

CONSTRUCTION AGREEMENT

THIS CONSTRUCTION AGREEMENT (the "Agreement") is made and entered into as of the ____ day of _____, 2014, by and between Illinois-American Water Company, an Illinois corporation ("IAWC"), and the City of Peoria, Illinois, an Illinois municipal corporation ("Peoria"). Hereinafter, IAWC and Peoria may be referred to individually as a "Party" or together as the "Parties".

RECITALS:

A. IAWC is engaged in furnishing water utility service within Peoria.

B. The Illinois Department of Transportation ("IDOT"), in conjunction with Peoria, is planning the reconstruction of Allen Road between approximately Townline Road and Alta Lane, which reconstruction will require the relocation of IAWC's water main along a portion of Allen Road at IAWC's cost. Following completion of the Allen Road reconstruction and pursuant to a jurisdiction transfer agreement, IDOT will transfer jurisdiction and maintenance of the reconstructed Allen Road to Peoria.

C. IDOT and Peoria are willing to perform, through IDOT's contractors, the relocation of IAWC's water main in return for cost reimbursement by IAWC to Peoria, which will then reimburse IDOT for the cost of the relocation, subject to the limitations set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants, conditions, and agreements set forth herein, the parties hereto agree as follows:

Article I Water Service Facilities

1.1 Construction. In accordance with the approved plans and specifications attached hereto as Exhibit 1 and incorporated herein by reference, Peoria shall effect the construction and installation of approximately 1,835 lineal feet of 16-inch ductile iron water main along the designated portion of Allen Road, together with all valves, fittings, hydrants, and other items indicated in Exhibit 1, hereinafter collectively referred to as the "Facilities." The size, design, type and quality of materials and of the system location and manner of installation of the Facilities shall be as indicated on Exhibit 1. No material change shall be made in the plans and specifications for the Facilities without the prior written approval of IAWC.

1.2 Cost Reimbursement. IAWC shall pay to Peoria all costs actually paid by Peoria to IDOT associated with the construction and installation of the Facilities in accordance with Exhibit 1. An itemized total cost estimate of the Facilities to be constructed pursuant to this Agreement is attached hereto as Exhibit 2 and incorporated herein by reference. The final cost to be paid by IAWC shall not exceed the Exhibit 2 estimate by more than ten (10) percent (the "Final Cost"). Peoria shall invoice IAWC for the Final Cost after completion of construction. Final Cost shall be determined by the unit prices of the successful bidder and quantities actually installed. IAWC shall pay the Final Cost within forty-five (45) days of receipt of the invoice.

Any amount not paid within forty-five (45) days shall be subject to interest at ten (10) percent per annum.

Article II Rights-of-Way

Peoria shall provide to IAWC satisfactory evidence of rights-of-way and permits for all portions of the route along which the water main is installed as may be necessary to provide water service to each parcel or lot on said route and to operate, repair, and maintain the Facilities.

Article III Performance

3.1 No Encumbrances. Peoria shall cause the construction and completion of the Facilities to be free of all security interests, liens, and encumbrances of any nature. Peoria's general contract and all subcontracts shall contain a provision requiring a written release of the contractor's and subcontractors' and supplier's liens before IAWC's payment for any work performed by such persons will be made. Copies of all such releases shall be conveyed to IAWC upon transfer of the Facilities in accordance with Section 3.4.

3.2 Inspection. IAWC shall have the right at all times during construction to inspect the progress of the work performed and to determine whether the work is being performed in accordance with the plans and specifications contained in Exhibit 1. IAWC shall retain the services of an engineering firm for the purpose of inspecting and monitoring the performance of work and to ensure compliance with the plans and specifications contained in Exhibit 1, or IAWC may utilize its own associate engineers to perform any of such services. If, in IAWC's reasonable opinion, the work has not been, or is not being, performed in a good and workmanlike manner and in accordance with the plans and specifications contained in Exhibit 1, IAWC shall have the right to require the correction of any defects and compliance with the plans and specifications contained in Exhibit 1.

