Illinois Department of Transportation

Local Public Agency
Formal Contract

PROPOSAL SUBMITTED BY		
R.A. Cullinan & Son, a Div of UCM Inc		
Contractor's Name		
121 W Park Str		166
Street		P.O. Box
Tremont	IL	61568
City	State	Zip Code

STATE OF ILLINOIS

COUNTY Peoria

Peoria, Illinois

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE University Street (FAU 6593)

SECTION NO. 12-00361-04-FP

TYPES OF FUNDS MFT

☒ SPECIFICATIONS (required) ☒ PLANS (required) ☒ CONTRACT BOND (when required)

For Municipal Projects

Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☒ Municipal Official

Date

Department of Transportation

☒ Concurrence in approval of award

Regional Engineer

Date

For County and Road District Projects

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route FAU 6593 University

1. THIS AGREEMENT, made and concluded the _____ day of August, 2016 (Month and Year), between the City of Peoria, an IL Municipal Corp of Peoria, Illinois acting by and through its City Manager known as the party of the first part, and R.A. Cullinan & Son, a Div. of UCM, Inc. his/their executors, administrators, successors or assigns, known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 12-00361-04-FP, in Peoria, Illinois, approved by the Illinois Department of Transportation on _____ (Date), are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: Bonnie Ball Clerk

(Seal)

The City of Peoria

By _____
Party of the First Part

(If a Corporation)

REVIEWED AND APPROVED:

By: _____
Corporation Counsel

Corporate Name R.A. CULLINAN & SON A DIVISION OF UNITED CONTRACTORS MIDWEST, INC

By Thomas J. Wall
Vice President
Party of the Second Part

(If a Co-Partnership)

Attest: _____
Asst Secretary

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part

Illinois Department of Transportation

Bond #106575439

Contract Bond

Route 6593 University
County Peoria
Local Agency City of Peoria
Section 12-00361-04-FP

We , R.A. Cullinan & Son, a Div. of United Contractors Midwest, Inc.

a/an) ☐ Individual ☐ Co-partnership ☒ Corporation organized under the laws of the State of Delaware

as PRINCIPAL, and Travelers Casualty & Surety Company of America

as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of
EIGHT HUNDRED NINETY THREE THOUSAND THIRTY THREE AND 16/100

Dollars ($893,033.16), lawful money of the United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 26th day of August A.D. 2016

PRINCIPAL

R.A. Cullinan & Son, a Div. of UCM, Inc.
(Company Name)

By: Thomas T. Wall
Thomas T. Wall (Signature & Title) Vice-President

Attest: Jeff Sinn
Jeff Sinn (Signature & Title) Asst. Secretary

R.A. Cullinan & Son, a Div. of UCM, Inc.
(Company Name)

By: _____
(Signature & Title)

Attest: _____
(Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF ILLINOIS,
COUNTY OF Tazewell

I, Debra J. Uselton Lowman, a Notary Public in and for said county, do hereby certify that Thomas T. Wall and Jeff Sinn

(Insert names of individuals signing on behalf or PRINCIPAL)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26th day of August A.D. 2016

My commission expires 05-05-2020 Debra J Uselton Lowman
Notary Public

OFFICIAL SEAL
DEBRA J USELTON LOWMAN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:05/05/20
(SEAL)

SURETY

Travelers Casualty & Surety Company of America
(Name of Surety)

By: _____
Patrick J. Taphorn (Signature of Attorney-in-Fact)

(SEAL)

STATE OF ILLINOIS.
COUNTY OF Tazewell

I, Debra J. Uselton Lowman, a Notary Public in and for said county, do hereby certify that Patrick J. Taphorn

(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26th day of August A.D. 2016

My commission expires 05-05-2020 Debra J Uselton Lowman
Notary Public

OFFICIAL SEAL
DEBRA J USELTON LOWMAN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:05/05/20
(SEAL)

Approved this _____ day of AUGUST, A.D. 2016

Attest: _____
City Clerk

CITY OF PEORIA
(Awarding Authority)

_____
(Chairman/Mayor/President)

REVIEWED AND APPROVED:
By: _____
Corporation Counsel

TRAVELERS

POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226368

Certificate No. 006933316

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Afton Booth, Patrick J. Taphorn, and Kathy Betteridge

of the City of Pekin, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 12th day of August, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

State of Connecticut
City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the 12th day of August, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.

MARIE C. TETREAULT NOTARY PUBLIC CONNECTICUT

Marie C. Tetreault
Marie C. Tetreault, Notary Public

58440-5-16 Printed in U.S.A.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 26th day of August, 20 16

Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

RETURN WITH BID

Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY		
R. A. Cullinan & Son, a Div. of United Contractors Midwest, Inc.		
Contractor's Name		
121 W. Park St. · PO Box 166		
Street		P.O. Box
Tremont	IL	61568
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Peoria

City of Peoria

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. University Street (FAU 6593)

SECTION NO. 12-00361-04-FP

TYPES OF FUNDS MFT

☒ SPECIFICATIONS (required) ☒ PLANS (required)

For Municipal Projects

Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☒ Municipal Official

Date 7/8/16

Department of Transportation

☐ Released for bid based on limited review

Regional Engineer

AGREEMENT OF UNDERSTANDING

Date

For County and Road District Projects

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

TABLE OF CONTENTS

RETURN WITH BID

NOTICE TO BIDDERS

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

Sealed proposals for the improvement described below will be received at the office of City of Peoria,
3505 N. Dries Lane, Peoria, IL 61604 (Address) until 11:00 AM (Time) on July 26, 2016 (Date)

Sealed proposals will be opened and read publicly at the office of City of Peoria
3505 N. Dries Lane, Peoria, IL 61604 (Address) at 11:05 AM (Time) on July 26, 2016 (Date)

DESCRIPTION OF WORK

Name University Street Length: 2525.00 feet (0.48 miles)
Location Forrest Hill Avenue to War Memorial Drive
Proposed Improvement Mill and overlay asphalt, perform pavement striping, and replace base as-needed

1. Plans and proposal forms will be available in the office of City of Peoria Public Works
   3505 N. Dries Lane, Peoria, IL 61604 (Address)
2. ☒ Prequalification
   If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. BLR 12200: Local Public Agency Formal Contract Proposal
   b. BLR 12200a Schedule of Prices
   c. BLR 12230: Proposal Bid Bond (if applicable)
   d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
   e. BLR 12326: Affidavit of Illinois Business Office
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

1. Proposal of R. A. Cullinan & Son, a Div. of United Contractors Midwest, Inc.

for the improvement of the above section by the construction of _____

a total distance of 2525.00 feet, of which a distance of 2525.00 feet, (0.480 miles) are to be improved.

2. The plans for the proposed work are those prepared by Crawford, Murphy & Tilly, Inc.
and approved by the Department of Transportation on _____
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by October 31, 2016 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Patrick Nichting Treasurer of _____

The amount of the check is (a bid bond) ( ).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

CONTRACTOR NUMBER	1284	
CONTRACTOR NAME	R.A. Cullinan & Son, A Div. Of UCM, Inc.	
ITEM NUMBER		
CONTRACT NUMBER	University Street (FAU 6593)	
THIS IS THE TOTAL BID>>		$893,033.16

NOTES:

1. Each PAY ITEM should have a UNIT PRICE and TOTAL PRICE.
2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.
3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.
4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.

ADDITIONAL NOTES WHICH APPLY FOR THE COMPUTER GENERATED (IDOTCBID) SCHEDULE OF PRICES:

5. Pay item numbers (PIN), descriptions, unit of measure (U of M), quantities, and Department supplied unit prices MUST BE CORRECT and CORRESPOND to the latest schedule of prices issued by the Department or the bid may be declared UNACCEPTABLE.
6. Insert this computer generated schedule of prices into the bidding proposal directly in front of the Department issued schedule of prices.

1284 <====CONTRACTOR NUMBER

eet (FAU 6593)

CONTRACTOR NAME====> R.A. Cullinan & Son, A Div. Of UCM, Inc.

COUNTY(IES)========> Peoria

SECTION============> 12-00361-04-FP

LETTING DATE=======> July 26, 2016

ITEM NUMBER========>

BLANK PRICES 0

University Street (I <====CONTRACT NUMBER

TOTAL QUANTITY 90,054.000

PAY ITEMS 23

TOTAL BID $893,033.16

PIN	PAY ITEM DESCRIPTION	U OF M	QUANTITY	X	UNIT PRICE	=	TOTAL PRICE
40600285	POLYMERIZED BITUMINOUS MATERIALS (	POUN	1,505.000		3.41		$5,132.05
40600295	POLYMERIZED BITUMINOUS MATERIALS (	POUN	18,960.000		2.08		$39,436.80
40600827	POLYMERIZED LEVELING BINDER (MM) IL	TON	756.000		138.41		$104,637.96
40603210	POLYMERIZED HOT-MIX ASPHALT BINDEI	TON	2,221.000		104.44		$231,961.24
40603565	POLYMERIZED HOT-MIX ASPHALT SURF (	TON	1,512.000		118.49		$179,156.88
42001000	HIGH EARLY STRENGTH PORTLAND CEMI	SY	12.000		246.75		$2,961.00
44201761	CLASS D PATCHES TY 1 10"	SY	100.000		240.22		$24,022.00
44201765	CLASS D PATCHES TY 2 10"	SY	400.000		154.46		$61,784.00
44201769	CLASS D PATCHES TY 3 10"	SY	200.000		153.40		$30,680.00
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25,250.000		0.78		$19,695.00
78009000	MOD URETHANE PAVEMENT MARKING - L	SQFT	764.000		5.78		$4,415.92
78009004	MOD URETHANE PAVEMENT MARKING - L	FOOT	8,150.000		1.31		$10,676.50
78009006	MOD URETHANE PAVEMENT MARKING - L	FOOT	1,685.000		2.00		$3,370.00
78009024	MOD URETHANE PAVEMENT MARKING - L	FOOT	393.000		7.88		$3,096.84
X0326440	SURFACE REMOVAL VAR DEP (SPL)	SQYD	13,412.000		5.46		$73,229.52

1284 <====CONTRACTOR NUMBER

CONTRACTOR NAME====> R.A. Cullinan & Son, A Div. Of UCM, Inc.

COUNTY(IES)========> Peoria

SECTION============> 12-00361-04-FP

LETTING DATE=======> July 26, 2016

ITEM NUMBER========>

BLANK PRICES 0

University Street (I <====CONTRACT NUMBER

TOTAL QUANTITY 90,054.000

PAY ITEMS 23

TOTAL BID $893,033.16

PIN	PAY ITEM DESCRIPTION	U OF M	QUANTITY	X	UNIT PRICE	=	TOTAL PRICE
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7.000		1,470.00		$10,290.00
X7010216	TRAFFIC CONTROL & PROTECTION (SPEC	LSUM	1.000		45,070.86		$45,070.86
X7830060	GROOVING FOR RECSS PAVE MARK L & S	SQFT	764.000		10.50		$8,022.00
X7830070	GROOVING FOR RECESS PAVE MARK 5"	FOOT	8,150.000		0.89		$7,253.50
X7830074	GROOVING FOR RECESS PAVE MARKING	FOOT	1,685.000		1.33		$2,241.05
X7830090	GROOVING FOR RECESS PAVE MARKING	FOOT	393.000		8.40		$3,301.20
Z0013798	CONSTRUCTION LAYOUT	LSUM	1.000		6,509.61		$6,509.61
Z0034105	MATERIAL TRANSFER DEVICE	TON	3,733.000		4.31		$16,089.23

SCHEDULE OF PRICES

County Peoria
Local Public Agency City of Peoria
Section 12-00361-04-FP
Route FAU 6593

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
	Bidder's Proposal for making Entire Improvements				
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	1505		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	18960		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	756		
40603210	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	2221		
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1512		
42001000	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	12		
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	100		
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	400		
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	200		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25250		
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	764		
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	8150		
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1685		
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	393		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	13412		
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	764		
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	8150		
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1685		
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	393		
Z0013798	CONSTRUCTION LAYOUT	LSUM	1		
Z0034105	MATERIAL TRANSFER DEVICE	TON	3733		

CONTRACTOR CERTIFICATIONS

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 0595

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Deliquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

   A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

   A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

CITY OF
PEORIA

ADDENDUM NO. 1
CITY OF PEORIA
Arterial Overlay – University Street (Forrest Hill Ave to War Memorial Dr)
12-00361-04-FP
Date of Addendum: July 22, 2016
Letting: July 26, 2016 at 11:00 AM

RE: **Addendum No. 1** for Bid Package, University Street (FAU 6593), Section 12-00361-04-FP, Peoria, IL

The following shall be considered part of the Contract Documents for the subject project and shall apply to all construction there under:

REVISED BID DOCUMENT (Issued with this Addendum):

1) Page IV-31, POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT AND TACK COAT) (NON-TRACKING): REMOVE all text and tables below the initial Description paragraph. Product QST-H1 will not be used on this contract. The revised product will be SS1-vh pursuant to Article 406 of the Illinois Department Standard Specifications for Road and Bridge Construction.

Bidders shall acknowledge receipt of this addendum by inserting its number on Bid Form. Failure to do so may subject Bidder to Disqualification.

This Addendum consists of one (1) cover page and one (1) Proposal and Specification book page.

Sincerely,

Stephen Letsky, P.E.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT AND TACK COAT) (NON-TRACKING)

Description. This work shall consist of placing non-tracking, polymerized bituminous materials prime coat or tack coat per Article 406 of the Standard Specifications, specifically for use of material "SS1-vh".

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

SIGNATURES

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners _____

(If a corporation)

Corporate Name R. A. Cullinan & Son, a Div. of United Contractors Midwest, Inc.

Signed By Thomas J. Wall Vice President

Business Address 121 W. Park St., P. O. Box 166
Tremont, Illinois 61568

Insert Names of Officers
President Robert W. Bruner
Secretary Allen D. Cullinan
Treasurer Kenton W. Day

Addendum # 1 Acknowledged

Attest: _____ Asst Secretary

Illinois Department of Transportation

Local Agency Proposal Bid Bond

Route 6593
County Peoria

RETURN WITH BID

Local Agency City of Peoria
Section 12-00361-04-FP

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

_____ (Company Name)

By: _____ (Signature and Title)

_____ (Company Name)

By: _____ (Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____
I. _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____

_____ (Notary Public)

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title)

_____ Date

Illinois Department of Transportation

Local Agency Proposal Bid Bond

Route: Mill & Overlay-University St
County: Peoria
Local Agency: City of Peoria
Section: 12-00361-04-FP

RETURN WITH BID

PAPER BID BOND

WE R.A. Cullinan and Son, A Division of United Contractors Midwest, Inc. as PRINCIPAL,

and Travelers Casualty & Surety Company of America as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 26th day of July, 2016

Principal

R.A. Cullinan and Son, A Division of United Contractors Midwest, Inc.
(Company Name)

By: Thomas T. Wall
Thomas T. Wall, Vice-President (Signature and Title)

(Company Name)

By:
(Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Travelers Casualty & Surety Company of America
(Name of Surety)

By: Afton Booth
Afton Booth, Attorney-in-Fact (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF Tazewell

I. Debra J. Uselton Lowman, a Notary Public in and for said county,
do hereby certify that Thomas T. Wall and Afton Booth
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26th day of July, 2016

My commission expires 05-05-2020

OFFICIAL SEAL
DEBRA J USELTON LOWMAN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 05/05/20

Debra J Uselton Lowman
(Notary Public)

ELECTRONIC BID

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**
The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date

BLR 12230 (Rev. 7/05

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

TRAVELERS

POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226368 **Certificate No.** 006792758

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Afton Booth, Patrick J. Taphorn, and Kathy Betteridge

of the City of Pekin, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 13th day of May, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

State of Connecticut
City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the 13th day of May, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.

MARIE C. TETREAULT NOTARY PUBLIC CONNECTICUT

_____
Marie C. Tetreault, Notary Public

58440-5-16 Printed in U.S.A.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 26th day of July, 20 16.

Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Illinois Department of Transportation

Apprenticeship or Training Program Certification

Return with Bid

Route	6593
County	Peoria
Local Agency	City of Peoria
Section	12-00361-04-FP

All contractors are required to complete the following certification:

☐ For this contract proposal or for all groups in this deliver and install proposal.

☐ For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

Please see attached.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership. ☐

_____

_____

_____

_____

_____

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: R. A. Cullinan & Son, a Div. of UCM, Inc.

By: Thomas J. Wall
(Signature)

Address: P.O. Box 166, Tremont, IL 61568

Title: Vice President

United Contractors Midwest

IL—Peoria
121 W. Park Street
P.O. Box 166
Tremont, IL 61568
309-925-2711

RE: Certificate of Registration for Apprenticeship and Training Programs

R. A. Cullinan & Son; Illinois Valley Paving; Freesen; Rowe Construction; Gunther Construction; Gunther Underground; State Highway Construction; and River City Supply, are divisions of United Contractors Midwest, Inc. and its subsidiary participating in one or more of the following Apprenticeship and Training Programs:

1) Apprenticeship & Skill Improvement – Local 150 Operating Engineers
2) Operating Engineers Local 318 Joint Apprenticeship and Training Program
3) Operating Engineers Local 520 Apprenticeship Program
4) Operating Engineers Local 649 Apprenticeship Fund
5) IUOE Local 841 Apprenticeship & Training
6) Local 965 Operating Engineer Improvement Committee for Central Illinois
7) Illinois Laborers' and Contractor's Training Trust Fund
8) Mid-Central Illinois Dist. Council of Carpenters Joint Apprenticeship Training Committee

Local 16	Local 183	Local 347	Local 742
Local 44	Local 189	Local 644	Local 904
Local 63	Local 269	Local 725	Local 1051

9) Southern Illinois Dist. Council of Carpenters Joint Apprenticeship Training Committee
10) Operative Plasterers and Cement Mason #143 Joint Apprenticeship Training Committee
11) Operative Plasterers and Cement Mason #18 Joint Apprenticeship Training Committee
12) Operative Plasterers and Cement Mason #539 Joint Apprenticeship Training Committee
13) Peoria Ironworkers Joint Apprenticeship Committee
14) Bridge, Structural, Ornamental & Reinforcing Ironworkers Local Union No. 112
15) Ironworkers Local 48 Joint Apprenticeship Committee Program
16) Teamsters Joint Council No. 25 Apprenticeship Program

UCM SUBCONTRACTED WORK TYPE LISTED PER PARAGRAPH "K"

Pavement Striping	Environmental	Hazardous Waste Removal
Bridge Cleaning & Painting	Traffic Control	Waterproof Membrane System
Electrical	Hydro Demolition	Guardrail & Fence
Lime Stabilization	Asbestos Removal	Reflective Crack Control Treatment
Construction Layout	Drilled Shafts	Saw & Sealing Joints
Material Testing	Underground Utilities	Wall Tieback System
Engineering	Dredging	Hauling
Demolition	Landscaping	

CITY OF PEORIA

CITY OF PEORIA
SUB-CONTRACTOR UTILIZATION STATEMENT

Section I(*select all that apply*)

X MBE/WBE Subcontractor(s) will be utilized on this project

_____ Non MBE/WBE Subcontractor(s) will be utilized on this project

Section II: Prime Contractor

Name: R.A. CULLINAN & SON A DIVISION OF UNITED CONTRACTORS MIDWEST, INC.

Address: P.O. BOX 166 TREMONT, IL 61568

Phone: 309-925-2711

Contact Person: Kevin Walker

Email: Kevin.Walker@ucm.biz

Ownership Status: MBE ____ WBE ____ M/WBE ____ Non-M/WBE X

Project

Name: University Street (FAU 6593)

Total Contract Value: $893,033.16

Section III: Selected Subcontractors

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
Midwest Const. Services	WBE	$9,860	1.1%	Traffic Control Materials
Varsity Striping	WBE	40,389.95	4.5%	Pavement Striping
JC Dillron Inc	Non M/WBE	12,620.00	1.4%	Sanitary Sewer adjust + PCC
TOTALS		$62,869.95	7%	

**If more than seven firms are utilized, please copy the form and attach the additional information.*

Section IV: Subcontractors that submitted bids but were not selected (M/WBE Only)

Subcontractor Name	Scope of Work Bid	Denial Reason

**If more than seven firms submitted quotes, please copy the form and attach the additional information.*

-----Continues on next page-----

For Office Use Only

Reviewed by:_____

Section V: Subcontractors Contacted (M/WBE Only)

Subcontractor Name	Method of Contact	Contact Outcome
No additional work available		
Midwest Const. Serv	E-Mail	quoted (used)
Varsity Striping	E-Mail	quoted (used)

**If more than six firms were contacted, please copy the form and attach the additional information*

Section IV

The City of Peoria is committed to promoting equal opportunity and has established the following subcontractor utilization goals for city funded construction projects: 10% MBE and 5% WBE. Prime Contractors have an obligation to make a good faith effort to advance the city's commitment to increase diversity among the firms working on city construction projects.

This form must be completed and submitted with bid proposals. ALL subcontractors intended for use on this project shall be listed in the Section III above; along with the total amount to be paid to the subcontractors; percentage of total contract; and scope of work. If for whatever reason the prime contractor has to utilize a subcontractor not listed above, they must submit a Notification of Change in Participation.

The undersigned certifies that the information included herein is true and correct; the subcontractors listed above have agreed to perform the scope of work described. The undersigned further certifies that it has no controlling, dominating or conflict of interest in any of the listed subcontractors.

Thomas DeWall
Signature of Prime Contractor

7/26/16
Date

For Office Use Only
Reviewed by:_____

Org.: May 2008
Revised: Feb. 2011

CITY OF PEORIA

CITY OF PEORIA
M/WBE PARTICIPATION WAIVER REQUEST

PRIME CONTRACTOR

Name: R. A. Cullinan & Son, a Div. of UCM, Inc.

Address: P.O. Box 166

Tremont, Illinois 61568

Phone: 309-925-2711

Contact Person: Kevin C. Walker

PROJECT

Name: University Street (FAU 6593)

N/A

We hereby request to waive all of the MBE and WBE participation goals on the above named project and self-perform all work for the following reason(s). The firm further affirms that the stated reasons and documents provided are true and correct and not misleading: **(CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE SUBMITTED WHERE INDICATED.)**

1. No MBEs/WBEs responded to our invitation to bid. _____
2. No subcontracting opportunities exist. (Attach explanation) _____
3. The award of subcontract(s) is impracticable. (Attach explanation) _____

SIGNED: Thomas J. Wall DATE: 7/26/16
(Company Official)

FOR OFFICE USE ONLY

☐ **APPROVED** ☐ **DISAPPROVED**

REVIEWED BY _____ **DATE** _____

Illinois Department of Transportation

Local Public Agency
Formal Contract

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Peoria

City of Peoria
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. FAU 6593

SECTION NO. 12-00361-04-FP

TYPES OF FUNDS MFT

☒ SPECIFICATIONS (required) ☒ PLANS (required) ☒ CONTRACT BOND (when required)

For Municipal Projects
Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☐ Municipal Official

Date

Department of Transportation
☐ Concurrence in approval of award

Regional Engineer

Date

For County and Road District Projects
Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

RETURN WITH BID

Illinois Department of Transportation

Affidavit of Illinois Business Office

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

State of Illinois)
) ss.
County of Tazewell)

I, Thomas T. Wall (Name of Affiant) of Tremont (City of Affiant), Illinois (State of Affiant),

being first duly sworn upon oath, states as follows:

1. That I am the Vice President (officer or position) of R. A. Cullinan & Son, a Div. of UCM, Inc. (bidder).
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, R. A. Cullinan & Son, a Div. of UCM, Inc. (bidder), will maintain a business office in the State of Illinois which will be located in Tazewell County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Thomas T. Wall
(Signature)

Thomas T. Wall
(Print Name of Affiant)

This instrument was acknowledged before me on 26th day of July, 2016.

OFFICIAL SEAL
LINDA J. STOOPS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 11-20-2017

(SEAL)

Linda J. Stoops
(Signature of Notary Public)

5. EEO CERTIFICATION* (Check one):

_____We are presently applying for the EEO Certification. Employer Report Form (Form CC-1) is completed and enclosed.

__x__Presently, we have the Employer Report Form (Form CC-1) on file with the City of Peoria, Office of Equal Opportunity and have a current Certificate of Compliance Number.

Certificate of Compliance Number: 00676-170331

**Please note there is a $50.00 processing fee for new and renewal certification requests.*

6. Accompanying this proposal is a bid bond, certified check, or cashier's check complying with the requirements of the Specifications, made payable to the City Treasurer of the City of Peoria, Illinois. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the check shall be forfeited to the awarding authority.

The amount of the check or draft is $ (a bid bond) .

If Bid Bond is not used, attach Cashier's Check or Certified Check Here

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of _____

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1	2	3	4	Awards Pending	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
				Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						$ 0.00
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

1. THIS AGREEMENT, made and concluded the _____ day of _____ (Month and Year),
between the _____ of _____
acting by and through its _____ known as the party of the first part, and
_____ his/their executors, administrators, successors or assigns,
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____, in _____,
approved by the Illinois Department of Transportation on _____ (Date), are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest:

_____ Clerk

(Seal)

The _____ of _____

By _____
Party of the First Part

(If a Corporation)

Corporate Name _____

By _____
President Party of the Second Part

(If a Co-Partnership)

Attest:

_____
Secretary

_____

Partners doing Business under the firm name of

_____
Party of the Second Part

(If an individual)

_____
Party of the Second Part

Illinois Department of Transportation

Contract Bond

Route 6593
County Peoria
Local Agency City of peoria
Section 12-00361-04-FP

We, _____

_____

a/an) ☐ Individual ☐ Co-partnership ☐ Corporation organized under the laws of the State of _____,

as PRINCIPAL, and _____

_____ as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of

_____

_____ Dollars (_____), lawful money of the United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____ A.D. _____

PRINCIPAL

_____ (Company Name)

By: _____ (Signature & Title)

Attest: _____ (Signature & Title)

_____ (Company Name)

By: _____ (Signature & Title)

Attest: _____ (Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF ILLINOIS,

COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that

_____

_____

(Insert names of individuals signing on behalf or PRINCIPAL)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D. _____

My commission expires _____ _____ Notary Public **(SEAL)**

SURETY

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS. **(SEAL)**

COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that

_____

_____

(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D. _____

My commission expires _____ _____ Notary Public **(SEAL)**

Approved this _____ day of _____, A.D. _____

Attest:

_____ _____ (Awarding Authority)

_____ Clerk _____ (Chairman/Mayor/President)

SECTION II - GENERAL CONDITIONS

PROJECT DESCRIPTION

The proposed improvements will provide functional drainage facilities, watermain, sidewalks, driveways and street lighting to the existing street. The drainage facilities will include new curb and gutter along each edge of the street, inlets, manholes, catch basins and drain pipes. A unique aspect of this project's drainage system is the construction of an aggregate French Drain with underdrain pipe to be constructed under identified segments of the proposed curb and gutter. The French Drain will provide multiple benefits including: reduced total runoff volume because of infiltration into soils, reduced runoff rates resulting from detention and restricted release rates, and cleaner runoff resulting from filtration through the aggregate.

Watermain construction will replace an existing watermain and shall be accomplished in accordance with the requirements of Illinois American Water Company.

New sidewalks and driveways will also be constructed within the street right of way to provide safe routes for pedestrians and access to and from private property. Traffic and pedestrian signal improvements will be improved at existing signalized intersections.

New asphalt pavement construction for this section of street will be completed under a separate contract with the City of Peoria. The work to be accomplished in this contract requires coordination of this work with the work of other contractors and utility companies.

PUBLIC INFORMATION MEETING

A public information meeting will be held for this project prior to the start of construction. The Contractor shall schedule the meeting in cooperation with the City and advertise its date, time, and location in all local newspapers and media outlets in the City of Peoria. The Contractor and the City of Peoria representatives shall conduct the meeting jointly. The Contractor shall have a representative at the meeting to answer questions concerning scheduling, the nature of work to be performed, and any other issues that may arise. The Contractor shall secure the meeting facility and pay for any facility rental fees and provide appropriate liability insurance. In addition to conducting the public information meeting, the Contractor shall also notify all residents and property owners adjacent to the project limits of the meeting. A meeting notice and mailing list will be provided to the Contractor by the City of Peoria. The cost for conducting this meeting and contacting residents and property owners shall not be paid for separately, but shall be considered included with the various traffic control items contained herein.

RETURN WITH BID

Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Peoria

City of Peoria

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. University Street (FAU 6593)

SECTION NO. 12-00361-04-FP

TYPES OF FUNDS MFT

☒ SPECIFICATIONS (required) ☒ PLANS (required)

For Municipal Projects

Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☒ Municipal Official

Date 7/8/16

Department of Transportation

☐ Released for bid based on limited review

Regional Engineer

AGREEMENT OF UNDERSTANDING

Date

For County and Road District Projects

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

TABLE OF CONTENTS

RETURN WITH BID

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

NOTICE TO BIDDERS

Sealed proposals for the improvement described below will be received at the office of City of Peoria,
3505 N. Dries Lane, Peoria, IL 61604 (Address) until 11:00 AM (Time) on July 26, 2016 (Date)

Sealed proposals will be opened and read publicly at the office of City of Peoria
3505 N. Dries Lane, Peoria, IL 61604 (Address) at 11:05 AM (Time) on July 26, 2016 (Date)

DESCRIPTION OF WORK

Name University Street Length: 2525.00 feet (0.48 miles)
Location Forrest Hill Avenue to War Memorial Drive
Proposed Improvement Mill and overlay asphalt, perform pavement striping, and replace base as-needed

1. Plans and proposal forms will be available in the office of City of Peoria Public Works
   3505 N. Dries Lane, Peoria, IL 61604 (Address)
2. ☒ Prequalification
   If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. BLR 12200: Local Public Agency Formal Contract Proposal
   b. BLR 12200a Schedule of Prices
   c. BLR 12230: Proposal Bid Bond (if applicable)
   d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
   e. BLR 12326: Affidavit of Illinois Business Office
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

PROPOSAL

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

1. Proposal of _____

for the improvement of the above section by the construction of _____

a total distance of 2525.00 feet, of which a distance of 2525.00 feet, (0.480 miles) are to be improved.

2. The plans for the proposed work are those prepared by Crawford, Murphy & Tilly, Inc.
and approved by the Department of Transportation on _____
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by October 31, 2016 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Patrick Nichting Treasurer of _____

The amount of the check is _____ (_____).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.
8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

SCHEDULE OF PRICES

County Peoria
Local Public Agency City of Peoria
Section 12-00361-04-FP
Route FAU 6593

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
	Bidder's Proposal for making Entire Improvements				
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	1505		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	18960		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	756		
40603210	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	2221		
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1512		
42001000	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	12		
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	100		
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	400		
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	200		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25250		
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	764		
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	8150		
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1685		
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	393		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	13412		
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	764		
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	8150		
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1685		
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	393		
Z0013798	CONSTRUCTION LAYOUT	LSUM	1		
Z0034105	MATERIAL TRANSFER DEVICE	TON	3733		

CONTRACTOR CERTIFICATIONS

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Deliquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

   A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

   A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

SIGNATURES

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners _____

(If a corporation)

Corporate Name _____

Signed By _____
President

Business Address _____

Insert Names of Officers
President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

Illinois Department of Transportation

Local Agency Proposal Bid Bond

Route 6593
County Peoria
Local Agency City of Peoria
Section 12-00361-04-FP

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

_____ (Company Name)

By: _____ (Signature and Title)

_____ (Company Name)

By: _____ (Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____

I. _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____

_____ (Notary Public)

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title)

_____ Date

Illinois Department of Transportation

Apprenticeship or Training Program Certification

Return with Bid

Route	6593
County	Peoria
Local Agency	City of Peoria
Section	12-00361-04-FP

All contractors are required to complete the following certification:

☐ For this contract proposal or for all groups in this deliver and install proposal.

☐ For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership. ☐

_____

_____

_____

_____

_____

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: _____ By: _____
(Signature)

Address: _____ Title: _____

RETURN WITH BID

Illinois Department of Transportation

Affidavit of Illinois Business Office

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

State of _____)
) ss.
County of _____)

I, _____ (Name of Affiant) of _____ (City of Affiant), _____ (State of Affiant),

being first duly sworn upon oath, states as follows:

1. That I am the _____ (officer or position) of _____ (bidder).
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, _____ (bidder), will maintain a business office in the State of Illinois which will be located in _____ County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

_____
(Signature)

_____
(Print Name of Affiant)

This instrument was acknowledged before me on day of _____, _____.

(SEAL)

_____
(Signature of Notary Public)

STATE OF ILLINOIS
CITY OF PEORIA

PEORIA PROPOSAL CONDITIONS

1. The undersigned certifies that it is not delinquent in the payment of any indebtedness, tax, fee or fine owed to the City of Peoria, or in the payment of any tax administered by the Illinois Department of Revenue, and is in compliance with the terms and conditions of Sec. 10-109 of the Peoria City Code and 65 ILCS 5/11-42.1-1.

2. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the City of Peoria, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it has not been barred from bidding by the Federal, State or local governments and has not been suspended or debarred from receiving federal funding.

3. EMPLOYEE/EMPLOYMENT RESTRICTIONS – **THE CONTRACTOR**, (hereinafter referred to as "SERVICE PROVIDER") agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the SERVICE PROVIDER for performance of this contract; (2) coordinating the efforts of the SERVICE PROVIDER in the consummation or completion of this contract; or (3) monitoring or determining the performance of the SERVICE PROVIDER. The SERVICE PROVIDER further acknowledges and agrees that, upon the City's determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the SERVICE PROVIDER; (2) disqualification of the SERVICE PROVIDER from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS ($25,000.00). ***This provision does not apply to any City employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement Incentive offered by the city from November 1, 2011 through November 1, 2012.***

4. Each Bidder must be prequalified with the Illinois Department of Transportation to perform the type of construction work necessary for the project. Bidders shall include a copy of their Illinois Department of Transportation "Certificate of Eligibility" with their bid.

5. EEO CERTIFICATION* (Check one):

_____We are presently applying for the EEO Certification. Employer Report Form (Form CC-1) is completed and enclosed.

_____Presently, we have the Employer Report Form (Form CC-1) on file with the City of Peoria, Office of Equal Opportunity and have a current Certificate of Compliance Number.

Certificate of Compliance Number: _____

**Please note there is a $50.00 processing fee for new and renewal certification requests.*

6. Accompanying this proposal is a bid bond, certified check, or cashier's check complying with the requirements of the Specifications, made payable to the City Treasurer of the City of Peoria, Illinois. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the check shall be forfeited to the awarding authority.

The amount of the check or draft is $_____.

If Bid Bond is not used, attach Cashier's Check or Certified Check Here

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of _____

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1	2	3	4	Awards Pending	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
				Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						$ 0.
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____ , _____ Type or Print Name _____

Officer or Director Title

_____ Signed _____

Notary Public

My commission expires _____

Company _____

(Notary Seal)

Address _____

_____

CITY OF
PEORIA

CITY OF PEORIA
SUBCONTRACTOR UTILIZATION STATEMENT

Section I (*select all that apply*)
_____MBE/WBE Subcontractor(s) will be utilized on this project
_____Non MBE/WBE Subcontractor(s) will be utilized on this project

Section II

PRIME CONTRACTOR

Name: _____

Address: _____

Phone: _____

Contact Person: _____

Email: _____

PROJECT

Name: _____

Total Contract Value:_____

Section III

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
TOTALS				

**If more than five firms are utilized, please copy the form and attach the additional information.*

Section IV

The City of Peoria is committed to promoting equal opportunity and has established the following subcontractor utilization goals for city funded construction projects: 10% MBE and 5% WBE. Prime Contractors have an obligation to make a good faith effort to advance the city's commitment to increase diversity among the firms working on city construction projects.

This form must be completed and submitted with bid proposals. ALL subcontractors intended for use on this project shall be listed in the columns above; along with the total amount to be paid to the subcontractors; percentage of total contract; and scope of work. If for whatever reason the prime contractor has to utilize a subcontractor not listed above, they must submit a Notification of Change in Participation.

The undersigned certifies that the information included herein is true and correct; the subcontractors listed above have agreed to perform the scope of work described. The undersigned further certifies that it has no controlling, dominating or conflict of interest in any of the listed subcontractors.

_____ _____

Signature of Prime Contractor Date

For Office Use Only
Reviewed by:_____

CITY OF PEORIA

CITY OF PEORIA
M/WBE PARTICIPATION WAIVER REQUEST

PRIME CONTRACTOR

Name: _____

Address: _____

_____

Phone: _____

Contact Person: _____

PROJECT

Name: _____

We hereby request to waive all of the MBE and WBE participation goals on the above named project and self-perform all work for the following reason(s). The firm further affirms that the stated reasons and documents provided are true and correct and not misleading: **(CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE SUBMITTED WHERE INDICATED.)**

1. No MBEs/WBEs responded to our invitation to bid. _____
2. No subcontracting opportunities exist. (Attach explanation) _____
3. The award of subcontract(s) is impracticable. (Attach explanation) _____

SIGNED: _____ DATE: _____
(Company Official)

FOR OFFICE USE ONLY

☐ **APPROVED** ☐ **DISAPPROVED**

REVIEWED BY _____ **DATE** _____

Illinois Department of Transportation

Local Public Agency
Formal Contract

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Peoria

City of Peoria
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. FAU 6593
SECTION NO. 12-00361-04-FP
TYPES OF FUNDS MFT

☒ SPECIFICATIONS (required) ☒ PLANS (required) ☒ CONTRACT BOND (when required)

For Municipal Projects
Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☐ Municipal Official

Date

Department of Transportation
☐ Concurrence in approval of award

Regional Engineer

Date

For County and Road District Projects
Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

County Peoria
Local Public Agency City of Peoria
Section Number 12-00361-04-FP
Route 6593

1. THIS AGREEMENT, made and concluded the _____ day of _____ (Month and Year),
between the _____ of _____
acting by and through its _____ known as the party of the first part, and
_____ his/their executors, administrators, successors or assigns,
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____, in _____,
approved by the Illinois Department of Transportation on _____ (Date), are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest:

_____ Clerk

(Seal)

The _____ of _____

By _____
Party of the First Part

(If a Corporation)

Corporate Name _____

By _____
President Party of the Second Part

(If a Co-Partnership)

Attest:

_____
Secretary

_____

Partners doing Business under the firm name of

_____
Party of the Second Part

(If an individual)

_____
Party of the Second Part

Illinois Department of Transportation

Contract Bond

Route 6593
County Peoria
Local Agency City of peoria
Section 12-00361-04-FP

We , _____

a/an) ☐ Individual ☐ Co-partnership ☐ Corporation organized under the laws of the State of _____ ,

as PRINCIPAL, and _____

_____ as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of

_____ Dollars (_____), lawful money of the United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____ A.D. _____

PRINCIPAL

_____ (Company Name)

By: _____ (Signature & Title)

Attest: _____ (Signature & Title)

_____ (Company Name)

By: _____ (Signature & Title)

Attest: _____ (Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF ILLINOIS,

COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that

_____

_____

(Insert names of individuals signing on behalf or PRINCIPAL)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D. _____

My commission expires _____ _____ Notary Public **(SEAL)**

SURETY

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS. **(SEAL)**

COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that

_____

_____

(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D. _____

My commission expires _____ _____ Notary Public **(SEAL)**

Approved this _____ day of _____, A.D. _____

Attest:

_____ _____ (Awarding Authority)

_____ Clerk _____ (Chairman/Mayor/President)

SECTION II - GENERAL CONDITIONS

PROJECT DESCRIPTION

The proposed improvements will provide functional drainage facilities, watermain, sidewalks, driveways and street lighting to the existing street. The drainage facilities will include new curb and gutter along each edge of the street, inlets, manholes, catch basins and drain pipes. A unique aspect of this project's drainage system is the construction of an aggregate French Drain with underdrain pipe to be constructed under identified segments of the proposed curb and gutter. The French Drain will provide multiple benefits including: reduced total runoff volume because of infiltration into soils, reduced runoff rates resulting from detention and restricted release rates, and cleaner runoff resulting from filtration through the aggregate.

Watermain construction will replace an existing watermain and shall be accomplished in accordance with the requirements of Illinois American Water Company.

New sidewalks and driveways will also be constructed within the street right of way to provide safe routes for pedestrians and access to and from private property. Traffic and pedestrian signal improvements will be improved at existing signalized intersections.

New asphalt pavement construction for this section of street will be completed under a separate contract with the City of Peoria. The work to be accomplished in this contract requires coordination of this work with the work of other contractors and utility companies.

PUBLIC INFORMATION MEETING

A public information meeting will be held for this project prior to the start of construction. The Contractor shall schedule the meeting in cooperation with the City and advertise its date, time, and location in all local newspapers and media outlets in the City of Peoria. The Contractor and the City of Peoria representatives shall conduct the meeting jointly. The Contractor shall have a representative at the meeting to answer questions concerning scheduling, the nature of work to be performed, and any other issues that may arise. The Contractor shall secure the meeting facility and pay for any facility rental fees and provide appropriate liability insurance. In addition to conducting the public information meeting, the Contractor shall also notify all residents and property owners adjacent to the project limits of the meeting. A meeting notice and mailing list will be provided to the Contractor by the City of Peoria. The cost for conducting this meeting and contacting residents and property owners shall not be paid for separately, but shall be considered included with the various traffic control items contained herein.

CITY ENGINEER, RESIDENT ENGINEER, AND DESIGN ENGINEER

As defined in Article 101.16 of the Standard Specifications, the City Engineer of the City of Peoria is the Engineer referenced in the contract documents. The Resident Engineer/Resident Technician shall be identified by the Engineer at the initial project meeting. The City of Peoria may also retain a consulting engineer to provide services on behalf of the Engineer during construction of the improvements. These persons and their responsibilities will be identified at the initial project meeting. The City of Peoria hired a consulting engineer to evaluate the existing street conditions and design the proposed improvements. The plan drawings and specifications were prepared under the direction of the Professional Engineer whose seal is on the plan cover sheet. That person is the Design Engineer. Questions about the designer's intent shall be directed to the Design Engineer. The Design Engineer shall also be consulted regarding modifications to these plans that alter the designer's intent.

PROPERTY OWNER CONSIDERATIONS

Before construction begins, the Contractor shall contact all property owners to be affected by the project to determine if any special access considerations are required. The Contractor shall notify owners no less than 3 calendar days before removing any part of existing alleys or driveways. The contractor shall also allow for pick-up of garbage from and material deliveries to properties. Construction of curb and gutter and driveways shall be completed as soon as possible once driveway pavement is removed. Aggregate for Temporary Access shall be used as necessary to provide access to properties once driveway pavement has been removed in order to minimize the occupant's inconvenience.

Whenever excavation is made within a temporary or permanent construction easement, on private property for driveways, sidewalks, steps, retaining walls, utility connections, tree plantings or other construction, the topsoil disturbed by the excavation operations shall be restored as nearly as possible to its original position and the whole area involved in the construction operation shall be left in a neat and presentable condition.

The Contractor shall use reasonable care to avoid disturbing portions of private property not necessary to the construction operations. If, in the judgment of the Engineer, areas are disturbed unnecessarily, the Contractor shall restore these areas at his own expense. The Contractor shall not pile excavated material outside the limits of the R.O.W. upon adjacent private property without the written consent of the property owner and the Engineer.

STATUS OF UTILITIES

Utility companies were notified of the project improvements during the process of preparing construction drawings. The utility companies were requested to provide drawings and information about the size and location of their respective facilities for

inclusion on the construction plan drawings. Utility companies have also been provided the set of construction drawings distributed for bidding purposes and informed that they must determine if their respective facilities will be in conflict with the proposed improvements and if so, take steps to relocate the conflicting facilities.

The City of Peoria and consulting engineers retained by the City assume no responsibility for the presence, specific size or location of underground distribution systems of the several public utility corporations. No responsibility for the protection of said underground systems will be assumed by the City of Peoria. If such protection is found to be necessary to water mains, gas mains, steam mains, underground electrical distribution systems, underground telephone circuit systems or any other underground systems of non-municipal ownership, the cost of same, in whole or in part, is disclaimed by the City of Peoria.

The construction plans include a list of facilities known to the Engineer to be in conflict with the proposed improvements. The list was developed based on the limited information available to the Design Engineer when plans were prepared. The Contractor shall take all steps necessary to identify the presence and location of existing utilities, protect those utilities from damage, and coordinate the relocation and adjustment of utilities as required to construct the proposed improvements.

SIGNS WITHIN THE RIGHT OF WAY

The contractor shall relocate or remove and reinstall all street, traffic, parking, directional, regulatory and warning signs within the limits of the improvement. All signs which interfere with construction operations shall be removed, stored in a place away from work, and replaced by the contractor after the improvement has been completed if they are not required for traffic control. Signs which are required for traffic control shall be reinstalled at a temporary location acceptable to the Engineer, in a workmanlike manner, visible to traffic, and maintained straight and neat for the duration of the temporary setting. Signs shall not be moved until progress of the work demands the relocation. The cost of this item shall be included in the contract unit price bid for the item of work which necessitated the removal.

RESPONSIBILITY FOR DAMAGE CLAIMS

The Contractor shall indemnify and save harmless the CITY OF PEORIA, its officers, employees and consultants against all loss, damage or expense that it or they may sustain as a result of any suits, actions, or claims of any character brought on account of injury to or death of any person or persons, including all persons performing any work under this contract, which may arise in any way (except for a negligent act of the City of Peoria, its officers, employees or consultants) in connection with the work to be performed under this contract, including but not limited to, suits, actions or claims arising under "An Act providing for the protection and safety of persons in and about

the construction, repairing, alteration or removal of building, bridges, viaducts, and other structures, and to provide for the enforcement thereof," approved June 3, 1907, (740 ILCS 150/1), as amended: the Contractor shall also indemnify and save harmless the CITY OF PEORIA, its officers, employees and consultants from all suits, actions, or claims of any character brought because of any injuries or damages received or sustained by any person, persons, or property, on account of, or in consequence of, any neglect by Contractor or a Subcontractor in safeguarding the work; or through use of unacceptable materials in constructing the work; or because of any act or omission, neglect, or misconduct of said Contractor; or because of any claims or amounts recovered for any infringements of patent, trademark, or copyright, or from any claims or amounts arising or recovered under the "Workers Compensation Act," or any other law, ordinance, order, or decree, and so much of the money due the said Contractor under and by virtue of his contract as shall be considered necessary by the Department for such purposes, may be retained for the use of the ENGINEERING DIVISION; or, in case no money is due, his surety shall be held until such suits, actions, or claims have been settled and suitable evidence to that effect furnished to the Department.

PHASING OF PROJECT

The Contractor is completely responsible for scheduling and coordinating all work within the project limits. All utility relocations and adjustments must be coordinated by the Contractor in order to not cause undue delays in completing the work. Removal and replacement of driveways shall be completed in an expeditious manner in order to minimize inconvenience to property owners.

CONTRACTOR'S INSURANCE

The Contractor shall not commence work under this project until obtaining all insurance required under this paragraph and such insurance has been approved by the City of Peoria, nor shall the Contractor allow any Subcontractor to commence work on his subcontract until all similar insurance required of the Subcontractor has been so obtained and approved by the City of Peoria.

The Contractor shall require Subcontractors, if any, not protected under the Contractor's insurance policies as an additional insured to take out and maintain insurance of such nature in amounts not less than that required of the principal Contractor, excluding Umbrella Coverage and Owner's Protective Liability and Property Damage Insurance, and any and all insurance obtained by any Subcontractor or Subcontractors shall be approved by the City of Peoria.

All policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insured thereunder.

Worker's Compensation Insurance

The Contractor shall take out and maintain during the life of this project Worker's Compensation Insurance for all of his employees employed at the site of the project and, in case any work is sublet, the Contractor shall require the Subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor, and any such insurance obtained by any subcontractor or subcontractors shall be approved by the City of Peoria. In case any class of employees engaged in hazardous work at the site of the project is not protected under the Worker's Compensation statute, the Contractor shall provide, and shall cause each Subcontractor to provide adequate insurance coverage for the protection of his employees not otherwise protected, such as accident insurance, and any such insurance shall be approved by the City of Peoria.

Public Liability and Property Damage Insurance

The Contractor shall take out and maintain during the life of the project such General Liability, Public Liability and Property Damage Insurance as shall protect him and any Subcontractor performing work covered by this project, from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from operations under this project, whether such operations be by himself or by any Subcontractors or by anyone directly or indirectly employed by either of them and the amounts of such insurance shall be as follows:

Commercial General Liability Insurance that provides Property Damage and/or Bodily Injury in an amount not less than $1,000,000 per occurrence and $2,000,000 aggregate.

Owner's Protective Liability and Property Damage Insurance

The Contractor shall obtain Owner's Protective Liability and Property Damage Insurance in an amount not less than $1,000,000 per occurrence and $2,000,000 aggregate. If endorsements to the above public liability and property damage insurance policies cannot be made, then separate policies providing such protection must be furnished by the Contractor.

Automobile Insurance

The Contractor shall take out and maintain during the life of the project such automobile insurance covering all owned and non-owned vehicles as shall project him an any Subcontractor performing work covered by this project, from claims for damages in an amount not less than $1,000,000 Combined Bodily Injury and Property Damage.

Umbrella Coverage

The Contractor shall take out and maintain during the life of the project such Umbrella or Excess Liability coverage as shall protect him and any Subcontractor performing

work covered by this project, from claims for damages in an amount not less than $2,000,000 per occurrence and $5,000,000 annual aggregate.

Additional Insured Endorsement

All Liability insurance policies shall name Illinois American Water Company and the City of Peoria its officers, directors, employees, agents, representatives, subsidiaries, successors, and assigns, as additional insured, shall be primary to any other insurance carried by the Additional Insured and shall provide coverage consistent with ISO CG 20 26, and shall maintain the required coverage, naming Illinois American and the City of Peoria as an additional insured, for a period of not less than three years from the date the City of Peoria and Contractor execute an Agreement to Final Quantities.

PROOF OF CARRIAGE OF INSURANCE

The Contractor and all Subcontractors shall furnish the City of Peoria with satisfactory proof of insurance coverage before the project begins. If coverage is cancelled or the carrier's rating falls below A.M. Best "A" rated, the City of Peoria shall be notified in writing.

Certificates of insurance are required. The Certificate must state the following "The City of Peoria, its officers, directors, employees, agents, and representatives, are named as Additional Insured on a primary basis for liability arising out of the contractor's operations."

The Contractor must provide copies of the policies and endorsements. Failure to provide the required certificates of insurance shall not operate to invalidate the insurance requirements under this Contract.

SUBSTANCE ABUSE PREVENTION PROGRAM

Before the contractor and any Subcontractor commences work, the Contractor and any Subcontractor shall have in place a written Substance Abuse Prevention Program for the prevention of substance abuse among its employees which meets or exceeds the requirements in P.A. 95-0635 or shall have a collective bargaining agreement in effect dealing with the subject matter of P.A. 95-0635.

The Contractor and any Subcontractor shall file with a public body: a copy of the substance abuse prevention program along with a cover letter certifying that their program meets the requirements of the Act, or a letter certifying that the Contractor or a Subcontractor has a collective bargaining agreement in effect dealing with the subject matter of this Act.

CERTIFIED PAYROLL REQUIREMENTS

Contractors and subcontractors on public works projects must submit certified payroll records on a monthly basis to the public body in charge of the construction project, along

with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate, and that the contractor is aware that filing records he or she knows to be false is a Class B Misdemeanor. The Certified Payroll Records must include, for every worker employed on the public works project, the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day.

PREVAILING WAGE PROVISION

This contract is for the performance of "public works" as that term is defined by 820 ILCS 130/2. Not less than the prevailing rate of wages as found by the Illinois Department of Labor or determined by a Court on review shall be paid to all laborers, workers and mechanics performing work under this contract. These prevailing rates of wages are included in this contract.

If the Department of Labor revises the prevailing rate of hourly wages to be paid by the public body, the revised rate as provided by the public body shall apply to this contract.

University Street (FAU 6593)
Section 12-00361-04-FP
Peoria County

Peoria County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		BLD		26.700	28.200	1.5	1.5	2.0	7.700	16.21	0.000	0.800
ASBESTOS ABT-GEN		HWY		29.910	31.410	1.5	1.5	2.0	7.700	17.47	0.000	0.800
ASBESTOS ABT-MEC		BLD		32.510	35.010	1.5	1.5	2.0	11.47	10.96	0.000	0.720
BOILERMAKER		BLD		38.000	41.000	2.0	2.0	2.0	7.070	15.99	0.000	0.400
BRICK MASON		BLD		32.380	33.880	1.5	1.5	2.0	8.600	9.870	0.000	0.590
CARPENTER		BLD		30.880	33.130	1.5	1.5	2.0	8.000	15.71	0.000	0.520
CARPENTER		HWY		32.700	34.950	1.5	1.5	2.0	8.000	15.81	0.000	0.520
CEMENT MASON		BLD		28.050	29.800	1.5	1.5	2.0	7.500	15.65	0.000	0.500
CEMENT MASON		HWY		29.280	30.780	1.5	1.5	2.0	7.500	16.02	0.000	0.500
CERAMIC TILE FNSHER		BLD		29.890	0.000	1.5	1.5	2.0	8.600	10.05	0.000	0.580
ELECTRIC PWR EQMT OP		ALL		38.300	45.290	1.5	1.5	2.0	6.150	10.73	0.000	0.380
ELECTRIC PWR GRNDMAN		ALL		26.280	45.290	1.5	1.5	2.0	5.790	7.360	0.000	0.260
ELECTRIC PWR LINEMAN		ALL		42.540	45.290	1.5	1.5	2.0	6.280	11.92	0.000	0.430
ELECTRIC PWR TRK DRV		ALL		27.560	45.290	1.5	1.5	2.0	5.830	7.720	0.000	0.280
ELECTRICIAN		ALL		34.820	37.320	1.5	1.5	2.0	6.500	11.68	0.000	0.800
ELECTRICIAN		BLD		34.820	37.320	1.5	1.5	2.0	6.100	11.43	0.000	0.400
ELECTRONIC SYS TECH		BLD		28.250	30.250	1.5	1.5	2.0	6.350	10.54	0.000	0.400
ELEVATOR CONSTRUCTOR		BLD		41.690	46.900	2.0	2.0	2.0	13.57	14.21	3.340	0.600
GLAZIER		BLD		31.870	33.870	1.5	1.5	1.5	10.25	7.700	0.000	1.250
HT/FROST INSULATOR		BLD		43.350	45.850	1.5	1.5	2.0	11.47	12.36	0.000	0.720
IRON WORKER		BLD		32.190	34.090	0.0	0.0	0.0	9.490	13.91	0.000	0.000
IRON WORKER		HWY		35.980	37.980	0.0	0.0	0.0	9.490	13.91	0.000	0.000
LABORER		BLD		25.700	27.200	1.5	1.5	2.0	7.700	16.21	0.000	0.800
LABORER		HWY		29.160	30.660	1.5	1.5	2.0	7.700	17.47	0.000	0.800
LABORER, SKILLED		BLD		26.100	27.600	1.5	1.5	2.0	7.700	16.21	0.000	0.800
LABORER, SKILLED		HWY		29.460	30.960	1.5	1.5	2.0	7.700	17.47	0.000	0.800
LATHER		BLD		30.880	33.130	1.5	1.5	2.0	8.000	15.71	0.000	0.520
MACHINERY MOVER		HWY		35.980	37.980	0.0	0.0	0.0	9.490	13.91	0.000	0.000
MACHINIST		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000
MARBLE FINISHERS		BLD		29.890	0.000	1.5	1.5	2.0	8.600	10.05	0.000	0.580
MARBLE MASON		BLD		31.650	32.900	1.5	1.5	2.0	8.600	10.05	0.000	0.580
MILLWRIGHT		BLD		31.060	33.310	1.5	1.5	2.0	8.000	15.87	0.000	0.520
MILLWRIGHT		HWY		33.060	35.310	1.5	1.5	2.0	8.000	15.95	0.000	0.520
OPERATING ENGINEER		BLD	1	37.050	40.050	1.5	1.5	2.0	7.000	17.48	0.000	3.000
OPERATING ENGINEER		BLD	2	34.450	40.050	1.5	1.5	2.0	7.000	17.48	0.000	3.000
OPERATING ENGINEER		BLD	3	30.160	40.050	1.5	1.5	2.0	7.000	17.48	0.000	3.000
OPERATING ENGINEER		HWY	1	38.150	41.150	1.5	1.5	2.0	7.250	18.23	0.000	3.000
OPERATING ENGINEER		HWY	2	35.460	41.150	1.5	1.5	2.0	7.250	18.23	0.000	3.000
OPERATING ENGINEER		HWY	3	31.030	41.150	1.5	1.5	2.0	7.250	18.23	0.000	3.000
PAINTER		ALL		33.650	35.650	1.5	1.5	1.5	10.30	8.200	0.000	1.350
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		BLD		31.880	34.130	1.5	1.5	2.0	8.000	15.71	0.000	0.520
PILEDRIVER		HWY		33.700	35.950	1.5	1.5	2.0	8.000	15.81	0.000	0.520
PIPEFITTER		BLD		37.400	41.510	1.5	1.5	2.0	7.000	11.63	0.000	1.060
PLASTERER		BLD		28.140	29.770	1.5	1.5	2.0	7.500	15.00	0.000	0.870
PLUMBER		BLD		34.520	37.630	1.5	1.5	2.0	7.000	13.86	0.000	0.950
ROOFER		BLD		30.580	32.110	1.5	1.5	2.0	8.450	7.220	0.000	0.250
SHEETMETAL WORKER		BLD		32.430	34.050	1.5	1.5	2.0	9.120	15.55	0.000	0.780
SIGN HANGER		HWY		35.980	37.980	0.0	0.0	0.0	9.490	13.91	0.000	0.000
SPRINKLER FITTER		BLD		37.120	39.870	1.5	1.5	2.0	8.420	8.500	0.000	0.350
STEEL ERECTOR		HWY		35.980	37.980	0.0	0.0	0.0	9.490	13.91	0.000	0.000
STONE MASON		BLD		32.380	33.880	1.5	1.5	2.0	8.600	9.870	0.000	0.590
~~SURVEY WORKER~~	->NOT IN EFFECT			ALL	28.900	30.400	1.5	1.5	2.0	7.700	14.86	0.000 0.800
TERRAZZO FINISHER		BLD		29.890	0.000	1.5	1.5	2.0	8.600	10.05	0.000	0.580
TERRAZZO MASON		BLD		31.650	32.900	1.5	1.5	2.0	8.600	10.05	0.000	0.580
TILE MASON		BLD		31.650	32.900	1.5	1.5	2.0	8.600	10.05	0.000	0.580
TRUCK DRIVER		ALL	1	33.000	36.550	1.5	1.5	2.0	11.10	5.230	0.000	0.250
TRUCK DRIVER		ALL	2	33.480	36.550	1.5	1.5	2.0	11.10	5.230	0.000	0.250
TRUCK DRIVER		ALL	3	33.700	36.550	1.5	1.5	2.0	11.10	5.230	0.000	0.250
TRUCK DRIVER		ALL	4	34.010	36.550	1.5	1.5	2.0	11.10	5.230	0.000	0.250
TRUCK DRIVER		ALL	5	34.900	36.550	1.5	1.5	2.0	11.10	5.230	0.000	0.250
TRUCK DRIVER		O&C	1	27.280	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER		O&C	2	27.680	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER		O&C	3	27.860	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250

TRUCK DRIVER	O&C	4	28.110	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER	O&C	5	28.850	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TUCKPOINTER	BLD		32.380	33.880	1.5	1.5	2.0	8.600	9.870	0.000	0.590

Legend: RG (Region)
TYP (Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers)
C (Class)
Base (Base Wage Rate)
FRMAN (Foreman Rate)
M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.
OSA (Overtime (OT) is required for every hour worked on Saturday)
OSH (Overtime is required for every hour worked on Sunday and Holidays)
H/W (Health & Welfare Insurance)
Pensn (Pension)
Vac (Vacation)
Trng (Training)

Explanations

PEORIA COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

LABORER, SKILLED - BUILDING

The skilled laborer building (BLD) classification shall encompass the following types of work, irrespective of the site of the work: cutting & acetylene torch, gunnite nozzlemen, gunnite pump men & pots, kettlemen & carriers of men handling hot stuff, sandblaster nozzle men, sandblasting pump men & pots, setting up and using concrete burning bars, wood block setters, underpinning & shoring of existing buildings, and the unload-ing and handling of all material coated with creosote.

LABORER, SKILLED - HIGHWAY

The skilled laborer heavy & highway (HWY) classification shall encompass the following types of work,irrespective of the site of the work: jackhammer & drill operator, gunite pump & pot man, puddlers, vibrator men, wire fabric placer, sandblast pump & pot man, strike off concrete, unloading, handling & carrying of all creosoted piles, ties or timber, concrete burning bars, power wheelbarrows or buggies, asphalt raker, brickset-ters, cutting torchman (electric & acetylene), men setting lines to level forms, form setters, gunite nozzle man & sandblasting nozzle man, power man, and rip-rapping by hand.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION
Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING

Class 1. Cranes; Overhead Cranes; Gradall; All Cherry Pickers; Mechanics; Central Concrete Mixing Plant Operator; Road Pavers (27E - Dual Drum - Tri Batchers); Blacktop Plant Operators and Plant Engineers; 3 Drum Hoist; Derricks; Hydro Cranes; Shovels; Skimmer Scoops; Koehring Scooper; Drag Lines; Backhoe; Derrick Boats; Pile Drivers and Skid Rigs; Clamshells; Locomotive Cranes; Dredge (all types) Motor Patrol; Power Blades - Dumore - Elevating and similar types; Tower Cranes (Crawler-Mobile) and Stationary; Crane-type Backfiller; Drott Yumbo and similar types considered as Cranes; Caisson Rigs; Dozer; Tournadozer; Work Boats; Ross Carrier; Helicopter; Tournapulls - all and similar types; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Heavy Equipment Greaser; CMI, CMI Belt Placer, Auto Grade & 3 Track and similar types; Side Booms; Multiple Unit Earth Movers; Creter Crane; Trench Machine; Pump-crete-Belt Crete-Squeeze Cretes-Screw-type Pumps and Gypsum; Bulker & Pump - Operator will clean; Formless Finishing Machine; Flaherty Spreader or similar types; Screed Man on Laydown Machine; Wheel Tractors (industrial or Farm-type w/Dozer-Hoe-Endloader or other attachments); F.W.D. & Similar Types; Vermeer Concrete Saw.

Class 2. Dinkeys; Power Launches; PH One-pass Soil Cement Machine (and similar types); Pugmill with Pump; Backfillers; Euclid Loader; Forklifts; Jeeps w/Ditching Machine or other attachments; Tuneluger; Automatic Cement and Gravel Batching Plants; Mobile Drills (Soil Testing) and similar types; Gurries and Similar Types; (1) and (2) Drum Hoists (Buck Hoist and Similar Types); Chicago Boom; Boring Machine & Pipe Jacking Machine; Hydro Boom; Dewatering System; Straw Blower; Hydro Seeder; Assistant Heavy Equipment Greaser on Spread; Tractors (Track type) without Power Unit pulling Rollers; Rollers on Asphalt -- Brick Macadem; Concrete Breakers; Concrete Spreaders; Mule Pulling Rollers; Center Stripper; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Cement Finishing Machine; Barber

Green or similar loaders; Vibro Tamper (All similar types) Self-propelled; Winch or Boom Truck; Mechanical Bull Floats; Mixers over 3 Bag to 27E; Tractor pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Truck Type Hoptoe Oilers; Fireman; Spray Machine on Paving; Curb Machines; Truck Crane Oilers; Oil Distributor; Truck-Mounted Saws.

Class 3. Air Compressor; Power Subgrader; Straight Tractor; Trac Air without attachments; Herman Nelson Heater, Dravo, Warner, Silent Glo, and similar types; Roller: Five (5) Ton and under on Earth or Gravel; Form Grader; Crawler Crane & Skid Rig Oilers; Freight Elevators - permanently installed; Pump; Light Plant; Generator; Conveyor (1) or (2) - Operator will clean; Welding Machine; Mixer (3) Bag and Under (Standard Capacity with skip); Bulk Cement Plant; Oiler on Central Concrete Mixing Plant.

OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

CLASS 1. Cranes; Hydro Cranes; Shovels; Crane Type Backfiller; Tower, Mobile, Crawler, & Stationary Cranes; Derricks; Hoists (3 Drum); Draglines; Drott Yumbo & Similar Types considered as Cranes; 360 Degree Swing Excavator (Shears, Grapples, Movacs, etc.); Back Hoe; Derrick Boats; Pile Driver and Skid Rigs; Clam Shell; Locomotive - Cranes; Road Pavers - Single Drum - Dual Drum - Tri Batcher; Motor Patrols & Power Blades - Dumore - Elevating & Similar Types; Mechanics; Central Concrete Mixing Plant Operator; Asphalt Batch Plant Operators and Plant Engineers; Gradall; Caisson Rigs; Skimmer Scoop - Koering Scooper; Dredges (all types); Hoptoe; All Cherry Pickers; Work Boat; Ross Carrier; Helicopter; Dozer; Tournadozer; Tournapulls - all and similar types; Operation of Concrete and all Recycle Machines; Multiple Unit Earth Movers; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Operation of Material Crusher, Screening Plants, and Tunnel Boring Machine; Heavy Equipment Greaser (top greaser on spread); CMI, Auto Grade, CMI Belt Placer & 3 Track and Similar Types; Side Booms; Asphalt Heater & Planer Combination (used to plane streets); Wheel Tractors (with Dozer, Hoe or Endloader Attachments); CAT Earthwork Compactors and Similar Types; Blaw Knox Spreader and Similar Types; Trench Machines; Pump Crete - Belt Crete - Squeeze Crete - Screw Type Pumps and Gypsum (operator will clean); Creter Crane; Operation of Concrete Pump Truck; Formless Finishing Machines; Flaherty Spreader or Similar Types; Screed Man on Laydown Machine; Vermeer Concrete Saw; Operation of Laser Screed; Span Saw; Dredge Leverman; Dredge Engineer; Lull or Similar Type; Hydro-Boom Truck; Operation of Guard Rail Machine; and Starting Engineer on Pipeline or Construction (11 or more pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc, and Ground Heater (Trailer Mounted).

CLASS 2. Bulker & Pump; Power Launches; Boring Machine & Pipe Jacking Machine; Dinkeys; Operation of Carts, Powered Haul Unit for a Boring Machine; P & H One Pass Soil Cement Machines and Similar Types; Wheel Tractors (Industry or Farm Type - Other); Back Fillers; Euclid Loader; Fork Lifts; Jeep w/Ditching Machine or Other Attachments; Tunneluger; Automatic Cement & Gravel Batching Plants; Mobile Drills - Soil Testing and Similar Types; Pugmill with Pump; All (1) and (2) Drum Hoists; Dewatering System; Straw Blower; Hydro-Seeder; Bump Grinders (self-propelled); Assistant Heavy Equipment Greaser; Apsco Spreader; Tractors (Track-Type) without Power Units Pulling Rollers; Rollers on Asphalt - Brick or Macadam; Concrete Breakers; Concrete Spreaders; Cement Strippers; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Vibro-Tampers (All Similar Types Self-Propelled); Mechanical Bull Floats; Self-Propelled Concrete Saws; Truck Mounted Power Saws; Operation of Curb Cutters; Mixers - Over Three (3) Bags; Winch and Boom Trucks; Tractor Pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Mule Pulling Rollers; Pugmill without Pump; Barber Greene or Similar Loaders; Track Type Tractor w/Power Unit attached (minimum); Fireman; Spray Machine on Paving; Curb Machines; Paved Ditch Machine; Power Broom; Self-Propelled Sweepers; Self-Propelled Conveyors; Power Subgrader; Oil Distributor; Straight Tractor; Truck Crane Oiler; Truck Type Oilers; Directional Boring Machine; Horizontal Directional Drill; Articulating End Dump Vehicles; Starting Engineer on Pipeline or Construction (6 -10 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

CLASS 3. Straight Framed Truck Mounted Vac Unit (separately powered); Trac Air Machine (without attachments); Rollers - Five Ton and Under on Earth and Gravel; Form Graders; Bulk Cement Plant; Oilers; and

Starting Engineer on Pipeline or Construction (3 - 5 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

This project shall be completed in compliance with the "National Pollutant Discharge Elimination System Permit" (NPDES) requirements. The project is covered by the implementing agency's MS4 permit number ILR40 0424. The Contractor will be required to comply with all terms of the permit. As a part of the requirements the Contractor will be required to complete the "Contractor Certification Statement", on the attached BDE 2342 form and submit it to the Engineer at the pre-construction conference.

Illinois Department of Transportation

Storm Water Pollution Prevention Plan

Route	Marked Route	Section
FAU 6593		12-00361-03-SW
Project Number	**County**	**Contract Number**
	Peoria	

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issues by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name	Title	Agency
Emily Munday	Senior Engineer	Crawford, Murphy, and Tilly

Signature: Emily Munday

Date: 04/04/2016

I. Site Description

A. Provide a description of the project location (include latitude and longitude):

University Street from Forrest Hill Avenue (Lat. 40.72582, Long. -89.61277) to War Memorial Drive (Lat. 40.73253, Long. -89.61626)

B. Provide a description of the construction activity which is subject of this plan:

Resurfacing of the existing pavement, new curb and gutter, new sidewalk, traffic signal upgrades, and storm drainage system improvements that include infiltration systems.

C. Provide the estimated duration of this project:

5 months

D. The total area of the construction site is estimated to be 6 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 3 acres.

E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

0.90

F. List all soils found within project boundaries. Include map unit name, slope information and erosivity:

Rozetta silt loam, 2% to 5%, T=5 t/ac-yr

G. Provide an aerial extent of wetland acreage at the site:

Wetlands are not present

H. Provide a description of potentially erosive areas associated with this project:

The site is relatively level and completely developed as commercial sites. The site does not included streams or erosive banks.

I. The following is a description of soil disturbing activities by stages, their locations, and their erosive factors (e.g. steepness of slopes, length of scopes, etc.):

The construction site is an existing street right of way. Slopes are not more than 2%. Bare soils are subject to wind and water erosion forces.

J. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent off site sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

K. Identify who owns the drainage system (municipality or agency) this project will drain into:

City of Peoria owns the storm sewer system which outlets into Dry Run Creek.

L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located.

City of Peoria

M. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. The location of the receiving waters can be found on the erosion and sediment control plans:

Dry Run Creek

N. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes, highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc.

No sensitive areas exist withing the construction site.

O. The following sensitive environmental resources are associated with this project, and may have the potential to be impacted by the proposed development:

- ☐ Floodplain
- ☐ Wetland Riparian
- ☐ Threatened and Endangered Species
- ☐ Historic Preservation
- ☐ 303(d) Listed receiving waters for suspended solids, turbidity, or siltation
- ☐ Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity, or siltation
- ☐ Applicable Federal, Tribal, State or Local Programs
- ☐ Other

1. 303(d) Listed receiving waters (fill out this section if checked above):

   a. The name(s) of the listed water body, and identification of all pollutants causing impairment:

   b. Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:

   c. Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:

   d. Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

2. TMDL (fill out this section if checked above)

   a. The name(s) of the listed water body:

b. Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL:

c. If a specific numeric waste load allocation has been established that would apply to the project's discharges, provide a description of the necessary steps to meet the allocation:

P. The following pollutants of concern will be associated with this construction project:

☒ Soil Sediment	☒ Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
☒ Concrete	☐ Antifreeze / Coolants
☒ Concrete Truck waste	☒ Waste water from cleaning construction equipment
☒ Concrete Curing Compounds	☐ Other (specify) _____
☐ Solid waste Debris	☐ Other (specify) _____
☐ Paints	☐ Other (specify) _____
☐ Solvents	☐ Other (specify) _____
☐ Fertilizers / Pesticides	☐ Other (specify) _____

II. Controls

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in I.C. above and for all use areas, borrow sites, and waste sites. For each measure discussed, the Contractor will be responsible for its implementation as indicated. The Contractor shall provide to the Resident Engineer a plan for the implementation of the measures indicated. The Contractor and subcontractors, will notify the Resident Engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the Permit ILR10. Each such Contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. **Erosion and Sediment Controls:** At a minimum, controls must be coordinated, installed, and maintained to:
1. Minimize the amount of soil exposed during construction activity;
2. Minimize the disturbance of steep slopes;
3. Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible;
4. Minimize soil compaction and, unless infeasible, preserve topsoil.

B. **Stabilization Practices:** Provided below is a description of interim and permanent stabilization practices, including site- specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II(B)(1) and II(B)(2), stabilization measures shall be initiated **immediately** where construction activities have temporarily or permanently ceased, but in no case more than **one (1) day** after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of fourteen (14) or more calendar days.

1. Where the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
2. On areas where construction activity has temporarily ceased and will resume after fourteen (14) days, a temporary stabilization method can be used.

The following stabilization practices will be used for this project:

☒ Preservation of Mature Vegetation	☐ Erosion Control Blanket / Mulching
☐ Vegetated Buffer Strips	☒ Sodding
☒ Protection of Trees	☐ Geotextiles
☐ Temporary Erosion Control Seeding	☐ Other (specify) _____

- ☐ Temporary Turf (Seeding, Class 7) ☐ Other (specify) _____
- ☐ Temporary Mulching ☐ Other (specify) _____
- ☐ Permanent Seeding ☐ Other (specify) _____

Describe how the stabilization practices listed above will be utilized during construction:

Construction limits will be limited to only that area necessary to build the sidewalk and driveways. Trees and vegetation area to be protected and sod will be placed at the appropriate time to minimize the amount of time bare soil is exposed to erosion.

Describe how the stabilization practices listed above will be utilized after construction activities have been completed:

All disturbed areas will be stabilized with sod.

C. **Structural Practices:** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

The following stabilization practices will be used for this project:

- ☐ Perimeter Erosion Barrier ☐ Rock Outlet Protection
- ☐ Temporary Ditch Check ☐ Riprap
- ☒ Storm Drain Inlet Protection ☐ Gabions
- ☐ Sediment Trap ☐ Slope Mattress
- ☐ Temporary Pipe Slope Drain ☐ Retaining Walls
- ☐ Temporary Sediment Basin ☐ Slope Walls
- ☐ Temporary Stream Crossing ☐ Concrete Revetment Mats
- ☐ Stabilized Construction Exits ☐ Level Spreaders
- ☐ Turf Reinforcement Mats ☒ Other (specify) French drain with underdrain
- ☐ Permanent Check Dams ☐ Other (specify) _____
- ☐ Permanent Sediment Basin ☐ Other (specify) _____
- ☐ Aggregate Ditch ☐ Other (specify) _____
- ☐ Paved Ditch ☐ Other (specify) _____

Describe how the structural practices listed above will be utilized during construction:

Runoff from the project site is only by inlets and storm sewers. Practices will be used that prevent eroded soils from entering storm sewers.

Describe how the structural practices listed above will be utilized after construction activities have been completed:

The catch basins, french drain and underdrain system will transfer runoff from the street into the aggregate trench. The aggregate trench will remove pollutants from the runoff and allow runoff to infiltrate into sub-soils.

D. **Treatment Chemicals**

Will polymer flocculents or treatment chemicals be utilized on this project: ☐ Yes ☒ No

If yes above, identify where and how polymer flocculents or treatment chemicals will be utilized on this project.

E. **Permanent Storm Water Management Controls:** Provided below is a description of measures that will be

installed during the construction process to control volume and pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water act.

1. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

   The practices selected for implementation were determined on the basis of the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT Bureau of Design & Environment Manual. If practices other than those discussed in Chapter 41 are selected for implementation or if practices are applied to situations different from those covered in Chapter 41, the technical basis for such decisions will be explained below.
2. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of permanent storm water management controls:

The catch basins, french drain and underdrain system will transfer runoff from the street into the aggregate trench. The aggregate trench will remove pollutants from the runoff and allow runoff to infiltrate into sub-soils. The total volume of runoff and runoff rate will be reduced and the runoff will be cleaner after the construction is completed.

F. **Approved State or Local Laws:** The management practices, controls, and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under the Permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

G. **Contractor Required Submittals:** Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342a.
   1. The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:
      - Approximate duration of the project, including each stage of the project
      - Rainy season, dry season, and winter shutdown dates
      - Temporary stabilization measures to be employed by contract phases
      - Mobilization time frame
      - Mass clearing and grubbing/roadside clearing dates
      - Deployment of Erosion Control Practices
      - Deployment of Sediment Control Practices (including stabilized construction entrances/exits)
      - Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
      - Paving, saw-cutting, and any other pavement related operations
      - Major planned stockpiling operations
      - Time frame for other significant long-term operations or activities that may plan non-storm water discharges such as dewatering, grinding, etc.
      - Permanent stabilization activities for each area of the project
   2. The Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:

- Vehicle Entrances and Exits - Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
- Material delivery, Storage, and Use - Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
- Stockpile Management - Identify the location of both on-site and off-site stockpiles. Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
- Waste Disposal - Discuss methods of waste disposal that will be used for this project.
- Spill Prevention and Control - Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.).
- Concrete Residuals and Washout Wastes - Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
- Litter Management - Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
- Vehicle and Equipment Cleaning and Maintenance - Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
- Dewatering Activities - Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.
- Polymer Flocculants and Treatment Chemicals - Identify the use and dosage of treatment chemicals and provide the Resident Engineer with Material Safety Data Sheets. Describe procedures on how the chemicals will be used and identify who will be responsible for the use and application of these chemicals. The selected individual must be trained on the established procedures.
- Additional measures indicated in the plan.

III. Maintenance

When requested by the Contractor, the Resident Engineer will provide general maintenance guides to the Contractor for the practices associated with this project. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. It will be Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications.

IV. Inspections

Qualified personnel shall inspect disturbed areas of the construction site which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site using IDOT Storm Water Pollution Prevention Plan Erosion Control Inspection Report (BC 2259). Such inspections shall be conducted at least once every seven (7) calendar days and within twenty-four (24) hours of the end of a storm or by the end of the following business or work day that is 0.5 inch or greater or equivalent snowfall.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities are conducted, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer shall notify the appropriate IEPA Field Operations Section office by e-mail at: epa.swnoncomp@illinois.gov, telephone or fax within twenty-four (24) hours of the incident. The Resident Engineer shall then complete and submit an "Incidence of Non-Compliance" (ION) report for the identified violation within five (5) days of the incident. The Resident Engineer shall use forms provided by IEPA and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of non-compliance shall be signed by a responsible authority in accordance with Part VI. G of the Permit ILR10.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

Additional Inspections Required:

The proposed french drain aggregate materials shall be protected from soil contamination. The aggregate shall not be left in an open trench exposed to eroded soils. The Engineer and Contractor shall take extra precautions to protect the french drain aggregate from contamination. The Engineer's on-site representative shall observe the construction of the french drain and maintain field reports of this work. Any french drain aggregates contaminated with soils shall be removed and replaced with clean aggregate.

V. Failure to Comply

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the Contractor.

Illinois Department of Transportation

Contractor Certification Statement

Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Section II.G of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractors/subcontractor completing this form.

Route	Marked Route	Section
FAU 6593		12-00361-03-SW
Project Number	**County**	**Contract Number**
	Peoria	

This certification statement is a part of SWPPP for the project described above, in accordance with the General NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency.

I certify under penalty of law that I understand the terms of the Permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

☐ Contractor

☐ Sub-Contractor

Print Name	Signature
Title	**Date**
Name of Firm	**Telephone**
Street Address	**City/State/Zip**

Items which the Contractor/subcontractor will be responsible for as required in Section II.G. of SWPPP:

SECTION III

EEO CONTRACT COMPLIANCE CLAUSE

It is hereby declared to be the public policy of the City of Peoria, that it will not execute a contract for goods and/or services with any individual, business enterprise, supplier/vendor; maintain a financial relationship with any financial institution; or use the services of any labor organization or member thereof found to be in violation of the provisions of the Municipal Code for the City of Peoria, Chapter 17, Article III, Division 4, Section 17-118.

This clause covers contractors, vendors, suppliers, borrowers and/or recipients of city resources, purchasers and/or developers of city owned property, and any other individuals or entities providing goods and/or services to the City of Peoria; and are hereinafter referred to as "Contractor."

If any Contractor conducting business with the City of Peoria fails to comply with the fair employment and affirmative action provisions of Chapter 17, Article III, Division 4 of the municipal code (hereinafter Chapter 17), the city, at its option, may do any or all of the following:

(1) Cancel, terminate, or suspend the contract in whole or in part;

(2) Declare the contractor ineligible for further contracts for one calendar year;

(3) The Fair Employment and Housing Commission (hereinafter FEHC), in accordance with its rules and regulations, shall have the power to impose a penalty upon any Contractor failing to comply with Chapter 17 in an amount not less than $50.00; nor more than as provided in Chapter 1, Section 1-5 of the municipal code, for each day that the Contractor fails to comply, upon a specific finding of such violation. The FEHC may order a Contractor found guilty of failure to comply with the provisions of Chapter 17 to pay all or a portion of the legal costs incurred by the city as a result of prosecution of such violations. Penalties assessed under the this clause may be recovered from the Contractor by setoff against unpaid portion of the contract price; and

(4) Such other sanctions as may be imposed by the FEHC pursuant to the provisions of Chapter 17 and other applicable ordinance provisions of the municipal code.

During the performance of this contract, the Contractor agrees:

(A) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age, or a physical and/or mental disability which would not interfere with the efficient performance of the job in question. The contractor/vendor will take affirmative action to comply with the provisions of Peoria City Code, Chapter 17 and will require any subcontractor to submit to the City of Peoria a written commitment to comply with this division. The Contractor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral, and selection of job applicants, prospective job applicants, members, or prospective contractors.

The Contractor agrees that the provisions of Chapter 17, of the Municipal Code of the City of Peoria is hereby incorporated by reference, as if set out verbatim

(B) That it will examine each one of its workforce job classifications to determine if minorities and/or females are underutilized; and it will take appropriate affirmative action steps to rectify such identified underutilization.

