

**CITY OF PEORIA
CONTRACT**

This agreement, made and entered into this 14th day of December 2021, by and between the City of Peoria, an Illinois Municipal Corporation, Party of The First Part, and KNAPP CONCRETE CONTRACTORS, INC., Party of The Second Part for the improvement known as the SPRING LANE AND ORCHARD LANE PROJECT;

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 furnish and deliver all the work, materials and supplies in accordance with the specifications contained in said proposal, and in full compliance with all the terms of this agreement, for the amount of FOUR HUNDRED SIXTY ONE THOUSAND SIX AND 00/100 DOLLARS (\$461,006.00).

IT IS UNDERSTOOD AND AGREED that the instructions to bidders, proposal, bid, specifications, performance bond and maintenance bond are component parts of this contract and shall be deemed a part hereof. It is also understood and agreed that the contractor shall not assign, transfer, convey or otherwise dispose of this contract, or his right to execute it, or his right, title or interest in or to it or any part thereof, unless the previous written consent of the City Manager of the City of Peoria shall first be obtained thereto.

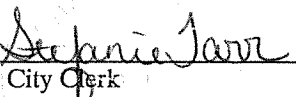
EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:

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 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.


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

THE CITY OF PEORIA

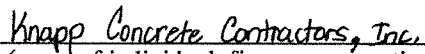
BY: 
City Manager

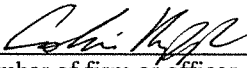
ATTEST: 
City Clerk

EXAMINED AND APPROVED:


Corporation Counsel

PARTY OF THE SECOND PART


(name of individual, firm or corporation)

BY: 
(member of firm or officer of corporation)

(If a Co-Partnership)
_____(seal)
_____(seal)

Partners doing business under the firm name
of _____(seal)
(PARTY OF THE SECOND PART)
(If an Individual)

_____(seal)
(PARTY OF THE SECOND PART)

CITY OF PEORIA
PERFORMANCE BOND

Bond Number: 5947228

KNOW ALL MEN BY THESE PRESENTS, That I/we KNAPP CONCRETE CONTRACTORS, INC.,
an individual, of _____
a co-partnership, of _____
a corporation organized under the laws of the State of Illinois
as Principal, and Old Republic Surety Company
a corporation organized and existing under the laws of the State of Wisconsin with
authority to do business in the State of Illinois, as Surety, are held and firmly bound unto the City of

Peoria, Peoria County, State of Illinois, in the penal sum of FOUR HUNDRED SIXTY ONE THOUSAND SIX AND 00/100 DOLLARS (\$461,006.00) lawful money of the United States, well and truly to be paid unto said City of Peoria for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly, severally, and firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATIONS IS SUCH that whereas, the said Principal has entered into a contract with the City of Peoria for SPRING LANE AND ORCHARD LANE PROJECT in accordance with the terms and conditions of said contract, which is hereby referred to and made a part hereof as if fully set forth herein;

NOW, THEREFOR, the condition of this obligation is such, that if the above bounden Principal shall well and truly keep, do and perform, each and every, all and singular, the matters and things in said contract set forth and specified to be by said Principal kept, done and performed, at the times and in the manner in said contract specified, or shall pay over, make good and reimburse the City of Peoria, all loss and damage which it may sustain by reason of the failure or default on the part of the Principal so to do, then this obligation shall be null and void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, we have duly executed the foregoing Obligation this 10th day of January, 2022

FOR THE CITY OF PEORIA

EXAMINED AND APPROVED:

Corporation Counsel

[Signature]
Principal

[Signature]
Sureties

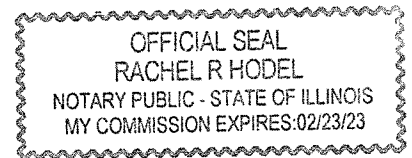


STATE OF IL)
) SS
COUNTY OF Woodford)

I, Rachel Hodel, a Notary Public in and for said County, in the State aforesaid, do hereby certify that Gabriel Meiss, who is personally known to me to be the same person who signed the above foregoing instrument as the Attorney in Fact for Old Republic Surety Company, appeared before me this day in person and acknowledged that he signed the name of Gabriel Meiss, thereto, as his Principal, and his own name as Attorney in Fact, as the free and voluntary act of his said Principal for the uses and purposes therein set forth, and that he executed the said instrument under authority given him by his said Principal.

Given under my hand and Notarial Seal, this 10 day of January, 2022

Rachel Hodel
Notary Public





OLD REPUBLIC SURETY COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint: DONALD J. ENDRESS, ARLEN EDELMAN, TRENT W. SCHOLL, AUSTIN ENDRESS, GABRIEL MEISS of EAST PEORIA, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company

- (i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
- (ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
- (iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 26th day of August, 2021.

Karen J. Haffner

Assistant Secretary



OLD REPUBLIC SURETY COMPANY

Alan Pavlic

President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 26th day of August, 2021, personally came before me, Alan Pavlic and Karen J. Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson

Notary Public

My Commission Expires: September 28, 2022
(Expiration of notary's commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

40-0533



Signed and sealed at the City of Brookfield, WI this 10th day of January, 2022.

Karen J. Haffner

Assistant Secretary

ORSC 22262 (3-06)

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1. Notice of Bidding

- a. Time and Place of Opening Bids. Sealed proposals for the improvement described herein will be received at the Office of the City Engineer, Public Works Facility, 3505 N. Dries Lane, Peoria, Illinois, until 10:00 A.M., Tuesday, November 16, 2021 and at that time publicly opened and read.
- b. Description of Work.
 - i. *Proposed improvement is officially known as Spring Lane and Orchard Lane Project.*
 - ii. *The proposed improvement consists of installing 1,044 linear feet of culvert pipes, 246 linear feet of storm sewer, connecting structures, and constructing roadside ditches within the street right of way. The work includes driveway reconstruction, relocating mailboxes as necessary, and restoration of surface conditions within the construction area.*

2. Copies of Bidding Documents

- a. Plans, proposal forms, and specifications for the proposed project can be obtained at no charge by requesting an electronic plan set from pwdropbox@peoriagov.org
- b. Complete sets of Bidding Documents shall be used in preparing Bids; neither City nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- c. City and Engineer, in making copies of Bidding Documents available on the above terms, do so only for the purpose of obtaining Bids for the Work and do not authorize or confer a license for any other use.

3. Qualifications of Bidders

- a. To demonstrate Bidder's qualifications to perform the Work, Bidder shall submit with its Bid the following information:
 - i. *Evidence of Bidder's authority to do business in the state where the Project is located.*
 - ii. *Evidence of Bidder's prequalification with the Illinois Department of Transportation to perform the type of work required to complete this Project.*
 - iii. *Bidder's state or other contractor license number, if applicable.*
- b. A Bidder's failure to submit required qualification information within the times indicated may disqualify Bidder from receiving an award of the Contract.
- c. No requirement in this Article 3 to submit information will prejudice the right of City to seek additional pertinent information regarding Bidder's qualifications.
- d. Bidder is advised to carefully review those portions of the Bid Form requiring Bidder's representations and certifications.

4. Site Visit and Testing by Bidders

- a. Bidder shall conduct the required Site visit during normal working hours and shall not disturb any ongoing operations at the Site.
- b. Bidder is not required to conduct any subsurface testing, or exhaustive investigations of Site conditions.

INSTRUCTIONS TO BIDDERS

- c. On request, and to the extent City has control over the Site, and schedule permitting, the City will provide Bidder access to the Site to conduct such additional examinations, investigations, explorations, tests, and studies as Bidder deems necessary for preparing and submitting a successful Bid. City will not have any obligation to grant such access if doing so is not practical because of existing operations, security or safety concerns, or restraints on City's authority regarding the Site.
- d. Bidder shall comply with all applicable Laws and Regulations regarding excavation and location of utilities, obtain all permits, and comply with all terms and conditions established by City or by property owners or other entities controlling the Site with respect to schedule, access, existing operations, security, liability insurance, and applicable safety programs.
- e. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

5. Bidder's Representations

- a. It is the responsibility of each Bidder before submitting a Bid to:
 - i. *examine and carefully study the Bidding Documents, and any data and reference items identified in the Bidding Documents;*
 - ii. *visit the Site, conduct a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfy itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;*
 - iii. *become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work;*
 - iv. *consider the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs;*
 - v. *agree, based on the information and observations referred to in the preceding paragraph, that at the time of submitting its Bid no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents;*
 - vi. *become aware of the general nature of the work to be performed by City and others at the Site that relates to the Work as indicated in the Bidding Documents;*
 - vii. *promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer is acceptable to Bidder;*
 - viii. *determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work; and*

INSTRUCTIONS TO BIDDERS

- ix. *agree that the submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.*
- b. Bidder acknowledges a current City of Peoria EEO Certification Number is required prior to being awarded a City of Peoria Contract.

6. Contract Times

- a. The number of days within which, or the dates by which, the Work is to be substantially completed, and completed and ready for final payment, are set forth in the General Conditions.
- b. Provisions for liquidated damages, if any, for failure to timely attain a Milestone, Substantial Completion, or completion of the Work in readiness for final payment, are set forth in the General Conditions.

7. Substitute and "Or-Equal" Items

- a. The Contract for the Work, as awarded, will be based on materials and equipment specified or described in the Bidding Documents without consideration during the bidding and Contract award process of possible substitute or "or-equal" items.
- b. In cases in which the Contract allows the Contractor to request that Engineer authorize the use of a substitute or "or-equal" item of material or equipment, application for such acceptance may not be made to and will not be considered by Engineer until after the Effective Date of the Contract.

8. Subcontractors, Suppliers, and Others

- a. A Bidder shall be prepared to retain specific Subcontractors, Suppliers, or other individuals or entities for the performance of the Work if required by the Bidding Documents (most commonly in the Special Conditions) to do so. If a prospective Bidder objects to retaining any such Subcontractor, Supplier, or other individual or entity, and the concern is not relieved by an Addendum, then the prospective Bidder should refrain from submitting a Bid.
- b. After the submittal of the Bid, City may not require the Successful Bidder or Contractor to retain any Subcontractor, Supplier, or other individual or entity against which Contractor has reasonable objection.
- c. The apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to City a list of the Subcontractors or Suppliers proposed.

9. Preparation of Bid

- a. The Bid Form is included with the Bidding Documents.
 - i. *All blanks on the Bid Form shall be completed and the Bid Form signed. A Bid price shall be indicated for each section, Bid item, alternate, adjustment unit price item, and unit price item listed therein.*

INSTRUCTIONS TO BIDDERS

- ii. Each Bidder is required to submit prices for the Base Bid and Alternate Bid.*
- b. A Bid by a corporation shall be executed in the corporate name by a corporate officer (whose title must appear under the signature), accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown. The corporate seal shall be affixed and attested by the corporate secretary or an assistant corporate secretary.
 - c. A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The address for receiving notices of the partnership shall be shown.
 - d. A Bid by a limited liability company shall be executed in the name of the firm by a member or other authorized person and accompanied by evidence of authority to sign. The state of formation of the firm and the address for receiving notices of the firm shall be shown.
 - e. A Bid by an individual shall show the Bidder's name and address for receiving notices.
 - f. A Bid by a joint venture shall be executed by an authorized representative of each joint venture in the manner indicated on the Bid Form. The address for receiving notices of the joint venture shall be shown.
 - g. All names shall be printed below the signatures.
 - h. The Bid shall acknowledgment receipt of all Addenda on the Bid Form.
 - i. Postal and e-mail addresses and telephone number for communications regarding the Bid shall be shown.
 - j. The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located, or Bidder shall covenant in writing to obtain such authority and qualification prior to award of the Contract and attach such covenant to the Bid. Bidder's state contractor license number, if any, shall also be shown on the Bid Form.
 - k. All proposals must be accompanied by a proposal guaranty. Such guaranty may be in the form of a Bid Bond provided in this document, a proposal guarantee of cash, a Bank Cashier Check, or a properly certified check made payable to the City of Peoria, for not less than five percent (5%) of the amount of the bid.

10. Opening of Bids, Modification, and Withdrawal

- a. Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.
- b. A Bid may be withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened Bid will be returned to the Bidder.

INSTRUCTIONS TO BIDDERS

- c. If a Bidder wishes to modify its Bid prior to Bid opening, Bidder must withdraw its initial Bid and submit a new Bid prior to the date and time for the opening of Bids.
- d. If within 24 hours after Bids are opened any Bidder files a duly signed written notice with City and promptly thereafter demonstrates to the reasonable satisfaction of City that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid, that Bidder will be disqualified from further bidding on the Work.

11. Evaluation of Bids and Award of Contract

- a. All Bids will remain subject to acceptance for the period stated in the Bid Form, but City may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.
- b. City reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. City will reject the Bid of any Bidder that City finds, after reasonable inquiry and evaluation, to not be responsible. If Bidder purports to add terms or conditions to its Bid, takes exception to any provision of the Bidding Documents, or attempts to alter the contents of the Contract Documents for purposes of the Bid, then the City will reject the Bid as nonresponsive; provided that City also reserves the right to waive all minor informalities not involving price, time, or changes in the Work.
- c. If City awards the contract for the Work, such award shall be to the responsible Bidder submitting the lowest responsive Bid.
- d. Evaluation of Bids
 - i. *In evaluating Bids, City will consider whether the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.*
 - ii. *For the determination of the apparent low Bidder when unit price bids are submitted, Bids will be compared based on the total of the products of the estimated quantity of each item and unit price Bid for that item, together with any lump sum items*
- e. In evaluating whether a Bidder is responsible, City will consider the qualifications of the Bidder and may consider the qualifications and experience of Subcontractors and Suppliers proposed for those portions of the Work for which the identity of Subcontractors and Suppliers must be submitted as provided in the Bidding Documents.
- f. City may conduct such investigations as City deems necessary to establish the responsibility, qualifications, and financial ability of Bidders and any proposed Subcontractors or Suppliers.
- g. When the Successful Bidder delivers the Agreement (executed by Successful Bidder) to City, it shall be accompanied by required bonds and insurance documentation.

12. Signing of Agreement

City of Peoria
Capital Improvement Project
Spring Lane and Orchard Lane Project
PROPOSAL DOCUMENTS

INSTRUCTIONS TO BIDDERS

- a. When City issues a Notice of Award to the Successful Bidder, it shall be accompanied by the unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement.
- b. Within Ten (10) days thereafter, Successful Bidder shall execute and deliver the required number of counterparts of the Agreement (and any bonds and insurance documentation required to be delivered by the Contract Documents) to City.

13. Sales and Use Taxes - City is exempt from Illinois state sales and use taxes on materials and equipment to be incorporated in the Work.

City of Peoria, Illinois
Spring Lane and Orchard Lane Project
Project No. O2107

ADDENDUM NUMBER 1

November 12, 2021

All prospective Bidders for the Project are directed to the following additions and/or modifications to the advertised Bidding Documents, Contract Documents, and Specifications.

This addendum shall be acknowledged in Article 3 of the Proposal Bid Form.

SPEC. SECTION and/or PLAN SHEET(s)	DESCRIPTION
Proposal Bid Form, 4.01 H.	<p><u>Delete</u> the following text, "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."</p> <p><u>Insert</u> the following text, "Each Bidder must demonstrate previous experience completing the type of construction work necessary for the project. A completed Bidder Qualification Statement must accompany all proposals. Prequalification with the Illinois Department of Transportation is acceptable evidence of Bidders qualification. IDOT prequalified Bidders are not required to submit Schedule A or Schedule B with the Bidder Qualification Statement. Bidders shall include a copy of their Illinois Department of Transportation "Certificate of Eligibility" with their Bid. Bidders not prequalified with IDOT, shall submit Schedule A and B of the Bidders Qualification Statement as evidence of experience to complete the type of work required to complete the project.</p> <p>Signing this Bid Form and signing the Bidder Qualification Statement indicate Bidder is qualified and available to complete the Project as described in the contract documents."</p>
IV. Special Provisions	<p>Add the following:</p> <p>M. The following Recurring Special Provisions as listed on BLR 11300 (Rev 01/05/21) are incorporated with these contract documents: #25, LRS 3, LRS 4, and LRS 5.</p>

Attachments to Addendum 1:

1. Proposal Bid Form, dated 11/12/21
2. Bidder Qualification Statement, dated 11/12/21
3. Index for Supplemental Specifications and Recurring Special Provisions, adopted 1/1/2021

Whenever this addendum conflicts with the advertised Bidding Documents, Contract Documents and Specifications, this addendum shall govern.

END OF ADDENDUM NUMBER 1

- E. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- F. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- G. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- H. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- I. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding.
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. “Corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. “Fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. “Collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

- E. 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.
- F. 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.
- G. 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 2018-2019 and 2020-2021 reduction in force, furlough or early retirement incentive programs offered in those years.
- H. Each Bidder must demonstrate previous experience completing the type of construction work necessary for the project. A completed Bidder Qualification Statement must accompany all proposals. Prequalification with the Illinois Department of Transportation is acceptable evidence of Bidders qualification. IDOT prequalified Bidders are not required to submit Schedule A or Schedule B with the Bidder Qualification Statement. Bidders shall include a copy of their Illinois Department of Transportation “Certificate of Eligibility” with their Bid. Bidders not prequalified with IDOT, shall submit Schedule A and B of the Bidders Qualification Statement as evidence of experience to complete the type of work required to complete the project. Signing this Bid Form and signing the Bidder Qualification Statement indicate Bidder is qualified and available to complete the Project as described in the contract documents.
- I. To be awarded a contract all Suppliers, Vendors, Contractors to the City of Peoria, must be registered in the City of Peoria’s Contract Compliance Program and have a current EEO Certification Number. This program is unrelated to any State and Federal program.

City of Peoria
Capital Improvement Project
Spring Lane and Orchard Lane Project
PROPOSAL DOCUMENTS

PROPOSAL BID FORM

The number is secured by submitting to the Equal Opportunity Manager a completed Employer Report Form CC-1, a Fifty-dollar (\$50.00) processing fee and a copy of your company's sexual harassment policy statement, if you are a first-time applicant. Companies renewing their number do not have to submit a copy of their sexual harassment policy statement. The form may be obtained from the City's website at www.peoriagov.org/equal-opportunity/ by clicking on the link. You can also request a copy by e-mail or calling:

Equal Opportunity Manager
eeo@peoriagov.org
(309) 494-8530

The Fifty-dollar (\$50.00) processing fee can be paid by check, payable to the City of Peoria, or online through the State of Illinois E-Pay process. To pay online go to www.illinoisepay.com and follow the instructions. The only exception to payment of the processing fee is neighborhood associations.

Although all vendors are encouraged to obtain an EEO Certification Number, you do not need a number to respond to a bid. The number is only required prior to the award of a contract.

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: 03566-211231

ARTICLE 5 – BASIS OF BID

5.01 Base Bid: Bidder will complete the work in accordance with the contract documents for the following price(s):

Item	Description	Quantity	Unit	Unit Price	Amount
1	MULCH, METHOD 3	2	ACRE	\$4,000.00	\$8,000.00
2	CLASS D PATCHES, TYPE II, 4 INCH	33	SQ YD	\$132.00	\$4,356.00
3	MANHOLES, TYPE A, 4' DIAMETER, TYPE 8 GRATE	3	EACH	\$3,300.00	\$9,900.00
4	INLETS, TYPE A, TYPE 8 GRATE	4	EACH	\$2,300.00	\$9,200.00
5	EARTH EXCAVATION	905	CU YD	\$35.00	\$31,675.00
6	SEEDING, CLASS 1	1	ACRE	\$4,500.00	\$4,500.00
7	SODDING	2,730	SQ YD	\$18.00	\$49,140.00
8	STONE RIPRAP, CLASS A3	27	SQ YD	\$120.00	\$3,240.00
9	SUBBASE GRANULAR MATERIAL, TYPE B 6"	1,084	SQ YD	\$26.00	\$28,184.00

City of Peoria
Capital Improvement Project
Spring Lane and Orchard Lane Project
PROPOSAL DOCUMENTS

PROPOSAL BID FORM

Item	Description	Quantity	Unit	Unit Price	Amount
10	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	1,084	SQ YD	\$71.00	\$76,964.00
11	DRIVEWAY PAVEMENT REMOVAL	1,076	SQ YD	\$28.00	\$30,128.00
12	AGGREGATE SHOULDERS, TYPE A 6"	889	SQ YD	\$60.00	\$53,340.00
13	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2	EACH	\$1,250.00	\$2,500.00
14	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	3	EACH	\$1,500.00	\$4,500.00
15	STEEL FLARED END SECTIONS 12"	30	EACH	\$175.00	\$5,250.00
16	STEEL FLARED END SECTIONS 15"	8	EACH	\$231.00	\$1,848.00
17	STEEL FLARED END SECTIONS 18"	6	EACH	\$291.00	\$1,746.00
18	PIPE CULVERTS, CLASS D, TYPE 1 12"	408	FOOT	\$60.00	\$24,480.00
19	PIPE CULVERTS, CLASS D, TYPE 1 15"	123	FOOT	\$65.00	\$7,995.00
20	PIPE CULVERTS, CLASS D, TYPE 1 18"	84	FOOT	\$70.00	\$5,880.00
21	STORM SEWERS, CLASS A, TYPE 1, 12"	246	FOOT	\$70.00	\$17,220.00
22	STORM SEWERS, CLASS A, TYPE 1 15"	60	FOOT	\$80.00	\$4,800.00
23	STORM SEWERS, CLASS A, TYPE 1 18"	184	FOOT	\$90.00	\$16,560.00
24	MOBILIZATION	1	L SUM	\$10,000.00	\$10,000.00
25	RELOCATE EXISTING MAILBOX	32	EACH	\$250.00	\$8,000.00
26	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	L SUM	\$5,000.00	\$5,000.00
27	EROSION CONTROL, (SPECIAL)	1	L SUM	\$5,000.00	\$5,000.00
28	CONSTRUCTION LAYOUT	1	L SUM	\$6,000.00	\$6,000.00
29	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	320	FOOT	\$80.00	\$25,600.00
Total Base Bid Amount					\$461,006.00

in writing Four hundred sixty-one thousand, six dollars and 00/100

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment on or before the dates or within the number of calendar days indicated in the Special Provisions.
- 6.02 Bidder accepts the liquidated damages provisions provided in the General Conditions.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Bid Bond
 - B. Subcontractor Utilization Statement

- C. MBE/WBE Participation Waiver Request (if necessary)
- D. Qualifications Statement
- E. Bidders Certification – Document 00454
- F. Health Safety and Welfare Affidavit – Document 00456

ARTICLE 8 – BID SUBMITTAL

BIDDER: **Knapp Concrete Contractors, Inc.**

By:

[Signature]



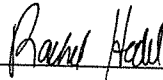
[Printed name]

Colin Knapp

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]



[Printed name]

Rachel Hodel

Title:

Office Manager

Submittal Date:

11/16/2021

Address for giving notices:

150 E. Martin Dr.

Goodfield, IL 61742

Telephone Number:

309-965-2618

Fax Number:

309-965-2614

Contact Name and e-mail address:

Rachel Hodel

rachel@knappconcrete.com

Bidder's License No.:

(Where applicable)

City of Peoria
Capital Improvement Project
PROPOSAL DOCUMENTS

BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER (Name and Address): Knapp Concrete Contractors, Inc.
150 E Martin Dr
Goodfield, IL 61742

SURETY (Name, and Address of Principal Place of Business): Old Republic Surety Company
445 S Moorland Rd, Suite 200
Brookfield, WI 53005

OWNER (Name and Address): City of Peoria
3505 N. Dries Ln
Peoria, IL 61604

BID

Bid Due Date: 11/16/2021

Description (Project Name— Include Location): Spring Lane and Orchard Lane No. O2107

BOND

Bond Number:

Date: 11/16/2021

Penal sum 5% of bond \$ 5% of bond
(Words) (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER

Knapp Concrete Contractors, Inc. (Seal)
Bidder's Name and Corporate Seal

SURETY

Old Republic Surety Company
Surety's Name and Corporate Seal



By:

[Signature]
Signature

Colin Knapp
Print Name

VP
Title

By:

[Signature]

Signature (Attach Power of Attorney)

Arlen Edelman
Print Name

Attorney-in-Fact
Title

Attest:

[Signature]
Signature

Estimator
Title

Attest:

[Signature]
Signature

Office Manager
Title

City of Peoria
Capital Improvement Project
PROPOSAL DOCUMENTS

BID BOND

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.



OLD REPUBLIC INSURANCE COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania stock insurance corporation, does make, constitute and appoint: DONALD J. ENDRESS, ARLEN EDELMAN, TRENT W. SCHOLL, AUSTIN ENDRESS, GABRIEL MEISS of EAST PEORIA, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than self-insurance workers compensation bonds guaranteeing payment of benefits, or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC INSURANCE COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a meeting held on December 10, 2019. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC INSURANCE COMPANY on December 10, 2019.

RESOLVED FURTHER, that the chairman, president or any vice president of the Company's surety division, in conjunction with the secretary or any assistant secretary of the Company, be and hereby are authorized and directed to execute and deliver, to such persons as such officers of the Company may deem appropriate, Powers of Attorney in the form presented to and attached to the minutes of this meeting, authorizing such persons to execute and deliver and affix the seal of the Company to bonds, undertakings, recognizances, and suretyship obligations of all kinds, other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and not guaranty bonds. The said officers may revoke any Power of Attorney previously granted to any such person.

- RESOLVED FURTHER that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
- (i) when signed by chairmen, president or any vice president of the Company's surety division and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
 - (ii) when signed by a duly authorized Attorney-in-Fact and sealed with the seal of the Company (if a seal be required).

RESOLVED FURTHER, that the signature of any officer designated above, and the seal of the Company, may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC INSURANCE COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 26th day of August, 2021

Karen J. Haffner
Assistant Secretary



OLD REPUBLIC INSURANCE COMPANY
Alan Pavlic
Vice President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 26th day of August, 2021, personally came before me, Alan Pavlic and Karen J. Haffner, to me known to be the individuals and officers of the OLD REPUBLIC INSURANCE COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say: that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said organization.



Kathryn R. Pearson
Notary Public

My Commission Expires: September 28, 2022

(Expiration of notary's commission does not invalidate this instrument)

CERTIFICATE I, the undersigned, assistant secretary of the OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.



Signed and sealed at the City of Brookfield, WI this _____ day of _____

Karen J. Haffner
Assistant Secretary

40-3

ORSC 11008 (6-93)

LEDGESTONE ASSOCIATES LLC

City of Peoria
Capital Improvement Project
PROPOSAL DOCUMENTS

PROPOSED PRODUCT SUBSTITUTIONS

1. The Total Base Bid Amount includes only those products specified in the Bidding Documents. Following is a list of substitute products which Bidder proposes to furnish on this project, with the difference in price being added to or deducted from the Total Bid Amount.
2. Bidder understands that the acceptance of any proposed substitution is at the Owner's option. Approval or rejection of any substitutions listed below will be indicated after executing the Contract.

3. PRODUCT SUBSTITUTION LIST

<u>MANUFACTURER'S NAME AND PRODUCT</u>	<u>ADD</u>	<u>DEDUCT</u>
N/A		

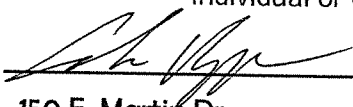
4. Bidder's proposal shall be in accordance with the provisions of Section 01630 - Product Substitution Procedures.

5. EVALUATION

Contract award will be made in accordance with Instructions to Bidders. Only the successful Bidder's Proposed Product Substitution List will be evaluated.

6. SIGNATURE OF BIDDER

Knapp Concrete Contractors, Inc.
Individual or Corporate Name

By 

Address 150 E. Martin Dr.

Goodfield, IL 61742

END OF DOCUMENT



**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**

PROJECT

Name: Knapp Concrete Contractors, Inc.
 Address: 150 E. Martin Dr., Goodfield, IL 61742
 Phone: 309-965-2618
 Contact Person: Rachel Hodel
 Email: rachel@knappconcrete.com

Name: Spring Lane & Orchard Lane
 Total Contract Value: \$461,006.00

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

Section III: Selected Subcontractors

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
Central Landscaping	WBE	\$51,950.00	11.27%	Seeding, mulch, sodding
Tazewell County Asphalt	Non	\$3,646.50	.79%	Asphalt
TOTALS				

**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
CJL	Sodding	Central had better overall price

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

CONTINUES ON NEXT PAGE

Section V: Subcontractors Contacted (M/WBE Only)

Subcontractor Name	Method of Contact	Contact Outcome
Kelch	Email	Not selected
Central Landscaping	Email/Phone Call	Awarded

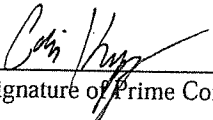
**If more than seven firms were contacted, please copy the form and attach the additional information.*

Section VI

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 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.



Signature of Prime Contractor

11/16/2021

Date

For Office Use Only
Reviewed by: _____



CITY OF PEORIA
MBE/ WBE PARTICIPATION WAIVER REQUEST

A. BIDDER/ PROPOSER HEREBY REQUESTS:

MBE WAIVER

WBE WAIVER

B. REASON FOR WAIVER REQUEST

Bidder/Proposer shall check each item applicable to its reason for an MBE or WBE waiver request. Additionally, supporting documentation shall be submitted with this request. If such supporting documentation cannot be submitted with bid/proposal/quotation, such documentation shall be submitted directly to the Equal Opportunity Office no later than three (3) days after submission date.