3.3 Documentation. Peoria shall deliver to IAWC, or shall cause IDOT to deliver to IAWC, a detailed itemization of all amounts paid in connection with the construction of the Facilities together with satisfactory evidence of full and final payment (or provision for payment satisfactory to IAWC) of all amounts due and payable in connection with such construction.

3.4 Indemnity. Peoria shall protect, indemnify, and hold harmless IAWC from and against any and all loss, damage, claims of damage, liability, judgments, or causes of action (including, but not limited to, court costs and reasonable attorneys' fees), caused or occasioned by or resulting from construction of the Facilities and/or any action undertaken by or on behalf of Peoria, or its agents or employees, during or following such construction. In addition, Peoria shall cause the contract with the general contractor retained to construct and install the Facilities to contain the following provision: "Contractor shall protect, indemnify, and hold harmless IAWC from and against any and all loss, damage, claims of damage, liability, judgments, or causes of action (including, but not limited to, court costs and reasonable attorneys' fees), caused or occasioned by or resulting from Contractor's construction of the Facilities and/or any action undertaken by or on behalf of Peoria, or its agents or employees, during or following such construction."

**Article IV
Service Connections**

IAWC shall be responsible for making all service connections from the Facilities to customers along the portions of the route in which the water main is installed.

**Article V
Notice**

Any notice required or permitted to be given under this Agreement shall be deemed delivered and be effective on the date physically delivered to the party to whom notice is being provided or two (2) calendar days following the date on which the notice is deposited in the United States Mail, postage prepaid, certified delivery, and addressed to the party to whom notice is being provided, as follows:

IAWC:

Illinois-American Water Company
7500 N. Harker Drive
Peoria, IL 61615
Attn: Christian S. Volz

Peoria:

City of Peoria
3505 N. Dries Lane
Peoria, IL 61604
Attn: Jeffrey M. Smith

Each party shall promptly provide written notice to the other party, as provided herein, of any subsequent change of address.

**Article VI
Miscellaneous**

This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois. This Agreement, together with the exhibits hereto, sets forth the entire

agreement between the parties and supersedes all prior negotiations, understandings, and agreements between them. No change in, addition to, or waiver of any of the provisions of this Agreement shall be binding upon any party unless in writing and signed by the party sought to be bound. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns, provided, however, that an assignment or other transfer of this Agreement or any rights or obligations hereunder by Peoria shall not be binding upon IAWC or create any rights in the assignee until such assignment or other transfer is approved and accepted in writing by IAWC.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement by their authorized individuals to be effective as of the day, month, and year first above written.

ILLINOIS-AMERICAN WATER COMPANY

By: CHRIS A. JOHNSON
Senior Manager of Field Services and
Production, Peoria District

CITY OF PEORIA, ILLINOIS

By: JIM ARDIS
Mayor

**Exhibit 1 - ILAWC/Peoria Agreement
April, 2014**

WATER MAIN GENERAL NOTES

GENERAL

- THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS ACCOMPANYING THESE PLANS AND THE FOLLOWING SPECIFICATIONS: (A) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION, (B) "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", BY THE ILLINOIS DEPT. OF TRANSPORTATION, LATEST EDITION, (C) "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, (D) ILLINOIS-AMERICAN ILAW WATER COMPANY STANDARD PIPELINE SPECIFICATIONS.
- ALL PROPOSED WATER MAINS SHALL MEET MINIMUM SEPARATION OR ENCASEMENT REQUIREMENTS PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION.
- WATER SERVICE SHUT-OFFS, MAIN CLOSURES, STREET AND PRIVATE DRIVEWAY CLOSURES WILL REQUIRE A MINIMUM OF 48 HOURS ADVANCE NOTICE TO THE CITY OF PEORIA, THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE PUBLIC, AS APPLICABLE.
- A PRE-CONSTRUCTION VIDEO RECORD OF THE JOB SITE WILL BE REQUIRED TO ENSURE OWNER THAT CONTRACTOR RESTORES AREAS DISTURBED BY CONSTRUCTION ACTIVITIES TO THEIR ORIGINAL CONDITION. A MINIMUM OF TWO (2) DVD FORMAT VIDEOS WILL BE REQUIRED IN ALL AREAS OF PROPOSED WORK AND SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. COSTS FOR PRE-CONSTRUCTION VIDEO RECORD SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ALL CONSTRUCTION OPERATIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) AND SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES, AS SHOWN ON THESE PLANS, IS BASED UPON FIELD INVESTIGATION, UTILITY MAPS, AND JULIE LOCATES, BUT THE LOCATIONS ARE NOT GUARANTEED. UNLESS OTHER INFORMATION WAS AVAILABLE, ALL EXISTING WATER MAINS HAVE BEEN SHOWN WITH APPROXIMATELY 3.5' OF COVER; HOWEVER, THE ACTUAL DEPTH OF THE MAINS MAY VARY. CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE ALL CRITICAL LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.