(C) That if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability of minority and females in the area(s) from which it may reasonably recruit; and every good faith effort will be made in its selection process to minimize or eliminate identified areas of minority and/or female underutilization for each job classification for which there are employment opportunities.

(D) That during the performance of this contract, the Contractor will maintain its eligibility status to conduct business with the City of Peoria under the provisions of the EEO certification registration program.

(E) That in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, sex, religion, national origin, age, or physical and/or mental disability.

(F) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under Chapter 17. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with Chapter 17, the Contractor will promptly so notify the Equal Opportunity Office (hereinafter EOO) and/or the FEHC for the City of Peoria.

(G) That it will submit reports as required and furnish all relevant information as may from time to time be requested the EOO and/or the FEHC.

(H) That it will permit access to all relevant books, records, accounts and work sites by EOO staff members for purposes of investigation to ascertain compliance with Chapter 17.

(I) That it will include verbatim or by reference the provisions of Section 17-120 of Chapter 17 so that such provisions will be binding in the same manner as with other provisions of this contract. The Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further, it will promptly notify the EOO and/or FEHC in the event any subcontractor fails or refuses to comply therewith. In addition, no Contractor will utilize any subcontractor declared by the EOO and/or FEHC to be non-responsive and therefore, ineligible for contracts or subcontracts with the City of Peoria.

(J) That during the performance of this contract, the Contractor agrees: that it will have written sexual harassment policies that shall include, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under state law; (iii) a description of sexual harassment utilizing examples;
(iv) the contractor's internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission; (vi) directions on how to contact the Department of Human Rights and the Commission; and (vii) protection against retaliation as provided by Section 6-101 of this Act (Public Act 87-1257). A copy of the policies shall be provided to the Illinois Department of Human

Rights or the City of Peoria upon request.

(K) That during the performance of this contract, the Contractor agrees that they do not and will not maintain or provide for their employees, any segregated facilities at any of their establishments, or permit employees to perform their services at any location under their control where segregated facilities are maintained.

As used in this document, the term segregated facilities means any waiting rooms, work areas, rest rooms and wash rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, religion, color, national origin, because of habit, local custom, or otherwise.

(Revised 01/04)

CITY OF
PEORIA

MINORITY AND WOMEN'S BUSINESS ENTERPRISE (M/WBE) PARTICIPATION REQUIREMENTS FOR GOOD-FAITH EFFORTS

(Projects exceeding $50,000)

Description of Program

A. It is the policy of the City of Peoria to encourage participation of M/WBE's on all city-funded construction projects In complying with this clause bidders are required, when subcontracting opportunities are available, to make a good- faith effort to meet the goals established for M/WBE participation. The participation goals are cited in Section VI on the Subcontractor Utilization Statement.

B. Failure to submit the documentation requested in Sections II and III of this document may cause (1) the bid to be rejected and determined non-responsive; (2) subject the bidders to the sanctions described in Section VIII.

Pre-Bid Efforts when Awarding Subcontracts

A. Bidders are required to contact and solicit, in writing, bids from M/WBEs for available subcontracting. In seeking solicitations, bidders are to identify the portion(s) of work to be subcontracted and offer to break down any portion(s) of work into economically feasible units in order to facilitate M/WBE participation. Bidders also are to provide the name of a specific contact person in their notice to the M/WBEs. Contact shall be made prior to bid opening. The name of each company contacted, the date and method must be submitted with bid documents.

The low bidder shall provide to the City of Peoria, upon request, copies of faxes, letters, and e-mails sent to M/WBEs

B. Bidders who are a MBE or WBE are not exempt from soliciting bids for available subcontracting. The bidder is required to contact, in writing, firms that will help the bidder meet the participation goal for the targeted group opposite to which the bidder belongs. If the bidder is identified as both a MBE and WBE, the participation goals shall be deemed to have been met.

In seeking solicitations, bidders are to identify the portion(s) of work to be subcontracted and offer to break down any portion(s) of work into economically feasible units in order to facilitate M/WBE participation. Bidders also are to provide the name of a specific contact person in their notice to the M/WBEs. Contact shall be made prior to bid opening. A list containing the name of each company contacted, the date and method must be submitted with bid documents.

The low bidder shall provide to the City of Peoria, upon request, copies of faxes, letters, and e-mails sent to M/WBEs.

III. Good-Faith Efforts Documentation when Utilizing Subcontractors

A. All Bidders must provide proof of its compliance with the pre-bid requirements and good-faith efforts to the City. Both the pre-bid documentation and the support documentation requested below must be submitted with bid documents.

1. All Bidders must submit a properly completed **"Subcontractor Utilization Statement."** All Bidders must provide the scope of work to be performed, the dollar amount to be paid, and the percentage amount of the contract for each company listed.
2. All Bidders must submit a list of qualified M/WBE's who submitted proposals but will not be utilized. This list must include a justification for not accepting the proposed bid.

B. Disputes arising from the enforcement of these requirements will be resolved by the Equal Opportunity Office.

IV. Waiver Requirements When Self-Performing All Work

A. All bidders will make every effort to make subcontract opportunities available to M/WBEs. However, if such an opportunity cannot be made available, the Bidder must seek a waiver by submitting **"M/WBE Participation Waiver Request."** The waiver request must be submitted to the City of Peoria with bid documents.

B. For the M/WBE waiver request to receive consideration, the following supportive documentation that applies must accompany the form:

1. A narrative describing the Bidder's good faith efforts to secure M/WBE participation prior to bid opening.

2. A notarized affidavit attesting the Bidder did not receive inquiries or proposals from qualified M/WBEs in response to the required notification prior to bid opening.

3. A written explanation for why the Bidder believes no subcontracting opportunities exist. ***If the City of Peoria determines that the explanation is insufficient it reserves the right to halt the bid award process to request additional information from the Bidder. The Bidder will receive the request for information in writing.***

4. A written explanation for why the Bidder believes it is impracticable to award any subcontract(s) on the project in question. ***If the Equal Opportunity Office determines that the explanation is insufficient it reserves the right to halt the bid award process to request additional information from the Bidder. The Bidder will receive the request for information in writing.***

V. Change In Use of Subcontractors or Self-Performance Status

Before the General Contractor can deviate from utilizing any of the subcontractors listed on the Subcontractor Utilization Statement or its declared intent to self-perform, it must submit a completed **Notification of Change in Participation** form to the City of Peoria. Upon notification construction on the project may be delayed or halted until a review is conducted by the Equal Opportunity Office.

Regarding a self-performance change, if a subcontracting opportunity has been made available, the General Contractor must identify all good faith efforts made to meet the M/WBE participation goals, unless the change was due to an emergency.

VI. Procedures for Counting M/WBE Participation toward Goals (based upon Department of Transportation regulations)

i. When an M/WBE participates in a contract, count only the value of the work actually performed by the M/WBE toward M/WBE participation goals.

1. Count the entire amount of that portion of a construction contract (or other contract not covered by paragraph (i)(2) of this section) that is performed by the M/WBE's own forces. Include the cost of supplies and materials obtained by the M/WBE for the work of the contract including supplies purchased or equipment leased by the M/WBE (except supplies and equipment the M/WBE subcontractor purchases or leases from the prime contractor or its affiliate).

2. Count the entire amount of fees or commissions performed by an M/WBE firm towards M/WBE goals if that firm provides the Apparent Low Bidder a bona fide professional, technical, consultant, or managerial service or provides bonds or insurance specifically required in a City of Peoria contract.

3. If an M/WBE subcontracts a portion of its work to an M/WBE, 100% of the value of the subcontracted work may be counted toward the M/WBE goal, but any portion of the work the M/WBE subcontracts to a non-M/WBE does not count toward the M/WBE goal.

ii. When an M/WBE participates in a joint venture on a City contract, only count the dollar value of the portion of the work that the M/WBE performs with its own forces toward M/WBE goals.

iii. Count expenditures to an M/WBE contractor toward M/WBE goals if, and only if, the M/WBE is performing a commercially useful function on that contract.

1. An M/WBE performs a commercially useful function when it is responsible for performing, managing, and supervising its contracted work; moreover, with respect to materials and supplies used on the contract, it must also be responsible for negotiating its price, and purchasing and managing those supplies.

2. An M/WBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of M/WBE participation. It should be noted that an effort contrived to give the appearance of M/WBE participation is not considered a good faith effort and is considered an ethical violation that is subject to sanctions outlined in section V.

3. If an M/WBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own work force, you must presume that it is not performing a commercially useful function and the dollar amount of that work will not count toward the M/WBE goals.

4. When an M/WBE is presumed the City of Peoria not to be performing a commercially useful function as provided in paragraph (iii)(3) of this section, the M/WBE may present evidence to rebut this presumption. Your rebuttal is subject to review by the City of Peoria.

iv. Use the following factors in determining if an M/WBE trucking company is performing a commercially useful function:

1. The M/WBE trucking company must manage and supervise the trucking work it is being paid to perform. A contrived arrangement for the purpose of giving the appearance of meeting M/WBE goals is not considered a good faith effort.

2. The M/WBE trucking company must own and operate at least one fully licensed, insured, and operational truck used on the contract.

3. The M/WBE trucking company receives credit for the total dollar value of the transportation services it provides on the contract using trucks it owns, insures, and operates.

4. The M/WBE trucking company may lease trucks from another M/WBE trucking firm, including an owner-operator who is certified as an M/WBE. The M/WBE who leases trucks from another M/WBE receives total credit for the dollar value of the transportation services the M/WBE trucking lessee provides on the contract.

5. The M/WBE trucking company may also lease trucks from a non-M/WBE trucking firm, including an owner-operator. The M/WBE who leases trucks from a non-M/WBE is only entitled to credit for the fee or commission it receives as a result of the lease arrangement. The M/WBE does not receive credit for the total dollar value of the transportation services provided by the lessee since these services are not provided by an M/WBE.

6. A lease agreement with an M/WBE trucking firm must indicate that the M/WBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the M/WBE, so long as the lease gives the M/WBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the M/WBE.

v. Count expenditures with M/WBEs for materials and supplies toward M/WBE goals in the following manner:

1. If the materials or supplies are obtained from an M/WBE manufacturer, count 100% of the cost of the materials or supplies toward M/WBE goals.

Note: For purposes of this paragraph (v)(1), a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the

contract and of the general character described by the specifications.

2. If the materials or supplies are purchased from an M/WBE regular dealer, count 60% of the cost of the materials or supplies toward M/WBE goals.

   Note: For purposes of this section, a regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are brought, kept in stock, and regularly sold or leased to the public in the usual course of business.

   (A) To be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.

   (B) A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business as provided in this paragraph (v)(2), if the person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not on an ad hoc or contract-by-contract basis.

   (C) Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers within the meaning of the paragraph (v)(2).

3. If materials or supplies are purchased from an M/WBE which is neither a manufacturer nor a regular dealer, count only 5% of the contract amount toward the M/WBE goals.

VII. Record Keeping and Reporting

A. The General Contractor and subcontractors agree to maintain records demonstrative of its good faith efforts to comply with the participation goals attached to the project. This would include, but not limited to, names of M/WBEs and non-minority firms awarded subcontracts, including dollar amount of the contract, payments to subcontractors, and weekly certified payroll reports. These records shall be made available to the City of Peoria.

B. All information will be provided through ePrismSoft, an electronic web based compliance tracking software. Access to ePrismSoft has been furnished by the City of Peoria. To activate access, the General Contractor and subcontractors must contact Human Capital Development at webnfo@eprismsoft.com or 309/692-6400.

VIII. Sanctions

A. The Equal Opportunity Office may recommend the rejection of the apparent low bid where the information submitted by the Apparent Low Bidder fails to objectively demonstrate compliance with the M/WBE Good-Faith Efforts requirements. The Apparent Low Bidder will be notified of this decision and the reasons in writing. The Apparent Low Bidder may request a hearing within five (5) business days of this notice. The request must be submitted to the Equal Opportunity Office. The hearing will be held no later than seven (7) business days after receipt of request. The City Manager or designee will conduct all hearings.

B. Upon a finding that any party has not complied with the provisions of this clause, any one or a combination of the following actions may be taken:

1. Declare the Apparent Low Bidder non-responsive and therefore ineligible for contract award.

2. Declare the Apparent Low Bidder ineligible for further contracts for a calendar year.

3. File a formal complaint against Apparent Low Bidder, and/or subcontractor with the Fair Employment and Housing Commission.

org. 05/08/08 rev.
04/17/12

HUMAN RIGHTS ACT

The contract will be subject to and governed by the rules and regulations of the Illinois Human Rights Act, including Public Act 87-1257 (effective July 1, 1993) which requires that every bidder shall have a written sexual harassment policy that includes, at a minimum, the following information:

a. The illegality of sexual harassment;

b. The definition of sexual harassment under State law;

c. A description of sexual harassment, utilizing examples;

d. The bidder's internal complaint process including penalties;

e. The legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Illinois Human Rights Commission;

f. Directions on how to contact the Department and the Commission;

g. Protection against retaliation as provided in the Act.

Bidders are hereby placed on notice, a copy of its policy shall be provided to the Department upon request.

SAXI-93
effective 7-1-93
per Legal Dept

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

No ERRATA this year.

SUPPLEMENTAL SPECIFICATIONS

CHECK SHEET
FOR
RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

RECURRING SPECIAL PROVISIONS

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CHECK SHEET
FOR
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of University Street (Sec 12-00361-04-FP), and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

SEQUENCE OF CONSTRUCTION

The Contractor shall submit a progress schedule to the Resident Engineer before any work begins. The schedule shall identify the proposed sequence of work, the controlling item of work for each stage, and a calendar day schedule based on typical working day conditions. The progress schedule shall be updated by the Contractor as the work proceeds. Payment under this contract may be withheld if the Contractor has not submitted a satisfactory progress schedule.

Proposed improvements shall be constructed in an orderly and continuous manner. The Contractor shall make daily progress and not interrupt construction activity unless weather or unexpected utility conflicts prevent progress. The Contractor shall be solely responsible for coordinating utility relocations and providing sufficient materials, labor and equipment to complete the project within the contract time. Once the Contractor begins to remove driveways or street pavement, the Contractor is expected to work expeditiously in completing the project. The Contractor shall inform the Resident Engineer on a weekly basis what work will be performed the next week. The Contractor shall also inform the Resident Engineer of any changes to the weekly work plan at the earliest opportunity.

The City of Peoria expects the project work to begin with construction of the watermain replacement and storm drainage system. This work shall be started at the earliest opportunity and shall be accomplished without overnight lane closures.

All sidewalk, drainage, driveway, curb and gutter, and traffic signal work is to be provided under a separate contract awarded by the City of Peoria. Upon completion of curb and gutter work, the City of Peoria shall coordinate the work of the two contracts.

COMPLETION DATE

The Contractor shall schedule his operations so as to complete all work and open all the roadway to traffic on or before ctober 1, 2016. All concrete curb and gutter work along the public streets shall be completed by September 14, 2016.

TRAFFIC CONTROL & PROTECTION

This work shall consist of all the furnishing of labor, materials, and equipment necessary to control and direct traffic traveling within the project limits for the purposes of protecting persons and property within the work zone from damage and injury. The Contractor's efforts shall be guided by the standard detail drawings produced by the Illinois Department of Transportation and accepted standard practice. Section 701 of the Standard Specifications provides material and

equipment requirements and operational practices to be employed by the Contractor. Section 701 is modified by this special provision to remove responsibility from the Engineer and City of Peoria for the administration, approval, and consent of the traffic control.

In general, protection of the public shall be in accordance with Chapter 26, Article V of the Code of the City of Peoria, Illinois entitled "Excavation Generally," except that Sections 26-139, 26-140, 26-141 and 26-142 shall not apply.

The construction drawings do not include project specific traffic control plans to be followed by the Contractor. The Contractor shall develop traffic control plans for the various elements of work in accordance with the standard details included by reference. The traffic control measures shall be tailored to the Sequence of Work that is employed by the Contractor. The Contractor is solely responsible for traffic control and protection within the project limits from the inception of the work until the final completion. The Resident Engineer is available to the Contractor for consultation about the minimum requirements of the Standard Details and Standard Specifications.

The Contractor is expected to maintain a minimum of one lane per direction open to traffic at all times for traffic. It is absolutely necessary that one lane of roadway can be used by fire, police, and other emergency vehicles at all times under all weather conditions. The contractor shall, at all times, maintain a means for sidewalk traffic to detour the work zone. The Contractor will be responsible for scheduling his operations to provide access to all businesses located along the improvement that have current access to the street.

Traffic control and protection measures shall also be placed along intersecting streets to notify drivers of the construction activity of the construction activity ahead.

The Contractor shall sweep and remove any soil tracked onto the street by the end of the workday or before four (4) hours has elapsed, whichever is sooner.

All labor, materials, and equipment required to plan and implement a traffic control plan throughout the contract duration will be paid for at the contract unit price per Lump Sum for Traffic Control and Protection, (Special).

CUTTING EXISTING PAVEMENTS, SIDEWALKS, AND CURB & GUTTER

At locations where new construction will abut existing asphalt or concrete pavements, driveways, sidewalk, or curb and gutter; a uniformly straight cut shall be obtained by the use of a diamond concrete saw. The use of pneumatic tools to make these cuts will not be allowed. This work shall be considered as included in the contract unit prices for the various pay items of the proposed construction involved and no additional compensation will be allowed.

PROTECTION OF EXISTING TREES

All necessary precautions shall be taken to prevent damage to existing trees. Roots of two inch (2") diameter or more shall not be severed. Precautions shall be taken to prevent damage to the bark of existing trees by machinery or other means. Any damage shall be corrected as directed by the Engineer at the expense of the Contractor.

ABANDONED EXISTING STORM SEWER PIPES
Where existing storm sewers are to be abandoned in place, the remaining pipe opening shall be sealed using concrete or brick masonry units and grout to prevent the infiltration of ground water into the abandoned pipe. This work will not be paid for separately but will be considered as included in the contract unit prices for the various storm sewer pay items and no additional compensation will be allowed.

SALVAGEABLE MATERIALS
All materials deemed salvageable by the Engineer shall remain the property of the City of Peoria and shall be delivered to the location designated by the Engineer. The Contractor shall dispose of any materials off site that the Engineer determines should not be salvaged. This work will not be paid for separately and is considered to be included in the cost of the various removal items.

BOX CULVERT REMOVAL
The existing concrete box culvert shall be completely removed in accordance with Section 501 of the Standard Specifications at the locations indicated in the plans. The structure shall be removed to allow for installation of a new storm sewer pipe in the same location. Removal methods shall minimize the area of excavation and pavement removal. Payment for all work and disposal of materials shall be at the contract unit price for foot of box culvert removed.

FRENCH DRAIN
This work and materials shall be in accordance with plan details and the Standard Specifications. The French Drain is to be constructed at specified locations under the curb and gutter. The various materials and work required to construct the French Drain are described as follows.

Earth Excavation – Excavation for the trench shall be paid per cubic yard of excavated materials. The plan quantity has been calculated from cross sections using the measured average end-area. The trench excavation limits shall be kept to a minimum. The contractor will not be paid for excavation wider or deeper than the specified dimensions of the trench.

Geotechnical Fabric for French Drain – Nonwoven fabric as specified in Article 1080.05 of the Standard Specifications shall be used. Fabric shall be placed along the length of the trench using pins to hold the fabric against the trench walls. After aggregate has been placed in the trench, the fabric shall be wrapped over the top of the trench and overlapped not less than 6 inches. When a second roll of fabric must be used to continue the trench, the fabric shall be overlapped not less than 2 two feet and secured with pins. The upstream fabric shall lay on top of the downstream fabric. Securing pins shall be included in the unit price for the fabric.

Pipe Underdrains – Pipe underdrains of the specified diameter shall be placed within the aggregate French Drain at the specified elevation. Perforated PVC pipe per Article 1040.03 shall be installed. Other pipe materials will not be allowed. The underdrain pipe shall be installed without the fabric envelope. The pipe underdrain shall be measured and paid at the contract unit price per foot.

Aggregate for French Drains – Aggregate materials shall be of gradation CA-11 or CM-11 per Section 1004. The aggregate shall be gravel and not crushed. Because the aggregate must allow water to flow freely through the French Drain, the aggregate shall be kept in a clean condition

and not contaminated with native soil material, vegetation, sand, or other debris. The aggregate shall not be stockpiled on the project site. The material shall be transferred directly from the delivery truck and into the trench. Contaminated aggregates shall be removed from the project at the Contractor's expense. Material will only be approved for payment that is within the fabric lined trench and complies with the plan details and these specifications.

CATCH BASIN (SPECIAL)
This work and materials shall be in accordance with plan details and Section 602 of the Standard Specifications. The contractor shall submit shop drawings of each structure for review by the Engineer before their manufacture. These drainage structures will capture runoff from the street and transfer the runoff into the French Drain. Payment for all work and materials shall be at the contract unit price per each structure of the specified diameter. The depth of each structure is unique and specified in the plan detail according to pipe size and pipe invert.

STORM SEWER, CLASS B
This work shall comply with Section 550 of the Standard Specifications with the exception that Trench Backfill will not be measured or paid for separately. Trench Backfill will be required for all storm sewer installations and the cost of furnishing and installing the aggregate material shall be included in the unit price for Storm Sewers, Type B.

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (MODIFIED)
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (MODIFIED)
This work shall consist of constructing curb and gutter in accordance with Highway Standard 606001 and as modified by the detail provided in the construction plans. Section 606 of the Standard Specifications shall govern the work and materials of curb and gutter. The PCC sidewalk support shall be constructed in conjunction with the plan detail and payment for all material work shall be included in the unit price for curb and gutter.

CONCRETE CURB (SPECIAL)
Concrete Curb (Special) shall be installed at locations specified and as shown in the plan detail. This item is required where the curb height above grade is to be taller than 6 inches. Reinforcement bars shall be provided and installed as shown in the plan detail. Section 606 of the Standard Specifications shall govern the materials and construction of this item.

Work will be paid for at the Contract Unit Price per Linear Foot of Concrete Curb (Special), which price shall be considered payment in full for all labor, equipment, backfill, and all material necessary to complete the work.

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING (VARIABLE DEPTH)
This work shall comply with all requirements of Section 353 of the Standard Specifications. The material shall be placed at the locations indicated in the typical sections for the purpose of widening the existing pavement. The thickness of the PCC material shall be placed 4" below the proposed pavement surface and not be less than 6" thick. Below the minimum 6" thickness, the Contractor has the option of placing PCC or Sub-Base Granular Material to fill any void caused by the removal of existing pavement, medians, curb and gutter. The cost of using PCC material thicker than 6 inches will not warrant an adjustment in the unit price of this pay item. Existing pavement thickness information is provided at specified locations where cores where extracted.

That information is provided in table format in the Removal Plan sheets. This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE BASE COURSE WIDENING (VARIABLE DEPTH).

PARKING LOT PAVEMENT REMOVAL

This work shall be completed in accordance with Section 440 of the Standard Specifications. The locations and limits are identified in the plans. The existing pavement material may be asphalt or Portland cement concrete of varying thickness. Removal of the existing pavement is necessary to allow for construction of the sidewalk and in some locations, curb and gutter. Work and disposal of materials shall be paid at the contract unit price per square yard.

CONCRETE MEDIAN SURFACE, SPECIAL

The material and work shall be in accordance with Section 606 of the Standard Specifications. The median pavement shall be 9 inches thick and finished flat without grooves. The surface shall have a broomed surface. The median pavement shall be placed at the location shown on the plan, typical section and cross sections. Sub-base granular material shall also be placed below the median pavement as shown in the plans. All work and materials shall be paid at the contract unit price per square foot.

VALVE VAULT TO BE ADJUSTED

The existing concrete vault on private property within the driveway on the left side at Sta 104+75 is a precast concrete structure containing water valves and related equipment. The Contractor shall remove the top slab of the vault without damaging the slab. The Contractor shall order precast concrete risers to place on the existing box walls once the top slab is removed. The risers shall be the correct height to allow the top slab to be placed at the correct elevation to match the profile grade of the proposed driveway pavement as detailed in the plans. The risers and top slab shall be secured in place thereby preventing movement of the elements. The Contractor must use lifting devices that will not damage the precast slab. Any damage to the existing vault shall be repaired or replaced to the satisfaction of the Engineer. All work and materials necessary to adjust the elevation of the valve vault shall be paid at the contract unit price per each location.

RESETTING OF SECTION CORNERS

The Contractor will be responsible for locating and making recovery ties for all of the section corners before and after construction. If section monuments have been disturbed, the Contractor's Land Surveyor will be responsible for replacing the section corner with the appropriate information and recording the new Monument Records with the appropriate County Recorder as required by law. This work will not be paid for separately. The Contractor is expected to preserve and protect monuments such that replacement is not necessary.

MULCH

his work shall consist of all the furnishing of labor, materials, and e uipment necessary to place landscaping mulch around proposed plantings as directed by the ngineer he landscaping mulch shall be shredded hardwood All work and materials shall be paid at the contract unit price per s uare yard for

VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA

The video detection cameras shall be an Iteris RZ4 Advanced WDR or approved equivalent (4 Camera System). The rack module shall be Iteris VRACK-TS2 System 2+2 or equivalent appropriately paired with cameras. Video feed cables shall be Beldin 8281. Camera power cables shall be IMSA 19-1, 3-Conductor cables.

The video vehicle detection system shall include all necessary electric cable, electrical junction boxes, electrical and coaxial surge suppression, network communication surge protection, hardware, software, programming, and any camera brackets that are required for installation and configuration. These items should be taken into consideration and shall be included in the bid price for the video detection system.

One 15" – 20" color LCD video monitor and 4-camera video selector (if required to switch camera videos) shall be included for each installation to allow for the setup and monitoring of the video detection system.

All vehicle video detection systems shall be equipped with the latest software or firmware revisions.

The video vehicle system shall be configured and installed to NEMA TS2 Standards (use of the SDLC port and BIU). Installation conforming to NEMA TS1 standards will not be allowed.

The minimum requirements for a video vehicle detection system are listed below:

1.0 General

This Specification sets forth the minimum requirements for a system that monitors vehicles on a roadway via processing of video images and provides detector outputs to a traffic controller or similar device.

1.1 System Hardware

The system shall consist of four video cameras and an automatic control unit (ACU). The ACU shall process all detected calls and shall be equipped with the latest firmware revisions.

1.2 System Software

The system shall be able to detect either approaching or receding vehicles in multiple traffic lanes. A minimum of 24 detection zones shall be user-definable per camera. The user shall be able to modify and delete previously defined detection zones. The software shall provide remote access operation and shall be the latest revision.

2.0 Functional Capabilities

2.1 Real-Time Detection

2.2 The ACU shall be capable of simultaneously processing information from up to four (4) video sources. The video shall be digitized and analyzed at a rate of 30 times per second.

2.3 The system shall be able to detect the presence of vehicles in a minimum of 96 detection zones within the combined field of view of the image sensors.

3.0 Vehicle Detection

3.1 Detection Zone Placement

The video detection system shall provide flexible detection zone placement anywhere and at any orientation within the combined field of view of the image sensors. In addition, detection zones shall have the capability of implementing logical functions including AND and OR.

3.2 Optimal Detection

The video detection system shall reliably detect vehicle presence when the image sensor is mounted 10m (30 ft.) or higher above the roadway, when the image sensor is adjacent to the desired coverage area, and when the length of the detection area or field of view (FOV) is not greater than ten (10) times the mounting height of the image sensor. The image sensor shall not be required to be mounted directly over the roadway. A single image sensor, placed at the proper mounting height with the proper lens, shall be able to monitor six (6) to eight (8) traffic lanes simultaneously.

3.3 Detection Performance

Overall performance of the video detection system shall be comparable to inductive loops. Using standard image sensor optics and in the absence of occlusion, the system shall be able to detect vehicle presence with 98% accuracy under normal conditions, (days & night) and 96% accuracy under adverse conditions (fog, rain, snow). The ACU shall output a constant call for each enabled detector output channel if a loss of video signal occurs in any camera.

The ACU shall be capable of processing a minimum of twenty detector zones placed anywhere in the field of view of the camera.

4.0 ACU Hardware

4.1 ACU Mounting

The ACU shall be shelf or rack mountable. Nominal outside dimensions excluding connectors shall not exceed 180mm (7.25") x 475mm (19") x 260mm (10.5") (H x W x D).

4.2 ACU Environmental

The ACU shall be designed to operate reliably in the adverse environment found in the typical roadside traffic cabinet. It shall meet the environmental requirements set forth by the NEMA (National Electrical Manufacturers Association) TS1 and TS2 standards as well as the environmental requirements for Type 170 and Type 179 controllers. The minimum operating temperature range shall be from -35 to +74 degrees C at 0% to 95% relative humidity, non-condensing.

5.0 ACU Electrical

5.1 The ACU shall be modular in design and provide processing capability equivalent to the Intel Pentium microprocessor. The bus connections used to interconnect the modules of the ACU shall be gold-plated DIN connectors.

5.2 The ACU shall be powered by 89 - 135 VAC, 60 Hz, single phase, and draw 0.25 amps, or by 190 - 270 VAC, 50 Hz, single phase and draw 0.12 amps. If a rack mountable ACU is supplied, it shall be capable of operating from 10 to 28 VDC. The power supply shall automatically adapt to the input power level. Surge ratings shall be as set forth in the NEMA TS1 and TS2 specifications.

5.3 Serial communications to a remote computer equipped with remote monitoring software shall be through an RS-232 serial port. A 9-pin "D" subminiature connector on the front of the ACU shall be used for serial communications.

5.4 The ACU shall be equipped with a NEMA TS2 RS-485 SDLC interface for communicating input and output information. Front panel LEDs shall provide status information when communications are open.

5.5 The ACU and/or camera hookup panel shall be equipped with four RS-170 (B&W)/NTSC (color) composite video inputs for coaxial camera connections or so that signals from four image sensors can be processed in real-time.

5.6 The ACU shall be equipped with a port to provide communications to a computer running the remote access software.

5.7 The ACU and/or camera hookup panels used for a rack mountable ACU shall be equipped with a video output port.

5.8 The ACU shall be equipped with viewable front panel detection LED indications.

5.9 A video switcher that is capable of displaying all four video images on the screen simultaneously shall be provided.

6.0 Camera

6.1 The video detection system shall use medium resolution, monochrome or color, image sensors as the video source for real-time vehicle detection. As a minimum, each image sensor shall provide the following capabilities:

a. Images shall be produced with a CCD sensing element with horizontal resolution of at least 500 lines and vertical resolution of at least 350 lines.

b. Usable video and resolvable features in the video image shall be produced when those features have luminance levels as low as 0.1 lux at night.

c. Usable video and resolvable features in the video image shall be produced when those features have luminance levels as high as 10,000 lux during the day.

d. Automatic gain, automatic iris, and absolute black reference controls shall be furnished.

e. An optical filter and appropriate electronic circuitry shall be included in the image sensor to suppress "blooming" effects at night.

6.2 The image sensor shall be equipped with an integrated zoom lens with zoom and focus capabilities that can be changed using either configuration computer software or hand-held controller. The machine vision processor (MVP) may be enclosed within the camera.

6.3 The image sensor and lens assembly shall be housed in an environmental enclosure that provides the following capabilities:

a. The enclosure shall be waterproof and dust-tight to NEMA-4 specifications.

b. The enclosure shall allow the image sensor to operate satisfactorily over an ambient temperature range from -34C to +74C while exposed to precipitation as well as direct sunlight.

c. The enclosure shall allow the image sensor horizon to be rotated in the field during installation.

d. The enclosure shall include a provision at the rear of the enclosure for connection of power and video signal cables fabricated at the factory. Input power to the environmental enclosure shall be either 115 VAC 60 Hertz or 24 VAC/DC 60 Hertz.

e. A heater shall be at the front of the enclosure to prevent the formation of ice and condensation in cold weather, as well as to assure proper operation of the lens' iris mechanism. The heater shall not interfere with the operation of the image sensor electronics, and it shall not cause interference with the video signal.

f. The enclosure shall be light-colored and shall include a sun shield to minimize solar heating. The front edge of the sunshield shall protrude beyond the front edge of the environmental enclosure and shall include provision to divert water flow to the sides of the sunshield. The amount of overhang of the sun shield shall be adjustable to prevent direct sunlight from entering the lens or hitting the faceplate.

g. The total weight of the image sensor in the environmental enclosure with sunshield shall be less than 2.7 kg (6 pounds).

h. When operating in the environmental enclosure with power and video signal cables connected, the image sensor shall meet FCC class B requirements for electromagnetic interference emissions.

6.3 The video output of the image sensor shall be isolated from earth ground. All video connections from the image sensor to the video interface panel shall also be isolated from earth ground.

6.4 The video output, communication, and power to the image sensor shall include transient protection to prevent damage to the sensor due to transient voltages occurring on the cable leading from the image sensor to other field locations.

6.5 A stainless steel junction box shall be available as an option with each image sensor for installation on the structure used for image sensor mounting. The junction box shall contain a terminal block for terminating power to the image sensor and connection points for cables from the image sensor and from the ACU.

6.6 A video interface panel shall be included for installation inside of the traffic cabinet. The panel shall provide coaxial cable / twisted pair connection points and an Edco CNX06-

BNCY or approved equal transient suppressor for each image sensor. The shield side of the coaxial cable connection at the transient suppressor shall be connected to earth ground via the transient suppressor.

If the cable used to connect the video signal from the image sensor to the ACU is to be routed through a conduit containing unbundled AC power cables, a video isolation amplifier shall be installed in addition to the video interface panel if interference is present. There will be no additional compensation for providing the video isolation amplifier if necessitated by the presence of video interference. The isolation amplifier shall buffer the video signal and provide transient suppression. The isolation amplifier shall have a minimum common mode rejection ratio at 60 Hz of 100 dB.

6.6 The image sensor shall be connected to the ACU such that the video signal originating from the image sensor is not attenuated more than 3 dB when measured at the ACU. When the connection between the image sensor and the ACU is coaxial cable, the coaxial cable used shall be a low loss 75 ohm precision video cable suited for outdoor installation, such as Belden 8281, West Penn P806, or approved equal.

7.0 Software

7.1 The system shall include the remote access software that is used to setup and configure the video detection system. The software shall be of the latest revision.

7.2 All necessary cable, adapters, and other equipment shall be included with the system.

8.0 Installation and Training

8.1 The supplier of the video detection system shall supervise the installation and testing of the video and video vehicle detection equipment. A factory certified representative from the supplier shall be on-site during installation.

9.0 Warranty, Maintenance, and Support

9.1 The video detection system shall be warranted by its supplier for a minimum of two (2) years from date of turn-on. This warranty shall cover all material defects and shall also provide all parts and labor as well as unlimited technical support.

9.2 Ongoing software support by the supplier shall include updates of the ACU and supervisor software. These updates shall be provided free of charge during the warranty period.

9.3 The supplier shall maintain a program for technical support and software updates following expiration of the warranty period. This program shall be made available to the contracting agency in the form of a separate agreement for continuing support.

Basis of Payment:

This work will not be paid for separately, but shall be included in the contract unit price each for VIDEO VEHICLE DETECTION. 4 CAMERAS which price shall be payment in full for all labor, equipment, and materials required to furnish, install, and test the video vehicle detection system described above, complete.

RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE

This work shall consist of the relocation of existing emergency vehicle priority system equipment at the intersection of University Street and the Access Road as shown on the plans. This work shall be completed as specified in Article 895 of the Standard Specifications. The installation shall be done according to the specifications for Confirmation Beacon and Light Detector.

This work will be paid for at the contract unit price per each for RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE.

REBUILD EXISTING HANDHOLE

Description: This work shall consist of adjusting an existing handhole to bring the frame to the proposed grade at the locations shown on the plans or as directed by the Engineer.

General: The work shall be performed according to Section 603 and Section 814 of the "Standard Specifications", and the following:

1. Excavate the area adjacent to each side of the handhole to allow forming.
2. Remove the handhole frame and cover. Remove the existing walls of the handhole to a depth of 8" below the proposed finished grade.
3. Drill eight, ¾" diameter holes, 6" in deep into the remaining concrete. Drill 2 holes on each of the four handhole walls.
4. Install a 12" long section of #5 reinforcement bar, epoxy coated, in each drilled hole. The bars shall be installed with an approved masonry epoxy from the Approved List of Chemicals Adhesives (IDOT Bureau of Materials and Physical Research).
5. Form and place the new portions of the handhole walls. Replace the steel hooks as required.
6. Reinstall the handhole frame and cover.

All concrete debris shall be disposed of outside the right-of-way according to the requirements of Article 202.03 of the "Standard Specifications".

Basis of Payment: This work will be paid for at the contract unit price per each for REBUILD EXISTING HANDHOLE. The unit price shall include all labor materials and equipment required to perform the work. No additional compensation will be allowed for multiple adjustments to the same structure.

REMOVE EXISTING HANDHOLE

This work shall consist of removing existing handholes at locations identified on the plans. This work shall be completed as specified in Article 895 of the Standard Specifications. This work will be paid for at the contract unit price per each for REMOVE EXISTING HANDHOLE.

REMOVE EXISTING CONCRETE FOUNDATION

This work shall consist of removing existing concrete foundations at locations identified on the plans. This work shall be completed as specified in Article 895 of the Standard Specifications. This work will be paid for at the contract unit price per each for REMOVE EXISTING CONCRETE FOUNDATION, which price

shall be payment in full for all labor, equipment and materials necessary to complete this work as specified herein and as directed by the Engineer.

SYSTEM IMPLEMENTATION, EQUIPMENT INTEGRATION AND SUPPORT

The Contractor shall install the CCTV cameras at the locations indicated on the plans.

All furnished components shall be subject to a 30 day burn-in period. During the "burn-in" period, all components shall perform continuously, without any interruption of operation, for a period of thirty days. In the event that there are operational problems during the burn-in period, the burn-in period shall reset back to day one.

After the successful completion of the burn-in period, the system will have completed final acceptance.

Integration of the proposed cameras into the existing ITS system will be by others.

The Contractor shall be responsible for installing the proposed CCTV cameras in accordance with the plans, specifications, and manufacturers recommended practices.

This work will not be paid for separately, but shall be included in the contract bid price.

CONTRACT GUARANTEE

The Contractor shall guarantee all electrical equipment, apparatus, materials, and workmanship provided under the contract for a period of six (6) months after the date of final inspection according to Article 801.14.

All instruction sheets required to be furnished by the manufacturer for materials and supplies and for operations shall be delivered to the Engineer prior to the acceptance of the project, with the following warranties and guarantees:

1. The manufacturer's standard written warranty for each piece of electrical equipment or apparatus furnished under the contract.

2. The Contractor's written guarantee that, for a period of six (6) months after the date of final inspection of the project, all necessary repairs to or replacement of said warranted equipment, or apparatus shall be made by the Contractor at no cost to the Department.

3. The Contractor's written guarantee for satisfactory operation of all electrical systems furnished and constructed under the contract for a period of 6 months after final inspection of the project.

CLOSED-CIRCUIT TELEVISION DOME CAMERA, IP BASED

Description. This work shall consist of furnishing and installing an integrated Closed-Circuit Television (CCTV) Dome Camera Assembly, camera brackets, and all other items required for installation and operation. This assembly shall contain all components identified in the Materials Section and shall be configured as indicated on the plan sheets.

Materials.

The CCTV camera shall be an Axis Model Q6042-E Dome Camera Assembly for integration into the existing District 3 ITS system.

The Contractor shall provide all materials required to install the proposed camera on the proposed combination mast arm strain pole as shown on the plan sheets.

The Contractor shall submit catalog cut sheets to the Department for all items (mounting brackets, hardware, etc.) that will be utilized for review prior to commencing work.

The Department will program the cameras.

The camera shall meet or exceed the following specifications:

CAMERA

VIDEO:	60 Hz (NTSC), 50 Hz (PAL)
IMAGE SENSOR:	¼" ExView HAD Progressive Scan CCD
LENS:	3.3 – 119 mm, F1.4 – 4.2, autofocus, automatic
	day/night, horizontal angle of view: 1.7° - 57.2°
MINIMUM ILLUMINATION:	Color: 0.5 lux at 30 IRE F1.4, B/W: 0.008 lux at 30 IRE F1.4
SHUTTER TIME: NTSC:	1/30,000 s to 0.5 s (60 Hz), PAL: 1/30,000 s – 1.5 s (50 Hz)
PAN/TILT/ZOOM:	E-flip, 256 preset positions
	Pan: 360° endless, 0.05 – 450°/s
	Tilt: 220°, 0.05 – 450°/s
	Zoom: 36x optical zoom and 12x digital zoom, total 432x zoom
	Guard tour
	Control queue
	On-screen directional indicator
	Tour Recording

VIDEO

VIDEO COMPRESSION:	H.264 (MPEG-4 Part 10/AVC), Motion JPEG
RESOLUTIONS:	NTSC: 752x480 to 176x120 (60 Hz), PAL: 736x576 to 176x144 (50 Hz)
FRAME RATE (H.264):	Up to 30/25 (NTSC/PAL) fps in all resolutions
FRAME RATE (M-JPEG):	Up to 30/25 (NTSC/PAL) fps in all resolutions
VIDEO STREAMING:	Multi-stream H.264 and Motion JPEG: 3 simultaneous, individually
	configured streams in max. resolution at 30/25 (NTSC/PAL) fps;

	more streams if identical or limited in frame rate/resolution;
	Controllable frame rate and bandwidth; VBR/CBR H.264
IMAGE SETTING:	Wide Dynamic Range (WDR), Electronic Image Stabilization
	(EIS), manual shutter time, compression, color, brightness,
	contrast, sharpness, rotation, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, aspect ratio correction, Text and image overlay, privacy mask, image freeze on PTZ

NETWORK

SECURITY:	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X* network access control, digest authentication, user access log
PROTOCOLS:	IPv4/v6, HTTP, HTTPS*, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP

SYSTEM INTEGRATION

APPLICATION PROG	Open API for software integration, including VAPIX® from Axis
INTERFACE:	Communications available at www.axis.com
INTELLIGENT VIDEO:	Video motion detection, auto-tracking, active gate-keeper, Axis platform enabling installation of additional applications
EVENT TRIGGERS:	Video motion detection, Shock detection, Fan, Heater, Temperature, Manual trigger, Autotracking, Moving, PTZ preset,
	Edge storage events, AXIS Camera Application Platform
EVENT ACTIONS:	File upload: FTP, HTTP, network share and email, Notification: email, HTTP and TCP, PTZ preset, Guard tour, Autotracking, Day/night mode, Video recording to edge storage, Pre- and post-alarm video buffering
BUILT IN INSTALLATION AIDS	Pixel Counter

GENERAL

CASING:	IP66-, NEMA 4X- and IK10-rated metal casing (aluminum),
	polycarbonate (PC) clear dome, sunshield (PC/ASA)
MEMORY:	512 MB RAM, 128 MB Flash

POWER CAMERA:	High Power over Ethernet (High PoE), max. 60 W AXIS T8124 High PoE 60 W Midspan 1-port: 100–240 V AC, max. 74 W
CONNECTORS:	RJ-45 for 10BASE-T/100BASE-TX, IP66-rated RJ-45 connector kit included
EDGE STORAGE:	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included); support for recording to network share (network-attached storage or file server)
OPERATING CONDITIONS:	Camera unit: -50 °C to 50 °C (-58 °F to 122 °F), Arctic Temperature Control enables camera start-up at temperatures as low as -50 °C (-58 °F), Humidity 10–100% RH (condensing)
APPROVALS:	EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 Type 4X, NEMA TS-2-2003 v 02.06, subsection 2.2.7, 2.2.8, 2.2.9; IEC 62262 IK10, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-60, ISO 4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
WEIGHT:	3.7 kg (8.2 lb.)
INCLUDED ACCESSORIES:	AXIS T8124 High PoE Midspan 1-port, IP66-rated RJ-45 connector kit, clear dome cover, sunshield, Installation Guide, CD with User's Manual, recording software, installation and management tools, Windows decoder 1-user license
VIDEO SOFTWARE:	AXIS Camera Companion (included)
WARRANTY:	Axis 3-year warranty and AXIS Extended Warranty option

Environmental Enclosure/Housing

The environmental enclosure shall be designed to physically protect the integrated camera from the outdoor environment and moisture via a sealed enclosure. If the option exists in the standard product

line of the manufacturer, the assembly shall be supplied with an integral sun shield. The enclosure shall be fully water and weather resistant with a NEMA 4 rating or better.

The camera dome shall be constructed of distortion free acrylic or equivalent material that must not degrade from environmental conditions. The environmental housing shall include a camera-mounting bracket. In addition, the environmental housing shall include a heater, blower, and power surge protector. An integral fitting compatible with a standard 1-1/2 in (38.1 mm) NPT pipe, suitable for outdoor pendant mounting shall also be provided.

The enclosure shall be equipped with a heater controlled by a thermostat. The heater shall turn on when the temperature within the enclosure falls below 40° F (4.4°C). The heater shall turn off when the temperature exceeds 60°F (15.6°C). The heater will minimize internal fogging of the dome faceplate when the assembly is operated in cold weather.

In addition, a fan shall be provided as part of the enclosure. The fan will provide airflow to ensure effective heating and to minimize condensation.

The enclosure shall be equipped with a hermetically sealed, weatherproof connector, located near the top for external interface with power, video, and control feeds.

CCTV Dome Camera Mounting Supports

The Contractor shall furnish and install an Axis Pole Mount Bracket T91A67 (Part Number 5017-671) for camera installation on traffic signal mast arms and CCTV camera poles and stainless steel banding as required.

Mounting supports shall be configured as shown on the camera support detail plans and as approved by the Engineer. Mount shall be of aluminum construction with enamel or polyester powder coat finish. Braces, supports, and hardware shall be stainless steel. Wind load rating shall be designed for sustained gusts up to 90 mph (145 km/hr), with a 30% gust factor. Load rating shall be designed to support up to 75 lb (334 N). For roof or structural post/light pole mounting, mount shall have the ability to swivel inward for servicing. The mounting flange shall use standard 1-1/2 inch (38.1 mm) NPT pipe thread.

Connecting Cables

The Contractor shall furnish and install outdoor rated, shielded CAT 5E cable. The cable shall be terminated using the IP66 rated RJ-45 connector on the camera end and a shielded RJ-45 connector in the cabinet. The Contractor shall test the cable prior after termination.

Cable will be paid for separately under the pay item CAT 5 ETHERNET CABLE.

Construction Requirements.

General

The Contractor shall prepare a shop drawing detailing the complete CCTV Dome Camera Assembly and installation of all components to be supplied for approval of the Engineer. Particular emphasis shall be given to the cabling and the interconnection of all of the components.

The Contractor shall install the CCTV dome camera assembly at the locations indicated in the Plans. The CCTV Dome Camera Assembly shall be mounted on a pole, wall, or other structure.

Testing

The Contractor shall test each installed CCTV Dome Camera Assembly. The test shall be conducted from the field cabinet using the standard communication protocol and a laptop computer. The Contractor shall verify that the camera can be fully exercised and moved through the entire limits of Pan, Tilt, Zoom, Focus and Iris adjustments, using both the manual control and presets. The Contractor shall maintain a log of all testing and the results. A representative of the Contractor and a representative of the Engineer shall sign the log as witnessing the results. Records of all tests shall be submitted to the Engineer prior to accepting the installation.

Method of Measurement. The closed circuit television dome camera bid item will be measured for payment by the actual number of CCTV dome camera assemblies furnished, installed, tested, and accepted.

Basis of Payment. Payment will be made at the contract unit price for each CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED including all equipment, material, testing, documentation, and labor detailed in the contract documents for this bid item.

CAT 5 ETHERNET CABLE

This work shall be in accordance with Sections 873, 1076, and 1088 of the Standard Specifications except as modified herein.

This work shall consist of furnishing and installing an outdoor rated CAT5E cable in conduits, handholes, and poles.

The cable shall be rated for outdoor use and conform to the following specifications:

- Outdoor CMX Rated Jacket (climate/oil resistant jacket)
- UV Resistant Outer Jacket Material (PVC-UV, UV Stabilized)
- Outer Jacket Ripcord
- Designed For Outdoor Above- Ground or Conduit Duct applications
- Cat5E rated to 350MHz (great for 10/100 or even 1000mbps Gigabit Ethernet)
- Meets TIA/EIA 568b.2 Standard
- Unshielded Twist Pair
- 4 Pairs, 8 Conductors
- 24AWG, Solid Core Copper
- UL 444 ANSI TIA/EIA-568.2 ISO/IEC 11801
- RoHS Compliant
- Flooded (Water Blocking Gel)
-

Basis of Payment: This work will be paid for at the contract unit price per foot for CAT 5 ETHERNET CABLE, which shall be payment in full for all labor, equipment, and materials required to provide and install the cable described above, complete.

FIBER OPTIC DROP AND REPEAT SWITCH

The Contractor shall furnish a fiber optic drop and repeat switch complete with the accessories specified below and deliver it to the Department.

The fiber optic drop and repeat switch shall meet or exceed the following minimum specifications:

Approved Models: Antaira Technologies Model LNX-602-M-T (6-Port (4-port 10/100TX + 2-port 100FX) Slim Industrial Ethernet Switch, Multi-Mode Fiber 2 Km, Wide Operating Temperature) or approved equal.

Features:	• RJ-45 Port Supports Auto MDI/MDI-X Function • Store-and-Forward Switching Architecture • Back-Plane (Switching Fabric): 1Gbps • Wide-Range Redundant Power Design • Power Polarity Reserve Protect • Overload Current Resettable Fuse Present • Provides Broadcast Storm Protection • Provides EFT Protection 3000 VDC for Power Line • Supports 4000 VDC Ethernet ESD Protection • IP30 Rugged Aluminum Case Design • DIN-Rail and Wall Mount Design
Standard:	• IEEE 802.3 10BaseT Ethernet • IEEE 802.3u 100BaseTX Fast Ethernet • IEEE 802.3x Flow Control and Back-Pressure
Protocol:	• CSMA/CD
Switch Architecture:	• Store and Forward
Transfer Rate:	• 14,880pps for Ethernet Port • 148,800pps for Fast Ethernet Port
MAC Address:	• 1K MAC Address Table
Memory Buffer:	• 512 Kbits
LED:	• Unit: Power 1, Power 2, Fault • Port: Link/Activity, Full-Duplex/Collision
Connector:	• LNX-602A: 4 x 10/100TX RJ-45 with Auto MDI/MDI-X Function • 2 x 100M Fiber ST Type Connector
Network Cable:	• 10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) • 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
Optical Cable:	• (Multi-Mode): 50/125µm ~ 62.5/125µm • Available Distance: 2KM (Multi-Mode), • Wavelength: 1310nm (Multi-Mode)
Back-Plane:	• LNX-602A: 1.2 Gbps

Packet Throughput Ability:	• LNX-602A: 1.488Mpps @ 64bytes
Power Supply:	• DC 12 ~ 48V, Redundant Power with Polarity Reverse Protect Function and Removable Terminal Block
Power Consumption:	• LNX-602A: 6.41 Watts
Reverse Polarity Protection:	• Present
Overload Current Protection:	• Present
Mechanical:	• Casing: IP30 Metal Case • Dimension (W x H x D): 30 x 140 x 95 mm (1.18 x 5.51 x 3.74 in.) • Installation: DIN-Rail/Wall Mountable
Weight:	• Unit Weight: 1 lbs. • Shipping Weight: 1.41 lbs.
Operation Temperature:	• Wide Operating Temperature: -40° C to 80° C (-40° F to 176° F)
Operation Humidity:	• 5% to 95% (Non-condensing)
Storage Temperature:	• -40° C to 85° C
EMI:	• FCC Class A • CE EN6100-4-2/EN6100-4-3/EN6100-4-4/EN6100-4-5/EN6100-4-6 • /EN6100-4-8/EN6100-4-11/EN6100-4-12/EN6100-6-2/EN6100-6-4
Safety:	• UL, cUL, CE EN60950-1
Stability Testing:	• Shock: IEC60068-2-27 • Free Fall: IEC60068-2-32 • Vibration: IEC60068-2-6
Warranty:	• 5-Year Warranty
Included Accessories:	• Mounting Brackets • Barrel Connector Cable • CD Manual/Software

The following items shall also be included with each switch:

- Power Supply – Qty. 1 (Antaira Model DR-45, 45 Watt, 12 Volt DC, Industrial Din-Rail Power Supply or Approved Equal)
- Fiber Optic Patch Cables – Qty. 2 (multimode fiber, 1 meter length, duplex, ST to SC connectors)
- Fiber Optic Patch Cables – Qty. 1 (multimode fiber, 1 meter length, duplex, ST to ST connectors)

Basis of Payment: This work will be paid for at the contract unit price per each for FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH which price shall be payment in full for all labor, materials, and equipment required to provide the fiber optic Ethernet drop and repeat switch and associated equipment and deliver it to the Department.

RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON AND POST

This work shall include the removal and installation of the existing pedestrian push-button and post as shown at University Street and the Access Road on a new concrete foundation, according to Article 878.03. The cost of the new foundation shall not be paid for separately.

This work will be paid for at the contract unit price per each for RELOCATE EXISTING PUSH-BUTTON AND POST.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

This work shall consist of removal of existing traffic signal equipment listed at the intersection locations designated on the plans. This work shall be completed as specified in Article 895 of the Standard Specifications. All removed equipment shall be salvaged and taken to the City of Peoria's Public works Operations Building, 3505 N. Dries Lane, Peoria, IL 61604. The Contractor shall notify Sie Maroon at 309-645-5139 forty-eight (48) hours in advance of equipment delivery.

This work will be paid for at the contract unit price per each for REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

RELOCATE EXISTING LUMINAIRE

This work shall include the removal and installation of the luminaire at University Street and the Access Road onto the new Steel Combination Mast Arm Assembly and Pole, according to Article 821.

This work will be paid for at the contract unit price per each for RELOCATE EXISTING LUMINAIRE.

Irrigation Head Repair

This work shall consist of the removal of damaged or obstructing sprinkler heads and underground irrigation lines and the relocation or installation of new sprinkler system components as needed. All locations shall be identified in field and coordinated with the Engineer. All materials shall match the current system components installed or be compatible per the manufacturer's recommendations. Installation shall be in accordance with manufacturer's specifications for the existing system installed and to the Satisfaction of the Engineer.

Basis of Payment

Work will be paid for at the Contract Unit Price per EACH of IRRIGATION HEAD REPAIR for the sprinkler head repair/relocation including irrigation lines, which price shall be considered payment in full for all labor, equipment, and material necessary to complete the work as specified.

LED Street Light Pole and Luminaire (Complete)

Description

This work shall consist of furnishing and installing a luminaire and associated light pole in accordance with Section 821 of the Standard Specifications, the details in the plans, and the following additions or exceptions

Materials

Luminaire:

The full cut off luminaire housing and reflector be made out of heavy wall aluminum construction, with integrated clear tempered 3/16" glass lens, sealed LED optical module for IP67 rating, constant current led driver which operates on input voltages from 120-277vac, 60 hz factory wired driver independently sealed and U.L. listed for wet locations. The luminaire shall have a type IV IES distribution with 100 LEDS and 525mA driver and 4000K in color. Finish shall be black in color, U.S Architectural, Sun Valley Lighting Cat Cut number DSS1-VLED-IV-100LED-525mA-NW-XPD-RAL-9005-t.

Pole and Arm:

Pole shall be a decretive type, 27' in nominal height, 6'-0" 2 ½" schedule 40 aluminum arm with 16 sharp flute, round tapered steel shaft 9.0" butt tapering to 5.2" top (7 gauge) and handhole and cover at base of pole. Include a GFCI 20 AMP receptacle with weatherproof cover at a height approximately 12" above grade. The base cover shall consist of two piece wraparound, cast aluminum, with minimum .250" wall thickness, smooth tapered bottom section and decorative tapered fluted section with evenly paced raised vertical flutes, contoured, fluted flush handhole and cover with taper resistant hardware. Pole, arm and base cover shall be black in color.

Anchorage:

Anchorage bolt and pattern shall be as required by the manufacturer.

Basis of Payment

This work will be paid for at the contract unit price each for LED STREET LIGHT POLE AND LUMINAIRE (COMPLETE) which price shall include all labor, equipment, and material necessary to complete the work as specified.

Meter Pedestal and Lighting Controller Combination Unit, Special

This work shall consist of furnishing, transporting, and installing the Lighting Controller Combination Unit on concrete foundation and all electrical cable connections in the unit in accordance with Section 825 of the Standard Specifications, the plans, and as directed by the Engineer.

The Controller Combination Unit shall be manufactured and assembled by Milbank (Catalog #CP3B51C19, 120/240 VAC, 1-phase, 3 wire; output 100 Amp, 100 Amp main circuit breaker, 2A Pole Loadcenter, Photocell, Rainproof – Type3R, Steel Enclosure, painted Ebony 334 Black) or approved equivalent. Ameren approval of meter components must be satisfied.

Unit exterior will be free of defects and have no sharp edges.

Basis of Payment

Work will be paid for at the Contract Unit Price per EACH of METER PEDESTAL AND LIGHTING CONTROLLER COMBINATION UNIT, SPECIAL for the combination unit specified in the plans, which price shall be considered payment in full for all labor, equipment, and material necessary to complete the work as specified.

Sanitary Sewer Removal and Replacement 8"

Description
This work shall consist of excavating and removing designated sections of existing gravity sanitary sewer pipe and replacing said sections with new PVC pipe to the required line and grade. Work shall include the installation and removal of temporary bulkheads at nearby manholes and/or by-pass pumping as may be required in order to complete the removal and replacement of the pipe, as well as the disconnection and reconnection of any service connections within the specified repair. All materials and work shall be in accordance with the Greater Peoria Sanitary District's (GPSD) General Specifications for Sanitary Sewers and Appurtenances, the details in the plans, and the following additions or exceptions.

Materials
PVC Pipe & Fittings:
All polyvinyl chloride (PVC) pipe and fittings shall conform to ASTM designation D-3034, Type PSM, and shall be standard dimension ratio (SDR) 26 for excavation depths up to twenty (20) feet. Pipe shall be legibly marked at intervals of 5 feet or less with: pipe size, manufacturer's name or trademark, and SDR-26 PVC sewer pipe, ASTM D-3034.

Joints for PVC Gravity Sanitary Sewer Pipe:
All joints for PVC gravity sanitary sewers shall conform to ASTM standard D-3212 and have flexible elastomeric seals.

Joining Pipes of Dissimilar Materials
Connections between pipes of dissimilar materials, or of unequal outside diameters, shall be made using fernco flexible-type couplings. The coupling shall be fit over the plain ends of both pipes (any bell sections shall be removed) and then tightened to make a water tight seal.

Pipe Bedding:
A minimum of four (4) inches of approved granular bedding shall be placed in the bottom of the trench, with an additional amount of approved granular bedding tamped and cradled around and over the pipe to a level of one (1) foot above the top of the pipe. Pipe shall be supported over its entire length. Approved bedding material for the pipe cradle and envelope shall be constructed with granular materials from approved local sources meeting the IDOT Course Aggregate Standards for CA-7 and CA-11. Material shall be a crushed gravel or a crushed stone as per IDOT's Coarse Aggregate Standards with a minimum of 75% fractured material.

Backfill:
Excavation within streets shall be in conformance with the City of Peoria Excavation Ordinance and shall be backfilled with flowable backfill material in accordance with Part 40.0, Section 021 of the GPSD General Specifications.

Basis of Payment
This work will be paid for at the contract unit price per lineal foot for SANITARY SEWER REMOVAL AND REPLACEMENT 8" which price shall include all labor, equipment, and material necessary to complete the work as specified.

Manhole, Type A, Sanitary 4' Dia. With Type 1 Frame, Closed Lid

Description
This work shall consist of the installation of new sanitary sewer manholes, including excavation and backfilling of said manholes. Work shall include the installation and removal of temporary bulkheads at nearby manholes and/or by-pass pumping as may be required in order to complete the removal and replacement of the structure. All materials and work shall be in accordance with the Greater Peoria Sanitary District's (GPSD) General Specifications for Sanitary Sewers and Appurtenances, the details in the plans, and the following additions or exceptions.

Materials:
Manhole Bottoms:
Bottom shall be pre-cast units equal to the "Moorbase Bottom", with pre-formed inverts.

Manhole Sections:
Manhole sections shall be pre-cast and meet the requirements of ASTM standard C478, as amended, and shall be constructed with a rubber gasket seal or a butyl rubber sealant. The exterior side of the manhole joints shall be sealed with an additional coating of a waterproof asphalt-based sealer. Joints to seal the connection between pipe and the manhole shall be either the "A-Lock" type, or a press seal boot.

Manhole Steps:
Plastic steps with steel cores shall be positioned over the outlet pipe in manholes with 8" or 12" lines. Steps shall conform to ASTM 2146-69, Type 2.

Flat Slab Top:
Reinforced concrete, pre-cast, flat slab tops shall be provided for pipes up to 42" in diameter and depths up to 20 feet.

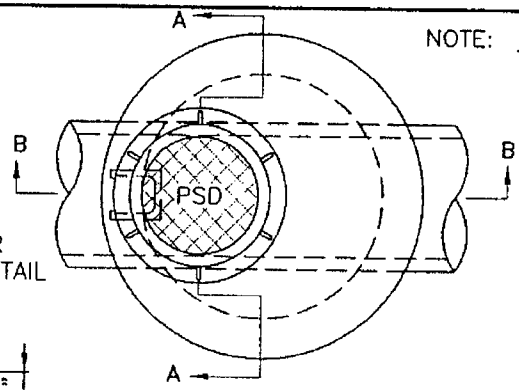
Adjusting Rings:
Reinforced concrete manhole rings in accordance with ASTM C76-60T, class II, Wall B, for total adjustment heights less than eight (8) inches.

Manhole Frame and Casting:
Manhole frames and covers shall be equal to Neenah R-1530 Type B lid or East Jordan Iron Works No. 1920. All castings shall be bolted to manhole flat slab tops and all covers shall bear the "PSD" logo in accordance with GPSD General Specifications and Standard Details.

Backfill:
Excavation within streets shall be in conformance with the City of Peoria Excavation Ordinance and shall be backfilled with flowable backfill material in accordance with Part 40.0, Section 021 of the GPSD General Specifications.

Basis of Payment
This work will be paid for at the contract unit price per each for MANHOLE, TYPE A, SANITARY 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, which price shall include all labor, equipment, and material necessary to complete the work as specified.

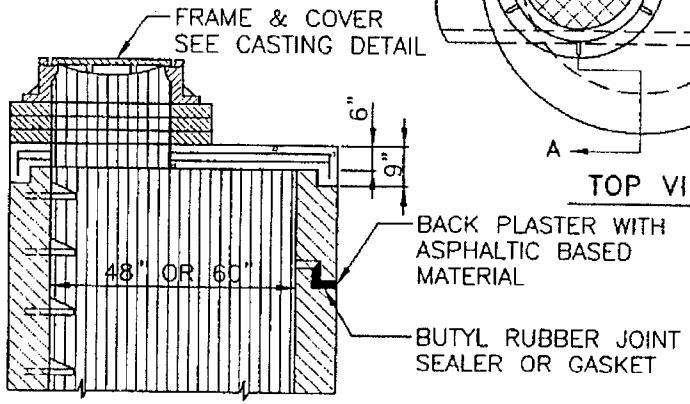
NOTE: FLAT TOP MANHOLES ARE DESIGNED TO ACCEPT PIPES UP TO 42" IN DIAMETER AT DEPTHS TO 20 FEET. FLAT TOP MANHOLES USED WITH PIPES GREATER THAN 42" IN DIAMETER AND/OR AT DEPTHS GREATER THAN 20 FEET SHALL BE DESIGNED BY A STRUCTURAL ENGINEER.

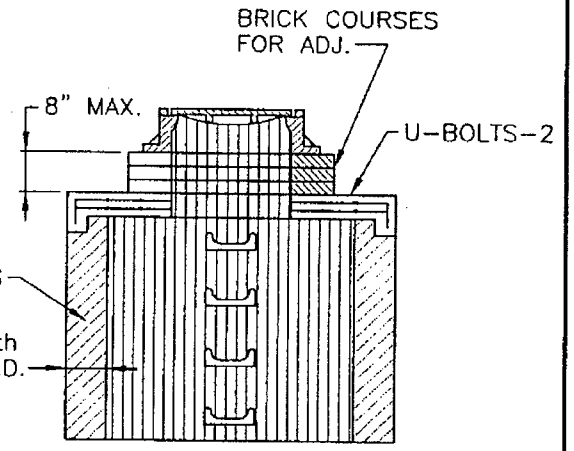


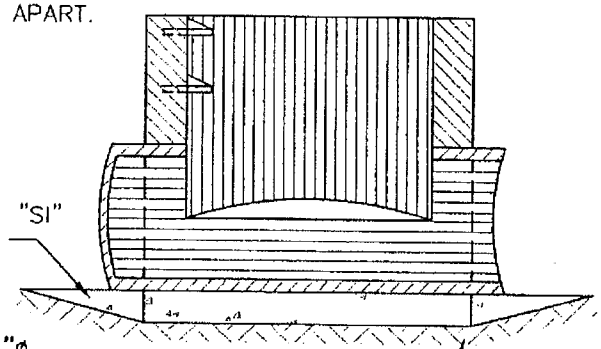
TOP VIEW

NOTE: CONCRETE MANHOLES
REINFORCED CONC. M.H. RINGS MAY BE USED IN ACCORDANCE WITH A.S.T.M. C76-60T CLASS II, WALL B, ALSO SLABS & RINGS CONFORM TO A.S.T.M. NO. C478-64T.

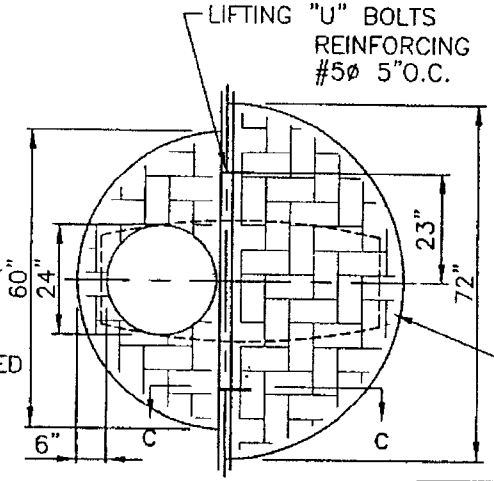
PLASTIC STEPS WITH STEEL CORE SHALL BE POSITIONED OVER THE OUTLET PIPE IN MANHOLES WITH 8" OR 12" LINES. IN MANHOLES WITH LINES LARGER THAN 12" THE STEPS SHALL BE PLACED AT 90° TO THE OUTLET PIPE. STEPS SHALL BE PLACED 14" APART.



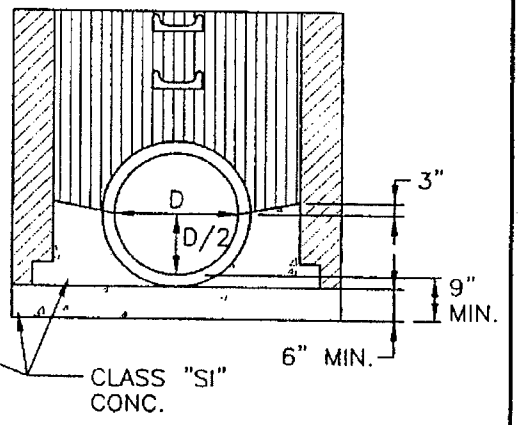




SECTION B-B

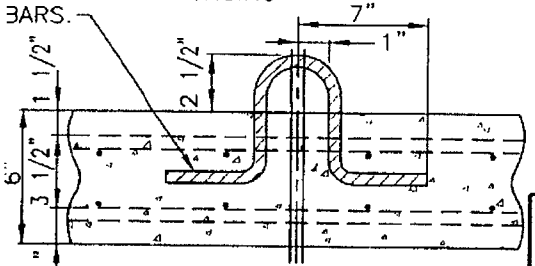


CONCRETE LID REINFORCEMENT



SECTION A-A

J BOLT: 3/4"ø TIED TO REINFORCING BARS.



SECTION C-C

GREATER PEORIA SANITARY DIST.
2322 South Darst Street
Peoria, Illinois 61607-2093
Phone 637-3511 Fax 637-6614

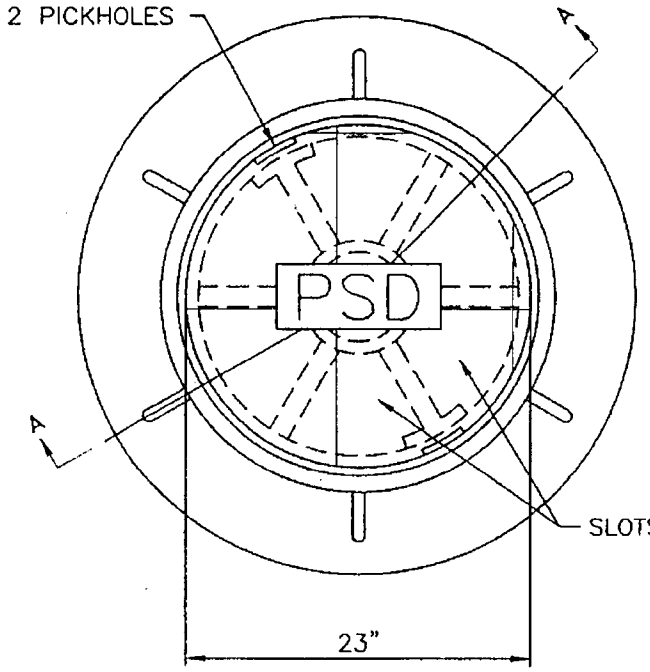
FLAT TOP MANHOLE		
SURVEYED: .	DATE: AUG. 68	VERT. NTS
DESIGNED: .		
DRAWN: CWB	REV: SEP 2003	HORIZ. NTS
CHECKED: .		
APPROVED: .		PAGE 095-1

ETAILS\095-1.DWG 1=1

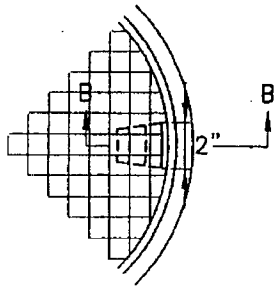
Manhole, Type A, Sanitary 4' Dia. with Type 1 Frame, Closed Lid

University Street (FAU 6593)
Section 12-00361-04-FP
Peoria County

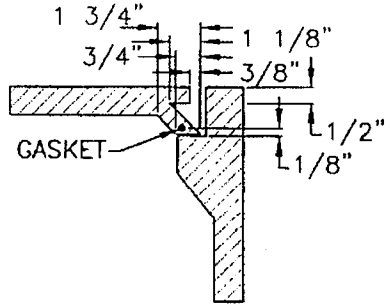
Manhole, Type A, Sanitary 4' Dia. with Type 1 Frame, Closed Lid



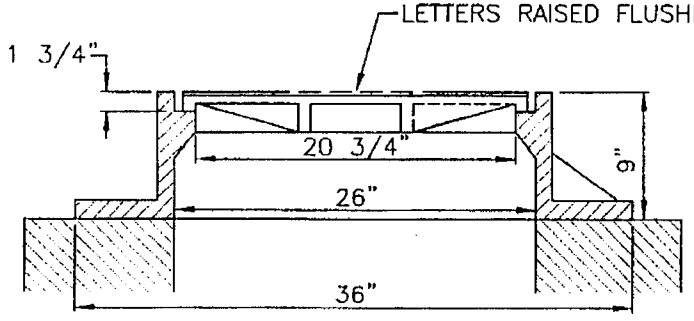
PLAN



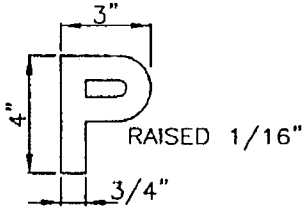
PICKHOLE DETAIL PLAN



SECTION B–B



SECTION A–A



LETTER DETAIL

MANHOLE FRAME & COVER

EQUAL TO NEENAH R-1530 TYPE "B" LID
OR EAST JORDAN NO. 1920
W.T. 455 LBS.

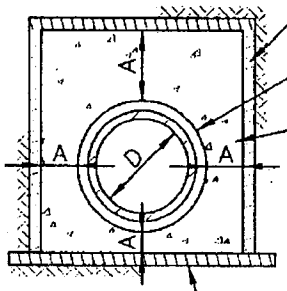
NOTE: ALL CASTINGS SHALL BE BOLTED TO CONCRETE MANHOLE SECTIONS

GREATER PEORIA SANITARY DIST. 2322 South Darst Street Peoria, Illinois 61607 Phone 637-3511 Fax 3614	CASTINGS			
	SURVEYED: . DESIGNED: . DRAWN: CWB CHECKED: . APPROVED: .	DATE: AUG. 68 REV: SEP 2003	VERT. NTS HORIZ. NTS PAGE 095-	

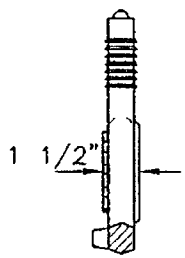
DETAILS\095-4.DWG 1=1

University Street (FAU 6593)
Section 12-00361-04-FP
Peoria County

Manhole, Type A, Sanitary 4' Dia. with Type 1 Frame, Closed Lid

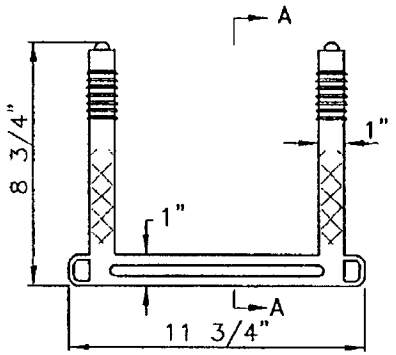


TUNNEL SECTION



SECTION A–A

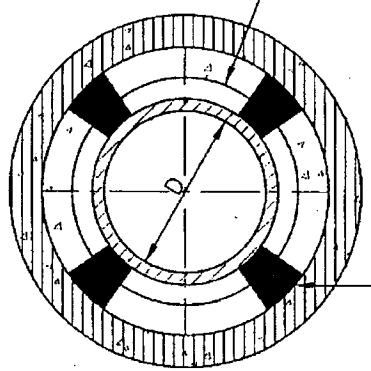
ASTM 2146–69
TYPE 2



PLAN

PLASTIC MANHOLE STEP

ENDS OF CASING TO BE SEALED BY USING BRICK AND MORTAR.



JACKING SECTION

SEWER PIPE & CASING DIM.	
SEWER PIPE DIA.	CASING PIPE DIA.
54 IN.	64 IN.
42–48 IN.	58 IN.
30–36 IN.	44 IN.
20–24 IN.	36 IN.
16–18 IN.	26 IN.
12–14 IN.	24 IN.
8–10 IN.	24 IN.
4–6 IN.	24 IN.

CASING SPACERS SHALL BE EITHER PSI–BRAND MODEL S STAINLESS–STEEL CASING ISOLATORS OR APS–BRAND MODEL SSI STAINLESS–STEEL BAND CASING SPACERS OR AN APPROVED EQUAL, SPACED IN ACCORDANCE WITH THE SPECIFICATIONS.

IV-29

MANHOLE STEPS							
VERT. NTS	DATE: AUG. 90	SURVEYED: .	GREATER PEORIA SANITARY DIST.	SURVEYED: .	DATE: AUG. 68	VERT. NTS	
HORIZ. NTS	REV: .	DESIGNED: .	2322 South Darst Street	DESIGNED: .	REV: SEP 2003	HORIZ. NTS	
PAGE 095–6		DRAWN: DMF	Peoria, Illinois 61[illegible]–2093	DRAWN: CWB		PAGE 09	
		CHECKED: .	Phone 637–3511 [illegible]637–6614	CHECKED: .			
		APPROVED: .		APPROVED: .			

ENCASEMENTS

I=1 C:\MACS\095-6.DWG

University Street (FAU 6593)
Section 12-00361-04-FP
Peoria County

MATERIAL TRANSFER DEVICE

Description. This work shall consist of placing HMA binder and surface course mixtures for mainline paving operations according to Section 406 of the Standard Specifications, except that these materials shall be placed using a material transfer device (MTD).

Materials and Equipment. The MTD shall have a minimum surge capacity of 15 tons (13.5 metric tons), shall be self-propelled and capable of moving independent of the paver, and shall be equipped with the following:

(a) Front-Dump Hopper and Conveyor. The conveyor shall provide a positive restraint along the sides of the conveyor to prevent material spillage. MTDs having paver style hoppers shall have a horizontal bar restraint placed across the foldable wings which prevents the wings from being folded.

(b) Paver Hopper Insert. The paver hopper insert shall have a minimum capacity of 14 tons (12.7 metric tons).

(c) Mixer/Agitator Mechanism. This re-mixing mechanism shall consist of a segmented, anti-segregation, re-mixing auger or two full-length longitudinal paddle mixers designed for the purpose of re-mixing the hot-mix asphalt (HMA). The longitudinal paddle mixers shall be located in the paver hopper insert.

CONSTRUCTION REQUIREMENTS

General. The MTD shall be used for the placement of all HMA binder and surface course mixtures placed on the mainline roadway. The MTD speed shall be adjusted to the speed of the paver to maintain a continuous, non-stop paving operation. **Use of a MTD with a roadway contact pressure, when fully loaded, exceeding 25 psi (138 kPa) will not be allowed.**

Method of Measurement. This work will be measured for payment in tons (metric tons) of HMA binder and surface course materials placed on the mainline roadway with a MTD.

Basis of Payment. This work will be paid for at the contract unit price per ton (metric ton) for MATERIAL TRANSFER DEVICE.

The various HMA mixtures placed with the MTD will be paid for as specified in their respective specifications. The Contractor may choose to use the MTD for other applications on this project; however, no additional compensation will be allowed.

The maximum tonnage eligible for payment when placed with the material transfer device will be limited to the final pay quantity of the pay items placed.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT AND TACK COAT) (NON-TRACKING)

Description. This work shall consist of placing non-tracking, polymerized bituminous materials prime coat or tack coat per Section 406 of the Standard Specifications , expect for the following.

Revise the table in Note 1 of Article 406.02 of the Standard Specifications to include:

"QST-H1" for Type of Construction - Tack Coat on Brick, Concrete, or HMA Bases & Prime Coat on Aggregate Bases

Revise the table in article 406.05(b) of the Standard Specifications to read:

Type of Surface to be Primed	Residual Asphalt Rate (lb/sq ft)
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.06
Fog Coat between HMA lifts, IL-4.75 & Brick	0.03

Add the following to Article 1032.06 of the Standard Specifications:

"(h) Non-Tracking Emulsified Asphalt QST-H1

Requirements for QST-H1	
Test	Requirement
Saybolt Viscosity at 77 °F (25 °C), (AASHTO T 59), SFS	15 - 100
Storage Stability Test, 24 hr, (AASHTO T 59), %	NA
Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	57 min.
Sieve Test, No. 20 (850 μm), (AASHTO T 59), %	0.10 max
Tests on Residue from Evaporation	
Penetration at 77 °F (25 °C), 100 g, 5 sec, (AASHTO T 49), dmm	40 - 90
Softening Point, (AASHTO T 53), °F (°C)	-
Solubility, (AASHTO T 44), %	97.5 min.
Original DSR at 82 °C, (AASHTO T 315), kPa	-

Revise the last table of Article 1032.06 to add the following:

"QST-H1" for Use - Tack coat or fog coat & Prime Coat

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

This work shall be according to Article 669 of the Standard Specifications and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either "uncontaminated soil" or non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District's Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

Site 2973-1 – IDOT ROW

- Station 7+75 to Station 8+40 (University Street), 0 to 120 feet RT (PESA Site 2973-1, IDOT ROW, 3600 block of N. University Street, Peoria). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.

Site 2973-4 – Vacant Land

- Station 111+45 to Station 111+75 (University Street), 0 to 100 feet LT (PESA Site 2973-4, Vacant Land, 3600 block of N. University Street, Peoria). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.
- Station 7+75 to Station 8+40 (University Street), 0 to 100 feet LT (PESA Site 2973-4, Vacant Land, 3600 block of N. University Street, Peoria). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.

Site 2973-5 – Vacant Lot

- Station 110+60 to Station 111+75 (University Street), 0 to 120 feet RT (PESA Site 2973-5, Vacant Land, 3622 N. University Street, Peoria). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.

Site 2973-6 – Beachler's Vehicle Care and Repair

- Station 110+60 to Station 111+45 (University Street), 0 to 75 feet LT (PESA Site 2973-6, Beachler's Vehicle Care and Repair, 3623 N. University Street, Peoria). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.

BDE SPECIAL PROVISIONS
For the April 22 and June 10, 2016 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

	File Name	#		Special Provision Title	Effective	Revised
	80099	1		Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
*	80274	2		Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	X	Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4		Bituminous Materials Cost Adjustments	Nov. 2, 2006	July 1, 2015
	80241	5		Bridge Demolition Debris	July 1, 2009	
	5026I	6		Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5048I	7		Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5049I	8		Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5053I	9		Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80360	10	X	Coarse Aggregate Quality	July 1, 2015	
	80198	11		Completion Date (via calendar days)	April 1, 2008	
	80199	12		Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	13		Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	April 1, 2015
*	80311	14		Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
*	80277	15	X	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
	80261	16		Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
*	80029	17		Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2016
*	80363	18		Engineer's Field Office	April 1, 2016	
	80358	19		Equal Employment Opportunity	April 1, 2015	
*	80364	20	X	Errata for the 2016 Standard Specifications	April 1, 2016	
	80229	21	X	Fuel Cost Adjustment	April 1, 2009	July 1, 2015
	80304	22		Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
*	80246	23	X	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2016
*	80347	24		Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	April 1, 2016
*	80336	25		Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
	80045	26		Material Transfer Device	June 15, 1999	Aug. 1, 2014
*	80342	27		Mechanical Side Tie Bar Inserter	Aug. 1, 2014	April 1, 2016
	80165	28		Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
*	80361	29		Overhead Sign Structures Certification of Metal Fabricator	Nov. 1, 2015	April 1, 2016
*	80349	30		Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
*	80298	31		Pavement Marking Tape Type IV	April 1, 2012	April 1, 2016
*	80365	32	X	Pedestrian Push-Button	April 1, 2016	
*	80359	33		Portland Cement Concrete Bridge Deck Curing	April 1, 2015	April 1, 2016
*	80353	34		Portland Cement Concrete Inlay or Overlay	Jan. 1, 2015	April 1, 2016
*	80338	35		Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	April 1, 2016
*	80300	36		Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
	80328	37		Progress Payments	Nov. 2, 2013	
	3426I	38		Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
	80157	39		Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
*	80306	40	X	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2016
*	80340	41		Speed Display Trailer	April 2, 2014	April 1, 2016
	80127	42		Steel Cost Adjustment	April 2, 2004	July 1, 2015
	80362	43		Steel Slag in Trench Backfill	Jan. 1, 2016	
*	80317	44		Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016

File Name	#		Special Provision Title	Effective	Revised
80355	45		Temporary Concrete Barrier	Jan. 1, 2015	July 1, 2015
20338	46		Training Special Provisions	Oct. 15, 1975	
80318	47		Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
* 80288	48	X	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	49		Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80289	50		Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	51		Working Days	Jan. 1, 2002	

The following special provisions and recurring special provisions are in the 2016 Standard Specifications.