- (1) No MBEs/ WBEs responded to our invitation to bid.
- (2) No subcontracting opportunities exist on this project. **(Attach explanation)**
- (3) The award of subcontract(s) is unachievable. **(Attach explanation)**
- (4) There are other relevant factors making it impossible or economically infeasible to utilize MBE and/or WBE firms. **(Attach explanation)**

C. GOOD FAITH EFFORTS TO OBTAIN MBE/ WBE PARTICIPATION

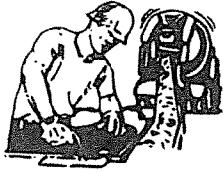
- (1) Made timely written solicitation to identified MBEs and WBEs for utilization of goods and/ or services; and provided MBEs and WBEs with a timely opportunity to review and obtain relevant specifications, terms and conditions of the proposal to enable MBEs and WBEs to prepare an informed response to solicitation. **(Attach explanation)**
- (2) Followed up with initial solicitation of MBEs and WBEs to determine if firms are interested in doing business. **(Attach explanation)**
- (3) Advertised in a timely manner in one or more daily newspapers and/or trade publication for MBEs and WBEs for supply of goods and services. **(Attach explanation)**
- (4) Used the services and assistance of the Equal Opportunity Office staff. **(Attach explanation)**
- (5) Engaged MBEs & WBEs for indirect participation. **(Attach explanation)**

FOR OFFICE USE ONLY

APPROVED **DISAPPROVED**

REVIEWED BY (1) _____ **DATE** _____

(2) _____ **DATE** _____



Knapp Concrete Contractors, Inc.

**150 E. Martin Dr.
Goodfield, IL 61742**

**Phone: 309-965-2618
Fax: 309-965-2614**

The only subcontracting opportunities on this project were landscaping and asphalt. Tazewell County Asphalt is the only asphalt company available in the area. We found WBE subs to bid the landscaping portion. Request waiver for MBE as there were no other subcontracting opportunities available.

THE INFORMATION SUPPLIED IN THIS DOCUMENT IS CONFIDENTIAL TO THE EXTENT PERMITTED BY LAWS AND REGULATIONS

1. SUBMITTED BY:

Official Name of Firm: Knapp Concrete Contractors, Inc.
Address: 150 E. Martin Dr.
Goodfield, IL 61742

2. SUBMITTED TO:

Owner: City of Peoria
Project Name: Spring Lane and Orchard Lane Project

TYPE OF WORK:

The project improvement will capture and route stormwater runoff within the street right of way to the natural stream that drains northeasterly. The work will require the excavation of roadside ditches, installation of new driveway culverts, new storm sewer pipe and inlet structures, and a new outlet pipe constructed within a permanent easement.

3. CONTRACTOR'S CONTACT INFORMATION

Contact Person: Rachel Hodel
Title: Office Manager
Phone: 309-846-1230
Email: rachel@knappconcrete.com

4. AFFILIATED COMPANIES:

Name: N/A
Address: _____

5. TYPE OF ORGANIZATION:

SOLE PROPRIETORSHIP

Name of Owner:

Doing Business As:

Date of Organization:

PARTNERSHIP

Date of Organization:

Type of Partnership:

Name of General Partner(s):

CORPORATION

State of Organization:

Illinois

Date of Organization:

09/20/1993

Executive Officers:

- President:

Steven Knapp

- Vice President(s):

John Ott/Colin Knapp

- Treasurer:

Tyler Knapp

- Secretary:

Gabriel Knapp

City of Peoria
Capital Improvement Project
Spring Lane and Orchard Lane Project
PROPOSAL DOCUMENTS

BIDDER QUALIFICATION STATEMENT

LIMITED LIABILITY COMPANY

State of Organization:

Date of Organization:

Members:

JOINT VENTURE

State of Organization:

Date of Organization:

Form of Organization:

Joint Venture Managing Partner

- Name:

- Address:

Joint Venture Managing Partner

- Name:

- Address:

Joint Venture Managing Partner

- Name:

- Address:

6. LICENSING

Jurisdiction: _____
Type of License: _____
License Number: _____
Jurisdiction: _____
Type of License: _____
License Number: _____

7. CERTIFICATIONS

Illinois Department of Transportation Contractor Number 3225
Disadvantage Business Enterprise: _____
Minority Business Enterprise: _____
Woman Owned Enterprise: _____
Small Business Enterprise: _____
Other (_____): _____

8. BONDING INFORMATION

Bonding Company: Old Republic
Address: 445 S Moorland Rd., Suite 200
Brookfield, WI 53005
Bonding Agent: Ledgestone Associates, LLC
Address: 410 N Main St.
East Peoria, IL 61611
Contact Name: Arlen Edelman
Phone: 309-846-6407

Aggregate Bonding Capacity: \$15,000,000.00

Available Bonding Capacity as of date of this submittal: \$10,000,000.00

9. CONSTRUCTION EXPERIENCE:

If not prequalified by the Illinois Department of Transportation, complete Schedule A and B.

Current Contract Work:

List on Schedule A all uncompleted projects currently under contract (If Joint Venture list each participant's projects separately).

Previous Experience:

List on Schedule B all projects completed within the last 5 Years (If Joint Venture list each participant's projects separately).

Has firm listed in Section 1 ever failed to complete a construction contract awarded to it?

YES NO

If YES, provide details as an Attachment including Project Owner's contact information.

Has any Corporate Officer, Partner, Joint Venture participant or Proprietor ever failed to complete a construction contract awarded to them in their name or when acting as a principal of another entity?

YES NO

If YES, provide details as an Attachment including Project Owner's contact information.

Are there any judgments, claims, disputes, or litigation pending or outstanding involving the firm listed in Section 1 or any of its officers (or any of its partners if a partnership or any of the individual entities if a joint venture)?

YES NO

If YES, provide details as an Attachment including Project Owner's contact information.

City of Peoria
Capital Improvement Project
Spring Lane and Orchard Lane Project
PROPOSAL DOCUMENTS

BIDDER QUALIFICATION STATEMENT

I HEREBY CERTIFY THAT THE INFORMATION SUBMITTED HERewith, INCLUDING ANY ATTACHMENTS, IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME OF ORGANIZATION: Knapp Concrete Contractors, Inc.

BY: 

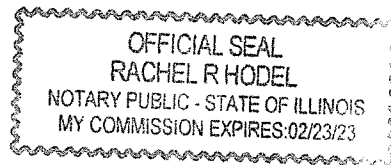
TITLE: Vice President

DATED: 11/16/2021

NOTARY ATTEST: Rachel Hodel

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 16 DAY OF November, 2021



NOTARY PUBLIC - STATE OF IL

MY COMMISSION EXPIRES: _____

REQUIRED ATTACHMENTS

1. Evidence of Certifications listed in Section 7
2. Schedule A (For Bidders not IDOT prequalified)
3. Schedule B (For Bidders not IDOT prequalified)
4. Additional items pertinent to YES responses in Section 9



**Illinois Department
of Transportation**

Certificate of Eligibility

Knapp Concrete Contractors, Inc
150 E. Martin Dr. GOODFIELD, IL 61742

Contractor No 3225

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED

001	EARTHWORK	\$2,775,000
012	DRAINAGE	\$1,200,000
017	CONCRETE CONSTRUCTION	\$7,450,000
034	DEMOLITION	\$825,000

\$25,414,000.00

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 5/20/2021 TO 4/30/2022 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION. ISSUED AT SPRINGFIELD, ILLINOIS ON 5/21/2021.

Tim Bell
Engineer of Construction

City of Peoria
Capital Improvement Project
PROPOSAL DOCUMENTS

BIDDER'S CERTIFICATION

IN COMPLIANCE WITH ARTICLE 33E TO THE "CRIMINAL CODE OF 1961"

I Colin Knapp _____, do hereby certify that:
Name

1. I am Vice President _____ of the Knapp Concrete Contractors, Inc. _____
Position Firm

and have authority to execute this certification on behalf of the firm;

2. This firm is not barred from bidding on this contract as a result of a violation of either Section 33E-3, Bid-rigging, or Section 33E-4, Bid Rotating, as set forth in Article 33E to the "Criminal Code of 1961".

Name of Firm Knapp Concrete Contractors, Inc. _____

Signature [Handwritten Signature] _____

Title Vice President _____

Date 11/16/2021 _____

Corporate Seal (where appropriate) _____

On this 16 day of November, 2021,

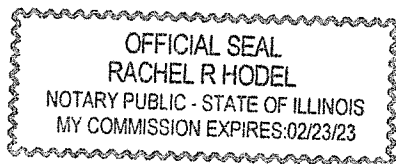
before me appeared (Name) Colin Knapp _____
to me personally known, who, being duly sworn, did execute the foregoing affidavit, and did

state that he or she was properly authorized by (Name of Firm) Knapp Concrete Contractors, Inc. _____

_____ to execute the affidavit and did so as his or her free act and deed.

Notary Public Rachel Hodel _____ Commission Expires _____

Notary Seal



END OF DOCUMENT

City of Peoria
Capital Improvement Project
PROPOSAL DOCUMENTS

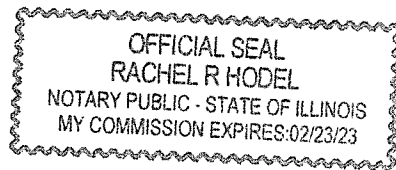
HEALTH SAFETY & WELFARE AFFIDAVIT

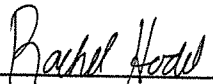
1. found to have been part of a pattern of similar violations, or one of three or more similar violations committed within the two years immediately preceding the submission of the bid, or
2. classified by an agency of the state or federal government as serious, or
3. one which threatened the health or safety of the workers employed by the bidder, or
4. one resulting in the payment of back wages and benefits of \$5,000 or more, or
5. one that resulted or could have resulted in the debarment of the bidder from contracting with the state or federal government, or any agency thereof.



Affiant

Subscribed and sworn to before me this 16 day of November, 20 21.





Notary Public

My Commission Expires: _____

END OF DOCUMENT

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2021

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 4-1-16) (Revised 1-1-21)

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Local Public Agency

County

Section Number

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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3	<input type="checkbox"/> EEO	101
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6	<input type="checkbox"/> Asbestos Bearing Pad Removal	122
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24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	153
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Local Public Agency

County

Section Number

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

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LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	207
LRS 5	<input checked="" type="checkbox"/> Contract Claims	208
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LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	215
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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)

**MINORITY AND WOMEN'S BUSINESS ENTERPRISE (M/WBE)
PARTICIPATION**

REQUIREMENTS FOR GOOD-FAITH EFFORTS
(Projects exceeding \$50,000)



- I. **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.
- II. **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.
 - C. 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.
- C. 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.
- D. 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

- A. 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.
- B. 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)

- A. 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.
- B. 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.
- C. 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.
 5. Use the following factors in determining if an M/WBE trucking company is performing a commercially useful function:
 - i. 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.
 - ii. The M/WBE trucking company must own and operate at least one fully licensed, insured, and operational truck used on the contract.
 - iii. 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.
- iv. 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.
 - v. 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.
 - vi. 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.
6. Count expenditures with M/WBEs for materials and supplies toward M/WBE goals in the following manner:
- i. 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.
 - ii. 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.
 - (1) *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.*
 - (2) *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.*
 - (3) *Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers within the*

meaning of the paragraph (v)(2).

- iii. 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.

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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

REFERENCE TO IDOT STANDARD SPECIFICATIONS

The Illinois Department of Transportation - Standard Specifications for Road and Bridge Construction, Latest Edition and the Supplementary Specifications and Recurring Special Provisions, Latest Edition, henceforth be referred to as **IDOT Standard Specifications**, shall govern the construction of the work under this contract and shall be considered a part of the drawings, specifications and contract documents for this improvement. The General Conditions, Special Provisions, and Plans shall govern the work in the event of a conflict with the Standard Specifications. The project shall comply with all other requirements of the IDOT Standard Specifications in reference to materials and performance.

CITY ENGINEER, RESIDENT ENGINEER, AND DESIGN ENGINEER

As defined in Article 101.16 of the Standard Specifications, the City Stormwater 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 and designated as the Engineer's Representative. 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 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 Engineer's Representative. The Engineer's Representative and/or City Engineer will consult the Design Engineer as necessary regarding the designer's intent and potential modifications to these plans that alter the designer's intent.

PROPERTY OWNER CONSIDERATIONS

At the direction of the Engineer, the Contractor will be required to participate in periodic meetings with property owners as the work proceeds. The Contractor and property owners shall not discuss material changes to the Project without the consent and approval of the Engineer.

Whenever excavation is made within a temporary construction or permanent easement, on private property for driveways, drainage improvements, sidewalks, and landscape areas, the disturbed area 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.

LIQUIDATED DAMAGES

It is understood and agreed that TIME is of the essence on this Contract, and that a failure on the part of the Contractor to complete the work under this Contract within the time specified will result in loss and damage to the City; and that on account of the peculiar nature of such loss or damage, it is difficult, if not impossible, to accurately ascertain and definitely determine the amount thereof. It is, therefore, covenanted and agreed that in case the Contractor shall fail or neglect to complete the work herein specified on or before the date herein fixed for completion, together with any extensions of time which may be granted, the said Contractor shall and will pay to the City for each and every calendar day the Contractor shall be in default in the time of completion of this contract the sum set below:

ORIGINAL CONTRACT AMOUNT (\$)		
From More Than	To and Including	Amount of Liquidated Damages per Calendar Day
\$0	\$100,000	\$475
\$100,00	\$500,000	\$4750
\$500,000	\$1,000,000	\$1,025
\$1,000,000	\$3,000,000	\$1,275
\$3,000,000	\$6,000,000	\$1,425
\$6,000,000	\$12,000,000	\$2,300
\$12,000,000	And over	\$6,775

In fixing the damages as set forth herein, the desire is to establish a certain mode of calculation for the work since the City's actual loss, in the event of delay, cannot be predetermined, it would be difficult to ascertain, and a matter of argument and unprofitable litigation. This said mode is an equitable rule for measurement of the City's actual loss and fairly considers the loss of use of the facilities if the project is delayed in completion.

The sum specified is hereby agreed upon, fixed and determined by the parties hereto as the liquidated damages which the City will suffer by reason of such defaults, and not by way of a penalty.

RESPONSIBILITY FOR DAMAGE CLAIMS

The Contractor shall indemnify and save harmless the CITY OF PEORIA, its officers and employees; the Engineer's Representative, its officers and employees, 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 or employees or the Engineer's Representative, its officers or employees) 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 and employees; and the Engineer's Representative, its officers and employees, 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 this 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, the surety shall be held until such suits, actions, or claims have been settled and suitable evidence to that effect furnished to the Department.

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 protect him and 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 the City of Peoria its officers, directors, employees, agents, Representatives, subsidiaries, successors and assigns; and the Engineer's Representative its officers, directors, employees, agents, Representatives, subsidiaries, successors, and assigns, as additional insured, shall be primary to any other insurance carried by the City of Peoria or the Engineer's Representative, and shall provide coverage consistent with ISO CG 20 26, and shall maintain the required coverages, naming the City of Peoria and the Engineer's Representative as 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 Representative; and the Engineer's Representative, its officers, directors, employees, agents, and Representative" 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.

GUARANTEE PERIOD

The Contractor warrants all work performed under this contract is free from defects and was performed in accordance with the Contract Documents for a period of one (1) year from the date of agreement of final quantities, as agreed in writing, by the Engineer after all parties have signed the document. In case of acceptance of a part of the work for use prior to the agreement to final quantities, the guarantee for the part so accepted shall be for a period of one (1) year from the date of such partial acceptance, in writing, by the Engineer. Work performed due to this warranty requirement shall be guaranteed for a period of one (1) year. The Guarantee Period may be further amended in the Special Provisions.

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. Specifically, the Contractor will be required to comply with Part IV, Section B4. As a minimum, the Contractor shall:

1. Control runoff volume and velocity to minimize erosion
2. Minimize the amount of soil exposed during construction
3. Minimize soil erosion and install best management practices to protect the existing stream
4. Prevent non-stormwater discharges such as concrete washout and other construction materials from leaving the site

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.

EXAMINATION OF EXISTING CONDITIONS AT PROJECT SITE

It is the responsibility of each bidder to satisfy himself as to the conditions which will be encountered during the performance of the work. Examination of the job site is highly recommended before submittal of bids. Failure to do so will not be considered as grounds

for additional compensation due to the unforeseen adverse conditions which may be encountered during the performance of the work.

PAYMENT FOR ITEMS NOT LISTED

Should there be construction shown on the plans or described in the specifications for which no method of payment is outlined in the Plans or Special Provisions, that work shall be considered incidental to the project and the cost of the work included in related unit price items.

PAYMENT FOR CHANGE ORDER WORK

When changes from the plans and specifications are made and the issuance of change orders are involved, the Contractor shall submit a written proposal to the Engineer listing material cost, labor and equipment cost, and overhead and profit. In addition, the written proposal shall include any additional time necessary to complete the change order work. Where subcontractors are involved in change order work, the overhead and profits for the subcontractor shall not exceed 15% and the overhead and profit added to the subcontractor's proposal by the Contractor shall not exceed 5%.

ALTERNATE MATERIALS

In any case, where a specific material is mentioned in the specifications or on the plans, it is understood and construed as meaning to indicate only the type of material desired and is not intended in any way to bar the use of any material of equal quality.

In order that all bids may be evaluated on the same basis, however, contractors shall use material mentioned in the specifications or on the plans in arriving at their basic bid on each item, but may submit prices on alternate materials if they so desire. Evaluation of bids will be on the basis of the materials specified. The approval of any material other than that specified shall be obtained in writing from the engineers before the contract is awarded; otherwise, it shall be assumed that the contractor will furnish the material specified.

Should the Contractor desire to use material other than that specified, he shall indicate in the place provided in the proposal the alternate material he proposes to use and the amount to be added to or deducted from the base bid if that item of material is used. All information required on the proposal shall be furnished. Full particulars on alternate material shall be submitted with the bids.

The plans are intended to show structures needed for the material named in the specifications. Where the Contractor desires to use material other than that named, he shall be responsible for the preparation of drawings needed for proper installation of that

material. Changes from the structure shown to facilitate use of that material shall not be a basis for additional payment.

TEMPORARY UTILITIES

Should the Contractor wish to use utilities (including electric and water) on a temporary basis to carry out the work specified herein, the Contractor shall make all arrangements necessary and shall pay all costs associated with connection to the utility. The Contractor shall also arrange to meter and to pay for all water usage and electric service.

RECORD DRAWINGS

The Contractor shall, during the progress of the job, record any and all changes or deviations from the original drawings, and, at the completion of the project, shall deliver to the Engineer a marked-up set of "record" drawings.

SHOP DRAWINGS AND MATERIAL CERTIFICATIONS

Prior to fabrication of equipment/materials, the Contractor shall submit shop drawings of the equipment, piping, precast structures, and other items to the Engineer for review. Shop drawings shall consist of complete descriptive literature on the equipment including all pertinent dimensions, material specifications, operational and maintenance data and performance curves and data. Prior to submitting shop drawings to the Engineer, the Contractor shall first review the shop drawings, make corrections or revisions which are appropriate and then stamp the shop drawings with the Contractor's name and signature as proof of review.

Material certifications and mixture designs shall be provided for materials incorporated into the project. Material certifications shall contain the origin, source, classification or gradation, standards by which the classification or gradation was derived, the approving agency and contact information, the date of the most recent approval, as well as all other information required by the Engineer to evaluate the material for compliance with the requirements of these Contract Documents.

The cost of preparing and providing shop drawings and material certifications shall be considered incidental to the cost of equipment or item involved.

UTILITY PROTECTION AND RELOCATION

Prior to the start of construction, the Contractor shall arrange to have all underground utilities including storm sewer, water, gas, electric, sanitary, telephone, cable TV and fiber optic cables located and suitably marked. Should a utility be in conflict with the proposed construction, the City shall be notified at once. If utilities will interfere with the construction alignment, the Engineer may alter the alignment of the proposed sidewalk or arrange to have the utility to be relocated. Should the alignment be altered in the field, the

Contractor shall be paid for the quantities of work performed in accordance with these specifications and no additional payment shall be made. Should a utility not in direct conflict with the construction be encountered, the Contractor shall protect it at no additional expense to the City and without claim by the Contractor for delays due to service lines encountered.

SITE PROTECTION AND CLEAN UP

Any areas or items that the contractor disturbs shall be restored to a condition equal to or better than that prior to the start of construction.

The Contractor shall protect all underground, ground level and overhead utilities from damage during the progress of the work. The Contractor shall remove all debris, broken or damaged equipment and unused material or equipment upon completion of the work, and shall leave the premises in a neat and presentable condition equal to that prior to the start of the construction.

The cost of clean-up operations shall be spread evenly throughout the bid items on the proposal. Clean up shall consist of removing all debris from the job site, to include removal of all excess dirt, concrete, pipe pieces, lumber scraps, paper cups, etc., left by the Contractor's forces. Clean up shall be performed as the work progresses, and a final clean up shall be done after all operations, including jetting and resurfacing, are completed. Debris shall not be discarded in excavations.

SAFETY REQUIREMENTS AND PROTECTION OF PROPERTY

Contractor's Responsibility for Safety

The Contractor shall do all work necessary for safety and be solely and completely responsible for conditions on the jobsite, including safety of all persons and property during the contract period. This requirement shall apply continuously and not be limited to normal working hours.

Federal, State and Local Safety Requirements

Safety provisions shall conform to the Federal and State Departments of Labor Occupational Safety and Health Act (OSHA) and amendments thereto, and all other applicable Federal, State, County, and local laws, ordinances, codes, the requirements set forth herein, and any regulations that may be specified elsewhere in these Contract Documents. Where any of these are in conflict, the more stringent requirements shall be followed. The Contractor's failure to thoroughly familiarize himself with the aforementioned safety provisions shall not relieve him from compliance with the obligations or relieve him of the penalties set forth therein.

Safe Access to the Work

The Contractor shall at all times provide proper facilities for safe access to the work by the City, the Engineer and his authorized representatives and by all authorized government officials.

The Contractor shall maintain at the jobsite safety equipment applicable to the work as prescribed by the governing safety authorities and all articles necessary for giving first aid to the injured and shall establish the procedure for the immediate removal to a hospital or a doctor's care of persons who may be injured on the jobsite.

The performance of all work and all completed construction, particularly with respect to ladders, platforms, structure openings, scaffolding, shoring, lagging, and machinery guards, shall be in accordance with the requirements of applicable governing safety authorities.

Safety and Access to Property

The Contractor shall conduct the work so as to assure the least possible obstruction to traffic both within and outside of the work site. The convenience of the general public and residents adjacent to the project, and the protection of the persons and property are of prime importance and shall be provided for in an adequate and satisfactory manner.

All excavations shall be covered whenever Contractor's personnel are not present. As a minimum requirement, the cover over the excavation shall consist of 1/2-inch thick plywood that is blocked and braced to prevent entry by humans or animals. In addition, orange, plastic safety fence shall be placed around the perimeter of any excavation whenever Contractor's personnel are not present. All equipment, stored pipe, and other materials shall be carefully secured when not in use to prevent injury to persons and animals.

PROPERTY AND RIGHT-OF-WAY MARKERS

All survey monuments which are disturbed by the Contractor's operations during construction shall be relocated and replaced with a similar monument by a Land Surveyor registered in the State of Illinois. Survey monuments shall include iron pins, iron pipes, concrete posts, stones, etc. which designate property corners, right-of-way lines, section corners or other land survey reference points. Survey monuments shall be located and tied to nearby landmarks by a Land Surveyor prior to excavation, if information is available in advance of construction that survey monuments will be disturbed. The Contractor shall bear the cost of an Illinois Registered Land Surveyor replacing survey monuments which are disturbed, and the cost shall be incidental to the contract.

STATE SALES TAX EXEMPTION

All materials incorporated in this project are exempt from the State of Illinois Sales tax.

MATERIAL STORAGE AND STAGING AREA

During the period of time between Notice to Proceed and Final Completion, the Contractor will be required to store material necessary for completion of the project. The manner and location of stored materials shall be approved by the Property Owner and Engineer. The Contractor will be responsible for the stored material and any damage, which may result in this time period.

All costs associated with this item shall be included in the total contract price bid.

DISPOSAL OF MATERIALS

Disposal of excess materials, including excavated material, shall be the Contractor's responsibility.

CERTIFIED PAYROLL REQUIREMENTS

Contractors and subcontractors on public works projects must submit certified payroll records on a weekly basis via EPrismSoft 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. Certified payrolls are to be submitted weekly on EPrismSoft, per the EEO guidelines outlined in Section VII of the Good Faith Efforts Requirements, herein. Copies of the certified payrolls as submitted to EPrismSoft should be submitted with each payment application for review by the City.

PREVAILING WAGE PROVISION

This contract is for the performance of "public works" as that term is defined by 820 ILCS 130/2. Contractor shall not pay less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract, and shall comply with the requirements of the Illinois Wages of Employees on Public Works Act (820 ILCS 130/1-12).

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. It shall be the Contractor's responsibility to monitor the prevailing wages and adjust the payroll accordingly as soon

as any rates are revised. The prevailing rates of wages are revised monthly and can be found on the Illinois Department of Labor's website. <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevaling-wage-rates.aspx>

SPECIAL PROVISIONS

PROJECT DESCRIPTION

The project improvement will capture and route stormwater runoff within the street right of way to the natural stream that drains northeasterly. The work will require the excavation of roadside ditches, installation of new driveway culverts, new storm sewer pipe and inlet structures, and a new outlet pipe constructed within a permanent easement. The contractor shall reconstruct driveways expeditiously and communicate the closure time with each residence occupant.

CONTRACT TIME

The work shall be completed and ready for final payment by June 1, 2022, based on a Notice to Proceed date not later than April 1, 2022.

STATUS OF UTILITIES

Utility companies have been notified of the project improvements during the process of preparing construction drawings. The utility companies have been 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 shall relocate their respective facilities in conflict with the proposed improvements before the City issues a Notice to Proceed for these improvements. Precautions by the contractor and the utility owners will be necessary to avoid and protect utilities as construction occurs.

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 and private 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 telecommunication 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.

REMOVAL OF MATERIALS

The cost to remove and dispose of existing materials shall be included in the unit price of the item being constructed. No additional payment will be made for removal and disposal of existing materials or removal and re-installation of existing facilities. The bid form, plans, and specifications identify removal items included in this contract. In preparing the proposal, the Contractor has been directed to investigate the site and become familiar with the requirements as specified in these plans and specifications.

SPECIAL PROVISIONS

PAY ITEM MEASUREMENT AND PAYMENT

This Project's Pay Items provided in the Bid Form shall be measured and paid as provided in the IDOT Standard Specifications unless modified by these Special Provisions or Plans.

PIPE CULVERTS, CLASS D

All pipe culverts shall be constructed in accordance with Method I Construction methods described in Article 542.04 of the Standard Specifications. Acceptable material types are reinforced concrete pipe and any of the corrugated metal types identified in Article 542.03 of the Standard Specifications. End sections of the same material shall be used.

TRENCH BACKFILL

Trench Backfill shall be used for all pipe culverts and storm sewers installed under or within two feet of pavements. This item will not be measured for payment and the cost to provide and install trench backfill material shall be included in the unit price of the pipe.

EROSION CONTROL (SPECIAL)

The Contractor is completely responsible for erosion control efforts and materials within the project limits. The NPDES requirements specified in the Contract General Conditions shall be implemented by the Contractor for the duration of the Contract. The stormwater Pollution Prevention Plan provided in the plans provides guidance and minimum requirements that shall be implemented. Stone Riprap, Class A3 shall be used to construct the basin at the outlet of the 18" RCP outlet. All other labor, equipment, and materials necessary to comply with MS4 permit number ILR40 0424, these construction plans, and project specifications shall be paid at the Contract Lump Sum price for Erosion Control (Special).

CONSTRUCTION LAYOUT

It will be the responsibility of the Contractor to establish the proper line and grade staking for construction of the improvements as provided in the plans and specifications. The plans provide horizontal control points and elevation benchmarks that shall be referenced for layout purposes. All labor and materials necessary for this activity shall be paid at the Lump Sum price for Construction Layout.

RELOCATE EXISTING MAILBOX

Existing mailboxes shall be relocated as necessary to accommodate the proposed construction activities and allow for uninterrupted mail delivery to each impacted property. All labor and materials necessary for this activity shall be paid at the Contract unit price per Each mailbox that is relocated.

SPECIAL PROVISIONS

TRAFFIC CONTROL AND PROTECTION (SPECIAL)

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. Vehicular access to residences shall be maintained except for a limited time to construct culverts and driveways. 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. Traffic control protection measures shall also be placed along intersecting streets to notify drivers of the construction activity ahead. The Contractor shall sweep and remove soil or debris tracked onto the street by the end of each workday. 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 Lump Sum for Traffic Control and Protection (Special)

STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"

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. Watermains 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

SPECIAL PROVISIONS

- 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.

Storm sewer meeting water main requirements shall be constructed of the following pipe materials:

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 12454C.
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 12454B.
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 23447B.
4. Chlorinated Polyvinyl Chloride (CPVC) conforming to ASTM F 442M/F422M. 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.

SPECIAL PROVISIONS

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 less 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, butt fused, or electro fused, 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.

Elastomeric 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 Storm Sewer, Type 1, Water Main Quality Pipe of the diameter specified.

Appendix

**READ THIS PAGE BEFORE FILLING OUT THE EMPLOYER REPORT CC-1 OR THE
RENEWAL APPLICATION**

This page outlines the instructions you need to follow to process either the Employer Report Form CC-1 or the Renewal Application. Forms that are not filled out properly will not be processed.

Processing Fee: Effective January 1st, 2006, in accordance with recent changes to chapter 17 of the Peoria Municipal Code, a fifty-dollar (\$50.00) processing fee will be charged with each submission of the Employer Report Form CC-1 and the Renewal Application. The only exception to payment of the processing fee is neighborhood associations.

Method of Processing Fee Payment: The City of Peoria Treasurer's office will only accept check, money order, and cash payment. Make checks payable to the "City of Peoria".