INSTALLATION

- REFER TO THE SPECIFICATIONS AND STANDARD DETAILS ON THE DRAWINGS FOR BACKFILL AND CRADLE MATERIAL SPECIFICATIONS, INSTALLATION PROCEDURES AND COMPACTION REQUIREMENTS.
- THE PIPE SHALL BE LAID WITH A COVER OF AT LEAST 42 INCHES AND NO MORE THAN 54 INCHES AS MEASURED FROM THE TOP OF THE PIPE TO FINISHED GRADE OF THE GROUND, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR NOTED ON THE CONSTRUCTION DRAWINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST AND MUD CONTROL.
- WATER MAINS INSTALLED UNDER SEWERS, WHICH ARE NOT CONSTRUCTED WITH WATER MAIN QUALITY PIPE, SHALL BE CONSTRUCTED PER DETAIL 10B ON ILAW STANDARD DETAILS. CASING PIPE SHALL BE C900 PVC. ENDS SHALL BE SEALED WATER TIGHT.

RESTORATION

- CONTRACTOR SHALL REMOVE AND REPLACE ANY CONCRETE SIDEWALKS AND DRIVEWAYS PARTIALLY DAMAGED DURING CONSTRUCTION IN FULL SECTIONS (FROM JOINT TO JOINT), IF REQUIRED SOLELY FOR CONSTRUCTION OF THE WATER MAIN.
- ALL GRASSSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE FERTILIZED AND SEEDED IN ACCORDANCE WITH SECTION 21 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". MULCHING SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 251 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. DISTURBED AREAS LOCATED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE FERTILIZED AND SEEDED WITH A CLASS 2A MIXTURE AND MULCHED ACCORDING TO METHOD 2, PROCEDURE 2. DISTURBED AREAS LOCATED OUTSIDE THE PUBLIC RIGHT-OF-WAY SHALL BE FERTILIZED AND SEEDED WITH A CLASS 1 MIXTURE AND ALSO MULCHED ACCORDING TO METHOD 2, PROCEDURE 2, UNLESS OTHERWISE NOTED IN THESE PLANS.
- WHERE TOPSOIL IS PRESENT THE ACTUAL DEPTH OF THE TOPSOIL SHALL FIRST BE STRIPPED FROM THE AREA TO BE EXCAVATED FOR A WATER LINE TRENCH, ALL BORE PITS, AND OTHER AREAS OF EXCAVATION. TOPSOIL SHALL BE STOCKPILED ON SITE SEPARATE FROM OTHER SOILS FROM THE EXCAVATION. ALL SUBSOIL MATERIAL WHICH IS REMOVED FROM THE TRENCH SHALL BE PLACED IN A SECOND STOCKPILE THAT IS SEPARATE FROM THE TOPSOIL STOCKPILE. RESTORATION OF ALL SURFACES SHALL BE IN ACCORDANCE WITH SECTION 21 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION.