File Name	Special Provision Title	New Location	Effective	Revised
80240	Above Grade Inlet Protection	Articles 280.02, 280.04, and 1081.15	July 1, 2009	Jan. 1, 2012
80310	Coated Galvanized Steel Conduit	Article 811.03	Jan. 1, 2013	Jan. 1, 2015
80341	Coilable Nonmetallic Conduit	Article 1088.01	Aug. 1, 2014	Jan. 1, 2015
80294	Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews > 30 Degrees with Design Fills > 5 Feet	Article 540.04	April 1, 2012	April 1, 2014
80334	Concrete Gutter, Curb, Median, and Paved Ditch	Articles 606.02, 606.07, and 1050.04	April 1, 2014	Aug. 1, 2014
80335	Contract Claims	Article 109.09	April 1, 2014	
Chk Sht #27	English Substitution of Metric Reinforcement Bars	Article 508.09	April 1, 1996	Jan. 1, 2011
80265	Friction Aggregate	Articles 1004.01 and 1004.03	Jan. 1, 2011	Nov. 1, 2014
80329	Glare Screen	Sections 638 and 1085	Jan. 1, 2014	
Chk Sht #20	Guardrail and Barrier Wall Delineation	Sections 635, 725, 782, and 1097	Dec. 15, 1993	Jan. 1, 2012
80322	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Sections 312, 355, 406, 407, 442, 482, 601, 1003, 1004, 1030, and 1102	Nov. 1, 2013	Nov. 1, 2014
80323	Hot-Mix Asphalt – Mixture Design Verification and Production	Sections 406, 1030, and 1102	Nov. 1, 2013	Nov. 1, 2014
80348	Hot-Mix Asphalt – Prime Coat	Sections 403, 406, 407, 408, 1032, and 1102	Nov. 1, 2014	
80315	Insertion Lining of Culverts	Sections 543 and 1029	Jan. 1, 2013	Nov. 1, 2013
80351	Light Tower	Article 1069.08	Jan. 1, 2015	
80324	LRFD Pipe Culvert Burial Tables	Sections 542 and 1040	Nov. 1, 2013	April 1, 2015
80325	LRFD Storm Sewer Burial Tables	Sections 550 and 1040	Nov. 1, 2013	April 1, 2015
80337	Paved Shoulder Removal	Article 440.07	April 1, 2014	
80254	Pavement Patching	Article 701.17	Jan. 1, 2010	
80352	Pavement Striping - Symbols	Article 780.14	Jan. 1, 2015	
Chk Sht #19	Pipe Underdrains	Section 601 and Articles 1003.01, 1003.04, 1004.05, 1040.06, and 1080.05	Sept. 9, 1987	Jan. 1, 2007
80343	Precast Concrete Handhole	Articles 814.02, 814.03, and 1042.17	Aug. 1, 2014	
80350	Retroreflective Sheeting for Highway Signs	Article 1091.03	Nov. 1, 2014	
80327	Reinforcement Bars	Section 508 and Articles 421.04, 442.06, 1006.10	Nov. 1, 2013	
80344	Rigid Metal Conduit	Article 1088.01	Aug. 1, 2014	
80354	Sidewalk, Corner, or Crosswalk Closure	Article 1106.02	Jan. 1, 2015	April 1, 2015
80301	Tracking the Use of Pesticides	Article 107.23	Aug. 1, 2012	
80356	Traffic Barrier Terminals Type 6 or 6B	Article 631.02	Jan. 1, 2015	
80345	Underpass Luminaire	Articles 821.06 and 1067.04	Aug. 1, 2014	April 1, 2015

File Name	Special Provision Title	New Location	Effective	Revised
80357	Urban Half Road Closure with Mountable Median	Articles 701.18, 701.19, and 701.20	Jan. 1, 2015	July 1, 2015
80346	Waterway Obstruction Warning Luminaire	Article 1067.07	Aug. 1, 2014	April 1, 2015

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE)

Effective: January 1, 2008

Description. This work shall consist of furnishing and operating automated flagger assistance devices (AFADs) as part of the work zone traffic control and protection for two-lane highways where two-way traffic is maintained over one lane of pavement. Use of these devices shall be at the option of the Contractor.

Equipment. AFADs shall be according to the FHWA memorandum, "MUTCD - Revised Interim Approval for the use of Automated Flagger Assistance Devices in Temporary Traffic Control Zones (IA-4R)", dated January 28, 2005. The devices shall be mounted on a trailer or a moveable cart and shall meet the requirements of NCHRP 350, Category 4.

The AFAD shall be the Stop/Slow type. This device uses remotely controlled "STOP" and "SLOW" signs to alternately control right-of-way.

Signs for the AFAD shall be according to Article 701.03 of the Standard Specifications and the MUTCD. The signs shall be 24 x 24 in. (600 x 600 mm) having an octagon shaped "STOP" sign on one side and a diamond shaped "SLOW" sign on the opposite side. The letters on the signs shall be 8 in. (200 mm) high. If the "STOP" sign has louvers, the full sign face shall be visible at a distance of 50 ft (15 m) and greater.

The signs shall be supplemented with one of the following types of lights.

(a) Flashing Lights. When flashing lights are used, white or red flashing lights shall be mounted within the "STOP" sign face and white or yellow flashing lights within the "SLOW" sign face.

(b) Stop and Warning Beacons. When beacons are used, a stop beacon shall be mounted 24 in. (600 mm) or less above the "STOP" sign face and a warning beacon mounted 24 in. (600 mm) or less above, below, or to the side of the "SLOW" sign face. As an option, a Type B warning light may be used in lieu of the warning beacon.

A "WAIT ON STOP" sign shall be placed on the right hand side of the roadway at a point where drivers are expected to stop. The sign shall be 24 x 30 in. (600 x 750 mm) with a black legend and border on a white background. The letters shall be at least 6 in. (150 mm) high.

This device may include a gate arm or mast arm that descends to a horizontal position when the "STOP" sign is displayed and rises to a vertical position when the "SLOW" sign is displayed. When included, the end of the arm shall reach at least to the center of the lane being controlled. The arm shall have alternating red and white retroreflective stripes, on both sides, sloping downward at 45 degrees toward the side on which traffic will pass. The stripes shall be 6 in. (150 mm) in width and at least 2 in. (50 mm) in height.

Flagging Requirements. Flaggers and flagging requirements shall be according to Article 701.13 of the Standard Specifications and the following.

AFADs shall be placed at each end of the traffic control, where a flagger is shown on the plans. The flaggers shall be able to view the face of the AFAD and approaching traffic during operation.

To stop traffic, the "STOP" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall descend to a horizontal position. To permit traffic to move, the "SLOW" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall rise to a vertical position.

If used at night, the AFAD location shall be illuminated according to Section 701 of the Standard Specifications.

When not in use, AFADs will be considered nonoperating equipment and shall be stored according to Article 701.11 of the Standard Specifications.

Basis of Payment. This work will not be paid for separately but shall be considered as included in the cost of the various traffic control items included in the contract.

80192

COARSE AGGREGATE QUALITY (BDE)

Effective: July 1, 2015

Revise Article 1004.01(b) of the Standard Specifications to read:

"(b) Quality. The coarse aggregate shall be according to the quality standards listed in the following table.

COARSE AGGREGATE QUALITY				
QUALITY TEST	CLASS			
	A	B	C	D
Na_2SO_4 Soundness 5 Cycle, ITP 104 [1/], % Loss max.	15	15	20	25 [2/]
Los Angeles Abrasion, ITP 96 [11/], % Loss max.	40 [3/]	40 [4/]	40 [5/]	45
Minus No. 200 (75 µm) Sieve Material, ITP 11	1.0 [6/]	---	2.5 [7/]	---
Deleterious Materials [10/]				
Shale, % max.	1.0	2.0	4.0 [8/]	---
Clay Lumps, % max.	0.25	0.5	0.5 [8/]	---
Coal & Lignite, % max.	0.25	---	---	---
Soft & Unsound Fragments, % max.	4.0	6.0	8.0 [8/]	---
Other Deleterious, % max.	4.0 [9/]	2.0	2.0 [8/]	---
Total Deleterious, % max.	5.0	6.0	10.0 [8/]	---
Oil-Stained Aggregate [10/], % max	5.0	---	---	

1/ Does not apply to crushed concrete.

2/ For aggregate surface course and aggregate shoulders, the maximum percent loss shall be 30.

3/ For portland cement concrete, the maximum percent loss shall be 45.

4/ Does not apply to crushed slag or crushed steel slag.

5/ For hot-mix asphalt (HMA) binder mixtures, except when used as surface course, the maximum percent loss shall be 45.

6/ For crushed aggregate, if the material finer than the No. 200 (75 µm) sieve consists of the dust from fracture, essentially free from clay or silt, this percentage may be increased to 2.5.

7/ Does not apply to aggregates for HMA binder mixtures.

8/ Does not apply to Class A seal and cover coats.

9/ Includes deleterious chert. In gravel and crushed gravel aggregate, deleterious chert shall be the lightweight fraction separated in a 2.35 heavy media separation. In crushed stone aggregate, deleterious chert shall be the lightweight fraction separated in a 2.55 heavy media separation. Tests shall be run according to ITP 113.

10/ Test shall be run according to ITP 203.

11/ Does not apply to crushed slag.

All varieties of chert contained in gravel coarse aggregate for portland cement concrete, whether crushed or uncrushed, pure or impure, and irrespective of color, will be classed as chert and shall not be present in the total aggregate in excess of 25 percent by weight (mass).

Aggregates used in Class BS concrete (except when poured on subgrade), Class PS concrete, and Class PC concrete (bridge superstructure products only, excluding the approach slab) shall contain no more than two percent by weight (mass) of deleterious materials. Deleterious materials shall include substances whose disintegration is accompanied by an increase in volume which may cause spalling of the concrete."

80360

CONCRETE MIX DESIGN – DEPARTMENT PROVIDED (BDE)

Effective: January 1, 2012
Revised: April 1, 2016

For the concrete mix design requirements in Article 1020.05(a) of the Standard Specifications, the Contractor has the option to request the Engineer determine mix design material proportions for Class PV, PP, RR, BS, DS, SC, and SI concrete. A single mix design for each class of concrete will be provided. Acceptance by the Contractor to use the mix design developed by the Engineer shall not relieve the Contractor from meeting specification requirements.

80277

ERRATA FOR THE 2016 STANDARD SPECIFICATIONS (BDE)

Effective: April 1, 2016

Page 84 Article 204.02. In the seventh line of the first paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 90 Article 205.06. In the first sentence of the third paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 91 Article 205.06. In the first sentence of the fourth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the second sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 91 Article 205.06. In the second line of the fifth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 91 Article 205.06. In the sixth line of the eighth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 148 Article 302.09. In the second sentence of the fifth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 99" to "Illinois Modified AASHTO T 99".

Page 152 Article 310.09. In the second sentence of the second paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 99" to "Illinois Modified AASHTO T 99".

Page 155 Article 311.05(a). In the first sentence of the fifth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the second sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 155 Article 311.05(a). In the second line of the sixth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 163 Article 351.05(a). In the second sentence of the fifth paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)", and in the third sentence change "AASHTO T 224" to "Illinois Modified AASHTO T 99 (Annex A1)".

Page 163 Article 351.05(a). In the second line of the sixth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191".

Page 169 Article 352.11. In the second sentence of the fourth paragraph change "AASHTO T 191" to "Illinois Modified AASHTO T 191", and in the third sentence change "AASHTO T 134 (Method B)" to "Illinois Modified AASHTO T 134 (Method B)".

Page 169 Article 352.12. In the first sentence of the first paragraph change "AASHTO T 22" to "Illinois Modified AASHTO T 22", and in the second sentence change "AASHTO T 134 (Method B)" to "Illinois Modified AASHTO T 134 (Method B)".

Page 196 Article 406.07(a). After the footnotes in Table 1 - Minimum Roller Requirements for HMA add the following:

"EQUIPMENT DEFINITION

V_s - Vibratory roller, static mode, minimum 125 lb/in. (2.2 kg/mm) of roller width. Maximum speed = 3 mph (5 km/h) or 264 ft/min (80 m/min). If the vibratory roller does not eliminate roller marks, its use shall be discontinued and a tandem roller, adequately ballasted to remove roller marks, shall be used.

V_D - Vibratory roller, dynamic mode, operated at a speed to produce not less than 10 impacts/ft (30 impacts/m).

P - Pneumatic-tired roller, max. speed 3 1/2 mph (5.5 km/h) or 308 ft/min (92 m/min). The pneumatic-tired roller shall have a minimum tire pressure of 80 psi (550 kPa) and shall be equipped with heat retention shields. The self-propelled pneumatic-tired roller shall develop a compression of not less than 300 lb (53 N) nor more than 500 lb (88 N) per in. (mm) of width of the tire tread in contact with the HMA surface.

T_B - Tandem roller for breakdown rolling, 8 to 12 tons (7 to 11 metric tons), 250 to 400 lb/in. (44 to 70 N/mm) of roller width, max. speed = 3 1/2 mph (5.5 km/h) or 308 ft/min (92 m/min).

T_F - Tandem roller for final rolling, 200 to 400 lb/in. (35 to 70 N/mm) of roller width with minimum roller width of 50 in. (1.25 m). Ballast shall be increased if roller marks are not eliminated. Ballast shall be decreased if the mat shoves or distorts.

3W- Three wheel roller, max. speed = 3 mph (5 km/h) or 264 ft/min (80 m/min), 300 to 400 lb/in. (53 to 70 N/mm) of roller width. The three-wheel roller shall weigh 10 to 12 tons (9 to 11 metric tons)."

Page 331 Article 505.04(p). Under Range of Clearance in the first table change "in. x 10^{-6}" to "in. x 10^{-3}".

Page 444 Article 542.03. In the Notes in Table IIIB add "CPP Corrugated Polypropylene (CPP) pipe with smooth interior".

Page 445 Article 542.03. In the fourth column in Table IIIB (metric) change the heading for Type 5 pipe from "CPE" to "CPP".

Page 445 Article 542.03. In the Notes in Table IIIB (metric) change "PE Polyethylene (PE) pipe with a smooth interior" to "CPP Corrugated Polypropylene (CPP) pipe with smooth interior".

Page 449 Article 542.04(f)(2). In the third line of the second paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 544 Article 639.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, Traffic Signals," to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals,"".

Page 546 Article 640.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 548 Article 641.03. In the first sentence of the first paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaire and Traffic Signals," to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals,"".

Page 621 Article 727.03. In the first sentence of the third paragraph change "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 629 Article 734.03(a). In the fourth line of the second paragraph change "AASHTO T 99 (Method C)" to "Illinois Modified AASHTO T 99 (Method C)".

Page 649 Article 801.02. In the first sentence of the first paragraph change "AASHTO's Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 742 Article 1003.04(c). Under Gradation in the table change "(see Article 1003.02(c))" to "(see Article 1003.01(c))".

Page 755 Article 1004.03(b). Revise the third sentence of the first paragraph to read "For Class A (seal or cover coat), and other binder courses, the coarse aggregate shall be Class C quality or better.".

Page 809 Article 1020.04(e). In the third line of the first paragraph change "ITP SCC-3" to "ITP SCC-4".

Page 945 Article 1069.05. In the first sentence of the tenth paragraph change ""Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 961 Article 1070.04(b)(1). In the third sentence of the first paragraph change ""Standard Specifications of Structural Supports for Highway Signs, Luminaires and Traffic Signals" published by AASHTO" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 989 Article 1077.01. In the second sentence of the first paragraph change "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, as published by AASHTO" to "AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals"".

Page 1121 Article 1103.13(a). In the first line of the first paragraph change "Bridge Deck Approach Slabs." to "Bridge Deck and Approach Slabs.".

80364

FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)

Effective: April 1, 2009
Revised: July 1, 2015

Description. Fuel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in fuel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name and sign and date the form shall make this contract exempt of fuel cost adjustments for all categories of work. Failure to indicate "Yes" for any category of work will make that category of work exempt from fuel cost adjustment.

General. The fuel cost adjustment shall apply to contract pay items as grouped by category. The adjustment shall only apply to those categories of work checked "Yes", and only when the cumulative plan quantities for a category exceed the required threshold. Adjustments to work items in a category, either up or down, and extra work paid for by agreed unit price will be subject to fuel cost adjustment only when the category representing the added work was subject to the fuel cost adjustment. Extra work paid for at a lump sum price or by force account will not be subject to fuel cost adjustment. Category descriptions and thresholds for application and the fuel usage factors which are applicable to each are as follows:

(a) Categories of Work.

(1) Category A: Earthwork. Contract pay items performed under Sections 202, 204, and 206 including any modified standard or nonstandard items where the character of the work to be performed is considered earthwork. The cumulative total of all applicable item plan quantities shall exceed 25,000 cu yd (20,000 cu m). Included in the fuel usage factor is a weighted average 0.10 gal/cu yd (0.50 liters/cu m) factor for trucking.

(2) Category B: Subbases and Aggregate Base Courses. Contract pay items constructed under Sections 311, 312 and 351 including any modified standard or nonstandard items where the character of the work to be performed is considered construction of a subbase or aggregate, stabilized or modified base course. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is a 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.

(3) Category C: Hot-Mix Asphalt (HMA) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 355, 406, 407 and 482 including any modified standard or nonstandard items where the character of the work to be performed is considered HMA bases, pavements and shoulders. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.

(4) Category D: Portland Cement Concrete (PCC) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 353, 420, 421 and 483 including any modified standard or nonstandard items where the character of the work to be performed is considered PCC base, pavement or shoulder. The cumulative total of all applicable item plan quantities shall exceed 7500 sq yd (6000 sq m). Included in the fuel usage factor is 1.20 gal/cu yd (5.94 liters/cu m) factor for trucking.

(5) Category E: Structures. Structure items having a cumulative bid price that exceeds $250,000 for pay items constructed under Sections 502, 503, 504, 505, 512, 516 and 540 including any modified standard or nonstandard items where the character of the work to be performed is considered structure work when similar to that performed under these sections and not included in categories A through D.

(b) Fuel Usage Factors.

English Units

Category	Factor	Units
A - Earthwork	0.34	gal / cu yd
B – Subbase and Aggregate Base courses	0.62	gal / ton
C – HMA Bases, Pavements and Shoulders	1.05	gal / ton
D – PCC Bases, Pavements and Shoulders	2.53	gal / cu yd
E – Structures	8.00	gal / $1000

Metric Units

Category	Factor	Units
A - Earthwork	1.68	liters / cu m
B – Subbase and Aggregate Base courses	2.58	liters / metric ton
C – HMA Bases, Pavements and Shoulders	4.37	liters / metric ton
D – PCC Bases, Pavements and Shoulders	12.52	liters / cu m
E – Structures	30.28	liters / $1000

(c) Quantity Conversion Factors.

Category	Conversion	Factor
B	sq yd to ton	0.057 ton / sq yd / in depth
	sq m to metric ton	0.00243 metric ton / sq m / mm depth
C	sq yd to ton	0.056 ton / sq yd / in depth
	sq m to metric ton	0.00239 m ton / sq m / mm depth
D	sq yd to cu yd	0.028 cu yd / sq yd / in depth
	sq m to cu m	0.001 cu m / sq m / mm depth

Method of Adjustment. Fuel cost adjustments will be computed as follows.

$CA = (FPI_P - FPI_L) \times FUF \times Q$

Where: CA = Cost Adjustment, $
FPI_P = Fuel Price Index, as published by the Department for the month the work is performed, $/gal ($/liter)
FPI_L = Fuel Price Index, as published by the Department for the month prior to the letting for work paid for at the contract price; or for the month the agreed unit price letter is submitted by the Contractor for extra work paid for by agreed unit price, $/gal ($/liter)
FUF = Fuel Usage Factor in the pay item(s) being adjusted
Q = Authorized construction Quantity, tons (metric tons) or cu yd (cu m)

The entire FUF indicated in paragraph (b) will be used regardless of use of trucking to perform the work.

Basis of Payment. Fuel cost adjustments may be positive or negative but will only be made when there is a difference between the FPI_L and FPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(FPI_L - FPI_P) \div FPI_L\} \times 100$$

Fuel cost adjustments will be calculated for each calendar month in which applicable work is performed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Return With Bid

ILLINOIS DEPARTMENT OF TRANSPORTATION

OPTION FOR FUEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following categories of work?

Category A Earthwork.	Yes	☐
Category B Subbases and Aggregate Base Courses	Yes	☐
Category C HMA Bases, Pavements and Shoulders	Yes	☐
Category D PCC Bases, Pavements and Shoulders	Yes	☐
Category E Structures	Yes	☐

Signature: _____ **Date:** _____

80229

HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)

Effective: January 1, 2010
Revised: April 1, 2106

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

"Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge. (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.

b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location."

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

"Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign = 50	93.0 – 97.4% [1/]	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 [2/] – 97.4%	90.0%
SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%"

80246

PEDESTRIAN PUSH-BUTTON (BDE)

Effective: April 1, 2016

Revise Article 888.03 of the Standard Specifications to read:

"**888.03 Installation.** The pedestrian push-button shall be located next to the curb ramp, sidewalk, or a paved clear space with a minimum size of 2.5 ft x 4.0 ft (760 mm x 1.22 m). The front face of the push-button should be even with the nearest edge of the curb ramp, sidewalk, or clear space but shall in no case be further away than 10 in. (250 mm). The height of the push-button should be 36 in. (900 mm) above the paved surface but shall in no case be less than 30 in. (760 mm) or more than 42 in. (1.05 m). The housing of the push-button shall be completely in contact with the post, pole, or extension arm on which it is mounted. The Contractor shall apply an anti-seize paste compound on all nuts and bolts prior to assembly. The methods of mounting both the pedestrian push-button and the sign shall be approved by the Engineer."

80365

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012
Revise: April 1, 2016

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

(a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

(b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

(1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

(2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District provide documentation on the quality of the RAP to clarify the appropriate stockpile.

(1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100 % of FRAP Shall Pass
IL-19.0	1 1/2 in. (40 mm)
IL-9.5	3/4 in. (20 mm)
IL-4.75	1/2 in. (13 mm)

(2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogeneous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.

(3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.

(4) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

(b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

(a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

(a) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation, and when applicable G_{mm}. Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	
No. 30 (600 µm)	± 5 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder	± 0.4 % 1/
G_{mm}	± 0.03

1/ The tolerance for FRAP shall be ± 0.3 %.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

(b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

(a) RAP. The aggregate quality of the RAP for homogeneous and conglomerate stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

(1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from Class I binder, Superpave/HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Bureau of Materials and Physical Research Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

(1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.

(2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.

(3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. RAP/FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous RAP and FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.

(4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.

(5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.

(6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given Ndesign.

(b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.

(c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.

(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the Max RAP/RAS ABR table listed below for the given Ndesign.

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures 1/, 2/	RAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	10

50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the FRAP/RAS table listed below for the given Ndesign.

FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures 1/, 2/	FRAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified 3/, 4/
30	50	40	10
50	40	35	10
70	40	30	10
90	40	30	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28). If warm mix asphalt (WMA) technology is utilized and production temperatures do not exceed 275 °F (135 °C), the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.

4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 30 percent.

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

(a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.300 shall be used for mix design purposes.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

(a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.

f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.

h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(2) Batch Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).

d. Mineral filler weight to the nearest pound (kilogram).

e. RAP/FRAP/RAS weight to the nearest pound (kilogram).

f. Virgin asphalt binder weight to the nearest pound (kilogram).

g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.

(a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

(b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

80306

WARM MIX ASPHALT (BDE)

Effective: January 1, 2012
Revised: April 1, 2016

Description. This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA) at the Contractor's option. Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

Equipment.

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

"**1102.01 Hot-Mix Asphalt Plant.** The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot-Mix Asphalt Plants and Equipment". Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements."

Add the following to Article 1102.01(a) of the Standard Specifications.

"(11) Equipment for Warm Mix Technologies.

a. Foaming. Metering equipment for foamed asphalt shall have an accuracy of ± 2 percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.

b. Additives. Additives shall be introduced into the plant according to the supplier's recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes."

Mix Design Verification.

Add the following to Article 1030.04 of the Standard Specifications.

"(e) Warm Mix Technologies.

(1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.

(2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification."

Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

"The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C). WMA shall be delivered at a minimum temperature of 215 °F (102 °C)."

Basis of Payment.

This work will be paid at the contract unit price bid for the HMA pay items involved. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

80288

10507b 105.07

UTILITIES – LOCATIONS/INFORMATION ON PLANS

Effective: November 8, 2013

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines, and other utilities as shown on the plans are based on field investigation and locations provided by the utility companies, but they are not guaranteed. Unless elevations are shown, all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

10731 107.31

LOCATION OF UNDERGROUND STATE MAINTAINED FACILITIES

Effective: August 3, 2007 Revised: July 31, 2009

The Contractor shall be responsible for locating existing and proposed IDOT electrical facilities (traffic signal, overhead lighting, Intelligent Transportation System, etc.) prior to performing any work at his/her own expense if required. The Contractor shall also be liable for any damage to IDOT facilities resulting from inaccurate locating.

The Contractor may obtain, on request, plans for existing electrical facilities from the Department.

The Contractor shall also be responsible for locating and providing protection for IDOT facilities during all phases of construction. If at any time the facilities are damaged, the Contractor shall immediately notify the Department and make all necessary arrangements for repair to the satisfaction of the Engineer. This work will not be paid for separately, but shall be included in the contract bid price.

31101 311.01

SUBBASE GRANULAR MATERIAL

Effective: November 5, 2004

This work shall be in accordance with Section 311 of the Standard Specifications and as specified herein.

All Subbase Granular Material shall have a minimum IBR of 40.

40601 406.01

ANTI-STRIP ADDITIVE FOR HOT-MIX ASPHALT

Effective July 30, 2010

If an anti-stripping additive is required for any hot-mix asphalt in accordance with Article 1030.04(c), the cost of the additive will not be paid for separately, but shall be considered as included in the contract unit price bid for the hot-mix asphalt item(s) involved.

44003 440.03

PROTECTION OF FRAMES AND LIDS OF UTILITY STRUCTURES

Effective March 6, 1991 Revised January 1, 2007

This work shall consist of protecting frames and lids of utility structures in the pavement after the adjacent hot-mix asphalt surface has been removed to the required depth by cold milling or by hand methods.

After the area has been swept clean and before the lane is opened to traffic, a hot bituminous mixture shall be placed around the casting, flush with its surface and decreasing to a featheredge in a distance of 4 feet (1.2 m) around the entire surface of the casting. Cold mix or milled material will not be permitted. This mixture shall remain in place until the day surfacing operations are undertaken within the immediate area of the structure. Prior to placing the surface course, the temporary hot-mix asphalt mixture shall be removed and disposed of by the Contractor as specified in Article 202.03 of the Standard Specifications.

The temporary tapers and their removal shall be considered included in the contract unit price per Square Meter (Square Yard) for HOT-MIX ASPHALT SURFACE REMOVAL of the depth specified, and no additional compensation will be allowed.

44003b 440.03b

SURFACE REMOVAL, VARIABLE DEPTH

Description: This work shall consist of removing a portion of the existing hot-mix asphalt concrete surface course in accordance with the applicable portions of Section 440 and 1101 of the Standard Specifications, this special provision, details in the plans and as directed by the Engineer. The cold milled salvaged aggregate resulting from this operation shall become the property of the Contractor.

When the teeth become worn so that they do not produce a uniform surface texture, they shall all be changed at the same time (as a unit). Occasionally, individual teeth may be changed if they lock up or break, but this method shall not be used to avoid changing the set of teeth as a unit.

The moldboard is critical in obtaining the desired surface texture. It shall be straight, true, and free of excessive nicks or wear, and it shall be replaced as necessary to uniformly produce the required surface texture. Gouging of the pavement by more than 1/4 inch (6 mm) shall be sufficient cause to require replacement of all teeth. Occasional gouges, due to deteriorated pavement condition, or separation of lifts will not be cause to replace all teeth. The Engineer will be the sole judge of the cause of the pavement gouging and the corrective work required. Corrective work due to negligence or poor workmanship will be at the Contractor's expense.

Construction Requirements

General: Weather conditions, when milling work is performed, must be such that short term or temporary pavement markings can be placed the day the surface is milled in accordance with Section 703 "Work Zone Pavement Markings."

An automatic grade control device shall be used when milling mainline pavement and shall be capable of controlling the elevation of the drum relative to either a preset grade control stringline or a grade reference device traveling on the adjacent pavement surface. The automatic grade control device may be utilized on only one side of the machine with an automatic slope control device controlling the opposite side. The traveling grade reference device shall not be less than 30 feet (9 m) in length for rural areas. For urban areas, a device not less than 20 feet (6 m) in length will be required. When milling cross roads, turn lanes, intersections, crossovers, or other miscellaneous areas, the Engineer may permit the use of a matching shoe.

The Contractor shall use the new constructed gutter for longitudinal grade control and set the cross slope as indicated on the typical section drawings.

Surface tests will be performed according to Article 407.09(a) of the Standard Specifications. The profile will be taken 3 ft. (0.9 m) from and parallel to each edge of pavement and 3 ft. (0.9 m) from and parallel to the centerline on each side. If a shadow area is found at the 3 ft. (0.9 m) points, the pavement smoothness tester will be moved sufficient distance either side to measure the Contractor's milling efforts. If any (milled) surface variations found to be over 1/4" in 10' (6 mm in 3 m), then the roadway shall be re-profiled at no additional cost. In addition, the Contractor shall be responsible for refilling, with approved hot-mix asphalt mixtures, any area that lowered the pavement profile as a result of his faulty milling operations if directed by the Engineer. The Contractor shall be responsible for providing the pavement smoothness tester described elsewhere to retest the pavement profile obtained.

If the milling depth is intended to expose the original concrete pavement, then additional hand or machine work may be necessary to remove any remaining veneer of bituminous pavement which may be left in place behind the milling machine. Such work will be at the direction of the Engineer and at no extra cost to the State.

The Contractor shall provide a 10' (3 m) straightedge equipped with a carpenter's level or a 7' (2.1 m) electronic straightedge to check the cross slope of the roadway at regular intervals as directed by the Engineer.

Surface Texture: Each tooth on the cutting drum shall produce a series of discontinuous longitudinal striations. There shall be 16 to 20 striations (tooth marks) for each tooth for each 6' (1.8 m) in the longitudinal direction, and each striation shall be 1.7 inches ± 0.2 inch (43 ± 5 mm) in length after the area is planned by the moldboard. Thus, the planed length between each pair of striations shall be 2.3 inches ± 0.2 inch (58 ± 5 mm). There shall be 80 to 96 rows of discontinuous longitudinal striations for each 5' (1.5 m) in the transverse dimension. The areas between the striations in both the longitudinal and transverse directions shall be flat topped and coplaner. The moldboard shall be used to cut this plane; and any time the operation fails to produce this flat plane interspersed with a uniform pattern of discontinuous longitudinal striations, the operation shall be stopped and the cause determined and corrected before recommencing. Other similar patterns of uniform discontinuous longitudinal striations interspersed on a flat plane may be approved by the Engineer.

The startup milling speed shall be limited to a maximum of 50' (15 m) per minute. The Contractor shall limit his operations to this speed to demonstrate his ability to obtain the striations and rideability as described above. If the Contractor is able to demonstrate that he can consistently obtain the desired striations and rideability at a greater speed he will be permitted to run at the increased speed.

Cleanup: After cold milling a traffic lane and before opening the lane to traffic, the pavement shall be swept by a self-propelled street sweeper with power vacuum capability to prevent compaction of the cuttings onto the pavement. All loose material shall be removed from the roadway. Before the prime coat is placed, the pavement shall be cleaned of all foreign material to the satisfaction of the Engineer.

This cleanup work shall be considered included in the contract unit price per Square Yard (Square Meter) for SURFACE REMOVAL, VARIABLE DEPTH and no additional compensation will be allowed.

Method of Measurement:

Contract Quantities. The requirements for the use of Contract Quantities shall be Article 202.07(a) of the Standard Specifications.

Basis of Payment: The cold milling and planing will be paid for at the contract unit price per Square Yard (Square Meter) for SURFACE REMOVAL, VARIABLE DEPTH. Payment as specified will include variations in depth of cuts due to rutting, superelevations, and pavement crown and no additional compensation will be allowed.

55000 550.00
STORM SEWER, (WATER MAIN QUALITY PIPE)

Effective January 1, 2011
Revised August 1, 2014

This work consists of constructing storm sewer to meet water main standards, as required by the IEPA or when otherwise specified. The work shall be performed in accordance with applicable parts of Section 550 of the Standard Specifications, applicable sections of the current edition of the IEPA Regulations (Title 35 of the Illinois Administrative Code, Subtitle F, Chapter II, Section 653.119), the applicable sections of the current edition of the "Standard Specifications for Water and Sewer Main Construction in Illinois", and as herein specified.

This provision shall govern the installation of all storm sewers which do not meet IEPA criteria for separation distance between storm sewers and water mains. Separation criteria for storm sewers placed adjacent to water mains and water service lines are as follows:

(1) Water mains and water service lines shall be located at least 10 feet (3.05 meters) horizontally from any existing or proposed drain, storm sewer, sanitary sewer, or sewer service connections.

(2) Water mains and water service lines may be located closer than 10 feet (3.05 meters) to a sewer line when:

(a) Local conditions prevent a lateral separation of 10 feet (3.05 meters); and

(b) The water main or water service invert is 18 inches (460 mm) above the crown of the sewer; and

(c) The water main or water service is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer.

(3) A water main or water service shall be separated from a sewer so that its invert is a minimum of 18 inches (460 mm) above the crown of the drain or sewer whenever water mains or services cross storm sewers, sanitary sewers or sewer service connections. The vertical separation shall be maintained for that portion of the water main or water services located within 10 feet (3.05 meters) horizontally of any sewer or drain crossed.

When it is impossible to meet (1), (2) or (3) above, the storm sewer shall be constructed of concrete pressure pipe, slip-on or mechanical joints ductile iron pipe, or PVC pipe equivalent to water main standards of construction. Construction shall extend on each side of the crossing until the perpendicular distance from the water main or water service to the sewer or drain line is at least 10 feet (3.05 meters). Storm sewer meeting water main requirements shall be constructed of the following pipe materials:

Concrete Pressure Pipe

Concrete pressure pipe shall conform to the latest ANSI/AWWA C300, C301, C302, or C303.

Joints shall conform to Article 41-2.07B of the "Standard Specifications for Water and Sewer Main Construction in Illinois."

Ductile Iron Pipe

Ductile Iron pipe shall conform to ANSI A 21.51 (AWWA C151), class or thickness designed per ANSI A 21,50 (AWWA C150), tar (seal) coated and/or cement lined per ANSI A 21.4 (AWWA C104), with a mechanical or rubber ring (slip seal or push on) joints.

Joints for ductile iron pipe shall be in accordance with the following applicable specifications.

1. Mechanical Joints - AWWA C111 and C600
2. Push-On Joints - AWWA C111 and C600

Plastic Pipe

Plastic pipe shall be marked with the manufacturer's name (or trademark); ASTM or AWWA specification; Schedule Number, Dimension Ratio (DR) Number or Standard Dimension Ratio (SDR) Number; and Cell Class. The pipe and fittings shall also meet NSF Standard 14, and bear the NSF seal of approval. Fittings shall be compatible with the type of pipe used. The plastic pipe options shall be in accordance with the following:

1. Polyvinyl Chloride (PVC) conforming to ASTM Standard D 1785. Schedule 80 is the minimum required for all pipe sizes, except when the pipe is to be threaded, and then it shall be Schedule 120. It shall be made from PVC compound meeting ASTM D 1784, Class 12454.
2. Polyvinyl Chloride (PVC) conforming to ASTM D 2241. A minimum wall thickness of

SDR 26 is required for all pipe sizes (Note: The lower the SDR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.

3. Chlorinated Polyvinyl Chloride (CPVC) conforming to ASTM f 441. A minimum of Schedule 80 is required for all pipe sizes. Threaded joints are not allowed. It shall be made from CPVC compound meeting ASTM D 1784, Class 23447.
4. Chlorinated Polyvinyl Chloride (CPVC) conforming to ASTM F 442. A minimum wall thickness of SDR 26 is required for all pipe sizes (Note: The lower the SDR number, the higher the wall thickness and pressure rating). It shall be made from CPVC compound meeting ASTM D 1784.
5. Polyvinyl Chloride (PVC) conforming to ANSI/AWWA C900. A minimum of wall thickness of DR 25 is required for all pipe sizes (Note: The lower the DR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.
6. Polyvinyl Chloride (PVC) conforming to ANSI/AWWA C905. A minimum of wall thickness of DR 26 is required for all pipe sizes (Note: The lower the DR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.

Joining of plastic pipe shall be by push-on joint, solvent welded joint, heat welded joint, flanged joint, or threaded joint, in accordance with the pipe manufacturer's instructions and industry standards. Special precautions shall be taken to insure clean, dry contact surfaces when making solvent or heat welded joints. Adequate setting time shall be allowed for maximum strength.

Elastometric seals (gaskets) used for push-on joints shall comply with ASTM F477.

Solvent cement shall be specific for the plastic pipe material and shall comply with ASTM D 2564 (PVC) or ASTM F 493 (CPVC) and be approved by NSF.

This work will be measured and paid for at the contract unit price per Foot (Meter) for STORM SEWER (WATER MAIN QUALITY PIPE) of the diameter and type specified.

81000 810.00
CONDUIT, PUSHED OR TRENCHED

Effective October 1, 1991 Revised January 1, 2007

This work shall consist of furnishing and installing conduit under an existing roadway, driveway, or sidewalk, or trenched into the ground. The Contractor may substitute coilable polyethylene conduit of equal size.

In urban areas where the existing pavement is to be overlaid, if utility conflicts or other circumstances make a push impossible, then the Engineer may direct the Contractor to saw cut the pavement to install the conduit. This work shall consist of using a wheel saw to cut a 4" (100 mm) wide cut through the pavement and installing the conduit just below the pavement structure. The Contractor shall then backfill the cut with an approved bituminous concrete mixture. This work shall be performed before any rotomilling or overlaying of the pavement. The work of saw cutting the pavement and backfilling the cut will be paid for according to Article 109.04 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price per Foot (Meter) for CONDUIT of the size and type specified, which price shall be payment in full for furnishing and installing the conduit and fittings complete.

110300 1103.00
PCC QC/QA ELECTRONIC REPORT SUBMITTAL

Effective April 26, 2013

The Contractor's QC personnel shall be responsible for electronically submitting PRO and IND MI 654 Air, Slump, Quantity and PRO MI 655 PCC Strength Reports to the Department. The format for the electronic submittals will be the PCC QC/QA reporting program, which will be provided by the Department. Microsoft Office 2007 or newer is required for this program which must be provided by the Contractor.

110303 1103.03
PCC AUTOMATIC BATCHING EQUIPMENT

Effective April 23, 2010 Revised November 8, 2013

Portland cement concrete provided shall be produced from batch plants that conform to the requirements of Article 1103.03 (a) and (b) of the Standard Specifications for Road and Bridge Construction. Semi-automatic batching will not be allowed.

In addition, the batching plant shall be a computerized plant interfaced with a printer and shall print actual batch weights, added water, tempering water, mixing time, and amount of each additive per batch. At the discretion of the Engineer, archived electronic versions of batch proportions will be acceptable. Truck delivery tickets will still be required as per Article 1020.11 (a)(7) of the Standard Specifications.

CITY OF PEORIA
SUBCONTRACTOR PAYMENT FORM

PRIME CONTRACTOR

Name: _____

Address: _____

Phone: _____

Contact Person: _____

PROJECT

Name: _____

Pay Estimate No: _____

Percent Complete: _____%

Work Period: _____ to _____

INSTRUCTIONS: Complete the table below. If additional space is needed attach extra pages as needed and included all information listed in the table below; along with project name and prime contractor.

Subcontractor *(Name)*	**Payment Amount**	**Payment Type** *(**F**-full/ **P**-partial)*
	$	
	$	
	$	
	$	
	$	
	$	
Total Payment Amount for Work Completed	$	

This form is to verify the work completed and the amount paid to a subcontractor utilized on the above listed project. Under penalty of law for perjury or falsification, the undersigned certifies that the payment reported herein was made to the subcontractors listed.

_____ _____

Signature of Prime Contractor Date

CITY OF PEORIA
MONTHLY WORKFORCE ANALYSIS

Check appropriate status
_____**Contractor**
_____ **Subcontractor**

Month Ending_____

Name: _____

Address: _____

Contact Person: _____ Phone:_____

Project: _____

Date Work Started: _____ Percent Complete: _____%

	Number of Employees				Hours of Employment									
Job Categories	**Total # of Employees**		**Total Minorities**		**African American**		**Asian/Pacific Islander**		**American Indian/Alaskan Native**		**Hispanic**		**White**	
	M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**
Foremen														
Electricians														
Glaziers														
Iron Workers														
Laborers														
Teamsters														
Millwrights														
Pipe Fitters														
Plumbers														
Plasterers														
Painters														
Roofers														
Operating Engs														
Tile Layers														
Sheet Metal Wkrs														
TOTALS														

Instructions: The total number of hours worked on the project (Hours of Employment), and the total number of individuals working on the project during the reporting period (Number of Employees) should be submitted on this form to the Project Resident Engineer <u>every month</u>. Each contractor and subcontractor should submit with this form certified payroll records for the period covered. The prime contractor is responsible for securing and submitting with his/her report, reports from all subcontractors.

CITY OF PEORIA
NOTIFICATION OF CHANGE IN PARTICIPATION

Type of Change
_____ Subcontractor. Complete Part 1
_____ Self-Performance. Complete Part 2

Date:_____

PRIME CONTRACTOR

Name: _____
Address: _____
_____
Phone: _____

PROJECT

Name:_____

PART 1

If changing from previously identified subcontractor to another, complete both From and To.

From Name _____
_____
Address _____
_____
_____
_____
Phone _____
_____
Status _____ MBE _____ WBE _____ Non-M/WBE

To Name
Address
Phone
Status _____ MBE _____ WBE _____ Non-M/WBE
Contract Amount _____

Will scope of work change? _____ Yes _____ No
Describe change _____
_____
_____
Reason for Contractor Change _____
_____
_____

PART 2

Complete if deviating from intent to self-perform.

Prime Contractor will have to hire another contractor to perform work. _____ Yes _____ No

Change was due to _____ Emergency _____ Non-Emergency
Explain Situation _____
_____
_____

Describe good faith efforts to utilize M/WBE _____
_____
_____

Name of added Contractor _____
Address _____
_____
Phone _____
Status _____ MBE _____ WBE _____ Non-M/WBE Contract Amount _____
Scope of Work _____
_____

Signed: _____ _____
Contractor Title

APPENDIX B - Excerpts of Final Preliminary Site Investigation

****FINAL****

Preliminary Site Investigation Report
Six Potential Waste Sites
Along FAU 6593 (University Street)
Forrest Hill Avenue to War Memorial Drive
Peoria, Peoria County, Illinois

February 16, 2016

Prepared for:

Crawford, Murphy & Tilly, Inc.
401 SW Water Street, Suite 209
Peoria, IL 61602

Prepared by:

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1. INTRODUCTION

This Preliminary Site Investigation (PSI) report was prepared for Crawford, Murphy & Tilly, Inc. (CMT). This PSI report evaluates potential waste sites identified by Andrews Engineering, Inc. (AEI) that are located along the existing right-of-way (ROW) where excavations associated with University Street are planned. This evaluation characterizes the nature and extent of contaminants in soils, if any, within the sampled areas and estimates the volume and cost to handle or dispose of such soils.

1.1. Investigation Objectives

The objectives of the investigation as defined in the work plan approved by CMT on February 11, 2015 are:

- Determine the nature and extent of soil contamination within the ROW.
- Based on the results of the soil chemical analyses, prepare a site investigation report with findings, conclusions, and recommendations which include the remediation scope of work. The remediation scope of work will include an estimate of contaminated soil excavation quantities and an estimated cost for remediation.
- Evaluate the potential for contaminant migration to surrounding properties within the project area and present recommendations for reducing or eliminating such migration, if necessary.

1.2. Background

A Preliminary Environmental Site Assessment (PESA) was conducted by AEI for the various properties along University Street in Peoria, Peoria County, Illinois. The PESA included a reconnaissance of the properties, a review of readily available records, a search of pertinent environmental databases, an evaluation of historical aerial photographs and maps, and a description of the local and regional geology and hydrogeology. The PESA report, dated December 19, 2014, provides a comprehensive review of history and environmental conditions of the project area based on available information. The PESA identified recognized environmental conditions (RECs) at sites adjacent to the areas of proposed construction excavation. CMT responded to the PESA by indicating a PSI of potential waste sites along University Street alignment was warranted. Excerpts of the PESA are presented in Appendix A.

On February 10, 2015, AEI submitted a work plan to conduct a PSI of six potential waste sites along University Street in Peoria, Peoria County, Illinois. As requested by CMT, AEI's investigation was limited to the proposed project area and did not extend to potential sources beyond the prescribed project area limits.

1.3. CMT Project Description & Sampling Rationale

CMT file information provided to AEI indicates proposed improvements along University Street include road resurfacing, sidewalk construction, driveway reconstruction, curb/gutter, storm sewer, and storm inlets. The proposed improvements require earth excavation.

Excavation areas located adjacent to potential waste sites are required to be investigated because these sites cannot be avoided during construction. According to CMT, the proposed construction excavations associated with improving University Street extend to a maximum depth of 4 feet below ground surface (bgs).

1.4. CMT Right-of-Way Acquisition

According to CMT's proposed plans, temporary easement is proposed at all of the subject potential waste sites under this contract.

2. INVESTIGATION PROCEDURES

The field investigation was completed in accordance with both the CMT-approved work plan for University Street, Forrest Hill Avenue to War Memorial Drive and State-approved standard operating procedures (SOPs) for field investigations.

2.1. Sample Identification Rationale

Individual sampling locations are identified with a unique alphanumeric identification code, described below.

- The first part of the identification designation is a number representing the project site. For example, all borings performed at the Sun Loan & Khoury's Cuisine site will start with a "62".
- Following these designations is a number for each boring with the first letter signifying media type. For example, the first soil boring to be conducted at the Sun Loan & Khoury's Cuisine site is designated "62-B01". The "B" indicates this is a soil boring.

2.2. Sampling Procedures

2.2.1 Soil Sampling Procedures

On February 11, 2015, AEI conducted a site reconnaissance to mark proposed boring locations for the utility locate conducted prior to the subsurface investigation. Boring locations were marked with regard to proposed excavation areas activities, apparent utility lines, and permanent structures within the project area.

On February 17 and 18, 2015, AEI and Fusion Construction Services, LLC advanced 12 soil borings using a Geoprobe® direct-push drilling unit. Soil samples were collected from the soil borings to define the general nature and extent of potential contamination related to the project site. After each boring was completed, the sampler was decontaminated with an Alconox® and distilled water solution. Each borehole was backfilled with bentonite chips.

All soil samples were field screened by visual and olfactory methods for the presence of contamination and then field screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs). Soil cores were screened in two-foot intervals using a calibrated MiniRAE 2000 portable PID. AEI logged each soil boring by recording the depth interval, percent recovery, soil description, and headspace screening results. Boring logs are presented in Appendix B.

AEI collected 13 soil samples, including one duplicate sample, from the project area for laboratory analyses. Soil samples were collected from each soil boring in accordance with SW-846. Soil samples designated for analyses were placed into laboratory grade containers and delivered to the Teklab Environmental Testing Laboratory in Collinsville, Illinois. Sample identification, documentation, and chain-of-custody were conducted in accordance with IDOT approved SOPs. Each soil sample was analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, Toxicity Characteristic Leaching Procedure

(TCLP) and Synthetic Precipitation Leaching Procedure (SPLP) metals, pH and percent solids. A waste characterization soil sample was not collected.

2.3. Screening Levels

Soil analytical results for each parameter are compared to the Illinois EPA's table titled *Summary of Maximum Allowable Concentrations of Chemical Constituents in Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 Ill. Adm. Code 1100.Subpart F).* Where applicable, the soil analytical results for relevant parameters are compared to the most stringent Tier 1 soil remediation objective for residential properties, as presented in Appendix B, Table A of TACO (35 Ill. Adm. Code 742). TCLP and SPLP analytical results are compared to 35 Ill. Adm. Code Part 742: Tiered Approach for Corrective Action Objectives (TACO) Class I groundwater remediation objectives. The magnitude of the analytical results relative to the screening levels determines how and where excavated soils are to be managed. Report qualifiers and acronyms for analytical tables are shown in Table 1. Table 2 provides the parameters and laboratory reporting limits which exceed the Maximum Allowable Concentrations and/or Class I groundwater remediation objectives. Based on the land use information provided in the PESA these constituents are not expected to be present in site soils. The remediation objectives for soil are shown in Tables 3 and 4.

Soil sample pH levels are compared to the acceptable range for disposal into a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation (USFO). 35 Ill. Adm. Code 1100 requires the pH measurement of soil to be from 6.25 to 9.0 to qualify for proper disposal. If the soil pH measurement falls outside of this range, the soil cannot be managed within a CCDD/USFO. Soils with a pH measurement outside of the acceptable range but otherwise not impacted by contaminants of concern (COCs) may be managed on-site and reused as backfill or off-site as uncontaminated soil so long as the soil does not go to a CCDD/USFO.

PID headspace screening results are compared to PID background readings. The PID instrument is accurate to 1 ppm between 0 and 10 ppm; therefore, any value equal to 1 or greater than the measured background level is considered "above background". Soil exhibiting PID readings above background cannot be accepted by a CCDD/USFO.

2.4. Evaluation of Sampling Results

AEI's field investigation uses pre-designated sampling and/or boring locations to provide an initial characterization of site conditions. The investigation was limited in terms of the number of samples collected. Consequently, the findings and conclusions of this investigation should be considered preliminary and subject to revision if additional site data becomes available.

When contaminated soil is found, the estimated volume of contaminated soil is based on the investigation findings and following assumptions:

- The horizontal length of contamination is determined by a rectangle encompassing the affected boring(s) extending laterally one-half the distance between the affected boring and the adjacent boring that does not contain a compound above a remedial objective or the adjacent property boundary. The horizontal width of contamination can be measured

from the centerline of the roadway to half the distance between the boring that does not have any exceedence or the construction limit.

- For VOCs, the vertical extent of contamination is conservatively interpreted by assuming the soil sample interval is impacted if the analytical results exceed the remedial objective or if PID headspace readings are observed above the respective background readings.
- The vertical extents of SVOC and inorganic compound contamination are generally assumed to extend from the surface to the depth interval where the exceedence of the remedial objective was observed.

3. FIELD INVESTIGATION RESULTS

This section summarizes AEI's field investigation activities including field observations, headspace screening results, a discussion of analytical results compared to soil remediation objectives, and an assessment of the nature and extent of contamination relative to proposed excavation and construction. The field investigation summaries are reported on a site-by-site basis.

3.1. Applicable Project Area Geology

3.1.1 Shallow Soils

In general, the soils observed within the proposed construction extents and depths are primarily clay and silty clay with occasional intervals of sand. Within the project area the Natural Resources Conservation Services (NRCS) has classified the soils as silty loams and urban land. Soils observed during the investigation are synonymous with the soils described by the NRCS. Groundwater was not encountered in any of the soil borings.

A detailed description of project geology and hydrogeology is presented in the AEI PESA in Appendix A. Soil boring logs are presented in Appendix B.

3.2. Site 53 – Unoccupied Property

3.2.1 Field Investigation Summary

Two soil samples, including one duplicate sample, were collected from boring 53-B01 between 0 and 2 feet bgs. The boring location is shown on Figure 2. AEI field personnel did not observe odors or staining indicative of contamination in soil samples collected from the boring and PID headspace screening readings were not detected above background (0 ppm).

3.2.2 Analytical Results

3.2.2.1 Soil

The analytical results for the soil samples are presented in Table 3a. Three VOCs and 15 metals were detected among the samples collected from site 53 between 0 and 2 feet bgs. Six metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP analysis was not performed.

The pH measurement of sample 53-B01 (0-2 ft) was outside the acceptable range (6.24). The pH measurement of sample 53-B01 DUP (0-2 ft) was within the acceptable range.

3.2.3 Nature and Extent of Contaminants of Concern

3.2.3.1 Soil

As shown in Table 4, the COC in site soils is arsenic.

- **Arsenic** exceeded the Metropolitan Statistical Area (MSA) Maximum Allowable Concentration (MAC) as well as the most stringent TACO Tier 1 Soil Remediation Objective for Residential Properties in samples 53-B01 (0-2 ft) and 53-B01 DUP (0-2 ft).

Table 5 lists the COCs detected above applicable MACs and the estimated volume of impacted soil at each boring. Volumes of impacted soil are estimated without regard for property boundaries or planned excavation activities.

3.2.4 Construction Activities within Impacted Soil Areas

Proposed construction excavations for road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter are anticipated within the site area impacted by arsenic. As indicated by CMT, the maximum excavation depth is 2 feet bgs.

Table 6 summarizes the areas where construction excavation is anticipated to encounter soil assumed to contain COCs above applicable MACs. The table includes soil excavation volumes that are proposed within the impacted soil area that require proper handling and disposal if removed from the site. The assumed area of impacted construction excavation is depicted on Figure 2.

3.3. Site 54 – Unoccupied Property

3.3.1 Site Field Observations and Sampling Rationale

Two soil samples were collected from borings 54-B01 and 54-B02 between 0 and 2 feet bgs. The boring locations are shown on Figure 2. AEI field personnel did not observe odors or staining indicative of contamination in the soil samples collected from the borings, and PID headspace screening readings were not detected above background (0 ppm).

3.3.2 Analytical Results

3.3.2.1 Soil

The analytical results for the soil samples are presented in Table 3b. Five VOCs and 16 metals were detected among the samples collected from site 54 between 0 and 2 feet bgs. Eleven metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP iron, lead, and manganese analyses were performed on one sample.

The pH measurement of the sample from boring 54-B02 was outside the acceptable range (9.22). The pH measurement of the sample from boring 54-B01 was within the acceptable range.

3.3.3 Nature and Extent of Contaminants of Concern

3.3.3.1 Soil

As shown in Table 4, the COCs in site soils are arsenic and manganese.

- **Arsenic** exceeded the MSA MAC as well as the most stringent TACO Tier 1 Soil Remediation Objective for Residential Properties in sample 54-B01 (0-2 ft).
- **Arsenic** exceeded the most stringent MAC but was below the MSA MAC and the most stringent TACO Tier I Soil Remediation Objective for Residential Properties in sample 54-B02 (0-2 ft).

- **Manganese** exceeded the MSA MAC but was below the most stringent TACO Tier 1 Soil Remediation Objective for Residential Properties in sample 54-B01 (0-2 ft).
- **TCLP/SPLP Manganese** exceeded the Tier I concentration for the soil component of the groundwater ingestion exposure route in sample 54-B01 (0-2 ft).

Table 5 lists the COCs detected above applicable MACs and the estimated volume of impacted soil at each boring. Volumes of impacted soil are estimated without regard for property boundaries or planned excavation activities.

3.3.4 Construction Activities within Impacted Soil Areas

Proposed construction excavations for road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter are anticipated within site areas impacted by COCs. As indicated by CMT, the maximum excavation depth is 2 feet bgs.

Table 6 summarizes the areas where construction excavation is anticipated to encounter soil assumed to contain COCs above applicable MACs. The table includes soil excavation volumes that are proposed within the impacted soil area that require proper handling and disposal if removed from the site. The assumed areas of impacted construction excavation are depicted on Figure 2.

3.4. Site 62 – Sun Loan & Khoury's Cuisine

3.4.1 Site Field Observations and Sampling Rationale

Two soil samples were collected from borings 62-B01 and 62-B02 between 0 and 4 feet bgs. The boring locations are shown on Figure 3. AEI field personnel did not observe odors or staining indicative of contamination in the soil samples collected from the borings, and PID headspace screening readings were not detected above background (0 ppm).

3.4.2 Analytical Results

3.4.2.1 Soil

The analytical results for the soil samples are presented in Table 3c. Six VOCs and 16 metals were detected among the samples collected from site 62 between 0 and 4 feet bgs. Eleven metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP analysis was not performed.

The pH measurements of the samples from borings 62-B01 and -B02 were within the acceptable range.

3.4.3 Nature and Extent of Contaminants of Concern

3.4.3.1 Soil

As shown in Table 4, no COCs were found in site soils.

3.5. Site 63 – Parking Lot

3.5.1 Site Field Observations and Sampling Rationale

Two soil samples were collected from borings 63-B01 and 63-B02 between 0 and 4 feet bgs. The boring locations are shown on Figure 3. AEI field personnel did not observe odors or staining indicative of contamination in the soil samples collected from the borings, and PID headspace screening readings were not detected above background (0 ppm).

3.5.2 Analytical Results

3.5.2.1 Soil

The analytical results for the soil samples are presented in Table 3d. Six VOCs, two SVOCs, and 17 metals were detected among the samples collected from site 63 between 0 and 4 feet bgs. Six metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP analysis was not performed.

The pH measurements of the samples from borings 63-B01 and -B02 were within the acceptable range.

3.5.3 Nature and Extent of Contaminants of Concern

3.5.3.1 Soil

As shown in Table 4, the COC in site soils is arsenic.

- **Arsenic** exceeded the most stringent MAC but was below the MSA MAC and the most stringent TACO Tier I Soil Remediation Objective for Residential Properties in sample 63-B02 (0-4 ft).

Table 5 lists the COCs detected above applicable MACs and the estimated volume of impacted soil at each boring. Volumes of impacted soil are estimated without regard for property boundaries or planned excavation activities.

3.5.4 Construction Activities within Impacted Soil Areas

Proposed construction excavations for road resurfacing, sidewalk construction, driveway reconstruction, curb/gutter, and storm inlets are anticipated within the site area impacted by arsenic. As indicated by CMT, the maximum excavation depth is 4 feet bgs.

Table 6 summarizes the areas where construction excavation is anticipated to encounter soil assumed to contain COCs above applicable MACs. The table includes soil excavation volumes that are proposed within the impacted soil area that require proper handling and disposal if removed from the site. The assumed area of impacted construction excavation is depicted on Figure 3.

3.6. Site 64 – ALDI's Grocery Store

3.6.1 Site Field Observations and Sampling Rationale

Three soil samples were collected from borings 64-B01 through 64-B03 between 0 and 4 feet bgs. The boring locations are shown on Figures 3 and 4. AEI field personnel did not observe odors or staining indicative of contamination in the soil samples collected from the borings, and PID headspace screening readings were not detected above background (0 ppm).

3.6.2 Analytical Results

3.6.2.1 Soil

The analytical results for the soil samples are presented in Table 3e. Seven VOCs, ten SVOCs and 16 metals were detected among the samples collected from site 64 between 0 and 4 feet bgs. Ten metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP iron and lead analyses were performed among the samples.

The pH measurements of the samples from borings 64-B01 through -B03 were within the acceptable range.

3.6.3 Nature and Extent of Contaminants of Concern

3.6.3.1 Soil

As shown in Table 4, the COC in site soils is benzo(a)pyrene.

- **Benzo(a)pyrene** exceeded the most stringent MAC but was below the MAC within a populated area in a non-MSA county in sample 64-B02 (0-2 ft).

Table 5 lists the COCs detected above applicable MACs and the estimated volume of impacted soil at each boring. Volumes of impacted soil are estimated without regard for property boundaries or planned excavation activities.

3.6.4 Construction Activities within Impacted Soil Areas

Proposed construction excavations for road resurfacing, sidewalk construction, driveway reconstruction and curb/gutter are anticipated within the site area impacted by benzo(a)pyrene. As indicated by CMT, the maximum excavation depth is 2 feet bgs.

Table 6 summarizes the areas where construction excavation is anticipated to encounter soil assumed to contain COCs above applicable MACs. The table includes soil excavation volumes that are proposed within the impacted soil area that require proper handling and disposal if removed from the site. The assumed area of impacted construction excavation is depicted on Figure 3.

3.7. Site 72 – McDonald's

3.7.1 Site Field Observations and Sampling Rationale

Two soil samples were collected from borings 72-B01 and 72-B02 between 0 and 2 feet bgs. The boring locations are shown on Figure 5. AEI field personnel did not observe odors or

staining indicative of contamination in the soil samples collected from the borings, and PID headspace screening readings were not detected above background (0 ppm).

3.7.2 Analytical Results

3.7.2.1 Soil

The analytical results for the soil samples are presented in Table 3f. Two VOCs, two SVOCs and 16 metals were detected among the samples collected from site 72 between 0 and 2 feet bgs. Eleven metals were detected by SPLP analysis. Based on the results of SPLP analysis, TCLP iron, lead, and manganese analyses were performed on one sample.

The pH measurements of the samples from borings 72-B01 and -B02 were within the acceptable range.

3.7.3 Nature and Extent of Contaminants of Concern

3.7.3.1 Soil

As shown in Table 4, the COC in site soils is arsenic.

- **Arsenic** exceeded the MSA MAC as well as the most stringent TACO Tier 1 Soil Remediation Objective for Residential Properties in sample 72-B02 (0-2 ft).
- **Arsenic** exceeded the most stringent MAC but was below the MSA MAC and the most stringent TACO Tier I Soil Remediation Objective for Residential Properties in sample 72-B01 (0-2 ft).

Table 5 lists the COCs detected above applicable MACs and the estimated volume of impacted soil at each boring. Volumes of impacted soil are estimated without regard for property boundaries or planned excavation activities.

3.7.4 Construction Activities within Impacted Soil Areas

Proposed construction excavations for road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter are anticipated within site areas impacted by arsenic. As indicated by CMT, the maximum excavation depth is 2 feet bgs.

Table 6 summarizes the areas where construction excavation is anticipated to encounter soil assumed to contain COCs above applicable MACs. The table includes soil excavation volumes that are proposed within the impacted soil area that require proper handling and disposal if removed from the site. The assumed areas of impacted construction excavation are depicted on Figure 5.

4. CONCLUSIONS AND RECOMMENDATIONS

AEI investigation identified the presence of COCs in project area soils. The contaminant concentrations, pH, and PID headspace screening results were evaluated for each site to determine proper management requirements for soil removed from the sites during construction. The analytical results of soil sampling indicate impacts to soils above all applicable MAC objectives in three areas within the proposed areas of construction. Soils that exceed all applicable MACs must be handled and disposed of as non-special waste if removed from the construction site for disposal.

The analytical results of soil sampling indicate impacts to soils above either the most stringent MACs and/or the Tier 1 concentration for the soil component of the groundwater ingestion exposure route (Class I) in three areas among three sites within the proposed areas of construction. The aforementioned soils can be utilized within the construction limits as fill or managed off-site as "uncontaminated soil" to a CCDD/USFO within a MSA County.

Soils with a pH measurement outside of the acceptable range may not be managed within a CCDD/USFO.

Soils that do not exceed the most stringent MACs can be managed on-site as fill or off-site as uncontaminated soil.

4.1. Estimated Soil Management Volumes and Costs

4.1.1 Site 53 – Unoccupied Property

4.1.1.1 *Management of Excavated Soil*

The concentration of arsenic in the soil samples collected from soil boring 53-B01 exceeds all applicable MACs indicating the soil within the maximum excavation depth shall be managed as "non-special waste" providing that a "non-special waste certification" is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a "non-special waste certification" can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

4.1.1.2 *Estimated Volume of Managed Soil*

Soils excavated from the area associated with soil boring 53-B01 (shown on Figure 2) between 0 and 2 feet bgs require special handling and proper disposal as non-special waste. The estimated maximum volume of impacted construction excavation soil that is required to be disposed of as non-special waste is approximately 31 cubic yards (see Table 6).

Construction excavation volume was estimated based upon information provided by CMT for the proposed University Street improvements. Road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter were assumed to have a maximum excavation depth of one foot.

4.1.1.3 *Estimated Soil Management Cost*

As shown in Table 7, the estimated cost to excavate, manage, and dispose of impacted soils, including the special waste plans and reports, and soil sample analyses, is approximately **$5,115.**

4.1.2 Site 54 – Unoccupied Property

4.1.2.1 *Management of Excavated Soil*

The concentration of arsenic in the soil sample collected from soil boring 54-B01 exceeds all applicable MACs indicating the soil within the maximum excavation depth shall be managed as "non-special waste" providing that a "non-special waste certification" is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a "non-special waste certification" can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

The concentration of arsenic in the soil sample collected from soil boring 54-B02 exceeds the MAC and the MAC level for pH. Soil within the maximum excavation depth may be managed on-site as fill. In the event that the soil cannot be managed on-site, the soil should be managed as a "non-special waste" as described above.

4.1.2.2 *Estimated Volume of Managed Soil*

Soils excavated from the area associated with soil boring 54-B01 (shown on Figure 2) between 0 and 2 feet bgs require special handling and proper disposal as non-special waste. The estimated maximum volume of impacted construction excavation soil that is required to be disposed of as non-special waste is approximately 46 cubic yards (see Table 6).

Soils excavated from the area associated with soil boring 54-B02 (shown on Figure 2) between 0 and 2 feet bgs may be managed on-site or off-site as non-special waste. The estimated maximum volume of impacted construction excavation soil that may be required to be disposed of as non-special waste is approximately 41 cubic yards (see Table 6).

Construction excavation volume was estimated based upon information provided by CMT for the proposed University Street improvements. Road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter were assumed to have a maximum excavation depth of one foot.

4.1.2.3 *Estimated Soil Management Cost*

As shown in Table 7, the estimated cost to excavate, manage, and dispose of impacted soils, including the special waste plans and reports, and soil sample analyses, is approximately **$8,755.**

4.1.3 Site 62 – Sun Loan & Khoury's Cuisine

4.1.3.1 *Management of Excavated Soil*

Soils excavated adjacent to soil borings 62-B01 and 62-B02 are considered uncontaminated and its use is considered unrestricted. However, this conclusion is based on limited data points and any soil excavated in non-restricted areas which exhibits visual and/or olfactory evidence of contamination should be tested and appropriate management options evaluated. An Uncontaminated Soil Certificate form is included in Appendix D for this property for soil in the vicinity of borings 62-B01 and 62-B02.

4.1.4 Site 63 – Parking Lot

4.1.4.1 *Management of Excavated Soil*

The concentration of arsenic in the soil sample collected from soil boring 63-B02 exceeds the MAC. Soil within the maximum excavation depth may be managed on-site as fill, or managed off-site to a CCDD/USFO within a MSA County. An Uncontaminated Soil Certification form is included in Appendix D for this property. In the event that the soil cannot be managed on-site or to a CCDD/USFO, the soil should be managed as a "non-special waste" providing that a "non-special waste certification" is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a "non-special waste certification" can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

Soils excavated adjacent to soil boring 63-B01 are considered uncontaminated and its use is considered unrestricted. However, this conclusion is based on limited data points and any soil excavated in non-restricted areas which exhibits visual and/or olfactory evidence of contamination should be tested and appropriate management options evaluated. An Uncontaminated Soil Certificate form is included in Appendix D for this property for soil in the vicinity of boring 63-B01.

4.1.4.2 *Estimated Volume of Managed Soil*

Soils excavated from the area associated with soil boring 63-B02 (shown on Figure 3) between 0 and 4 feet bgs may be managed on-site or to a CCDD/USFO. The estimated volume of impacted construction excavation soil that is anticipated for disposal in a CCDD/USFO is approximately 166 cubic yards (see Table 6).

Construction excavation volume was estimated based upon information provided by CMT for the proposed University Street improvements. Road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter were assumed to have a maximum excavation depth of one foot. Storm sewer inlets were assumed have a maximum excavation depth of four feet and trench width of two feet.

4.1.4.3 *Estimated Soil Management Cost*

As shown in Table 7, the estimated cost to excavate, manage, and dispose of impacted soils, including the special waste plans and reports, and soil sample analyses, is approximately **$13,890.**

4.1.5 Site 64 – ALDI's Grocery Store

4.1.5.1 *Management of Excavated Soil*

The concentration of benzo(a)pyrene in the soil sample collected from soil boring 64-B02 exceeds the MAC. Soil within the maximum excavation depth may be managed on-site as fill, or managed off-site to a CCDD/USFO within a MSA County. An Uncontaminated Soil Certification form is included in Appendix D for this property. In the event that the soil cannot be managed on-site or to a CCDD/USFO, the soil should be managed as a "non-special waste" providing that a "non-special waste certification" is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a "non-special waste certification" can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

Soils excavated adjacent to soil borings 64-B01 and 64-B03 are considered uncontaminated and its use is considered unrestricted. However, this conclusion is based on limited data points and any soil excavated in non-restricted areas which exhibits visual and/or olfactory evidence of contamination should be tested and appropriate management options evaluated. An Uncontaminated Soil Certificate form is included in Appendix D for this property for soil in the vicinity of borings 64-B01 and 64-B03.

4.1.5.2 *Estimated Volume of Managed Soil*

Soils excavated from the area associated with soil boring 64-B02 (shown on Figure 3) between 0 and 2 feet bgs may be managed on-site or to a CCDD/USFO. The estimated volume of impacted construction excavation soil that is anticipated for disposal in a CCDD/USFO is approximately 60 cubic yards (see Table 6).

Construction excavation volume was estimated based upon information provided by CMT for the proposed University Street improvements. Road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter were assumed to have a maximum excavation depth of one foot.

4.1.5.3 *Estimated Soil Management Cost*

As shown in Table 7, the estimated cost to excavate, manage, and dispose of impacted soils, including the special waste plans and reports, and soil sample analyses, is approximately **$7,000.**

4.1.6 Site 72 – McDonald's

4.1.6.1 *Management of Excavated Soil*

The concentration of arsenic in the soil sample collected from soil boring 72-B02 exceeds all applicable MACs indicating the soil within the maximum excavation depth shall be managed as "non-special waste" providing that a "non-special waste certification" is submitted by the generator according to the conditions in 415 ILCS 5/22.48 and 415 ILCS 5/3.475. The property history and available analytical data indicate a "non-special waste certification" can be applied to soil anticipated to be excavated adjacent to and within this property during construction activities.

The concentration of arsenic in the soil sample collected from soil boring 72-B01 exceeds the MAC. Soil within the maximum excavation depth may be managed on-site as fill, or managed off-site to a CCDD/USFO within a MSA County. An Uncontaminated Soil Certification form is included in Appendix D for this property. In the event that the soil cannot be managed on-site or to a CCDD/USFO, the soil should be managed as a "non-special waste" as described above.

4.1.6.2 *Estimated Volume of Managed Soil*

Soils excavated from the area associated with soil boring 72-B02 (shown on Figure 5) between 0 and 2 feet bgs require special handling and proper disposal as non-special waste. The estimated volume of impacted construction excavation soil that is required to be disposed of as non-special waste is approximately 76 cubic yards (see Table 6).

Soils excavated from the area associated with soil boring 72-B01 (shown on Figure 5) between 0 and 2 feet bgs may be managed on-site or to a CCDD/USFO. The estimated volume of impacted construction excavation soil that is anticipated for disposal in a CCDD/USFO is approximately 90 cubic yards (see Table 6).

Construction excavation volume was estimated based upon information provided by CMT for the proposed University Street improvements. Road resurfacing, sidewalk construction, driveway reconstruction, and curb/gutter were assumed to have a maximum excavation depth of one foot.

4.1.6.3 *Estimated Soil Management Cost*

As shown in Table 7, the estimated cost to excavate, manage, and dispose of impacted soils, including the special waste plans and reports, and soil sample analyses, is approximately **$13,890.**

4.2. Soil Management Areas and Applicable Regulations

This section presents recommendations for proper management of soils based upon the results of AEI's investigation described herein.

4.2.1 Site 53 – Unoccupied Property

- Station 91+31 to Station 91+90, 0 to 45 feet RT along University Street (Unoccupied Property, PESA Site 53, 3212 N University Street): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

4.2.2 Site 54 – Unoccupied Property

- Station 91+90 to Station 92+78, 0 to 45 feet RT along University Street (Unoccupied Property, PESA Site 54, 3220 N University Street): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic and manganese.

- Station 92+78 to Station 93+63, 0 to 45 feet RT along University Street (Unoccupied Property, PESA Site 54, 3220 N University Street): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

4.2.3 Site 63 – Parking Lot

- Station 98+33 to Station 99+80, 0 to 75 feet LT along University Street (Parking Lot, PESA Site 63, 3403 N University Street): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

4.2.4 Site 64 – ALDI's Grocery Store

- Station 99+67 to Station 100+86, 0 to 55 feet RT along University Street (ALDI's Grocery Store, PESA Site 64, 3420 N University Street): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Benzo(a)pyrene.

4.2.5 Site 72 – McDonald's

- Station 107+57 to Station 108+55, 0 to 65 feet RT along University Street (McDonald's, PESA Site 72, 3600 N University Street): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

- Station 108+55 to Station 109+51, 0 to 65 feet RT along University Street (McDonald's, PESA Site 72, 3600 N University Street): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

4.3. Recommendations

4.3.1 Additional Investigations

Additional soil samples are not proposed at the project area. All environmental media collected have been analyzed and compared with maximum allowable remediation objectives and evaluated relative to proposed construction activities.

4.3.2 Construction Worker Health and Safety

This report presents analytical results of site soils. Construction worker health and safety are the sole responsibility of the construction contractor. OSHA regulations should be adhered to during all construction activities. Where the City of Peoria will be excavating and disposing of non-special waste, it is recommended a Health and Safety Plan be developed in accordance with 29 CFR 1910.120, and implemented during soil excavation activities.

5. REFERENCES

Andrews Engineering, Inc., February 2015. *Work Plan for the Preliminary Site Investigation of Six Potential Waste Sites Along FAU 6593 (University Street) From Forrest Hill Avenue to War Memorial Drive, Peoria, Peoria County, Illinois.*

Andrews Engineering, Inc. (AEI), December 19, 2014. Preliminary Environmental Site Assessment, North University Street, Peoria, Peoria County.

6. TABLES

Table 1
Report Qualifiers and Acronyms for Analytical Tables
University Street: Forrest Hill Avenue to War Memorial Drive
Peoria, Peoria County, Illinois

Report Qualifiers and Acronyms:

J = Result is less than the reporting limit, but greater than or equal to the method detection limit. The concentration is an approximate value.

B = Compound was detected in the Method Blank and sample.

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

ft = Feet

SPLP = Synthetic Precipitation Leaching Procedure

TCLP = Toxicity Characteristic Leaching Procedure

ND = Not Detected at or above the laboratory reporting limit.

NT = Not Tested

NA = No applicable comparison value is listed for this compound.

MAC = Maximum Allowable Concentrations of Chemical Constituents In Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 Ill. Adm. Code 1100.Subpart F).

MSA = Metropolitan Statistical Area

m = As an alternative to the subject maximum allowable concentration value, compliance verification may be determined by comparing TCLP and/or SPLP results to the TACO Class I Soil Component of the Groundwater Ingestion Exposure Route objective (35 Ill. Admin. Code 742 Appendix A, Table A).

1 = Exceeds the most stringent MAC value.

2 = Exceeds the Outside a Populated Area MAC value.

3 = Exceeds the Populated Area in a Non-MSA County MAC value.

4 = Exceeds the Chicago Corporate Limits MAC value.

5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).

6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B). Where applicable, the Class I Standard has been substituted with the Achievable Detection Limit (ADL).

7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objective for Residential Properties. Where applicable, the Residential Standard has been substituted with the Achievable Detection Limit (ADL) or the applicable background value.

* = Exceeds the most stringent MAC value, but is below the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.