Who needs to fill out the Employer Report Form CC-1 or the Renewal Application? Any business providing a good or service to the City for remuneration or any business receiving financial assistance from the City.

Under what legal authority does the City of Peoria require this application? The filing requirement is authorized under chapter 17, Peoria Municipal Code, section 17-120(b).

Which form do I submit?

Employer Report Form CC-1: If your company has not received an EEO Certification Number from the City of Peoria, you need to complete the Employer Report Form CC-1. You will also need to submit a copy of your company's **Sexual Harassment Policy** (for specific instructions on the sexual harassment policy, see the Sexual Harassment Policy Information Sheet).

Renewal Application: If your company currently has an EEO Certification Number from the City of Peoria that has expired, or is about to expire, you only need to complete the Renewal Application form. If you are submitting the Renewal Application you do not need submit the Sexual Harassment Policy as it is already on file.

Submittal Instructions: Either mail or hand deliver your completed materials.

Mail: Mail forms and payment to the Office of Equal Opportunity. The EO Office will review the forms. If they are complete and correct, the EO Office will process your forms and mail, fax, or email you a copy of your EEO certificate. Send forms and payment to:

City of Peoria
Office of Equal Opportunity
419 Fulton Street, Room 303
Peoria, IL 61602-1276

Hand Delivery: If you choose to hand deliver your forms and payment, you must first go to the Office of Equal Opportunity (address listed above). The EO Office will review your form for completeness and then ask you to stop by the Treasurer's Office, City Hall Building, Room 100 to make your Processing Fee payment. The EO office will process your forms and mail, fax, or email you a copy of your EEO certificate.

If you have any questions, call the Equal Opportunity Office at (309) 494-8530

KEEP THIS PAGE FOR YOUR RECORDS

MINORITY AND WOMEN BUSINESS ENTERPRIS DIRECTORY

To assist Bidders in their outreach efforts, the City of Peoria has developed a Minority and Women Business Enterprise (M/WBE) directory. Go to the City's website at <http://www.peoriagov.org/equal-opportunity/minority-and-women-business-enterprise-mwbe-directory/> to view the directory.

EQUAL EMPLOYMENT OPPORTUNITY

To be awarded a contract all Suppliers, Vendors and Contractors to the City of Peoria must be registered in the City of Peoria's Contract Compliance Program and have a current EEO Certification Number. This program is unrelated to any State or Federal program. To obtain or renew a number, an Employer Report Form CC-1, a copy of your company's sexual harassment policy statement, if a first time applicant and a Fifty-dollar (\$50.00) processing fee must be submitted to the City of Peoria. Go to the City's website at <http://www.peoriagov.org/equal-opportunity/> to obtain the form and instructions page.

Note: Suppliers, Vendors and Contractors do not need an EEO Certification Number to submit a bid proposal. However, it is required prior to the award of the contract.

MINORITY AND FEMALE WORKFORCE UTILIZATION

The City of Peoria is committed to ensuring our construction projects offer equal employment opportunity to all the citizens we serve. The Prime Contractor and all of its subcontractors are to make a good faith effort to comply with the following goals for minority and female workforce utilization.

1. Eighteen (18) percent of the total hours worked, per trade, should be performed by minority workers.
2. Three (3) percent of the total hours worked, per trade, should be performed by female workers.

Each contractor must maintain certified payroll records verifying the hours worked by minority and female workers. These records must be provided to the City of Peoria. For directions on submitting this information, see Minority and Women's Business Enterprise (M/WBE) Participation Requirements for Good-Faith Efforts, Section II

CITY OF PEORIA MONTHLY WORKFORCE ANALYSIS

Check appropriate status

Month Ending _____

Contractor

Subcontractor

Name: _____

Address: _____

Contact Person: _____

Phone: _____

Project: _____

Date Work Started: _____

Percent Complete: _____%

Job Categories	Number of Employees				Hours of Employment									
	Total # of Employees		Total Minorities		African American		Asian/Pacific Islander		American Indian/Alaska nNative		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														
OperatingEngs														
Tile Layers														

CITY OF PEORIA
CONTRACT

This agreement, made and entered into this _____ day of _____, 2021, by and between the City of Peoria, an Illinois Municipal Corporation, Party of The First Part, and _____ Party of The Second Part for the improvement known as the _____;

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 furnish and deliver all the work, materials and supplies in accordance with the specifications contained in said proposal, and in full compliance with all the terms of this agreement, for the amount of _____ (\$_____).

IT IS UNDERSTOOD AND AGREED that the instructions to bidders, proposal, bid, specifications, performance bond and maintenance bond are component parts of this contract and shall be deemed a part hereof. It is also understood and agreed that the contractor shall not assign, transfer, convey or otherwise dispose of this contract, or his right to execute it, or his right, title or interest in or to it or any part thereof, unless the previous written consent of the City Manager of the City of Peoria shall first be obtained thereto.

EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:

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 shall not apply to any city employee involved in the 2018-2019 reduction in force, furlough or early retirement incentive offered by the city within 2018-2019. This shall not apply to any city employee involved in the 2020-2021 reduction in force, furlough or early retirement incentive offered by the city within 2020-2021.*

IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.
THE CITY OF PEORIA

BY: _____
City Manager

ATTEST: _____
City Clerk

EXAMINED AND APPROVED:

Corporation Counsel

PARTY OF THE SECOND PART

(name of individual, firm, or corporation)

BY: _____
(member of firm or officer of corporation)

(If a Co-Partnership)

_____(seal)
_____(seal)

Partners doing business under the firm name
of _____(seal)

(Party of the second part)

(If an Individual)

_____(seal)

(Party of the second part)

PERFORMANCE BOND

CONTRACTOR *(name and address)*:

SURETY *(name and address of principal place of business)*:

OWNER *(name and address)*:

CONSTRUCTION CONTRACT

Effective Date of the Agreement:

Amount:

Description:

BOND

Bond Number:

Date *(not earlier than the Effective Date of the Agreement of the Construction Contract)*:

Amount:

Modifications to this Bond Form: None See Paragraph 16

Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

SURETY

Contractor's Name and Corporate Seal *(seal)*

Surety's Name and Corporate Seal *(seal)*

By: _____
Signature

By: _____
Signature *(attach power of attorney)*

Print Name

Print Name

Title

Title

Attest: _____
Signature

Attest: _____
Signature

Title

Title

Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

CONTRACTING DOCUMENTS

1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after:
 - 3.1 The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2 The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3 The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
 - 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:
 - 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.
7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:
 - 7.1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

- 7.2 additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
- 7.3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.
10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
11. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit shall be applicable.
12. Notice to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.
13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.
14. Definitions
- 14.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
- 14.2 Construction Contract: The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
- 14.3 Contractor Default: Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
- 14.4 Owner Default: Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 14.5 Contract Documents: All the documents that comprise the agreement between the Owner and Contractor.
15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.
16. Modifications to this Bond are as follows:

CITY OF PEORIA SUBCONTRACTOR PAYMENT FORM

PRIME CONTRACTOR PROJECT

Name: _____
 Address: _____
 Phone: _____
 Contact Person: _____

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

ABV ABOVE
 AC ACCESS CONTROL
 ACH ACRE
 ADJ ADJUST
 AS AERIAL SURVEYS
 AGH AGGREGATE
 AH AHEAD
 APT APARTMENT
 ASPH ASPHALT
 AUX AUXILIARY
 AGS AUXILIARY GAS VALVE (SERVICE)
 AVE AVENUE
 AX AXIS OF ROTATION
 BK BACK
 B-B BACK TO BACK
 BKPL BACKPLATE
 B BARR
 BARR BARRI
 BL BASELINE
 BGN BEGIN
 B-M BENCHMARK
 BND BINDER
 BIT BITUMINOUS
 BTM BOTTOM
 BLVD BOULEVARD
 BRK BRICK
 BBOX BUFFALO BOX
 BLDG BUILDING
 CATV CABLE
 CB CAST IRON PIPE
 C-C CENTER TO CENTER
 C-C CENTERLINE OR CLEARANCE
 CLE CENTERLINE TO EDGE
 CLF CENTERLINE TO FACE
 CTS CENTER
 CERT CERTIFIED
 CHSLD CHISELED
 CS CITY STREET
 CP CLAY PIPE
 CLSD CLOSED
 CLID CLOSED LID
 COAT COAT OR COURT
 COMB COMBINATION
 C COMMERCIAL BUILDING
 C COMMERCIAL ENTRANCE
 CE CONCRETE
 CONC CONSTRUCT
 CONST CONTINUED
 CONT CONTINUOUS
 CORN CORNER
 CORR CORRUGATED
 CAP CORRUGATED METAL PIPE
 CNTY COUNTY
 CH COUNTY HIGHWAY
 CSE COURSE
 GND GROUND
 GUT GUTTER
 GUY GUY POLE
 GP GUY WIRE
 HW HANDHOLE
 HT HATCH

CU YD CUBIC YARD
 CULV CULVERT
 CURB CURB & GUTTER
 D DEGREE OF CURVE
 DC DEPRESSIONED CURVE
 DET DETECTOR
 DIA DIAMETER
 DISTRICT DISTRICT
 DCT DOMESTIC
 DBL DOUBLE
 DSEL DOWNSTREAM ELEVATION
 DSEL DOWNSTREAM FLOWLINE
 DR DRAINAGE OR DRIVE
 DI DRAINAGE INLET OR DROP INLET
 DRV DRIVEWAY
 DCT DUCT
 DCT DUCT
 EB EASTBOUND
 EOP EDGE OF PAVEMENT
 E-CL EDGE TO CENTERLINE
 E-E EDGE TO EDGE
 ELEC ELECTRICAL
 ELEV ELEVATION
 ENTR ENTRANCE
 EXC EXCAVATION
 EXC EXCAVATION
 EXPWY EXPRESSWAY
 E EXTERNAL DISTANCE OF HORIZONTAL CURVE
 F-F FACE TO FACE
 FA FEDERAL AID
 FAI FEDERAL AID INTERSTATE
 FAP FEDERAL AID PRIMARY
 FAS FEDERAL AID SECONDARY
 FAUS FEDERAL AID URBAN SECONDARY
 FP FENCE POST
 OPT FIBER OPTIC
 FE FIELD ENTRANCE
 FH FIRE HYDRANT
 FL FLOW LINE
 FB FOOT BRIDGE
 FN FOUNDATION
 FR FRAME
 F&G FRAME & GRATE
 FRWY FREEWAY
 GAL GALLON
 G GALVANIZED
 G GARAGE
 GM GAS METER
 GV GAS VALVE
 GIS GEOGRAPHICAL INFORMATION SYSTEM
 GRAN GRANULAR
 GR GRATE
 GRVL GRAVEL
 GND GROUND
 GUT GUTTER
 GUY GUY POLE
 GP GUY WIRE
 HW HANDHOLE
 HT HATCH

HATCH HATCH
 HD HEAD
 HDW HEADWALL
 HDUTY HEAVY DUTY
 ha HECTARE
 HMA HOT MIX ASPHALT
 HWY HIGHWAY
 HORIZ HORIZONTAL
 HSE HOUSE
 IL ILLINOIS
 IMP IMPROVEMENT
 IN DIA INCH DIAMETER
 INL INLET
 INST INSTALLATION
 IOS INTERSECTION DESIGN STUDY
 INV INVERT
 IR IRON PIPE
 IR IRON ROD
 JT JOINT
 kg KILOGRAM
 km KILOMETER
 LS LANDSCAPING
 LN LANE
 LT LEFT
 LIDAR LIGHT DETECTION AND RANGING
 LGT LIGHTING
 LF LINEAL FEET OR LINEAR FEET
 L LITER OR CURVE LENGTH
 L LONG CHORD
 LC LONGITUDINAL
 LNG LUMP SUM
 MACH MACHINE
 MCH MACH
 MB MANHOLE
 MH MATERIAL
 MATL MATERIAL
 MED METER
 m METER
 METH METHOD
 M MID-ORDINATE
 mm MILLIMETER
 mm DIA MILLIMETER DIAMETER
 MIX MIXTURE
 MBH MODIFIED
 MOD MODIFIED
 MFT MOTOR FUEL TAX
 N & BC NAIL & BOTTLE CAP
 N & C NAIL & CAP
 NC NAIL & WASHER
 NC NORTH CROWN
 NE NORTHWEST
 NW NORTHWEST
 NW NORTHWEST
 O/S OFFSET
 O&C OIL AND CHIP
 OLID OPEN LID
 PAT PATTERN
 PVD PAVED
 PVMT PAVEMENT

HATCHING
 HD HEAD
 HDW HEADWALL
 HECTARE
 HMA HOT MIX ASPHALT
 HWY HIGHWAY
 HORIZ HORIZONTAL
 HSE HOUSE
 IL ILLINOIS
 IMP IMPROVEMENT
 IN DIA INCH DIAMETER
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 NC NORTH CROWN
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 O/S OFFSET
 O&C OIL AND CHIP
 OLID OPEN LID
 PAT PATTERN
 PVD PAVED
 PVMT PAVEMENT

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS		STANDARD 000001-08	
DATE	REVISIONS		
1-1-21	Updated icons, abbreviations and symbols.		
1-1-19	Added new symbols.		

Illinois Department of Transportation
 PASSED BY: [Signature] JANUARY 1, 2021
 ENGINEER OF PUBLIC AID PROCEDURES
 APPROVED BY: [Signature] JANUARY 1, 2021
 ENGINEER OF DESIGN AND ENVIRONMENT

ADJUSTMENT ITEMS

EX

PR

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

ADJ

C

FM

F

FSP

R

REC

RSP

A

A

A

A

SP

AB

M

REL

ALIGNMENT ITEMS

EX

PR

Baseline

Centerline

Centerline Break Circle

Baseline Symbol

Centerline Symbol

PI Indicator

Point Indicator

Horizontal Curve Data (Half Size)

EX CURVE

P.L. STA

A=

D=

T=

L=

E=

T.R.=

S.E. RUM=

S.E. RUM=

P.T. STA

P.T. STA

BOUNDARIES ITEMS

EX

PR

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

Quarter Section Line

Quarter/Quarter Section Line

County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

Dashed

Solid

Dashed

Dashed

Dashed

Dashed

Dashed

Square

Circle

Circle

Circle with cross

Circle with cross

Circle with cross

Circle with cross

Circle with cross

Circle with cross

Circle with cross

DRAINAGE ITEMS

EX

PR

Channel or Stream Line

Culvert Line

Grading & Shaping Ditches

Drainage Boundary Line

Paved Ditch

Aggregate Ditch

Pipe Underdrain

Storm Sewer

Flowline

Ditch Check

Headwall

Inlet

Manhole

Summit

Roadway Ditch Flow

Swale

Catch Basin

Culvert End Section

Water Surface Indicator

Riprap

HYDRAULICS ITEMS

EX

PR

Overflow

Sheet Flow

Hydrant Outlet

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

Dashed

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Dashed

Dashed

Dashed

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 2 of 9)

STANDARD 000001-08

Illinois Department of Transportation
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EROSION & SEDIMENT CONTROL ITEMS

Cleaning & Grading Limits		EX
Dike		PR
Erosion Control Fence		
Perimeter Erosion Barrier		
Temporary Fence		
Ditch Check Temporary		
Ditch Check Permanent		
Inlet & Pipe Protection		
Sediment Basin		
Erosion Control Blanket		
Fabric Formed Concrete Revetment Mat		
Turf Reinforcement Mat		
Mulch Temporary		
Mulch Method 1		
Mulch Method 2 Stabilized		
Mulch Method 3 Hydraulic		
CONTOUR ITEMS		PR
Approx. Index Line		EX
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		

NON-HIGHWAY IMPROVEMENT ITEMS

Noise Attn./Levee		EX	PR
Field Line			
Fence			
Base of Levee			
Mailbox			
Multiple Mailboxes			
Pay Telephone			
Advertising Sign			
ITS Camera			
Wind Turbine			
Cellular Tower			
Intelligent Transportation Systems			
LANDSCAPING ITEMS		EX	PR
Contour Mounding Line			
Fence			
Fence Post			
Shrubs			
Mowline			
Perennial Plants			
Seeding Class 2			
Seeding Class 2A			
Seeding Class 4			
Seeding Class 4 & 5 Combined			

EXISTING LANDSCAPING ITEMS (cont'd.)

Seeding Class 5		EX	PR
Seeding Class 7			
Seedlings Type 1			
Seedlings Type 2			
Sodding			
Mowstake w/Sign			
Tree Trunk Protection			
Evergreen Tree			
Shade Tree		EX	PR
LIGHTING			
Duct			
Conduit			
Electrical Aerial Cable			
Electrical Buried Cable			
Controller			
Underpass Luminaire			
Power Pole			

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 3 of 9)
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LIGHTING
(contd.)

Pull Point

EX

PR

Handhole

EX

PR

Heavy Duty Handhole

EX

PR

Junction Box

EX

PR

Light Unit Comb.



Electrical Ground



Traffic Flow Arrow



High Mast Pole
(Half Size)



Light Unit-1



PAVEMENT (MISC.)

Keyed Long. Joint

EX

PR

Keyed Long. Joint w/Tie Bars

EX

PR

Sawed Long. Joint w/Tie Bars

EX

PR

Bituminous Shoulder

EX

PR

Bituminous Taper

EX

PR

Stabilized Driveway

EX

PR

Widening

EX

PR

PAVEMENT MARKINGS

Handicap Symbol

EX

PR

RR Crossing

EX

PR

Raised Marker Amber 1 Way

EX

PR

Raised Marker Amber 2 Way

EX

PR

Raised Marker Crystal 1 Way

EX

PR

Two Way Turn Left

EX

PR

Shoulder Diag. Pattern

EX

PR

Skip-Dash White

EX

PR

Skip-Dash Yellow

EX

PR

Stop Line

EX

PR

Solid Line

EX

PR

Double Centerline

EX

PR

Dotted Lines

EX

PR

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**STANDARD SYMBOLS,
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(Sheet 4 of 9)

STANDARD 000001-08

PAVEMENT MARKINGS
(contd.)

EX

PR

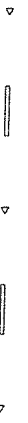
CL 2Ln 2Way
RRPM 12.2 m (40') o.c.



CL 2Ln 2Way
RRPM 80' (24.4 m) o.c.



CL Multilane Div.
RRPM 40' (12.2 m) o.c.



CL Multilane Div.
RRPM 80' (24.4 m) o.c.



CL Multilane Div. DBL
RRPM 80' (24.4 m) o.c.



CL Multilane Undiv.



Two Way Turn Left Line



Urban Combination Left



Urban Combination Right



Urban Left Turn Arrow



Urban Right Turn Arrow



Urban Left Turn Only



Urban Right Turn Only



Urban Thru Only



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Urban LT & RT Turn Arrow

Urban Thru Arrow

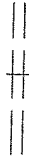
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RAILROAD ITEMS

PR

EX

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck



REMOVAL ITEMS

PR

EX

Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



RIGHT OF WAY ITEMS

PR

EX

Future ROW Corner Monument



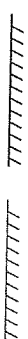
ROW Marker



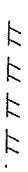
ROW Line



Easement



Temporary Easement



**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
(Sheet 5 of 9)

STANDARD 000001-08

PAVEMENT MARKINGS
(contd.)

Urban U-Turn

Urban Combined U-Turn

Rural Combination Left

Rural Combination Right

Rural Left Turn Arrow

Rural Right Turn Arrow

Rural Left Turn Only

Rural Right Turn Only

Rural Thru Only

Rural Thru Arrow

Rural Lt & Rt Turn Arrow

Bike Lane Symbol

Bike Lane Text

Bike Path Shared

Bike Shared Roadway

Lane Drop Symbol

EX



PR



ONLY ONLY ONLY



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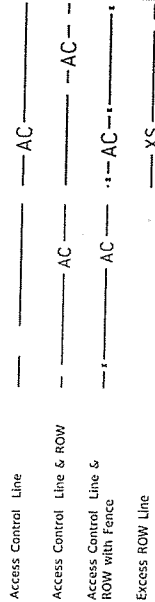
Wrong Way Arrow

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 6 of 9)

STANDARD 000001-08

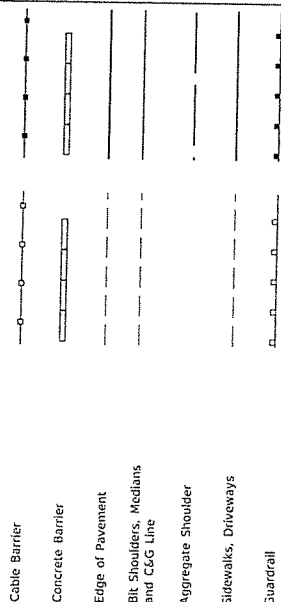
RIGHT OF WAY ITEMS
(contd.)



EX AC AC AC XS

PR AC AC AC XS

ROADWAY PLAN ITEMS

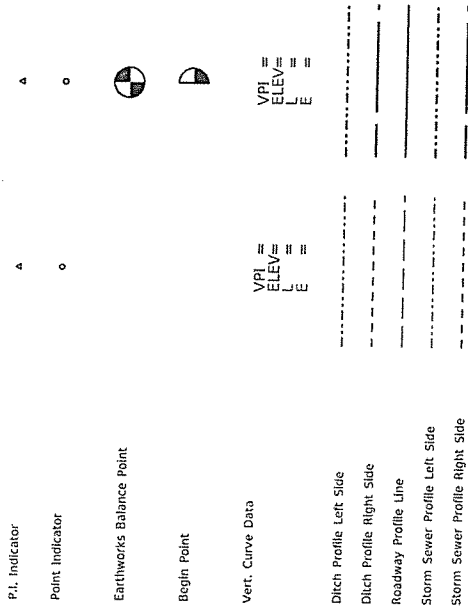


EX

PR

STA. 45+00

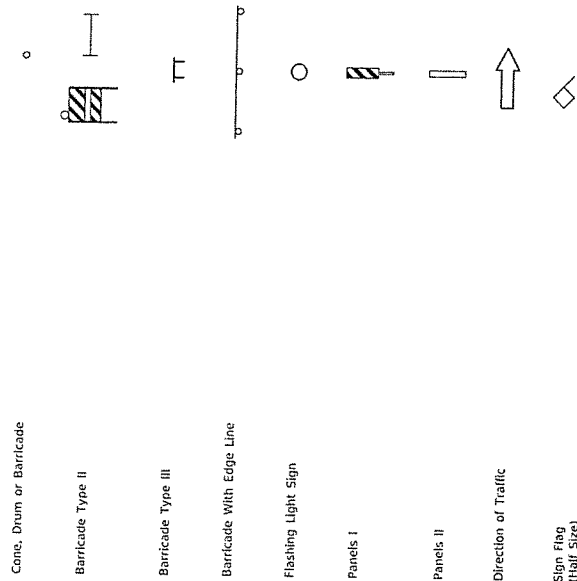
ROADWAY PROFILES



EX

PR

SIGNING ITEMS



EX

PR

SIGNING ITEMS
(contd.)

Reverse Left W1-4L (Half Size)
Reverse Right W1-4R (Half Size)
Two Way Traffic Sign W6-3 (Half Size)
Detour Ahead W20-2(O) (Half Size)
Left Lane Closed Ahead W20-5(L)(O) (Half Size)
Right Lane Closed Ahead W20-5(R)(O) (Half Size)
Road Closed Ahead W20-3(O) (Half Size)
Road Construction Ahead W20-1-(O) (Half Size)
Single Lane Ahead (Half Size)
Transition Left W4-2L (Half Size)
Transition Right W4-2R (Half Size)

EX

PR



STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 7 of 9)

STANDARD 000001-08

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SIGNING ITEMS
(contd.)

- One Way Arrow Up, W1-6-(O)
(Half Size)
- Two Way Arrow Large W1-7-(O)
(Half Size)
- Decour M4-10L-(O)
(Half Size)
- Decour M4-10R-(O)
(Half Size)
- One Way Left R6-1L
(Half Size)
- One Way Right R6-1R
(Half Size)
- Left Turn Lane R3-1100L
(Half Size)
- Keep Left R4-7AL
(Half Size)
- Keep Left R4-7BL
(Half Size)
- Keep Right R4-7AR
(Half Size)
- Keep Right R4-7BR
(Half Size)
- Stop Here On Red R10-6-AL
(Half Size)
- Stop Here On Red R10-6-AR
(Half Size)
- No Left Turn R3-2
(Half Size)
- No Right Turn R3-1
(Half Size)
- Road Closed R11-2
(Half Size)
- Road Closed Thru Traffic R11-2
(Half Size)

STRUCTURES ITEMS

- Box Culvert Barril
- Box Culvert Headwall
- Bridge Pier
- Bridge
- Retaining Wall
- Temporary Sheet Piling

TRAFFIC SHEET ITEMS

- Cable Number
- Left Turn Green
- Left Turn Yellow
- Signal Backplate
- Signal Section 8" (200 mm)
- Signal Section 12" (300 mm)
- Walk/Don't Walk Letters
- Walk/Don't Walk Symbols

TRAFFIC SIGNAL ITEMS

- Galv. Steel Conduit
- Underground Cable
- Detector Loop Line
- Detector Loop Large
- Detector Loop Small
- Detector Loop Quadrupole

EX

-
-
-
-
-
-
-
-

PR

-
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-

EX

-
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PR

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**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
(Sheet 8 of 9)

STANDARD 000001-08

TRAFFIC SIGNAL ITEMS (contd.)

Detector Raceway		EX	PR
Aluminum Mast Arm		EX	PR
Steel Mast Arm		EX	PR
Veh. Detector Magnetic		EX	PR
Conduit Splice		EX	PR
Controller		EX	PR
Gulfbbox Junction		EX	PR
Wood Pole		EX	PR
Temp. Signal Head		EX	PR
Handhole		EX	PR
Double Handhole		EX	PR
Heavy Duty Handhole		EX	PR
Junction Box		EX	PR
Ped. Pushbutton Detector		EX	PR
Ped. Signal Head		EX	PR
Power Pole Service		EX	PR
Priority Veh. Detector		EX	PR
Signal Head		EX	PR
Signal Head w/Backplate		EX	PR
Signal Post		EX	PR
Closed Circuit TV		EX	PR
Video Detector System		EX	PR

UNDERGROUND UTILITY ITEMS

Cable TV		EX	PR	ABANDONED
Electric Cable		EX	PR	ABANDONED
Fiber Optic		EX	PR	ABANDONED
Gas Pipe		EX	PR	ABANDONED
Oil Pipe		EX	PR	ABANDONED
Sanitary Sewer		EX	PR	ABANDONED
Telephone Cable		EX	PR	ABANDONED
Water Pipe		EX	PR	ABANDONED

UTILITIES ITEMS

Controller		EX	PR
Double Handhole		EX	PR
Fire Hydrant		EX	PR
GuyWire or Deadman Anchor		EX	PR
Handhole		EX	PR
Heavy Duty Handhole		EX	PR
Junction Box		EX	PR
Light Pole		EX	PR
Manhole		EX	PR
Monitoring Well (Gasoline)		EX	PR
Pipeline Warning Sign		EX	PR
Power Pole		EX	PR
Power Pole with Light		EX	PR
Sanitary Sewer Cleanout		EX	PR
Splice Box Above Ground		EX	PR
Telephone Splice Box Above Ground		EX	PR
Telephone Pole		EX	PR

UTILITY ITEMS (contd.)

Traffic Signal		EX	PR
Traffic Signal Control Box		EX	PR
Water Meter		EX	PR
Water Meter Valve Box		EX	PR
Profile Line		EX	PR
Aerial Power Line		EX	PR

VEGETATION ITEMS

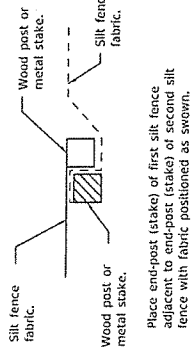
Deciduous Tree		EX	PR
Bush or Shrub		EX	PR
Evergreen Tree		EX	PR
Stump		EX	PR
Orchard/Nursery Line		EX	PR
Vegetation Line		EX	PR
Woods & Bush Line		EX	PR

WATER FEATURE ITEMS

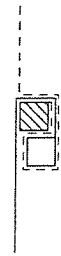
Stream or Drainage Ditch		EX	PR
Waters Edge		EX	PR
Water Surface Indicator		EX	PR
Water Point		EX	PR
Disappearing Ditch		EX	PR
Marsh		EX	PR
Marsh/Swamp Boundary		EX	PR

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 DIVISION OF POLICY AND PROCEDURES
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**STANDARD SYMBOLS,
 ABBREVIATIONS
 AND PATTERNS**
 (Sheet 9 of 9)
STANDARD 000001-08



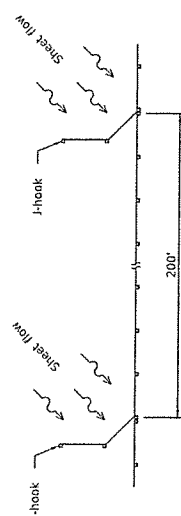
STEP 1



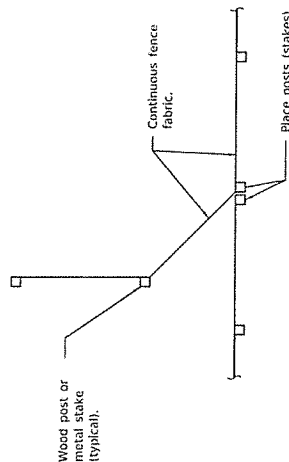
Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

STEP 2

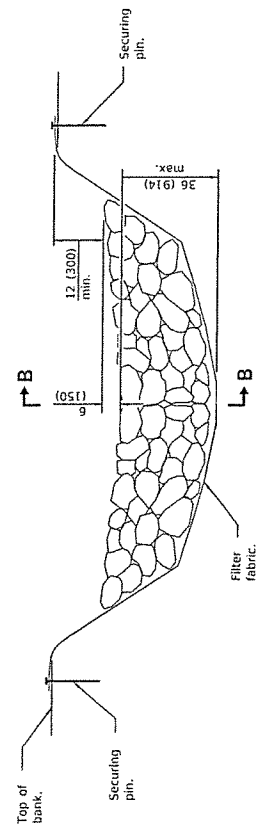
ATTACHING TWO SILT FILTER FENCES
(not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT

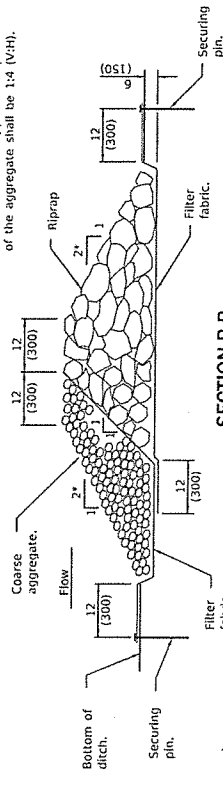


J-HOOK



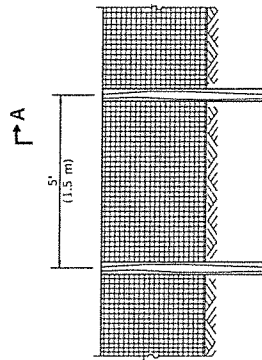
ELEVATION

* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



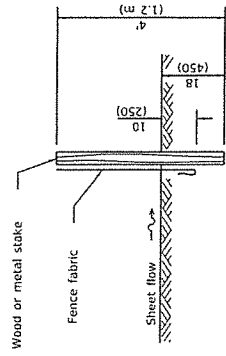
SECTION B-B

AGGREGATE DITCH CHECK

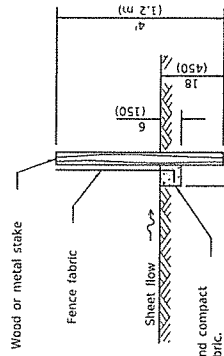


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A-A

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-13	Corrected notation for flowline (E) on SEDIMENT BASIN ELEVATION.
1-1-12	Omitted hay/straw perimeter barrier. Added SLICE METHOD to SECTION A-A.