- IN BACKFILLING THE TRENCH AND OTHER EXCAVATED AREAS, THE STOCKPILED SUBSOIL MATERIAL WILL BE PLACED BACK INTO THE TRENCH FIRST. THE TOPSOIL WILL BE REPLACED LAST SO THAT IT REMAINS THE TOP LAYER OF SOIL.
- THE TOPSOIL AND SUBSOIL MUST BE REPLACED WITHIN THE TRENCH AND OTHER EXCAVATED AREAS SO THAT AFTER SETTLING OCCURS, THE LAND'S ORIGINAL CONTOUR (WITH AN ALLOWANCE FOR SETTLING) WILL BE ACHIEVED.
- ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE IDOT STANDARD SPECIFICATIONS AND THE IEP/USDA NRCS ILLINOIS URBAN MANUAL, 1995 (FROM THE ILLINOIS DEPARTMENT OF AG. SOIL CONSERVATION SERVICE).
- WHERE APPLICABLE, THE CONTRACTOR SHALL PROVIDE EROSION CONTROL AS REQUIRED TO PREVENT SOIL EROSION. EROSION CONTROL METHODS SHALL BE PROVIDED AS SPECIFIED IN "ILLINOIS URBAN MANUAL", LATEST EDITION.
- OIL AND CHIP STREETS SHALL BE REPLACED WITH 3" OF ASPHALT (MINIMUM THICKNESS).

MATERIAL REQUIREMENTS

- WATER MAIN MATERIAL SHALL BE DUCTILE IRON PRESSURE CLASS 300 (MINIMUM) WITH THE PIPE ADHERING TO ANSIAWWA C151/ANSI A21.51 AND THE JOINTS ADHERING TO ANSIAWWA C110/A21.10. PIPING SHALL BE POLYETHYLENE WRAPPED. PIPE SHALL BE INSTALLED BY OPEN EXCAVATION, UNLESS ALTERNATIVE METHODS ARE APPROVED BY ILLINOIS-AMERICAN WATER COMPANY.
- GATE VALVES, BUTTERFLY VALVES, AND VALVE BOXES SHALL BE IN ACCORDANCE WITH THE ILLINOIS-AMERICAN WATER COMPANY STANDARD PIPELINE SPECIFICATIONS.
- PROVIDE APPROPRIATE JOINT RESTRAINT FOR ALL WATER MAINS AND FITTINGS IN ACCORDANCE WITH THE DRAWINGS AND SECTION 41-2.09 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION. ALL ASPECTS OF JOINT RESTRAINT INSTALLATION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR THE ASSOCIATED SIZED "FITTING" INVOLVED.
- TRACER WIRE AND WARNING TAPE SHALL BE INSTALLED PER THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL MAINTAIN A MINIMUM 2' SPOOL PIECE LENGTH.

UTILITIES

- PROTECTION OF WATER MAINS AND WATER SERVICES (INCLUDING HORIZONTAL AND VERTICAL SEPARATION OF WATER MAINS AND SERVICES FROM STORM AND SANITARY SEWERS) SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION AND THE PROVISIONS OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY "ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS", SECTION 370.350. ANY COSTS FOR THIS WORK INCLUDING CASINGS, FITTINGS, THRUST BLOCKS, ETC. SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE PROPOSED WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.

COORDINATION WITH IDOT

- ALL WORK ADJACENT TO IL ROUTE 6 SHALL BE PERFORMED IN COMPLIANCE WITH IDOT'S REQUIREMENTS AND ANY APPLICABLE IDOT UTILITY PERMIT FOR THIS PROJECT.

PROJECT CLOSEOUT

- CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING ALL RECORD DRAWINGS TO THE OWNER AND ENGINEER WITHIN 30 DAYS OF SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL KEEP ONE SET OF PLANS UPON WHICH ALL "REVISIONS" OR "VARIATIONS" ARE NOTED IN RED PENCIL. THIS SET SHALL BE TURNED OVER TO THE ENGINEER AT THE END OF THE PROJECT, AS A CONDITION PRECEDENT TO ISSUANCE OF FINAL CERTIFICATE FOR PAYMENT.
- ALL NEW WATER MAINS SHALL BE PRESSURE TESTED, DISINFECTED AND FLUSHED PRIOR TO PLACING THE MAINS IN SERVICE. THIS WORK SHALL CONFORM TO THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL SATISFACTORILY DISINFECT ALL WATER MAINS PRIOR TO USE. IN ACCORDANCE WITH REQUIREMENTS OF AWWA C651-99, AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED FROM EVERY 1,200 FEET OF NEW WATER MAIN, PLUS ONE SET FROM THE END OF THE LINE AND AT LEAST ONE SET FROM EACH BRANCH. SATISFACTORY DISINFECTION SHALL BE DEMONSTRATED IN ACCORDANCE WITH THE REQUIREMENTS OF 35 IL ADM. CODE 662-203. CONTRACTOR SHALL FURNISH AND INSTALL CORPORATION STOPS AT REQUIRED SAMPLING LENGTHS.