CCDD Eligible
not CCDD Eligible (greater than MSA MAC), but not non-special waste (below most stringent TACO Tier 1 Residential RO)
non-special waste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

Table 2

Exceedences of Acceptable Detection Limits for Soil Results

University Street: Forrest Hill Avenue to War Memorial Drive

Peoria, Peoria County, Illinois

Sample ID	Parameter	Units		MDL	Maximum Allowable Concentration	Class I	Matrix	Comment
53-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	0.141	0.0018		Soil	MAC cannot be met by Method 8270
53-B01	Pentachlorophenol	mg/kg	ND	0.843	0.02		Soil	MAC cannot be met by Method 8270
53-B01 DUP	N-Nitrosodi-n-propylamine	mg/kg	ND	0.14	0.0018		Soil	MAC cannot be met by Method 8270
53-B01 DUP	Pentachlorophenol	mg/kg	ND	0.843	0.02		Soil	MAC cannot be met by Method 8270
54-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	0.14	0.0018		Soil	MAC cannot be met by Method 8270
54-B01	Pentachlorophenol	mg/kg	ND	0.838	0.02		Soil	MAC cannot be met by Method 8270
54-B02	N-Nitrosodi-n-propylamine	mg/kg	ND	0.138	0.0018		Soil	MAC cannot be met by Method 8270
54-B02	Pentachlorophenol	mg/kg	ND	0.828	0.02		Soil	MAC cannot be met by Method 8270
62-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	0.137	0.0018		Soil	MAC cannot be met by Method 8270
62-B01	Pentachlorophenol	mg/kg	ND	0.823	0.02		Soil	MAC cannot be met by Method 8270
62-B02	N-Nitrosodi-n-propylamine	mg/kg	ND	0.116	0.0018		Soil	MAC cannot be met by Method 8270
62-B02	Pentachlorophenol	mg/kg	ND	0.697	0.02		Soil	MAC cannot be met by Method 8270
63-B01	2,4,6-Trichlorophenol	mg/kg	ND	0.72	0.66		Soil	1:5 Dilution due to matrix interference
63-B01	2,4-Dichlorophenol	mg/kg	ND	0.691	0.48		Soil	1:5 Dilution due to matrix interference
63-B01	2,4-Dinitrotoluene	mg/kg	ND	0.594	0.25		Soil	1:5 Dilution due to matrix interference
63-B01	2,6-Dinitrotoluene	mg/kg	ND	0.617	0.26		Soil	1:5 Dilution due to matrix interference
63-B01	Benzo(a)pyrene	mg/kg	ND	0.095	0.09		Soil	1:5 Dilution due to matrix interference
63-B01	Bis(2-chloroethyl)ether	mg/kg	ND	0.811	0.66		Soil	1:5 Dilution due to matrix interference
63-B01	Carbazole	mg/kg	ND	0.697	0.6		Soil	1:5 Dilution due to matrix interference
63-B01	Dibenzo(a,h)anthracene	mg/kg	ND	0.095	0.09		Soil	1:5 Dilution due to matrix interference
63-B01	Hexachlorobenzene	mg/kg	ND	0.954	0.4		Soil	1:5 Dilution due to matrix interference
63-B01	Hexachloroethane	mg/kg	ND	0.954	0.5		Soil	1:5 Dilution due to matrix interference
63-B01	Nitrobenzene	mg/kg	ND	0.714	0.26		Soil	1:5 Dilution due to matrix interference
63-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	0.629	0.0018		Soil	1:5 Dilution due to matrix interference
63-B01	Pentachlorophenol	mg/kg	ND	3.77	0.02		Soil	1:5 Dilution due to matrix interference
63-B02	Nitrobenzene	mg/kg	ND	0.293	0.26		Soil	1:2 Dilution due to matrix interference
63-B02	N-Nitrosodi-n-propylamine	mg/kg	ND	0.258	0.0018		Soil	1:2 Dilution due to matrix interference
63-B02	Pentachlorophenol	mg/kg	ND	1.55	0.02		Soil	1:2 Dilution due to matrix interference
64-B01	2,4,6-Trichlorophenol	mg/kg	ND	1.45	0.66		Soil	1:10 Dilution due to matrix interference
64-B01	2,4-Dichlorophenol	mg/kg	ND	1.39	0.48		Soil	1:10 Dilution due to matrix interference
64-B01	2,4-Dinitrotoluene	mg/kg	ND	1.19	0.25		Soil	1:10 Dilution due to matrix interference
64-B01	2,6-Dinitrotoluene	mg/kg	ND	1.24	0.26		Soil	1:10 Dilution due to matrix interference
64-B01	3,3´-Dichlorobenzidine	mg/kg	ND	2.3	1.3		Soil	1:10 Dilution due to matrix interference
64-B01	4-Chloroaniline	mg/kg	ND	1.39	0.7		Soil	1:10 Dilution due to matrix interference
64-B01	Benzo(a)pyrene	mg/kg	ND	0.192	0.09		Soil	1:10 Dilution due to matrix interference
64-B01	Bis(2-chloroethyl)ether	mg/kg	ND	1.63	0.66		Soil	1:10 Dilution due to matrix interference
64-B01	Carbazole	mg/kg	ND	1.4	0.6		Soil	1:10 Dilution due to matrix interference
64-B01	Dibenzo(a,h)anthracene	mg/kg	ND	0.192	0.09		Soil	1:10 Dilution due to matrix interference
64-B01	Hexachlorobenzene	mg/kg	ND	1.92	0.4		Soil	1:10 Dilution due to matrix interference
64-B01	Hexachlorocyclopentadiene	mg/kg	ND	1.17	1.1		Soil	1:10 Dilution due to matrix interference
64-B01	Hexachloroethane	mg/kg	ND	1.92	0.5		Soil	1:10 Dilution due to matrix interference
64-B01	Nitrobenzene	mg/kg	ND	1.43	0.26		Soil	1:10 Dilution due to matrix interference
64-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	1.26	0.0018		Soil	1:10 Dilution due to matrix interference

Table 2

Exceedences of Acceptable Detection Limits for Soil Results

University Street: Forrest Hill Avenue to War Memorial Drive

Peoria, Peoria County, Illinois

Sample ID	Parameter	Units		MDL	Maximum Allowable Concentration	Class I	Matrix	Comment
64-B01	N-Nitrosodiphenylamine	mg/kg	ND	1.06	1		Soil	1:10 Dilution due to matrix interference
64-B01	Pentachlorophenol	mg/kg	ND	7.57	0.02		Soil	1:10 Dilution due to matrix interference
64-B02	2,4,6-Trichlorophenol	mg/kg	ND	1.52	0.66		Soil	1:10 Dilution due to matrix interference
64-B02	2,4-Dichlorophenol	mg/kg	ND	1.46	0.48		Soil	1:10 Dilution due to matrix interference
64-B02	2,4-Dinitrotoluene	mg/kg	ND	1.26	0.25		Soil	1:10 Dilution due to matrix interference
64-B02	2,6-Dinitrotoluene	mg/kg	ND	1.31	0.26		Soil	1:10 Dilution due to matrix interference
64-B02	2-Chlorophenol	mg/kg	ND	1.54	1.5		Soil	1:10 Dilution due to matrix interference
64-B02	3,3'-Dichlorobenzidine	mg/kg	ND	2.42	1.3		Soil	1:10 Dilution due to matrix interference
64-B02	4-Chloroaniline	mg/kg	ND	1.46	0.7		Soil	1:10 Dilution due to matrix interference
64-B02	Bis(2-chloroethyl)ether	mg/kg	ND	1.72	0.66		Soil	1:10 Dilution due to matrix interference
64-B02	Carbazole	mg/kg	ND	1.48	0.6		Soil	1:10 Dilution due to matrix interference
64-B02	Dibenzo(a,h)anthracene	mg/kg	ND	0.202	0.09		Soil	1:10 Dilution due to matrix interference
64-B02	Hexachlorobenzene	mg/kg	ND	2.02	0.4		Soil	1:10 Dilution due to matrix interference
64-B02	Hexachlorocyclopentadiene	mg/kg	ND	1.23	1.1		Soil	1:10 Dilution due to matrix interference
64-B02	Hexachloroethane	mg/kg	ND	2.02	0.5		Soil	1:10 Dilution due to matrix interference
64-B02	Nitrobenzene	mg/kg	ND	1.51	0.26		Soil	1:10 Dilution due to matrix interference
64-B02	N-Nitrosodi-n-propylamine	mg/kg	ND	1.33	0.0018		Soil	1:10 Dilution due to matrix interference
64-B02	N-Nitrosodiphenylamine	mg/kg	ND	1.11	1		Soil	1:10 Dilution due to matrix interference
64-B02	Pentachlorophenol	mg/kg	ND	7.98	0.02		Soil	1:10 Dilution due to matrix interference
64-B03	N-Nitrosodi-n-propylamine	mg/kg	ND	0.136	0.0018		Soil	MAC cannot be met by Method 8270
64-B03	Pentachlorophenol	mg/kg	ND	0.813	0.02		Soil	MAC cannot be met by Method 8270
72-B01	N-Nitrosodi-n-propylamine	mg/kg	ND	0.141	0.0018		Soil	MAC cannot be met by Method 8270
72-B01	Pentachlorophenol	mg/kg	ND	0.845	0.02		Soil	MAC cannot be met by Method 8270
72-B02	1,4-Dichlorobenzene	mg/kg	ND	2.02	2		Soil	1:10 Dilution due to matrix interference
72-B02	2,4,6-Trichlorophenol	mg/kg	ND	1.6	0.66		Soil	1:10 Dilution due to matrix interference
72-B02	2,4-Dichlorophenol	mg/kg	ND	1.53	0.48		Soil	1:10 Dilution due to matrix interference
72-B02	2,4-Dinitrotoluene	mg/kg	ND	1.32	0.25		Soil	1:10 Dilution due to matrix interference
72-B02	2,6-Dinitrotoluene	mg/kg	ND	1.37	0.26		Soil	1:10 Dilution due to matrix interference
72-B02	2-Chlorophenol	mg/kg	ND	1.61	1.5		Soil	1:10 Dilution due to matrix interference
72-B02	3,3'-Dichlorobenzidine	mg/kg	ND	2.54	1.3		Soil	1:10 Dilution due to matrix interference
72-B02	4-Chloroaniline	mg/kg	ND	1.53	0.7		Soil	1:10 Dilution due to matrix interference
72-B02	Benzo(a)pyrene	mg/kg	ND	0.212	0.09		Soil	1:10 Dilution due to matrix interference
72-B02	Bis(2-chloroethyl)ether	mg/kg	ND	1.8	0.66		Soil	1:10 Dilution due to matrix interference
72-B02	Carbazole	mg/kg	ND	1.55	0.6		Soil	1:10 Dilution due to matrix interference
72-B02	Dibenzo(a,h)anthracene	mg/kg	ND	0.212	0.09		Soil	1:10 Dilution due to matrix interference
72-B02	Hexachlorobenzene	mg/kg	ND	2.12	0.4		Soil	1:10 Dilution due to matrix interference
72-B02	Hexachlorocyclopentadiene	mg/kg	ND	1.29	1.1		Soil	1:10 Dilution due to matrix interference
72-B02	Hexachloroethane	mg/kg	ND	2.12	0.5		Soil	1:10 Dilution due to matrix interference
72-B02	Nitrobenzene	mg/kg	ND	1.58	0.26		Soil	1:10 Dilution due to matrix interference
72-B02	N-Nitrosodi-n-propylamine	mg/kg	ND	1.39	0.0018		Soil	1:10 Dilution due to matrix interference
72-B02	N-Nitrosodiphenylamine	mg/kg	ND	1.17	1		Soil	1:10 Dilution due to matrix interference
72-B02	Pentachlorophenol	mg/kg	ND	8.37	0.02		Soil	1:10 Dilution due to matrix interference

Table 3a
Soil Analytical Results
Site 53
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	**6.24**		6.94								
Matrix	Soil		Soil								
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**J 0.023**		**J 0.029**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.069**		**0.094**		25	NA	NA	NA	NA	NA	25
Benzene	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	ND		ND		13	NA	NA	NA	NA	NA	13
Methylene chloride	**J 0.001**		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	ND		ND		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	ND		ND		5.6	NA	NA	NA	NA	NA	150

Table 3a
Soil Analytical Results
Site 53
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	**6.24**		6.94								
Matrix	Soil		Soil								
Semivolatile Organic Compounds (mg/kg)											
1,2,4-Trichlorobenzene	ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		17	NA	NA	NA	NA	NA	17
1,4-Dichlorobenzene	ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		0.25	NA	NA	NA	NA	NA	0.25
2,6-Dinitrotoluene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3´-Dichlorobenzidine	ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		ND		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		NA	NA	NA	NA	NA	NA	3

Table 3a
Soil Analytical Results
Site 53
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	**6.24**		6.94								
Matrix	Soil		Soil								
Diethyl phthalate	ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		ND		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Inorganic Compounds, Total (mg/kg)											
Antimony	ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	**13.1**	**1,3,5,7**	**14.5**	**1,3,5,7**	11.3	NA	11.3	NA	13	NA	13
Barium	**304**		**210**		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	**0.91**		**1.04**		22	NA	NA	NA	NA	NA	160
Boron	**5.42**		**7.71**		40	NA	NA	NA	NA	NA	16,000
Cadmium	ND		ND		5.2	NA	NA	NA	NA	NA	78
Chromium	[illegible]	[illegible]	[illegible]	[illegible]	21	NA	NA	NA	NA	NA	230
Cobalt	**8.81**		**9.92**		20	NA	NA	NA	NA	NA	4,700
Copper	**23.4**		**23.4**		2,900	NA	NA	NA	NA	NA	2,900
Iron	[illegible]	[illegible]	[illegible]	[illegible]	15,000	NA	15,000	NA	15,900	NA	NA
Lead	**14.4**		**15.4**		107	NA	NA	NA	NA	NA	400
Magnesium	**3740**		**7300**		325,000	NA	NA	NA	NA	NA	325,000
Manganese	**477**		**517**		630	NA	630	NA	636	NA	1,600
Mercury	**0.018**		**0.018**		0.89	NA	NA	NA	NA	NA	10
Nickel	**24.3**		**25.9**		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		ND		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	**39.8**		**45.1**		550	NA	NA	NA	NA	NA	550
Zinc	**B 67.8**		**B 69.5**		5,100	NA	NA	NA	NA	NA	23,000

Table 3a
Soil Analytical Results
Site 53
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	**6.24**		6.94								
Matrix	Soil		Soil								
SPLP Metals (mg/L)											
Antimony	ND		ND		m	NA	NA	NA	NA	0.006	NA
Barium	**0.0095**		**0.0177**		m	NA	NA	NA	NA	2	NA
Beryllium	ND		ND		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	ND		ND		m	NA	NA	NA	NA	0.1	NA
Cobalt	ND		ND		m	NA	NA	NA	NA	1	NA
Iron	**1.95**		**3.58**		m	NA	NA	NA	NA	5	NA
Lead	ND		ND		m	NA	NA	NA	NA	0.0075	NA
Manganese	**0.0091**		**0.0153**		m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	ND		**J 0.0039**		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	**J 0.0003**		**J 0.0003**		m	NA	NA	NA	NA	0.002	NA
Zinc	**J 0.0079**		**0.0134**		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)											
Antimony	NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		m	NA	NA	NA	NA	1	NA
Iron	NT		NT		m	NA	NA	NA	NA	5	NA
Lead	NT		NT		m	NA	NA	NA	NA	0.0075	NA
Manganese	NT		NT		m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		m	NA	NA	NA	NA	5	NA

Table 3b
Soil Analytical Results
Site 54
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		**9.22**								
Matrix	Soil		Soil								
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**J 0.024**		**J 0.03**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.091**		**0.082**		25	NA	NA	NA	NA	NA	25
Benzene	ND		**0.004**		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	ND		ND		13	NA	NA	NA	NA	NA	13
Methylene chloride	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	ND		**J 0.002**		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	ND		**J 0.002**		5.6	NA	NA	NA	NA	NA	150

Table 3b
Soil Analytical Results
Site 54
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		**9.22**								
Matrix	Soil		Soil								
Semivolatile Organic Compounds (mg/kg)											
1,2,4-Trichlorobenzene	ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		17	NA	NA	NA	NA	NA	17
1,4-Dichlorobenzene	ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		0.25	NA	NA	NA	NA	NA	0.25
2,6-Dinitrotoluene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3'-Dichlorobenzidine	ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		ND		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		NA	NA	NA	NA	NA	NA	3

Table 3b
Soil Analytical Results
Site 54
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		**9.22**								
Matrix	Soil		Soil								
Diethyl phthalate	ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		ND		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Inorganic Compounds, Total (mg/kg)											
Antimony	ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	**14.7**	1,3,5,7	**12.1**	1,3,*	11.3	NA	11.3	NA	13	NA	13
Barium	**202**		**175**		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	**1.1**		**0.88**		22	NA	NA	NA	NA	NA	160
Boron	**7.76**		**7.57**		40	NA	NA	NA	NA	NA	16,000
Cadmium	**J 0.12**		**J 0.1**		5.2	NA	NA	NA	NA	NA	78
Chromium	**25.6**	1,3	**22.6**	1,3	21	NA	NA	NA	NA	NA	230
Cobalt	**10.9**		**10**		20	NA	NA	NA	NA	NA	4,700
Copper	**25.6**		**21.7**		2,900	NA	NA	NA	NA	NA	2,900
Iron	**29700**	1,3,5	**26100**	1,3,5	15,000	NA	15,000	NA	15,900	NA	NA
Lead	**14.5**		**14.5**		107	NA	NA	NA	NA	NA	400
Magnesium	**4160**		**3810**		325,000	NA	NA	NA	NA	NA	325,000
Manganese	**702**	1,3,5	**710**	1,3,5,*	630	NA	630	NA	636	NA	1,600
Mercury	**0.037**		**0.033**		0.89	NA	NA	NA	NA	NA	10
Nickel	**32**		**28.6**		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		ND		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	**46.3**		**40.6**		550	NA	NA	NA	NA	NA	550
Zinc	**B 68.5**		**B 61.1**		5,100	NA	NA	NA	NA	NA	23,000

Table 3b
Soil Analytical Results
Site 54
Unoccupied Property
Peoria, Peoria County, Illinois

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		**9.22**								
Matrix	Soil		Soil								
SPLP Metals (mg/L)											
Antimony	**J 0.0005**		**0.0024**		m	NA	NA	NA	NA	0.006	NA
Barium	**0.149**		**0.0101**		m	NA	NA	NA	NA	2	NA
Beryllium	**J 0.0009**		ND		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	**0.0223**		ND		m	NA	NA	NA	NA	0.1	NA
Cobalt	**J 0.0061**		ND		m	NA	NA	NA	NA	1	NA
Iron	**24.4**	6	**1.22**		m	NA	NA	NA	NA	5	NA
Lead	**0.0087**	6	ND		m	NA	NA	NA	NA	0.0075	NA
Manganese	**0.392**	6	**0.018**		m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	**0.0234**		ND		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	**J 0.0005**		ND		m	NA	NA	NA	NA	0.002	NA
Zinc	**0.0595**		**J 0.0049**		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)											
Antimony	NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		m	NA	NA	NA	NA	1	NA
Iron	**2.39**		NT		m	NA	NA	NA	NA	5	NA
Lead	ND		NT		m	NA	NA	NA	NA	0.0075	NA
Manganese	**6.34**	6	NT		m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		m	NA	NA	NA	NA	5	NA

Table 3c
Soil Analytical Results
Site 62
Sun Loan & Khoury's Cuisine
Peoria, Peoria County, Illinois

Sample ID	62-B01		62-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.89		8.95								
Matrix	Soil		Soil								
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**J 0.037**		**0.048**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.076**		**0.091**		25	NA	NA	NA	NA	NA	25
Benzene	**0.001**		**0.003**		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	ND		**J 0.002**		13	NA	NA	NA	NA	NA	13
Methylene chloride	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	ND		**0.005**		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	**J 0.001**		**J 0.002**		5.6	NA	NA	NA	NA	NA	150

Table 3c
Soil Analytical Results
Site 62
Sun Loan & Khoury's Cuisine
Peoria, Peoria County, Illinois

Sample ID	62-B01		62-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.89		8.95								
Matrix	Soil		Soil								
Semivolatile Organic Compounds (mg/kg)											
1,2,4-Trichlorobenzene	ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		17	NA	NA	NA	NA	NA	17
1,4-Dichlorobenzene	ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		0.25	NA	NA	NA	NA	NA	0.25
2,6-Dinitrotoluene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3´-Dichlorobenzidine	ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		ND		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		NA	NA	NA	NA	NA	NA	3

Table 3c
Soil Analytical Results
Site 62
Sun Loan & Khoury's Cuisine
Peoria, Peoria County, Illinois

Sample ID	62-B01		62-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.89		8.95								
Matrix	Soil		Soil								
Diethyl phthalate	ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		ND		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Inorganic Compounds, Total (mg/kg)											
Antimony	ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	**5.05**		**8.42**		11.3	NA	11.3	NA	13	NA	13
Barium	**142**		**27**		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	**0.68**		**0.22**		22	NA	NA	NA	NA	NA	160
Boron	**3.45**		**3.74**		40	NA	NA	NA	NA	NA	16,000
Cadmium	**0.31**		**J 0.12**		5.2	NA	NA	NA	NA	NA	78
Chromium	**11.3**		**5.2**		21	NA	NA	NA	NA	NA	230
Cobalt	**10.3**		**3.21**		20	NA	NA	NA	NA	NA	4,700
Copper	**9.4**		**7.22**		2,900	NA	NA	NA	NA	NA	2,900
Iron	**10400**		**7180**		15,000	NA	15,000	NA	15,900	NA	NA
Lead	**19.6**		**15**		107	NA	NA	NA	NA	NA	400
Magnesium	**1680**		**9210**		325,000	NA	NA	NA	NA	NA	325,000
Manganese	**[illegible]**		**340**		630	NA	630	NA	636	NA	1,600
Mercury	**0.03**		**J 0.004**		0.89	NA	NA	NA	NA	NA	10
Nickel	**13.2**		**6.3**		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		ND		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	**27.1**		**10.3**		550	NA	NA	NA	NA	NA	550
Zinc	**B 40**		**B 27.3**		5,100	NA	NA	NA	NA	NA	23,000

Table 3c
Soil Analytical Results
Site 62
Sun Loan & Khoury's Cuisine
Peoria, Peoria County, Illinois

Sample ID	62-B01		62-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.89		8.95								
Matrix	Soil		Soil								
SPLP Metals (mg/L)											
Antimony	**0.0027**		**J 0.0004**		m	NA	NA	NA	NA	0.006	NA
Barium	**0.0474**		**0.0137**		m	NA	NA	NA	NA	2	NA
Beryllium	**J 0.0003**		ND		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	**J 0.0043**		ND		m	NA	NA	NA	NA	0.1	NA
Cobalt	**J 0.0031**		ND		m	NA	NA	NA	NA	1	NA
Iron	**3.46**		**2.49**		m	NA	NA	NA	NA	5	NA
Lead	**0.0073**		**0.0075**		m	NA	NA	NA	NA	0.0075	NA
Manganese	**0.0359**		**0.0588**		m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	**J 0.0047**		ND		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	**J 0.0003**		ND		m	NA	NA	NA	NA	0.002	NA
Zinc	**0.0176**		**0.0183**		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)											
Antimony	NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		m	NA	NA	NA	NA	1	NA
Iron	NT		NT		m	NA	NA	NA	NA	5	NA
Lead	NT		NT		m	NA	NA	NA	NA	0.0075	NA
Manganese	NT		NT		m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		m	NA	NA	NA	NA	5	NA

Table 3d
Soil Analytical Results
Site 63
Parking Lot
Peoria, Peoria County, Illinois

Sample ID	63-B01		63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	8.38		8.17								
Matrix	Soil		Soil								
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**0.056**		**J 0.036**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.106**		**0.109**		25	NA	NA	NA	NA	NA	25
Benzene	**0.003**		**J 0.001**		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	**J 0.003**		ND		13	NA	NA	NA	NA	NA	13
Methylene chloride	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	**0.006**		ND		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	**0.005**		ND		5.6	NA	NA	NA	NA	NA	150

Table 3d
Soil Analytical Results
Site 63
Parking Lot
Peoria, Peoria County, Illinois

Sample ID	63-B01		63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	8.38		8.17								
Matrix	Soil		Soil								
Semivolatile Organic Compounds (mg/kg)											
1,2,4-Trichlorobenzene	ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		17	NA	NA	NA	NA	NA	17
1,4-Dichlorobenzene	ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		0.25	NA	NA	NA	NA	NA	0.25
2,6-Dinitrotoluene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3'-Dichlorobenzidine	ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		**J 0.051**		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		NA	NA	NA	NA	NA	NA	3

Table 3d
Soil Analytical Results
Site 63
Parking Lot
Peoria, Peoria County, Illinois

Sample ID	63-B01		63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	8.38		8.17								
Matrix	Soil		Soil								
Diethyl phthalate	ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		**J 0.04**		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Inorganic Compounds, Total (mg/kg)											
Antimony	ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	**6.91**		**11.9**	**1,3,***	11.3	NA	11.3	NA	13	NA	13
Barium	**64.8**		**183**		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	**0.52**		**0.81**		22	NA	NA	NA	NA	NA	160
Boron	**6.71**		**8.63**		40	NA	NA	NA	NA	NA	16,000
Cadmium	**J 0.15**		**J 0.18**		5.2	NA	NA	NA	NA	NA	78
Chromium	[illegible]		**26.7**	**1,***	21	NA	NA	NA	NA	NA	230
Cobalt	**6.68**		**12.2**		20	NA	NA	NA	NA	NA	4,700
Copper	**14.4**		**19.6**		2,900	NA	NA	NA	NA	NA	2,900
Iron	[illegible]	[illegible]	**26000**	**1,3,5**	15,000	NA	15,000	NA	15,900	NA	NA
Lead	**19.6**		**18.6**		107	NA	NA	NA	NA	NA	400
Magnesium	**11200**		**5600**		325,000	NA	NA	NA	NA	NA	325,000
Manganese	[illegible]	[illegible]	**1850**	**1,3,5,7**	630	NA	630	NA	636	NA	1,600
Mercury	**0.012**		**0.027**		0.89	NA	NA	NA	NA	NA	10
Nickel	**15.2**		**19.9**		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		**J 0.45**		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	**38.2**		**42.3**		550	NA	NA	NA	NA	NA	550
Zinc	**B 62.3**		**B 65**		5,100	NA	NA	NA	NA	NA	23,000

Table 3d
Soil Analytical Results
Site 63
Parking Lot
Peoria, Peoria County, Illinois

Sample ID	63-B01		63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	8.38		8.17								
Matrix	Soil		Soil								
SPLP Metals (mg/L)											
Antimony	**J 0.0003**		**J 0.0003**		m	NA	NA	NA	NA	0.006	NA
Barium	**0.0119**		**0.0223**		m	NA	NA	NA	NA	2	NA
Beryllium	ND		ND		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	**J 0.0057**		**J 0.0061**		m	NA	NA	NA	NA	0.1	NA
Cobalt	ND		ND		m	NA	NA	NA	NA	1	NA
Iron	**2.03**		**4.24**		m	NA	NA	NA	NA	5	NA
Lead	ND		ND		m	NA	NA	NA	NA	0.0075	NA
Manganese	**0.0183**		**0.015**		m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	ND		ND		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	ND		ND		m	NA	NA	NA	NA	0.002	NA
Zinc	**J 0.0084**		**0.0141**		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)											
Antimony	NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		m	NA	NA	NA	NA	1	NA
Iron	NT		NT		m	NA	NA	NA	NA	5	NA
Lead	NT		NT		m	NA	NA	NA	NA	0.0075	NA
Manganese	NT		NT		m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		m	NA	NA	NA	NA	5	NA

Table 3e
Soil Analytical Results
Site 64
ALDI's Grocery Store
Peoria, Peoria County, Illinois

Sample ID	64-B01		64-B02		64-B03		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-2		0-4								
Sample Date	2/18/2015		2/18/2015		2/18/2015								
PID	0		0		0								
Sample pH	8.75		8.43		7.72								
Matrix	Soil		Soil		Soil								
Volatile Organic Compounds (mg/kg)													
1,1,1-Trichloroethane	ND		ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**J 0.039**		**J 0.03**		**J 0.032**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.089**		**0.121**		**0.125**		25	NA	NA	NA	NA	NA	25
Benzene	**0.003**		ND		ND		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	**J 0.003**		ND		ND		13	NA	NA	NA	NA	NA	13
Methylene chloride	**J 0.001**		ND		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	**0.007**		ND		ND		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	**0.006**		ND		ND		5.6	NA	NA	NA	NA	NA	150
Semivolatile Organic Compounds (mg/kg)													
1,2,4-Trichlorobenzene	ND		ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		ND		17	NA	NA	NA	NA	NA	17
1,3-Dichlorobenzene	NT		NT		NT		NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND		ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		ND		0.25	NA	NA	NA	NA	NA	0.25

Table 3e
Soil Analytical Results
Site 64
ALDI's Grocery Store
Peoria, Peoria County, Illinois

Sample ID	64-B01		64-B02		64-B03		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-2		0-4								
Sample Date	2/18/2015		2/18/2015		2/18/2015								
PID	0		0		0								
Sample pH	8.75		8.43		7.72								
Matrix	Soil		Soil		Soil								
2,6-Dinitrotoluene	ND		ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3'-Dichlorobenzidine	ND		ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		0.55		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		0.509	1.2*	ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		0.66		ND		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		J 0.338		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		J 0.276		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		0.558		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		ND		NA	NA	NA	NA	NA	NA	3
Diethyl phthalate	ND		ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		0.92		ND		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		J 0.311		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		J 0.326		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		0.746		ND		2,300	NA	NA	NA	NA	NA	2,300

Table 3e
Soil Analytical Results
Site 64
ALDI's Grocery Store
Peoria, Peoria County, Illinois

Sample ID	64-B01		64-B02		64-B03		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-2		0-4								
Sample Date	2/18/2015		2/18/2015		2/18/2015								
PID	0		0		0								
Sample pH	8.75		8.43		7.72								
Matrix	Soil		Soil		Soil								
Inorganic Compounds, Total (mg/kg)													
Antimony	ND		ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	8		7.01		10.5		11.3	NA	11.3	NA	13	NA	13
Barium	88.9		129		151		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	0.54		0.54		0.78		22	NA	NA	NA	NA	NA	160
Boron	6.52		6.72		4.37		40	NA	NA	NA	NA	NA	16,000
Cadmium	0.29		0.31		ND		5.2	NA	NA	NA	NA	NA	78
Chromium	14.1		[illegible]		15.9		21	NA	NA	NA	NA	NA	230
Cobalt	6.99		5.48		11.5		20	NA	NA	NA	NA	NA	4,700
Copper	13.7		15.1		10.1		2,900	NA	NA	NA	NA	NA	2,900
Iron	[illegible]		[illegible]		[illegible]		15,000	NA	15,000	NA	15,900	NA	NA
Lead	14.7		72		15		107	NA	NA	NA	NA	NA	400
Magnesium	15300		13800		2290		325,000	NA	NA	NA	NA	NA	325,000
Manganese	565		446		[illegible]		630	NA	630	NA	636	NA	1,600
Mercury	0.028		0.033		0.017		0.89	NA	NA	NA	NA	NA	10
Nickel	17		14.6		9.82		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		ND		ND		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	26.5		22.9		36.2		550	NA	NA	NA	NA	NA	550
Zinc	B 48.5		B 65.8		B 38.5		5,100	NA	NA	NA	NA	NA	23,000
SPLP Metals (mg/L)													
Antimony	J 0.0004		ND		ND		m	NA	NA	NA	NA	0.006	NA
Barium	0.0361		0.0187		0.0725		m	NA	NA	NA	NA	2	NA
Beryllium	J 0.0003		ND		J 0.0004		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	J 0.0073		ND		0.0114		m	NA	NA	NA	NA	0.1	NA
Cobalt	ND		ND		ND		m	NA	NA	NA	NA	1	NA
Iron	7.82	6	2.5		9.81	6	m	NA	NA	NA	NA	5	NA
Lead	0.0101	6	0.0072		ND		m	NA	NA	NA	NA	0.0075	NA
Manganese	0.0616		0.0306		0.0597		m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	J 0.0051		ND		J 0.0047		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	ND		ND		J 0.0003		m	NA	NA	NA	NA	0.002	NA
Zinc	0.0307		0.0135		0.0295		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)													
Antimony	NT		NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		NT		m	NA	NA	NA	NA	1	NA
Iron	0.0364		NT		1.61		m	NA	NA	NA	NA	5	NA
Lead	ND		NT		NT		m	NA	NA	NA	NA	0.0075	NA
Manganese	NT		NT		NT		m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		NT		m	NA	NA	NA	NA	5	NA

Table 3f
Soil Analytical Results
Site 72
McDonald's
Peoria, Peoria County, Illinois

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	ND		ND		2	NA	NA	NA	NA	NA	2
1,1,2,2-Tetrachloroethane	ND		ND		NA	NA	NA	NA	NA	NA	0.0035
1,1,2-Trichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,1-Dichloroethane	ND		ND		23	NA	NA	NA	NA	NA	23
1,1-Dichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
1,2-Dichloroethane	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
1,2-Dichloropropane	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
1,3-Dichloropropene	ND		ND		0.005	NA	NA	NA	NA	NA	0.005
2-Butanone (MEK)	**J 0.032**		**J 0.026**		17	NA	NA	NA	NA	NA	17
2-Hexanone (MBK)	ND		ND		NA	NA	NA	NA	NA	NA	0.16
4-Methyl-2-pentanone (MIBK)	ND		ND		NA	NA	NA	NA	NA	NA	2.5
Acetone	**0.102**		**0.069**		25	NA	NA	NA	NA	NA	25
Benzene	ND		ND		0.03	NA	NA	NA	NA	NA	0.03
Bromodichloromethane	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Bromoform	ND		ND		0.8	NA	NA	NA	NA	NA	0.8
Bromomethane	ND		ND		0.2	NA	NA	NA	NA	NA	0.2
Carbon disulfide	ND		ND		9	NA	NA	NA	NA	NA	32
Carbon Tetrachloride	ND		ND		0.07	NA	NA	NA	NA	NA	0.07
Chlorobenzene	ND		ND		1	NA	NA	NA	NA	NA	1
Chloroethane	ND		ND		NA	NA	NA	NA	NA	NA	1,500
Chloroform	ND		ND		0.3	NA	NA	NA	NA	NA	0.3
Chloromethane	ND		ND		NA	NA	NA	NA	NA	NA	110
cis-1,2-Dichloroethene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
cis-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Ethylbenzene	ND		ND		13	NA	NA	NA	NA	NA	13
Methylene chloride	ND		ND		0.02	NA	NA	NA	NA	NA	0.02
Methyl-tert-butyl-ether (MTBE)	ND		ND		0.32	NA	NA	NA	NA	NA	0.32
Styrene	ND		ND		4	NA	NA	NA	NA	NA	4
Tetrachloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Toluene	ND		ND		12	NA	NA	NA	NA	NA	12
trans-1,2-Dichloroethene	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
trans-1,3-Dichloropropene	ND		ND		NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ND		ND		0.06	NA	NA	NA	NA	NA	0.06
Vinyl Acetate	ND		ND		10	NA	NA	NA	NA	NA	170
Vinyl Chloride	ND		ND		0.01	NA	NA	NA	NA	NA	0.01
Xylenes, total	ND		ND		5.6	NA	NA	NA	NA	NA	150

Table 3f
Soil Analytical Results
Site 72
McDonald's
Peoria, Peoria County, Illinois

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
Semivolatile Organic Compounds (mg/kg)											
1,2,4-Trichlorobenzene	ND		ND		5	NA	NA	NA	NA	NA	5
1,2-Dichlorobenzene	ND		ND		17	NA	NA	NA	NA	NA	17
1,4-Dichlorobenzene	ND		ND		2	NA	NA	NA	NA	NA	2
2,4,5-Trichlorophenol	ND		ND		26	NA	NA	NA	NA	NA	270
2,4,6-Trichlorophenol	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
2,4-Dichlorophenol	ND		ND		0.48	NA	NA	NA	NA	NA	1
2,4-Dimethylphenol	ND		ND		9	NA	NA	NA	NA	NA	9
2,4-Dinitrophenol	ND		ND		3.3	NA	NA	NA	NA	NA	3.3
2,4-Dinitrotoluene	ND		ND		0.25	NA	NA	NA	NA	NA	0.25
2,6-Dinitrotoluene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
2-Chloronaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	49
2-Chlorophenol	ND		ND		1.5	NA	NA	NA	NA	NA	4
2-Methylnaphthalene	ND		ND		NA	NA	NA	NA	NA	NA	1.9
2-Methylphenol	ND		ND		15	NA	NA	NA	NA	NA	15
2-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.7
3,3'-Dichlorobenzidine	ND		ND		1.3	NA	NA	NA	NA	NA	1.3
4,6-Dinitro-2-methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	6.3
4-Chloroaniline	ND		ND		0.7	NA	NA	NA	NA	NA	0.7
4-Methylphenol	ND		ND		NA	NA	NA	NA	NA	NA	3.9
4-Nitroaniline	ND		ND		NA	NA	NA	NA	NA	NA	0.14
4-Nitrophenol	ND		ND		NA	NA	NA	NA	NA	NA	630
Acenaphthene	ND		ND		570	NA	NA	NA	NA	NA	570
Acenaphthylene	ND		ND		85	NA	NA	NA	NA	NA	85
Anthracene	ND		ND		12,000	NA	NA	NA	NA	NA	12,000
Benzo(a)anthracene	ND		ND		0.9	0.9	0.9	1.1	1.8	NA	1.8
Benzo(a)pyrene	ND		ND		0.09	0.09	0.98	1.3	2.1	NA	2.1
Benzo(b)fluoranthene	ND		ND		0.9	0.9	0.9	1.5	2.1	NA	2.1
Benzo(g,h,i)perylene	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Benzo(k)fluoranthene	ND		ND		9	NA	NA	NA	NA	NA	9
Bis(2-chloroethyl)ether	ND		ND		0.66	NA	NA	NA	NA	NA	0.66
bis(2-chloroisopropyl)ether	ND		ND		NA	NA	NA	NA	NA	NA	2.4
Bis(2-ethylhexyl)phthalate	ND		ND		46	NA	NA	NA	NA	NA	46
Butyl benzyl phthalate	ND		ND		930	NA	NA	NA	NA	NA	930
Carbazole	ND		ND		0.6	NA	NA	NA	NA	NA	0.6
Chrysene	ND		ND		88	NA	NA	NA	NA	NA	88
Dibenzo(a,h)anthracene	ND		ND		0.09	0.09	0.15	0.2	0.42	NA	0.42
Dibenzofuran	ND		ND		NA	NA	NA	NA	NA	NA	3

Table 3f
Soil Analytical Results
Site 72
McDonald's
Peoria, Peoria County, Illinois

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
Diethyl phthalate	ND		ND		470	NA	NA	NA	NA	NA	470
Dimethyl phthalate	ND		ND		NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	ND		ND		2,300	NA	NA	NA	NA	NA	2,300
Di-n-octyl phthalate	ND		ND		1,600	NA	NA	NA	NA	NA	1,600
Fluoranthene	ND		**J 0.27**		3,100	NA	NA	NA	NA	NA	3,100
Fluorene	ND		ND		560	NA	NA	NA	NA	NA	560
Hexachlorobenzene	ND		ND		0.4	NA	NA	NA	NA	NA	0.4
Hexachlorobutadiene	ND		ND		NA	NA	NA	NA	NA	NA	2.2
Hexachlorocyclopentadiene	ND		ND		1.1	NA	NA	NA	NA	NA	10
Hexachloroethane	ND		ND		0.5	NA	NA	NA	NA	NA	0.5
Indeno(1,2,3-cd)pyrene	ND		ND		0.9	0.9	0.9	0.9	1.6	NA	1.6
Isophorone	ND		ND		8	NA	NA	NA	NA	NA	8
Naphthalene	ND		ND		1.8	NA	NA	NA	NA	NA	12
Nitrobenzene	ND		ND		0.26	NA	NA	NA	NA	NA	0.26
N-Nitrosodi-n-propylamine	ND		ND		0.0018	NA	NA	NA	NA	NA	0.0018
N-Nitrosodiphenylamine	ND		ND		1	NA	NA	NA	NA	NA	1
Pentachlorophenol	ND		ND		0.02	NA	NA	NA	NA	NA	0.03
Phenanthrene	ND		ND		210	NA	NA	NA	NA	NA	210
Phenol	ND		ND		100	NA	NA	NA	NA	NA	100
Pyrene	ND		**J 0.219**		2,300	NA	NA	NA	NA	NA	2,300
Inorganic Compounds, Total (mg/kg)											
Antimony	ND		ND		5	NA	NA	NA	NA	NA	31
Arsenic	**13**	1,3,*	**14.9**	1,3,5,7	11.3	NA	11.3	NA	13	NA	13
Barium	**177**		**215**		1,500	NA	NA	NA	NA	NA	5,500
Beryllium	**1.03**		**1.12**		22	NA	NA	NA	NA	NA	160
Boron	**7.65**		**11.6**		40	NA	NA	NA	NA	NA	16,000
Cadmium	ND		**J 0.13**		5.2	NA	NA	NA	NA	NA	78
Chromium	**25**	1,*	**26.1**	1,*	21	NA	NA	NA	NA	NA	230
Cobalt	**10.5**		**8.8**		20	NA	NA	NA	NA	NA	4,700
Copper	**25.1**		**26**		2,900	NA	NA	NA	NA	NA	2,900
Iron	**28600**	1,3,5,*	**29500**	1,3,5	15,000	NA	15,000	NA	15,900	NA	NA
Lead	**14**		**19.6**		107	NA	NA	NA	NA	NA	400
Magnesium	**4070**		**4250**		325,000	NA	NA	NA	NA	NA	325,000
Manganese	**570**		**465**		630	NA	630	NA	636	NA	1,600
Mercury	**0.029**		**0.05**		0.89	NA	NA	NA	NA	NA	10
Nickel	**28.5**		**28.1**		100	NA	NA	NA	NA	NA	1,600
Selenium	ND		ND		1.3	NA	NA	NA	NA	NA	390
Silver	ND		ND		4.4	NA	NA	NA	NA	NA	390
Thallium	ND		ND		2.6	NA	NA	NA	NA	NA	6.3
Vanadium	**46.6**		**46.9**		550	NA	NA	NA	NA	NA	550
Zinc	**B 69**		**B 71.7**		5,100	NA	NA	NA	NA	NA	23,000

Table 3f
Soil Analytical Results
Site 72
McDonald's
Peoria, Peoria County, Illinois

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
SPLP Metals (mg/L)											
Antimony	ND		**J 0.0007**		m	NA	NA	NA	NA	0.006	NA
Barium	**0.0163**		**0.09**		m	NA	NA	NA	NA	2	NA
Beryllium	ND		**J 0.0007**		m	NA	NA	NA	NA	0.004	NA
Boron	ND		ND		m	NA	NA	NA	NA	2	NA
Cadmium	ND		ND		m	NA	NA	NA	NA	0.005	NA
Chromium	ND		**0.0171**		m	NA	NA	NA	NA	0.1	NA
Cobalt	ND		**J 0.005**		m	NA	NA	NA	NA	1	NA
Iron	**3.13**		**17.7**	6	m	NA	NA	NA	NA	5	NA
Lead	ND		**0.0133**	6	m	NA	NA	NA	NA	0.0075	NA
Manganese	**0.0116**		**0.23**	6	m	NA	NA	NA	NA	0.15	NA
Mercury	ND		ND		m	NA	NA	NA	NA	0.002	NA
Nickel	ND		**0.0178**		m	NA	NA	NA	NA	0.1	NA
Selenium	ND		ND		m	NA	NA	NA	NA	0.05	NA
Silver	ND		ND		m	NA	NA	NA	NA	0.05	NA
Thallium	ND		**J 0.0003**		m	NA	NA	NA	NA	0.002	NA
Zinc	**J 0.0098**		**0.0473**		m	NA	NA	NA	NA	5	NA
TCLP Metals (mg/L)											
Antimony	NT		NT		m	NA	NA	NA	NA	0.006	NA
Barium	NT		NT		m	NA	NA	NA	NA	2	NA
Beryllium	NT		NT		m	NA	NA	NA	NA	0.004	NA
Boron	NT		NT		m	NA	NA	NA	NA	2	NA
Cadmium	NT		NT		m	NA	NA	NA	NA	0.005	NA
Chromium	NT		NT		m	NA	NA	NA	NA	0.1	NA
Cobalt	NT		NT		m	NA	NA	NA	NA	1	NA
Iron	NT		**0.912**		m	NA	NA	NA	NA	5	NA
Lead	NT		ND		m	NA	NA	NA	NA	0.0075	NA
Manganese	NT		**6.43**	6	m	NA	NA	NA	NA	0.15	NA
Mercury	NT		NT		m	NA	NA	NA	NA	0.002	NA
Nickel	NT		NT		m	NA	NA	NA	NA	0.1	NA
Selenium	NT		NT		m	NA	NA	NA	NA	0.05	NA
Silver	NT		NT		m	NA	NA	NA	NA	0.05	NA
Thallium	NT		NT		m	NA	NA	NA	NA	0.002	NA
Zinc	NT		NT		m	NA	NA	NA	NA	5	NA

Table 4

Summary of Impacts and Contaminants of Concern

Peoria, Peoria County, Illinois

NOTES:

	CCDD Eligible
	not CCDD Eligible (greater than MSA MAC), but not non-special waste (below most stringent TACO Tier 1 Re
	non-special waste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

Site 53

Unoccupied Property

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	**6.24**		6.94								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	**13.1**	**1,3,5,7**	**14.5**	**1,3,5,7**	11.3	NA	11.3	NA	13	NA	13

Site 54

Unoccupied Property

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		**9.22**								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	**14.7**	**1,3,5,7**	**12.1**	**1,3,***	11.3	NA	11.3	NA	13	NA	13
Manganese	**702**	**1,3,5,7**	**718**		630	NA	630	NA	636	NA	1,600
SPLP Metals (mg/L)											
Manganese	**0.392**	**6**	**0.018**		m	NA	NA	NA	NA	0.15	NA
TCLP Metals (mg/L)											
Manganese	**6.34**	**6**	**NT**		m	NA	NA	NA	NA	0.15	NA

Site 62

Sun Loan & Khoury's Cuisine

Sample ID	62-B01	62-B02	[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4	0-4							
Sample Date	2/18/2015	2/18/2015							
PID	0	0							
Sample pH	7.89	8.95							
Matrix	Soil	Soil							
No Contaminants of Concern Noted.									

Table 4

Summary of Impacts and Contaminants of Concern

Peoria, Peoria County, Illinois

NOTES:

	CCDD Eligible
	not CCDD Eligible (greater than MSA MAC), but not non-special waste (below most stringent TACO Tier 1 Re
	non-special waste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

Site 63

Parking Lot

Sample ID	63-B01		63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-4								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	8.38		8.17								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	**6.91**		**11.9**	**1,3,***	11.3	NA	11.3	NA	13	NA	13

Site 64

ALDI's Grocery Store

Sample ID	64-B01		64-B02		64-B03		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4		0-2		0-4								
Sample Date	2/18/2015		2/18/2015		2/18/2015								
PID	0		0		0								
Sample pH	8.75		8.43		7.72								
Matrix	Soil		Soil		Soil								
Semivolatile Organic Compounds (mg/kg)													
Benzo(a)pyrene	ND		**0.509**	**1,2,***	ND		0.09	0.09	0.98	1.3	2.1	NA	2.1

Site 72

McDonald's

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	**13**	**1,3,***	**14.9**	**1,3,5,7**	11.3	NA	11.3	NA	13	NA	13

Table 5
Estimated Volumes of Impacted Soil
University Street: Forrest Hill Avenue to War Memorial Drive
Peoria, Peoria County, Illinois

Impacted Soil Sample	Contaminants of Concern	Applicable Screening Criteria Exceeded	Depth Interval of Impacted Soil Sample (feet bgs)	Estimated Surface Length of Impacted Soil (feet)	Estimated Surface Width of Impacted Soil (feet)	Estimated Vertical Extent of Impacted Soil (feet)	Estimated Volume of Impacted Soil (cubic yards)
Site 53, Unoccupied Property							
53-B01 & DUP	Arsenic	1,3,5,7	0-2	59	45	2	197
						Total Volume of Impacted Soil:	197
Site 54, Unoccupied Property							
54-B01	Arsenic, Manganese	1,3,5,6,7	0-2	88	45	2	293
54-B02	Arsenic	1,3,*	0-2	85	45	2	283
						Total Volume of Impacted Soil:	577
Site 63, Parking Lot							
63-B02	Arsenic	1,3,*	0-4	147	75	4	1,633
						Total Volume of Impacted Soil:	1,633
Site 64, ALDI's Grocery Store							
64-B02	Benzo(a)pyrene	1,2,*	0-2	119	55	2	485
						Total Volume of Impacted Soil:	485
Site 72, McDonald's							
72-B01	Arsenic	1,3,*	0-2	98	65	2	472
72-B02	Arsenic, Manganese	1,3,5,6,7	0-2	96	65	2	462
						Total Volume of Impacted Soil:	934

Applicable Screening Criteria

1 = Exceeds the most stringent MAC value.

2 = Exceeds the Outside a Populated Area MAC value.

3 = Exceeds the Populated Area in a Non-MSA County MAC value.

4 = Exceeds the Chicago Corporate Limits MAC value.

5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).

6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B). Where applicable, the Class I Standard has been substituted with the Achievable Detection Limit (ADL).

7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.

* = Exceeds the most stringent MAC value, but is below the TACO Tier 1 Soil Remediation Objectives for Residential Properties.

Table 6

Estimated Volumes of Impacted Construction Excavation Soil
University Street: Forrest Hill Avenue to War Memorial Drive
Peoria, Peoria County, Illinois

Impacted Soil Boring	Contaminants of Concern	Applicable Screening Criteria Exceeded	Impacted Stationing	Construction Excavation within Area of Impacted Soil	Estimated Vertical Extent of Impacted Construction Excavation Soil for Driveways, Sidewalk, and Curb/Gutter (feet)	Estimated Vertical Extent of Impacted Construction Excavation Soil for Storm Sewer Inlets (feet)	AutoCAD Calculated Area of Impacted Construction Excavation Soil for Driveways, Sidewalk, and Curb/Gutter (square feet)	AutoCAD Calculated Area of Impacted Construction Excavation Soil for Storm Sewer Inlets (square feet)	Estimated Volume of Impacted Construction Excavation Soil (cubic yards)	Off-site Management	
										Non-Special Waste	CCDD Eligible
Site 53, Unoccupied Property											
53-B01 & DUP	Arsenic	1,3,5,7	91+31 to 91+90, 0 to 45 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	825	0	31	x	
Site 54, Unoccupied Property											
54-B01	Arsenic, Manganese	1,3,5,6,7	91+90 to 92+78, 0 to 45 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	1255	0	46	x	
54-B02	Arsenic	1,3,*	92+78 to 93+63, 0 to 45 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	1118	0	41	x	
Site 63, Parking Lot											
63-B02	Arsenic	1,3,*	98+33 to 99+80, 0 to 75 feet LT	road resurfacing, sidewalk, driveway, curb/gutter, inlet	1	4	4219	84	166		x
Site 64, ALDI's Grocery Store											
64-B02	Benzo(a)pyrene	1,2,*	99+67 to 100+86, 0 to 55 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	1627	0	60		x
Site 72, McDonald's											
72-B01	Arsenic	1,3,*	107+57 to 108+55, 0 to 65 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	2423	0	90		x
72-B02	Arsenic, Manganese	1,3,5,6,7	108+55 to 109+51, 0 to 65 feet RT	road resurfacing, sidewalk, driveway, curb/gutter	1	0	2064	0	76	x	

Applicable Screening Criteria

1 = Exceeds the most stringent MAC value.

2 = Exceeds the Outside a Populated Area MAC value.

3 = Exceeds the Populated Area in a Non-MSA County MAC value.

4 = Exceeds the Chicago Corporate Limits MAC value.

5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).

6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B). Where applicable, the Class I Standard has been substituted with the Achievable Detection Limit (ADL).

7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.

* = Exceeds the most stringent MAC value, but is below the TACO Tier 1 Soil Remediation Objectives for Residential Properties.

7. FIGURES

Figure 1: **Project Location Map**
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 2: **Boring Location Map**
Sites 53 & 54
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 2A: **Contaminants of Concern**
Sites 53 & 54
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 3: **Boring Location Map**
Sites 62, 63 & 64
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

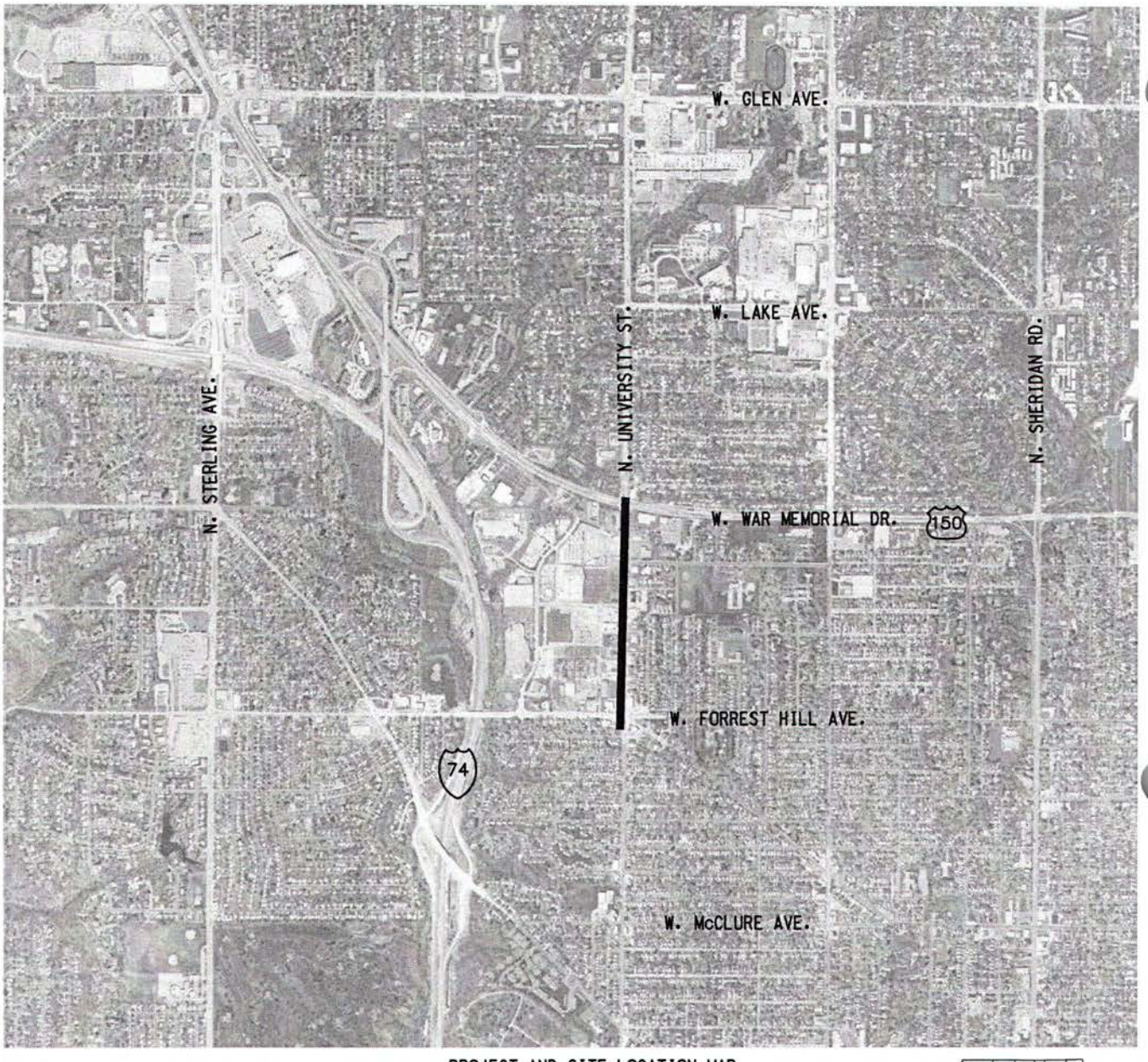
Figure 3A: **Contaminants of Concern**
Sites 63 & 64
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 4: **Boring Location Map**
Site 64
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 5: **Boring Location Map**
Site 72
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

Figure 5A: **Contaminants of Concern**
Site 72
FAU 6593 (University Street)
Peoria, Peoria County, Illinois

\\aeei1\transfer files\CMT2015 Peoria\Forrest Hill to War Memorial (North)\DWG\WORKPLAN\CMT2015 PLM.dwg Tab: FIGURE 1



PROJECT AND SITE LOCATION MAP
FAU 6593 (UNIVERSITY STREET)

NOTE:
2005 ILLINOIS NATIONAL AERIAL PHOTOGRAPHY PROGRAM (NAPP) DIGITAL ORTHOPHOTOGRAPHY QUARTER (DOQ) OF THE PEORIA EAST & WEST QUADRANGLES FROM ILLINOIS NATURAL RESOURCES GEOSPATIAL DATA CLEARINGHOUSE.

0 2000 4000

SCALE: IN FEET

N

4

PROJECT LOCATION

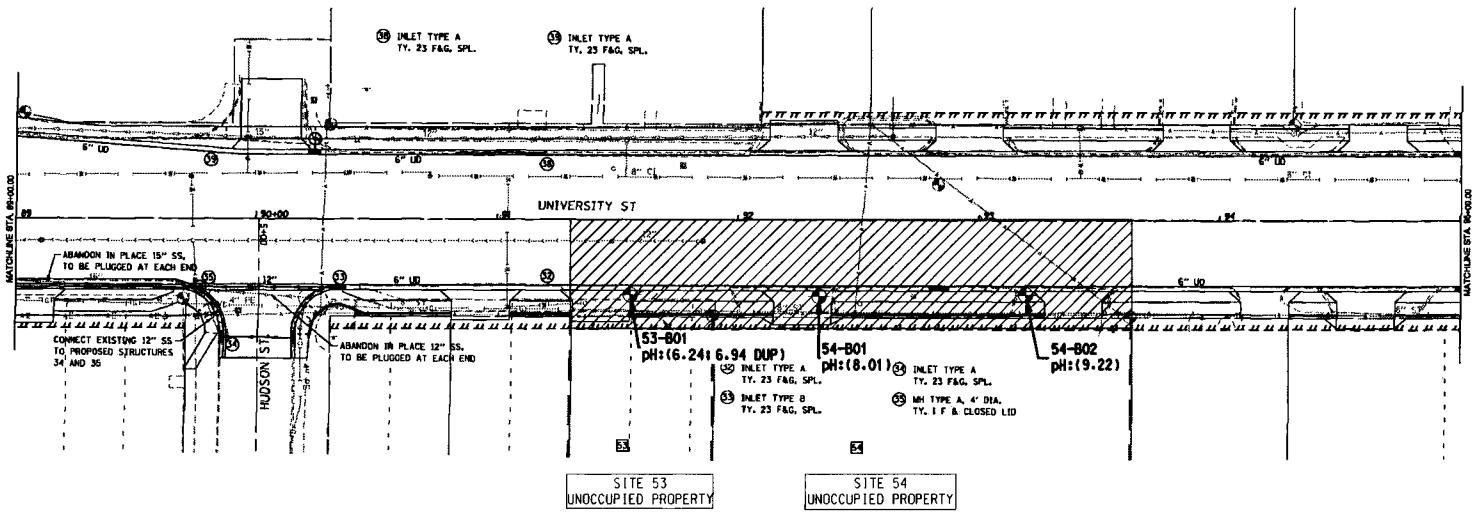
ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-9495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPN

PROJECT AND SITE LOCATION MAP

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER:
FIG. 1



LEGEND

- SITE LIMIT
- SOIL BORING LOCATION
- PROPOSED CONSTRUCTION EXCAVATION AREA WHERE CONTAMINANTS OF CONCERN IN SOIL EXCEED APPLICABLE MACS
- PROPOSED CONSTRUCTION EXCAVATION AREA WHERE CONTAMINANTS OF CONCERN IN SOIL EXCEED THE MOST STRINGENT MACS BUT ARE BELOW LOCATION SPECIFIC MACS FOR A METROPOLITAN STATISTICAL AREA OR WHERE SOIL EXCEEDS THE TIER 1 CONCENTRATION FOR THE SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE

NOTES

1. FIGURES SHOWN ARE SCANNED IMAGES TAKEN FROM DRAWINGS PROVIDED BY OTHERS WHICH MAY EFFECT SCALING.
2. ALL UTILITIES SHOWN ARE APPROXIMATE IN LOCATION. BORING LOCATIONS MUST BE VERIFIED AND THE UTILITIES FIELD STAKED BY UTILITY SEARCH IN ACCORDANCE WITH THE WORK PLAN.
3. CONTAMINANTS OF CONCERN TABLES SHOWN ON FIGURE 2A.

N

0 50 100

SCALE: IN FEET

REVISIONS

NO.	DATE	DESCRIPTION	BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-8495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPN

BORING LOCATION MAP

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITES 53 & 54
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015

PROJECT ID: 150167

SHEET NUMBER: FIG. 2

T:\CM\2015 Peoria\Forrest Hill to War Memorial (North)\PDF\DWG\CM2015 Report drawing.dwg Tab: FIGURE 2 Last Saved: April 2, 2015, by Thomas Pina Plotted: Thursday, April 02, 2015 1:36:28 PM

Site 53

Unoccupied Property

Sample ID	53-B01		53-B01 DUP		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	6.24		6.94								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	13.1	1,3,5,7	14.5	1,3,5,7	11.3	NA	11.3	NA	13	NA	13

Site 54

Unoccupied Property

Sample ID	54-B01		54-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/17/2015		2/17/2015								
PID	0		0								
Sample pH	8.01		9.22								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	14.7	1,3,5,7	12.1	1,3,*	11.3	NA	11.3	NA	13	NA	13
Manganese	702	1,3,5,7	718		630	NA	630	NA	636	NA	1,600
SPLP Metals (mg/L)											
Manganese	0.392	6	0.018		m	NA	NA	NA	NA	0.15	NA
TCLP Metals (mg/L)											
Manganese	6.34	6	NT		m	NA	NA	NA	NA	0.15	NA

NT = Not Tested
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
TCLP = Toxicity Characteristic Leaching Procedure
SPLP = Synthetic Precipitation Leaching Procedure
MAC = Maximum Allowable Concentrations of Chemical Constituents In Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 Ill. Adm. Code 1100.Subpart F).
MSA = Metropolitan Statistical Area
1 = Exceeds the most stringent MAC value.
2 = Exceeds the Outside a Populated Area MAC value.
3 = Exceeds the Populated Area in a Non-MSA County MAC value.
4 = Exceeds the Chicago Corporate Limits MAC value.
5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).
6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B).
7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.
***** = Exceeds the most stringent MAC value, but is below the TACO Tier 1 Soil Remediation Objectives for Residential Properties.

CCDD Eligible
not CCDD Eligible (greater than MSA MAC), but not non-special waste (below most stringent TACO Tier 1 Residential RO)
non-special waste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

REVISIONS
NO. | DATE | DESCRIPTION | BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-9495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

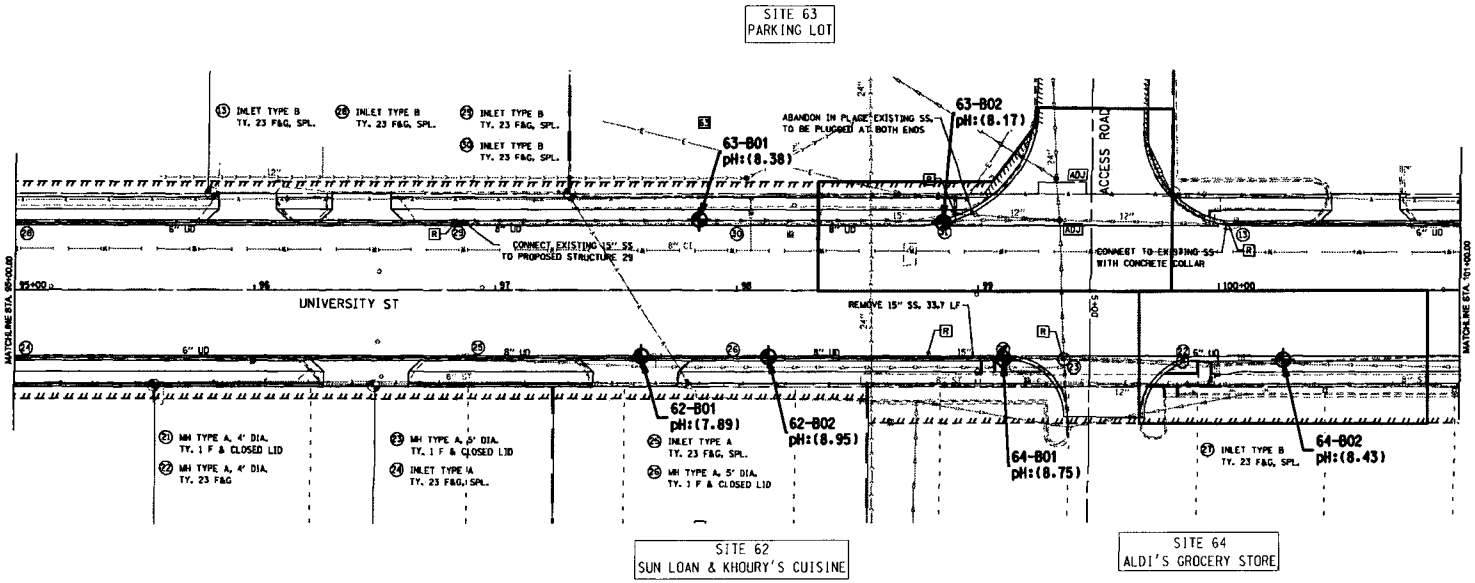
APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPH

CONTAMINANTS OF CONCERN

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITES 53 & 54
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER:

FIG. 2A



LEGEND

- SITE LIMIT
- SOIL BORING LOCATION
- PROPOSED CONSTRUCTION EXCAVATION AREA WHERE CONTAMINANTS OF CONCERN IN SOIL EXCEED THE MOST STRINGENT MACS BUT ARE BELOW LOCATION SPECIFIC MACS FOR A METROPOLITAN STATISTICAL AREA OR WHERE SOIL EXCEEDS THE TIER 1 CONCENTRATION FOR THE SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE

NOTES

1. FIGURES SHOWN ARE SCANNED IMAGES TAKEN FROM DRAWINGS PROVIDED BY OTHERS WHICH MAY EFFECT SCALING.
2. ALL UTILITIES SHOWN ARE APPROXIMATE IN LOCATION. BORING LOCATIONS MUST BE VERIFIED AND THE UTILITIES FIELD STAKED BY UTILITY SEARCH IN ACCORDANCE WITH THE WORK PLAN.
3. CONTAMINANTS OF CONCERN TABLES SHOWN ON FIGURE 3A.

N

0 50 100

SCALE: IN FEET

REVISIONS

NO.	DATE	DESCRIPTION	BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-9495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPN

BORING LOCATION MAP

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITES 62, 63 & 64
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015

PROJECT ID: 150167

SHEET NUMBER: FIG. 3

T:\CM\2015 Peoria\Forrest Hill to War Memorial (North)\PDF\DWG\CM2015 Report drawing.dwg Tab: FIGURE 3 Last Saved: April 2, 2015, by Thomas Pina Plotted: Thursday, April 02, 2015 11:35:38 AM

Site 63
Parking Lot

Sample ID	63-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-4								
Sample Date	2/18/2015								
PID	0								
Sample pH	8.17								
Matrix	Soil								
Inorganic Compounds, Total (mg/kg)									
Arsenic	11.9	1,3,*	11.3	NA	11.3	NA	13	NA	13

Site 64
ALDI's Grocery Store

Sample ID	64-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2								
Sample Date	2/18/2015								
PID	0								
Sample pH	8.43								
Matrix	Soil								
Semivolatile Organic Compounds (mg/kg)									
Benzo(a)pyrene	0.509	1,2,*	0.09	0.09	0.98	1.3	2.1	NA	2.1

mg/kg = Milligrams per kilogram
MAC = Maximum Allowable Concentrations of Chemical Constituents In Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 Ill. Adm. Code 1100.Subpart F).
MSA = Metropolitan Statistical Area
1 = Exceeds the most stringent MAC value.
2 = Exceeds the Outside a Populated Area MAC value.
3 = Exceeds the Populated Area in a Non-MSA County MAC value.
4 = Exceeds the Chicago Corporate Limits MAC value.
5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).
6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B).
7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.
***** = Exceeds the most stringent MAC value, but is below the TACO Tier 1 Soil Remediation Objectives for Residential Properties.

CCDD Eligible
not CCDD Eligible (greater than MSA MAC), but not non-special w aste (below most stringent TACO Tier 1 Residential RO
non-special w aste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

REVISIONS
NO. | DATE | DESCRIPTION | BY

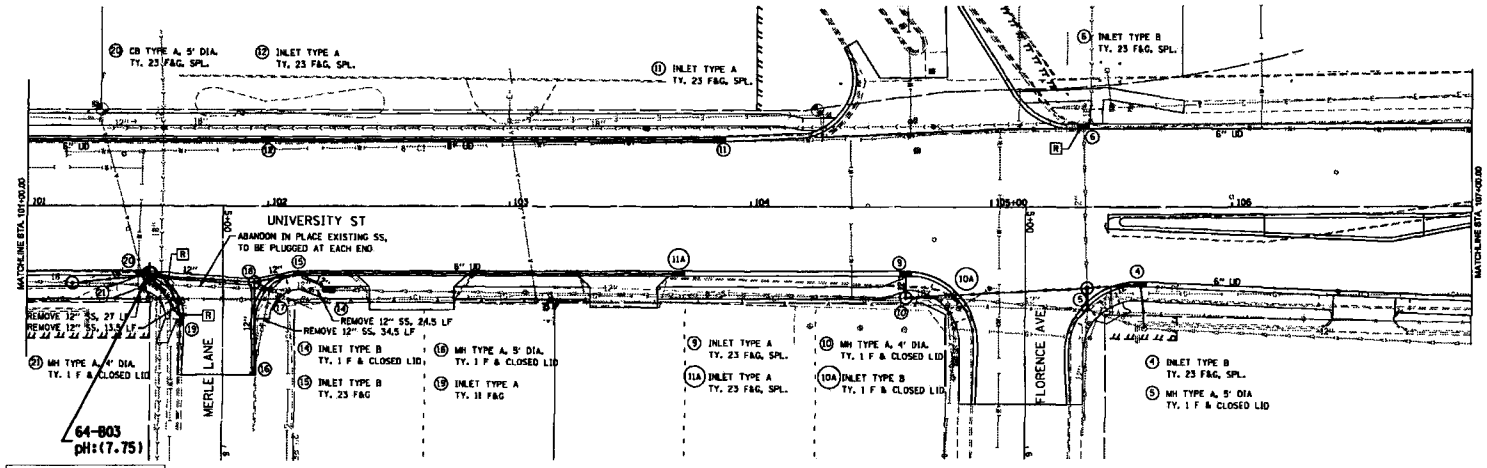
ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-9495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

APPROVED BY: CEF DESIGNED BY: CMT DRAWN BY: MPN

CONTAMINANTS OF CONCERN

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITES 63 & 64
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER:
FIG. 3A



LEGEND	
	SITE LIMIT
	SOIL BORING LOCATION

NOTES

1. FIGURES SHOWN ARE SCANNED IMAGES TAKEN FROM DRAWINGS PROVIDED BY OTHERS WHICH MAY EFFECT SCALING.
2. ALL UTILITIES SHOWN ARE APPROXIMATE IN LOCATION. BORING LOCATIONS MUST BE VERIFIED AND THE UTILITIES FIELD STAKED BY UTILITY SEARCH IN ACCORDANCE WITH THE WORK PLAN.
3. NO CONTAMINANTS OFCONCERN NOTED FOR SITE 64.

N

0 50 100

SCALE: IN FEET

REVISIONS

NO.	DATE	DESCRIPTION	BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-6495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

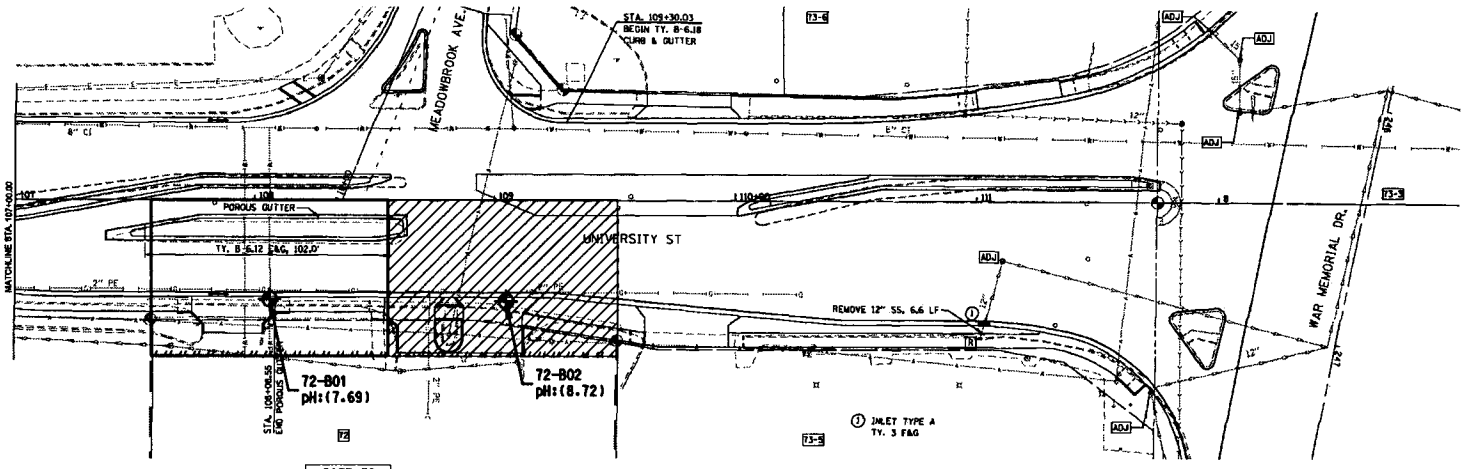
APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPN

BORING LOCATION MAP

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITE 64
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER: FIG. 4

I:\CM\2015 Peoria\Forrest Hill to War Memorial (North)\PDF\DWG\CM2015 Report drawing.dwg Tab: FIGURE 4 Last Saved: April 2, 2015, by Thomas Pino Plotted: Thursday, April 02, 2015 11:37:09 AM



SITE 72
McDONALD'S

LEGEND

- SITE LIMIT
- SOIL BORING LOCATION
- PROPOSED CONSTRUCTION EXCAVATION AREA WHERE CONTAMINANTS OF CONCERN IN SOIL EXCEED APPLICABLE MACS
- PROPOSED CONSTRUCTION EXCAVATION AREA WHERE CONTAMINANTS OF CONCERN IN SOIL EXCEED THE MOST STRINGENT MACS BUT ARE BELOW LOCATION SPECIFIC MACS FOR A METROPOLITAN STATISTICAL AREA OR WHERE SOIL EXCEEDS THE TIER 1 CONCENTRATION FOR THE SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE

NOTES

1. FIGURES SHOWN ARE SCANNED IMAGES TAKEN FROM DRAWINGS PROVIDED BY OTHERS WHICH MAY EFFECT SCALING.
2. ALL UTILITIES SHOWN ARE APPROXIMATE IN LOCATION. BORING LOCATIONS MUST BE VERIFIED AND THE UTILITIES FIELD STAKED BY UTILITY SEARCH IN ACCORDANCE WITH THE WORK PLAN.
3. CONTAMINANTS OF CONCERN TABLES SHOWN ON FIGURE 5A.

N

0 50 100

SCALE: IN FEET

REVISIONS

NO.	DATE	DESCRIPTION	BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-5495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184-001541

APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPH

BORING LOCATION MAP

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITE 72
FAU 6593 (UNIVERSITY STREET)
FROM FORREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER: FIG. 5

T:\CAD\2015 Peoria\Forrest Hill to War Memorial (North)\PDF\DWG\DAT2015 Report drawing.dwg Tab: FIGURE 5 Last Saved: April 2, 2015, by Thomas Pino Plotted: Thursday, April 02, 2015 11:37:54 AM

Site 72
McDonald's

Sample ID	72-B01		72-B02		[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only	[7] Most Stringent TACO Tier 1 Residential Objective
Sample Depth (ft)	0-2		0-2								
Sample Date	2/18/2015		2/18/2015								
PID	0		0								
Sample pH	7.69		8.72								
Matrix	Soil		Soil								
Inorganic Compounds, Total (mg/kg)											
Arsenic	**13**	**1,3,***	**14.9**	**1,3,5,7**	11.3	NA	11.3	NA	13	NA	13

mg/kg = Milligrams per kilogram
MAC = Maximum Allowable Concentrations of Chemical Constituents In Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 Ill. Adm. Code 1100.Subpart F).
MSA = Metropolitan Statistical Area
1 = Exceeds the most stringent MAC value.
2 = Exceeds the Outside a Populated Area MAC value.
3 = Exceeds the Populated Area in a Non-MSA County MAC value.
4 = Exceeds the Chicago Corporate Limits MAC value.
5 = Exceeds the Populated Area in a MSA, excluding Chicago value (least stringent).
6 = Exceeds Tier I concentration for the Soil Component of the Groundwater Ingestion Exposure Route, Class I (TACO Appendix B, Tables A and B).
7 = Exceeds the most stringent TACO Tier 1 Soil Remediation Objectives for Residential Properties.
***** = Exceeds the most stringent MAC value, but is below the TACO Tier 1 Soil Remediation Objectives for Residential Properties.

CCDD Eligible
not CCDD Eligible (greater than MSA MAC), but not non-special waste (below most stringent TACO Tier 1 Residential RO)
non-special waste (greater than MSA MAC, greater than most stringent TACO Tier 1 Residential RO)

REVISIONS
NO. | DATE | DESCRIPTION | BY

ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive, Springfield, IL 62711-7233
Tel (217) 787-2334 Fax (217) 787-8495
Pontiac, IL • Naperville, IL • Indianapolis, IN • Warrenton, MO
Professional Design Engineering and Land Surveying Firm #184001541

APPROVED BY: CEF | DESIGNED BY: CMT | DRAWN BY: MPN

CONTAMINANTS OF CONCERN

PLANS PREPARED FOR
CRAWFORD, MURPHY & TILLY, INC.
SITE 72
FAU 6593 (UNIVERSITY STREET)
FROM FOREST HILL AVE. TO WAR MEMORIAL DR.
PEORIA, PEORIA COUNTY, ILLINOIS

DATE: APRIL 2015
PROJECT ID: 150167
SHEET NUMBER:

FIG. 5A

FINAL BID PLANS
PAVING CONTRACT
July 6, 2016

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.		

UNIVERSITY STREET (FAU 6593)
FORREST HILL AVENUE TO WAR MEMORIAL DRIVE

SECTION 12-00361-04-FP
REHABILITATION, RESTORATION, & RESURFACING
PEORIA, ILLINOIS

INDEX TO SHEETS

SHEETS INCLUDED IN THIS CONTRACT

HIGHWAY STANDARD DETAIL PLANS

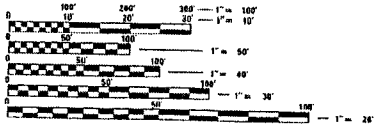
000001-06	602306-03	701601-09	836001-02
280001-07	602401-03	701602-07	838001
353001-04	602406-07	701701-10	857001-01
424001-08	602601-04	701801-06	862001-01
424006-02	602701-02	701901-05	873001-02
424011-02	604001-04	720001-01	876001-04
424021-03	604006-05	720006-04	877011-07
424026-01	604036-03	720016-03	877012-04
442201-03	604086-03	780001-05	878001-10
482001-02	606001-06	805001-01	880006-01
602301-04	606301-04	814001-03	
	701427-04	821101-01	

AVERAGE DAILY TRAFFIC (ADT)

UNIVERSITY STREET
25,800 VPD (2012)

FUNCTIONAL CLASSIFICATION

MINOR ARTERIAL



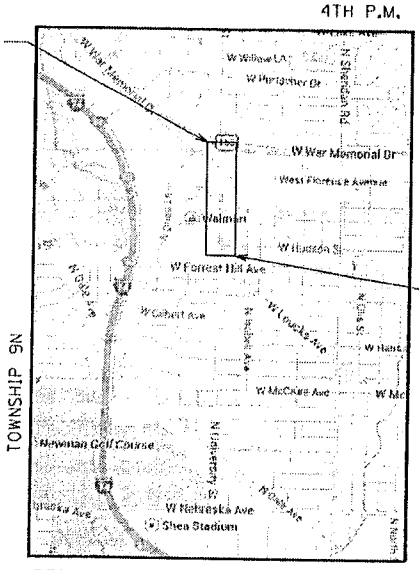
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CITY ENGINEER: SCOTT REEISE, P.E.

CONTRACT NO.

END IMPROVEMENTS
STA. 8+22.39



4TH P.M.

N

RANGE 8E

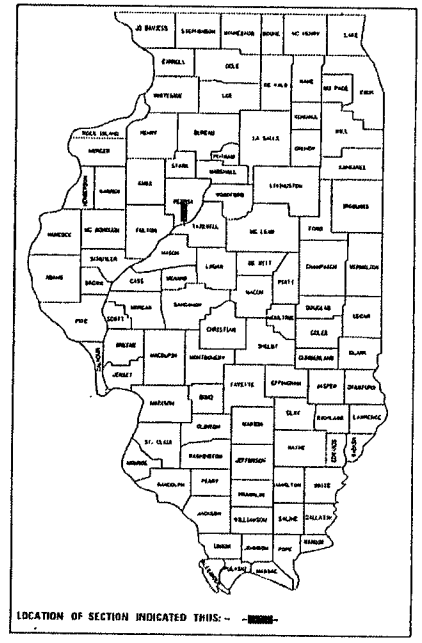
TOWNSHIP 9N

BEGIN IMPROVEMENTS
STA. 86+98.00

PEORIA EAST TOWNSHIP

LOCATION MAP

UNIVERSITY STREET GROSS/NET LENGTH : = 2525 L.F. (0.48 MILES)



LOCATION OF SECTION INDICATED THUS: -

EMILY M. MUNDAY
062-064653
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

DATE SIGNED : 7-6-2016
LIC. EXP. DATE : 11/30/2017

CMT

AGENCY RESPONSIBLE FOR LETTING

APPROVED July 8 2016
CITY OF PEORIA, CITY ENGINEER

PASSED _____ 2016
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW

AGREEMENT OF UNDERSTANDING

DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

GENERAL NOTES

1. THE LOCATION OF DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CONTRACT.

2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE PRIOR TO BEGINNING CONSTRUCTION. UTILITY OWNERS SHALL BE REQUESTED TO RELOCATE THEIR FACILITIES IN COOPERATION WITH THE CONTRACTORS ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THESE FACILITIES FROM DAMAGE DURING CONSTRUCTION OF THE ROADWAY IMPROVEMENTS. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

3. ALL AREAS DISTURBED DURING CONSTRUCTION OPERATIONS AND NOT PART OF THE WORK AS SHOWN HEREON SHALL BE RESTORED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE CITY OF PEORIA AT NO ADDITIONAL COMPENSATION TO TO THE CONTRACTOR. IT IS INCUMBENT UPON THE CONTRACTOR TO SHOW THAT DAMAGED AREAS WERE NOT DISTURBED BY CONSTRUCTION OPERATIONS.

4. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT CONSTRUCTION WORKERS, ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICLES.

5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES TO CAUSE THE ADJUSTMENT, RELOCATION OR REMOVAL OF EXISTING UTILITIES AS NECESSARY TO ALLOW CONSTRUCTION OF THE PROPOSED STREET IMPROVEMENTS IDENTIFIED IN THESE PLANS.

6. EXISTING PAVEMENT THICKNESS AND ELEVATION SHOWN ARE APPROXIMATE BASED ON PAVEMENT CORES TAKEN AT THE PROJECT SITE. PAVEMENT CORE LOCATIONS ARE IDENTIFIED ON THE REMOVAL PLAN SHEETS CONTAINED HEREIN.

7. EXISTING HOT-MIX ASPHALT SHALL BE REMOVED TO ALLOW FOR CONSTRUCTION OF THE PROPOSED HMA PAVEMENT TO THE PROPOSED PROFILE GRADE LINE PROVIDED IN THESE PLANS. THIS WORK SHALL BE PAID AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. PAVEMENT MILLING TO A SPECIFIED DEPTH BELOW THE PROPOSED PROFILE WILL RESULT IN SOME OF THE EXSITING ASPHALT PAVEMENT BEING LEFT IN PLACE ON TOP OF THE EXISTING PCC PAVEMENT. THE CONTRACTOR SHALL INSPECT THE FINAL MILLED SURFACE AND REMOVE ANY LOOSE MATERIAL THAT DOES NOT ADHERE TO THE PCC PAVEMENT. THE CONTRACTOR SHALL EXCERCISE CAUTION IN ORDER TO NOT DAMAGE THE EXISTING PCC PAVEMENT.

8. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS TO THE NOMINAL THICKNESS WILL BE PEREMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT IS PLACED.

9. WHEN CONCRETE REMOVAL IS REQUIRED, IT MUST BE ACCOMPLISHED BY SAWCUT, SLEDGES, AND PNEUMATIC HAND TOOLS. EQUIPMENT AND METHODS USED MUST BE SUCH AS TO PREVENT CRACKING, SHATTERING OR SPALLING OF CONCRETE THAT IS TO REMAIN.

10. THE CONTRACTOR SHALL MAINTAIN SURFACE DRAINAGE OF THE ROAD THROUGHOUT THE CONSTRUCTION PROCESS.

11. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, STORAGE, AND RE-INSTALLATION OF ALL EXISTING SIGNAGE, BENCHES, SIDEWALK RAILINGS, AND OTHER ITEMS THAT ARE IMPACTED BY THIS CONTRACT AND ARE NOT SHOWN AS BEING REPLACED. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY OF THESE ITEMS THAT ARE DAMAGED AS A RESULT OF THIS CONTRACT FOR NO ADDITIONAL COST. THE REMOVAL AND RE-INSTALLATION OF THESE ITEMS SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CONTRACT.

12. CARE MUST BE TAKEN FOR ANY EARTH EXCAVATION NEAR EXISTING TREES SO THAT DAMAGE TO THE TREE ROOTS DOES NOT OCCUR. CONTRACTOR SHALL PRUNE TREE ROOTS AS REQUIRED FOR SIDEWALK INSTALLATION. COSTS FOR TREE ROOT PRUNING SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH.

13. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL COMMERCIAL PROPERTIES IMPACTED BY THE CONSTRUCTION OF THESE IMPROVEMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING WITH EACH AFFECTED PROPERTY OWNER TO MAKE ARRANGEMENTS FOR ACCESS NEEDS TO THE PROPERTY.

14. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC ON UNIVERSITY STREET THROUGHOUT THE DURATION OF CONSTRUCTION.