TEMPORARY EROSION CONTROL SYSTEMS
(Sheet 1 of 2)

STANDARD 280001-07

ISSUED 1-1-97

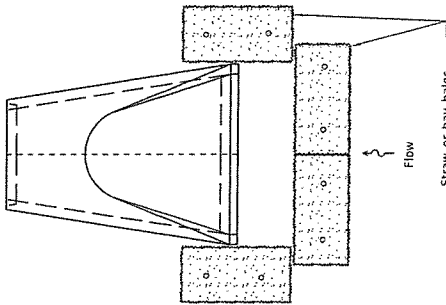
ILLINOIS Department of Transportation

DESIGNED BY: *Michael Bond* 2013

ENGINEER OF POLICE: *Michael Bond* 2013

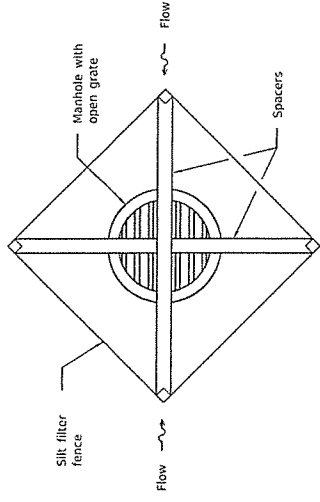
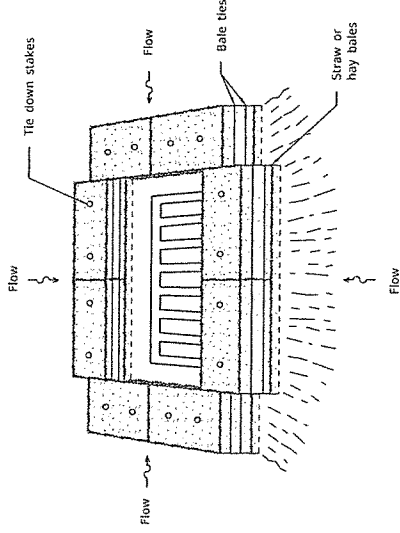
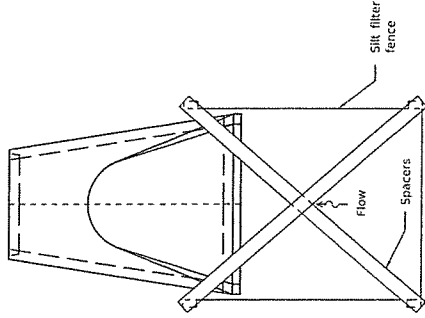
APPROVED BY: *Michael Bond* 2013

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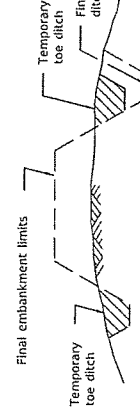
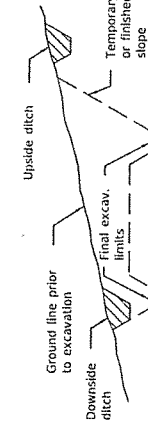
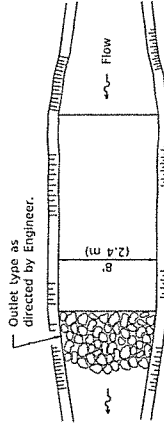


The performance of the basin will improve if put into a series.

ELEVATION



INLET AND PIPE PROTECTION



The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN

TYPICAL CUT CROSS-SECTION

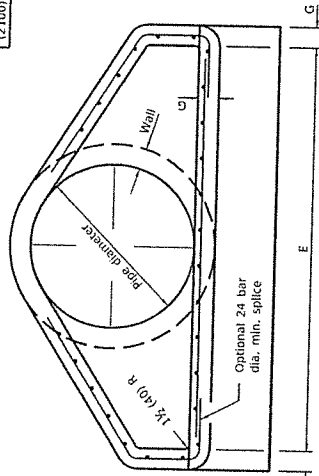
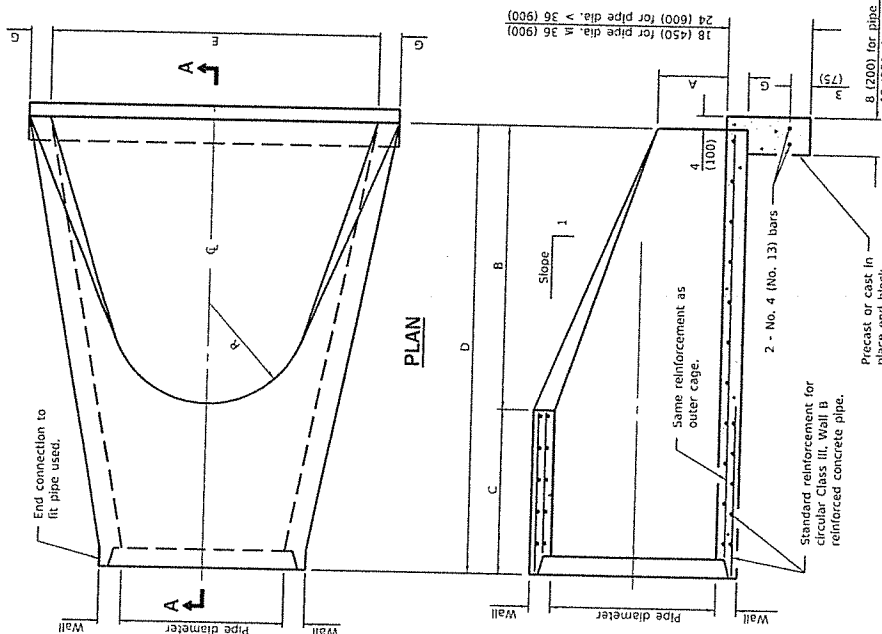
TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

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	STANDARD 280001-07	
	TEMPORARY EROSION CONTROL SYSTEMS	
	(Sheet 2 of 2)	

PIPE DIA.	APPROX. QTY. lbs. (kg)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	530 (240)	(51)	4 (102)	24 (610)	4'-0 1/2" (1,241 mm)	6'-0 1/2" (1,851 mm)	24 (610)	(51)	9 (229)	1:2.4
15 (375)	740 (335)	(57)	6 (152)	27 (686)	3'-10" (1,168 mm)	6'-1" (1,854 mm)	30 (762)	7 1/2" (191)	11 (280)	1:2.4
18 (450)	990 (450)	(64)	9 (229)	35 (889)	3'-10" (1,168 mm)	6'-1" (1,854 mm)	36 (914)	7 1/2" (191)	12 (303)	1:2.4
21 (525)	1280 (580)	(70)	9 (229)	35 (889)	3'-10" (1,168 mm)	6'-1" (1,854 mm)	36 (914)	7 1/2" (191)	13 (330)	1:2.4
24 (600)	1520 (690)	(76)	9 (229)	35 (889)	3'-7 1/2" (1,130 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	14 (356)	1:2.5
27 (675)	1930 (875)	(83)	10 (254)	4'-0" (1,219 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	14 (356)	1:2.5
30 (750)	2190 (995)	(89)	12 (305)	4'-10 1/2" (1,486 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	15 (381)	1:2.5
33 (825)	2700 (1225)	(95)	13 (330)	5'-3" (1,585 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	15 (381)	1:2.5
36 (900)	3100 (1400)	(102)	15 (381)	5'-3" (1,585 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	16 (407)	1:2.5
42 (945)	3800 (1725)	(114)	21 (533)	5'-3" (1,585 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	17 (433)	1:2.5
48 (1200)	4500 (2045)	(127)	24 (610)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	18 (459)	1:2.5
54 (1350)	5200 (2365)	(140)	27 (686)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	19 (485)	1:2.5
60 (1500)	6000 (2720)	(152)	30 (762)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	20 (511)	1:2.5
66 (1650)	6800 (3080)	(165)	33 (825)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	21 (537)	1:2.5
72 (1800)	7600 (3440)	(178)	36 (914)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	22 (563)	1:2.5
78 (1950)	8400 (3800)	(191)	39 (991)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	23 (589)	1:2.5
84 (2100)	9200 (4160)	(203)	42 (1067)	6'-0" (1,829 mm)	3'-10" (1,168 mm)	6'-1 1/2" (1,880 mm)	36 (914)	7 1/2" (191)	24 (615)	1:2.5

* Radius as furnished by manufacturer



24 (600) for pipe dia. ≤ 36 (900)
18 (450) for pipe dia. > 36 (900)

SECTION A-A

END VIEW

GENERAL NOTES
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in inches (millimeters) unless otherwise shown.

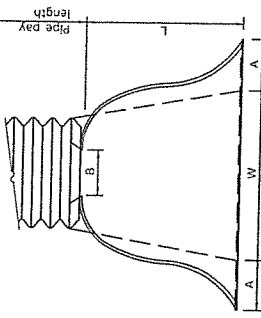
Illinois Department of Transportation
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ENGINEER OF BRIDGES AND STRUCTURES
APPROVED: [Signature] 2011
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-11	Clarified ref. to pipe dia. on Section A-A. Changed 'inner' to 'outer' cage ref. Switched units to English (metric).
1-1-09	

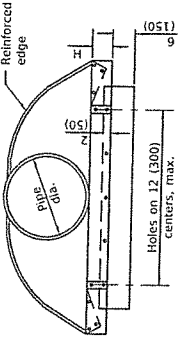
PRECAST REINFORCED CONCRETE FLARED END SECTION

STANDARD 542301-03

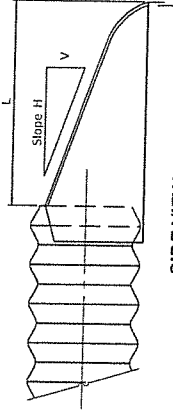
PIPE DIA.	THICKNESS	DIMENSIONS						SLOPE (Approx.) (V/H)	BODY
		A	B	H	L	W			
12	0.064	1±	1±	1±	1±	2±			
(300)	(1.63)	(25)	(max.)	(25)	(38)	(50)			
15	0.064	6	6	6	21	24	1:2½	1 P.C.	
(375)	(1.63)	(150)	(150)	(150)	(535)	(610)			
17½	0.064	7	8	6	26	30	1:2½	1 P.C.	
(440)	(1.63)	(175)	(205)	(150)	(660)	(760)			
21	0.064	8	10	6	31	36	1:2½	1 P.C.	
(530)	(1.63)	(205)	(255)	(150)	(785)	(915)			
24	0.064	10	13	6	36	42	1:2½	1 P.C.	
(600)	(1.63)	(255)	(330)	(150)	(915)	(1,065 m)			
30	0.079	12	16	8	41	48	1:2½	1 P.C.	
(750)	(2.01)	(305)	(405)	(205)	(1,220 m)	(1,420 m)			
36	0.079	14	19	9	60	72	1:2½	2 P.C.	
(900)	(2.01)	(355)	(480)	(230)	(1,525 m)	(1,830 m)			
42	0.109	16	22	11	69	84	1:2½	2 P.C.	
(1050)	(2.77)	(405)	(560)	(280)	(1,750 m)	(2,135 m)			
48	0.109	18	27	12	78	90	1:2½	2 P.C.	
(1200)	(2.77)	(455)	(685)	(305)	(1,980 m)	(2,285 m)			
54	0.109	18	30	12	84	102	1:2	2 P.C.	
(1350)	(2.77)	(455)	(760)	(305)	(2,135 m)	(2,590 m)			
60	0.109	18	33	12	87	114	1:1½	3 P.C.	
(1500)	(2.77)	(455)	(840)	(305)	(2,210 m)	(2,895 m)			
66	0.109	18	36	12	87	120	1:1½	3 P.C.	
(1650)	(2.77)	(455)	(930)	(305)	(2,210 m)	(3,050 m)			
72	0.109	18	42	12	87	126	1:1½	3 P.C.	
(1800)	(2.77)	(455)	(1,020)	(305)	(2,210 m)	(3,200 m)			
78	0.109	18	42	12	87	126	1:1½	3 P.C.	
(1950)	(2.77)	(455)	(1,065 m)	(305)	(2,210 m)	(3,355 m)			
84	0.109	18	45	12	87	138	1:1½	3 P.C.	
(2250)	(2.77)	(455)	(1,145 m)	(305)	(2,210 m)	(3,505 m)			



PLAN



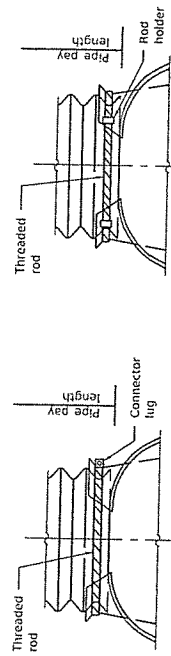
END VIEW



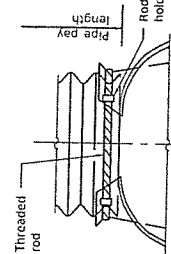
SIDE VIEW

NOTES
 For 60 (1500) thru 84 (2250) sizes, reinforced edges shall be supplemented with stiffer angles. The angles shall be 2x2x¼ (51x51x6.4) for 60 (1500) thru 72 (1800) diameter and 2½x2½x¼ (64x64x6.4) for 78 (1950) thru 84 (2250) diameter. The angles shall be attached by ¼ (M10) rivets or bolts.
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).

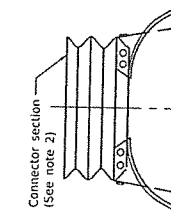
END SECTION



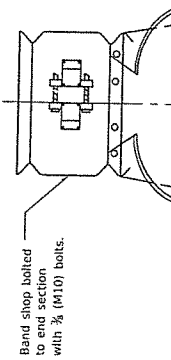
TYPE 1
 For 12 (300) thru 24 (600) only
 (See Note 1)



TYPE 2
 For 30 (750) and 36 (900) only
 (See Note 1)



TYPE 3
 (See Note 2)

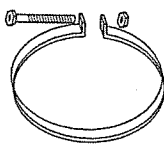


TYPE 4
 (See Note 3)

NOTES
 1. Types 1 and 2 for pipes with annular ends only.
 2. Type 3 connection may be used for all pipe sizes and features ¼ (200) of the pipe length. The connector shall be attached to the end section by rivets or bolts. It shall be the same metal thickness as the end section. Stub shall be either 2½ (68) pitch x ½ (13) depth or 3 (75) pitch x 1 (25) depth annular corrugated pipe.
 3. Type 4 connection can be used for all pipe sizes. Coupler shall be 2½ x ½ (68x13) dimple, lugger, or annular band of 3x1 (75x25). The dimple, lugger, or annular band may be used with corrugated metal pipes having annular ends. For corrugated metal pipes having helical ends, only the dimple band will be allowed.
 All dimensions are in inches (millimeters) unless otherwise shown.

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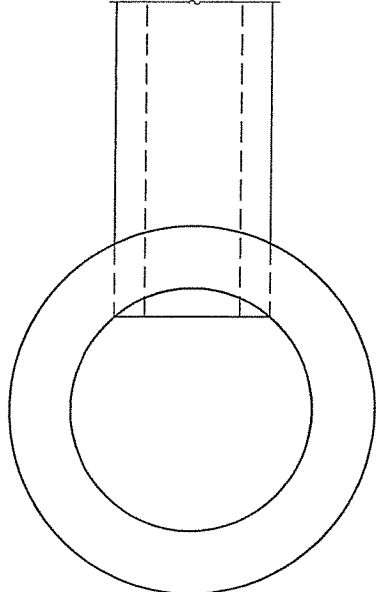
ALTERNATE STRAP CONNECTOR
 (For Type 1 only)



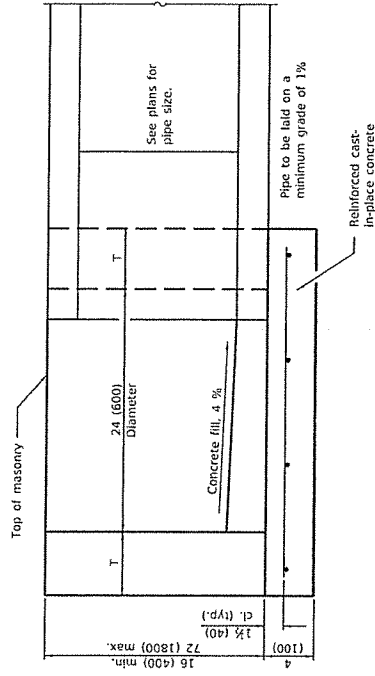
1 (25) wide, 0.109 (2.77) thick strap with standard ½x6 (M12x150) band bolt and nut.

CONNECTIONS OF END SECTIONS

METAL FLARED END SECTION FOR PIPE CULVERTS		STANDARD 542401-04	
DATE	REVISIONS		
1-1-21	Revised THICKNESS values in table.		
1-1-18	Remained standard.		

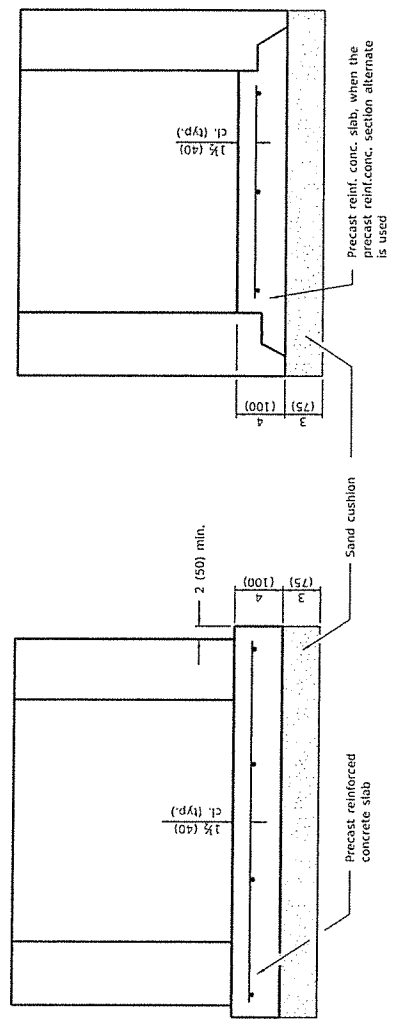


PLAN



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).
 Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

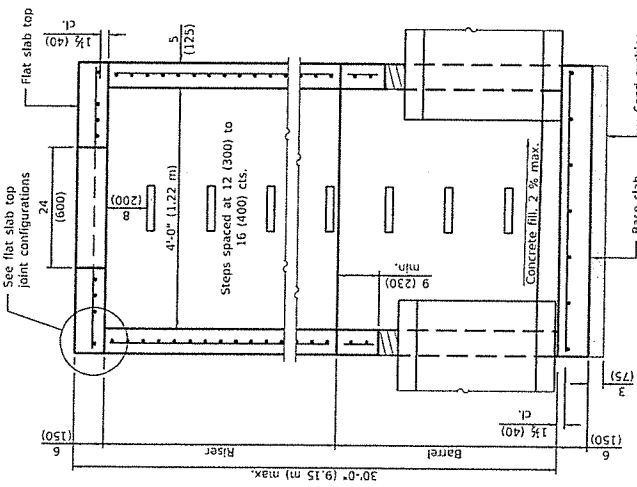
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max. limit to height. Added general notes.

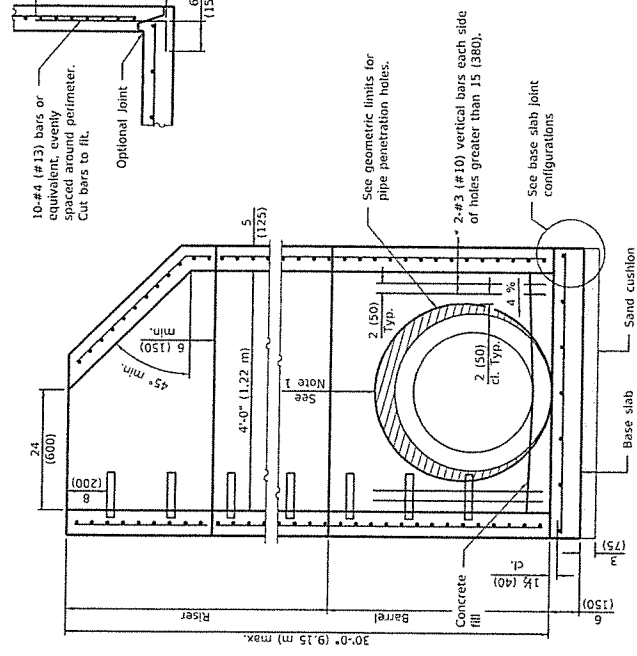
Illinois Department of Transportation
 PASSED JANUARY 1, 2014
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 ISSUED 1-1-97

INLET - TYPE A

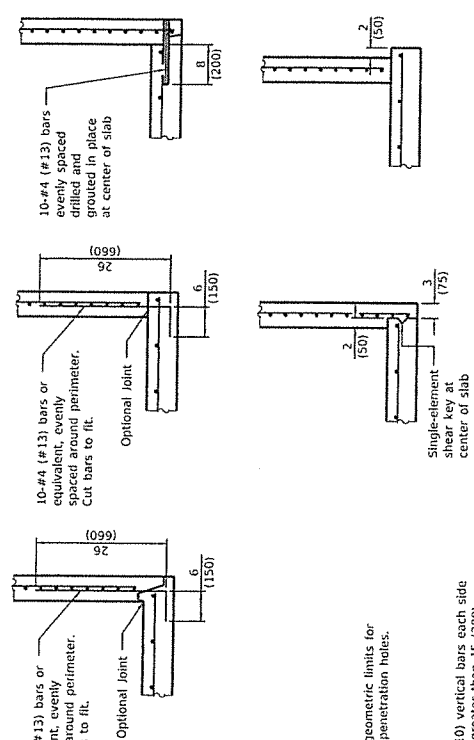
STANDARD 602301-04



SECTION PARALLEL TO PIPE
(Without conical top riser)



SECTION PERPENDICULAR TO PIPE
(With conical top riser)

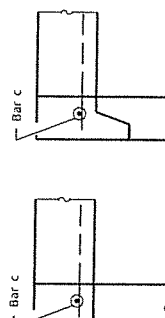


BASE SLAB JOINT CONFIGURATIONS

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).
- Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.
- Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

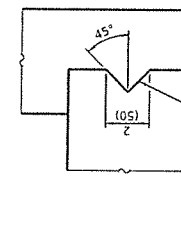


FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses. Lifting holes shall be located in the sections as per the manufacturer's recommendations. See Standard 602701 for details of manhole steps.

SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

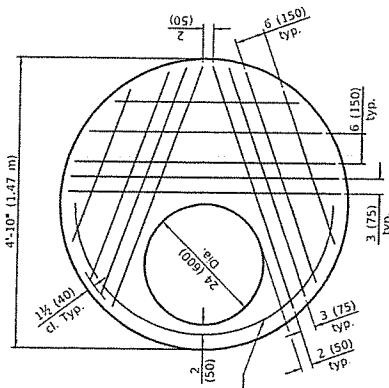


Single-element shear key at center of slab

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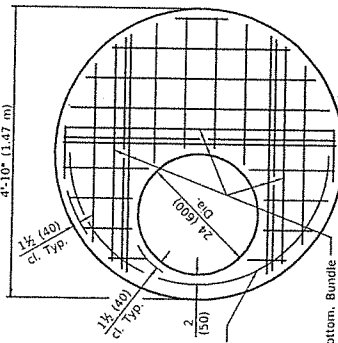
DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER
 (Sheet 1 of 2)
STANDARD 602401-07



PLAN - FLAT SLAB TOP

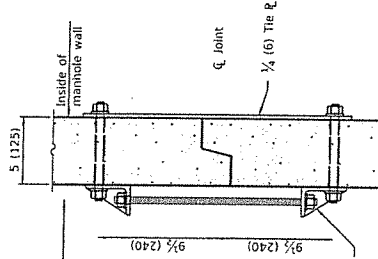
(Showing layout of reinforcement bars and c bars)



PLAN - FLAT SLAB TOP

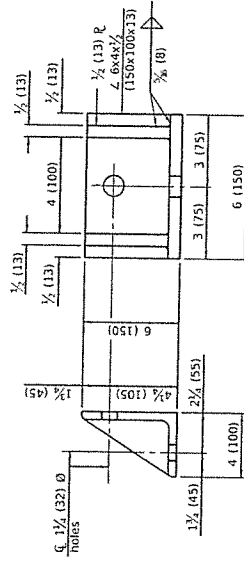
(Showing layout of welded wire reinforcement and c bars)

5 (125) ϕ Threaded rods with 2 1/2" x 2 1/2" x 3/16" (55x55x6) ϕ washers under each nut. All nuts shall be brought to a snug tight condition. Holes in the walls may be drilled using core bits in lieu of formed holes.

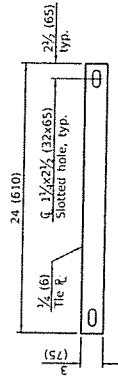


Connection angle

JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar	
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)
Bottom Mat	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar sizes	Bar Size #4 (#16)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

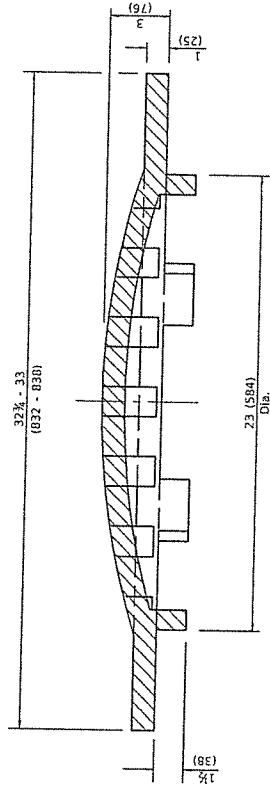
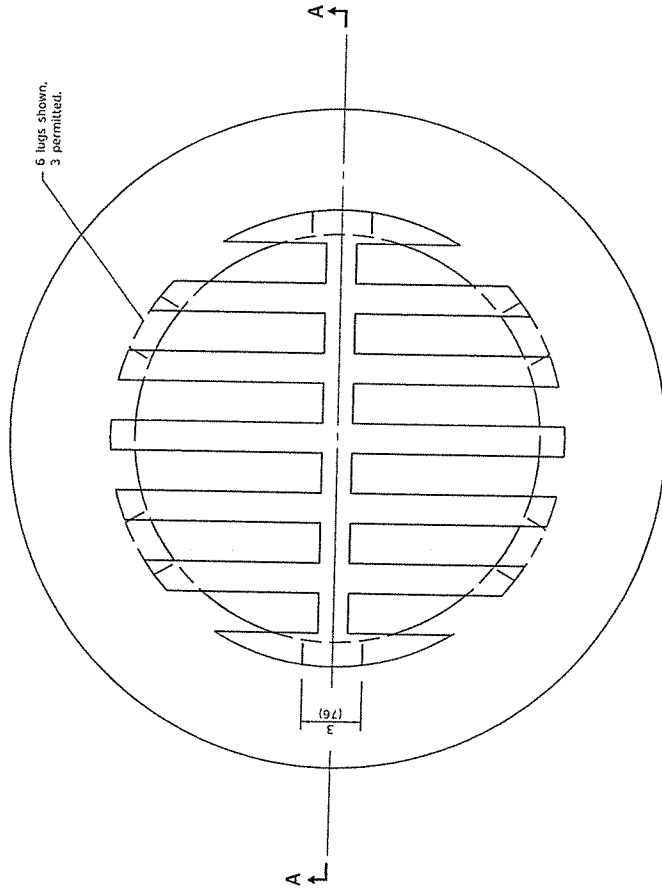
BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	\leq 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	$>$ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)

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PRECAST MANHOLE TYPE A
4' (1.22 m) DIAMETER
 (Sheet 2 of 2)

STANDARD 602401-07



SECTION A-A

CAST GRATE

All dimensions are in inches (millimeters) unless otherwise shown.