- FLUSHING OF THE 16H MAIN SHALL BE ACCOMPLISHED BY INSTALLING A TEMPORARY 6H VALVE & HYDRANT (SUPPLIED BY ILAW) AT APPROPRIATE LOCATIONS. UPON COMPLETION OF FLUSHING WORK THE HYDRANT AND VALVE SHALL BE REMOVED AND THE 6H CONNECTION SHALL BE CAPPED AT THE MAIN. THIS WORK, INCLUDING ANY FITTINGS AND APPURTENANCES, SHALL BE CONSIDERED INCIDENTAL TO THE WATER MAIN INSTALLATION.

ILLINOIS-AMERICAN WATER COMPANY (ILAWC)

- CONTRACTOR SHALL FURNISH ALL WATER MAIN PIPE, FITTINGS, VALVES AND APPURTENANCES AS REQUIRED FOR THE PROJECT AND SHALL PERFORM ALL INSTALLATION WORK.
- ILAWC WILL OPERATE ALL VALVES AND ILAW REQUIRES A 24 HOUR ADVANCE NOTICE FROM THE CONTRACTOR FOR OPERATION OF ANY VALVES.
- THE CONTRACTOR SHALL PERFORM ALL HOT TAPS AND CUT IN CONNECTIONS. SCHEDULE WORK 48 HOURS IN ADVANCE WITH ILAW.
- PROPOSED VALVES SHALL BE INSTALLED PER THE ILAW STANDARD.
- TRACER WIRE SHALL BE THREADED UP THE OUTSIDE OF VALVE BOXES. THE CONTRACTOR SHALL NOTCH THE LIP WITH A SAW AND LAY THE WIRE INTO THE BOX (SEE DETAIL 22 ON ILAW STANDARD DETAILS FOR MORE INFORMATION ON TRACER WIRE INSTALLATION).
- EXISTING WATER LINES SHALL BE DECOMMISSIONED BY THE CONTRACTOR ONCE THE INTERCONNECTS HAVE BEEN SUCCESSFULLY COMPLETED.