15. CONTRACTOR SHALL NOT BLOCK ANY ALLEYS OR SIDE STREETS WITH EQUIPMENT OR MATERIALS ASSOCIATED WITH STAGING AND CONSTRUCTION OPERATIONS WITHOUT APPROVAL OF THE OWNER'S PROJECT REPRESENTATIVE.

16. ALL HMA PAVEMENT SURFACE COURSES, CONCRETE BASE COURSES, CONCRETE PAVEMENTS, CURBS, GUTTERS AND SIDWALKS WHICH ARE TO BE REMOVED MUST BE SAW CUT AT THE LIMITS OF REMOVAL.

17. CONTRACTOR MUST SAWCUT FOR SIDEWALK AND DRIVEWAYS AT THE IMPROVEMENT LIMITS AT LOCATIONS AS SHOWN ON THE PLANS TO AVOID DAMAGE TO ADJACENT PROPERTIES.

18. SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.

19. EXISTING SOILS SHALL BE PROTECTED AND NOT MIXED WITH CONSTRUCTION AGGREGATE OR DEBRIS. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING TOPSOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR TOPSOIL FURNISH AND PLACE, 4".

20. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

21. DEPRESSED CURB AT ENTRANCES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.

22. PROPOSED STREET SIGNS ARE FOR INFORMATIONAL PURPOSES ONLY. STREET SIGNS ARE TO BE PROVIDED BY THE CITY OF PEORIA.

23. CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS IN CONFORMANCE WITH CURRENT IEPA REGULATIONS.

24. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES THAT ARE IN CONFLICT WITH CONSTRUCTION TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR COVERED BY THE CONTRACTOR ONCE THE CONSTRUCTION TRAFFIC CONTROL SYSTEM IS IN PLACE. ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED SIGNS OR DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

25. ARROW BOARDS ARE REQUIRED FOR LANE CLOSURES AS SHOWN ON THE TRAFFIC CONTROL STANDARDS. ARROW BOARDS SHALL BE INCLUDED IN THE UNIT COST OF TRAFFIC CONTROL AND PROTECTION.

26. QUANTITY FOR THE FOLLOWING PAY ITEMS SHALL BE USED AT THE DISCRETION OF THE FIELD REPRESENTATIVE FOR PATCHING UNSUITABLE EXISTING PCC PAVEMENT AFTER HMA COLD MILLING WORK.

    PAY ITEMS: 44201761 CLASS D PATCHES, TYPE I, 10 INCH
    44201765 CLASS D PATCHES, TYPE II, 10 INCH
    44201769 CLASS D PATCHES, TYPE III, 10 INCH

27. IF THE CONSTRACTOR CAUSES DEBRIS TO ENTER THE EXISTING SANITARY SEWERS, THAT ENTIRE SECTION OF SEWER BETWEEN MANHOLES MUST AT ONCE BE THROUGHLY CLEANED NO ADDITIONAL COST TO THE CONTRACT.

28. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF STREET LIGHTING WITH THE ENGINEER AND OVERHEAD UTILITY COMPANIES TO ENSURE COMPLIANCE WITH HORIZONTAL AND VERTICAL CLEARANCES PRIOR TO PLACEMENT OF FOUNDATIONS AND POLES.

29. THE CONTRACTOR SHALL EXCERCISE CARE TO LOCATE SPRINKLER SYSTEMS BEFORE PERFORMING REMOVAL AND EXCAVATION WORK, ESPECIALLY BEHIND EXISTING SIDEWALK. THE CONTRACTOR SHALL NOTIFY THE CITY'S FIELD REPRESENTATIVE OF THESE LOCATIONS. ANY RELOCATIONS OR ADJUSTMENTS OF SPRINKLER HEADS AND IRRIGATION LINES DETERMINED TO BE NECESSARY SHALL BE COORDINATED WITH THE ENGINEER AND PAID FOR AT THE CONTRACT UNIT COST PER EACH FOR IRRIGATION HEAD REPAIR.

30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF UNDERGROUND CONDUIT PLACEMENT AND INSTALLATION OF FRENCH DRAINS TO ENSURE NO DAMAGE TO THE INTEGRITY OF THE FILTER FABRIC OR AGGREGATES. WHERE POSSIBLE ALL UNDERGROUND CONDUITS CROSSING UNIVERSITY STREET SHALL BE INSTALLED PRIOR TO FRECH DRAIN CONSTRUCTION.

31. THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATING ANY MATERIAL OR BORING OPERATIONS. THE FOLLOWING UTILITY COMPANIES HAVE BEEN CONTACTED BY THE CITY AND THEIR EXISTING FACILITIES ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.

    AMEREN ILLINOIS - GAS: KENT KOWALSKE (309-677-5327)

    AMEREN ILLINOIS - ELECTRIC: WAHEED SHAHZAD (309-693-4631)

    IL AMERICAN WATER: CHRISTIAN VOLZ (309-566-4114)

    AT&T: MIKE CODY (217-415-6341)

    GREATER PEORIA SANITARY DISTRICT: JIM SLOAN (309-272-4850)

    COMCAST: RAYMOND DECROIX (309-208-6705)

    WINDSTREAM: DAVID FEREIRA (309-282-3110)

    ITV-3: MATT CAIN (309-670-0600)

THIS PROJECT INCLUDES HMA/CONCRETE SURFACE MILLING OR HMA PAVING WORK. SEE SUMMARY OF QUANTITIES SHEET FOR PAY ITEMS INCLUDED IN THIS CONTRACT.

ALL SIDEWALK, DRAINAGE, DRIVEWAY, CURB AND GUTTER, TRAFFIC SIGNAL, STREET LIGHTING, AND WATER MAIN WORK SHALL BE AWARDED AS A SEPARATE CONTRACT. CONTRACTORS WILL BE REQUIRED TO COORDINATE ACTIVITIES AND SCHEDULES.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental esource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- Color photographs depicting the use area
- Borrow Area Entry Agreement form-D4 P10101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

LEGEND

//////////	EXIST. PERMANENT EASEMENT
——— —	EXIST. R.O.W.
/ // // //	TEMPORARY EASEMENT
	FOUND MARKER
— — — —	LOT LINE
———	PROPERTY LINE
376-021	PROPERTY ID NUMBER
*3120	STREET ADDRESS
56	SPECIAL WASTE PROPERTY ID

CMT

MODEL NAME = Default	DESIGNED - EMM	REVISED -	
FILE NAME = gen_notes.dgn	DRAWN - ARH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/8/2016 10:59:07 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

GENERAL NOTES AND STANDARDS
UNIVERSITY STREET

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	2
		CONTRACT NO.		
PHASE OF CONSTRUCTION	ILLINOIS STATE ROUTE PROJECT, IF APPLICABLE			

THIS PROJECT INCLUDES HMA/CONCRETE SURFACE MILLING OR HMA PAVING WORK. SEE SUMMARY OF QUANTITIES SHEET FOR PAY ITEMS INCLUDED IN THIS CONTRACT.

ALL SIDEWALK, DRAINAGE, DRIVEWAY, CURB AND GUTTER, TRAFFIC SIGNAL, STREET LIGHTING, AND WATER MAIN WORK SHALL BE AWARDED AS A SEPARATE CONTRACT. CONTRACTORS WILL BE REQUIRED TO COORDINATE ACTIVITIES AND SCHEDULES.

HOT-MIX ASPHALT MATERIALS

MIXTURE USES:	POLY. SURFACE	POLY. BINDER	LEVELING BINDER	INCIDENTAL (SURFACE LIFT)	INCIDENTAL (LOWER LIFTS)
PAY CODE ITEM	40603565	40603210	40600827	40800050	40800050
AC/PG:	SBS 76-22	SBS 76-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL-9.5	IL-4.75	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX E	N/A	N/A	MIX C	N/A
MIXTURE WEIGHT:	116 LB/SQ YD/IN	116 LB/SQ YD/IN	116 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN
THICKNESS:	1 1/2"	1 3/4" & VARIES	3/4"	VARIES	VARIES
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A

PAVEMENT PATCHING (CLASS D)

MIXTURE USES:	HMA (SURFACE LIFT)	HMA (LOWER LIFTS)
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX C	N/A
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A

PAVEMENT PATCHING (CLASS C)

MIX DESIGN:	PP-1

HIGH-EARLY-STRENGTH PCC PAVEMENT

MIX DESIGN:	PP-2*

*UNLESS NOTED OTHERWISE.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

1. *3317 UNIVERSITY STREET (14-29-376-038) - BOTH DRIVEWAYS TO THIS PROPERTY SHALL NOT BE CLOSED AT THE SAME TIME. CONTRACTOR SHALL USE HIGH-EARLY-STRENGTH PCC PAVEMENT, 8".
2. *3523 UNIVERSITY STREET (14-29-327-025) - TWO-WAY ACCESS ON WEST FLORENCE ACCESS ROAD SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL USE HIGH-EARLY-STRENGTH PCC PAVEMENT, 8".
3. *3220 UNIVERSITY STREET (14-29-451-009) - BOTH DRIVEWAYS TO THIS PROPERTY SHALL NOT BE CLOSED AT THE SAME TIME.
4. *3524 UNIVERSITY STREET (14-29-401-022) - ORNAMENTAL TREE REMOVED FOR SIDEWALK CONSTRUCTION SHALL BE REPLACED BY ORNAMENTAL GRASSES, EQUALLY SPACED AND MULCHED, ALONG THE LENGTH OF THE PROPERTY FRONTAGE AS DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	BID QUANTITY	RECORD QUANTITY
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	1505	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	18960	
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	756	
40603210	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	2221	
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1512	
42001000	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	11	
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	100	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	400	
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	200	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25250	
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	764	
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	8150	
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1685	
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	393	
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	13412	
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	764	
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	8150	
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1685	
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	393	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	
Z0034105	MATERIAL TRANSFER DEVICE	TON	3733	

QUANTITY SCHEDULES

TREE SCHEDULE			
		A2018726	20100110
STATION	O/S	PROPOSED	REMOVAL
		EACH	UNITS
106+42	8.4' RT	1	
106+67	9.0' RT	1	
107+51	50.0' RT		10.0
107+84	11.5', RT	1	
108+14	11.5', RT	1	
108+44	11.5', RT	1	
TOTAL		5	10

PCC BASE CSE WIDENING (VARIABLE DEPTH)					
		PAY ITEM		35401100	
STATION		STATION		STREET	AREA (SY)
87+61.18	RT	89+66.43	RT	UNIVERSITY	41.2
105+47.27	RT	106+28.78	RT	UNIVERSITY	22.7
106+42.28	RT	107+75.24	LT	UNIVERSITY	36.2
107+40.88	RT	10862.12	RT	UNIVERSITY	13.8
108+44.10	LT	108+63.12	LT	UNIVERSITY	7.3
10+41.35		10+74.43		MEADOWBRK	39.9
10+68.21	RT	10+92.44	RT	MEADOWBRK	24.5
110+08.38	RT	111+00.64	LT	UNIVERSITY	36.3
				TOTAL	222.0

SITE	NON-SPECIAL WASTE DISPOSAL	SOIL DISPOSAL ANALYSIS
	66900200	66900530
	CU. YD.	EACH
STATE R.O.W.	330	2
53	31	1
54	87	1
63	166	1
64	60	1
72	166	1
TOTAL	840	7

LIGHTING SCHEDULE				
			83600200	XXX00008
ID	STATION	OFFSET	FOOT	EACH
L1	86+70.00	58.0' LT	6.0	1
L2	87+88.00	55.5' LT	6.0	1
L3	89+22.50	31.0' RT	6.0	1
L4	90+43.00	31.0' LT	6.0	1
L5	91+82.50	31.0' RT	6.0	1
L6	93+16.00	31.0' LT	6.0	1
L7	94+37.00	31.0' RT	6.0	1
L8	95+56.00	31.0' LT	6.0	1
L9	96+71.50	31.0' RT	6.0	1
L10	97+89.00	31.0' LT	6.0	1
L11	99+14.50	31.0' RT	6.0	1
L12	101+00.00	31.0' LT	6.0	1
L13	102+16.50	31.0' RT	6.0	1
L14	103+45.00	31.0' LT	6.0	1
L15	104+66.50	35.5' RT	6.0	1
L16	106+50.00	36.5' LT	6.0	1
L17	107+66.50	47.5' RT	6.0	1
L18	108+37.97	54.9' LT	6.0	1
L19	109+22.50	42.5' RT	6.0	1
L20	110+10.00	36.5' LT	6.0	1
L21	110+73.00	54.0' RT	6.0	1
		TOTAL	126	21

		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	HIGH-EARLY-STRENGTH PCC PAVEMENT, 8"
		42300400	42000900 *
CENTERLINE STA.	O/S	SQ YD	SQ YD
87+90.62	RT	27.5	
88+27.09	RT	15.0	
89+03.55	RT	27.5	
90+06.14	LT	28.1	
90+93.52	RT	33.6	
91+43.53	RT	30.2	
91+89.05 to 92+14.37, RT		3.9	
92+26.37	RT	45.0	
92+27.02	LT	31.7	
92+38.37 to 93+26.81, RT		12.7	
92+95.79	LT	31.7	
93+38.81	RT	37.8	
93+90.30	LT	31.7	
94+18.54	RT	23.3	
94+60.62	RT	27.5	
94+65.94	LT	27.5	
95+96.97	LT		27.6
96+44.19	LT		30.2
96+46.04	RT		44.9
97+58.04	RT	42.9	
ALDI ENTRANCE	RT	104.9	
ACCESS ROAD	LT	247.9	
100+61.18	LT	36.4	
103+47.59	RT	31.7	
W. FLORENCE	LT		261.9
106+54.85	RT	45.9	
107+91.05	RT	51.5	
108+83.08	RT	123.6	
109+80.10	RT	75.1	
109+80.68	LT	45.8	
111+16.85	LT	35.2	
12+47.47 MEADOW	RT	25.3	
11+17.78 MEADOW	RT	21.2	
TOTAL		1,322	365

* ADDITIONAL HIGH-EARLY-STRENGTH PCC PAVEMENT, 8" INCLUDED IN PROJECT FOR USE AS DIRECTED BY THE ENGINEER.

UTILITY CONDUIT SCHEDULE						
STATION	81028350		81028370		81028390	
	UNDERGROUND CONDUIT, PVC 2" DIA.		UNDERGROUND CONDUIT, PVC 3" DIA.		UNDERGROUND CONDUIT, PVC 4" DIA.	
	NO.	LENGTH (FT)	NO.	LENGTH (FT)	NO.	LENGTH (FT)
90+29	1	78	1	78		
94+32	1	150			1	130
96+14	1	76			1	76
97+80	1	78			1	156
101+51			1	98	1	98
103+11	2	150				
105+00	1	105	1	105		
109+14	2	222				
111+58	1	133			1	133
TOTAL		992		281		593

* CONTRACTOR SHALL COORDINATE EXACT LOCATIONS AND VERIFY CONDUIT SIZES WITH ENGINEER AND AERIAL UTILITY COMPANIES PRIOR TO PERFORMING THIS WORK.

CMT

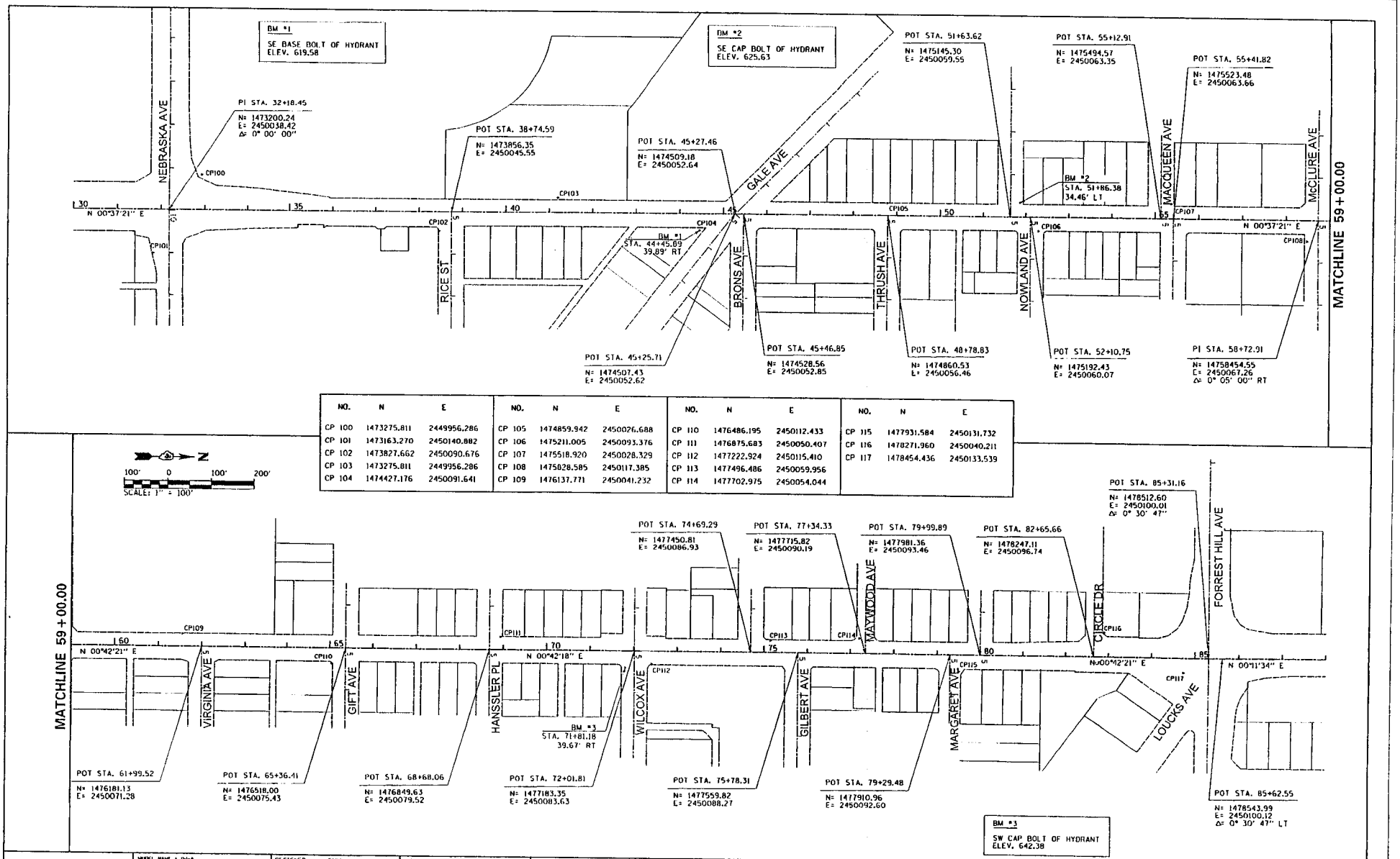
MODEL NAME = 2	DESIGNED - EMM	REVISED -
FILE NAME = Summary_of_Quantities.dgn	DRAWN - AHH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:25:28 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 2 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	5
		CONTRACT NO.		
PHASE 07	ILLINOIS STATE AID PROJECT			



NO.	N	E	NO.	N	E	NO.	N	E	NO.	N	E
CP 100	1473275.811	2449956.286	CP 105	1474859.942	2450026.688	CP 110	1476486.195	2450112.433	CP 115	1477931.584	2450131.732
CP 101	1473163.270	2450140.882	CP 106	1475211.005	2450093.376	CP 111	1476875.683	2450050.407	CP 116	1478271.960	2450040.211
CP 102	1473827.662	2450090.676	CP 107	1475518.920	2450028.329	CP 112	1477222.924	2450115.410	CP 117	1478454.436	2450133.539
CP 103	1473275.811	2449956.286	CP 108	1475028.585	2450117.385	CP 113	1477496.486	2450059.956			
CP 104	1474427.176	2450091.641	CP 109	1476137.771	2450041.232	CP 114	1477702.975	2450054.044			

CMT

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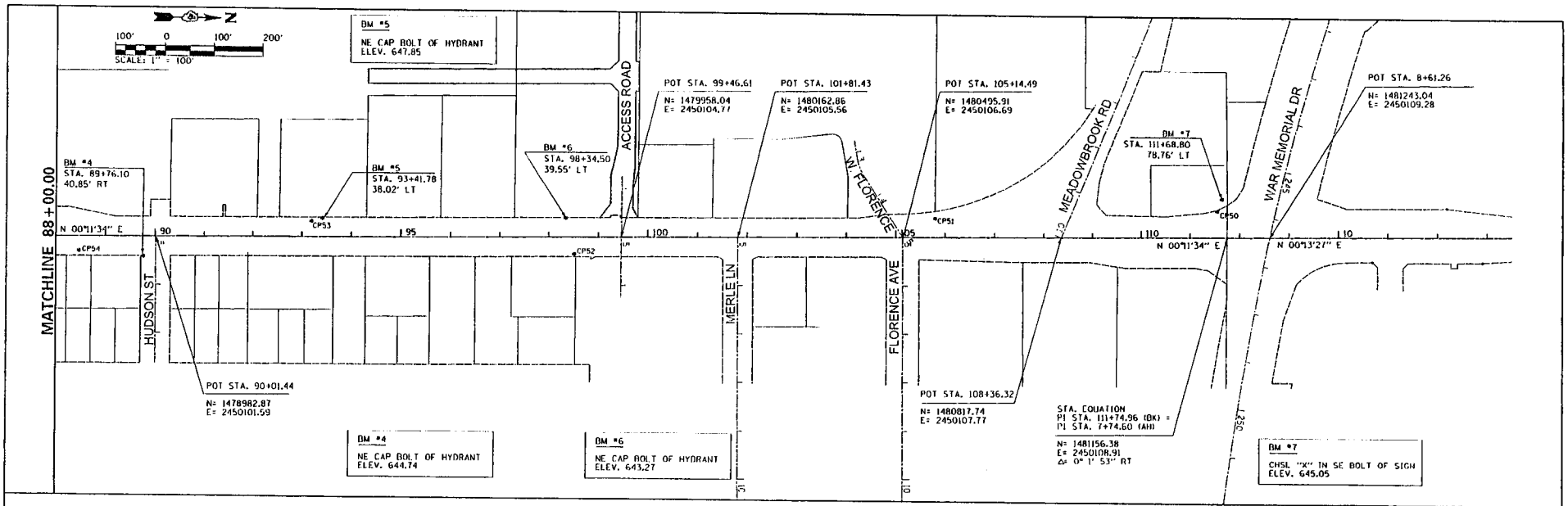
FILE NAME = Alignment-Control_Univ.dgn	DRAWN - ANH	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2016 11:26:16 AM	DATE - MAY 2015	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

ALIGNMENT CONTROL
UNIVERSITY STREET

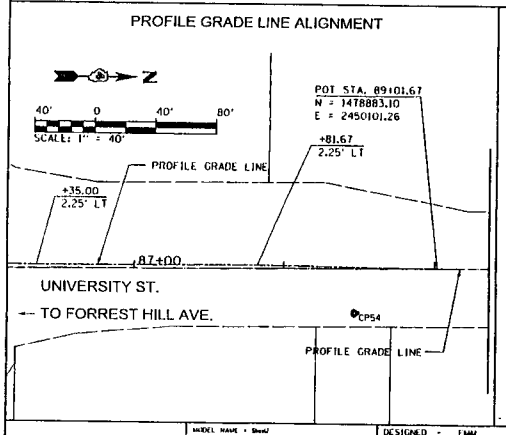
SCALE: 1" = 100' | SHEET 1 OF 2 SHEETS | STA. 30+00.00 TO STA. 88+00.00

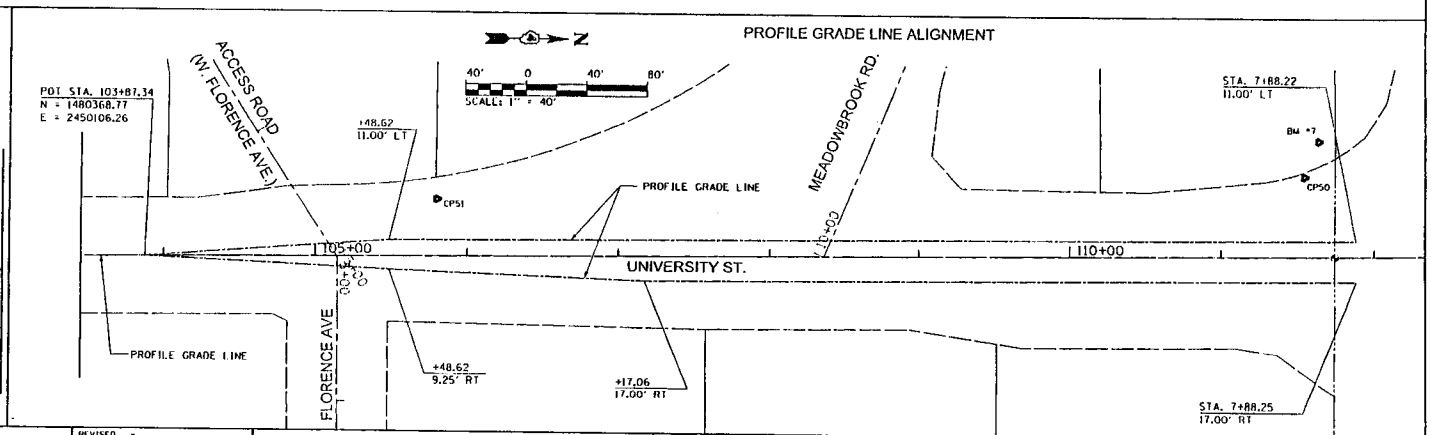
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-02-FP	PEORIA	85	6
		CONTRACT NO.		
		ILLINOIS STATE MFT PROJECT, 3H		



NO.	N	E	STA.	O/S
CP 50	1481137.090	2450054.144	111+55.48	54.70' LT
CP 51	1480562.020	24500067.577	105+80.46	39.33' LT
CP 52	1479832.984	2450138.960	98+51.67	34.51' RT
CP 53	1479301.248	24500071.177	93+19.71	31.49' LT
CP 54	1478828.217	2450131.324	88+46.88	30.25' RT

NOTE: REFER TO R.O.W. PLANS FOR ADDITIONAL INFORMATION





CMT

MODEL NAME = Sheet2	DESIGNED - EMM	REVISED -	
FILE NAME = Alignment Control Drawings	DRAWN - AWH	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2018 11:26:12 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

ALIGNMENT CONTROL
UNIVERSITY STREET

SCALE: | SHEET 2 OF 2 SHEETS | STA. 88+00.00 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	2
		CONTRACT NO.		
	PHASE 02	ILLINOIS	STATE WFT PROJECT. 3R	

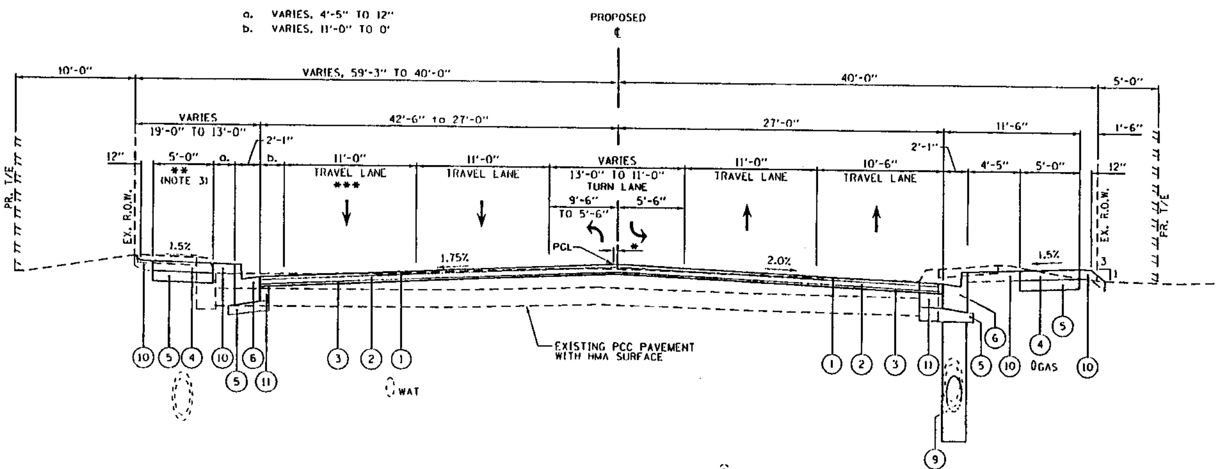
FRENCH DRAIN LOCATIONS

RT SIDE

STA. 88+65	TO	89+76
STA. 95+00	TO	99+10
STA. 100+10	TO	101+40
STA. 102+11	TO	104+64

LT SIDE

STA. 95+00	TO	98+75
STA. 100+09	TO	103+87



STA. 87 + 60.00 TO 89 + 81.67

* PGL LOCATION VARIES. REFER TO ALIGNMENT CONTROL SHEET.

** BEGIN C&G AND SIDEWALK ON LEFT SIDE AT STA. 88+82.58

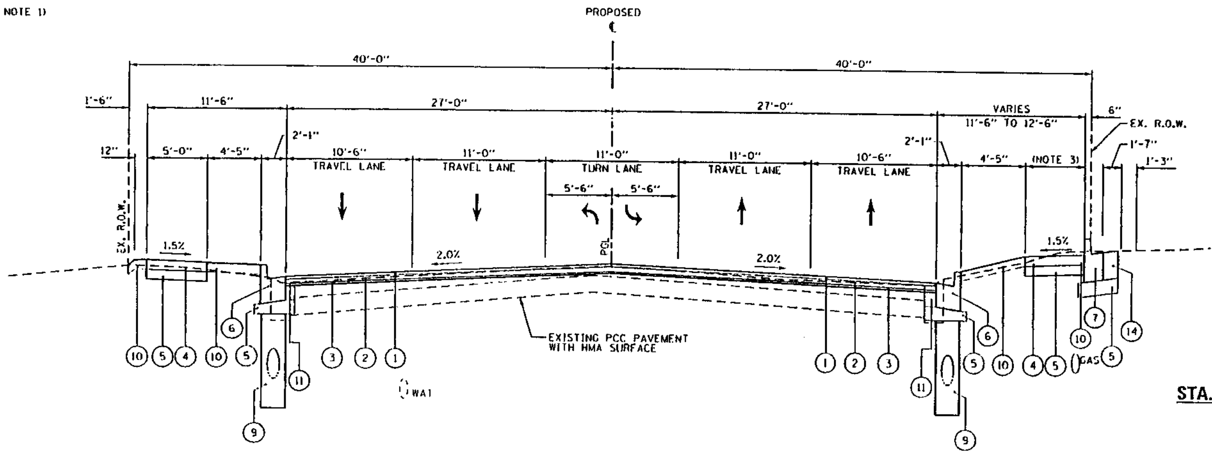
*** BEGIN TAPER AT STA. 89+01.67 TO 10'-6" AT STA. 89+81.67

PROPOSED MATERIALS

1. POLYMERIZED HMA SURFACE COURSE, MIX E, 1 1/2"
2. POLYMERIZED HMA BINDER COURSE, IL-9.5, 1 3/4" & VARIES
3. POLYMERIZED LEVEL BINDER, IL-4.75, 3/4"
4. PCC SIDEWALK, 4"
5. SUB-BASE GRANULAR MATERIAL, TYPE B, 4" MIN.
6. TYPE B-6.18 CURB & GUTTER
7. TYPE B-6.12 CURB & GUTTER
8. CONCRETE CURB, TYPE B
9. FRENCH DRAIN (SEE DETAIL SHEET 48)
10. SODDING AND TOPSOIL, 4"
11. PCC BASE COURSE WIDENING (VARIABLE DEPTH), 6" MIN. (SEE NOTE 1)
12. CONCRETE MEDIAN, TYPE SM-4.12
13. CONCRETE MEDIAN SURFACE, SPECIAL, 9"
14. PCC DRIVE PAVEMENT 8", OR INC. HMA SURFACING

NOTES

1. PCC BASE CSE WIDENING (VARIABLE DEPTH), SHALL BE 9" WIDE OR TO THE EXISTING PAVEMENT EDGE IF GREATER THAN 9".
2. B-6.12 C&G LOCATIONS SEPARATING PARKING PAVEMENT FROM SIDEWALK ARE DESIGNATED ON PLAN AND PROFILE SHEETS.
3. SIDEWALK WIDTH TO BE 6' WIDE WHEN ADJACENT TO CURB & GUTTER, AND 5' WIDE ELSEWHERE.



STA. 89 + 81.67 TO 103 + 87.53

CMT	DESIGNED - EMM	REVISED -	CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS	TYPICAL SECTION UNIVERSITY STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - AWH	REVISED -			6593	12-00361-04-FP	PEORIA	85	11
	CHECKED - EJH	REVISED -		SCALE: 1" = 5' SHEET 1 OF 3 SHEETS STA. TO STA.	CONTRACT NO.				
	DATE - JULY 2016	REVISED -			PHASE 02	ILLINOIS STATE AFT PROJECT. JR			

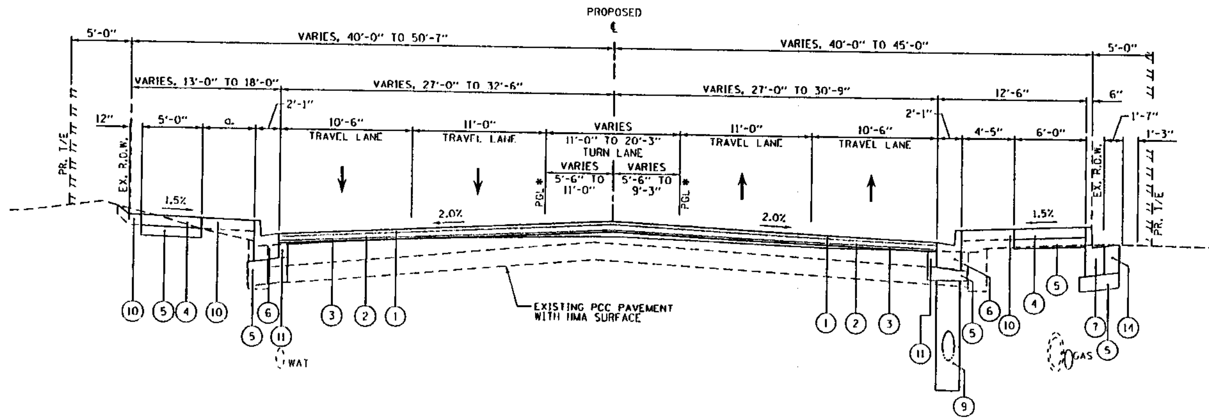
FRENCH DRAIN LOCATIONS

RT SIDE

STA. 88+65 TO 89+76
STA. 95+00 TO 99+10
STA. 100+10 TO 101+40
STA. 102+11 TO 104+64

LT SIDE

STA. 95+00 TO 98+75
STA. 100+09 TO 103+87



STA. 103+87.53 TO 105+48.62

(INTERSECTION OMISSION STA. 104+29.54 TO STA. 105+48.62)

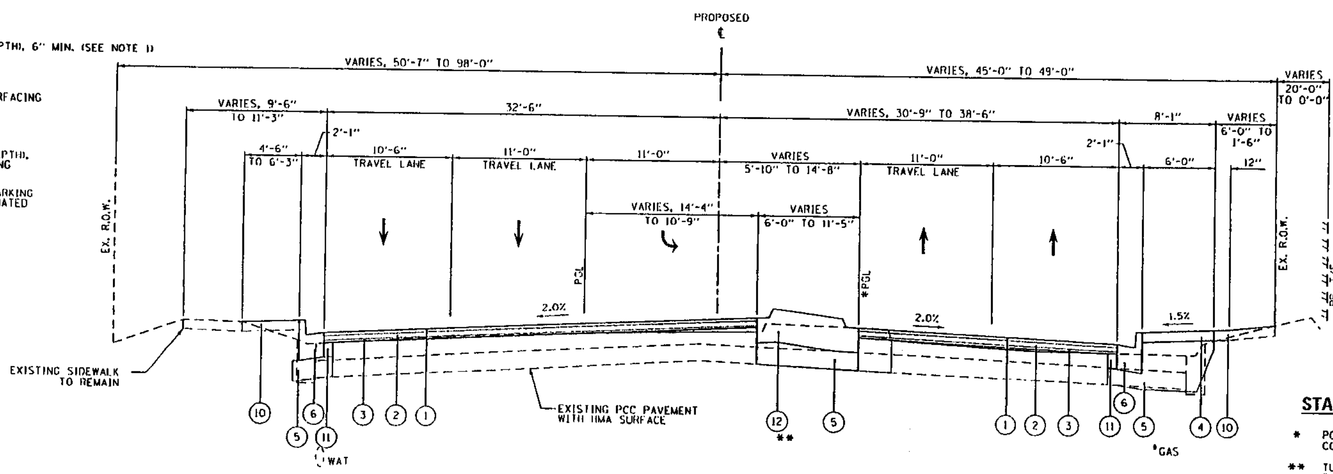
* PGL LOCATION VARIES. REFER TO ALIGNMENT CONTROL SHEET.

PROPOSED MATERIALS

1. POLYMERIZED HMA SURFACE COURSE, MIX E, 1 1/2"
2. POLYMERIZED HMA BINDER COURSE, IL-9.5, 1 3/4" & VARIES
3. POLYMERIZED LEVEL BINDER, IL-4.75, 3/4"
4. PCC SIDEWALK, 4"
5. SUB-BASE GRANULAR MATERIAL, TYPE B, 4" MIN.
6. TYPE B-6.18 CURB & GUTTER
7. TYPE B-6.12 CURB & GUTTER
8. CONCRETE CURB, TYPE B
9. FRENCH DRAIN (SEE DETAIL SHEET 48)
10. SODDING AND TOPSOIL, 4"
11. PCC BASE COURSE WIDENING (VARIABLE DEPTH), 6" MIN. (SEE NOTE 1)
12. CONCRETE MEDIAN, TYPE SM-4.12
13. CONCRETE MEDIAN SURFACE, SPECIAL, 9"
14. PCC DRIVE PAVEMENT 8", OR INC. HMA SURFACING

NOTES

1. PCC BASE CSE WIDENING (VARIABLE DEPTH), SHALL BE 9" WIDE OR TO THE EXISTING PAVEMENT EDGE IF GREATER THAN 9".
2. B-6.12 C&G LOCATIONS SEPARATING PARKING PAVEMENT FROM SIDEWALK ARE DESIGNATED ON PLAN AND PROFILE SHEETS.
3. SIDEWALK WIDTH TO BE 6' WIDE WHEN ADJACENT TO CURB & GUTTER, AND 5' WIDE ELSEWHERE.

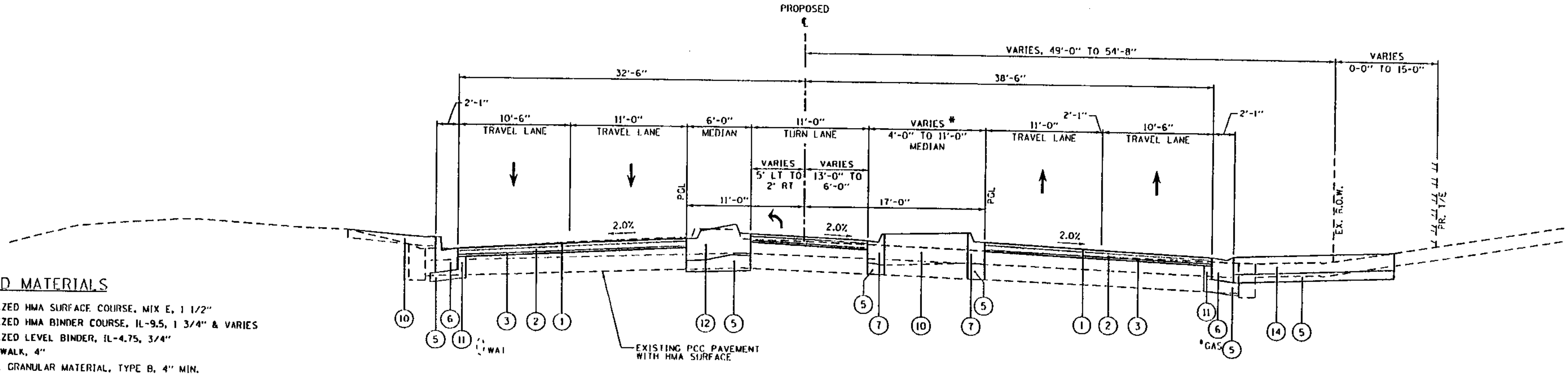


STA. 105+48.62 TO 107+16.56

* PGL LOCATION VARIES. REFER TO ALIGNMENT CONTROL SHEET.

** TURF MEDIAN WITH TY B-6.12 CURB & GUTTER FROM STA. 106+13.73 TO 106+80.33

CMT	MODEL NAME: TYPICAL	DESIGNED - EMM	REVISED -	CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS	TYPICAL SECTION UNIVERSITY STREET	F.A.U. RTE. 6593	SECTION 12-00361-04-FP	COUNTY PEORIA	TOTAL SHEETS 85	SHEET NO. 12
	PLOT SCALE: 10.0000 ' / in.	DRAWN - AWH	REVISED -		SCALE: 1" = 5'	SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO.		
	PLOT DATE: 7/6/2016 11:26:33 AM	CHECKED - EJH	REVISED -							
		DATE - JULY 2016	REVISED -			PHASE 02	ILLINOIS STATE AFT PROJECT			



PROPOSED MATERIALS

① POLYMERIZED HMA SURFACE COURSE, MIX E, 1 1/2"
② POLYMERIZED HMA BINDER COURSE, IL-9.5, 1 3/4" & VARIES
③ POLYMERIZED LEVEL BINDER, IL-4.75, 3/4"
④ PCC SIDEWALK, 4"
⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 4" MIN.
⑥ TYPE B-6.18 CURB & GUTTER
⑦ TYPE B-6.12 CURB & GUTTER
⑧ CONCRETE CURB, TYPE B
⑨ FRENCH DRAIN (SEE DETAIL SHEET 48)
⑩ SODDING AND TOPSOIL, 4"
⑪ PCC BASE COURSE WIDENING (VARIABLE DEPTH), 6" MIN. (SEE NOTE 1)
⑫ CONCRETE MEDIAN, TYPE SM-4.12
⑬ CONCRETE MEDIAN SURFACE, SPECIAL, 9"
⑭ PCC DRIVE PAVEMENT 8", OR INC. HMA SURFACING

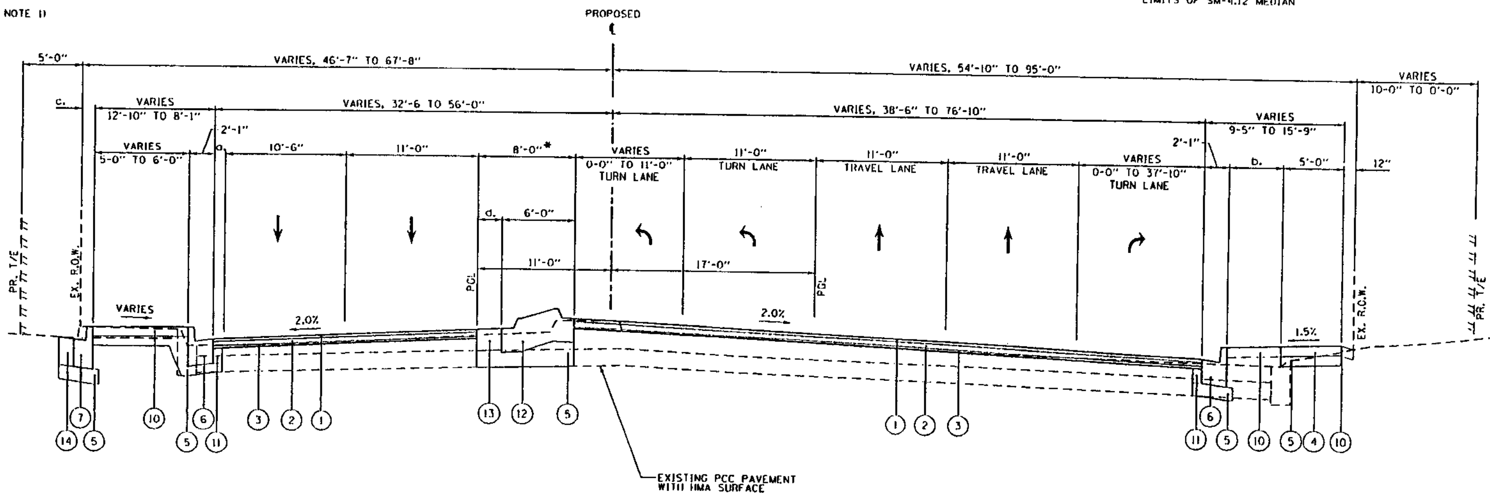
STA. 107+16.56 TO 109+22.60

(INTERSECTION OMISSION ON LEFT, STA. 107+89.66 TO STA. 109+44.80)

* REFER TO PLAN AND PROFILE SHEETS FOR LIMITS OF SM-4.12 MEDIAN

NOTES

1. PCC BASE CSE WIDENING (VARIABLE DEPTH), SHALL BE 9" WIDE OR TO THE EXISTING PAVEMENT EDGE IF GREATER THAN 9".
2. B-6.12 C&G LOCATIONS SEPARATING PARKING PAVEMENT FROM SIDEWALK ARE DESIGNATED ON PLAN AND PROFILE SHEETS.
3. SIDEWALK WIDTH TO BE 6' WIDE WHEN ADJACENT TO CURB & GUTTER, AND 5' WIDE ELSEWHERE.



STA. 109+22.60 TO 8+22.39

(INTERSECTION OMISSION STA. 7+75.62 TO STA. 8+22.39)

* REFER TO PLAN AND PROFILE SHEET FOR LIMITS OF CONCRETE MEDIAN SURFACE AND SM-4.12 MEDIAN.

a. VARIES, 0'-0" TO 23'-6"
b. VARIES, 4'-5" TO 10'-9"
c. VARIES, 12" TO 3'-10"
d. VARIES, 17'-0" TO 0'-0"

CMT

MODEL NAME = TYPICAL	DESIGNED - EMM	REVISED -	
FILE NAME = Typical_Section_...	DRAWN - AWH	REVISED -	
PLOT SCALE = ...	CHECKED - EJH	REVISED -	
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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

TYPICAL SECTION
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET 3 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	13

CONTRACT NO.

PHASE 02 | ILLINOIS STATE MFT PROJECT, 3R

REMOVAL LEGEND

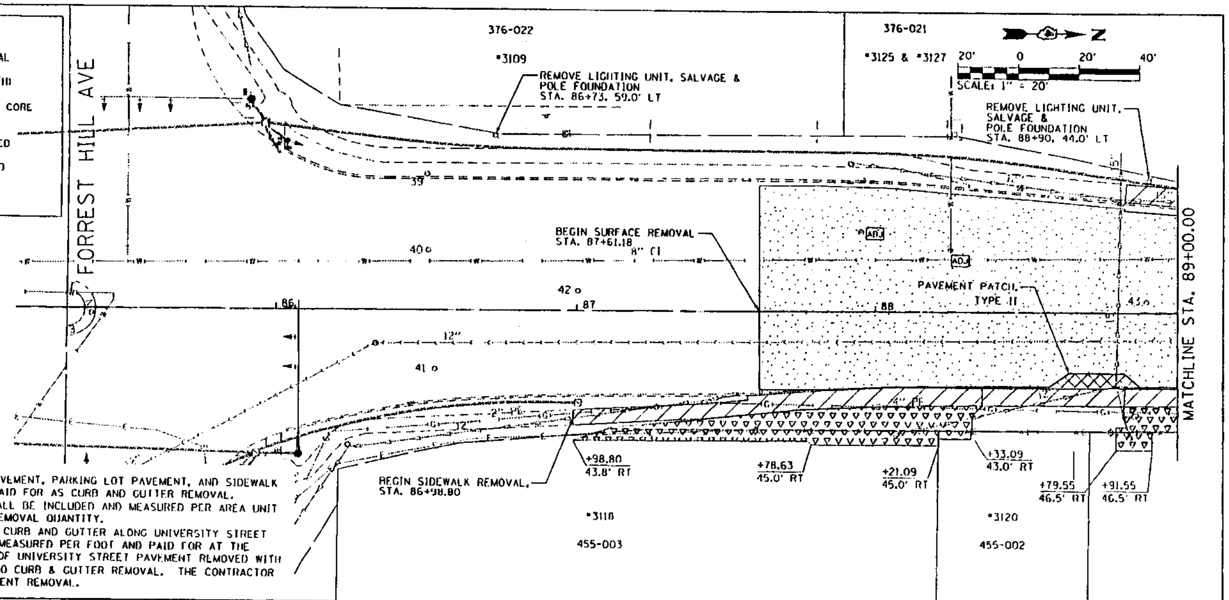
SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	PARKING LOT PAVEMENT REMOVAL
PAVEMENT PATCHING & SURFACE REMOVAL	PAVEMENT REMOVAL (FULL DEPTH)
SIDEWALK REMOVAL	CORE LOCATION (SEE PAVEMENT CORE DATA TABLE ON THIS SHEET)
DRIVEWAY PAVEMENT REMOVAL	ADJ MANHOLE/VALVE TO BE ADJUSTED
CONCRETE MEDIAN REMOVAL	R MANHOLE/VALVE TO BE REMOVED
	× TREE REMOVAL

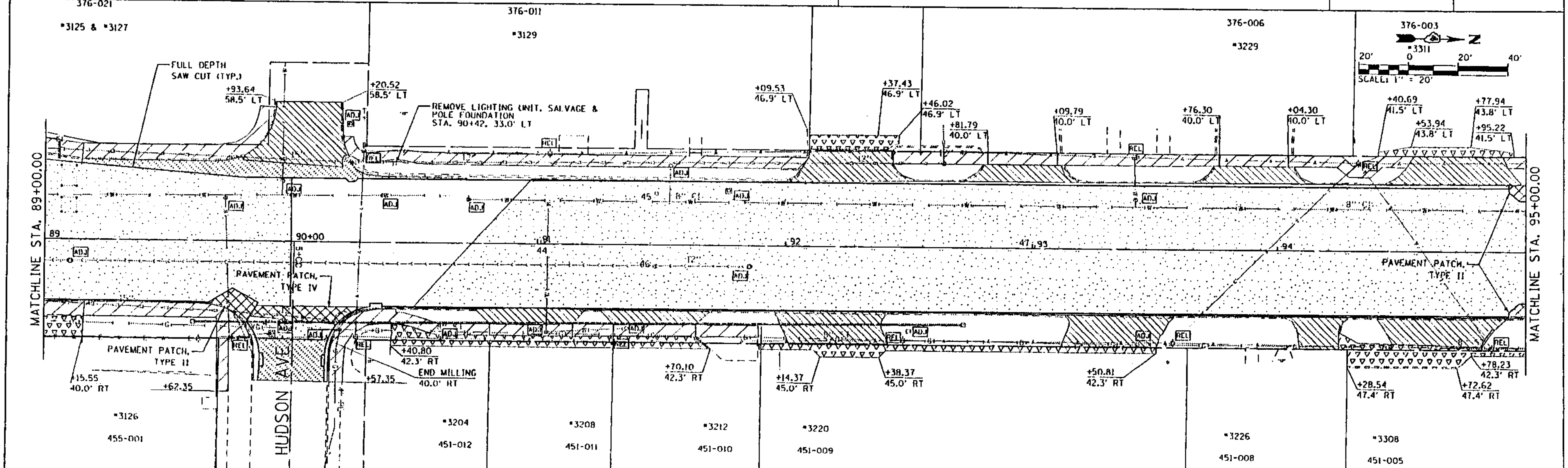
UNIVERSITY STREET EXISTING PAVEMENT CORES

CORE NUMBER	STATION	OFFSET		HMA THICKNESS (INCHES)	PCC THICKNESS (INCHES)
43	88+89.60	3.74'	LT	9	NA
44	91+01.93	0.97'	LT	3	NA
45	91+48.05	21.32'	LT	6	9 1/2
46	91+47.70	8.89'	RT	7	10
47	93+00.35	1.01'	LT	3 1/2	NA
48	95+15.15	1.29'	LT	2 1/2	NA
49	96+51.25	7.82'	LT	6 3/4	9 1/4
50	96+50.54	21.05'	RT	6	10
51	96+94.59	1.19'	LT	4 1/4	NA
52	98+99.44	1.60'	RT	4	NA
53	100+93.36	0.29'	LT	2 3/4	NA
54	101+40.18	21.86'	LT	11	7 1/2
55	101+42.07	9.59'	RT	7 1/2	10
56	103+04.85	0.40'	RT	2 1/2	NA
57	104+48.56	0.56'	LT	3	NA
58	105+99.90	4.18'	LT	3 3/4	NA
59	106+43.66	14.24'	LT	6 3/4	10 3/4
60	106+44.42	35.38'	RT	6 1/2	9 1/2
61	107+83.32	1.19'	RT	5 1/4	NA
62	109+56.57	1.70'	LT	8	NA
63	111+45.74	0.66'	RT	8 1/2	9 1/2
64	111+46.47	23.77'	RT	9	9
65	111+33.10	51.13'	RT	6 3/4	9 1/4
66	7+76.11	30.6'	LT	2	16

NOTE:

1. CURB AND GUTTER ADJACENT TO DRIVEWAY PAVEMENT, PARKING LOT PAVEMENT, AND SIDEWALK BEING REMOVED WILL NOT BE MEASURED OR PAID FOR AS CURB AND GUTTER REMOVAL. EFFORT AND DISPOSAL OF SUCH MATERIAL SHALL BE INCLUDED AND MEASURED PER AREA UNIT FOR THE ADJACENT PAVEMENT OR SIDEWALK REMOVAL QUANTITY.
2. MEASUREMENT AND PAYMENT FOR REMOVAL OF CURB AND GUTTER ALONG UNIVERSITY STREET AND INTERSECTING PUBLIC STREETS WILL BE MEASURED PER FOOT AND PAID FOR AT THE CONTRACT UNIT PRICE. THE NOMINAL WIDTH OF UNIVERSITY STREET PAVEMENT REMOVED WITH THE CURB AND GUTTER WILL BE INCIDENTAL TO CURB & GUTTER REMOVAL. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MINIMIZE PAVEMENT REMOVAL.





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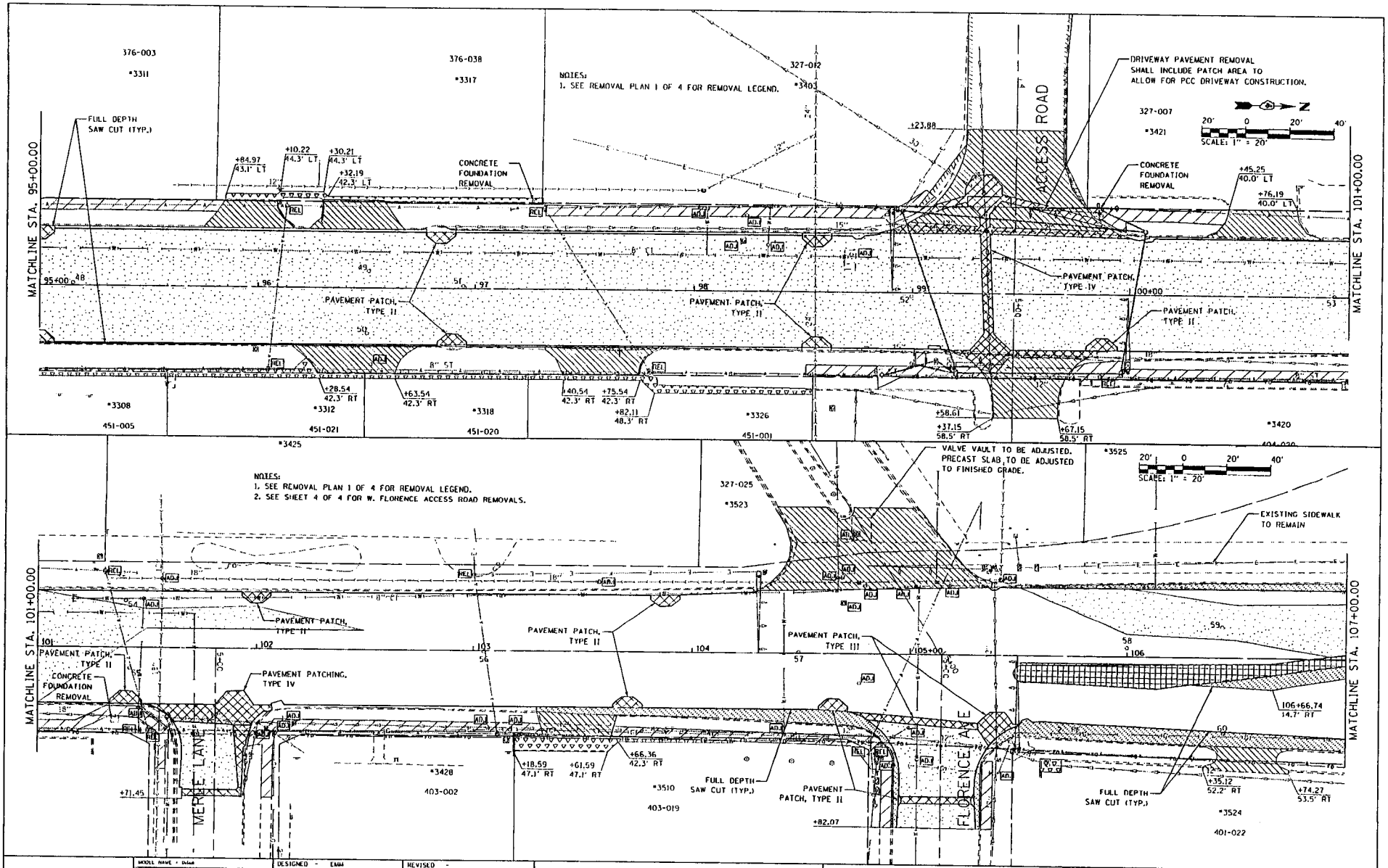
	FILE NAME	DRAWN - AWH	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA. 83+00 TO STA. 95+00	CONTRACT NO.		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - EJH	REVISED -			PHASE 02	ILLINOIS	STATE MFT PROJECT, JR		
	PLOT DATE = 7/8/2018 11:26:53 AM	DATE - JULY 2016	REVISED -							



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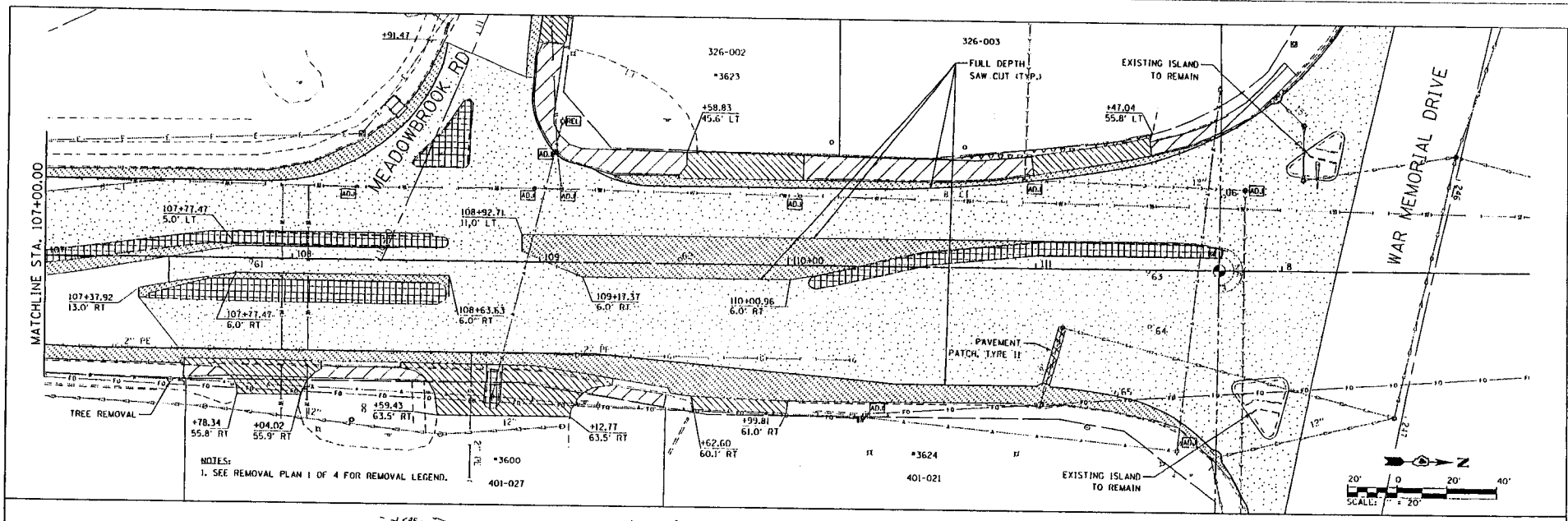
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

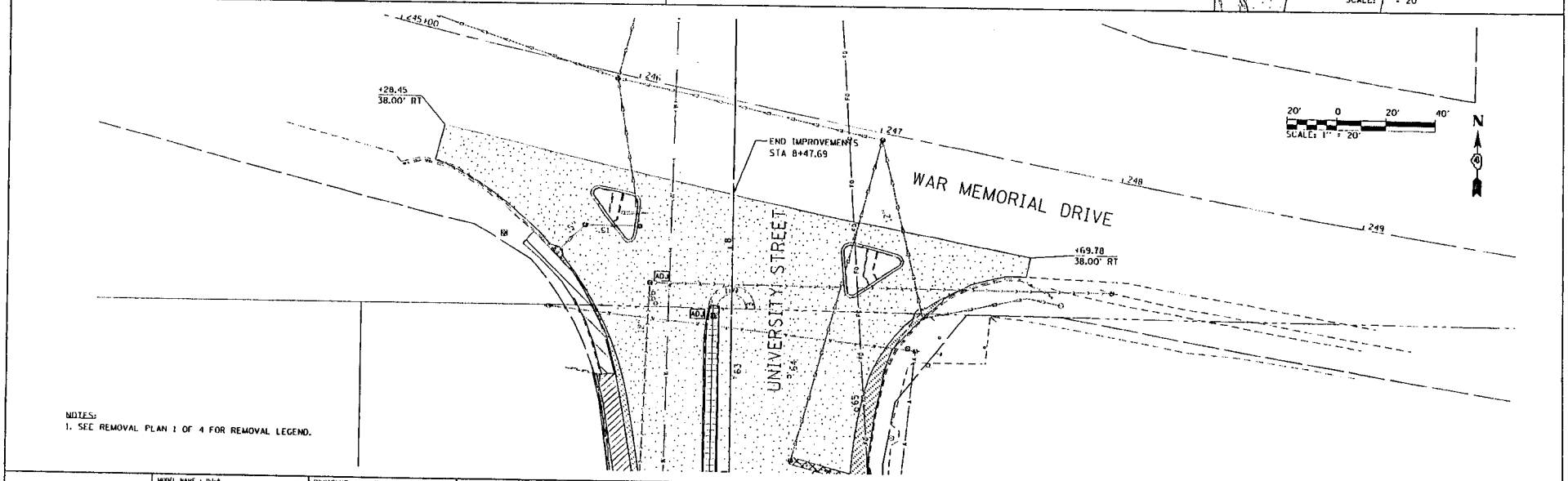
REMOVAL PLANS
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 2 OF 4 SHEETS | STA. 95+00 TO STA. 107+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	15
	PHASE 02 ILLINOIS	CONTRACT NO.		
		STATE MFT PROJECT, SN		

DESIGNED - EMM
DRAWN - AMH
CHECKED - EJH
DATE - JULY 2016





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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

REMOVAL PLANS
UNIVERSITY STREET

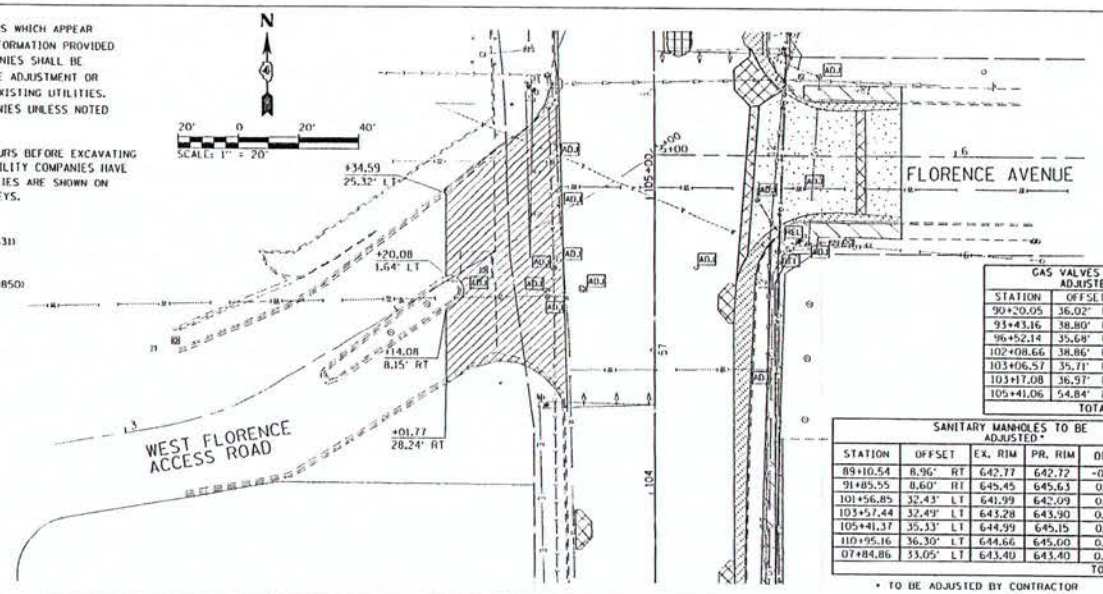
SCALE: 1" = 20' | SHEET 3 OF 4 SHEETS | STA. 107+00 TO STA. 8+22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	16
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE MFT PROJECT, JN		

THE TABLES PROVIDED ON THESE SHEETS IDENTIFY UTILITIES WHICH APPEAR TO REQUIRE RELOCATION OR ADJUSTMENT BASED ON THE INFORMATION PROVIDED IN THESE DRAWINGS. THE CONTRACTOR AND UTILITY COMPANIES SHALL BE RESPONSIBLE FOR IDENTIFYING ALL UTILITIES THAT REQUIRE ADJUSTMENT OR RELOCATION AND TAKE STEPS NECESSARY TO CHANGE THE EXISTING UTILITIES. ALL UTILITIES SHALL BE ADJUSTED BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.

THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATING ANY MATERIAL OR BORING OPERATIONS. THE FOLLOWING UTILITY COMPANIES HAVE BEEN CONTACTED BY THE CITY AND THEIR EXISTING FACILITIES ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.

AMEREN ILLINOIS - GAS: KENT KOWALSKE (309-677-5327)
AMEREN ILLINOIS - ELECTRIC: WAHEED SHAHZAD (309-693-4631)
IL AMERICAN WATER: CHRISTIAN VOLZ (309-566-4114)
AT&T: MIKE CODY (217-415-6341)
GREATER PEORIA SANITARY DISTRICT: JIM SLOAN (309-272-4850)
COMCAST: RAYMOND DECROIX (309-208-6705)
WINDSTREAM: DAVID FERCIRA (309-282-3110)
ITV-3: MATT CAIN (309-670-0600)



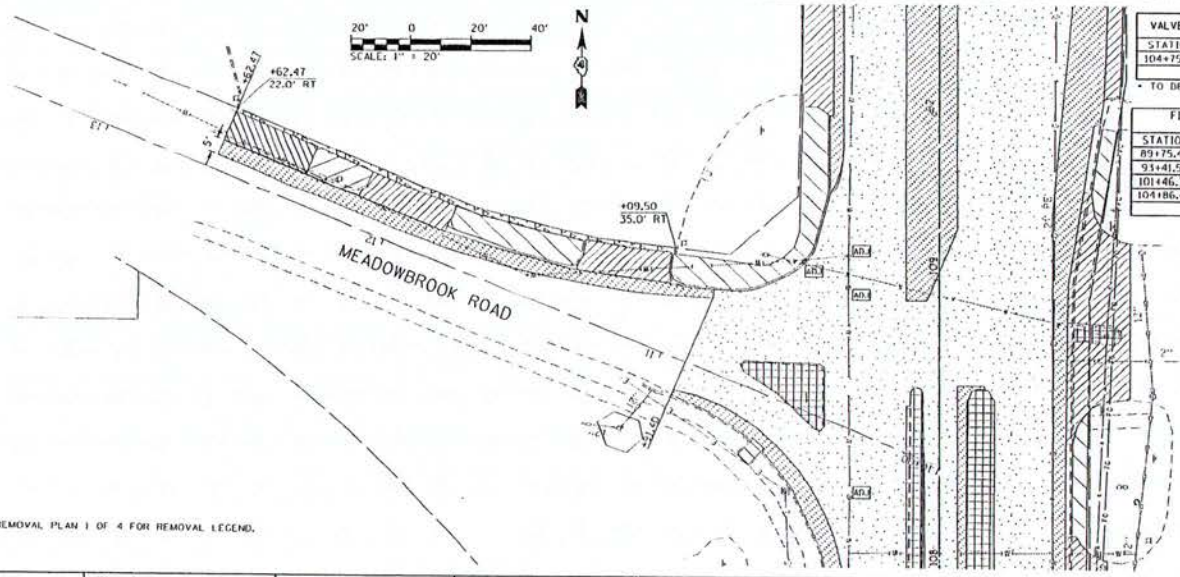
NOTES:
1. SEE REMOVAL PLAN 1 OF 4 FOR REMOVAL LEGEND.

CONCRETE CURB & GUTTER REMOVAL						
RIGHT SIDE						
STATION	ALIGN	TO	STATION	ALIGN	D/T	LF
5+38	HUB		5+57	HUB	RT	17
90+43	UNIV		90+76	UNIV	RT	33
91+19	UNIV		91+26	UNIV	RT	7
91+70	UNIV		91+96	UNIV	RT	26
92+40	UNIV		93+15	UNIV	RT	75
93+56	UNIV		94+03	UNIV	RT	47
94+28	UNIV		94+42	UNIV	RT	14
94+91	UNIV		96+18	UNIV	RT	127
96+73	UNIV		97+33	UNIV	RT	58
97+82	UNIV		99+16	UNIV	RT	132
99+87	UNIV		101+58	UNIV	RT	171
5+34	MERLE		5+71	MERLE	RT	37
5+35	MERLE		5+63	MERLE	LT	28
102+02	UNIV		102+14	UNIV	RT	13
102+14	UNIV		103+30	UNIV	RT	116
103+66	UNIV		104+83	UNIV	RT	117
105+35	UNIV		105+49	UNIV	RT	15
105+49	UNIV		106+41	UNIV	RT	92
106+70	UNIV		109+61	UNIV	RT	291
110+05	UNIV		111+00	UNIV	RT	95
111+04	UNIV		111+71	UNIV	RT	73
247+34	WM		247+69	WM	RT	43
88+82	UNIV		89+14	UNIV	LT	32
90+25	UNIV		92+05	UNIV	LT	180
92+52	UNIV		92+76	UNIV	LT	24
93+17	UNIV		93+68	UNIV	LT	51
94+11	UNIV		94+44	UNIV	LT	33
94+98	UNIV		95+76	UNIV	LT	78
96+17	UNIV		96+25	UNIV	LT	8
96+66	UNIV		98+89	UNIV	LT	221
100+05	UNIV		100+35	UNIV	LT	30
100+87	UNIV		104+31	UNIV	LT	344
105+40	UNIV		107+90	UNIV	LT	250
10+16	MEADOW		10+91	MEADOW	LT	86
245+28	WM		245+74	WM	RT	51
				TOTAL		3,015

GAS VALVES TO BE ADJUSTED		
STATION	OFFSET	EACH
90+20.05	36.02' RT	1
93+43.16	38.80' RT	1
96+52.14	35.68' RT	1
102+08.66	38.86' RT	1
103+06.57	35.71' RT	1
103+17.08	36.57' RT	1
105+41.06	54.84' RT	1
TOTAL		7

SANITARY MANHOLES TO BE ADJUSTED*						
STATION	OFFSET	EX. RIM	PR. RIM	DIFF	EACH
89+10.54	8.96' RT	642.77	642.72	-0.05	1
91+85.55	8.60' RT	645.45	645.63	0.18	1
101+56.85	32.43' LT	641.99	642.09	0.10	1
103+57.44	32.49' LT	643.28	643.90	0.62	1
105+41.37	35.33' LT	644.99	645.15	0.16	1
110+95.16	36.30' LT	644.66	645.00	0.34	1
07+84.86	33.05' LT	643.40	643.40	0.00	1
				TOTAL	7

* TO BE ADJUSTED BY CONTRACTOR



NOTES:
1. SEE REMOVAL PLAN 1 OF 4 FOR REMOVAL LEGEND.