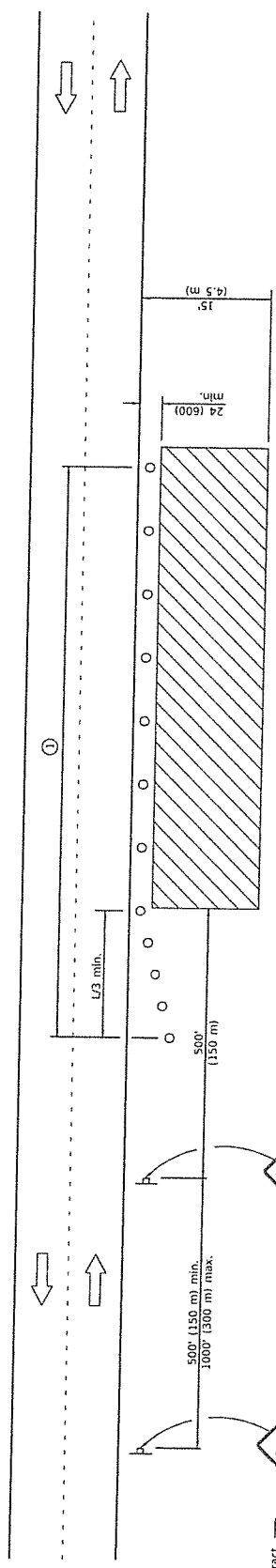
DATE	REVISIONS
1-1-15	Revised dimensions.
1-1-09	Switched units to English (metric).

GRATE TYPE 8

STANDARD 604036-03

Illinois Department of Transportation
 PASSED January 1, 2015
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 APPROVED January 1, 2015
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ISSUED 1-1-15



For contract construction projects
 W20-110310)-48

For maintenance and utility projects
 W20-1101)-48

GENERAL NOTES
 This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT

40 mph (70 km/h) or less:
 $L = \frac{WS^2}{60}$

45 mph (80 km/h) or greater:
 $L = (W)(S) \quad L = 0.65(W)(S)$

FORMULAS
 English (Metric)
 $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
 $L = (W)(S)$ $L = 0.65(W)(S)$

W = Width of offset in feet (meters).
 S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

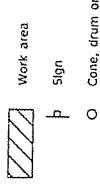
STANDARD 701006-05

① When the work operation exceeds one hour, cones, drums or barricades shall be placed 50' (15 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delinquent installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

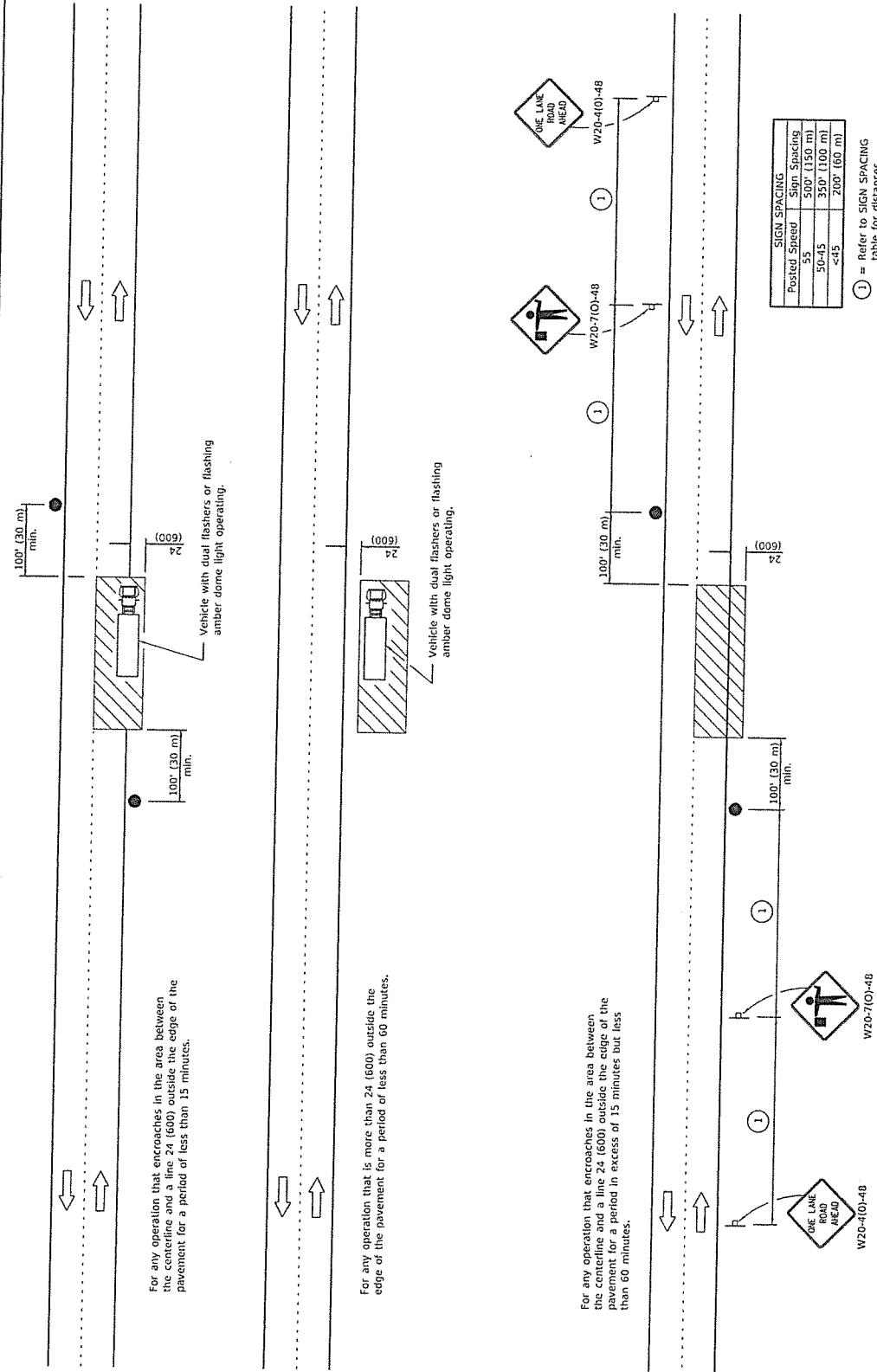
SYMBOLS



DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

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 ISSUED 1-1-97

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For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period of less than 15 minutes.

For any operation that is more than 24 (600) outside the edge of the pavement for a period of less than 60 minutes.

For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period in excess of 15 minutes but less than 60 minutes.

Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

① = Refer to SIGN SPACING table for distances.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

TYPICAL APPLICATIONS

- Marking patches
- Field survey
- String line
- Utility operations
- Cleaning up debris on pavement

All dimensions are in inches (millimeters) unless otherwise shown.

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

STANDARD 701301-04

ISSUED 1-1-97

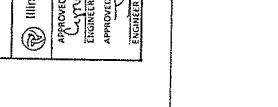
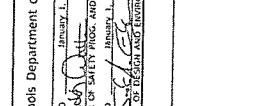
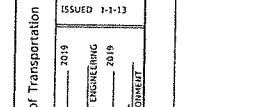
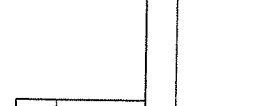
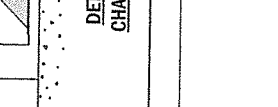
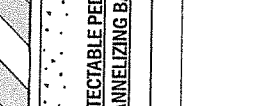
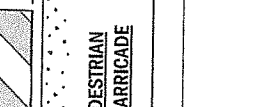
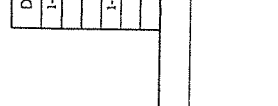
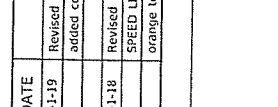
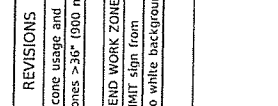
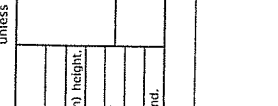
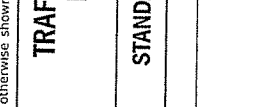
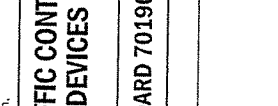
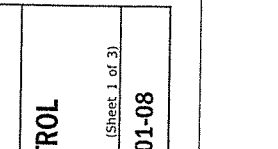
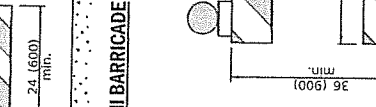
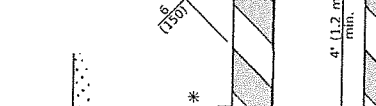
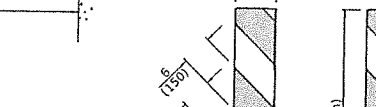
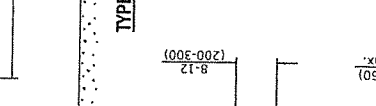
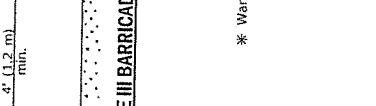
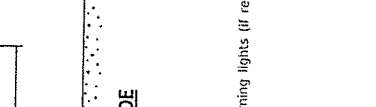
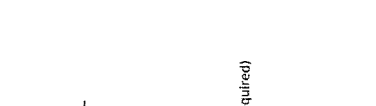
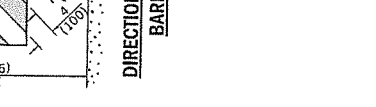
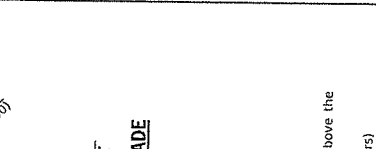
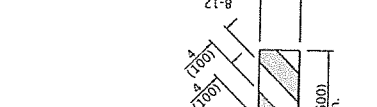
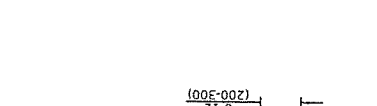
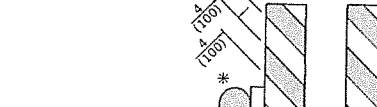
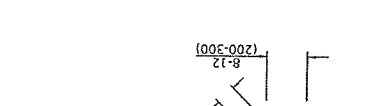
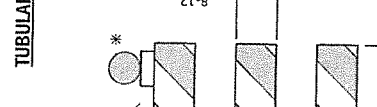
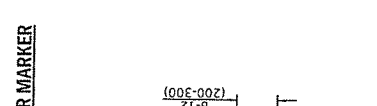
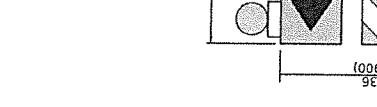
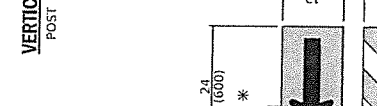
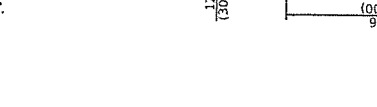
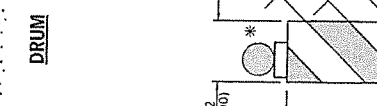
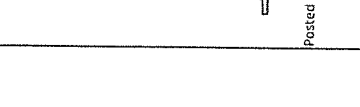
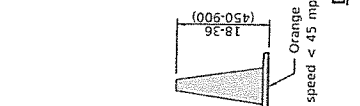
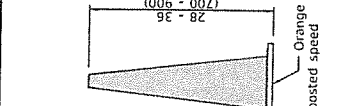
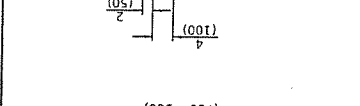
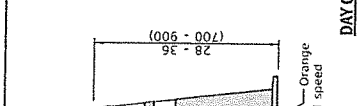
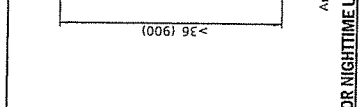
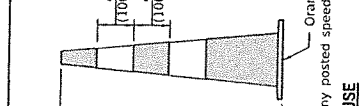
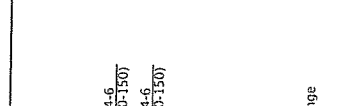
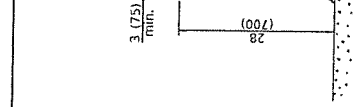
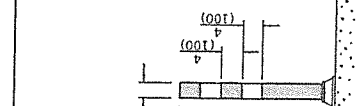
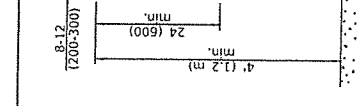
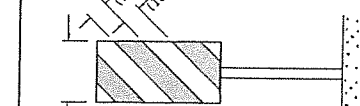
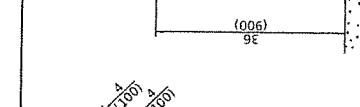
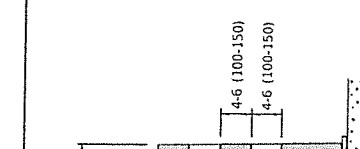
Illinois Department of Transportation

PASSED JANUARY 1, 2011

ENGINEER OF SAFETY ENGINEERING

APPROVED [Signature] JANUARY 1, 2011

ENGINEER OF DESIGN AND ENVIRONMENT



DRUM
VERTICAL PANEL POST MOUNTED
TUBULAR MARKER
DAY OR NIGHTTIME USE
DAYTIME USE
CONES
TYPE I BARRICADE
TYPE II BARRICADE
TYPE III BARRICADE
DIRECTION INDICATOR BARRICADE
VERTICAL BARRICADE
DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

GENERAL NOTES
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

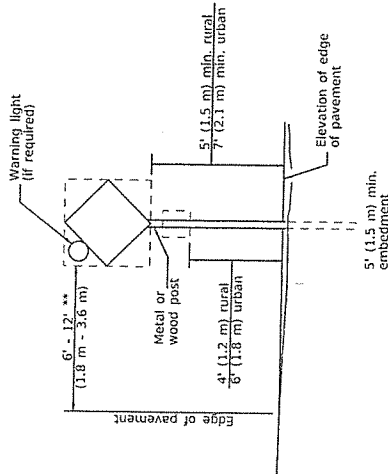
* Warning lights (if required)

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 mm) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

ILLINOIS DEPARTMENT OF TRANSPORTATION
APPROVED January 1, 2019
Cynthia A. Hill
ENGINEER OF SAFETY PROC. AND ENGINEERING
APPROVED January 1, 2019
S. J. Hill
ENGINEER OF DESIGN AND ENVIRONMENT

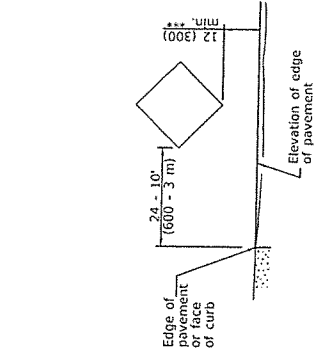
ISSUED 1-1-13

TRAFFIC CONTROL DEVICES
STANDARD 701901-08
(Sheet 1 of 3)



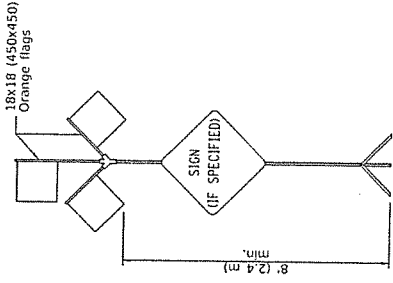
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8) to the outside edge of the paved shoulder.

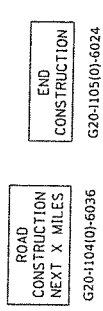


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

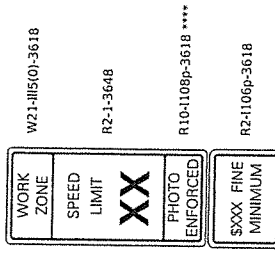


HIGH LEVEL WARNING DEVICE

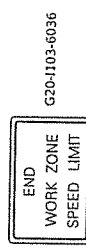


This signing is required for all projects 2 miles (3200 m) or more in length.
 ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.
 END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).
 Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



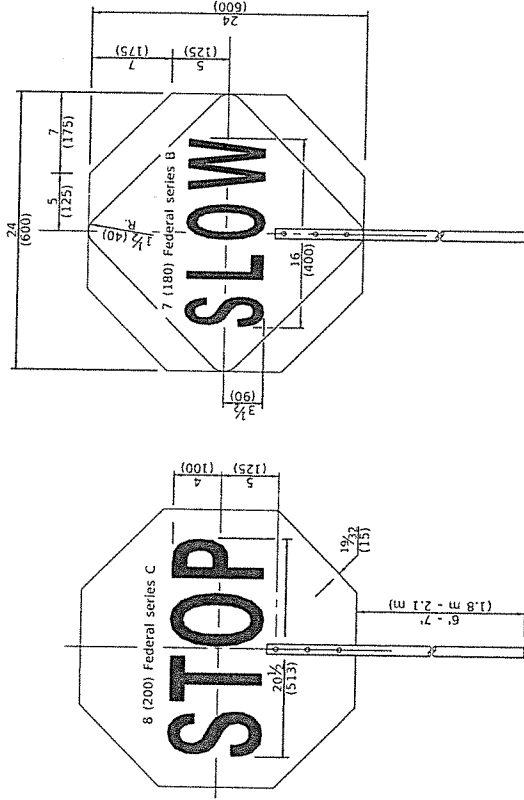
Sign assembly as shown on Standards or as allowed by District Operations.



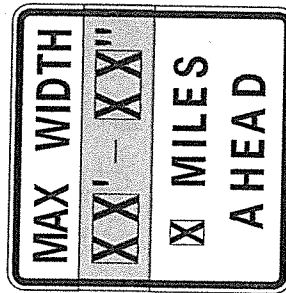
This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



FLAGGER TRAFFIC CONTROL SIGN



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.

Illinois Department of Transportation

APPROVED: *[Signature]* 2019
 ENGINEER OF SAFETY PROG. AND ENGINEERING

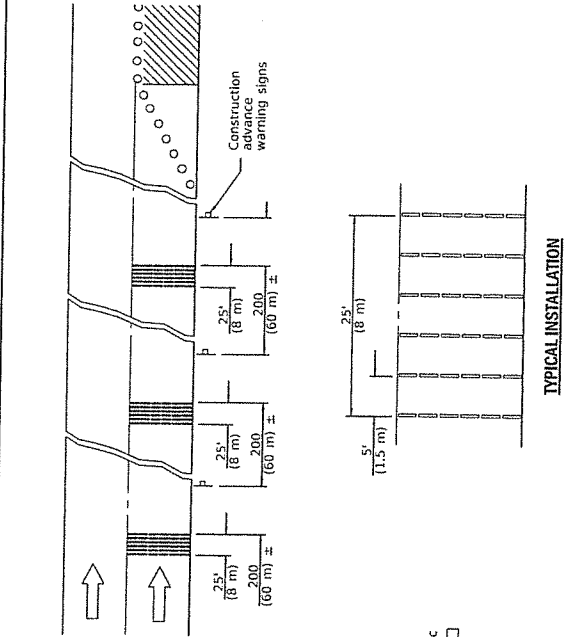
ISSUED: 1-1-13

APPROVED: *[Signature]* 2019
 ENGINEER OF DESIGN AND ENGINEERING

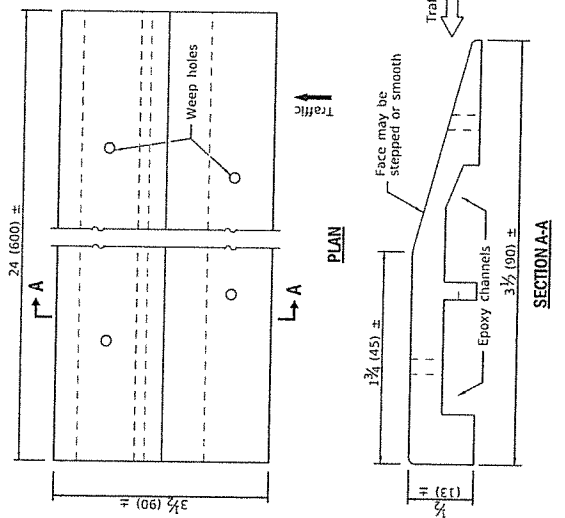
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

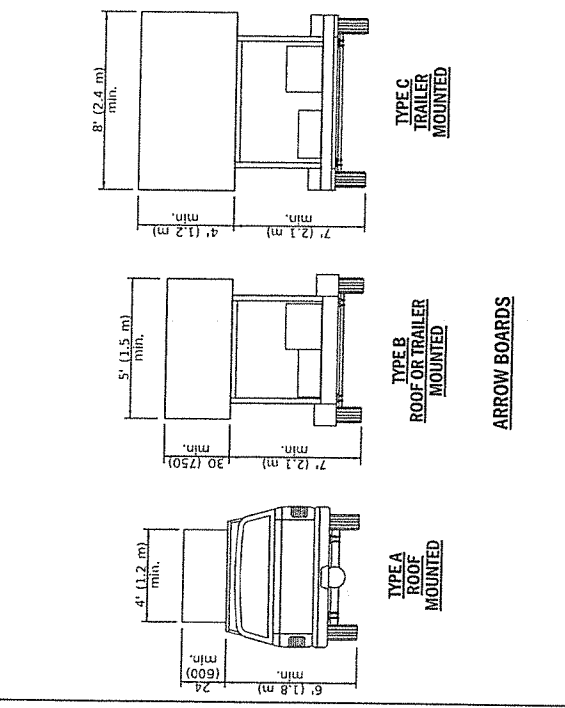
STANDARD 701901-08



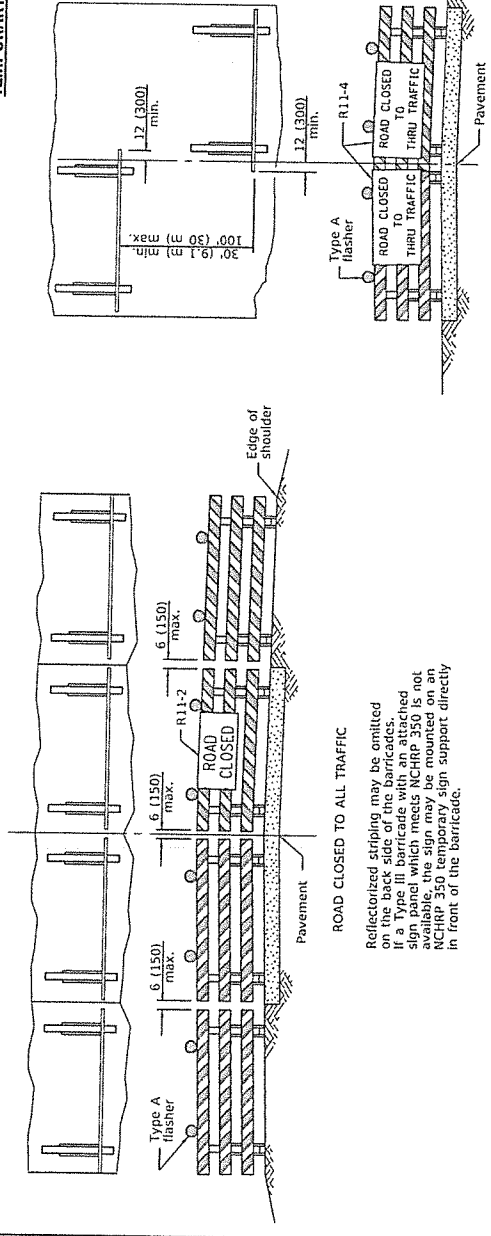
TYPICAL INSTALLATION



TEMPORARY RUMBLE STRIPS



ARROW BOARDS



TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

ReflectORIZED striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

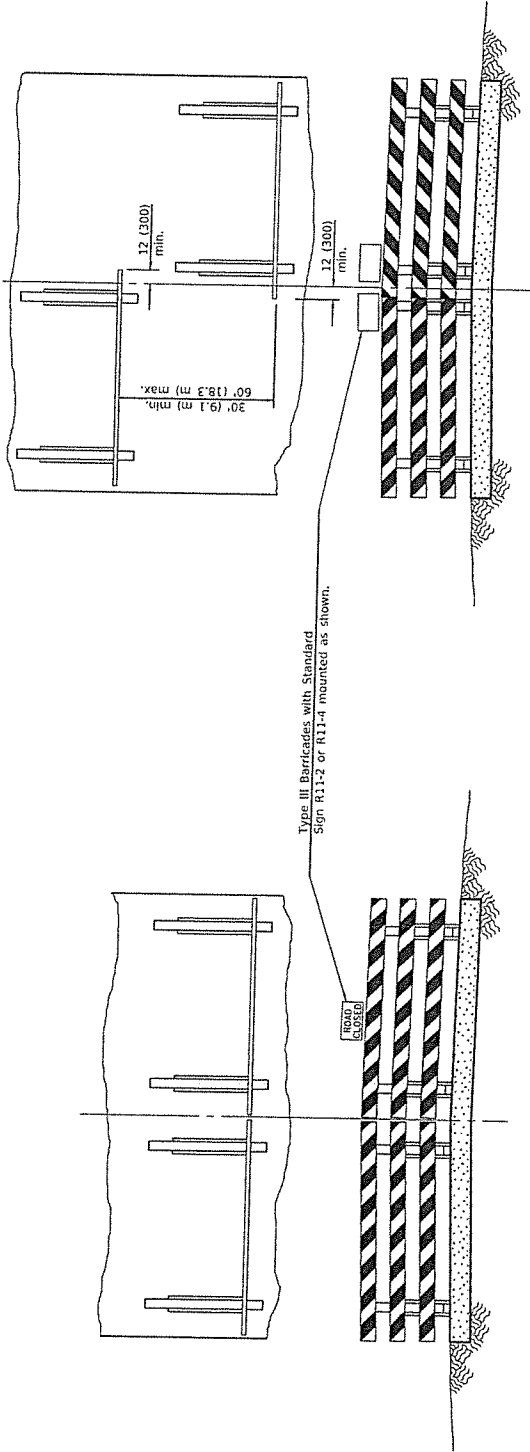
Illinois Department of Transportation
 APPROVED: [Signature] 2015
 ENGINEER OF SAFETY PROG. AND ENGINEERING
 APPROVED: [Signature] 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

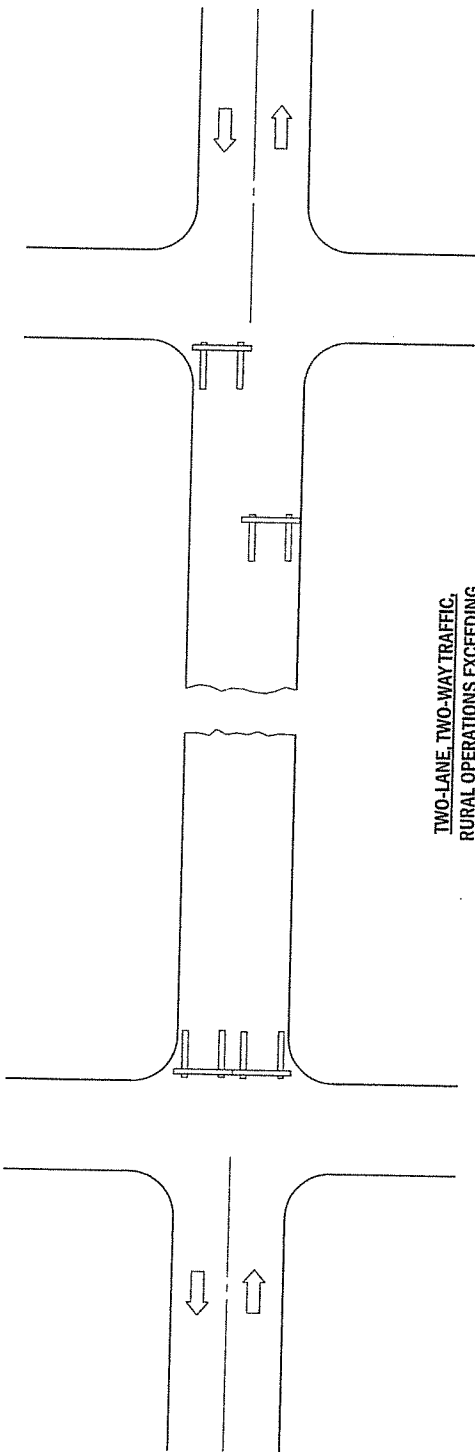
(Sheet 3 of 3)

STANDARD 701901-08



Use when shoulders are too narrow for passage of traffic.

Resident traffic and day labor force's equipment to use road shoulder for passing barricade.



**TWO-LANE, TWO-WAY TRAFFIC,
RURAL OPERATIONS EXCEEDING
ONE DAYLIGHT PERIOD**

GENERAL NOTES

Type III barricades to be width of pavement only.
 Reflectized striping shall appear on both sides of barricades. Barricades shall be positioned so that stripes slope downward toward the side on which traffic is to pass.
 Although not shown, advance warning signs with minimum dimensions of 36x36 (900x900) and black legends on orange reflectized backgrounds shall be utilized where needed.
 This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.
 All dimensions are in inches (millimeters) unless otherwise shown.

**TRAFFIC CONTROL DEVICES -
DAY LABOR CONSTRUCTION**

STANDARD B.L.R. 17-4

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-98	Rev. "R11-1" to "R11-4", Rev. 4th General Note.

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF LEGAL DESIGN AND TITLE
 APPROVED [Signature] 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

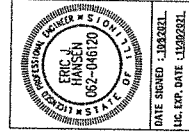
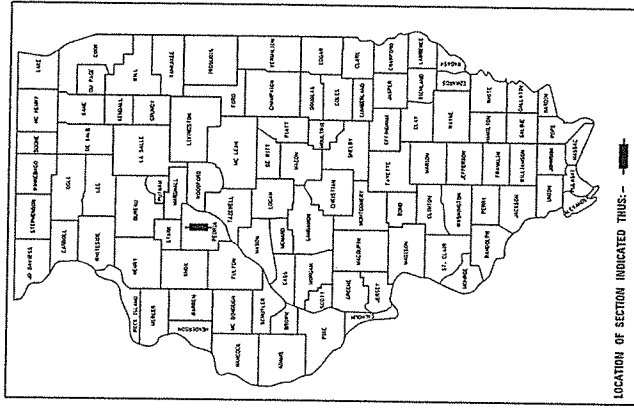
ISSUED 1-1-97

**CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS**

SPRING LANE & ORCHARD LANE

SWU CAPITAL IMPROVEMENT

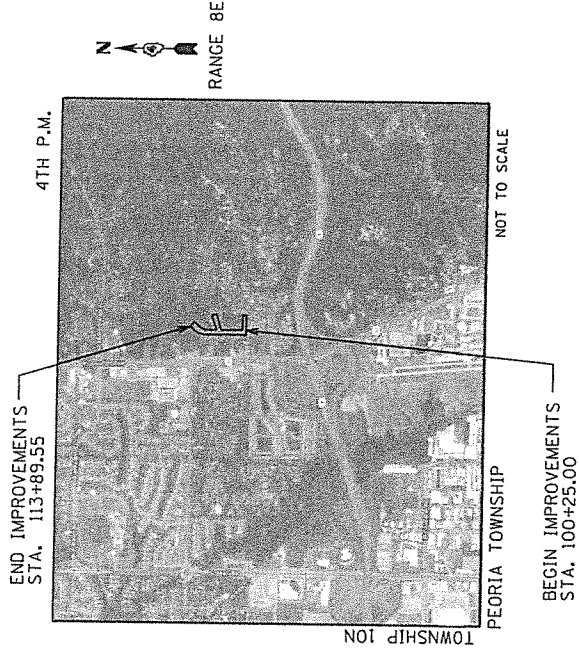
SECTION	COUNTY	SHEET
PEORIA DIST. NO.	PEORIA	21
ALMOST CONTRACT NO.		1



Eric P. Hansen

AGENCY RESPONSIBLE FOR LETTING
APPROVED: October 27, 2011
Andrea Klopfenstein
CITY OF PEORIA, CITY ENGINEER

CITY ENGINEER: **ANDREA KLOPFENSTEIN, P.E.**



LOCATION MAP
 SPRING LANE GROSSMET LENGTH : = 1.365 L.F. (0.26 MILES)
 ORCHARD LANE GROSSMET LENGTH : = 435 L.F. (0.08 MILES)
 RAVINWOODS ROAD GROSSMET LENGTH : = 340 L.F. (0.08 MILES)

INDEX TO SHEETS

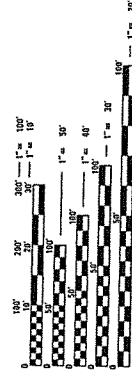
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SCHEDULES
4-5	TYPICAL SECTIONS
6-10	DRAINAGE PLAN AND PROFILES
11	EROSION CONTROL PREVENTION PLAN
12-21	GROSS SECTIONS

IDOT HIGHWAY STANDARD DETAIL PLANS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 500001-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 502001-04 INLET - TYPE
- 602001-04 PRECAST MANHOLE TYPE A, 4' DIAMETER
- 604001-07 GRADE TYPE B
- 604003-03 OFF-ROAD OPERATIONS 15 FT TO EDGE OF PAVT
- 700001-05 CURB AND GUTTER
- 701001-04 TRAFFIC CONTROL DEVICES - SHORT TIME OPERATION
- 701901-08 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- BLR 17-4

AVERAGE DAILY TRAFFIC (ADT)
 SPRING LANE - LESS THAN 400 VPD

FUNCTIONAL CLASSIFICATION
 LOCAL STREET - SPRING LANE



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.

JULIE
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-492-0123
 OR 811

GENERAL NOTES

1. THE LOCATION OF DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THESE PLANS IS APPROVED BY THE LOCAL AGENCIES TO BE PERFORMED 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 UTILITIES SHALL BE REQUESTED TO RELOCATE THEIR FACILITIES IN COOPERATION WITH THE CONTRACTOR'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THESE FACILITIES FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FACILITIES THAT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR.
3. ALL AREAS DISTURBED DURING CONSTRUCTION OPERATIONS AND NOT PART OF THE SATISFACTORY CONDITION SHALL BE RESTORED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE CITY AND THEIR ENGINEERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF THIS WORK. 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 REMOVAL OF EXISTING UTILITIES AS NECESSARY TO ALLOW CONSTRUCTION OF THE PROPOSED IMPROVEMENTS IDENTIFIED IN THESE PLANS.
6. WHEN CONCRETE REMOVAL IS REQUIRED, IT MUST BE ACCOMPANIED BY SAWCUT, SLEDGES, AND PNEUMATIC HAND TOOLS TO PREVENT CRACKING, SHATTERING, OR SPALLING OF CONCRETE THAT IS TO REMAIN.
7. THE CONTRACTOR SHALL MAINTAIN SURFACE DRAINAGE THROUGHOUT THE CONSTRUCTION PROCESS.
8. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, STORAGE, AND RE-INSTALLATION OF ALL EXISTING SIGNAGE, BENCH MARKS, AND OTHER ITEMS THAT ARE IMPACTED BY THIS CONTRACT AND ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY OF THESE ITEMS THAT ARE REMOVED AND RE-INSTALLATION OF THESE ITEMS SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CONTRACT.
9. CARE MUST BE TAKEN FOR ANY EARTH EXCAVATION NEAR EXISTING TREES SO THAT DAMAGE TO THE TREE IS NOT OCCURRING. CONTRACTOR SHALL PRUNE TREE ROOTS AS REQUIRED FOR THE IMPROVEMENTS. CONTRACTOR SHALL PRUNE PRUNING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
10. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PRIVATE PROPERTIES IMPACTED BY THE CONSTRUCTION OF THESE IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH EACH AFFECTED PROPERTY OWNER TO MAKE ARRANGEMENTS FOR ACCESS NEEDS TO THE PROPERTY.
11. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE LANE OPEN TO ONE-WAY OR TWO-WAY TRAFFIC ON SPRING LANE AND ADJACENT SIDE STREETS THROUGHOUT THE DURATION OF CONSTRUCTION.
12. 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.
13. ALL HMA PAVEMENT SURFACE COURSES, CONCRETE BASE COURSES, CONCRETE PAVEMENTS, CURBS, GUTTERS, AND SIDE WALKS WHICH ARE TO BE REMOVED MUST BE SAWCUT AT THE LIMITS OF REMOVAL.
14. CONTRACTOR MUST SAWCUT FOR DRIVEWAYS AT THE IMPROVEMENT LIMITS AT LOCATIONS AS SHOWN ON THE PLANS TO AVOID DAMAGE TO ADJACENT PROPERTIES.
15. SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNFITTABLE CONDITION.
16. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING FOUR INCHES IN AREAS TO BE SEED OR SODDED. EXISTING SOILS SHALL BE PROTECTED FROM CONSTRUCTION WITH CONSTRUCTION AGGREGATE OR BERMS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR SODDING AND SEEDING, CLASS 3A.
17. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE NUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INDICATED IN THESE PLANS.

18. CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS IN CONFORMANCE WITH CURRENT EPA REGULATIONS.
 19. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES THAT ARE IN CONFLICT WITH CONSTRUCTION TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR CONSIDERED FOR REMOVAL. ONCE THE CONSTRUCTION TRAFFIC CONTROL SYSTEM IS IN PLACE AT NO ADDITIONAL COST TO THE CONTRACTOR. ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. DAMAGED SIGNS OR DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
 20. POST MASTER AN ACCEPTABLE METHOD FOR MAIL COORDINATION WITH THE ENGINEER AND LOCAL MAIL BOX FACILITIES MAY BE REQUIRED TO BE FURNISHED BY THE CONTRACTOR. TEMPORARY MAIL BOXES SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR. THE COST OF THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR RELOCATE EXISTING MAILBOX.
 21. ANY MATERIAL OR SIGNAGE THAT IS TO BE REMOVED OR RELOCATED BY THE CONTRACTOR MUST BE CONTACTED BY THE CITY AND THEIR ENGINEERS. THESE PLANS ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.
- AMEREN ILLINOIS - GAS: ZACH WILSON (309) 677-5331
 AMEREN ILLINOIS - ELECTRIC: WAHEED SHAHZAD (309) 693-4631
 AMERICAN WATER: CHARLES BARTON (309) 258-9151
 COMCAST: MARK WABEL (309) 303-2037

SUMMARY OF QUANTITIES

SP	PAY ITEM	DESCRIPTION	UNIT	QTY
	25100125	MULCH, METHOD 3	ACRE	2
	40001892	CLASS D PATCHES, TYPE II, 1 INCH	SQ YD	33
	60219000	MANHOLES, TYPE A, 4' DIAMETER, TYPE & GRATE	EACH	3
	60362000	INLETS, TYPE A, TYPE R GRATE	EACH	4
	20200000	EARTH EXCAVATION	CYD	905
	25000100	SEEDING, CLASS 1	ACRE	1
	25200100	SODDING	SQ YD	2,730
	28100005	STONE RIPRAP, CLASS A3	SQ YD	27
	31101600	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1,084
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,084
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,084
	48100500	AGGREGATE SHOULDER, TYPE A 6"	SQ YD	1,076
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	889
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
	54281722	STEEL FLARED END SECTIONS 12"	EACH	30
	54281725	STEEL FLARED END SECTIONS 15"	EACH	8
	54281718	STEEL FLARED END SECTIONS 18"	EACH	6
	54200217	PIPE CULVERTS, CLASS D, TYPE I, 12"	FOOT	408
	54200220	PIPE CULVERTS, CLASS D, TYPE I, 15"	FOOT	133
	54200223	PIPE CULVERTS, CLASS D, TYPE I, 18"	FOOT	84
	55000090	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	246
	55000090	STORM SEWERS, CLASS A, TYPE 1, 15"	FOOT	60
	55000090	STORM SEWERS, CLASS A, TYPE 1, 18"	FOOT	184
	67100100	MOBILIZATION	L SUM	1
	X0327301	RELOCATE EXISTING MAILBOX	EACH	32
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	X0000001	EROSION CONTROL, (SPECIAL)	L SUM	1
	Z0013708	CONSTRUCTION LAYOUT	L SUM	1
	Z0056648	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	FOOT	320

BENCHMARKS

ID	ELEVATION	STATION	OFFSET	DESCRIPTION
BM #1	799.31	103+38.40	-27.00	FIRE HYDRANT CAP BOLT
BM #2	798.02	111+36.21	-25.51	FIRE HYDRANT CAP BOLT
BM #3	797.44	100+31.04	-32.17	FIRE HYDRANT EAST CAP BOLT
BM #4	800.29	107+24.82	-27.96	FIRE HYDRANT EAST CAP BOLT
BM #5	796.67	144+27.69	0.76	IRON PIN
BM #6	790.84	510+90.00	-33.00	FIRE HYDRANT WEST CAP BOLT

HORIZONTAL CONTROL POINTS

ID	NORTHING	EASTING	DESCRIPTION
CP1	1,509,307.54	2,450,539.64	IRON PIN
CP2	1,509,879.51	2,450,477.35	IRON PIN
CP3	1,510,373.25	2,450,526.05	IRON PIN
CP4	1,509,985.25	2,450,600.95	IRON PIN
CP5	1,509,992.74	2,450,733.42	IRON PIN
CP6	1,510,026.89	2,450,918.72	IRON PIN
CP7	1,509,181.51	2,450,974.47	MAG NAIL



DESIGNED - ARH
 DRAWN - ARH
 CHECKED -
 DATE -

REVISIONS
 REVISION -
 REVISION -
 REVISION -

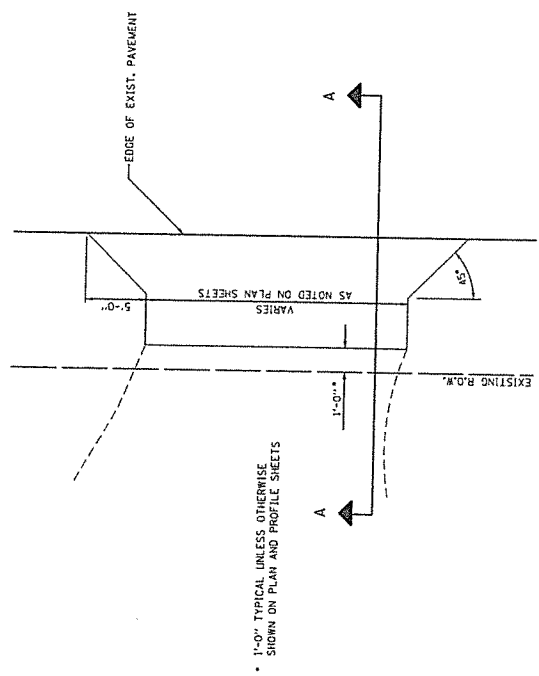
**CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS**

**GENERAL NOTES
 SPRING LANE**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

SECTION PEORIA CONTRACT NO. 11111111111111111111

Street Centerline	Culvert Number	Material	Diameter	Upstream (@ toe of FES)			Downstream (@ toe of FES)			Culvert Length
				Station	Offset	Invert	Station	Offset	Invert	
Rainwoods	1	RCP	18	505+56.16	-26.43	794.30	506+03.31	-26.43	794.15	35
Spring	2	CMP	12	102+27.76	-22.50	795.13	101+86.76	-22.50	794.94	31
Spring	3	CMP	12	103+43.28	-22.50	796.02	103+16.78	-22.50	795.63	23
Spring	4	CMP	12	103+90.14	-22.50	796.34	104+25.18	-22.50	796.20	23
Spring	5	CMP	12	104+51.88	-22.50	796.59	105+28.89	-22.50	796.75	41
Spring	6	CMP	12	104+51.88	-22.50	795.77	107+29.87	-22.50	795.30	43
Spring	7	CMP	12	104+63.57	-22.50	795.05	107+96.32	-22.50	794.64	38
Spring	8	CMP	15	104+94.60	-22.50	795.27	108+63.94	-22.50	793.95	27
Spring	9	CMP	15	104+94.60	-22.50	795.80	109+12.82	-22.50	793.47	28
Spring	10	CMP	15	104+94.60	-22.50	796.00	106+83.54	-22.50	795.68	60
Spring	11	CMP	15	104+94.60	-22.50	795.45	107+45.97	-22.50	794.81	42
Spring	12	CMP	15	104+94.60	-22.50	795.45	107+45.97	-22.50	794.81	42
Orchard	23	CMP	12	12+44.42	-19.00	797.30	12+16.92	-19.00	797.13	24
Orchard	24	CMP	12	13+02.51	-19.00	797.76	13+06.31	-19.00	797.15	24
Orchard	25	CMP	12	11+95.85	-19.00	797.76	11+06.35	-19.00	797.63	26
Orchard	26	CMP	12	11+45.92	-19.00	797.65	11+14.42	-19.00	797.39	28
Spring	28	CMP	12	103+62.96	-22.50	796.38	103+37.46	-22.50	796.24	22
Spring	29	CMP	12	102+72.36	-22.50	795.90	102+33.86	-22.50	795.70	35
Spring	30	CMP	15	101+06.67	-22.50	794.89	100+11.17	-22.50	794.84	26
Rainwoods	32	CMP	18	507+57.59	-16.50	791.46	507+42.75	-16.50	793.87	30
Rainwoods	33	CMP	18	508+14.14	-16.50	790.52	508+39.30	-16.50	790.37	20
Rainwoods	34	CMP	18	509+04.85	-20.00	789.02	509+44.01	-21.25	788.40	34



PLAN VIEW

TYPE	DRAINAGE STRUCTURE SCHEDULE	STATION	O/S
MH T.Y.A. DIA. 18G		108+72	+22.0'
MH T.Y.A. DIA. 18G		109+10	+22.0'
MH T.Y.A. DIA. 18G		109+30	+22.0'
INLET T.Y.A. 18G		109+45	+22.0'
INLET T.Y.A. 18G		110+60	+20.0'
INLET T.Y.A. 18G		110+89	-20.0'
INLET T.Y.A. 18G		111+83	-20.0'

UPSTREAM STATION, O/S	DOWNSTREAM STATION, O/S	SIZE	LENGTH	WMQ
108+72, 22' LT	108+67, 76' RT	18"	54'	
109+10, 30' RT	108+72, 22' RT	18"	51'	
110+60, 20' RT	109+30, 22' RT	12"	123'	
109+30, 22' LT	108+48, 29' RT	12"	123'	
109+45, 22' LT	109+30, 22' RT	18"	64'	
110+89, 20' LT	109+45, 22' LT	12"	66'	YES
111+83, 20' LT	110+89, 20' LT	12"	98'	YES
112+46, 20' LT	111+83, 20' LT	12"	56'	YES

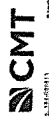
Street	Station	O/S	SCVD
Spring	100+85.92	RT	41.8
	102+53.11	RT	54.2
	104+50.21	RT	26.9
	104+32.84	RT	35.9
	107+16.87	RT	59.3
	110+00.96	RT	29.6
	111+25.53	RT	24.7
	102+04.01	LT	42.9
	103+26.36	LT	28.1
	103+76.39	LT	33.6
	104+38.43	LT	36.3
	105+51.14	LT	50.6
	107+06.62	LT	42.7
	107+75.57	LT	36.3
	108+48.27	LT	33.4
	108+96.65	LT	40.5
	109+64.83	LT	22.9
	110+32.94	LT	44.9
	111+53.21	LT	54.2
	112+21.79	LT	48.6
Orchard	11+32.67	RT	41.1
	11+81.40	RT	56.9
	12+42.36	RT	41.7
	12+30.67	LT	28.4
Rainwoods	507+75.17	LT	61.6
	508+26.72	LT	91.6
	509+24.43	LT	56.5

DRIVEWAY STANDARD DETAIL

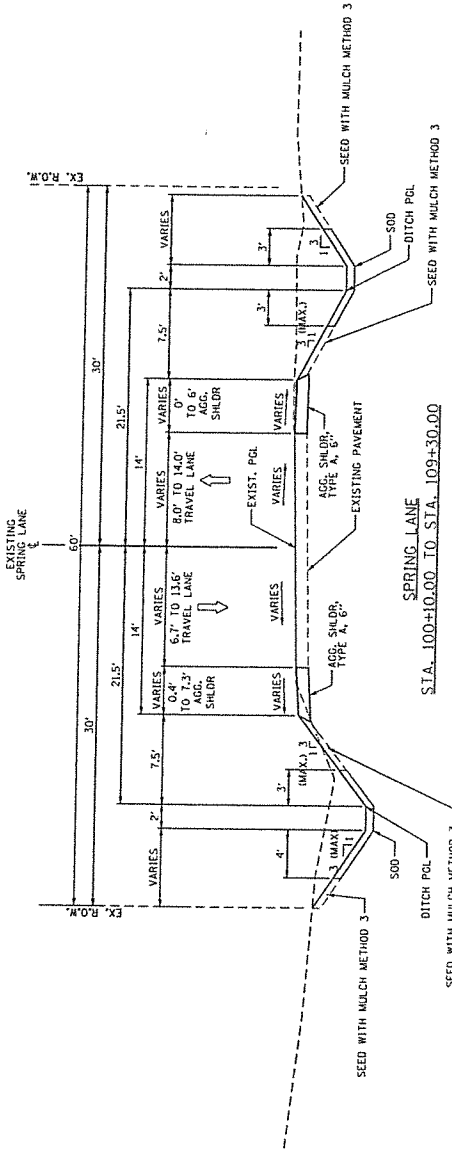
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

SECTION	COUNTY	SHEET NO.	CONTRACT NO.
	PEORIA	21	
		3	

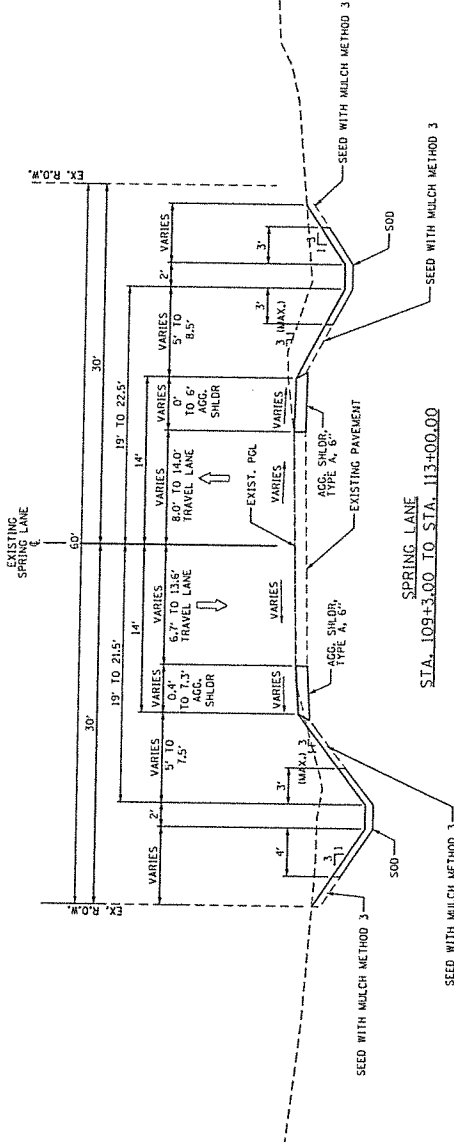
REVISION	DATE	BY	DESCRIPTION
REVISION			
REVISION			
REVISION			



PROJECT NO. 2023-01
SHEET NO. 21 OF 34
DATE 01/15/2023



SPRING LANE
STA. 100+10.00 TO STA. 109+30.00

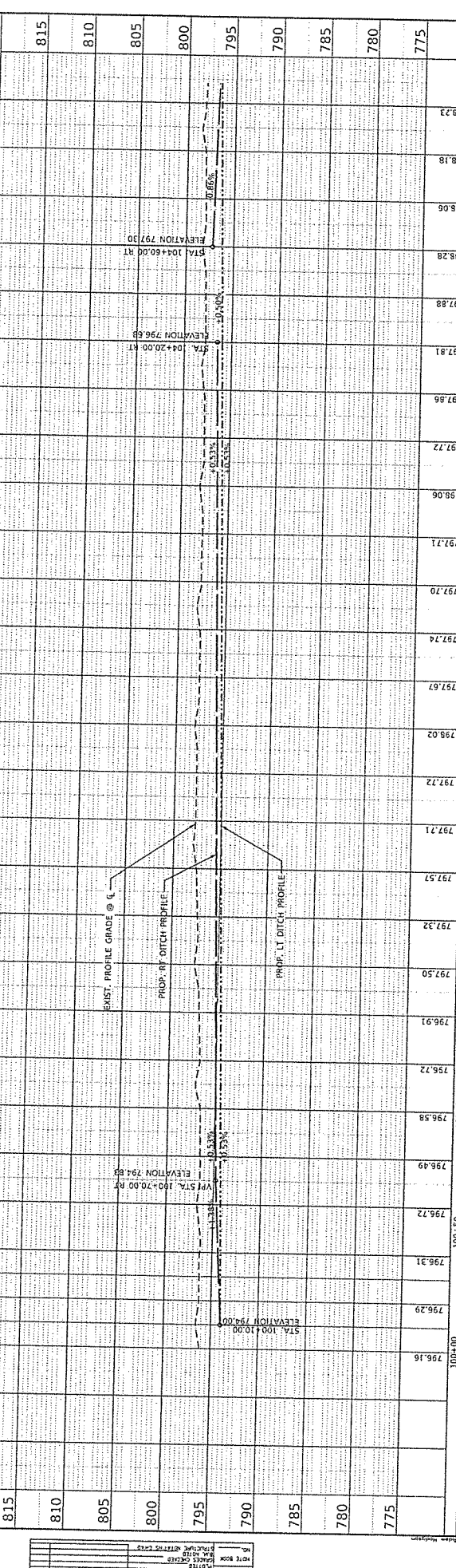
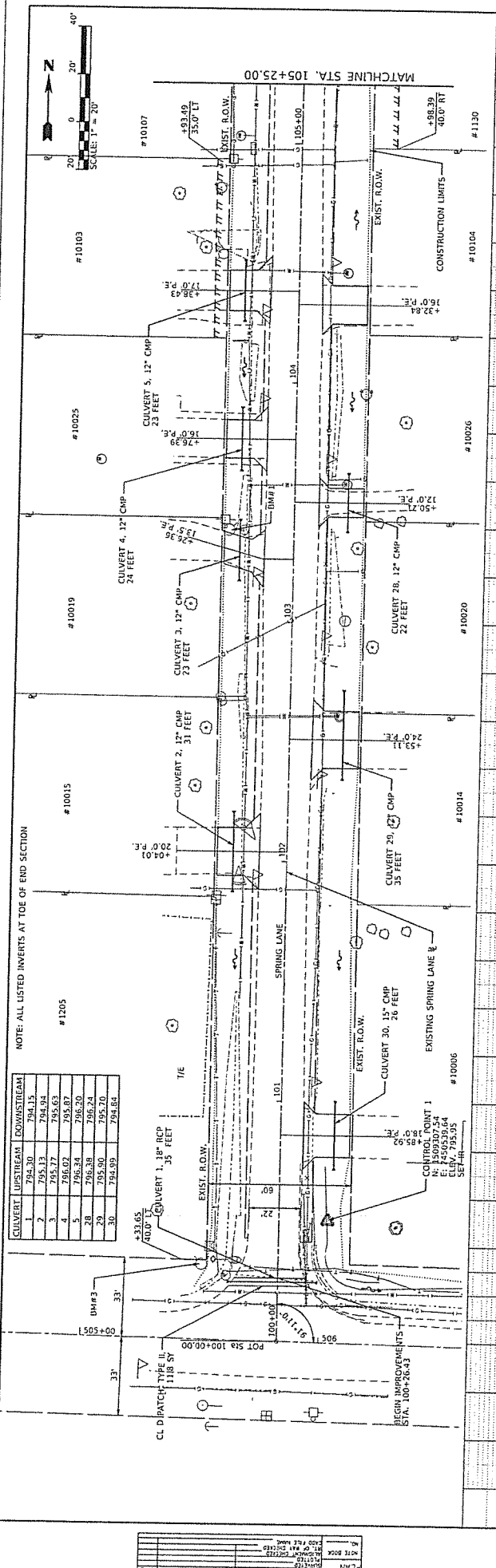


SPRING LANE
STA. 109+30.00 TO STA. 113+00.00

		DISCLOSED - REVISED - DRAWN - AHWI CHECKED - DATE -		MODEL NAME - FILE NAME - PLOT SCALE - PLOT DATE -		REVISED - REVISED - REVISED - REVISED -	
CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS				TYPICAL SECTIONS SPRING LANE			
SCALE:				SHEET 1 OF 2 SHEETS STA. TO STA.			
SECTION		COUNTY PEORIA		SHEET NO. 21		CONTRACT NO.	
PROJECT		RECORDS		PROJECT		PROJECT	

CULVERT	UPSTREAM	DOWNSTREAM
1	794.30	794.15
2	795.13	794.94
3	795.27	795.63
4	796.02	795.87
5	796.34	796.30
6	796.38	796.24
7	796.56	795.70
8	796.56	795.70
9	796.56	795.70
10	796.56	795.70

NOTE: ALL LISTED INVERTS AT TOE OF END SECTION



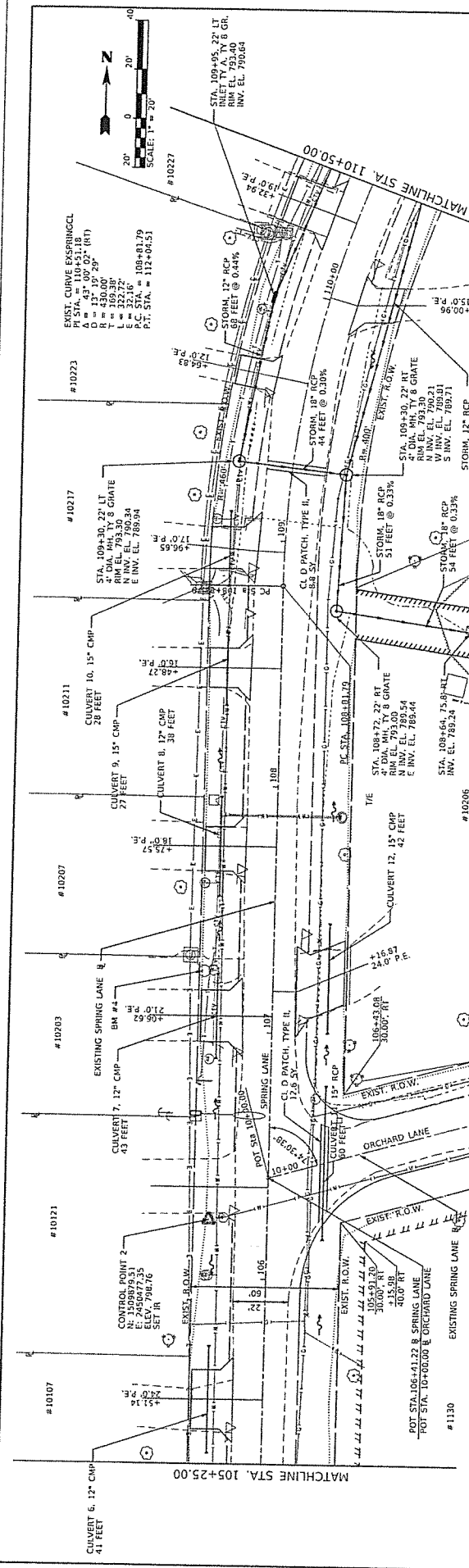
STATION	ELEVATION	SECTION
100+00	796.16	100+00
100+10	796.29	100+10
100+20	796.31	100+20
100+30	796.72	100+30
100+40	796.49	100+40
100+50	796.58	100+50
100+60	796.72	100+60
100+70	796.91	100+70
100+80	797.50	100+80
100+90	797.32	100+90
101+00	797.51	101+00
101+10	797.71	101+10
101+20	797.72	101+20
101+30	797.72	101+30
101+40	797.74	101+40
101+50	797.70	101+50
101+60	797.71	101+60
101+70	797.88	101+70
101+80	797.81	101+80
101+90	797.86	101+90
102+00	797.81	102+00
102+10	797.88	102+10
102+20	797.88	102+20
102+30	797.88	102+30
102+40	797.88	102+40
102+50	797.88	102+50
102+60	797.88	102+60
102+70	797.88	102+70
102+80	797.88	102+80
102+90	797.88	102+90
103+00	797.88	103+00
103+10	797.88	103+10
103+20	797.88	103+20
103+30	797.88	103+30
103+40	797.88	103+40
103+50	797.88	103+50
103+60	797.88	103+60
103+70	797.88	103+70
103+80	797.88	103+80
103+90	797.88	103+90
104+00	797.88	104+00
104+10	797.88	104+10
104+20	797.88	104+20
104+30	797.88	104+30
104+40	797.88	104+40
104+50	797.88	104+50
104+60	797.88	104+60
104+70	797.88	104+70
104+80	797.88	104+80
104+90	797.88	104+90
105+00	797.88	105+00