VALVE VAULT TO BE ADJUSTED*		
STATION	OFFSET	EACH
104+75.41	56.40' LT	1
TOTAL		1

* TO BE ADJUSTED BY CONTRACTOR

FIRE HYDRANTS TO BE RELOCATED		
STATION	OFFSET	EACH
89+75.46	40.46' RT	1
93+41.55	38.47' LT	1
101+46.35	38.64' RT	1
104+86.48	42.28' RT	1
TOTAL		4

UTILITY POLES TO BE RELOCATED		
STATION	OFFSET	EACH
UNIVERSITY		
90+26.58	38.70' RT	1
90+29.24	38.20' LT	1
91+04.76	37.84' LT	1
91+30.29	39.51' RT	1
92+48.01	38.09' RT	1
93+57.63	37.96' RT	1
94+32.62	36.80' LT	1
94+86.41	39.25' RT	1
96+04.90	37.88' RT	1
96+13.34	37.80' LT	1
97+31.53	37.70' LT	1
97+80.05	38.36' RT	1
99+86.71	38.67' RT	1
101+30.55	35.82' LT	1
101+50.51	38.36' RT	1
103+00.23	35.65' LT	1
104+82.06	40.98' RT	1
109+08.62	57.57' LT	1
MEADOWBROOK		
12+21.56	13.36' RT	1
TOTAL		19

WATER VALVES TO BE ADJUSTED		
STATION	OFFSET	EACH
87+95.14	27.14' LT	1
88+24.88	21.11' LT	1
89+73.07	17.72' LT	1
89+96.36	25.01' LT	1
90+36.97	19.38' LT	1
90+60.66	39.34' RT	1
90+71.93	18.15' LT	1
91+03.90	36.00' RT	1
91+36.42	34.30' RT	1
91+53.67	33.08' LT	1
93+42.04	20.36' LT	1
98+05.87	38.18' LT	1
98+23.71	35.38' LT	1
98+33.52	21.70' LT	1
101+46.18	28.22' RT	1
101+48.39	22.84' LT	1
104+42.11	37.90' RT	1
104+66.42	35.50' LT	1
104+66.67	34.45' LT	1
104+68.63	35.54' LT	1
104+68.85	36.27' LT	1
104+76.58	13.74' RT	1
104+79.08	31.69' LT	1
104+97.93	31.62' LT	1
104+99.58	34.06' RT	1
105+03.32	49.23' RT	1
105+17.79	32.38' LT	1
108+25.96	29.90' LT	1
108+97.62	30.22' LT	1
109+06.55	44.78' LT	1
109+08.46	30.13' LT	1
110+04.58	28.41' LT	1
TOTAL		32

ELECTRICAL UTILITIES TO BE ADJUSTED			
STATION	OFFSET	TYPE	DESC.
89+92.67	37.82' RT	JUNCTION BOX	ELEC
90+23.69	49.52' LT	JUNCTION BOX	COMM
91+76.97	22.74' LT	JUNCTION BOX	COMM
92+50.16	34.26' RT	SPLICE BOX	ELEC
98+22.14	23.52' LT	JUNCTION BOX	COMM
102+18.01	34.95' RT	HANDHOLE	ELEC
104+69.24	23.64' LT	JUNCTION BOX	COMM
110+32.59	60.71' RT	HANDHOLE	FIBER
111+59.19	71.39' RT	HANDHOLE	ELEC
TOTAL			9

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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

REMOVAL PLANS
MEADOWBROOK ROAD & WEST FLORENCE ACCESS ROAD

SCALE: 1" = 20' | SHEET 4 OF 4 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-EP	PEORIA	85	17
		CONTRACT NO.		
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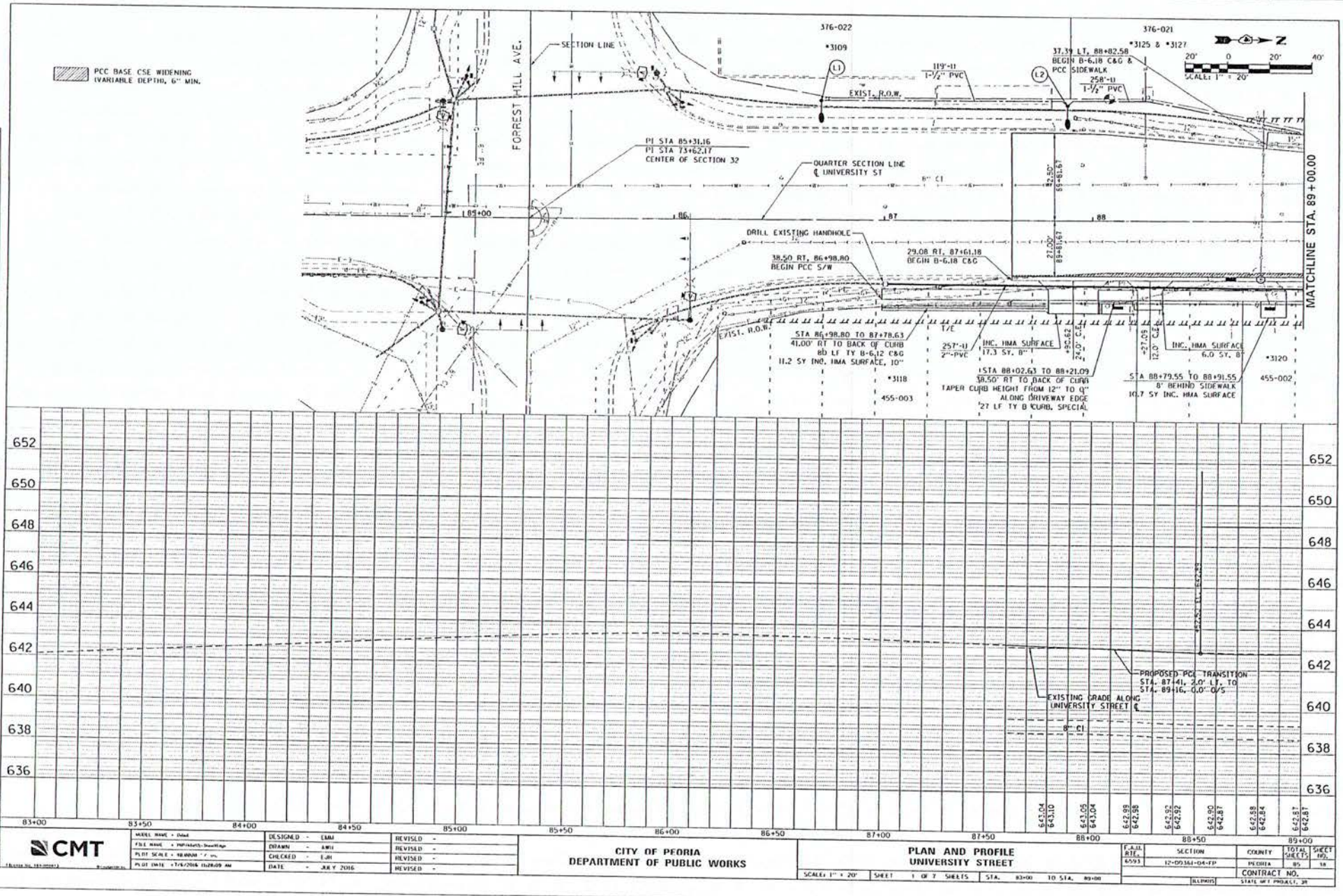

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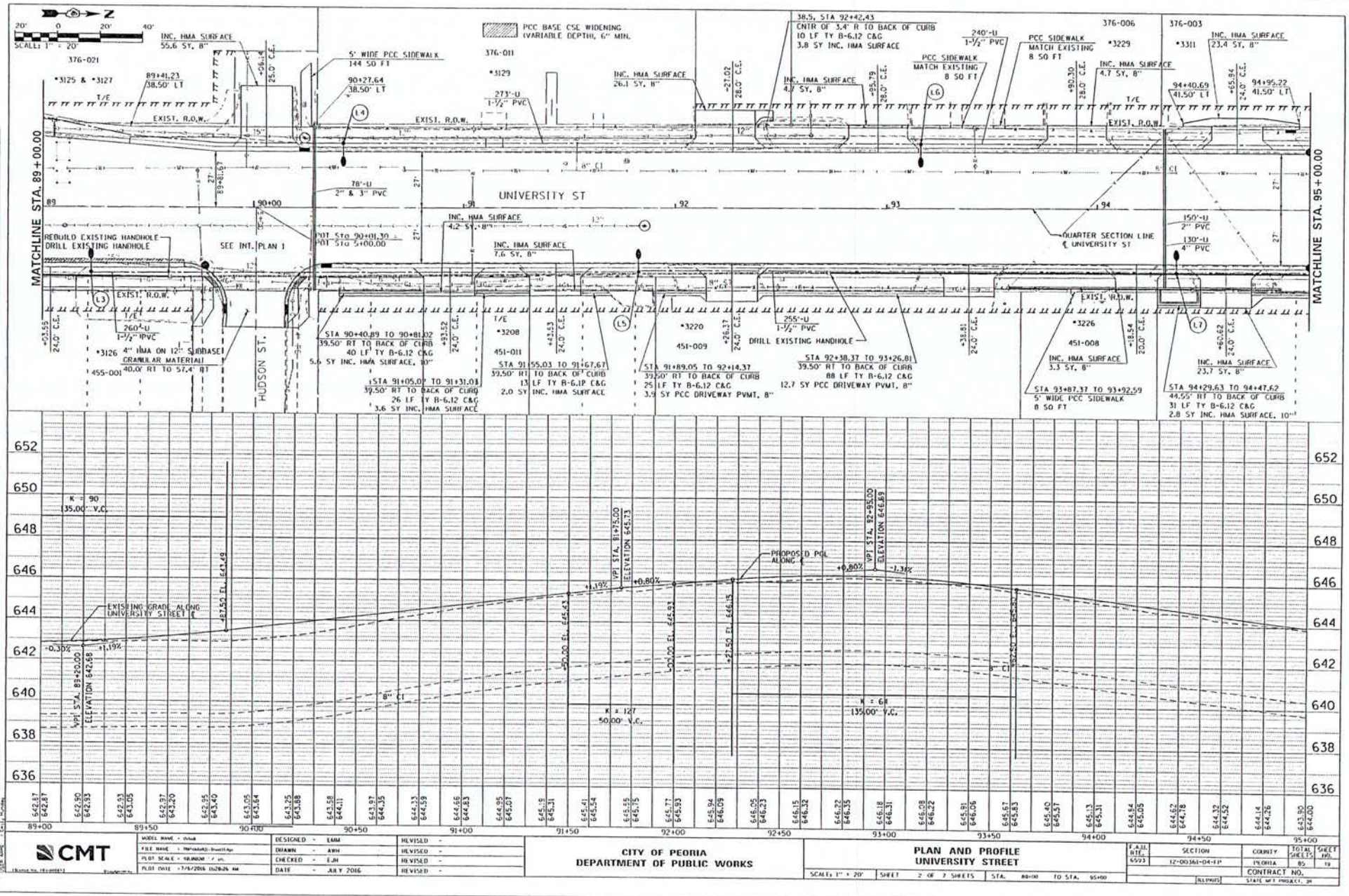
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 1 OF 7 SHEETS | STA. 83+00 TO STA. 89+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	18
		CONTRACT NO.		
	ILLINOIS	STATE MFT PROJECT, JR		



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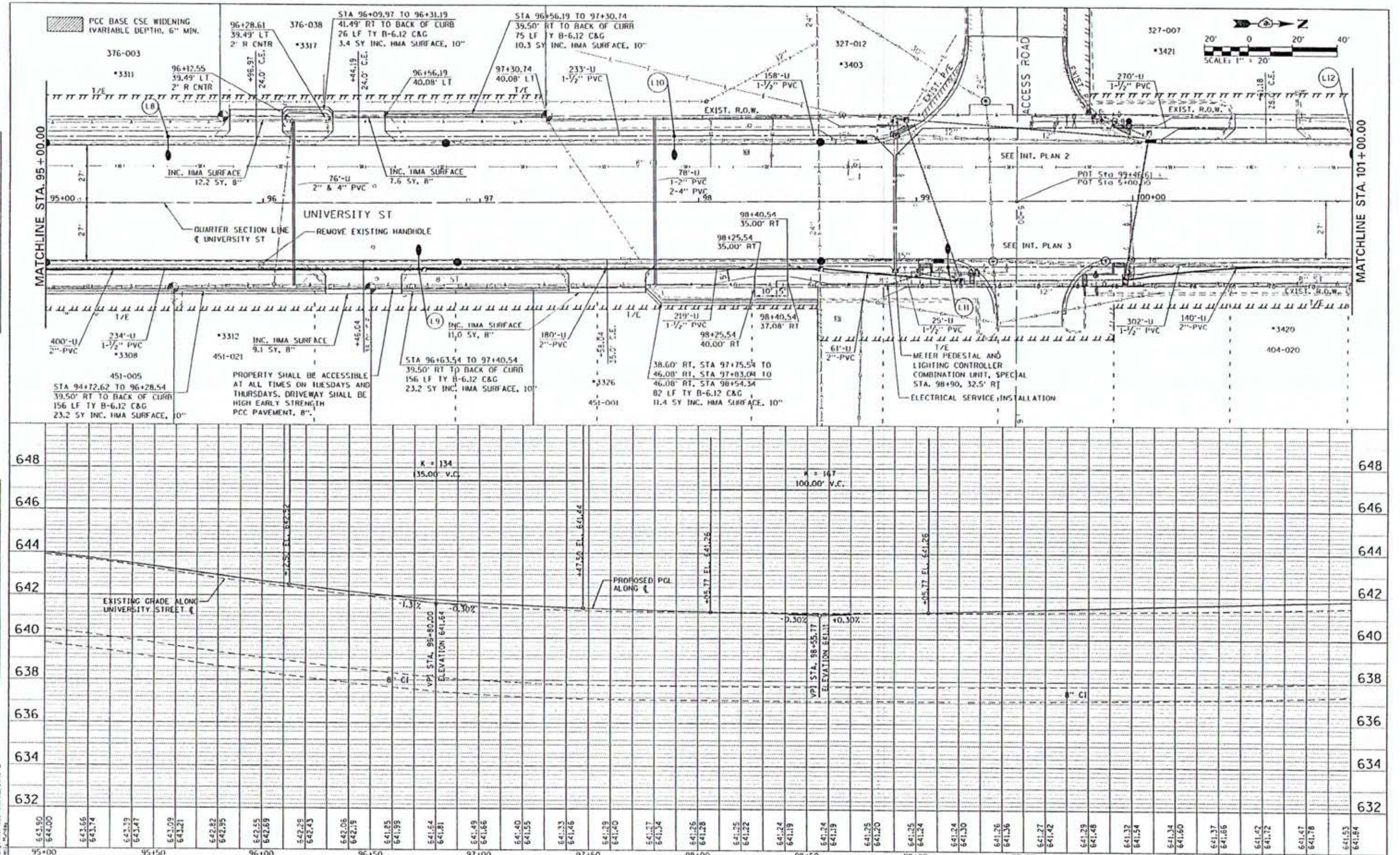
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 2 OF 7 SHEETS | STA. 89+00 TO STA. 95+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6923	12-00361-04-ES	PEORIA	85	19
		CONTRACT NO.		
	ILLINOIS	STATE MFT PROJECT, JN		



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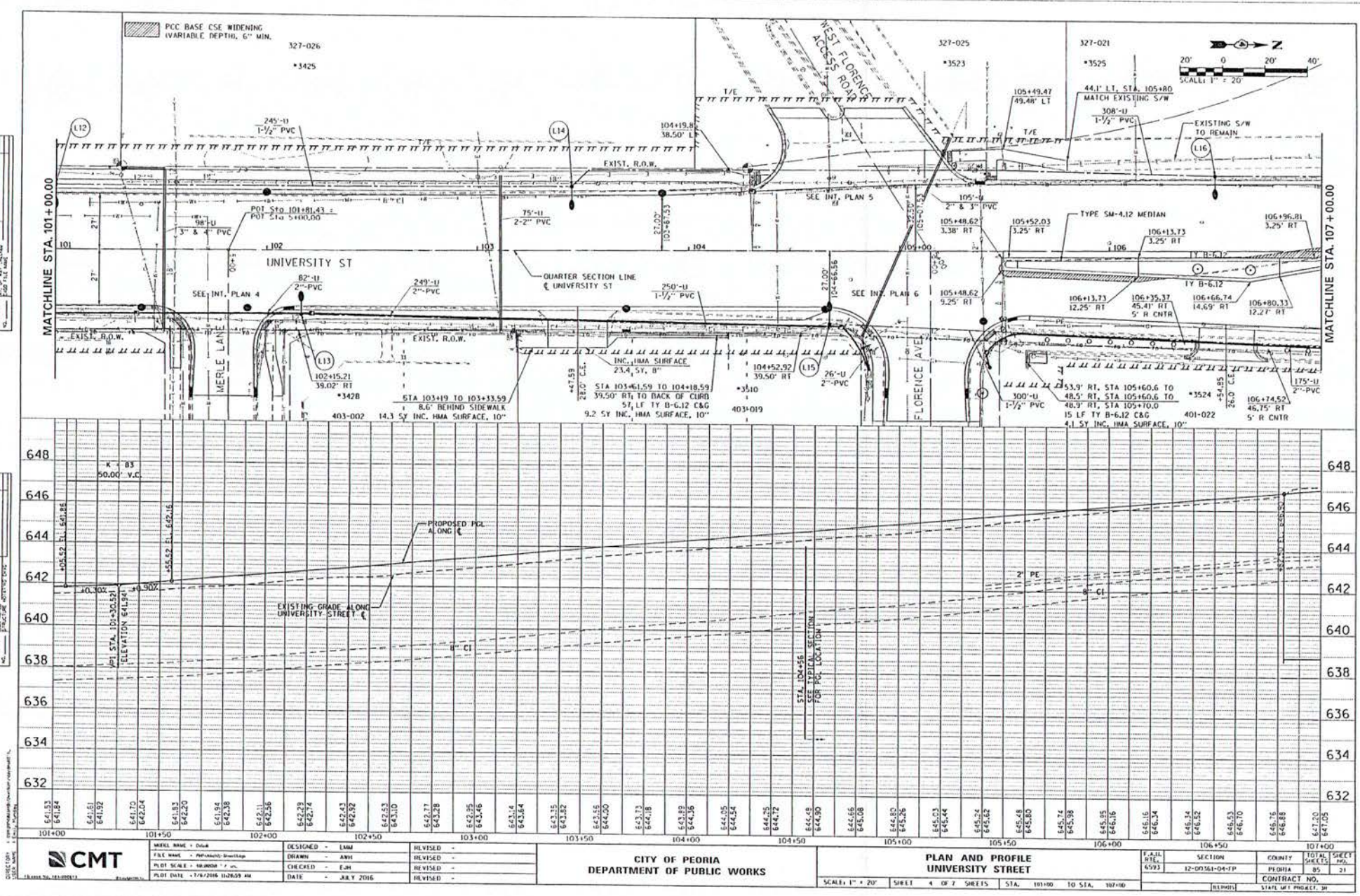
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 3 OF 7 SHEETS | STA. 95+00 TO STA. 101+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	20

CONTRACT NO.



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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
UNIVERSITY STREET

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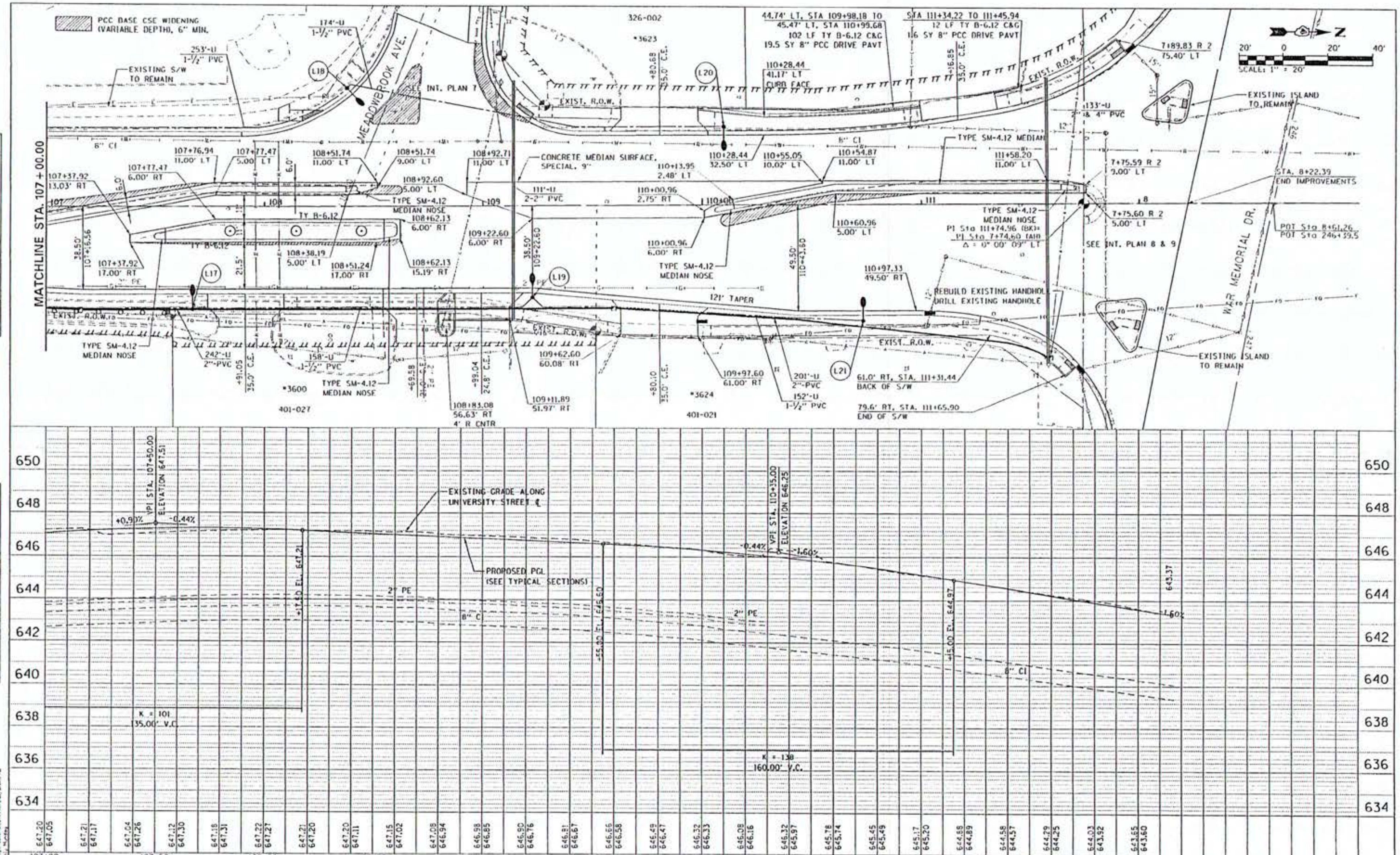
REVISED -
REVISED -

SCALE: 1" = 20' | SHEET 4 OF 7 SHEETS | STA. 101+00 TO STA. 107+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	21
	ILLINOIS	CONTRACT NO.		
		STATE WET PROJECT, 3H		



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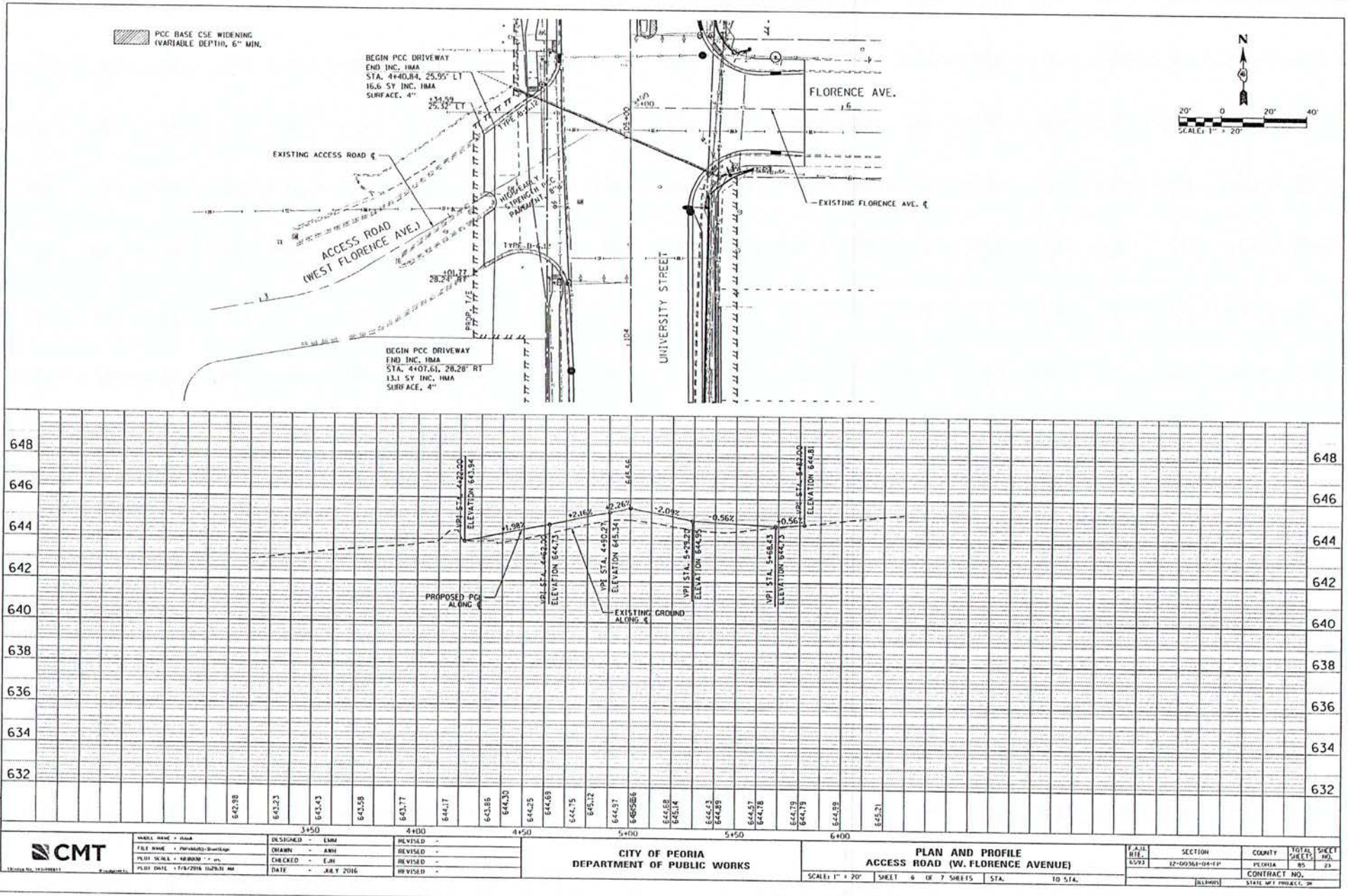
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 5 OF 7 SHEETS | STA. 107+00 TO STA. 8+22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	22
		CONTRACT NO.		
	ILLINOIS	STATE HPP PROJECT. 3H		



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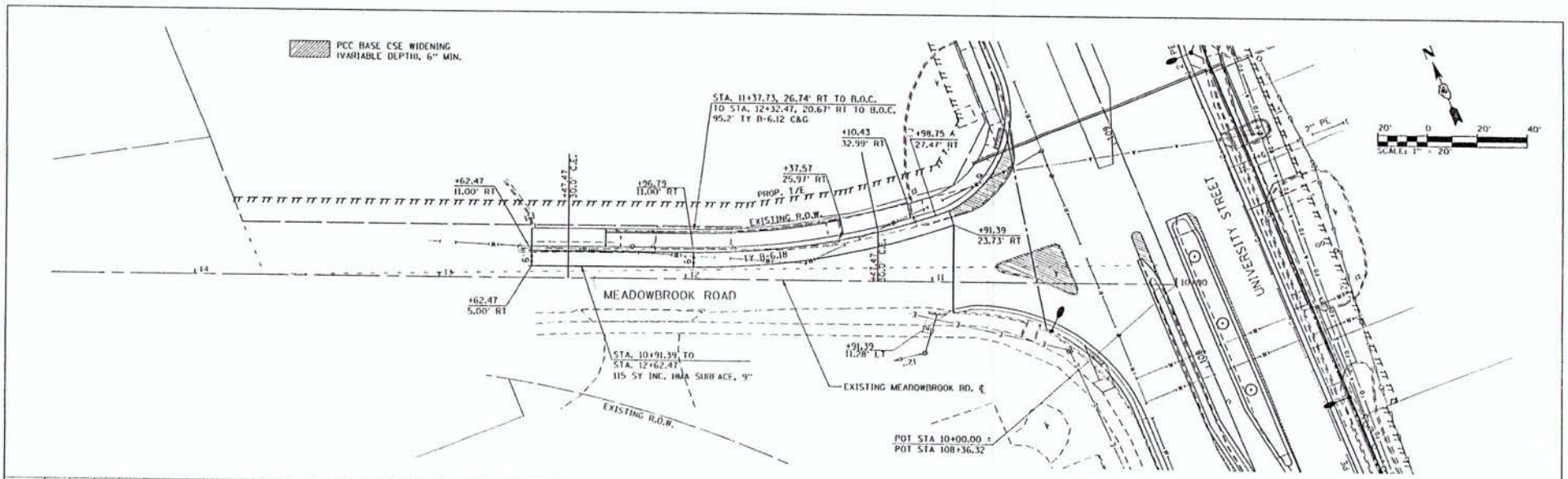
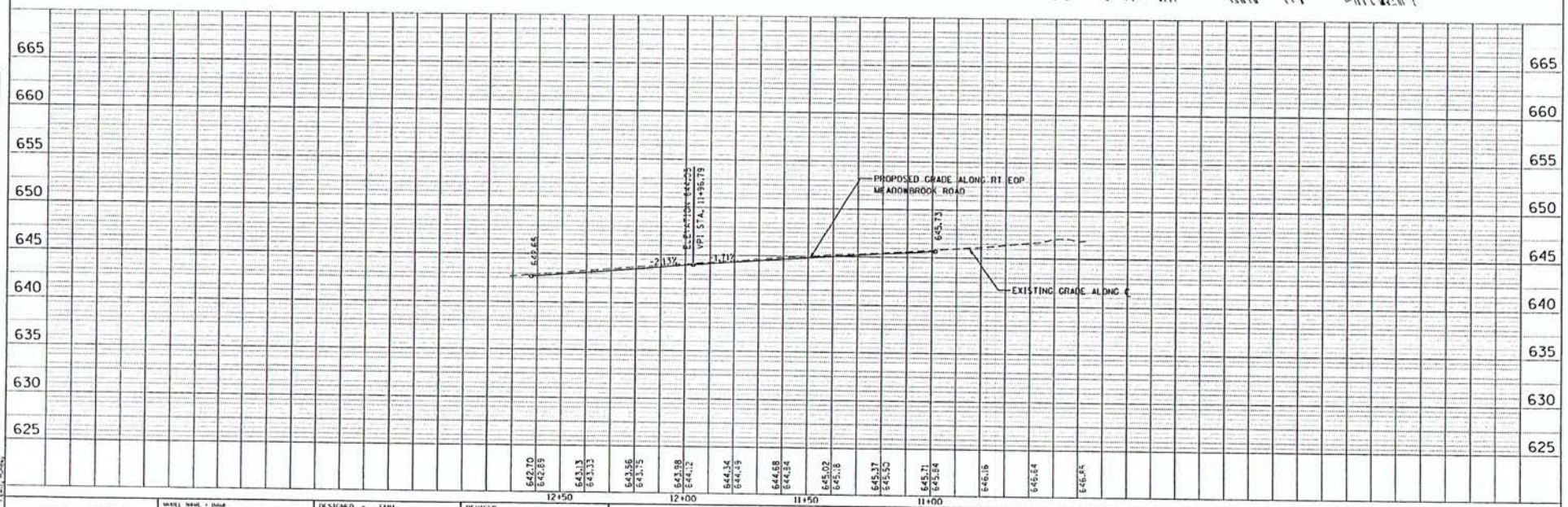
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
ACCESS ROAD (W. FLORENCE AVENUE)

SCALE: 1" = 20' | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-EP	PEORIA	85	23
		CONTRACT NO.		
	ILLINOIS	STATE MFT PROJECT, 3R		





CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

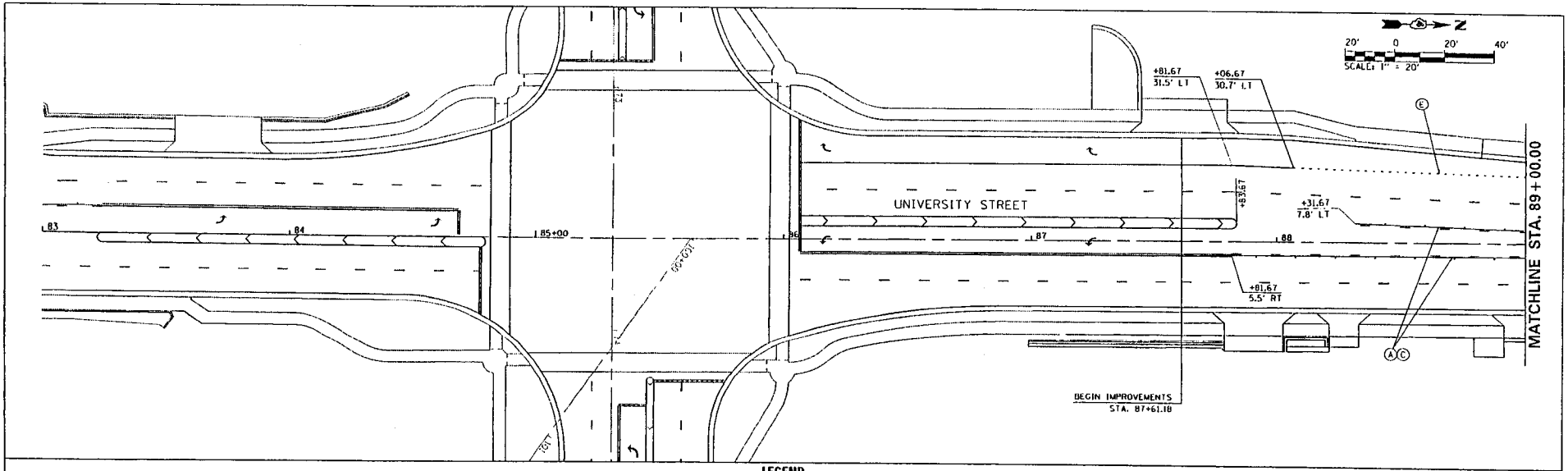
PLAN AND PROFILE
MEADOWBROOK ROAD

SCALE: 1" = 20' | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	24
		CONTRACT NO.		
	ILLINOIS	STATE MFT PROJECT, SH		

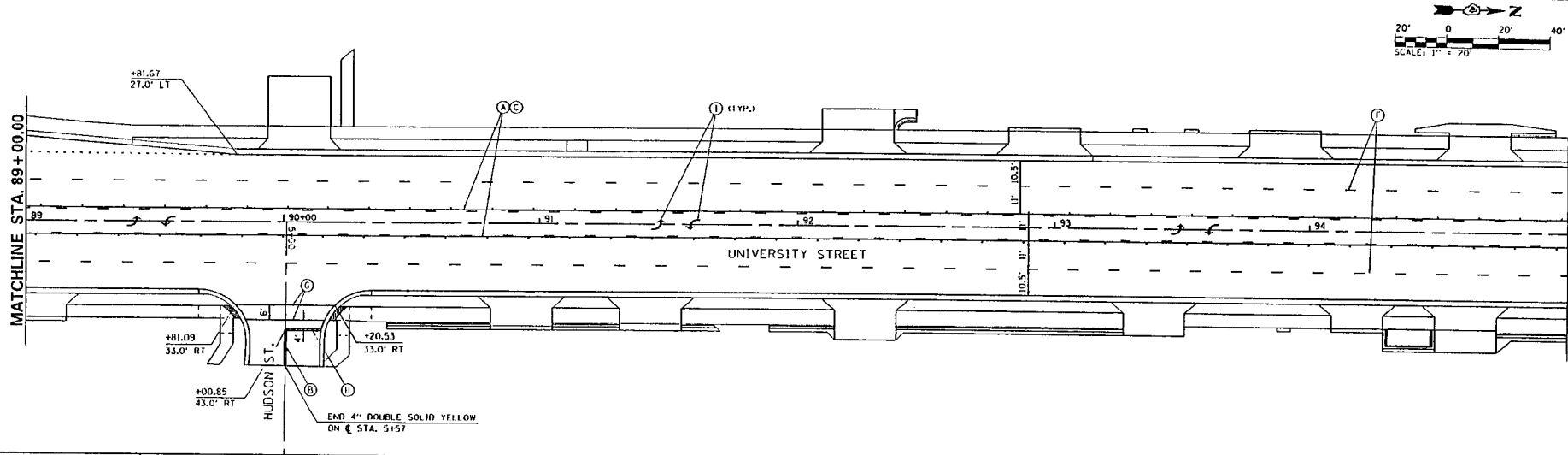
DESIGNED - LMM
DRAWN - AWH
CHECKED - EJH
DATE - JULY 2016

REVISED -
REVISED -
REVISED -
REVISED -



LEGEND

- (A) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (B) DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (C) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (D) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (E) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2' LONG, 6' GAP)
- (F) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (G) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (H) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- (I) WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS



CMT

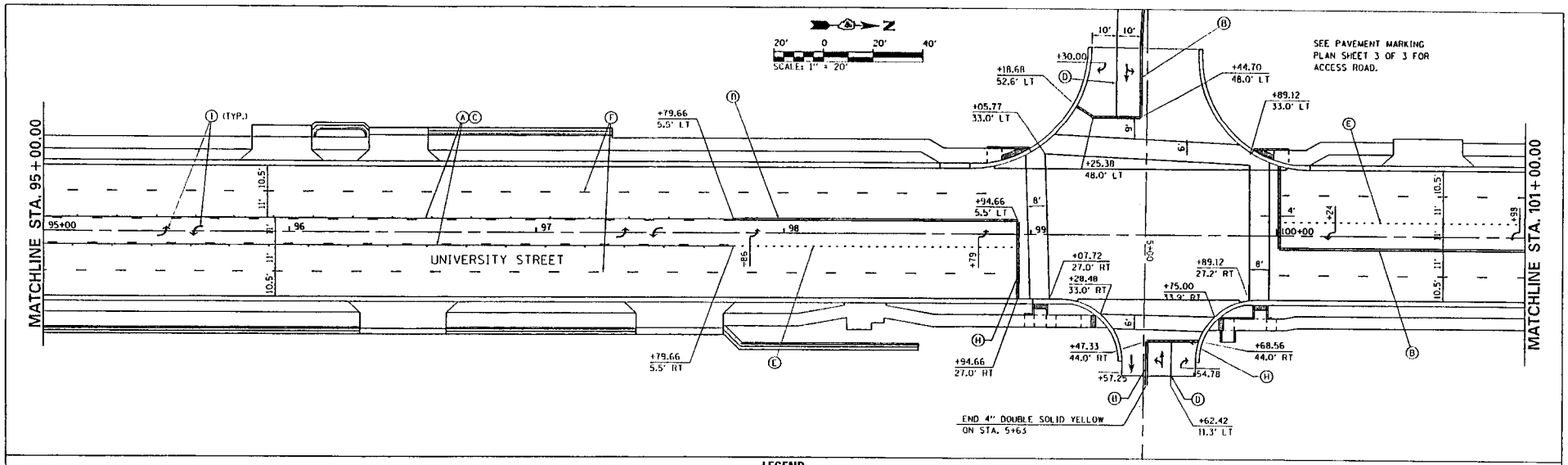
MODEL NAME =	DESIGNED - EMM	REVISED -
FILE NAME =	DRAWN - ANH	REVISED -
PLOT SCALE = 48.0000 ' / in.	CHECKED - KJH	REVISED -
PLOT DATE = 7/6/2016 11:36:05 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PAVEMENT MARKINGS PLANS
UNIVERSITY STREET

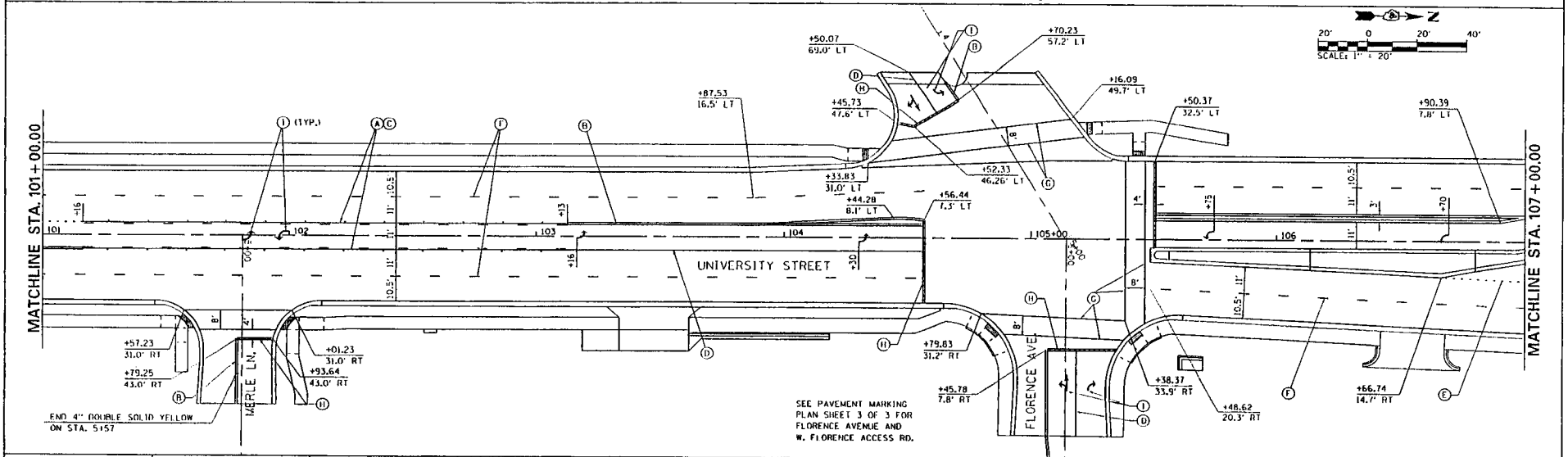
SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 83+00 TO STA. 95+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	28
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE AID PROJECT, 3R			



LEGEND

- (A) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (B) DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (C) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (D) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (E) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2' LONG, 6' GAP)
- (F) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (G) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (H) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- (I) WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS



CMT

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FILE NAME =	DRAWN - AWH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:30:23 AM	DATE - JULY 2016	REVISED -

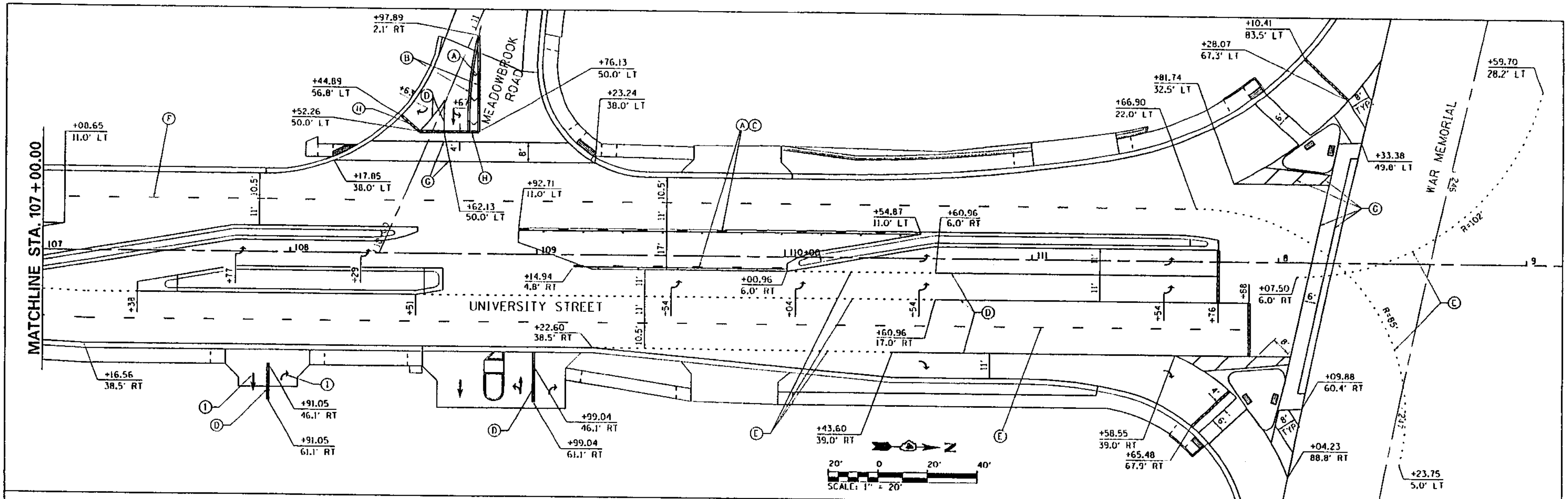
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PAVEMENT MARKINGS PLANS
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 95+00 TO STA. 107+00

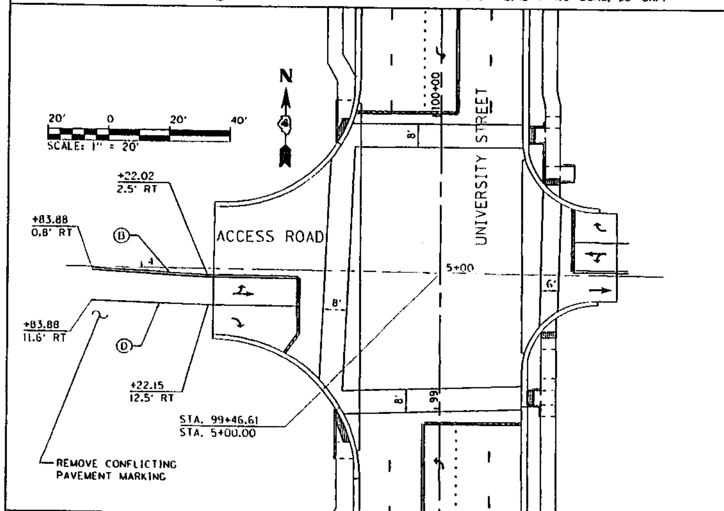
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	29
		CONTRACT NO.		

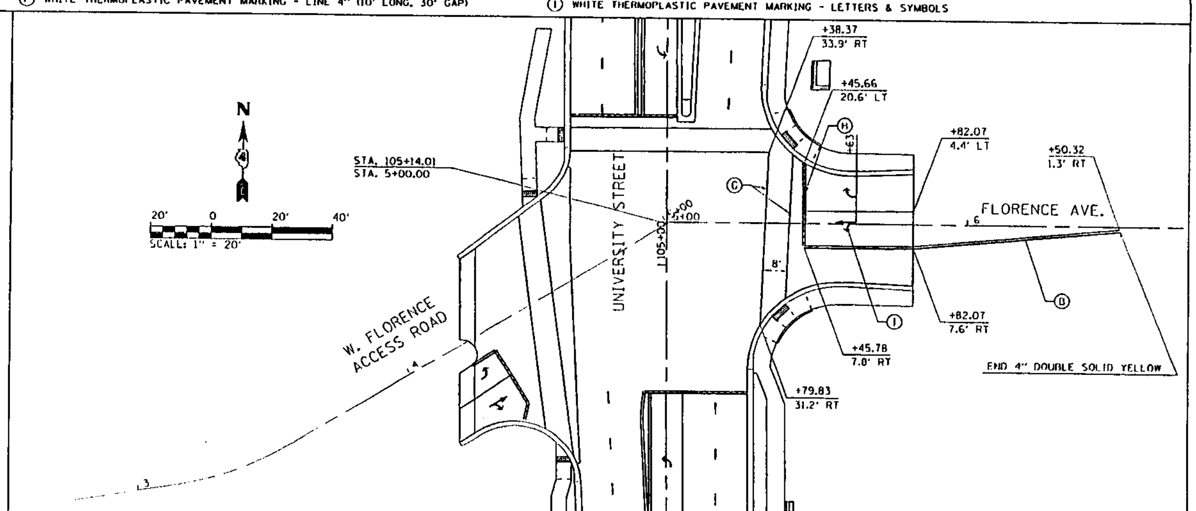
PHASE 02 | ILLINOIS STATE ROUTE PROJECT, 3R



LEGEND

- (A) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (B) DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (C) YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (D) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- (E) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2' LONG, 6' GAP)
- (F) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (G) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (H) WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- (I) WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS





CMT

MODEL NAME =	
FILE NAME =	
PLOT SCALE =	
PLOT DATE = 7/8/2016	

DESIGNED - EMM		REVISED -	
DRAWN - AWH		REVISED -	
CHECKED - EJH		REVISED -	
DATE - JULY 2016		REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PAVEMENT MARKINGS PLANS
UNIVERSITY STREET

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 95+00 TO STA. 9+00

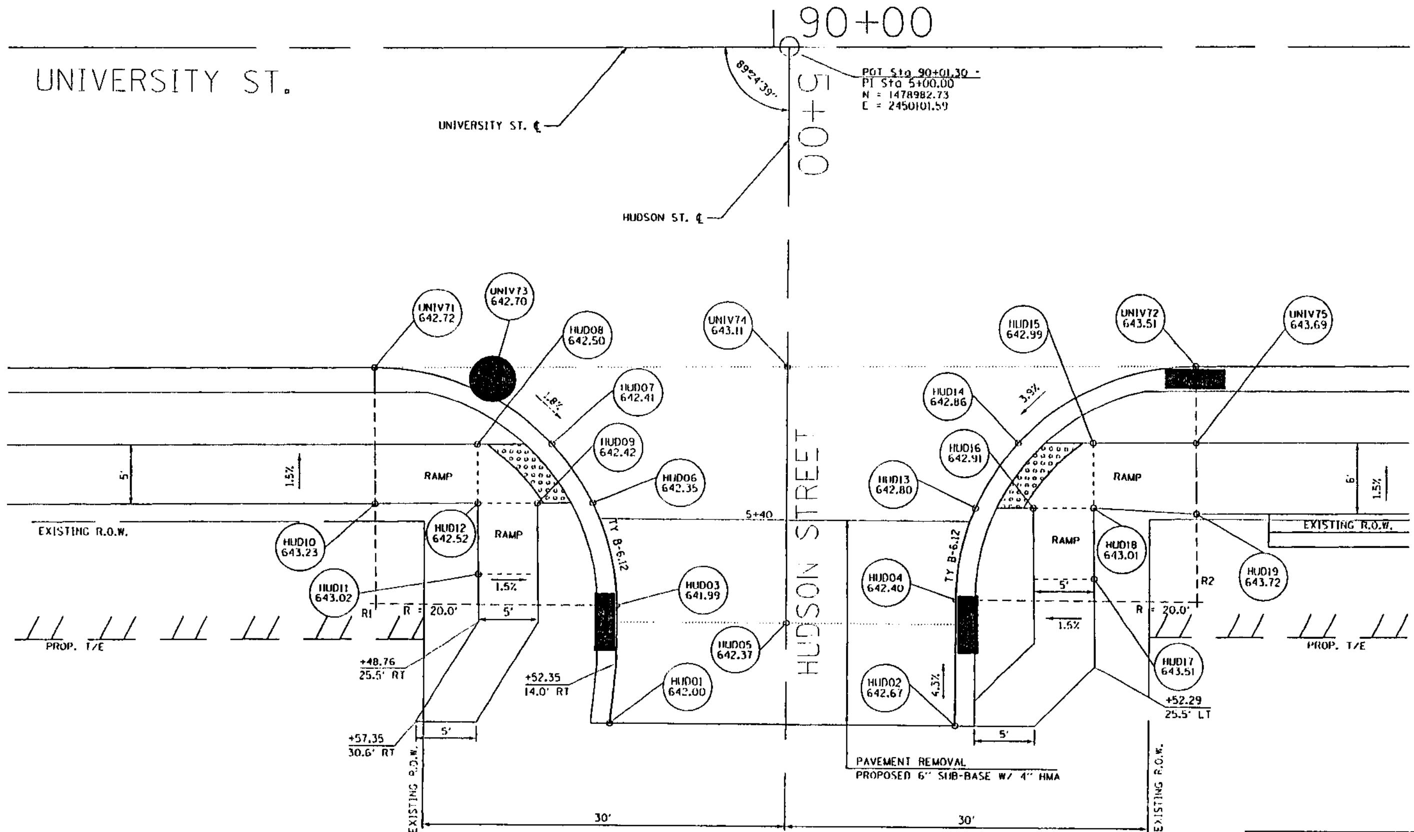
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	30

CONTRACT NO.

PHASE 02 | ILLINOIS | STATE AFT PROJECT

SCALE: 1" = 5'

RADIUS	NORTHING	EASTING
R1	1478948.09	2450148.48
R2	1479016.09	2450148.71



POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV71	89+66.81	27.0'	642.72	EOP
UNIV72	90+34.81	27.0'	643.51	EOP
UNIV73	89+76.63	28.0'	642.70	CB
UNIV74	90+01.02	27.0'	643.11	PAVT
UNIV75	90+34.81	33.5'	643.69	SW
HUD01	5+57.35	14.5'	642.00	EOP
HUD02	5+57.35	-14.0'	642.67	EOP
HUD03	5+47.35	14.0'	641.99	EOP
HUD04	5+46.65	-14.0'	642.40	EOP
HUD05	5+48.68	0.0'	642.37	PAVT
HUD06	5+38.67	16.0'	642.35	EOP

POINT	STATION	OFFSET	ELEVATION	FEATURE
HUD07	5+33.70	19.4'	642.41	EOP
HUD08	5+33.77	25.6'	642.50	SW
HUD09	5+38.71	20.6'	642.42	SW
HUD10	5+38.85	34.1'	643.23	SW
HUD11	5+44.76	25.5'	643.02	SW
HUD12	5+38.76	25.6'	642.52	SW
HUD13	5+38.84	-15.6'	642.80	EOP
HUD14	5+33.31	-19.1'	642.86	EOP
HUD15	5+33.24	-25.3'	642.99	SW
HUD16	5+38.70	-20.4'	642.91	SW
HUD17	5+44.74	-25.5'	643.51	SW
HUD18	5+38.74	-25.4'	643.01	SW
HUD19	5+39.15	-33.9'	643.72	SW

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

MODEL NAME = Detail	DESIGNED - EMM	REVISED -
FILE NAME =	DRAWN - AWH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:30:57 AM	DATE - JULY 2016	REVISED -

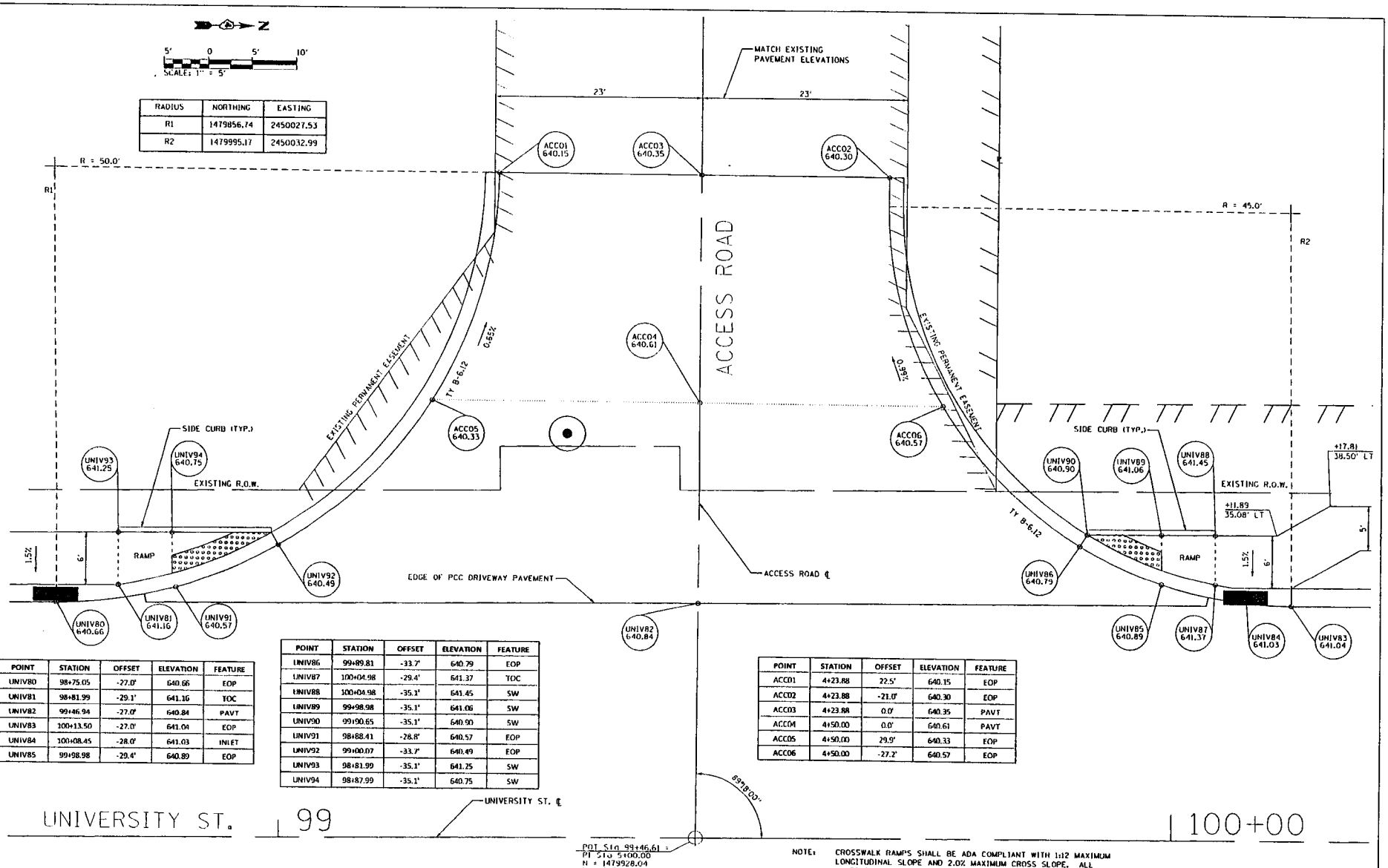
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

INTERSECTION DETAIL
UNIVERSITY ST. & HUDSON AVE.

SCALE: 1" = 5' | SHEET 1 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	31

CONTRACT NO.
PHASE 02 | ILLINOIS STATE AFT PROJECT, JR



RADIUS	NORTHING	EASTING
R1	1479856.74	2450027.53
R2	1479995.17	2450032.99

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV80	98+75.05	-27.0'	640.66	EOP
UNIV81	98+81.99	-29.1'	641.16	TOC
UNIV82	99+46.94	-27.0'	640.84	PAVT
UNIV83	100+13.50	-27.0'	641.04	EOP
UNIV84	100+08.45	-28.0'	641.03	INLET
UNIV85	99+98.98	-29.4'	640.89	EOP

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV86	99+89.81	-33.7'	640.79	EOP
UNIV87	100+04.98	-29.4'	641.37	TOC
UNIV88	100+04.98	-35.1'	641.45	SW
UNIV89	99+98.98	-35.1'	641.06	SW
UNIV90	99+90.65	-35.1'	640.90	SW
UNIV91	98+88.41	-28.8'	640.57	EOP
UNIV92	99+00.07	-33.7'	640.49	EOP
UNIV93	98+81.99	-35.1'	641.25	SW
UNIV94	98+87.99	-35.1'	640.75	SW

POINT	STATION	OFFSET	ELEVATION	FEATURE
ACC01	4+23.88	22.5'	640.15	EOP
ACC02	4+23.88	-21.0'	640.30	EOP
ACC03	4+23.88	0.0'	640.35	PAVT
ACC04	4+50.00	0.0'	640.61	PAVT
ACC05	4+50.00	29.9'	640.33	EOP
ACC06	4+50.00	-27.2'	640.57	EOP

POT Sta 99+46.61 =
PI Sta 5+00.00
N = 1479928.04
E = 2450104.77

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

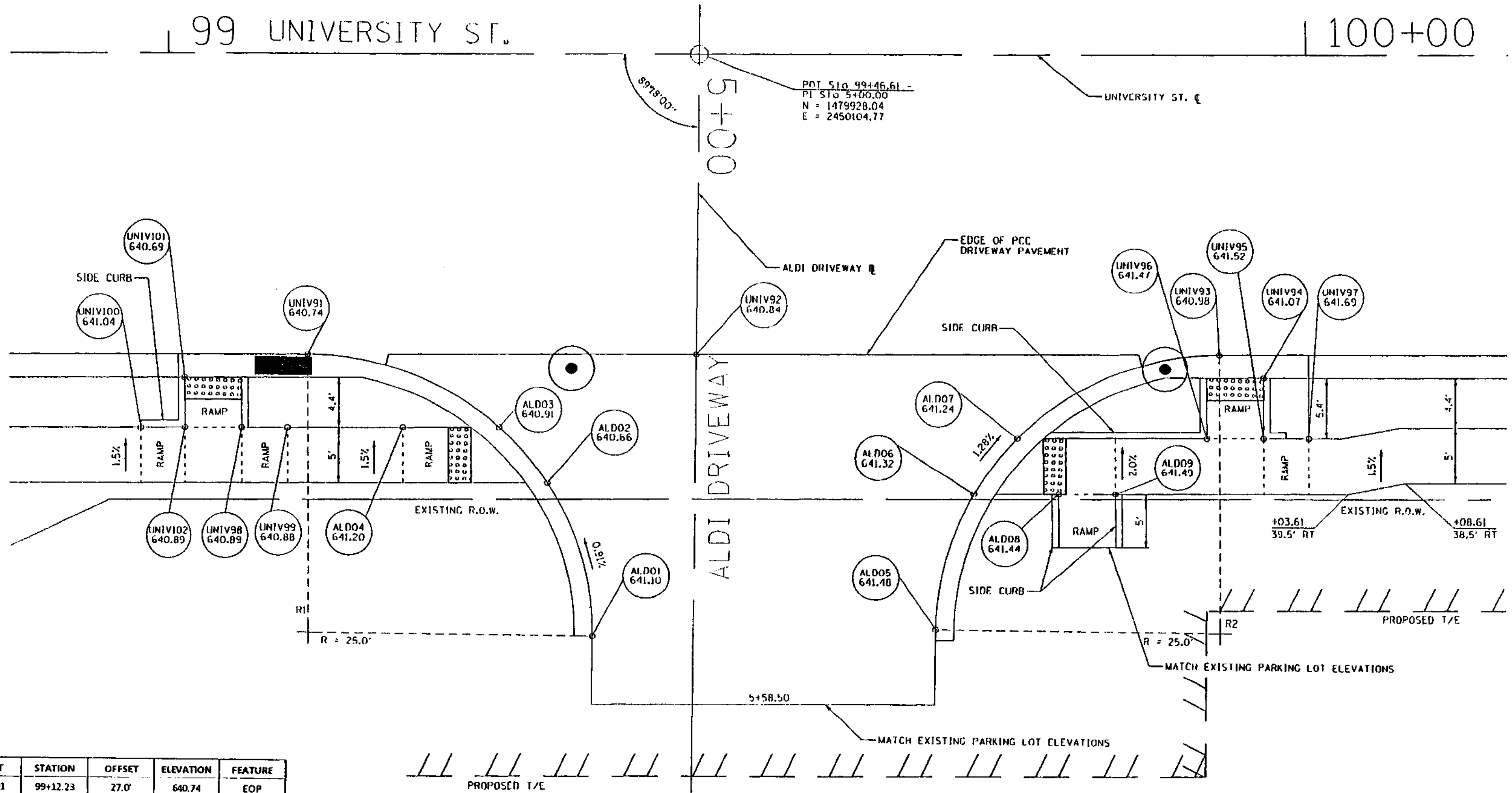
MODEL NAME = Default	DESIGNED - EMM	REVISED -	
FILE NAME = ...\Plan-Access.dgn	DRAWN - AWH	REVISED -	
PLOT SCALE = ...	CHECKED - EJH	REVISED -	
PLOT DATE = ...	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

INTERSECTION DETAIL
UNIVERSITY ST. & ACCESS ROAD

SCALE: 1" = 5' | SHEET 2 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6993	12-00361-04-FP	PEORIA	85	32
		CONTRACT NO.		
PHASE OF	ILLINOIS STATE ROUTE PROJECT, JR			



POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV91	99+12.23	27.0'	640.74	EOP
UNIV92	99+46.28	27.0'	640.84	PAVT
UNIV93	99+92.23	27.0'	640.98	EOP
UNIV94	99+96.12	29.1'	641.07	TOC
UNIV95	99+96.12	34.5'	641.52	SW
UNIV96	99+91.12	34.5'	641.47	SW
UNIV97	100+00.12	34.5'	641.69	SW
UNIV98	99+06.41	33.5'	640.89	SW
UNIV99	99+10.41	33.5'	640.88	SW
UNIV100	98+97.42	33.5'	641.04	SW
UNIV101	99+01.42	29.1'	640.69	SW
UNIV102	99+01.42	33.5'	640.89	SW

POINT	STATION	OFFSET	ELEVATION	FEATURE
ALD01	5+52.42	8.8'	641.10	EOP
ALD02	5+38.66	12.9'	640.97	EOP
ALD03	5+33.71	17.2'	640.91	EOP
ALD04	5+33.82	25.6'	641.20	SW
ALD05	5+51.44	-21.3'	641.48	EOP
ALD06	5+39.20	-24.4'	641.32	EOP
ALD07	5+34.16	-28.2'	641.24	EOP
ALD08	5+39.11	-31.9'	641.44	SW
ALD09	5+39.05	-36.9'	641.49	SW

SCALE: 1" = 5'

RADIUS	NORTHING	EASTING
R1	1479893.48	2450156.66
R2	1479973.48	2450156.93

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

DESIGNED - EMM | DRAWN - AWH | CHECKED - EJH | DATE - JULY 2016

REVISED - | REVISED - | REVISED - | REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

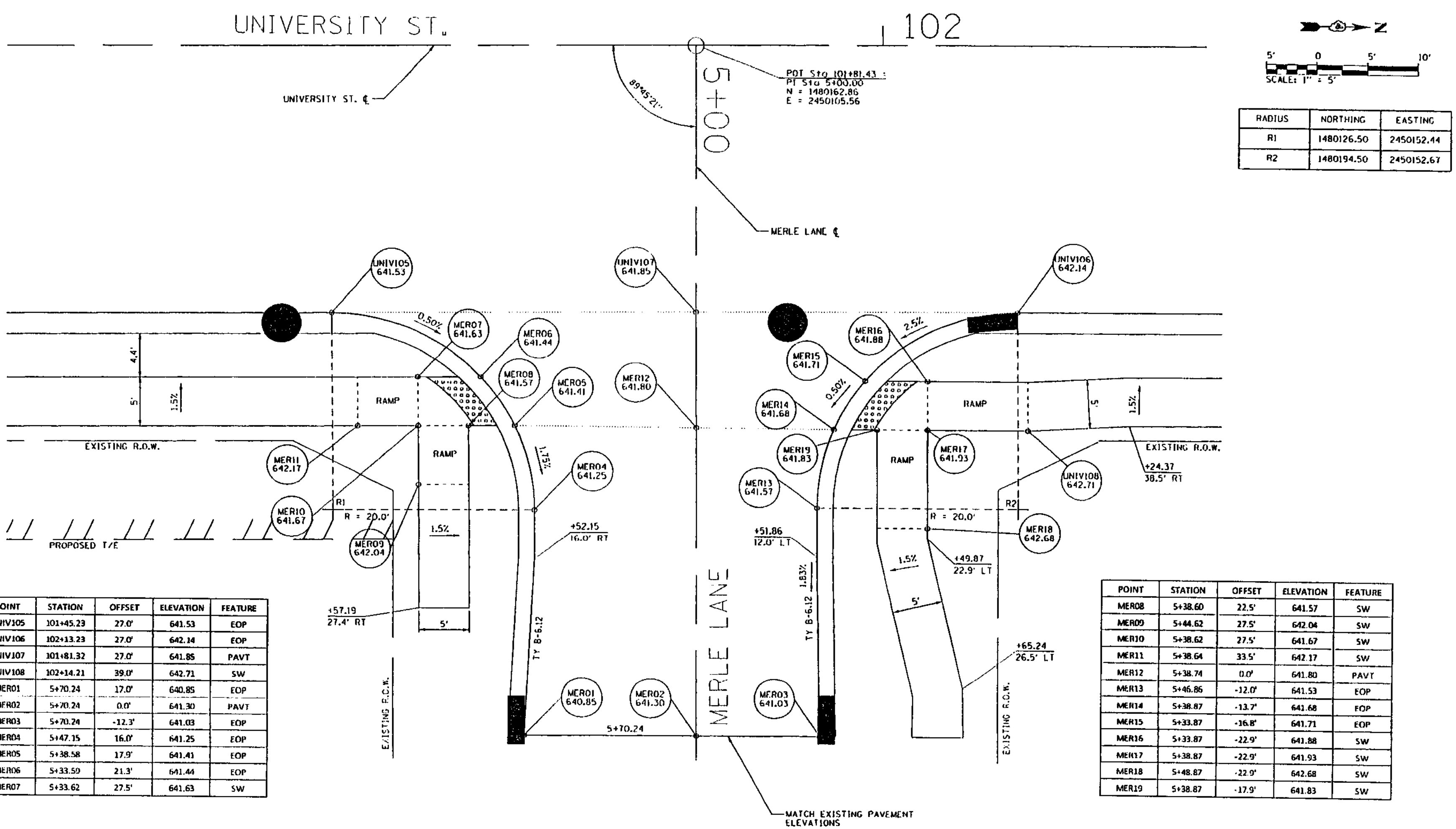
INTERSECTION DETAIL
UNIVERSITY ST. & ALDI ENTRANCE

SCALE: 1" = 5' | SHEET 3 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	33

CONTRACT NO.

PHASE 02 | ILLINOIS | STATE | AID PROJECT



RADIUS	NORTHING	EASTING
R1	1480126.50	2450152.44
R2	1480194.50	2450152.67

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV105	101+45.23	27.0'	641.53	EOP
UNIV106	102+13.23	27.0'	642.14	EOP
UNIV107	101+81.32	27.0'	641.85	PAVT
UNIV108	102+14.21	39.0'	642.71	SW
MER01	5+70.24	17.0'	640.85	EOP
MER02	5+70.24	0.0'	641.30	PAVT
MER03	5+70.24	-12.3'	641.03	EOP
MER04	5+47.15	16.0'	641.25	EOP
MER05	5+38.58	17.9'	641.41	EOP
MER06	5+33.59	21.3'	641.44	EOP
MER07	5+33.62	27.5'	641.63	SW

POINT	STATION	OFFSET	ELEVATION	FEATURE
MER08	5+38.60	22.5'	641.57	SW
MER09	5+44.62	27.5'	642.04	SW
MER10	5+38.62	27.5'	641.67	SW
MER11	5+38.64	33.5'	642.17	SW
MER12	5+38.74	0.0'	641.80	PAVT
MER13	5+46.86	-12.0'	641.53	EOP
MER14	5+38.87	-13.7'	641.68	EOP
MER15	5+33.87	-16.8'	641.71	EOP
MER16	5+33.87	-22.9'	641.88	SW
MER17	5+38.87	-22.9'	641.93	SW
MER18	5+48.87	-22.9'	642.68	SW
MER19	5+38.87	-17.9'	641.83	SW

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

MODEL NAME = Default	DESIGNED - EMM	REVISED -	
FILE NAME	DRAWN - AWH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2016 11:31:45 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

INTERSECTION DETAIL
UNIVERSITY ST. & MERLE LANE

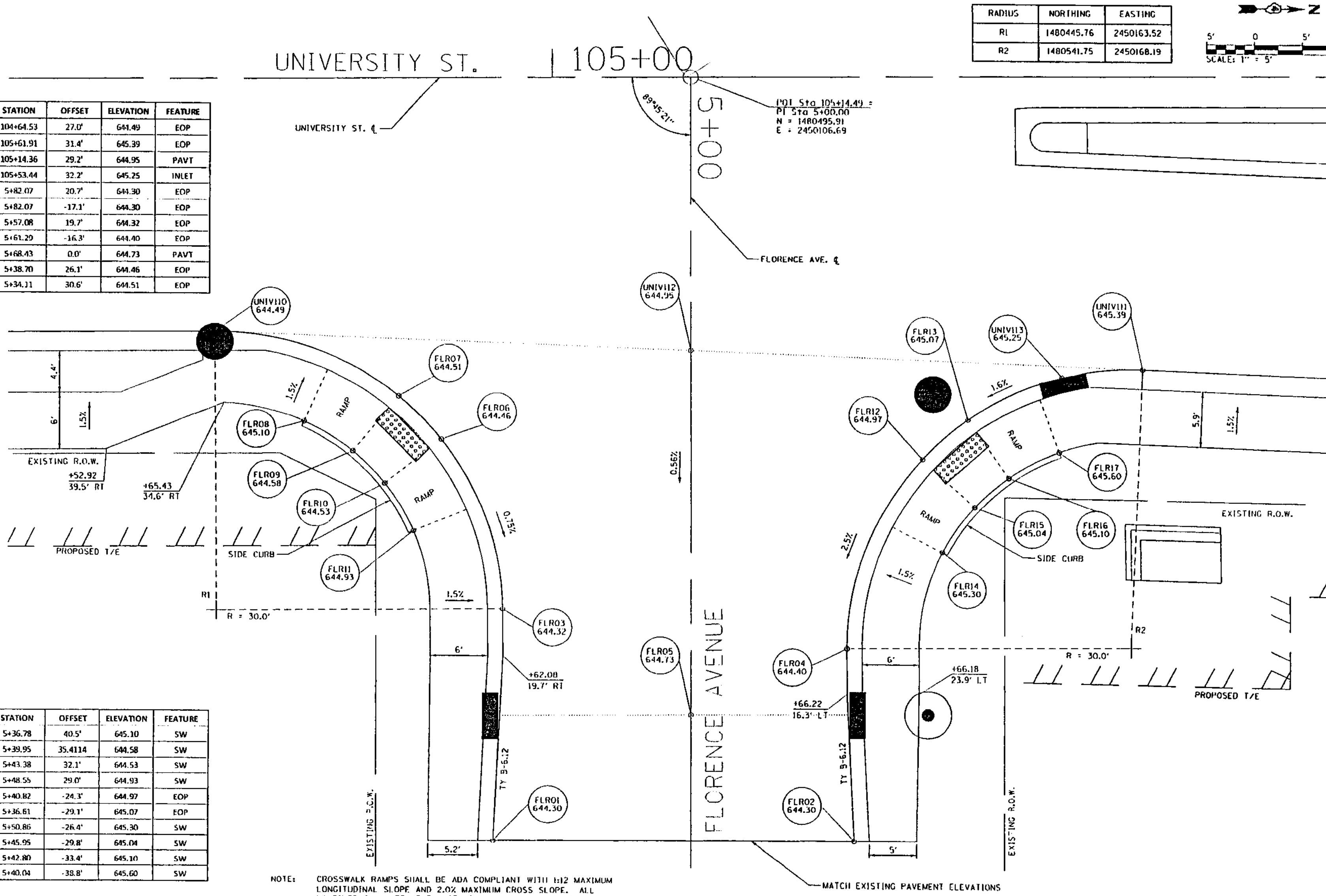
SCALE: 1" = 5' | SHEET 4 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6595	12-00361-04-FP	PEORIA	85	34
		CONTRACT NO.		

PHASE 02 | ILLINOIS STATE FED. PROJECT

RADIUS	NORTHING	EASTING
R1	1480445.76	2450163.52
R2	1480541.75	2450168.19

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV110	104+64.53	27.0'	644.49	EOP
UNIV111	105+61.91	31.4'	645.39	EOP
UNIV112	105+14.36	29.2'	644.95	PAVT
UNIV113	105+53.44	32.2'	645.25	INLET
FLR01	5+82.07	20.7'	644.30	EOP
FLR02	5+82.07	-17.1'	644.30	EOP
FLR03	5+57.08	19.7'	644.32	EOP
FLR04	5+61.29	-16.3'	644.40	EOP
FLR05	5+68.43	0.0'	644.73	PAVT
FLR06	5+38.70	26.1'	644.46	EOP
FLR07	5+34.11	30.6'	644.51	EOP



POINT	STATION	OFFSET	ELEVATION	FEATURE
FLR08	5+36.78	40.5'	645.10	SW
FLR09	5+39.95	35.4114	644.58	SW
FLR10	5+43.38	32.1'	644.53	SW
FLR11	5+48.55	29.0'	644.93	SW
FLR12	5+40.82	-24.3'	644.97	EOP
FLR13	5+36.61	-29.1'	645.07	EOP
FLR14	5+50.86	-26.4'	645.30	SW
FLR15	5+45.95	-29.8'	645.04	SW
FLR16	5+42.80	-33.4'	645.10	SW
FLR17	5+40.04	-38.8'	645.60	SW

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

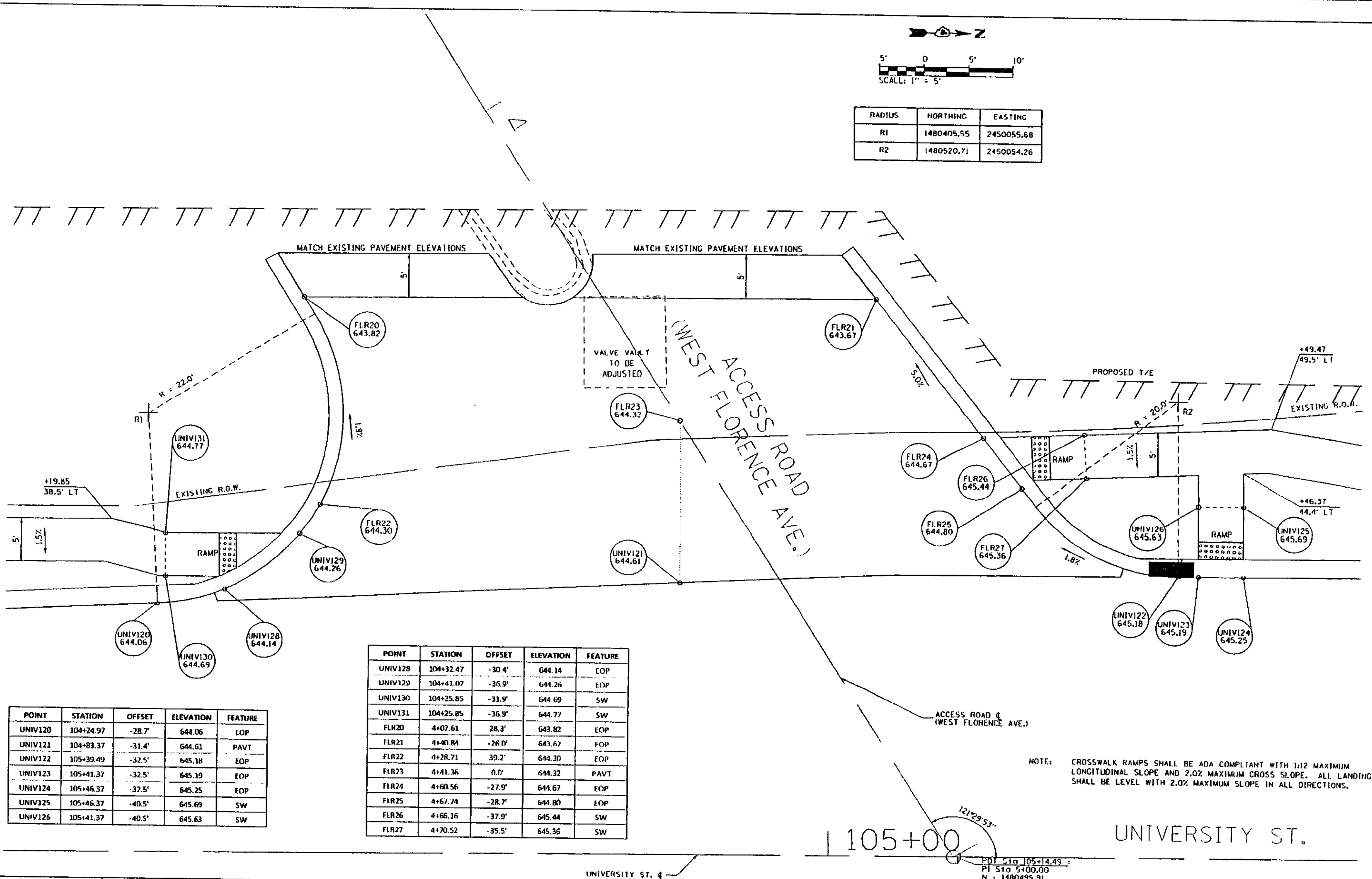
MODEL NAME: Data	DESIGNED - EMM	REVISED -	CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS
FILE NAME	DRAWN - AWH	REVISED -	
PLOT SCALE	CHECKED - EJH	REVISED -	
PLOT DATE: 7/6/2016 11:32:01 AM	DATE - JULY 2016	REVISED -	

INTERSECTION DETAIL
UNIVERSITY ST. & FLORENCE AVE.

SCALE: 1" = 5' | SHEET 5 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	35
		CONTRACT NO.		

PHASE 02 | ILLINOIS STATE AID PROJECT



RADIUS	NORTHING	EASTING
R1	1480405.55	2450055.68
R2	1480520.71	2450054.26

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV120	104+24.97	-28.7'	644.06	EOP
UNIV121	104+83.37	-31.4'	644.61	PAVT
UNIV122	105+39.49	-32.5'	645.18	EOP
UNIV123	105+41.37	-32.5'	645.19	EOP
UNIV124	105+46.37	-32.5'	645.25	EOP
UNIV125	105+46.37	-40.5'	645.69	SW
UNIV126	105+41.37	-40.5'	645.63	SW

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV128	104+32.47	-30.4'	644.14	EOP
UNIV129	104+41.07	-36.9'	644.26	EOP
UNIV130	104+25.85	-31.9'	644.69	SW
UNIV131	104+25.85	-36.9'	644.77	SW
FLR20	4+07.61	28.3'	643.82	EOP
FLR21	4+40.84	-26.0'	643.67	EOP
FLR22	4+28.71	39.2'	644.30	EOP
FLR23	4+41.36	0.0'	644.32	PAVT
FLR24	4+60.56	-27.9'	644.67	EOP
FLR25	4+67.74	-28.7'	644.80	EOP
FLR26	4+66.16	-37.9'	645.44	SW
FLR27	4+70.52	-35.5'	645.36	SW

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

MODEL NAME = Detail	DESIGNED - EMM	REVISED -	
FILE NAME = ...Florence_Road.dgn	DRAWN - AWH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2016 11:32:17 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

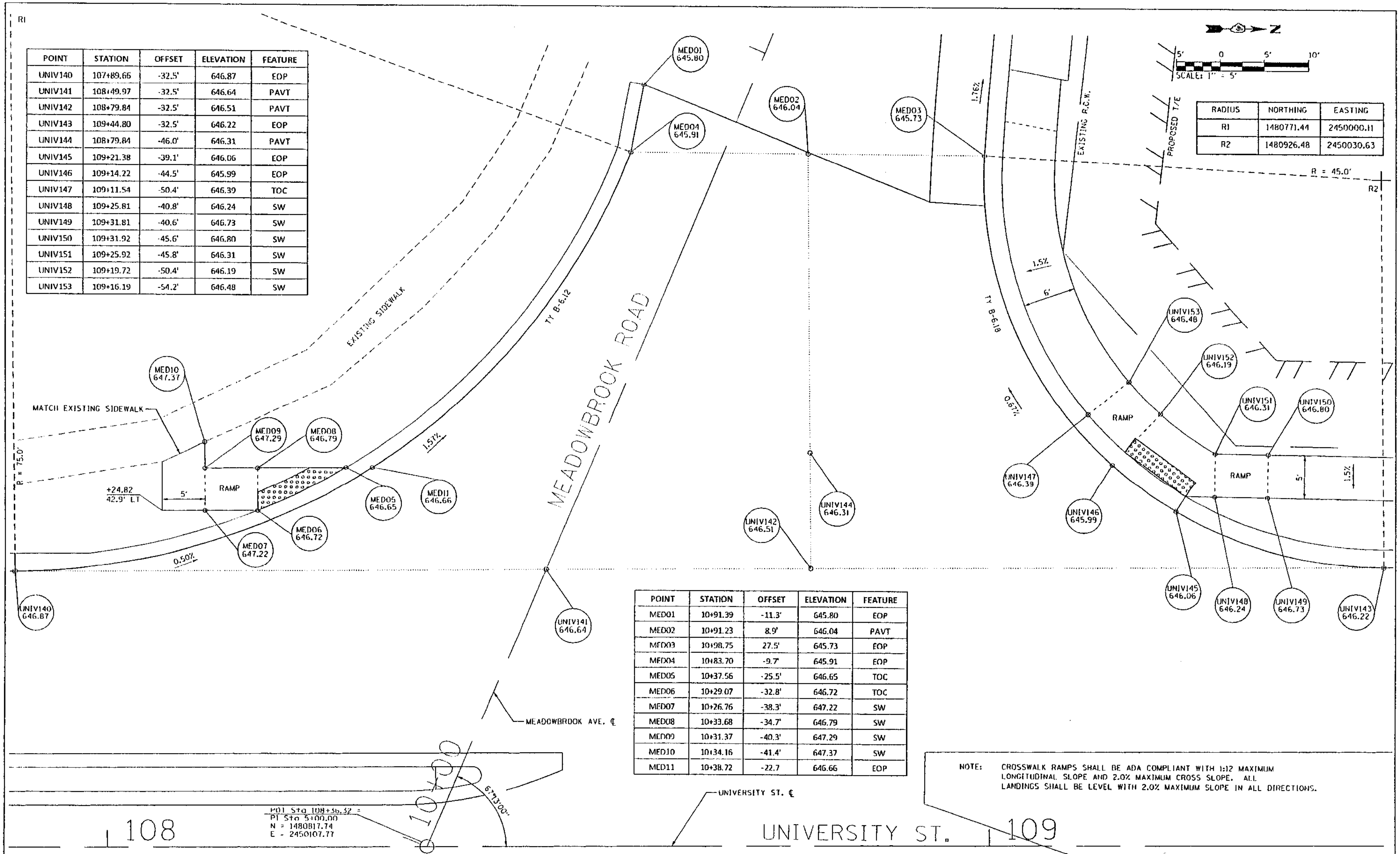
INTERSECTION DETAIL
UNIVERSITY ST. & ACCESS ROAD (WEST FLORENCE AVE.)

SCALE: 1" = 5' | SHEET 6 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	36

CONTRACT NO.

PHASE 02 | ILLINOIS | STATE MFT PROJECT, 3A



POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV140	107+89.66	-32.5'	646.87	EOP
UNIV141	108+49.97	-32.5'	646.64	PAVT
UNIV142	108+79.84	-32.5'	646.51	PAVT
UNIV143	109+44.80	-32.5'	646.22	EOP
UNIV144	108+79.84	-46.0'	646.31	PAVT
UNIV145	109+21.38	-39.1'	646.06	EOP
UNIV146	109+14.22	-44.5'	645.99	EOP
UNIV147	109+11.54	-50.4'	646.39	TOC
UNIV148	109+25.81	-40.8'	646.24	SW
UNIV149	109+31.81	-40.6'	646.73	SW
UNIV150	109+31.92	-45.6'	646.80	SW
UNIV151	109+25.92	-45.8'	646.31	SW
UNIV152	109+19.72	-50.4'	646.19	SW
UNIV153	109+16.19	-54.2'	646.48	SW

RADIUS	NORTHING	EASTING
R1	1480771.44	2450000.11
R2	1480926.48	2450030.63

POINT	STATION	OFFSET	ELEVATION	FEATURE
MED01	10+91.39	-11.3'	645.80	EOP
MED02	10+91.23	8.9'	646.04	PAVT
MED03	10+98.75	27.5'	645.73	EOP
MED04	10+83.70	-9.7'	645.91	EOP
MED05	10+37.56	-25.5'	646.65	TOC
MED06	10+29.07	-32.8'	646.72	TOC
MED07	10+26.76	-38.3'	647.22	SW
MED08	10+33.68	-34.7'	646.79	SW
MED09	10+31.37	-40.3'	647.29	SW
MED10	10+34.16	-41.4'	647.37	SW
MED11	10+38.72	-22.7	646.66	EOP

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

CMT

MODEL NAME = Data	DESIGNED - EMM	REVISED -	
FILE NAME =	DRAWN - AWH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/7/2016 11:32:33 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

INTERSECTION DETAIL
UNIVERSITY ST. & MEADOWBROOK ROAD

SCALE: 1' = 5' | SHEET 7 OF 9 SHEETS | STA. TO STA.

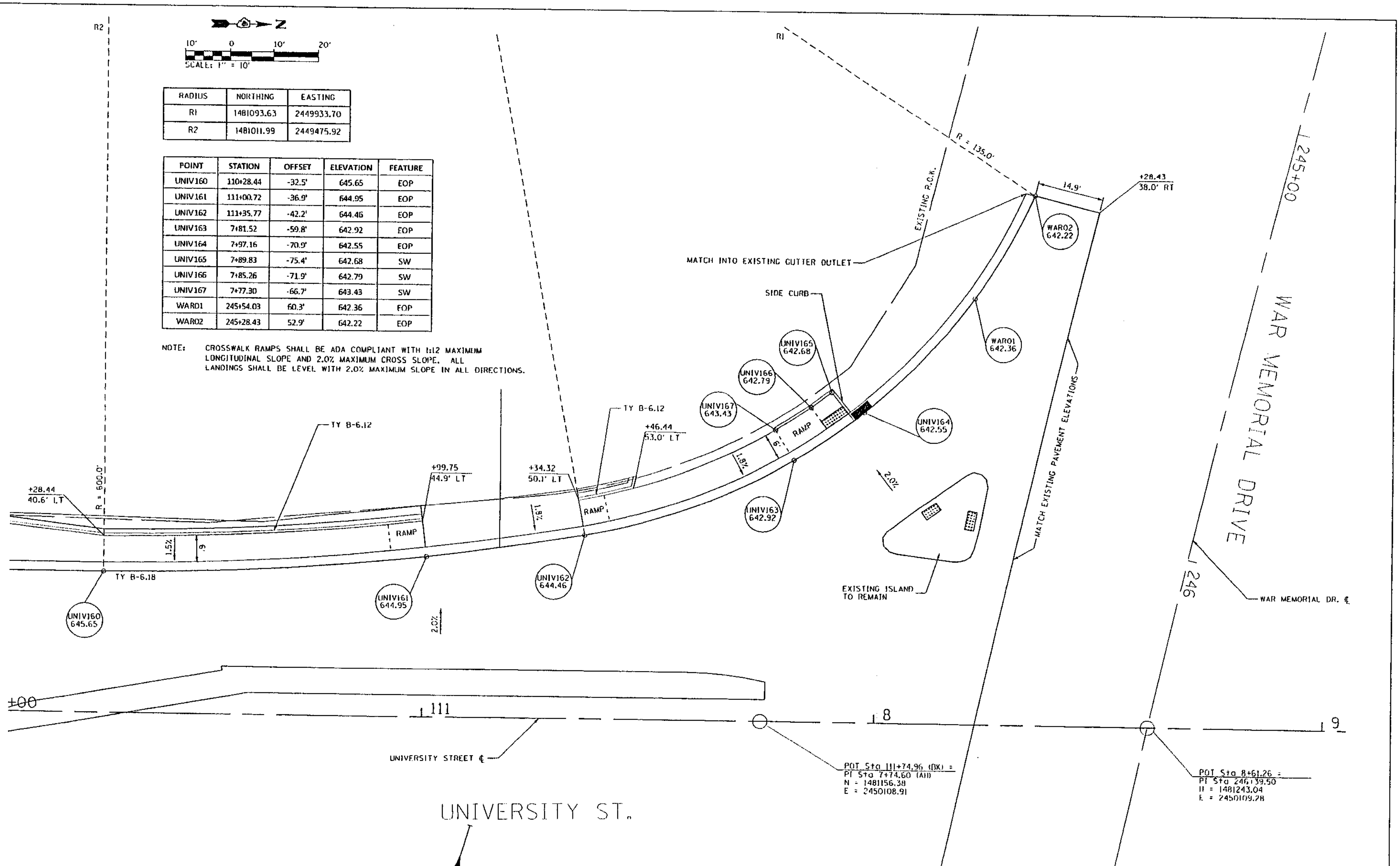
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	37
		CONTRACT NO.		