CMT
 CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS
 PLAN AND PROFILE
 SPRING LANE
 SHEET 1 OF 3 SHEETS
 SCALE: P. = 20' (PLAN), P.P. = 20' (PROFILE)
 COUNTY: PEORIA
 SHEET NO.: 21
 CONTRACT NO.: 6



DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION



STATION	ELEVATION	INVERT	DIAMETER	LENGTH	TYPE
105+25.00	798.18	798.18	41"	41'	CULVERT #10207
106+00.00	798.23	798.23	41"	41'	CULVERT #10207
106+50.00	798.34	798.34	41"	41'	CULVERT #10207
107+00.00	798.43	798.43	41"	41'	CULVERT #10207
107+50.00	798.52	798.52	41"	41'	CULVERT #10207
108+00.00	798.62	798.62	41"	41'	CULVERT #10207
108+50.00	798.72	798.72	41"	41'	CULVERT #10207
109+00.00	798.82	798.82	41"	41'	CULVERT #10207
109+50.00	798.93	798.93	41"	41'	CULVERT #10207
110+00.00	799.04	799.04	41"	41'	CULVERT #10207
110+50.00	799.15	799.15	41"	41'	CULVERT #10207
111+00.00	799.26	799.26	41"	41'	CULVERT #10207
111+50.00	799.37	799.37	41"	41'	CULVERT #10207
112+00.00	799.48	799.48	41"	41'	CULVERT #10207
112+50.00	799.59	799.59	41"	41'	CULVERT #10207
113+00.00	799.70	799.70	41"	41'	CULVERT #10207
113+50.00	799.81	799.81	41"	41'	CULVERT #10207
114+00.00	799.92	799.92	41"	41'	CULVERT #10207
114+50.00	800.03	800.03	41"	41'	CULVERT #10207
115+00.00	800.14	800.14	41"	41'	CULVERT #10207
115+50.00	800.25	800.25	41"	41'	CULVERT #10207
116+00.00	800.36	800.36	41"	41'	CULVERT #10207
116+50.00	800.47	800.47	41"	41'	CULVERT #10207
117+00.00	800.58	800.58	41"	41'	CULVERT #10207
117+50.00	800.69	800.69	41"	41'	CULVERT #10207
118+00.00	800.80	800.80	41"	41'	CULVERT #10207
118+50.00	800.91	800.91	41"	41'	CULVERT #10207
119+00.00	801.02	801.02	41"	41'	CULVERT #10207
119+50.00	801.13	801.13	41"	41'	CULVERT #10207
120+00.00	801.24	801.24	41"	41'	CULVERT #10207
120+50.00	801.35	801.35	41"	41'	CULVERT #10207
121+00.00	801.46	801.46	41"	41'	CULVERT #10207
121+50.00	801.57	801.57	41"	41'	CULVERT #10207
122+00.00	801.68	801.68	41"	41'	CULVERT #10207
122+50.00	801.79	801.79	41"	41'	CULVERT #10207
123+00.00	801.90	801.90	41"	41'	CULVERT #10207
123+50.00	802.01	802.01	41"	41'	CULVERT #10207
124+00.00	802.12	802.12	41"	41'	CULVERT #10207
124+50.00	802.23	802.23	41"	41'	CULVERT #10207
125+00.00	802.34	802.34	41"	41'	CULVERT #10207
125+50.00	802.45	802.45	41"	41'	CULVERT #10207
126+00.00	802.56	802.56	41"	41'	CULVERT #10207
126+50.00	802.67	802.67	41"	41'	CULVERT #10207
127+00.00	802.78	802.78	41"	41'	CULVERT #10207
127+50.00	802.89	802.89	41"	41'	CULVERT #10207
128+00.00	803.00	803.00	41"	41'	CULVERT #10207
128+50.00	803.11	803.11	41"	41'	CULVERT #10207
129+00.00	803.22	803.22	41"	41'	CULVERT #10207
129+50.00	803.33	803.33	41"	41'	CULVERT #10207
130+00.00	803.44	803.44	41"	41'	CULVERT #10207
130+50.00	803.55	803.55	41"	41'	CULVERT #10207
131+00.00	803.66	803.66	41"	41'	CULVERT #10207
131+50.00	803.77	803.77	41"	41'	CULVERT #10207
132+00.00	803.88	803.88	41"	41'	CULVERT #10207
132+50.00	803.99	803.99	41"	41'	CULVERT #10207
133+00.00	804.10	804.10	41"	41'	CULVERT #10207
133+50.00	804.21	804.21	41"	41'	CULVERT #10207
134+00.00	804.32	804.32	41"	41'	CULVERT #10207
134+50.00	804.43	804.43	41"	41'	CULVERT #10207
135+00.00	804.54	804.54	41"	41'	CULVERT #10207
135+50.00	804.65	804.65	41"	41'	CULVERT #10207
136+00.00	804.76	804.76	41"	41'	CULVERT #10207
136+50.00	804.87	804.87	41"	41'	CULVERT #10207
137+00.00	804.98	804.98	41"	41'	CULVERT #10207
137+50.00	805.09	805.09	41"	41'	CULVERT #10207
138+00.00	805.20	805.20	41"	41'	CULVERT #10207
138+50.00	805.31	805.31	41"	41'	CULVERT #10207
139+00.00	805.42	805.42	41"	41'	CULVERT #10207
139+50.00	805.53	805.53	41"	41'	CULVERT #10207
140+00.00	805.64	805.64	41"	41'	CULVERT #10207
140+50.00	805.75	805.75	41"	41'	CULVERT #10207

CITY OF PEDRIA
DEPARTMENT OF PUBLIC WORKS

PROJECT: STA. 105+25.00 TO STA. 110+50.00
SHEET 2 OF 5 SHEETS
SCALE: 1" = 20'

PLAN AND PROFILE
SPRING LANE

DATE: JUNE 2021
DRAWN: AWH
CHECKED: EBN
DESIGNED: AWH

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION



CMT
CONSTRUCTION MANAGEMENT TECHNOLOGIES, INC.
10001 W. 12th St. Suite 100
Denver, CO 80202
303.556.1300

PROJECT NO. 133462.18
SHEET NO. 3 OF 5 SHEETS
SCALE: 1" = 20'

CITY OF PEDRIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
SPRING LAKE

STA. 110+00.00 TO STA. 113+62.18

CONTRACT NO. 21 8

ISSUES:

REVISIONS:

DATE: JUNE 2021

AWN: AWN

AWA: AWA

ERK: ERK

REVISED: REVISED

REVISIONS:

111+40 111+50 111+60 112+00 112+50 113+00 113+50 113+62.18

795.43 795.10 794.96 794.99 794.86 794.93 795.09 794.86 795.21 794.94 794.76 794.81 794.25

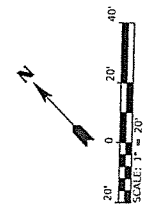
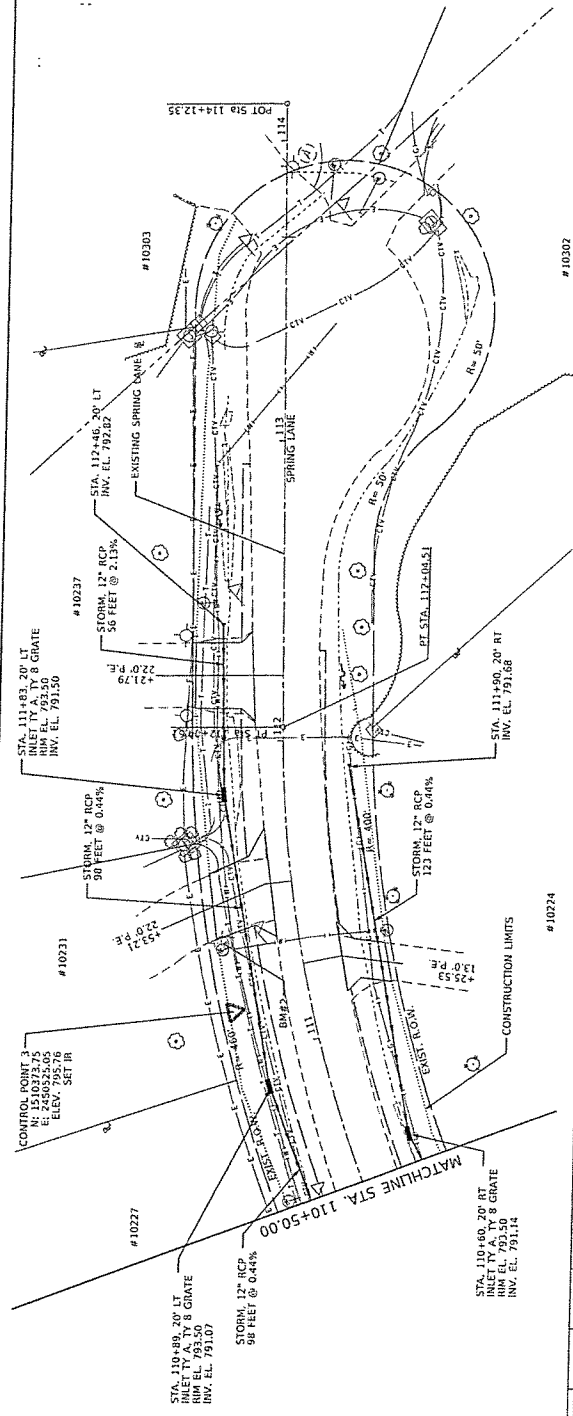
820 815 810 805 800 795 790 785 780

NO.	REVISED	DATE
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2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	REVISED	DATE
1		
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10		

NO.	REVISED	DATE
1		
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10		

NO.	REVISED	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



EXIST. CURVE EXPERIMENTAL
 PI STA. = 110+188.15
 D = 137.27' @ 50° (RT)
 R = 430.00'
 L = 57.79'
 E = 31.57'
 P.C. STA. = 108+50.37
 P.T. STA. = 111+76.30

CONTROL POINT 3
 NO. 1510372.75
 INV. EL. 795.76
 ELEV. SET IR

STA. 110+400.00 LT
 MANHOLE TY & GRATE
 INV. EL. 795.50
 INV. EL. 791.07

STORM 12" RCP
 50 FEET @ 0.44%

STORM 12" RCP
 50 FEET @ 2.13%

EXIST. SPRING LANE

STA. 111+83.20 LT
 MANHOLE TY & GRATE
 INV. EL. 791.50

STORM 12" RCP
 50 FEET @ 0.44%

STORM 12" RCP
 120 FEET @ 0.44%

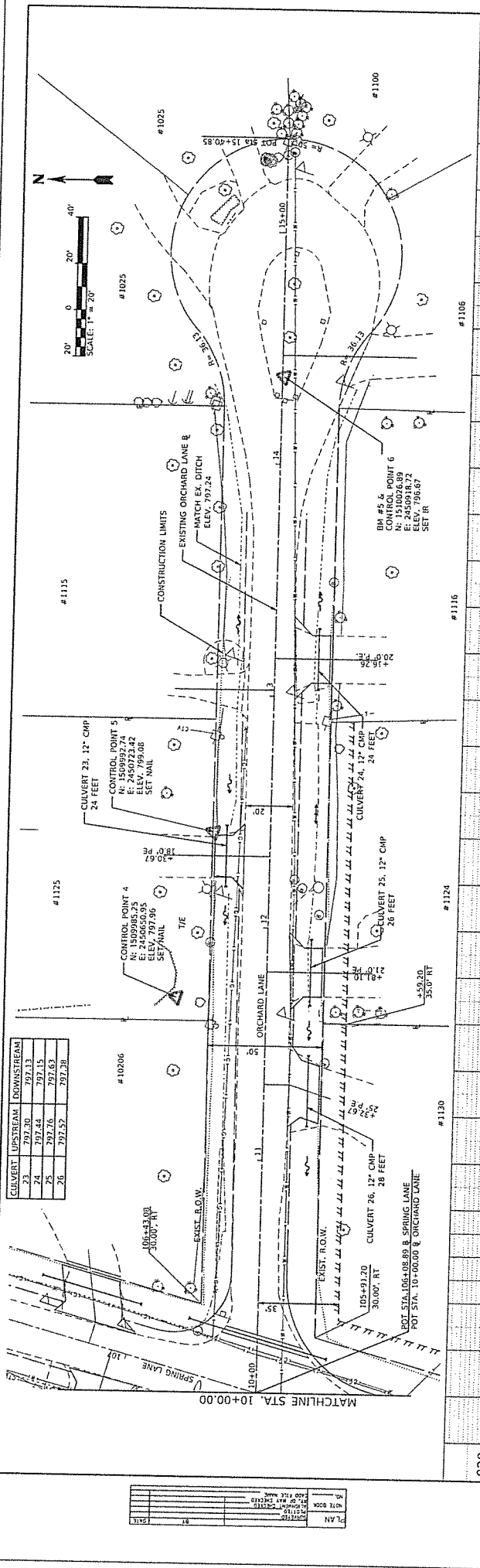
PT. STA. 112+108.51

STA. 111+80.20 RT
 INV. EL. 791.68

CONSTRUCTION LIMITS

MATCHLINE STA. 110+50.00

STA. 110+400.00 RT
 MANHOLE TY & GRATE
 INV. EL. 791.50
 INV. EL. 791.14



CULVERT	UPSTREAM	DOWNSTREAM
23	797.30	797.13
24	797.44	797.15
25	797.76	797.63
26	797.57	797.28

PLAN	DATE
BT	

PROFILE	DATE
BT	

ELEVATION	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00
820											
815											
810											
805											
800											
795											
790											
785											
780											

CMT
CONSTRUCTION MANAGEMENT TECHNOLOGIES, INC.
1000 N. W. 10th St., Suite 100
Fort Lauderdale, FL 33304
Tel: 954.576.1000

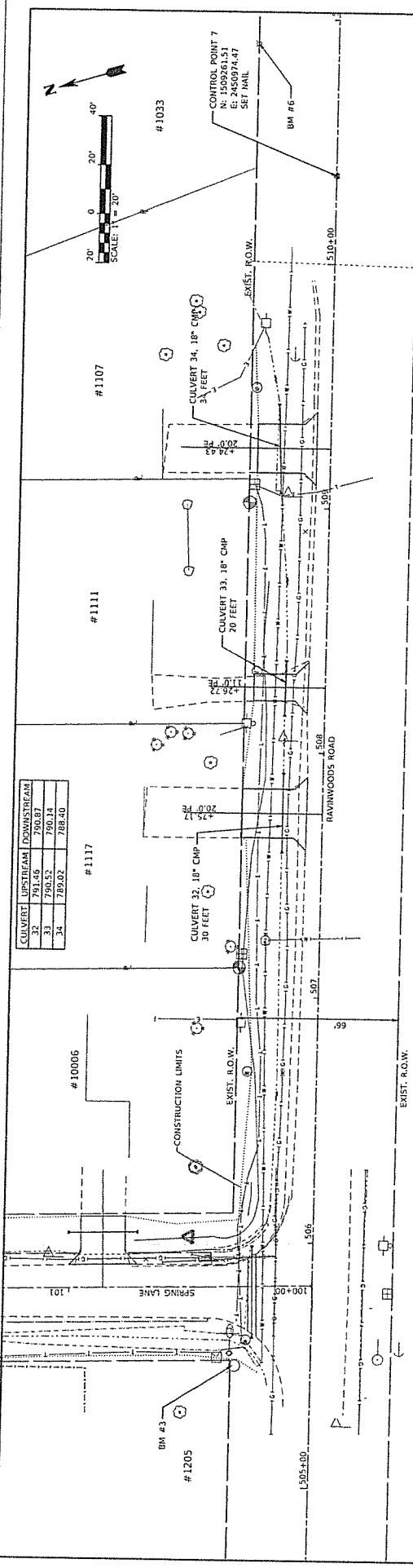
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PLAN AND PROFILE
ORCHARD LANE

SCALE: 1" = 20'

SHEET 4 OF SHEETS 5 TO STA. 15+40.83

DATE	BY	REVISION
06/20/2021	EPH	REVISED
06/20/2021	AWH	REVISED
06/20/2021	AWH	DESIGNED



STATION	ELEVATION	REVISIONS
810	796.47	
805	796.42	
800	796.37	
795	796.33	
790	796.22	
785	796.10	
780	795.97	
775	795.77	
770	795.50	
	795.18	
	794.79	
	794.46	
	794.09	
	793.63	
	793.23	

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

DESIGNED - AMH
DRAWN - AMH
CHECKED - EJM
DATE - JUNE 2021

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

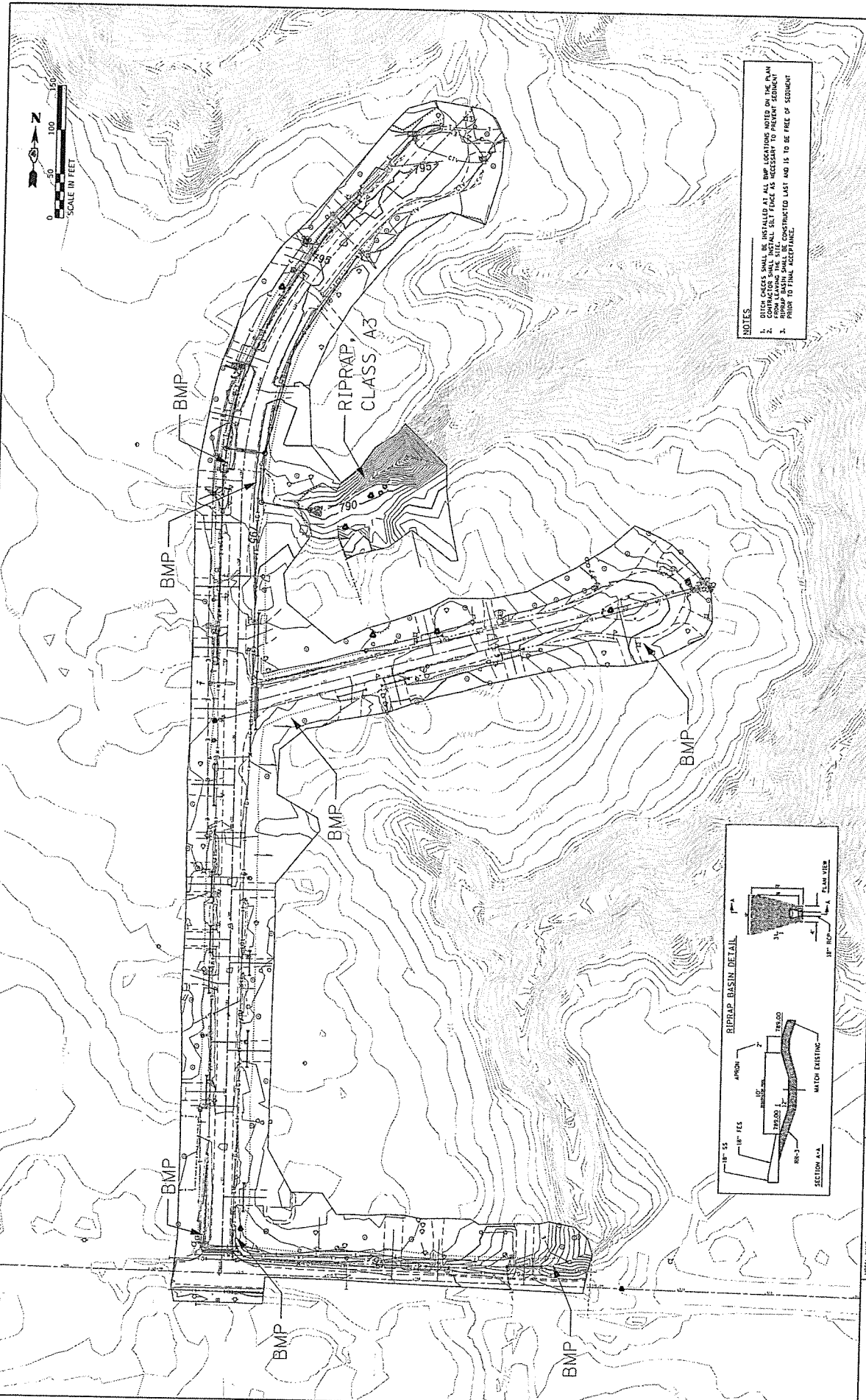
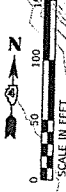
DESIGNED - AMH
DRAWN - AMH
CHECKED - EJM
DATE - JUNE 2021

PLAN AND PROFILE
RAVINWOODS ROAD

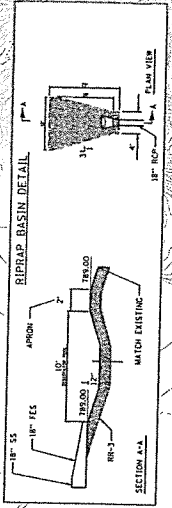
SHEET 5 OF 5 SHEETS
SCALE: 1" = 20'

SECTION	COUNTY	TOTAL SHEET NO.	CONTRACT NO.
505-50	PEORIA	20	
506-50	PEORIA	20	
507-50	PEORIA	20	
508-50	PEORIA	20	
509-50	PEORIA	20	
510-50	PEORIA	20	

PROJECT: RAVINWOODS ROAD
SHEET NO. 5 OF 5
DATE: JUNE 2021



- NOTES**
1. DITCH COVERS SHALL BE INSTALLED AT ALL BMP LOCATIONS NOTED ON THE PLAN.
 2. FROM LEAVING THE SITE ALL SILT PILES AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE.
 3. PRIOR TO FINAL ACCEPTANCE.



CMT COMMERCIAL TECHNOLOGICAL ASSOCIATES, INC.		DESIGNED - ARH		REVISED -
FILE NAME -		DRAWN - ARH		REVISED -
SHEET SCALE - 1" = 50'		CHECKED - E-JR		REVISED -
PROJECT DATE - 10/20/2021		DATE - JUNE 2021		REVISED -
PROJECT NO. -		SECTION -		CONTRACT NO. -
SHEET NO. -		SHEET 1 OF 3 SHEETS		STA. 10 STA.
STORMWATER POLLUTION PREVENTION PLAN				
CITY OF PEORIA DEPARTMENT OF PUBLIC WORKS				
SCALE: 1" = 50' OF 3 SHEETS STA. 10 STA.				

ORIGINAL SURVEY	SURVEYED	BY	DATE

FINAL SURVEY	SURVEYED	BY	DATE

MODEL: E:\SPRINGAL_10
 FILE NAME: E:\springal\021146.dwg, E:\springal\021146.dwg, E:\springal\021146.dwg, E:\springal\021146.dwg

DATE: 10/20/03
 TIME: 10:00 AM
 PROJECT: 102+00.00 R1

DESIGNED BY: [Blank]
 CHECKED BY: [Blank]
 DATE: [Blank]

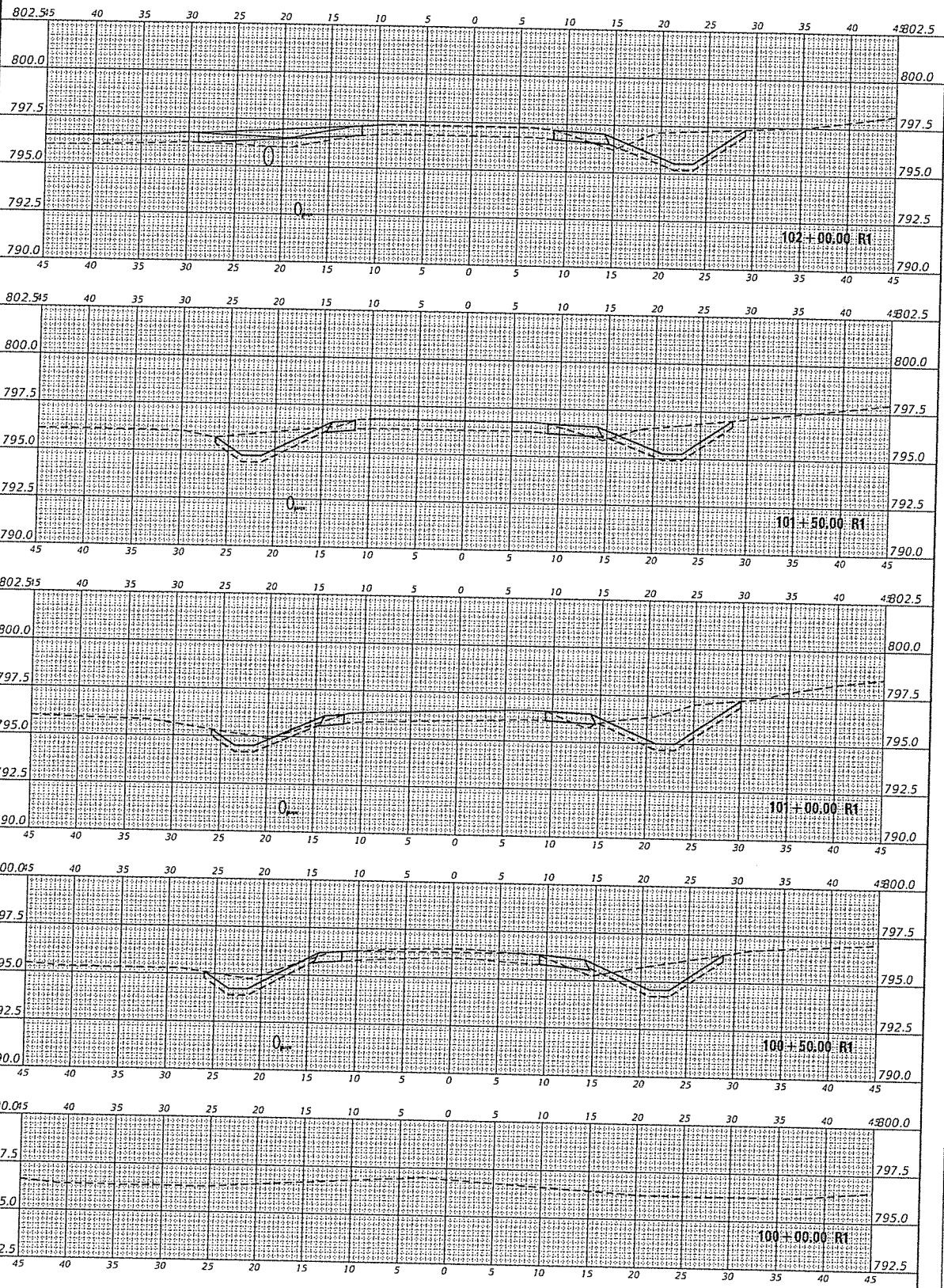
REVISIONS:
 NO. DESCRIPTION
 1. [Blank]

CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS

SCALE: 1"=40'
 SHEET 1
 OF 3 SHEETS

CROSS SECTIONS
 SPRING LAKE

SECTION NO. 1
 COUNTY: [Blank]
 TOTAL SHEETS: 3
 SHEET NO. 1



GENERAL SURVEY	SURVEYED	BY	DATE
NOTE ABOVE	PLOTTED		
NO.	TEMPERATURE		
	AREA		
	AREA		
	AREA		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE ABOVE	PLOTTED		
NO.	TEMPERATURE		
	AREA		
	AREA		
	AREA		

MODEL: K4SPRNGEL_10
 REF. NAME: LUPR0811201145-00 Spring-Cross-Sections-Revised-10-08.dwg

DATE: 10/20/08 10:28:28 AM
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
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 REVISION: [blank]

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 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
 DRAWN BY: [blank]
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 REVISION: [blank]

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 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

DATE: [blank]
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 REVISION: [blank]

CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS

SCALE: 1"=40'

SHEET 7

CROSS SECTIONS
 SPRING LANE

OF 5 SHEETS STA. 101+50.00 R1 TO STA. 103+00.00 R1

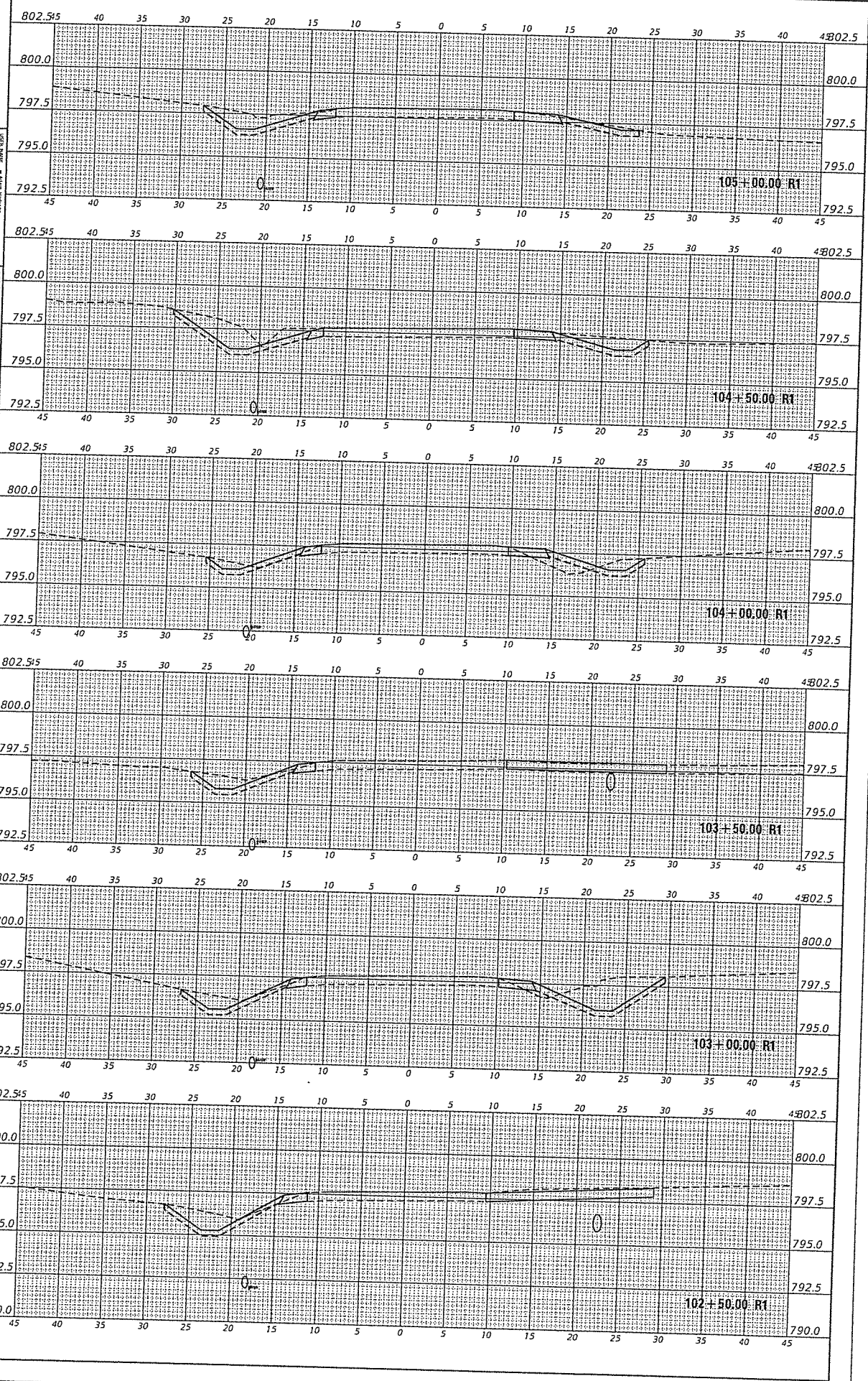
DATE: [blank]

SECTION: [blank]

COUNTY: [blank]

PROJECT NO.: [blank]

CONTRACT NO.: [blank]



ORIGINAL SURVEY	BY	DATE
ADJUSTED		
NOTE WORK		
AREA		
AREA CHECKED		

FINAL SURVEY	BY	DATE
ADJUSTED		
NOTE WORK		
AREA		
AREA CHECKED		

MODEL: E:\SPRING\CLL 10
FILE NAME: E:\SPRING\CLL 10\101146.00.dwg

DATE: 11/11/11
DRAWN: J. L. ...
CHECKED: ...
DATE: ...