PHASE 02 | ILLINOIS | STATE AID PROJECT

RADIUS	NORTHING	EASTING
R1	1481093.63	2449933.70
R2	1481011.99	2449475.92

POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV160	110+28.44	-32.5'	645.65	EOP
UNIV161	111+00.72	-36.9'	644.95	EOP
UNIV162	111+35.77	-42.2'	644.46	EOP
UNIV163	7+81.52	-59.8'	642.92	EOP
UNIV164	7+97.16	-70.9'	642.55	EOP
UNIV165	7+89.83	-75.4'	642.68	SW
UNIV166	7+85.26	-71.9'	642.79	SW
UNIV167	7+77.30	-66.7'	643.43	SW
WAR01	245+54.03	60.3'	642.36	EOP
WAR02	245+28.43	52.9'	642.22	EOP

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.



CMT

MODEL NAME = Default	DESIGNED - EMM	REVISED -	
FILE NAME =	DRAWN - AWH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2016 11:32:58 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

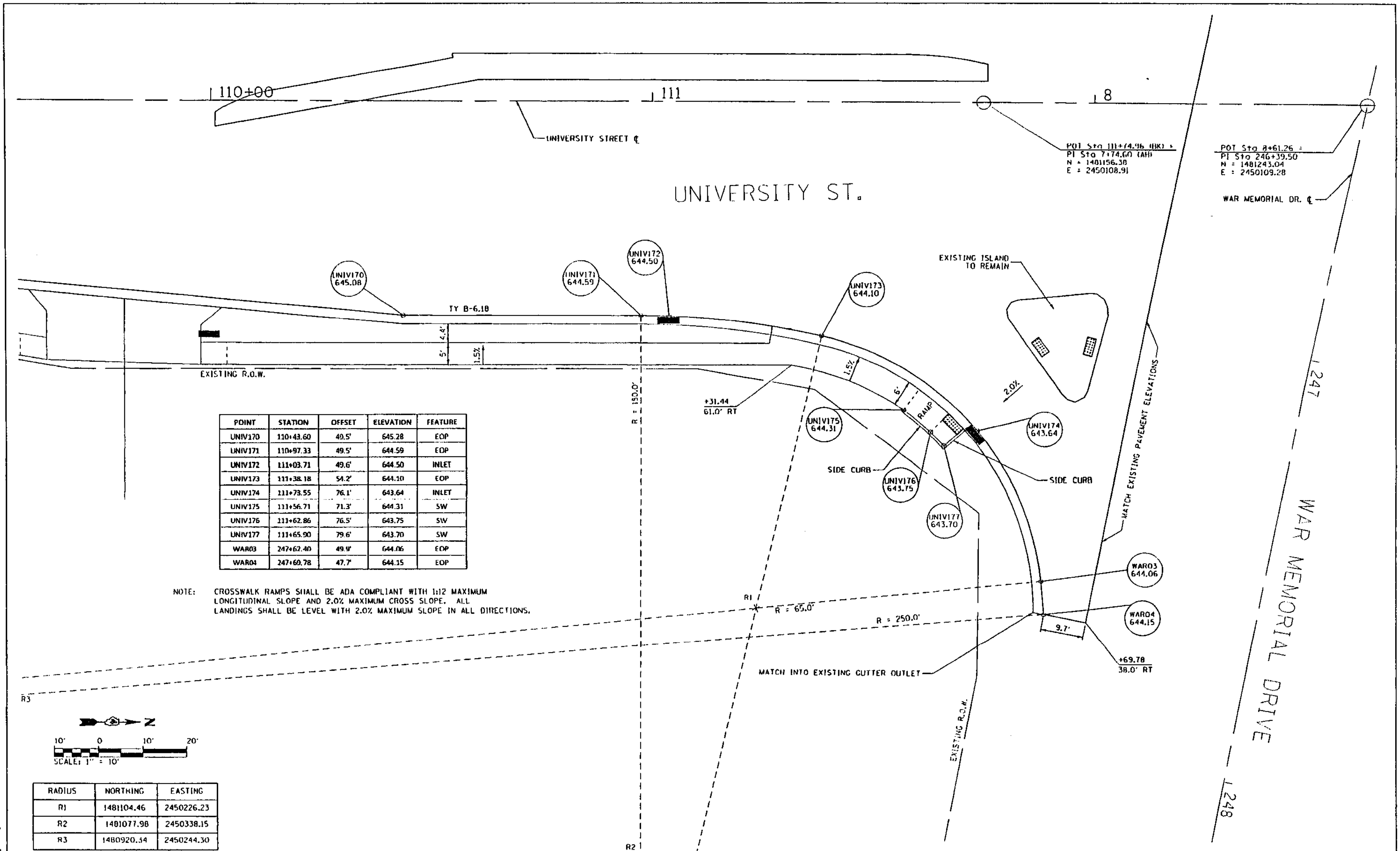
INTERSECTION DETAIL
UNIVERSITY ST. & WAR MEMORIAL DRIVE (WEST)

SCALE: 1" = 10' | SHEET 8 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	38

CONTRACT NO.

PHASE 02 | ILLINOIS | STATE MFT PROJECT. 3P



POINT	STATION	OFFSET	ELEVATION	FEATURE
UNIV170	110+43.60	49.5'	645.28	EOP
UNIV171	110+97.33	49.5'	644.59	EOP
UNIV172	111+03.71	49.6'	644.50	INLET
UNIV173	111+38.18	54.2'	644.10	EOP
UNIV174	111+73.55	76.1'	643.64	INLET
UNIV175	111+56.71	71.3'	644.31	SW
UNIV176	111+62.86	76.5'	643.75	SW
UNIV177	111+65.90	79.6'	643.70	SW
WAR03	247+62.40	49.9'	644.06	EOP
WAR04	247+60.78	47.7'	644.15	EOP

NOTE: CROSSWALK RAMPS SHALL BE ADA COMPLIANT WITH 1:12 MAXIMUM LONGITUDINAL SLOPE AND 2.0% MAXIMUM CROSS SLOPE. ALL LANDINGS SHALL BE LEVEL WITH 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS.

RADIUS	NORTHING	EASTING
R1	1481104.46	2450226.23
R2	1481077.98	2450338.15
R3	1480920.34	2450244.30

CMT

DESIGNED - EMM	REVISED -
DRAWN - AWH	REVISED -
CHECKED - EJH	REVISED -
DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

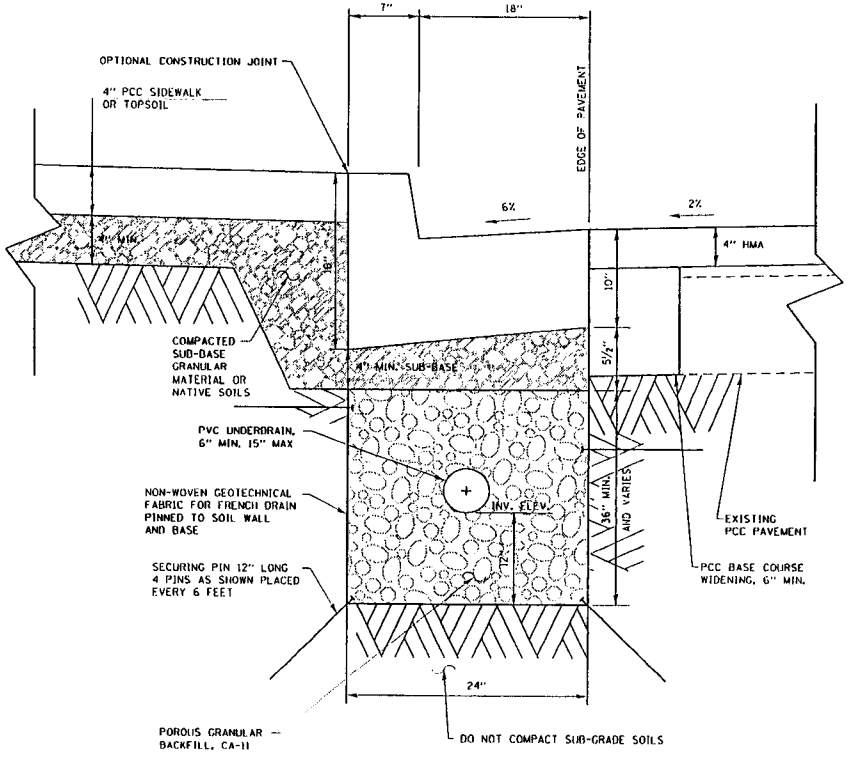
INTERSECTION DETAIL
UNIVERSITY ST. & WAR MEMORIAL DRIVE (EAST)

SCALE: 1" = 10' | SHEET 9 OF 9 SHEETS | STA. TO STA.

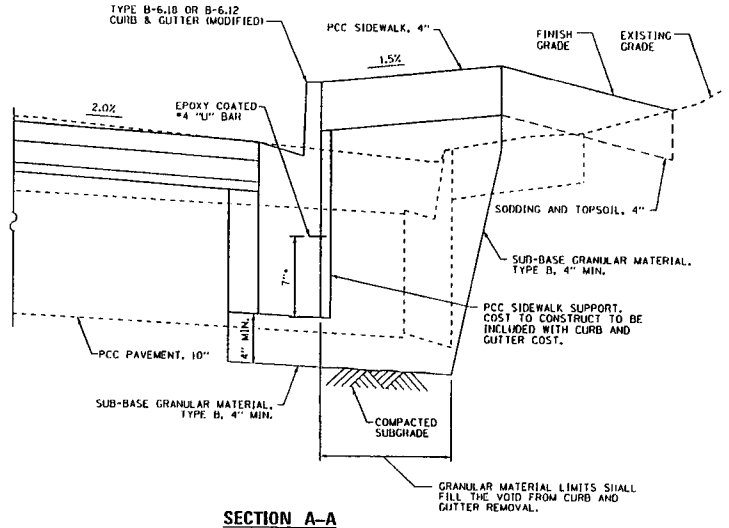
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	39

CONTRACT NO.

PHASE 02 | ILLINOIS STATE AFT PROJECT, 3R

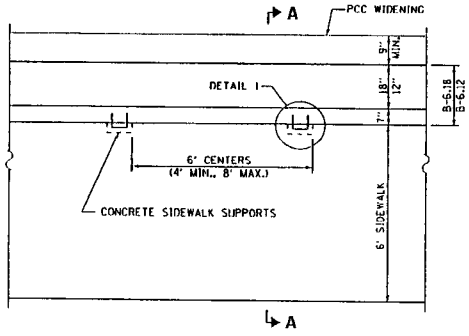


FRENCH DRAIN TRENCH

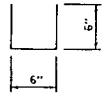


SECTION A-A

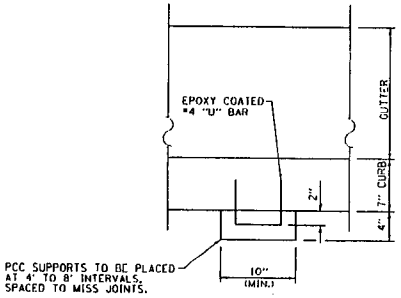
* 4" UNDER COMMERICAL DRIVE
6" UNDER PRIVATE DRIVE



PLAN VIEW
CURB & GUTTER WITH ADJACENT SIDEWALK



#4 "U" BARS



DETAIL 1

CMT

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FILE NAME = Solid-French_Default.dgn	DRAWN - AMH	REVISED -
PLOT SCALE = 1.0000 '/ in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:33:23 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

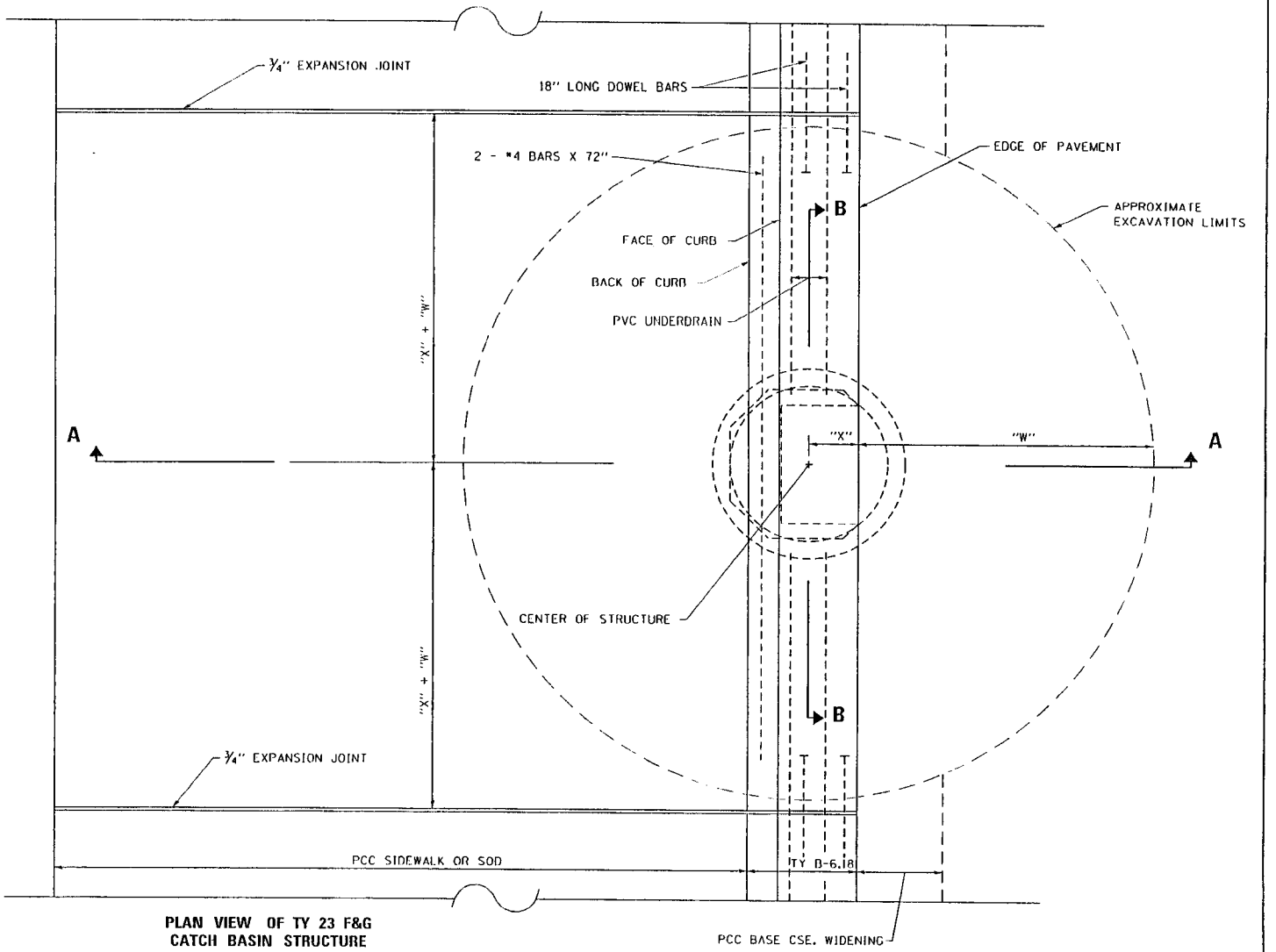
FRENCH DRAIN TRENCH AND CURB & GUTTER DETAILS
UNIVERSITY STREET

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	48
	PHASE 02	ILLINOIS STATE MFT PROJECT, SP	CONTRACT NO.	

CB DIA (FT)	"X" (FT)
3'	1.25'
4'	1.75'
5'	2.25'

PIPE SIZE (IN)	STRUCTURE DEPTH (FT)	"W" (FT)
6"	4.7	4.4
8"	5.5	4.8
10"	6.5	5.3
+12"	7.3	5.7



PLAN VIEW OF TY 23 F&G CATCH BASIN STRUCTURE

CMT

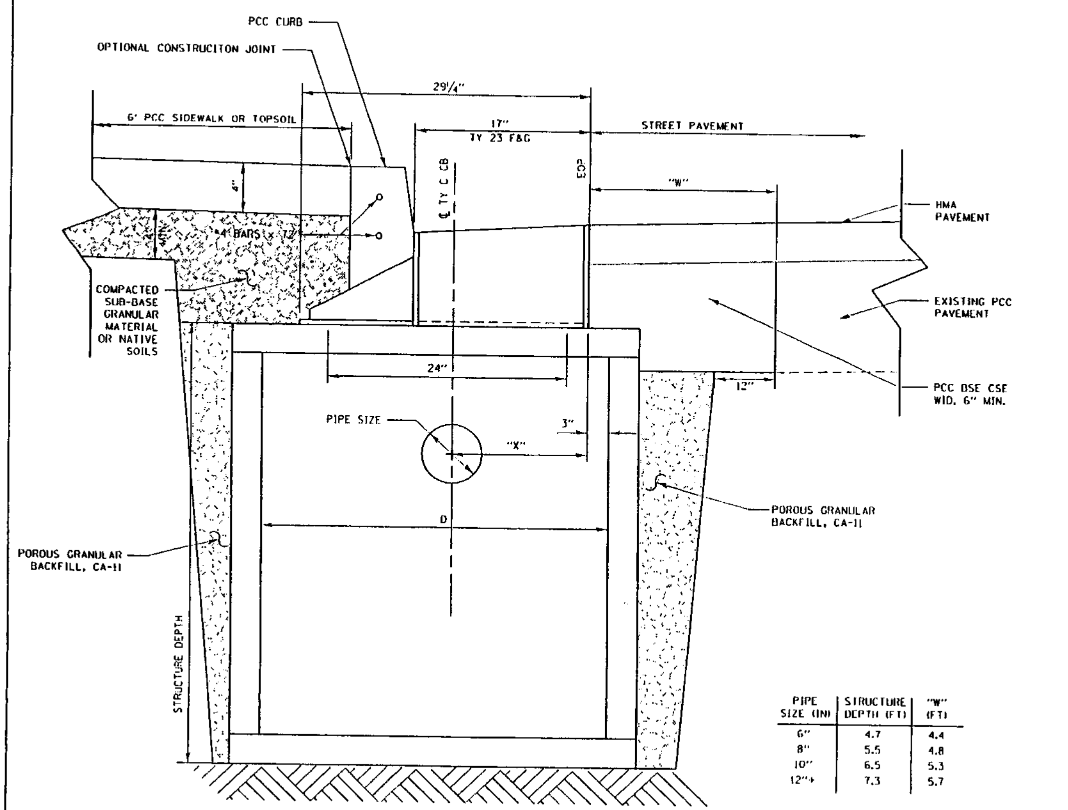
MODEL NAME - Model	DESIGNED - EMM	REVISED -
FILE NAME - Detail-Catch Basin_ty23.dgn	DRAWN -	REVISED -
PLOT SCALE - 3.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE - 7/6/2016 11:33:41 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CATCH BASIN WITH TY 23 F&G

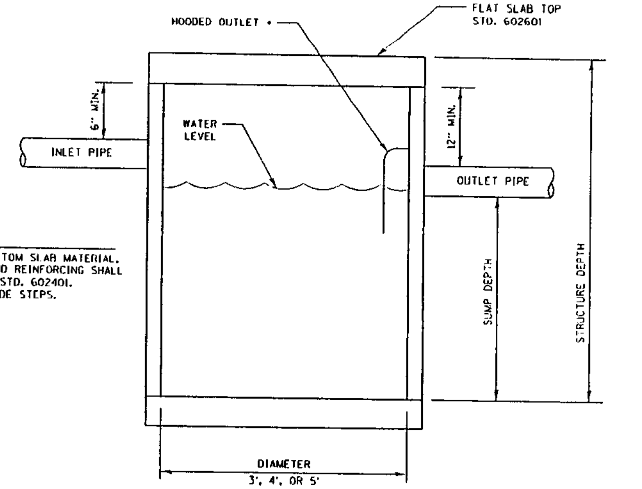
SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	49
	PHASE 02	ILLINOIS STATE MFT PROJECT, JH	CONTRACT NO.	



PIPE SIZE (IN)	STRUCTURE DEPTH (FT)	"W" (FT)
6"	4.7	4.4
8"	5.5	4.8
10"	6.5	5.3
12"+	7.3	5.7

SECTION A–A



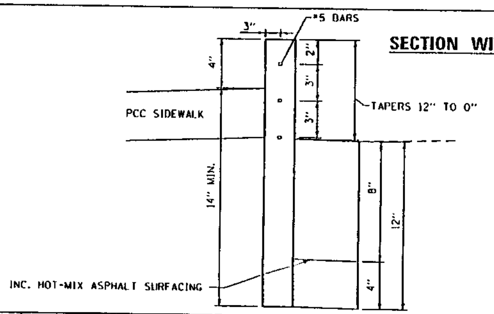
NOTE:
WALL AND BOTTOM SLAB MATERIAL, THICKNESS, AND REINFORCING SHALL COMPLY WITH STD. 602401.
DO NOT PROVIDE STEPS.

PIPE SIZE AND SUMP DEPTH

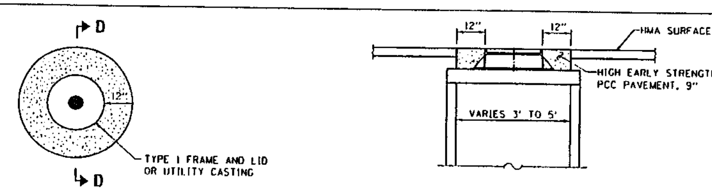
PIPE	SUMP
6"	24"
8"	32"
10"	40"
12"+	48"

SECTION B–B

• HOODED OUTLET SHALL BE ANY OF THE FOLLOWING:
SNOUT FROM BMP, INC.
ENVIROHOOD FROM ADS, INC.
R-3705 SERIES FROM NEENAH
OR APPROVED DEVICE



SECTION WITH CONCRETE CURB, TYPE B (SPECIAL)



SECTION D–D

NOTES

1. PCC CONSTRUCTION AND PLACEMENT OF THE CASTING MAY BE DONE BEFORE OR AFTER THE HMA SURFACE IS CONSTRUCTED. IN EITHER CASE, THE JOINT BETWEEN THE PCC AND HMA SHALL BE FLAT, TIGHT AND NOT RAVELED OR IRREGULAR.
2. PCC CONSTRUCTION AROUND CASTINGS WITHIN THE ROADWAY SHALL BE COMPLETED FOR ALL NEW AND EXISTING CASTINGS FOR DRAINAGE STRUCTURES AND UTILITIES.
3. RECTANGULAR CONSTRUCTION CAN BE USED INSTEAD OF THE CIRCULAR METHOD SHOWN. 12" MINIMUM DISTANCE FROM CASTING SHALL BE PROVIDED.

PAVEMENT CONSTRUCTION AT STORM AND UTILITY MANHOLES

CMT

MODEL NAME : MetDetails	DESIGNED - EMM	REVISED -	
FILE NAME : Details-Frame4_Details.dgn	DRAWN - AWH	REVISED -	
PLOT SCALE : 1.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE : 7/6/2016 11:33:50 AM	DATE - JULY 2016	REVISED -	

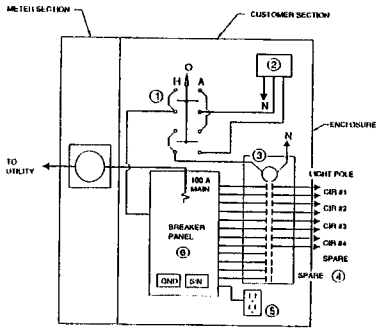
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CATCH BASIN WITH TY 23 F&G AND PCC CONSTRUCTION DETAILS

SCALE: | SHEET 2 OF 2 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	50

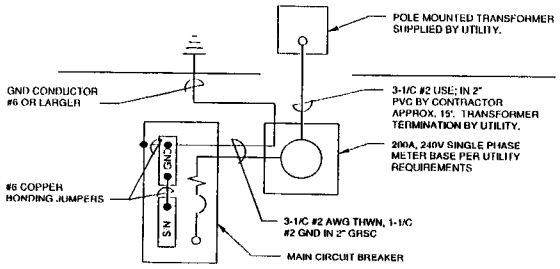
CONTRACT NO.
PHASE 02 | ILLINOIS | STATE OF PROJECT, SR



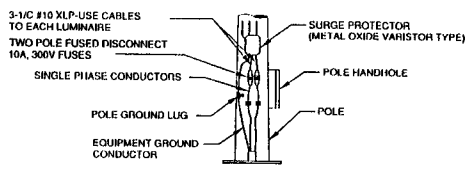
NOTES

1. H-O-A SWITCH WITH ENGRAVED NAMEPLATE AS DETAILED, MOUNTED BEHIND POLICE DOOR.
2. PHOTOCELL WITH INTEGRAL SURGE SUPPRESSOR.
3. CONTACTOR, 30A, 12P, 120V COIL, ELECTRICALLY HELD.
4. GND AND NEUTRAL CONDUCTORS NOT SHOW FOR CLARITY.
5. 20 AMP, GFCI CONVENIENCE DUPLEX RECEPTACLE.
6. 100A, 240/120V, SINGLE PHASE, 3 WIRE, 24 POLE BREAKER PANEL WITH 100A MAIN CB OR EQUIVALENT PROVIDE 12 20A, 1P CB AND 6, 20A, 2P CB.

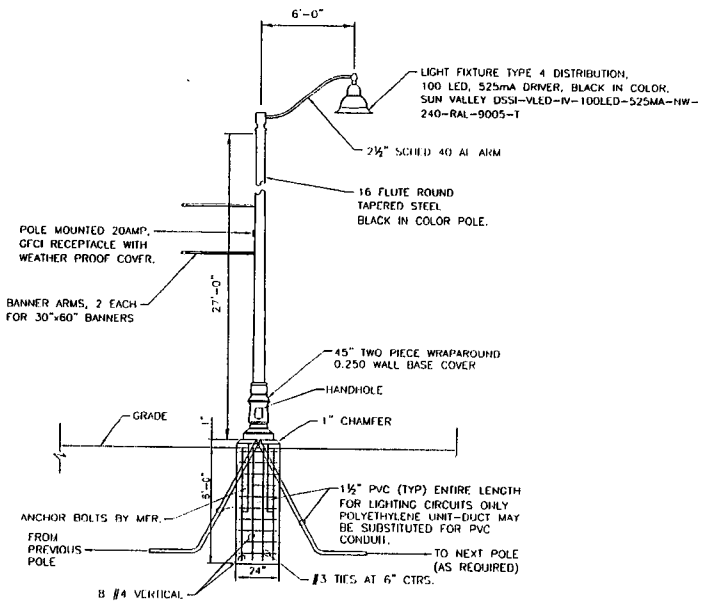
A2 WIRING DIAGRAM
N.T.S.



A5 SERVICE ENTRANCE ONE-LINE DIAGRAM
N.T.S.



A3 POLE BASE WIRING
N.T.S.



FIXTURE
N.T.S.

CMT

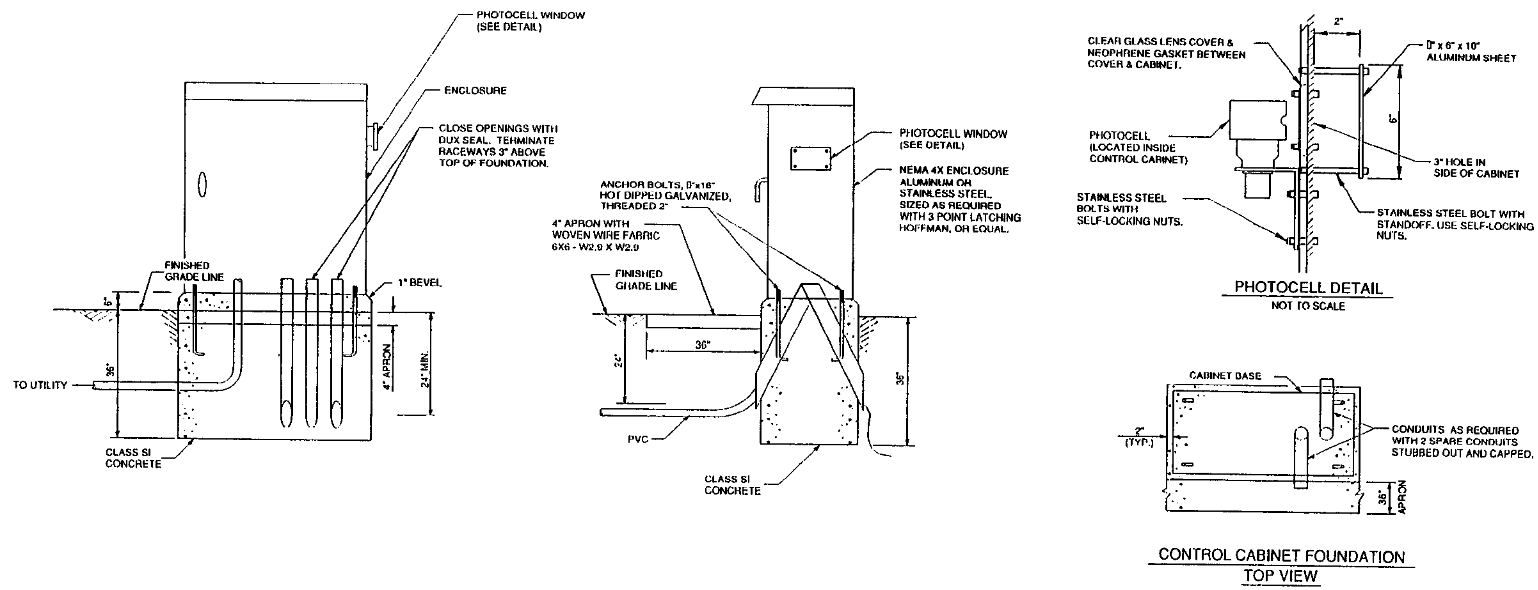
MODEL NAME = Default	DESIGNED - EMM	REVISED -	
FILE NAME = Default.dgn	DRAWN - AWH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -	
PLOT DATE = 7/6/2016 11:34:13 AM	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

DETAILS – LIGHTING
UNIVERSITY STREET

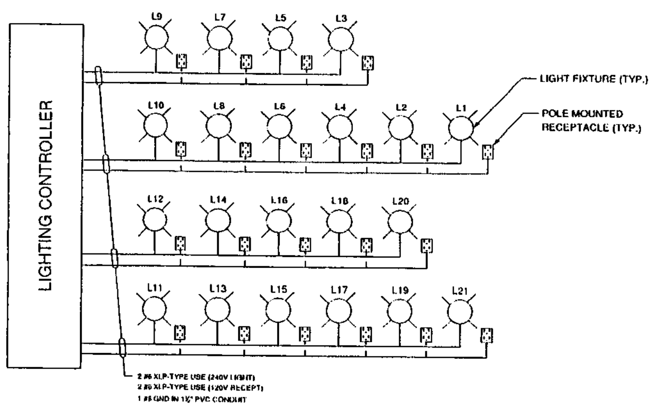
SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	51
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, JR			



(B1) CONTROL CABINET AND FOUNDATION DETAIL (TYPE D)

N.T.S.



(B2) LIGHTING SCHEMATIC

N.T.S.

CMT	MODEL NAME : sheet2	DESIGNED - EMM	REVISED -
	FILE NAME : Details_Lighting_01.dgn	DRAWN - AWH	REVISED -
	PLOT SCALE : 10.0000 ' / in.	CHECKED - EJH	REVISED -
	PLOT DATE : 7/6/2016 11:34:14 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

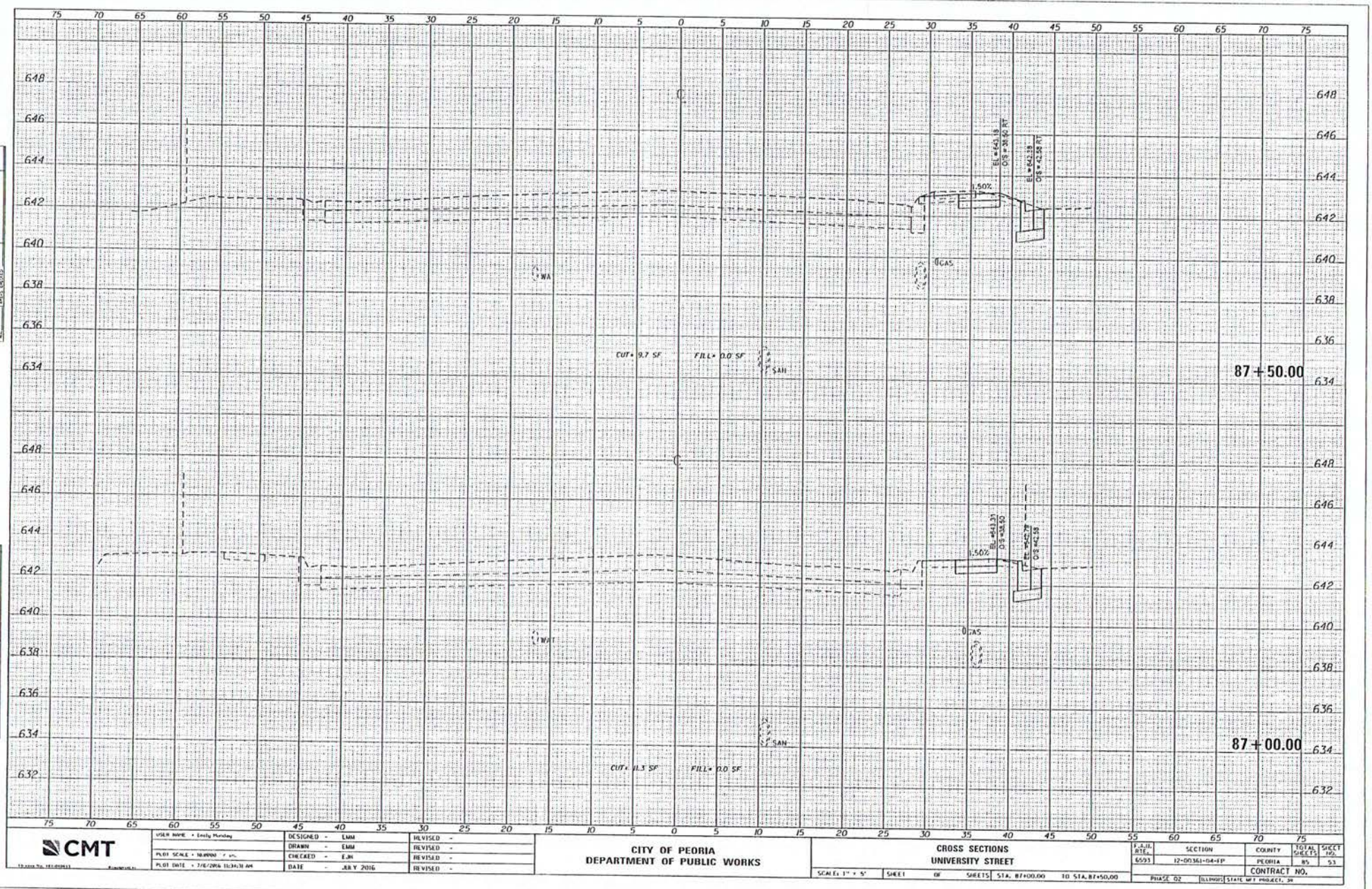
DETAILS – LIGHTING
FORREST HILL

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	52

CONTRACT NO.

PHASE 02 | ILLINOIS | STATE NFT PROJECT. 3R



CMT

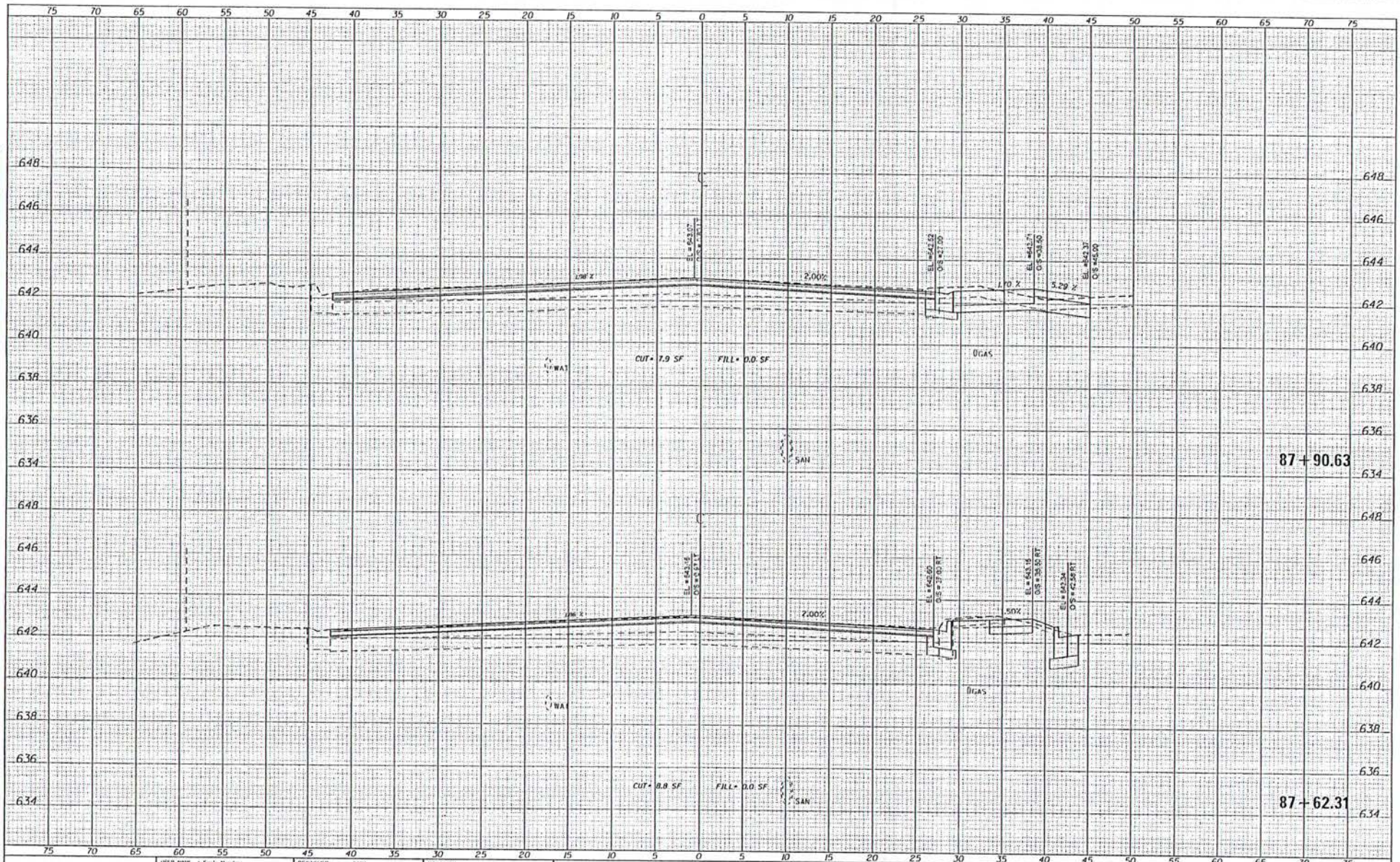
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:38 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 87+00.00 TO STA. 87+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	53
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, SN			



CMT

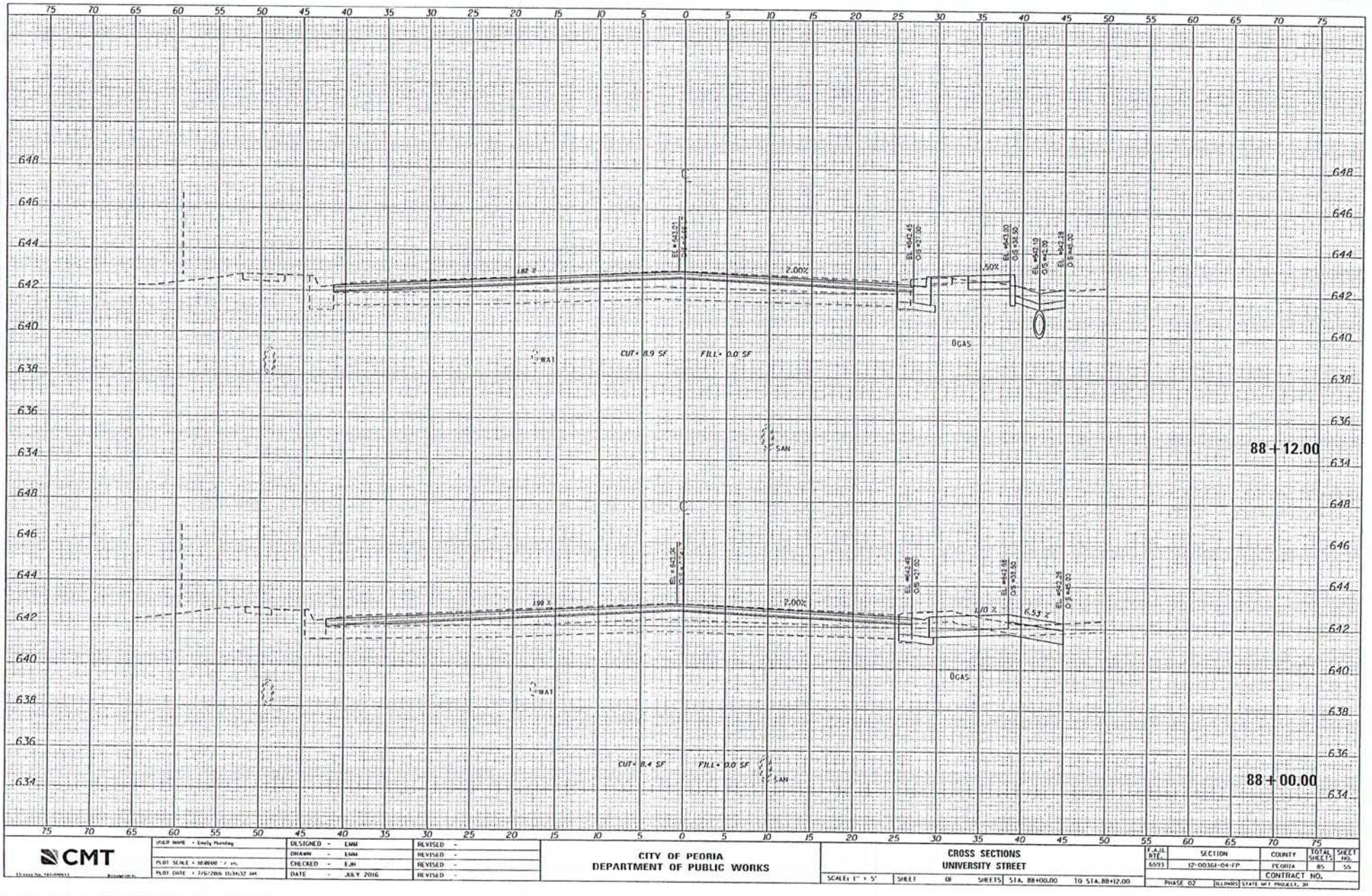
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
	DRAWN - EMM	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:34:32 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 87+62.31 TO STA. 87+90.63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6591	12-00361-04-FP	PEORIA	85	54
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE WPI PROJECT, 3R			



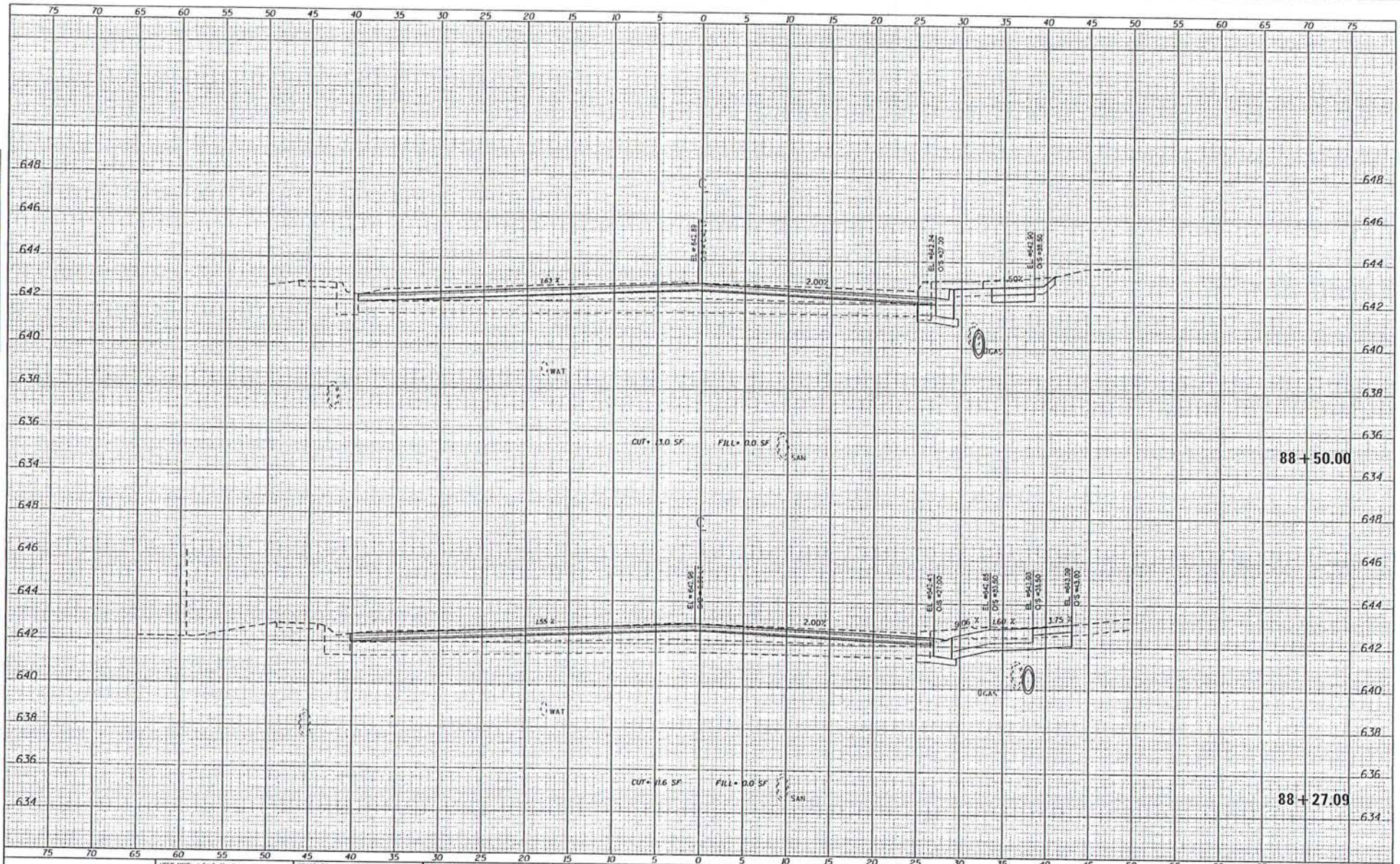
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 88+00.00 TO STA. 88+12.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	55
	PHASE 02	ILLINOIS STATE ROUTE PROJECT, IH	CONTRACT NO.	



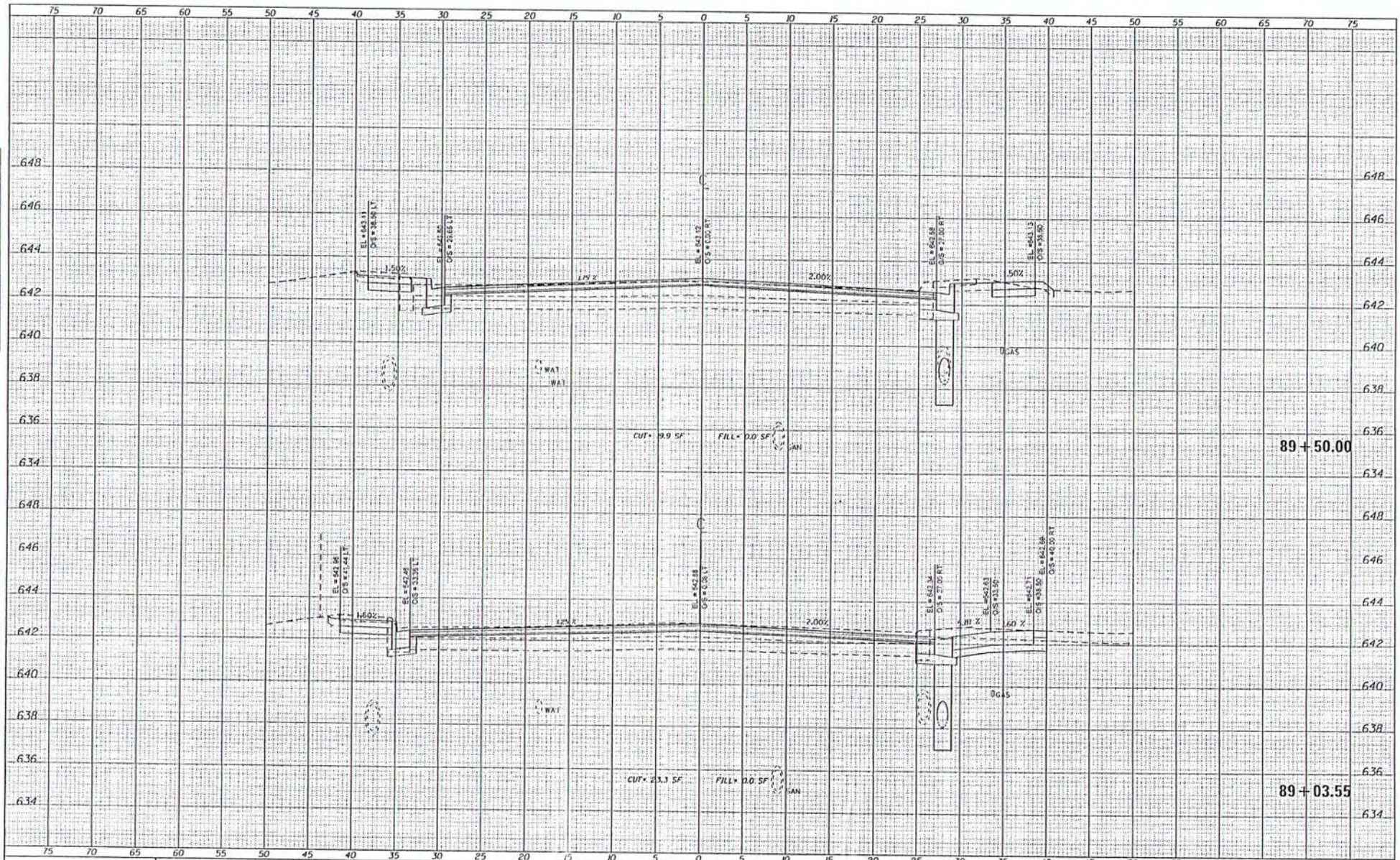
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 88+27.09 TO STA. 88+50.00

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	56
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3R			



CMT

USER NAME = Emily Munday
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 11:34:33 AM

DESIGNED - EMM
DRAWN - EMM
CHECKED - EJH
DATE - JULY 2016

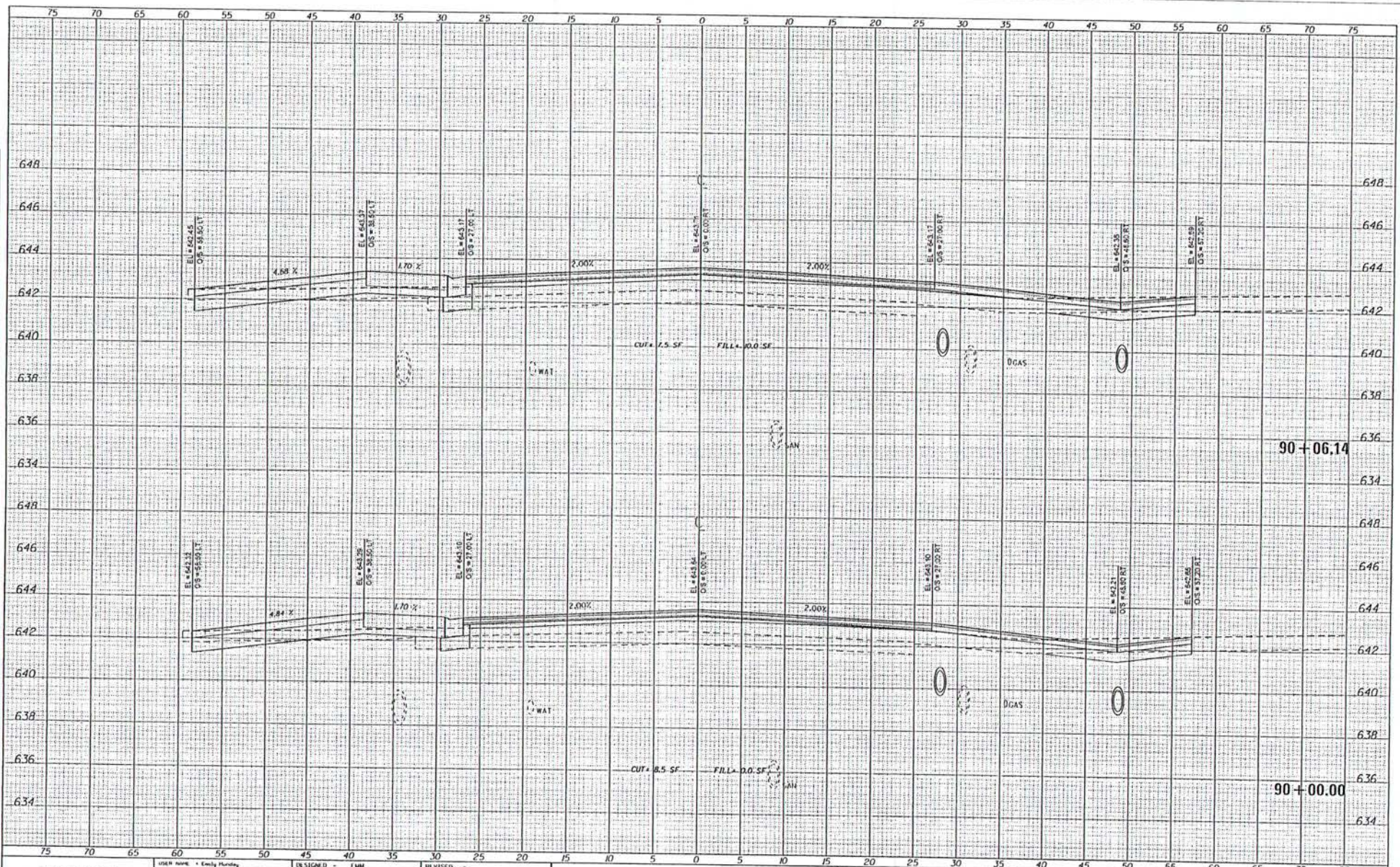
REVISED -
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 89+03.55 TO STA. 89+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	57
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE 1ST PROJECT, 39			



CMT

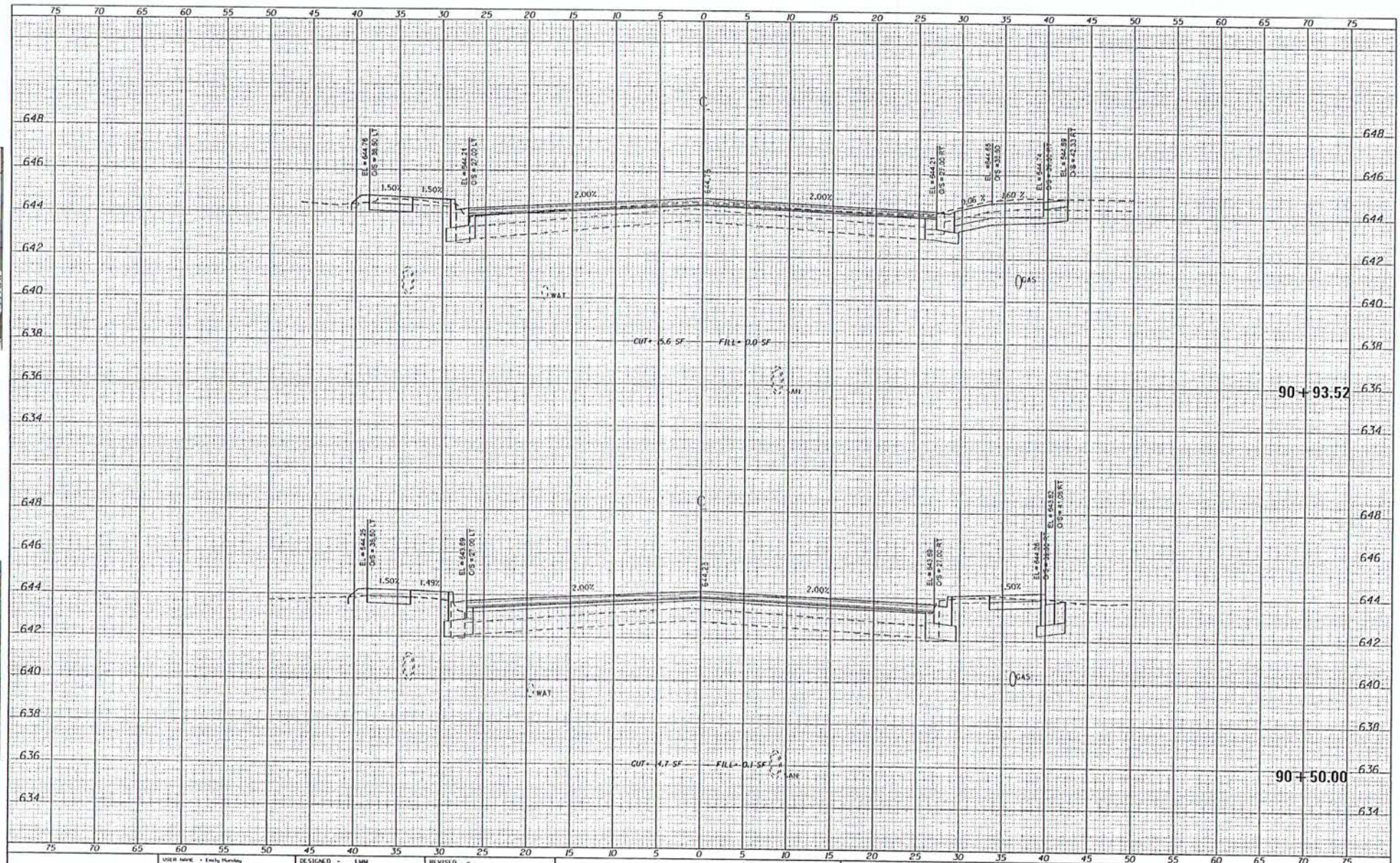
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 90+00.00 TO STA. 90+06.14

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	80	58
		CONTRACT NO.		

PHASE 02 | ILLINOIS STATE WAT PROJECT, 39



CMT

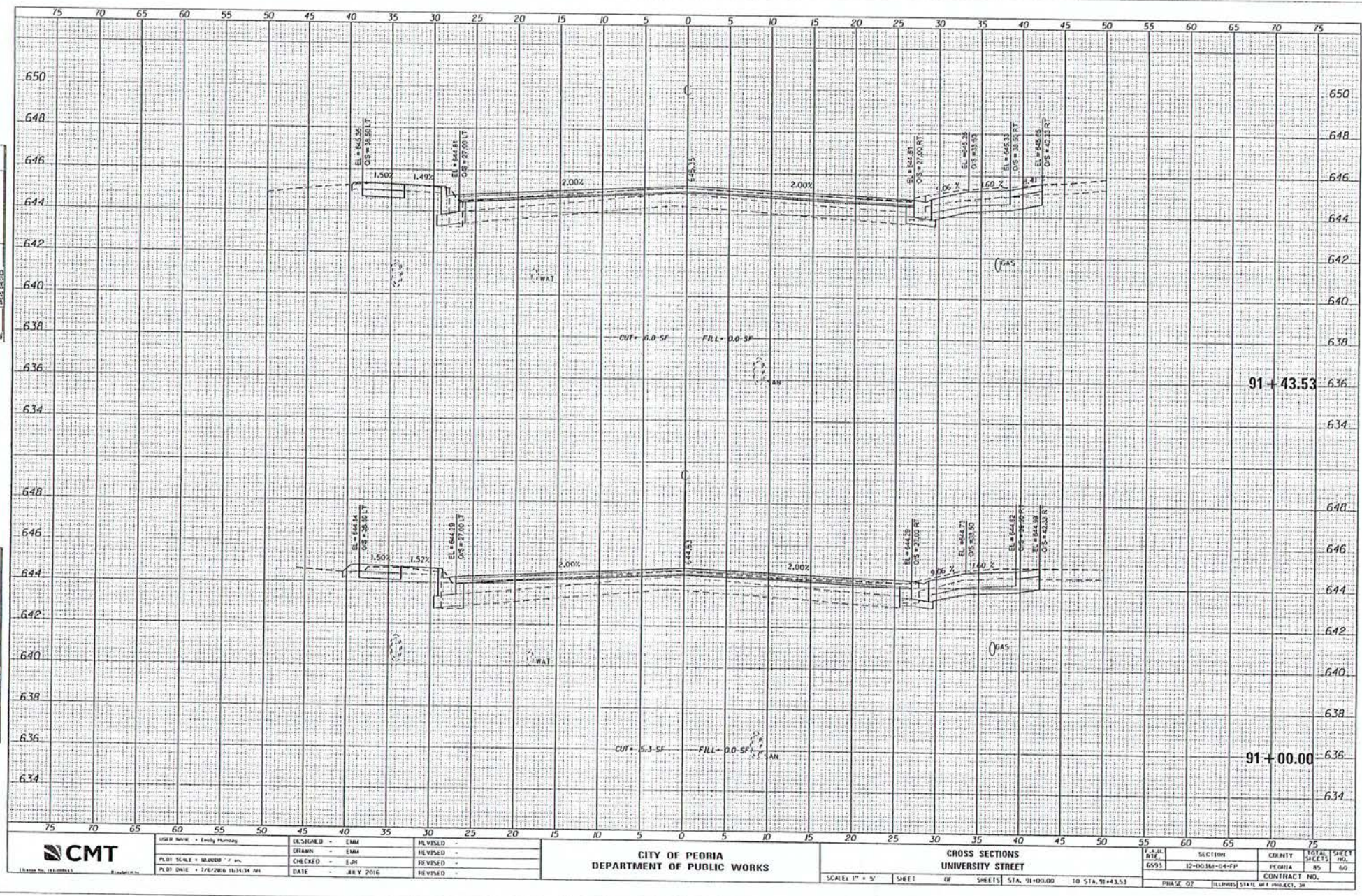
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:24 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 90+50.00 TO STA. 90+93.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	59
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE MFT PROJECT, JR		



CMT

USER NAME = Emily Munday
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 11:34:34 AM

DESIGNED - EMM
DRAWN - EMM
CHECKED - EJH
DATE - JULY 2016

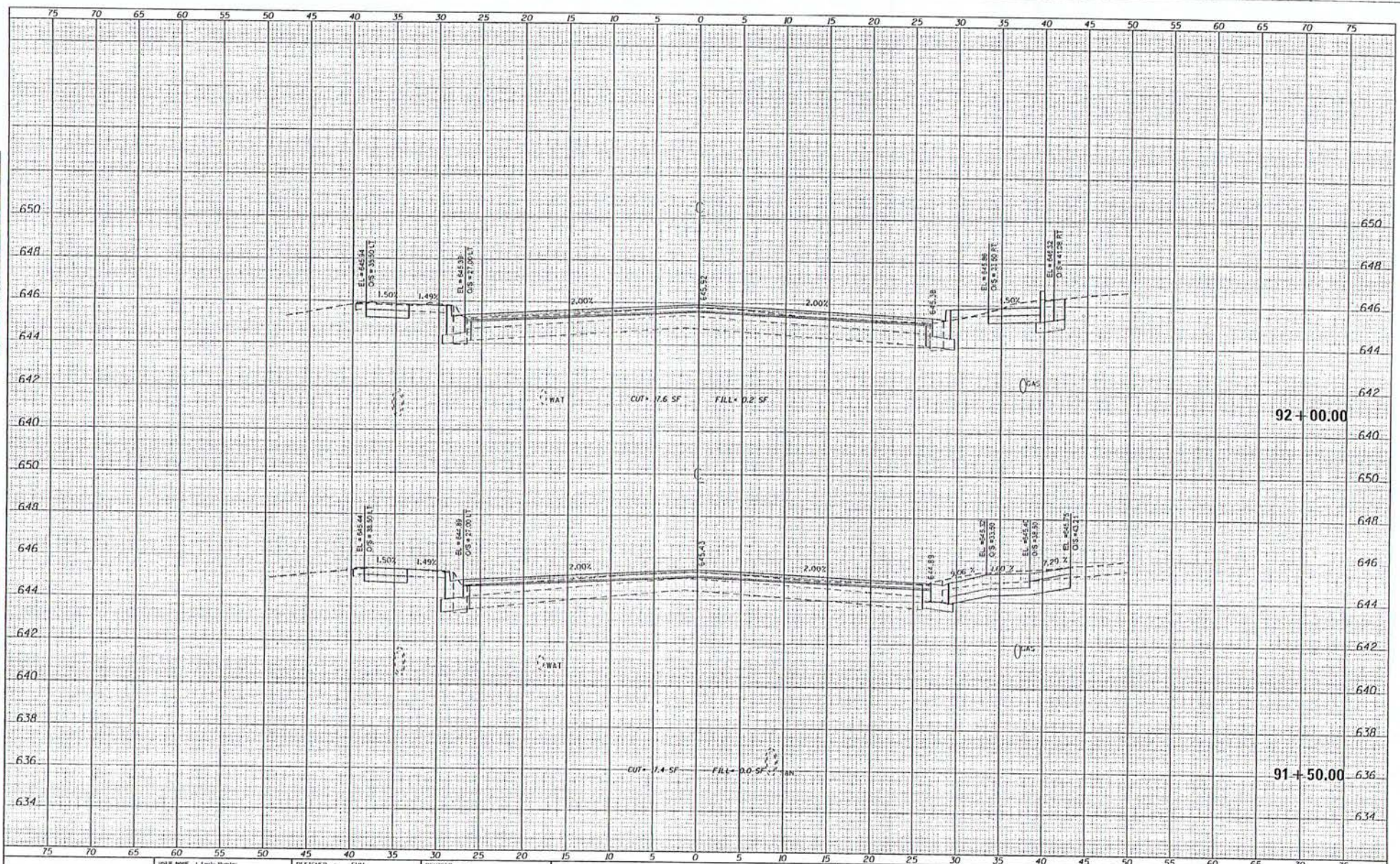
REVISED -
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALES 1" = 5' | SHEET OF SHEETS | STA. 91+00.00 TO STA. 91+43.53

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	60
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3R			



CMT

USER NAME = Emily Plumley
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 11:34:34 AM

DESIGNED - EMM
DRAWN - EMM
CHECKED - EJH
DATE - JULY 2016

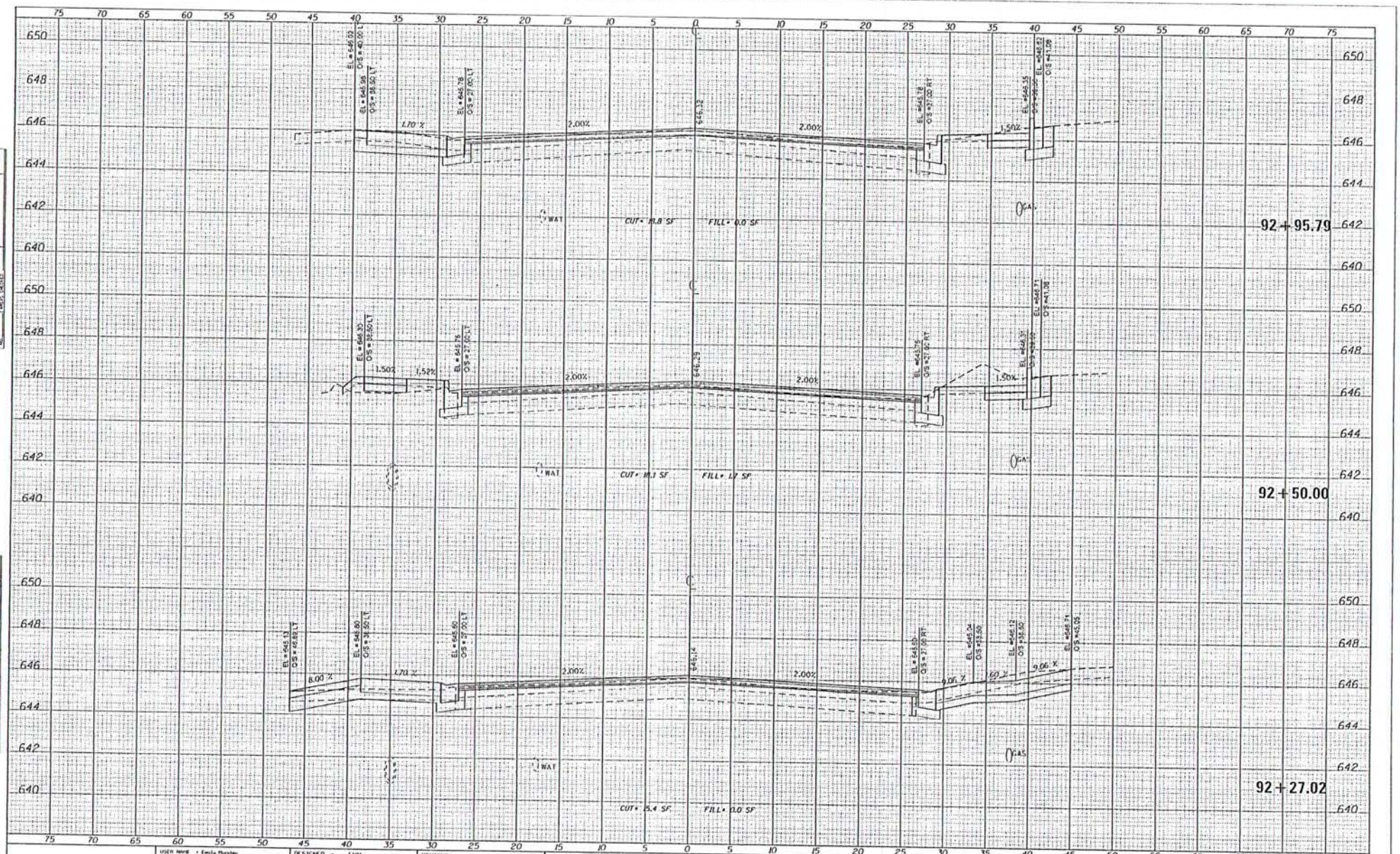
REVISED -
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 91+50.00 TO STA. 92+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	61
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE WET PROJECT, 34		



CMT

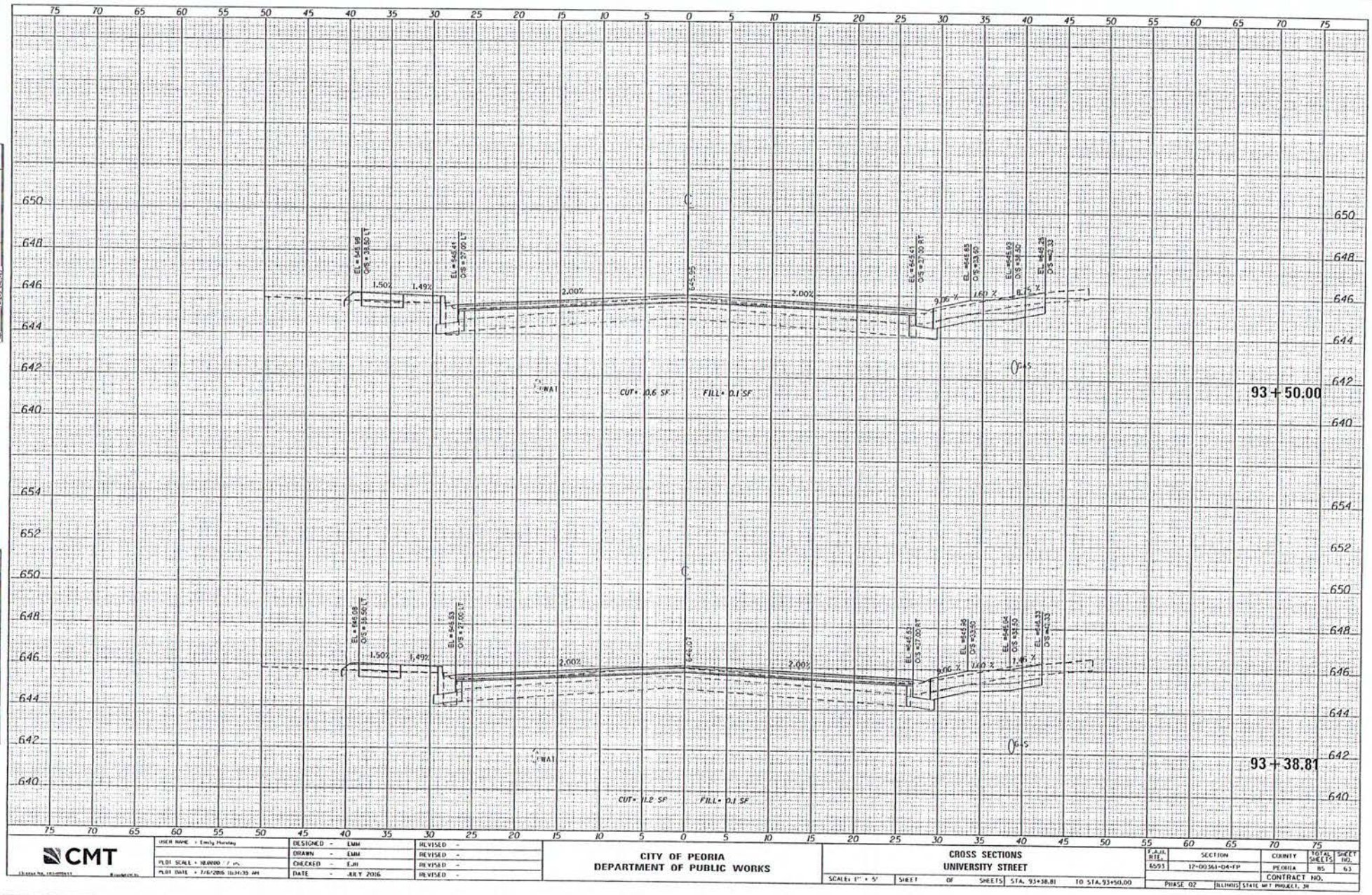
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 10:34:35 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 92+27.02 TO STA. 92+95.79

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	62
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, JP			



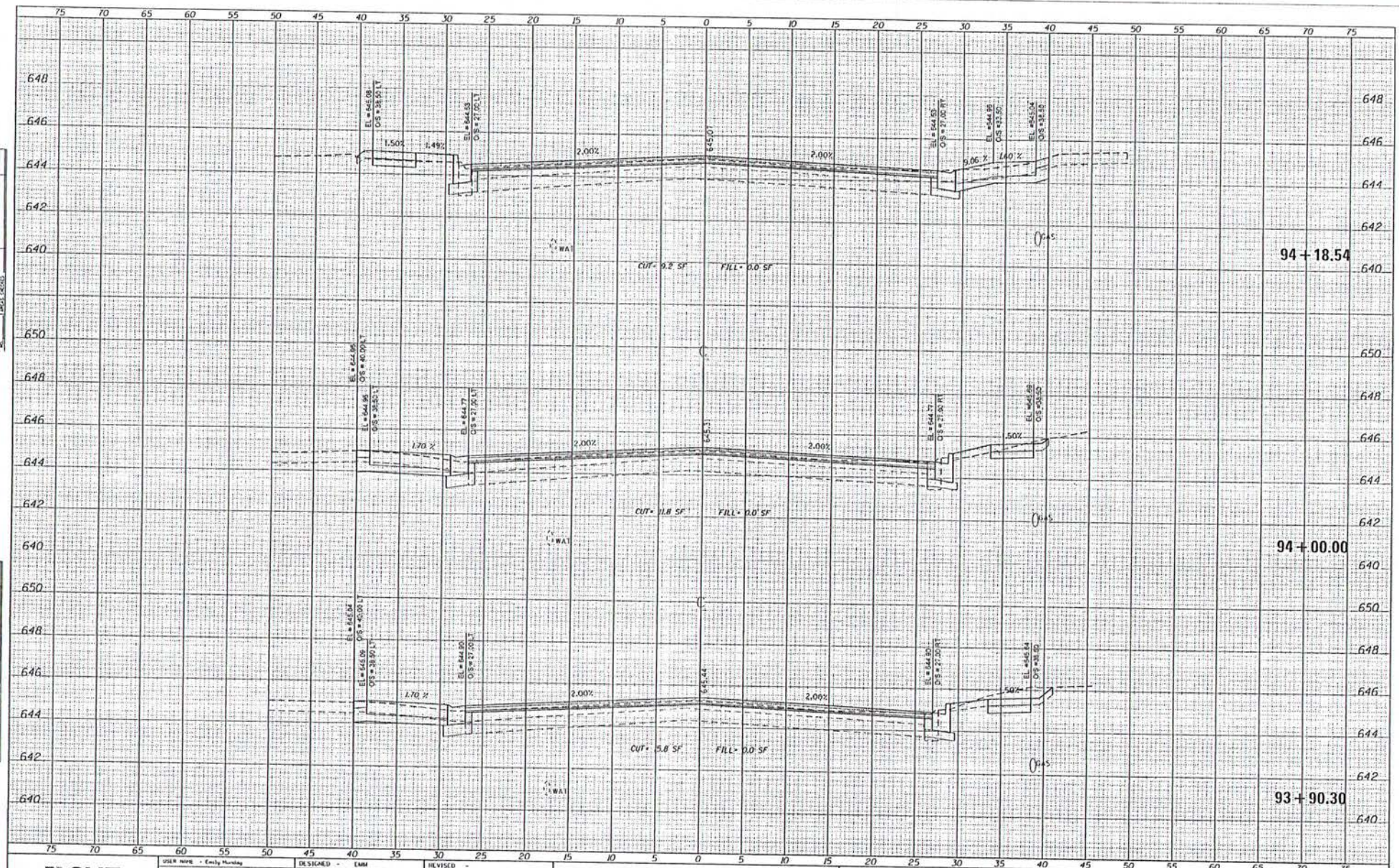
CMT	USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
	PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -
	PLOT DATE = 7/6/2016 11:34:35 AM	CHECKED - EJH	REVISED -
		DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 93+38.81 TO STA. 93+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-FP	PEORIA	85	63
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3R			