REVISIONS:
NO. DESCRIPTION
1. ...

REVISIONS:
NO. DESCRIPTION
1. ...

REVISIONS:
NO. DESCRIPTION
1. ...

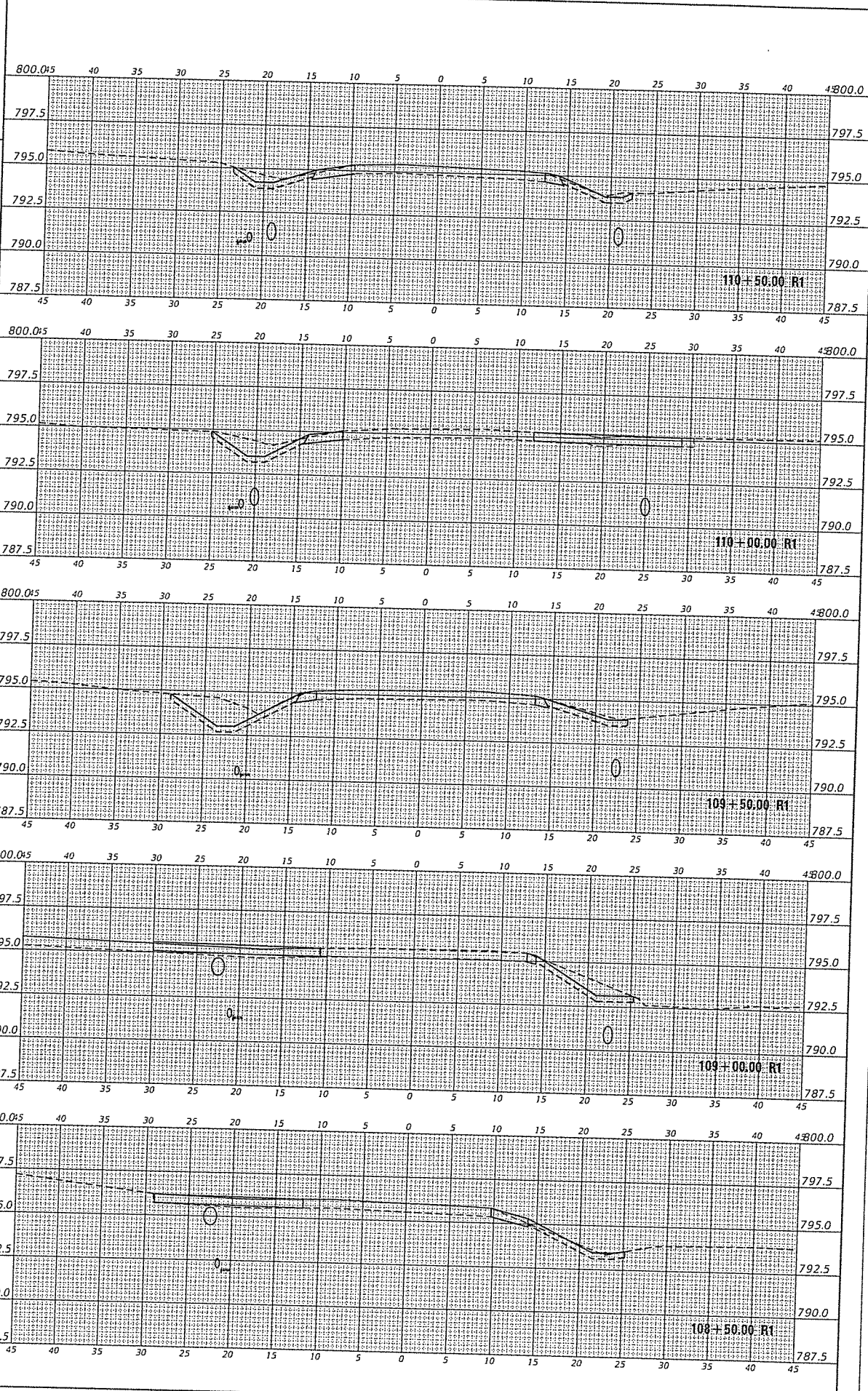
REVISIONS:
NO. DESCRIPTION
1. ...

REVISIONS:
NO. DESCRIPTION
1. ...

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
SPRING LAKE

SECTION: ...
COUNTY: PEORIA
SHEET: 21
CONTRACT NO.:



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TRIMMED		
	AREA		
	AREA CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TRIMMED		
	AREA		
	AREA CHECKED		

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FILE NAME: C:\p4421\031146-00 Spring-Cross-Sections.dwg

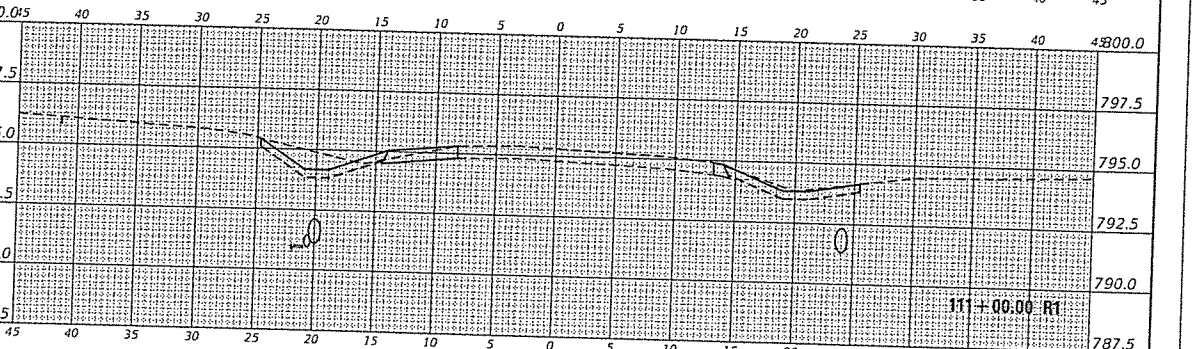
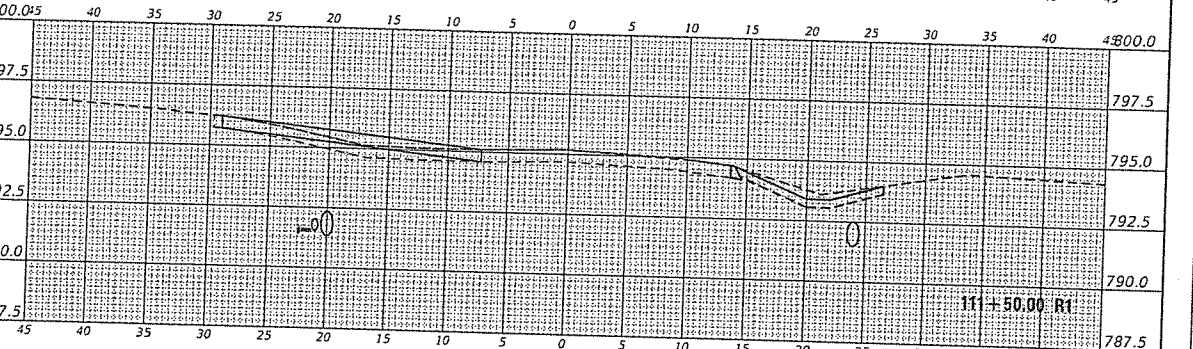
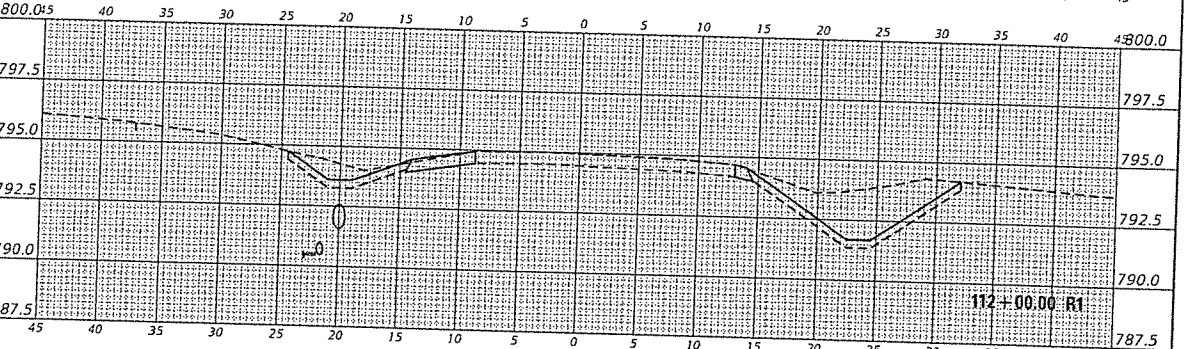
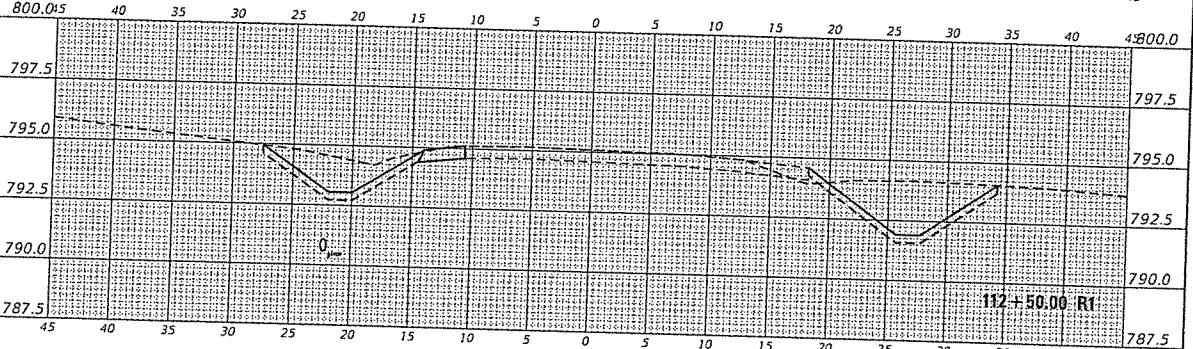
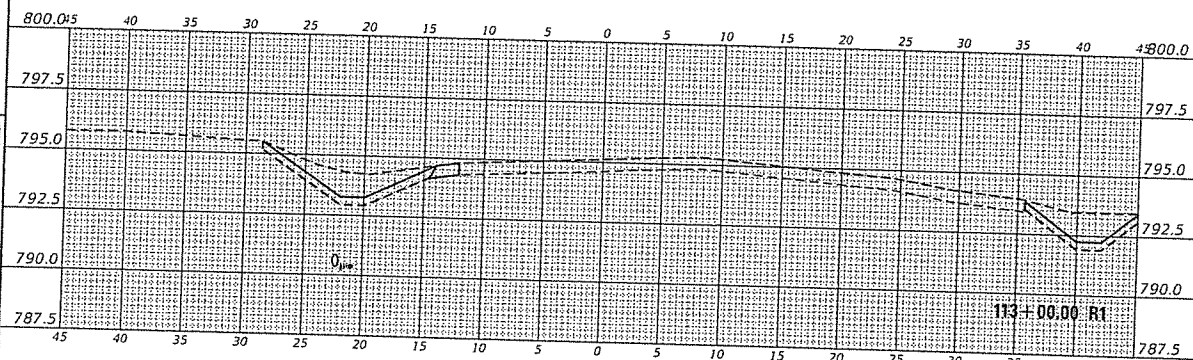
DESIGNED BY: Adam Watson
DRAWN BY: Adam Watson
CHECKED BY: Adam Watson
DATE: 10/10/2013 10:21:12 AM

REVISIONS
NO. BY DATE

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
SPRING LAKE
SHEET 3 OF 3
SCALE: HORIZ. 1"=50.00' R1 TO STA. 111+00.00 R1

SECTION
COUNTY: PEORIA
SHEET NO.: 21
CONTRACT NO.: 16



ORIGINAL SURVEY	BY	DATE
NOTED BY		
AREA CHECKED		

FINAL SURVEY	BY	DATE
NOTED BY		
AREA CHECKED		

MODEL: E:\ORCHARD\CL
FILE NAME: L:\Projects\101146-00 Spring Orchard\Draw\Area\GADD_Drawing.dwg

DATE: 11/15/2011 10:21:11 AM
DRAWN BY: Adam M...
SCALE: 1"=40.00' 1/4"

REVISIONS:
NO. DESCRIPTION
1.0

REVISIONS:
NO. DESCRIPTION
1.0

REVISIONS:
NO. DESCRIPTION
1.0

REVISIONS:
NO. DESCRIPTION
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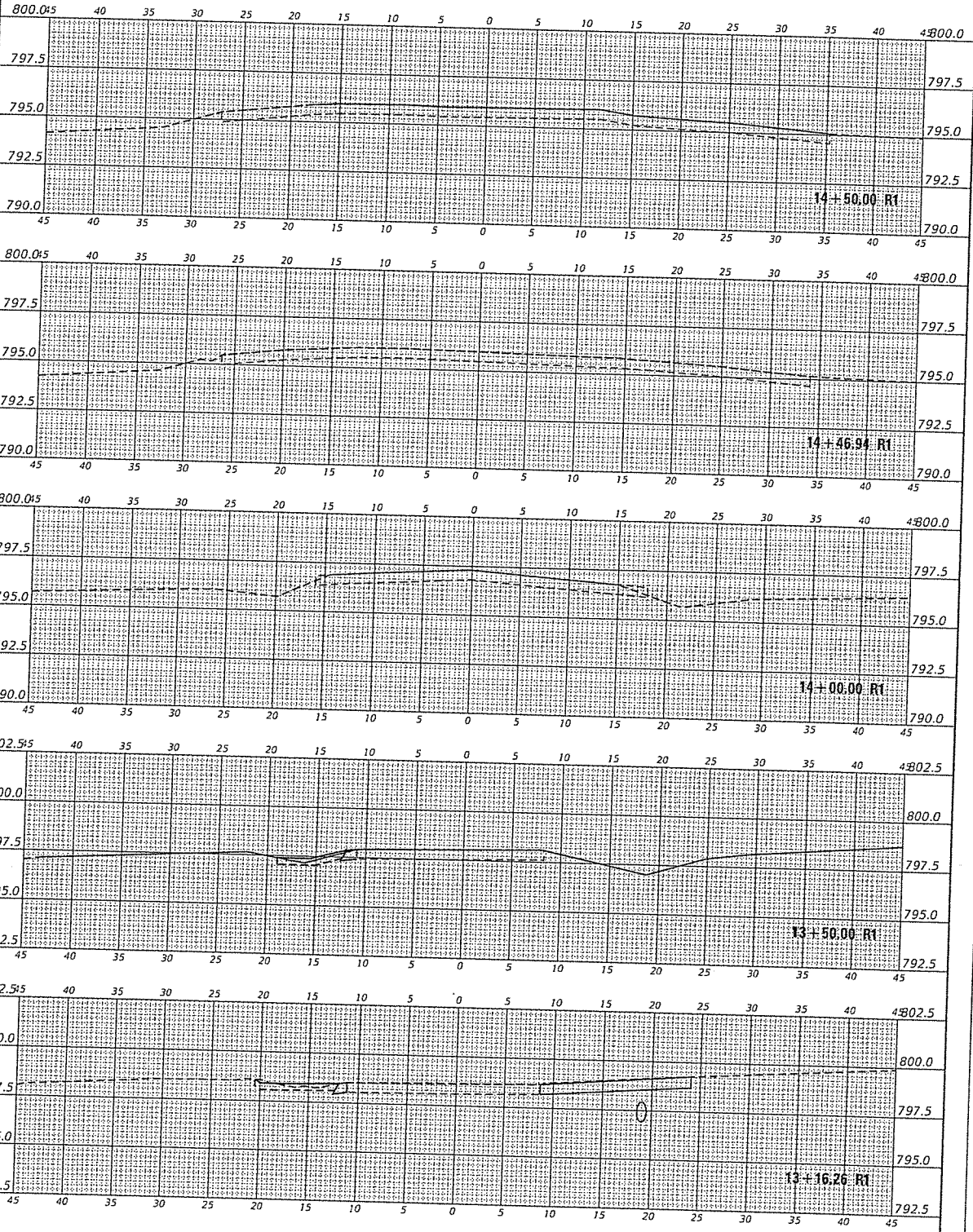
REVISIONS:
NO. DESCRIPTION
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REVISIONS:
NO. DESCRIPTION
1.0

DEPARTMENT OF PUBLIC WORKS
CITY OF PEORIA

CROSS SECTIONS
ORCHARD LANE

SCALE: 1"=40.00'
SHEET 3 OF 3 SHEETS STA. 13+16.26 TO STA. 14+50.00 RL



DATE: 11/15/2011 10:21:11 AM
DRAWN BY: Adam M...
SCALE: 1"=40.00' 1/4"

REVISIONS:
NO. DESCRIPTION
1.0

ORIGINAL SURVEY	FORWARDED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPERATURE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPERATURE		
	AREAS		
	AREAS CHECKED		

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FILE NAME: L:\Projects\1031145-00 Spino-Ditch\Drawings\CADD\Drawings

DATE: 11/11/2011
DRAWN BY: Adam Housh
CHECKED BY: [blank]
DATE: [blank]

DESIGNED BY: [blank]
REVISIONS: [blank]

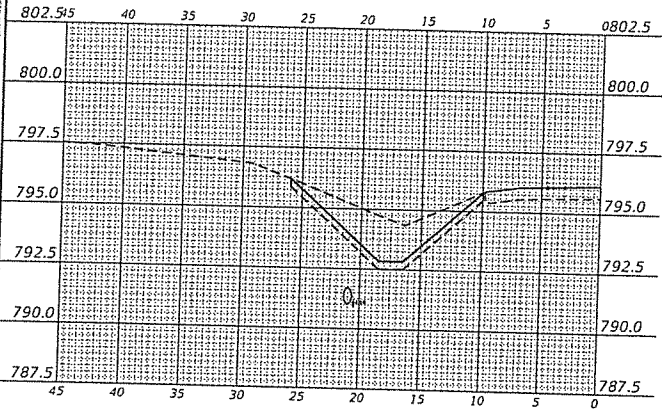
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**CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS**

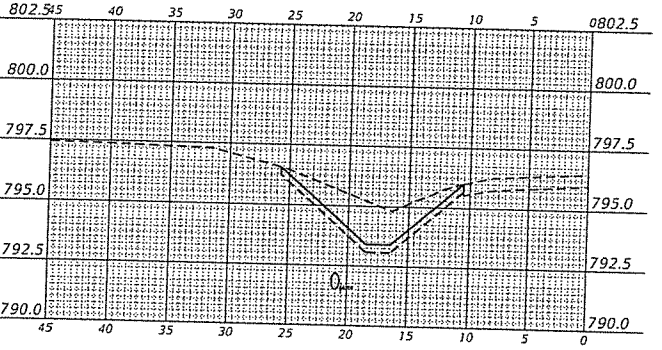
**CROSS SECTIONS
RAINWOODS ROAD**

SCALE: 1"=50'
SHEET 1 OF 2 SHEETS STA. 505+50.00 AT TO STA. 507+50.00 AT

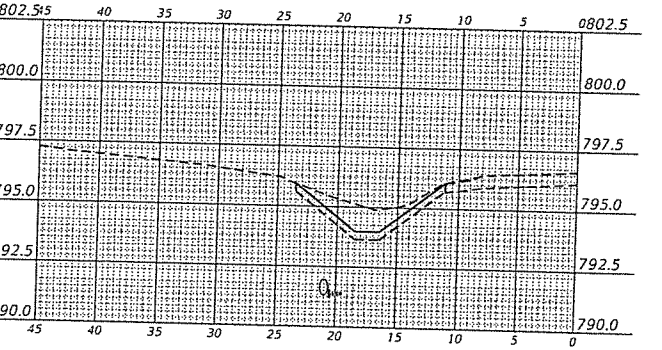
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COUNTY: [blank]
SHEET NO.: [blank]
CONTRACT NO.: [blank]



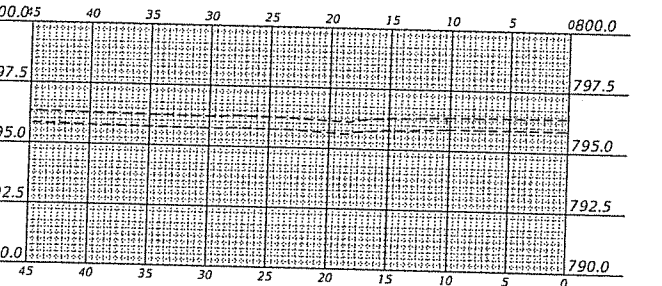
507+50.00 R1



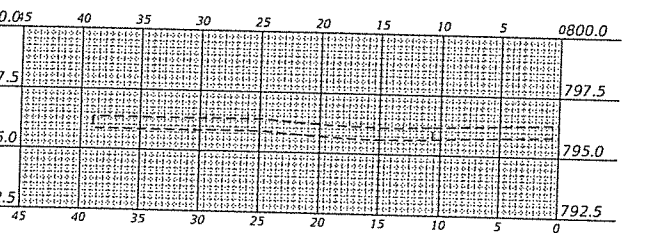
507+00.00 R1



506+50.00 R1



506+00.00 R1



505+50.00 R1

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREA		
NO.		

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREA		
NO.		

MODEL: EXPANDED.DWG
FILE NAME: L:\Projects\21001\14-00\Expans\DWG\CADD\Drawings\CADD_02.dwg

JOB NO. 14-00
JOB SCALE: 1" = 40.00 FT.
JOB DATE: 08/09/14

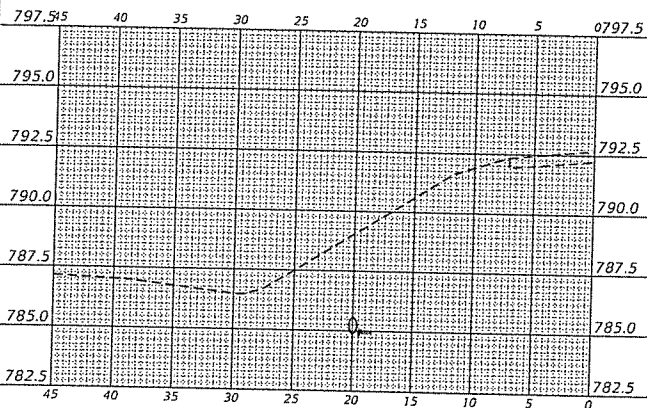
DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: [Date]

REVIEWED BY: [Name]
REVISIONS: [List]
DATE: [Date]

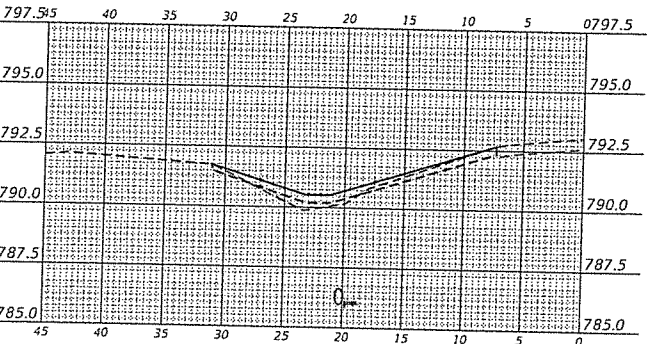
**CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS**

**CROSS SECTIONS
RAVINGWOODS ROAD**

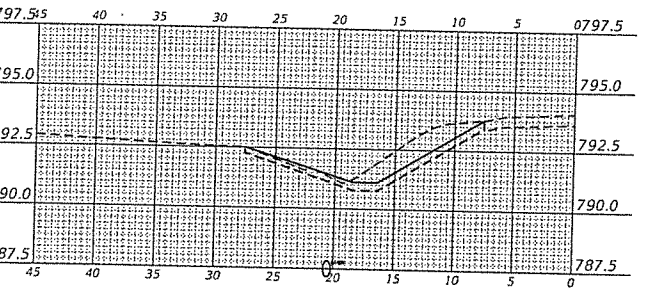
SCALE: 1"=40'
SHEET 2 OF 2 SHEETS STA. 509+00.00 R/L TO STA. 509+75.00 R/L
DATE: [Date]
SECTION: [Section]
COUNTY: [County]
CONTRACT NO.: [Contract No.]



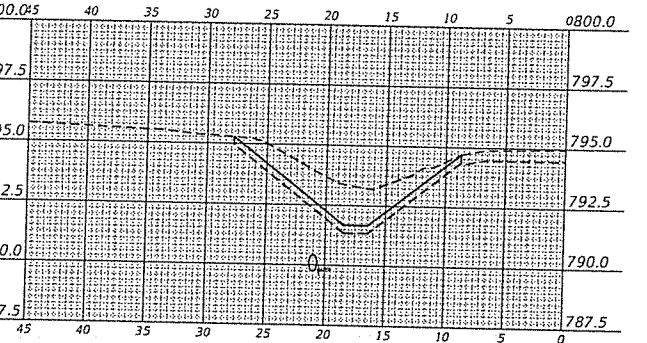
509+75.00 R1



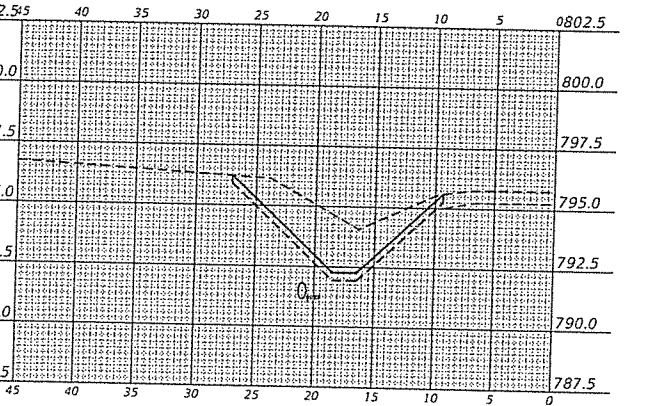
509+50.00 R1



509+00.00 R1



508+50.00 R1



508+00.00 R1