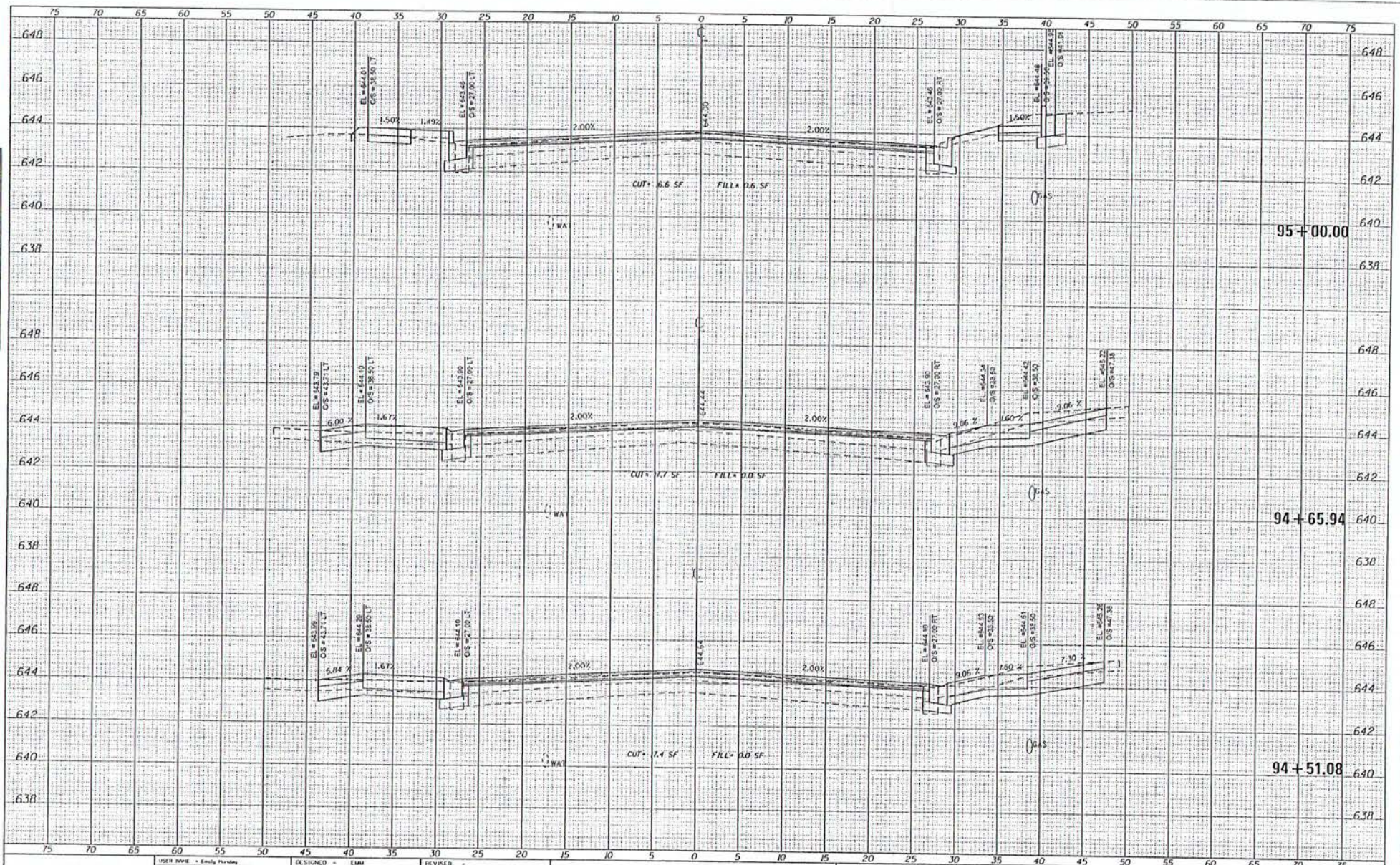
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 93+90.30 TO STA. 94+18.54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	64
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE WAT PROJECT, SR			



CMT

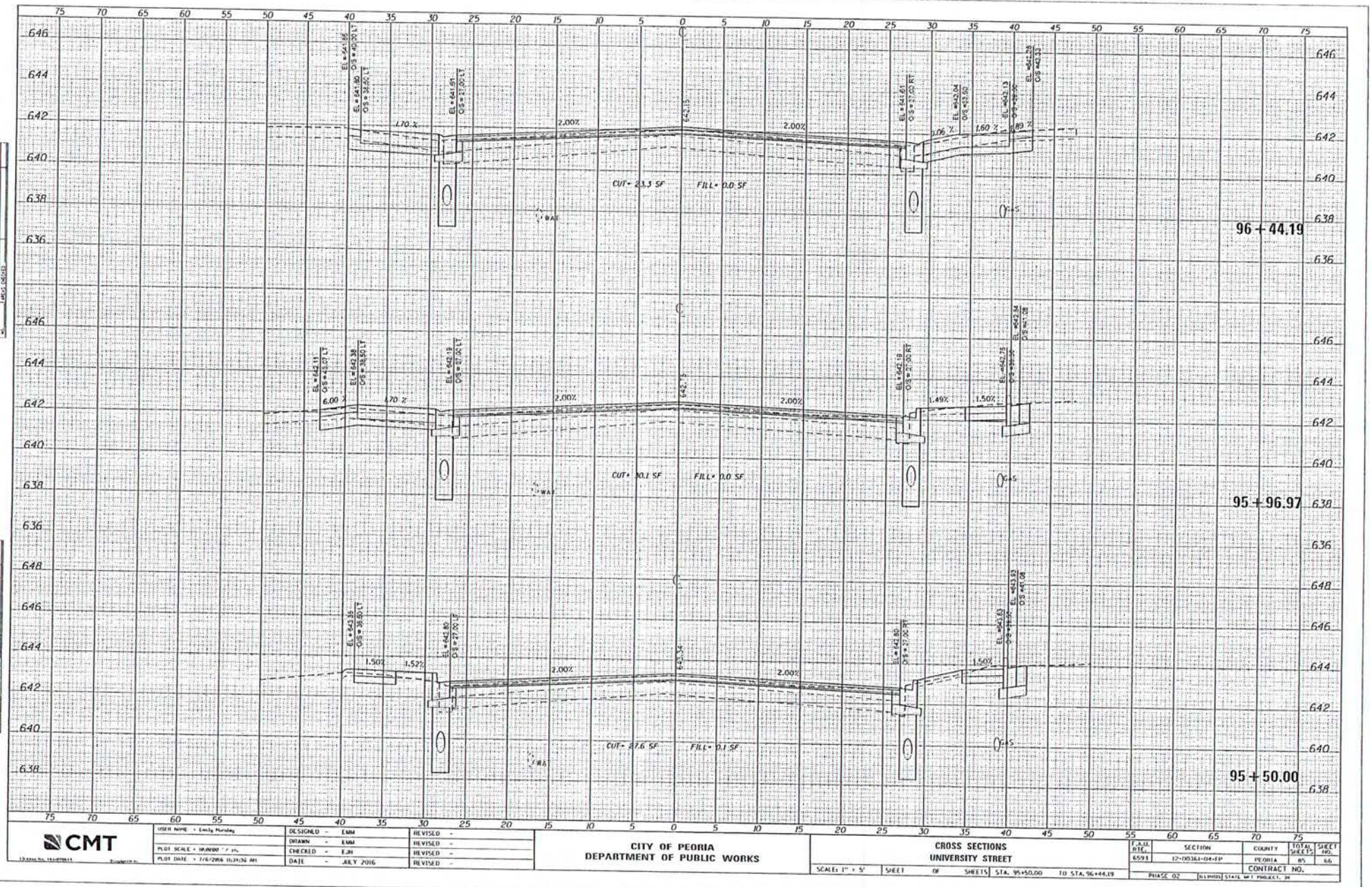
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:31:36 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 94+51.08 TO STA. 95+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	65
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			



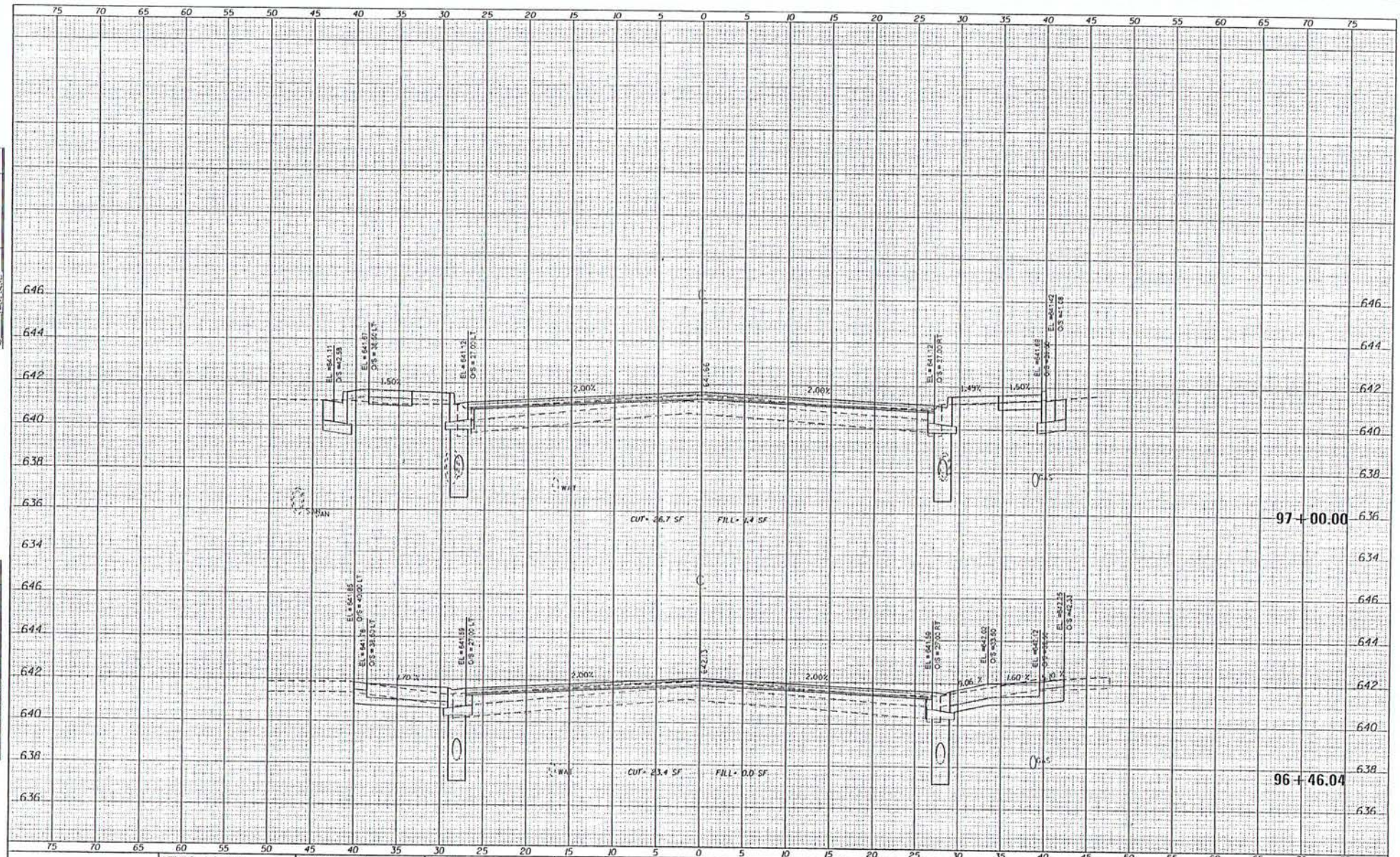
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 95+50.00 TO STA. 96+44.19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6591	12-00361-04-FP	PEORIA	85	66
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			



CMT

USER NAME = Emily Munday
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 11:34:37 AM

DESIGNED - EMM
DRAWN - EMM
CHECKED - EJH
DATE - JULY 2016

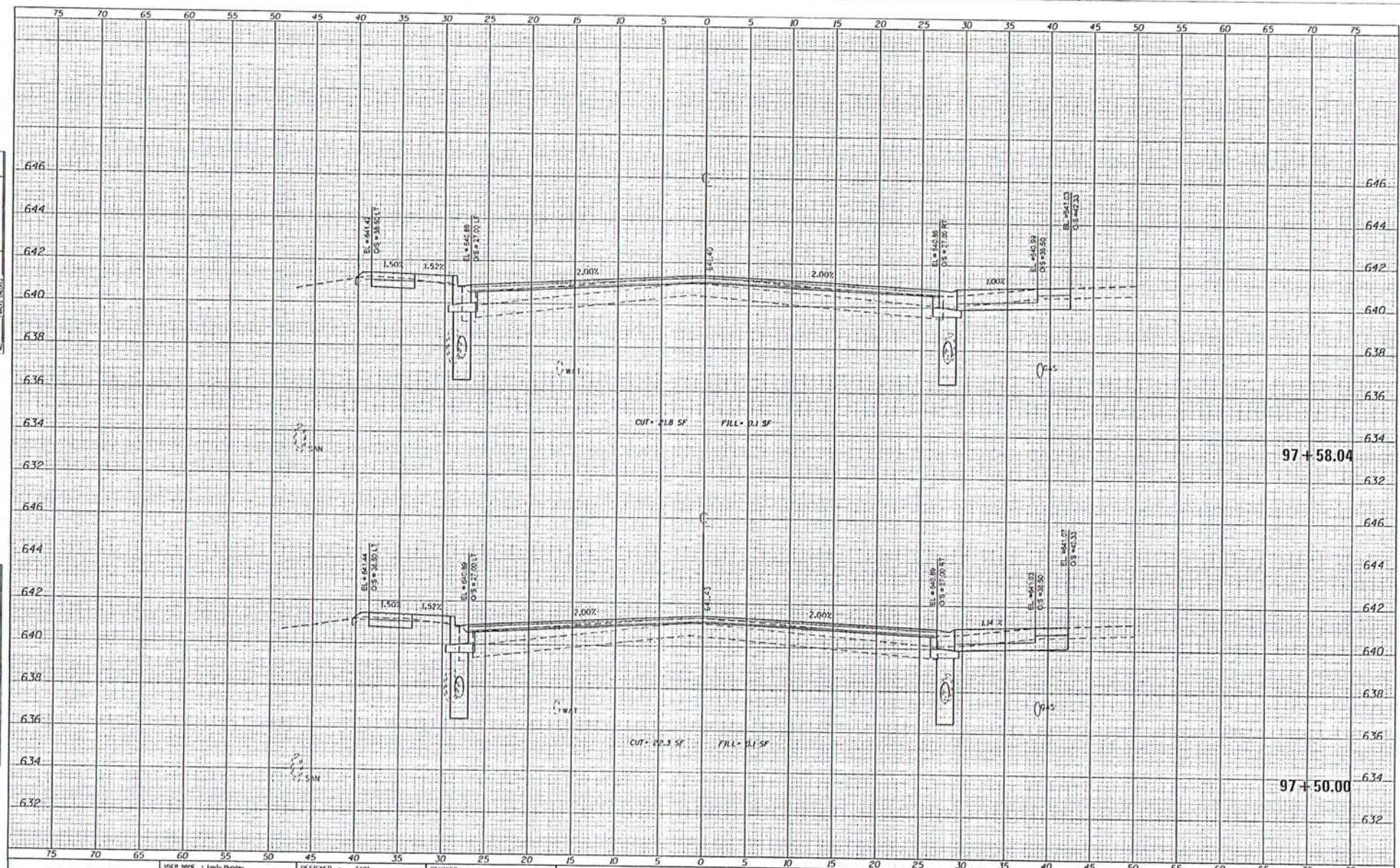
REVISED -
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 96+46.04 TO STA. 97+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	67
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			



CMT

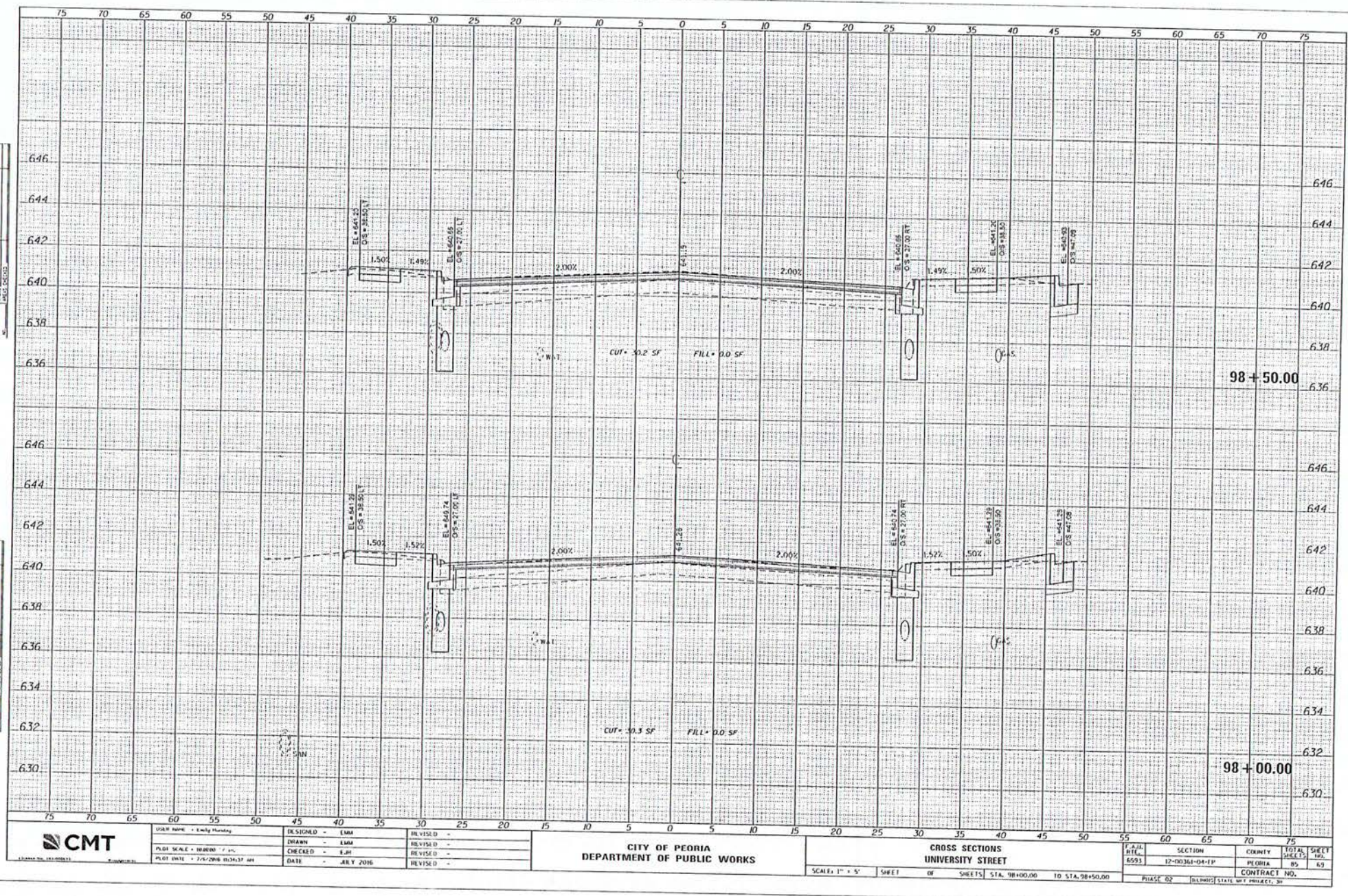
USER NAME = Emily Mankey	DESIGNED - EMM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -
PLOT DATE = 7/6/2016 11:36:37 AM	CHECKED - EJH	REVISED -
	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 97+50.00 TO STA. 97+58.04

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	68
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE WPT PROJECT, 39			



CMT

USER NAME = Emily Hunsley
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 10:34:37 AM

DESIGNED - EMH
DRAWN - EMH
CHECKED - EJH
DATE - JULY 2016

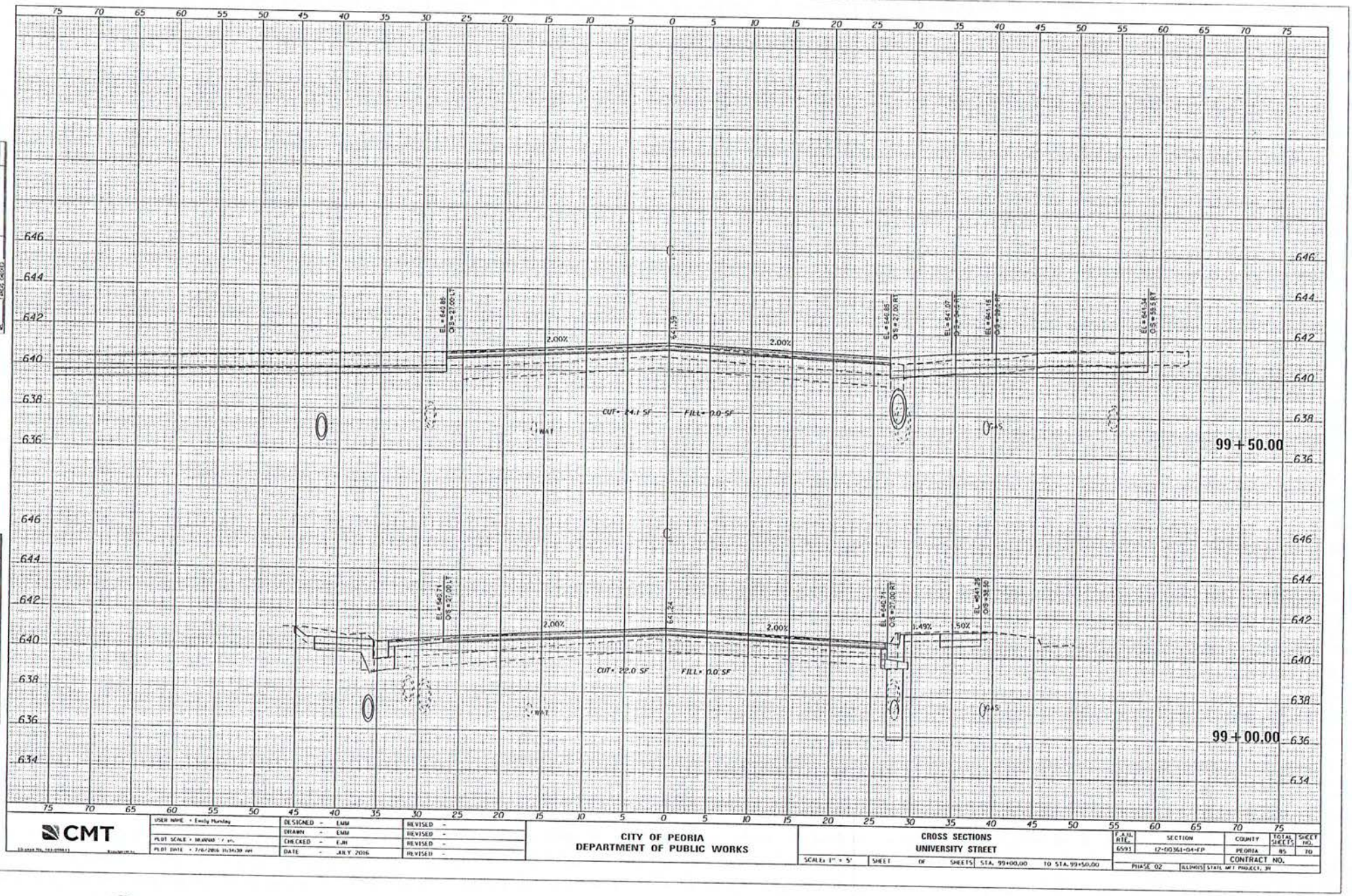
REVISED -
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 98+00.00 TO STA. 98+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-FP	PEORIA	85	69
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3P			



CMT

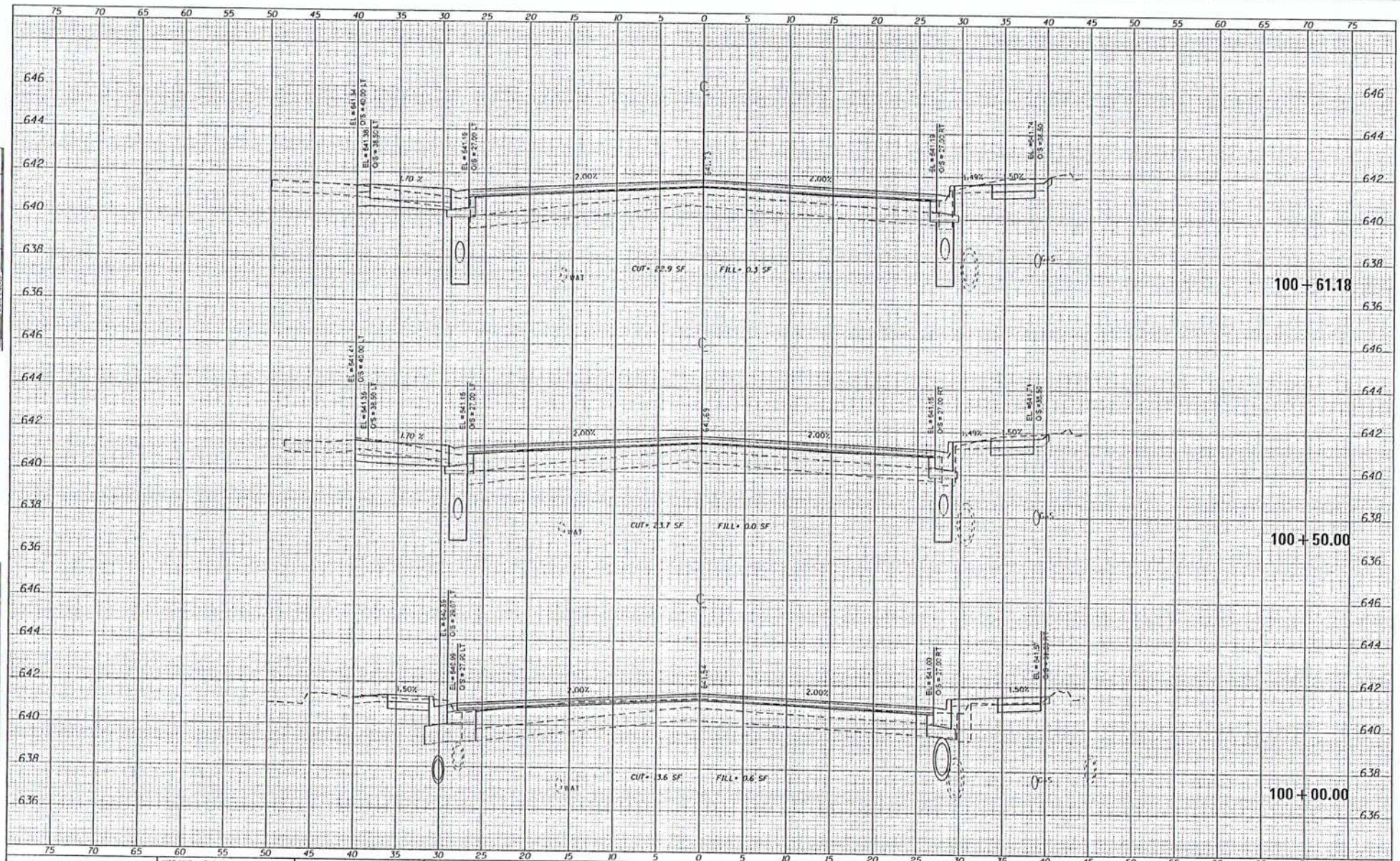
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:39 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 99+00.00 TO STA. 99+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-EP	PEORIA	85	70
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3R			



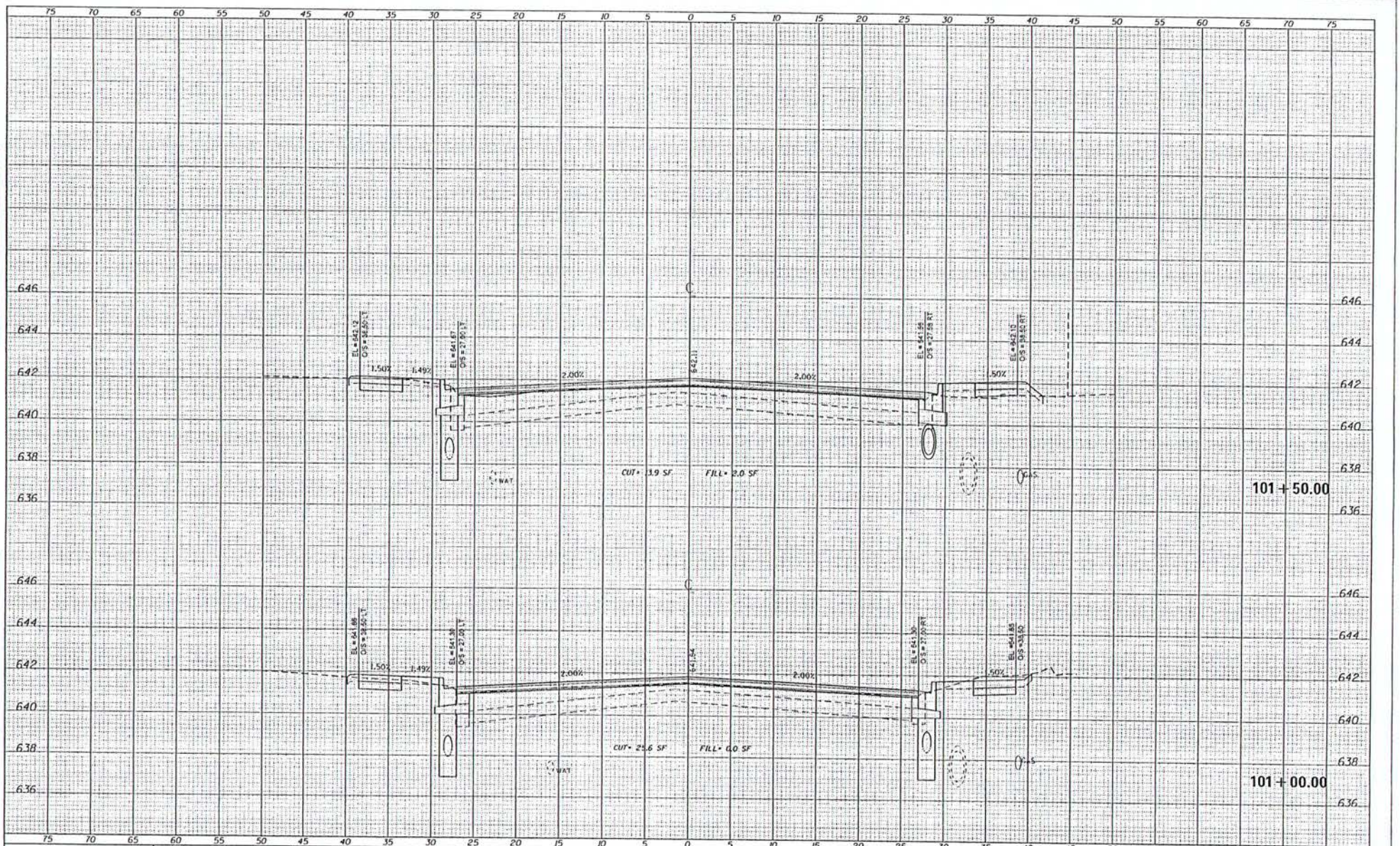
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 100+00.00 TO STA. 100+61.18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-EP	PEORIA	85	71
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE WFT PROJECT, 38		



CMT

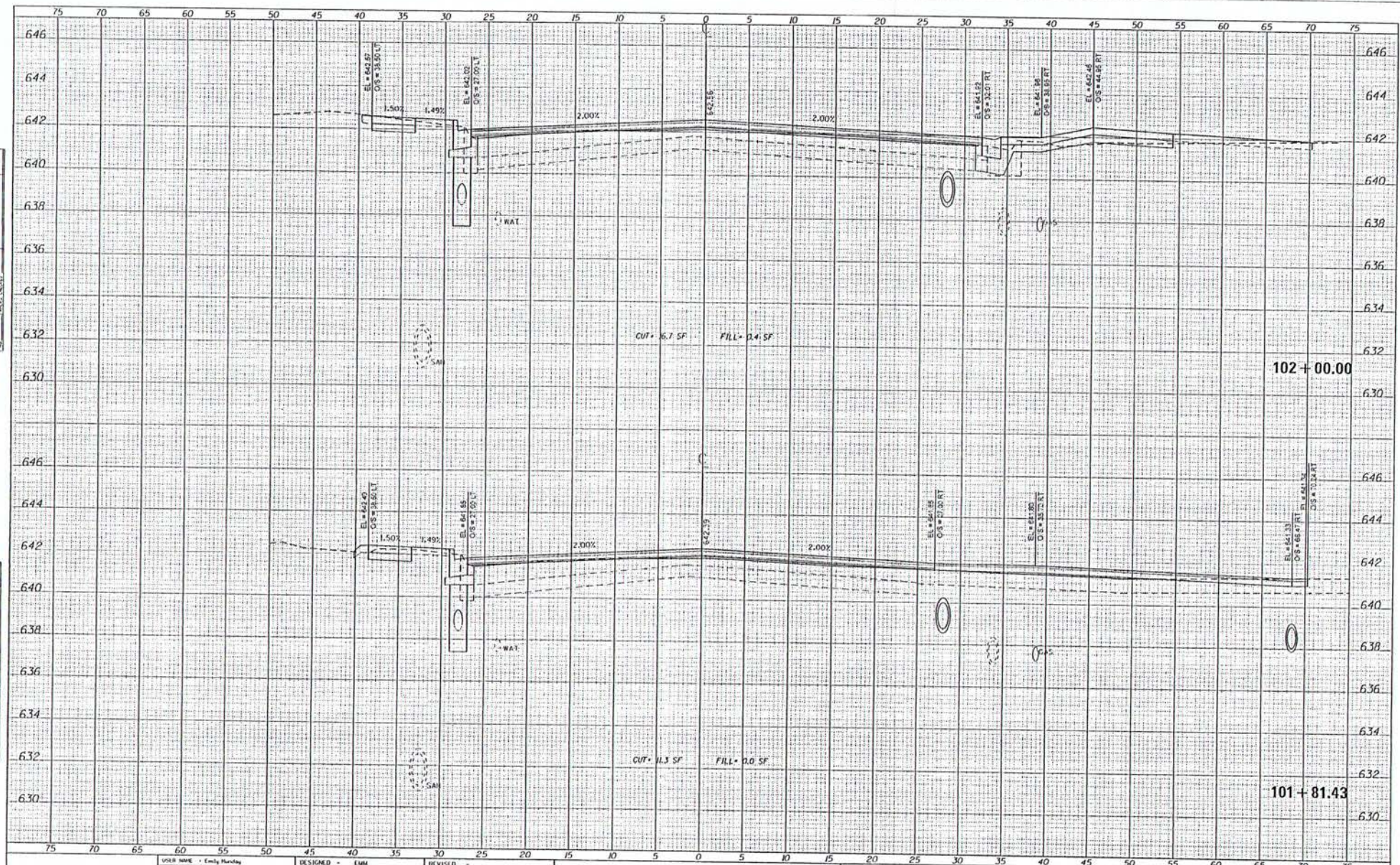
USER NAME = Emily Hensley	DESIGNED - EMM	REVISED -
	DRAWN - EMM	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -
PLOT DATE = 7/6/2016 11:34:39 AM	DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 101+00.00 TO STA. 101+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	72
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			



CMT

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PLOT SCALE = 10.0000 ' / in.	DRAWN - EMH	REVISED -	
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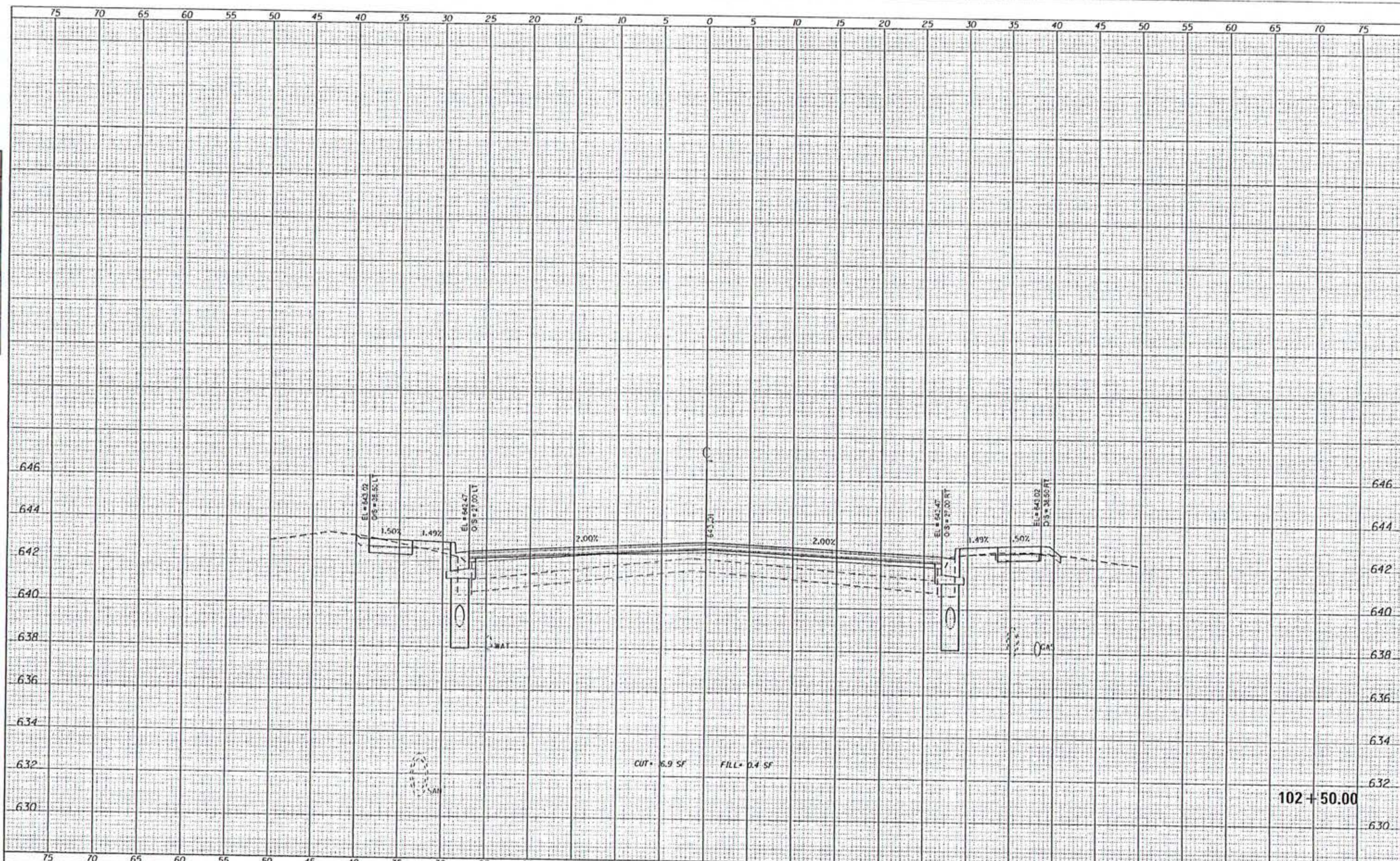
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 101+81.43 TO STA. 102+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	73
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE MFT PROJECT, 30		



CMT	USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
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	PLOT SCALE = 10.0000 ' / in.	CHECKED - EJH	REVISED -
	PLOT DATE = 7/6/2016 11:34:39 AM	DATE - JULY 2016	REVISED -

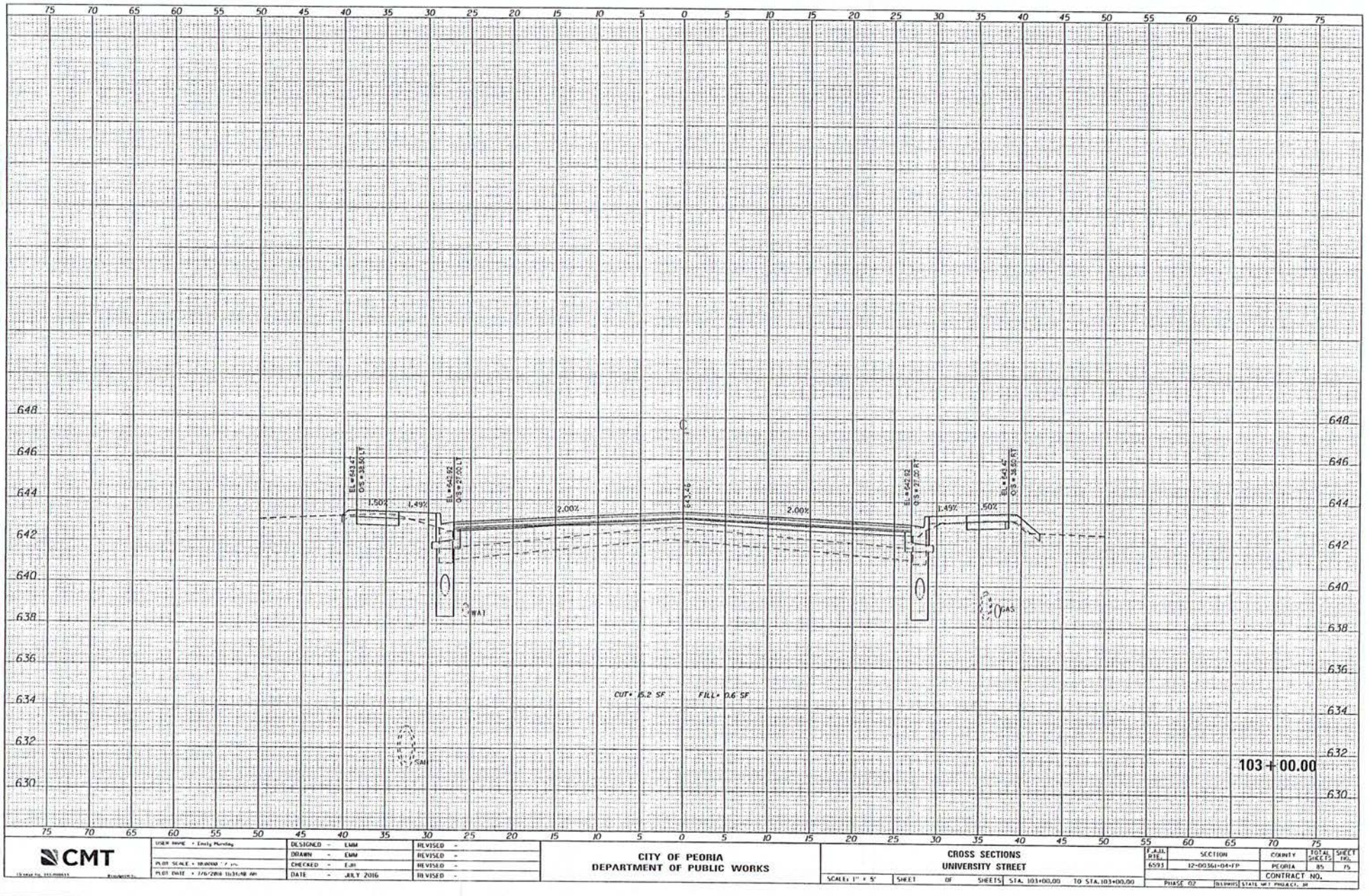
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 102+50.00 TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	74
		CONTRACT NO.		

PHASE 02 | ILLINOIS STATE MFT PROJECT, 3R



CMT

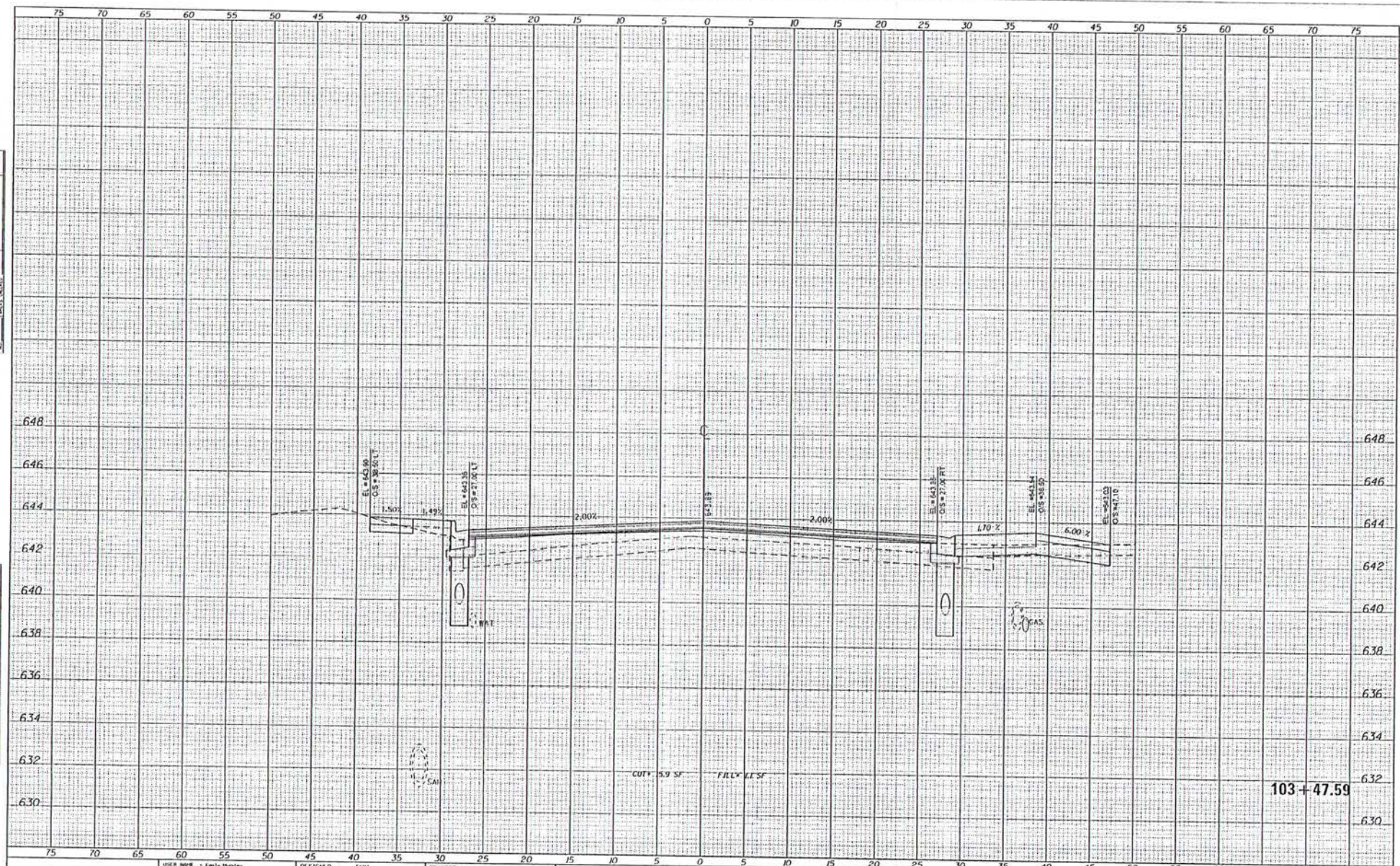
USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:31:48 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

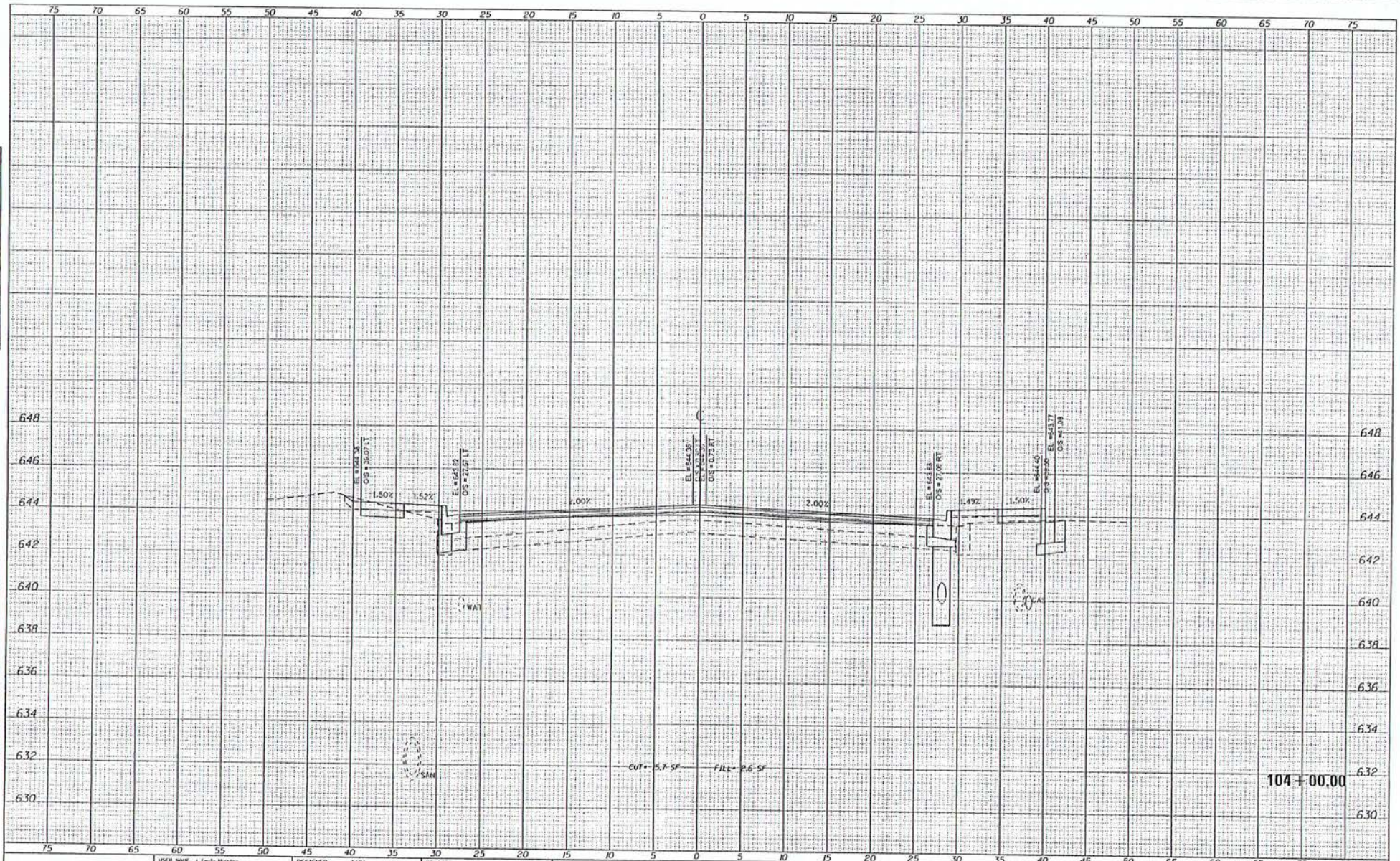
SCALE: 1" = 5' | SHEET OF SHEETS | STA. 103+00.00 TO STA. 103+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	75
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE ROUTE PROJECT, SR			



CMT	USER NAME = Emily Manley	DESIGNED - EMM	REVISED -	CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS	CROSS SECTIONS UNIVERSITY STREET
	PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -		SCALE: 1" = 5' | SHEET OF SHEETS | STA. 103+47.59 TO STA. 103+47.59
	PLOT DATE = 7/6/2016 11:34:48 AM	CHECKED - EJH	REVISED -		
		DATE - JULY 2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-RP	PEORIA	85	76
		CONTRACT NO.		
	PHASE 02	ILLINOIS STATE 1ST PROJECT, 3R		



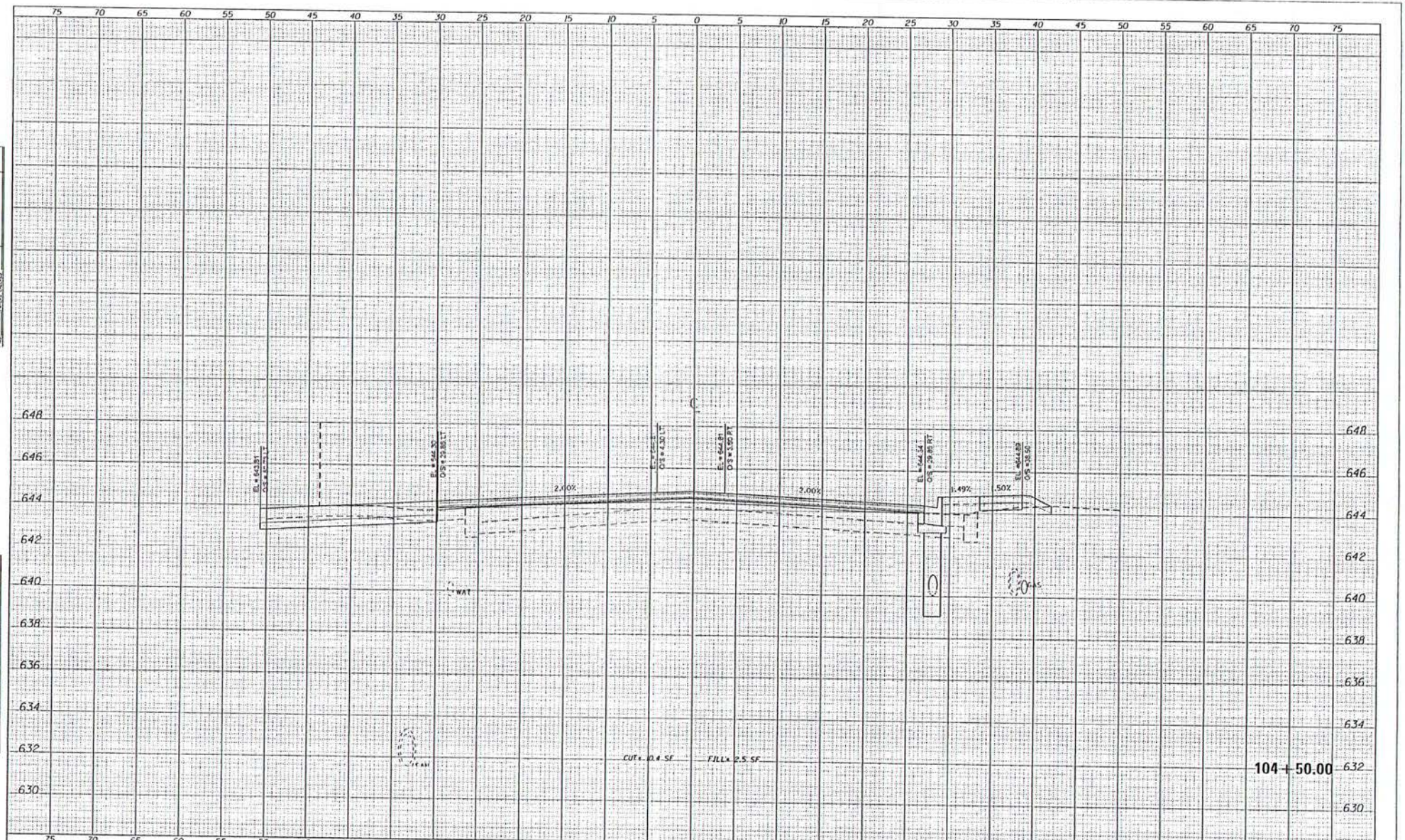
CMT	USER NAME = Emily Manley	DESIGNED - EMM	REVISED -
	PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -
	PLOT DATE = 7/6/2016 10:34:48 AM	CHECKED - EJH	REVISED -
		DATE - JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 104+00.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-EP	PEORIA	85	77
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			



CMT

USER NAME = Emily Munday
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 7/6/2016 11:34:41 AM

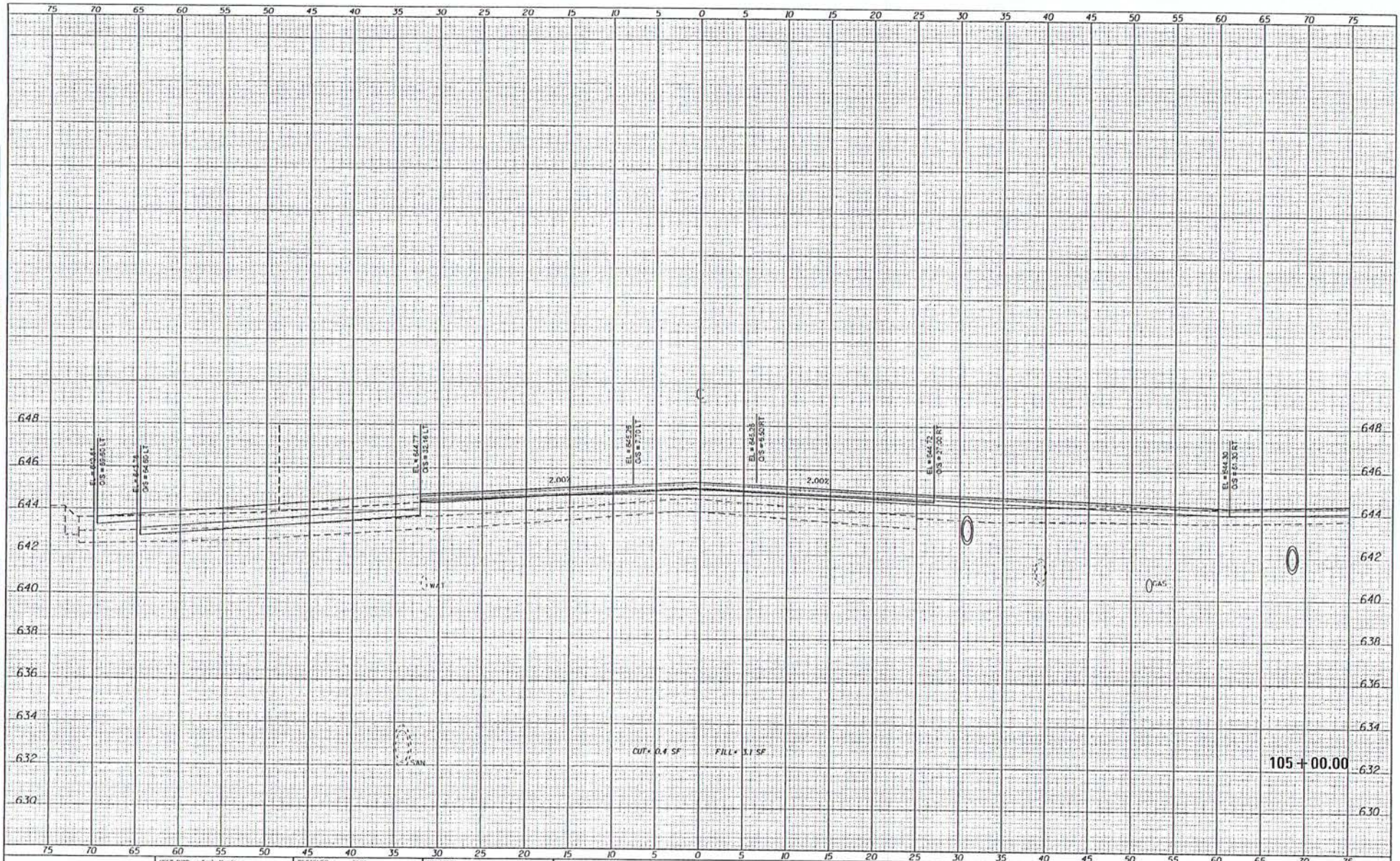
DESIGNED -	EMM	REVISED -
DRAWN -	EMM	REVISED -
CHECKED -	EJH	REVISED -
DATE -	JULY 2016	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 104+50.00 TO STA. 104+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	78
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE ROUTE PROJECT, JH			



CMT

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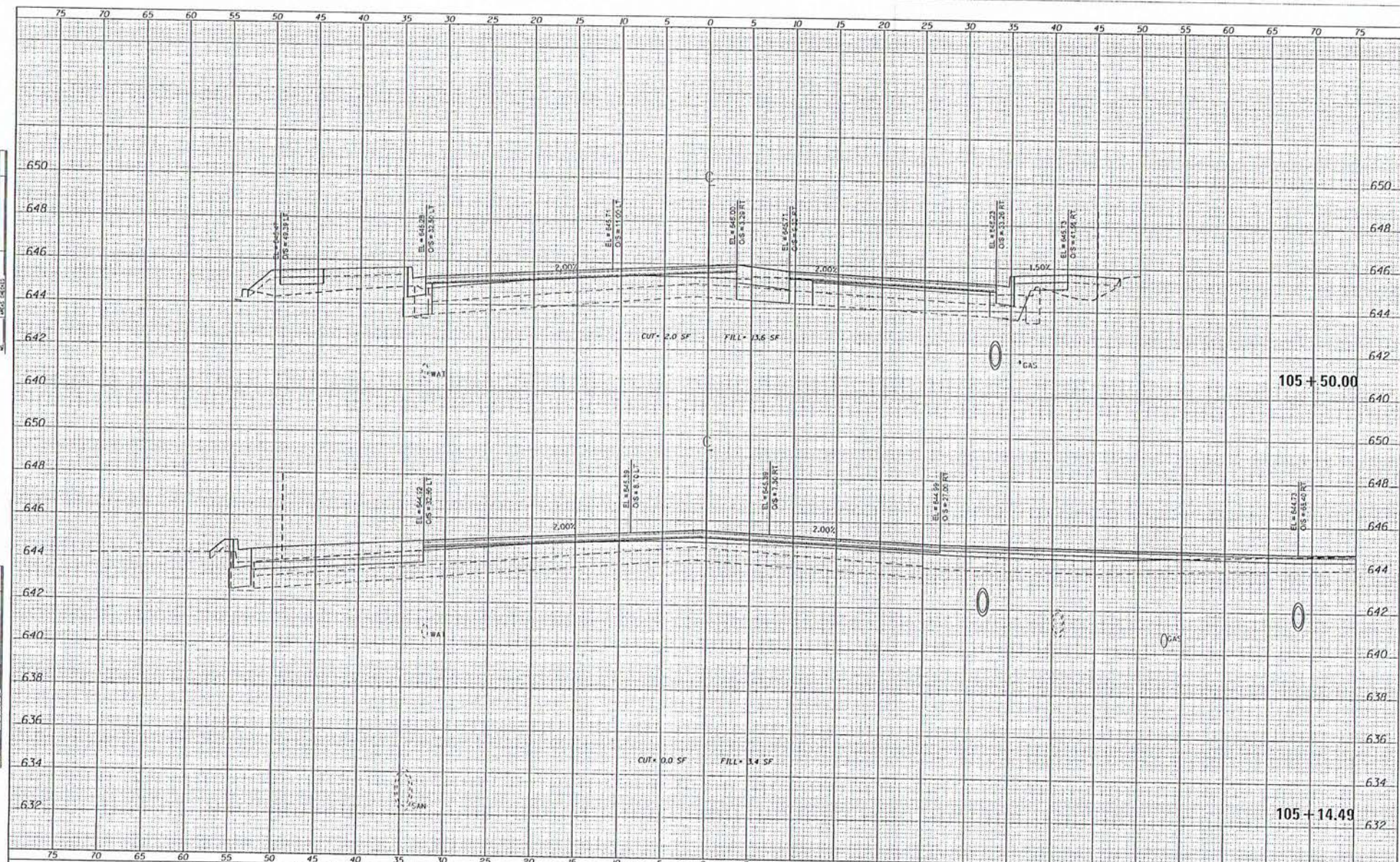
DRAWN - EMM		REVISED -
CHECKED - EJH		REVISED -
DATE - JULY 2016		REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 105+00.00 TO STA. 105+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	17-00361-04-FP	PEORIA	85	79
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE WFT PROJECT, 3R			



CMT

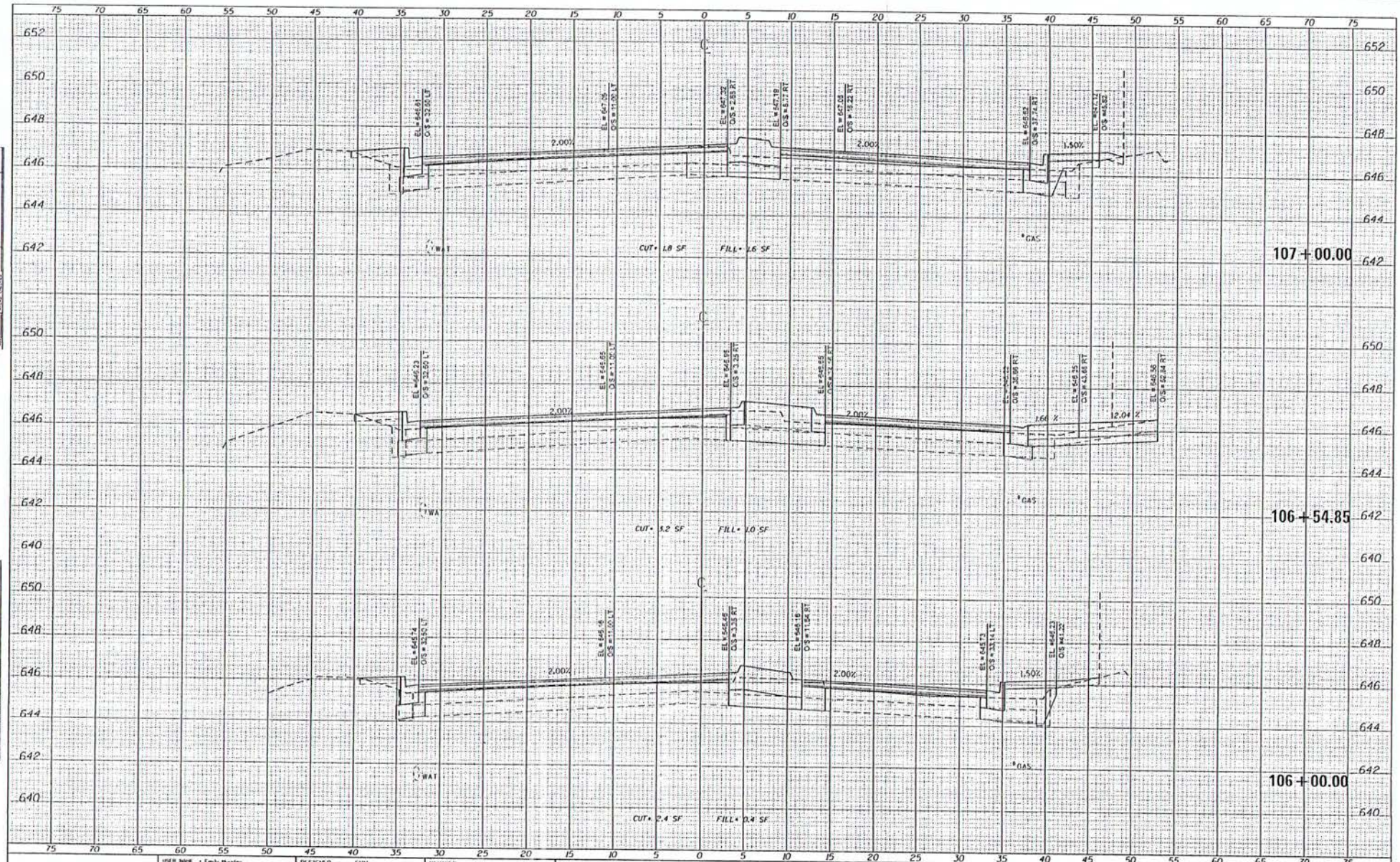
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 105+14.49 TO STA. 105+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	80
		CONTRACT NO.		
	PHASE 02	ILLINOIS STATE ART PROJECT, 39		

USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:12 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	



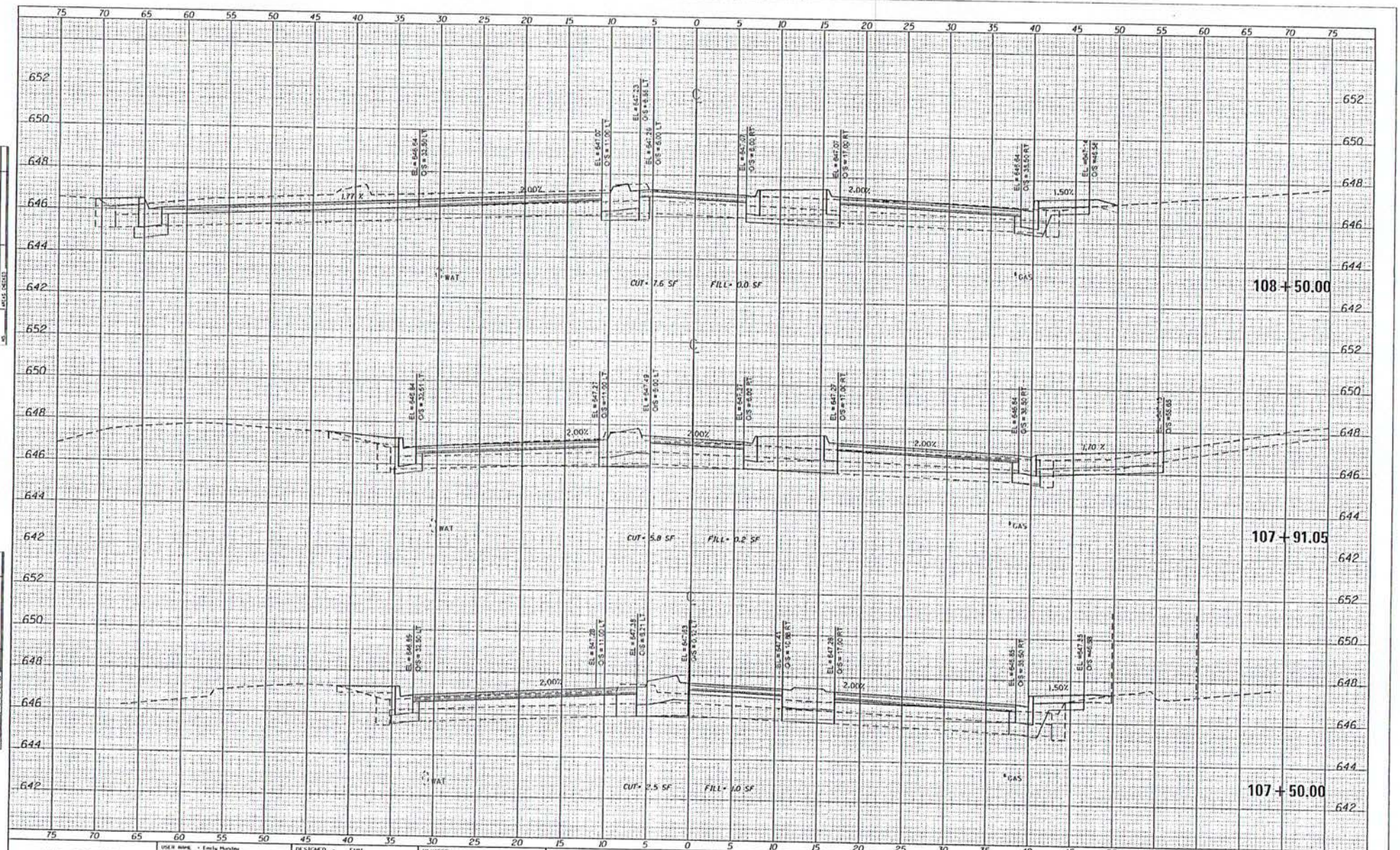
CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET | OF | SHEETS | STA. 106+00.00 | TO STA. 107+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	81
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 3R			



CMT

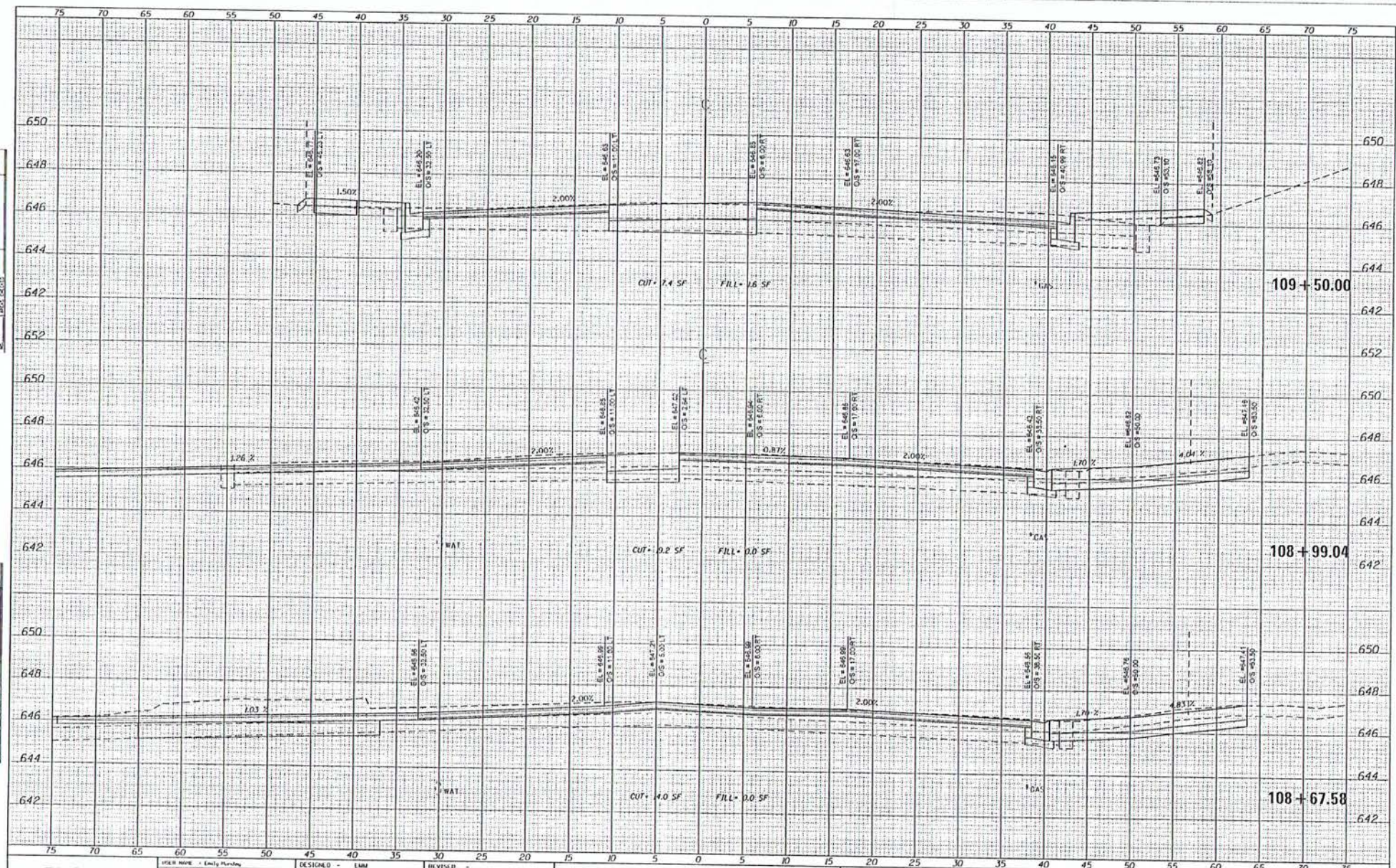
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 107+50.00 TO STA. 108+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-EP	PEORIA	85	82
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, 39			

USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 1.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:24:42 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	



CMT

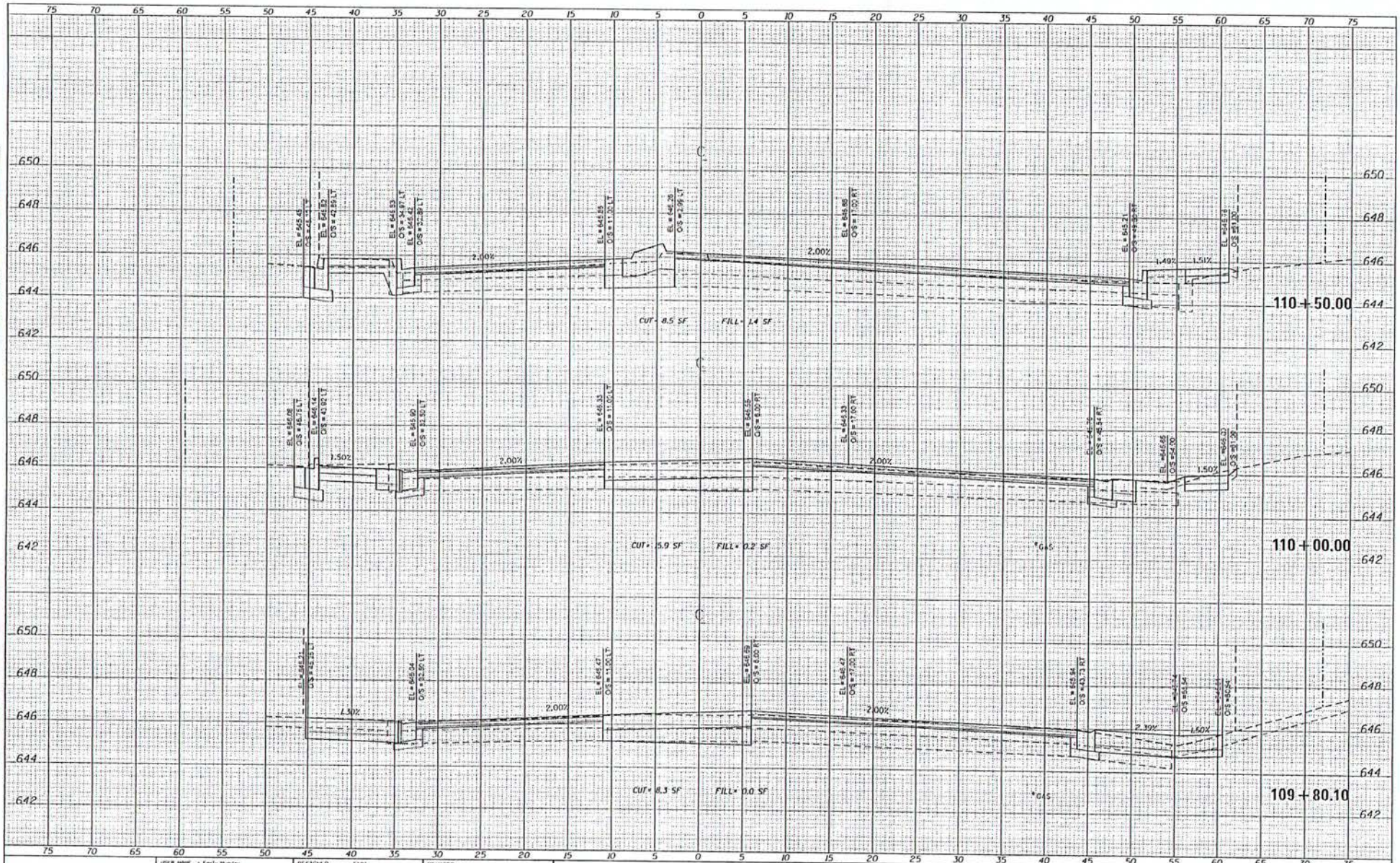
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 50.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:43 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 108+67.58 TO STA. 109+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	83
		CONTRACT NO.		
PHASE 02	ILLINOIS	STATE KEY PROJECT, 38		



CMT

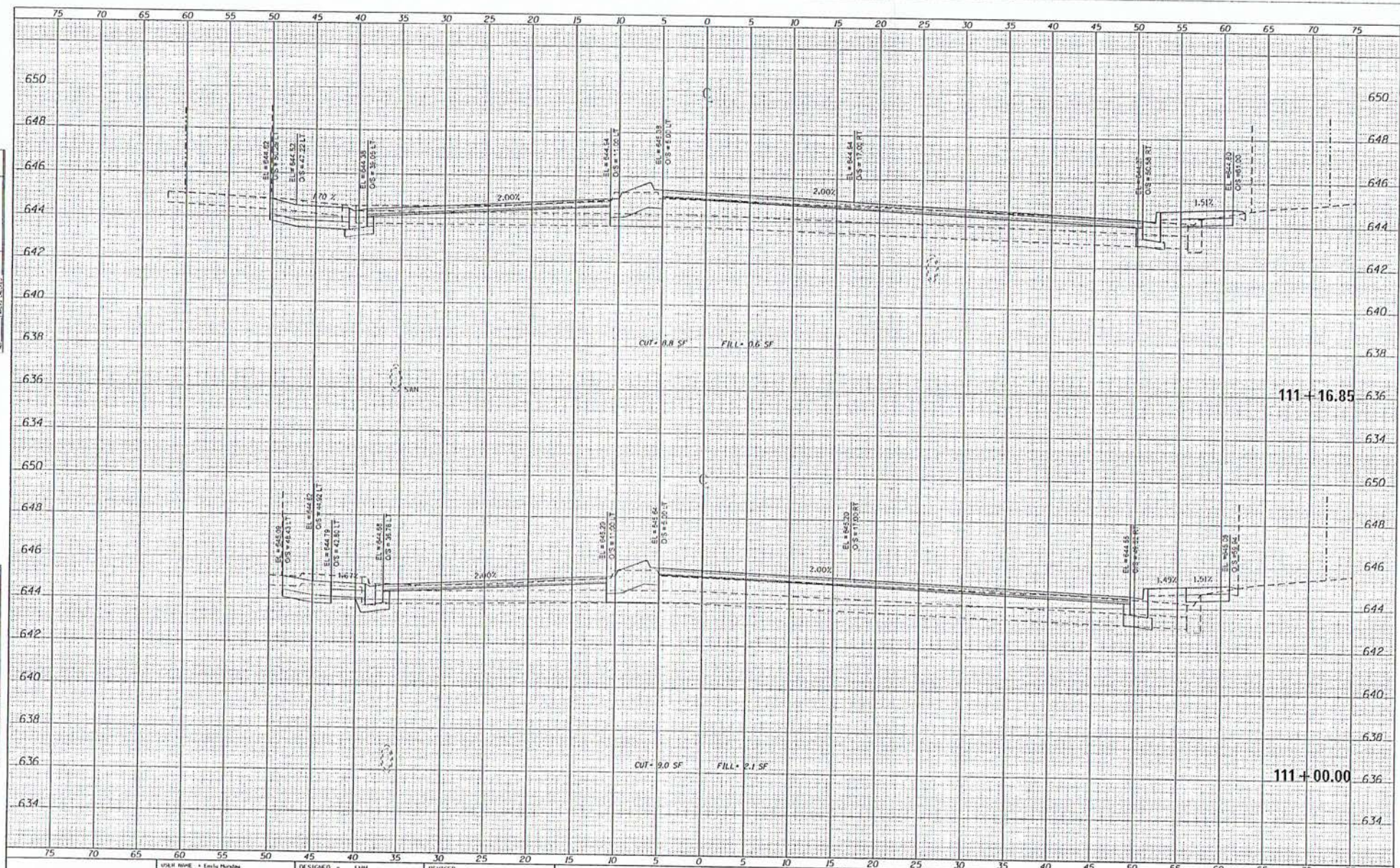
USER name = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 10.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 11:34:43 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 109+80.10 TO STA. 110+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6593	12-00361-04-FP	PEORIA	85	84
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, JP			



CMT

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
UNIVERSITY STREET

SCALE: 1" = 5' | SHEET OF SHEETS | STA. 111+00.00 TO STA. 111+16.85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6521	12-00361-04-FP	PEORIA	85	85
		CONTRACT NO.		
PHASE 02	ILLINOIS STATE MFT PROJECT, JH			

USER NAME = Emily Munday	DESIGNED - EMM	REVISED -	
PLOT SCALE = 50.0000 ' / in.	DRAWN - EMM	REVISED -	
PLOT DATE = 7/6/2016 10:34:44 AM	CHECKED - EJH	REVISED -	
	DATE - JULY 2016	REVISED -	