BILL OF MATERIALS

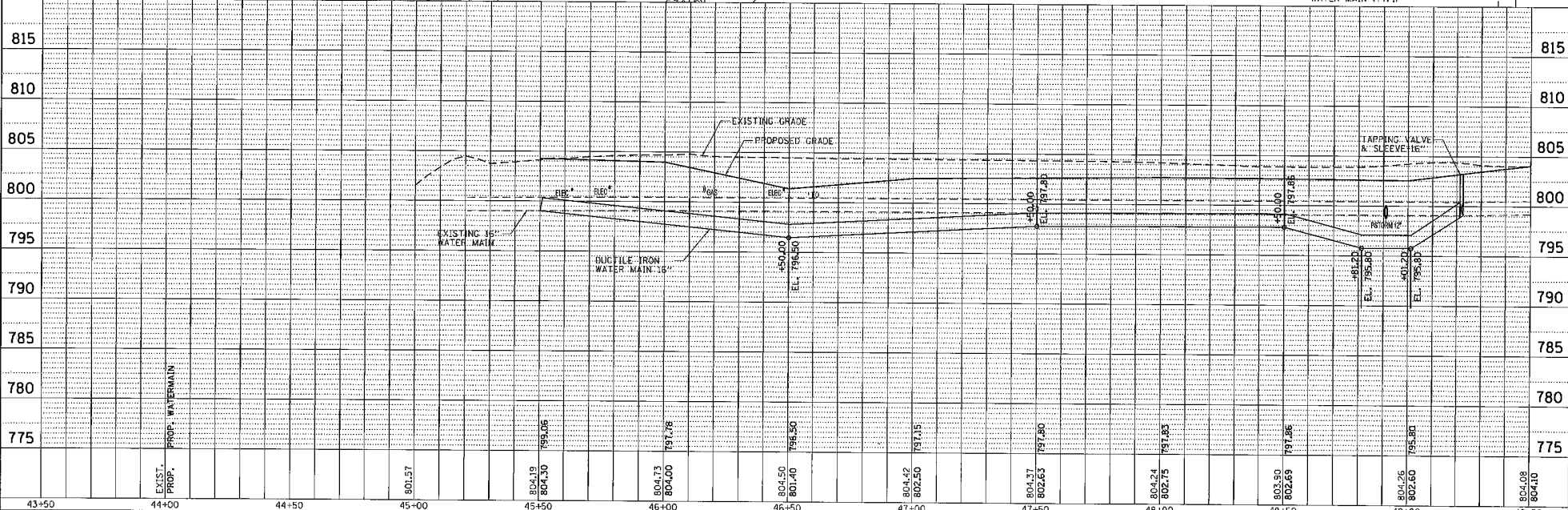
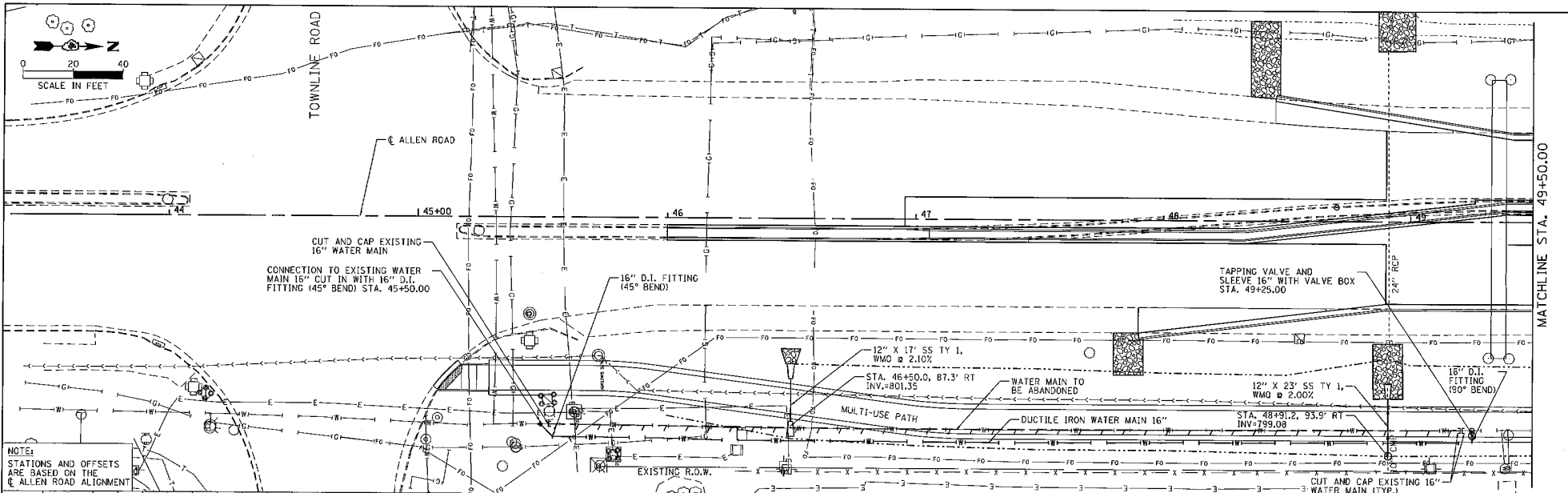
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TRENCH BACKFILL	CY	50	21	29
CLASS B PATCHES, TYPE II, 10 INCH	SY	30	30	0
DOWEL BARS 1 1/2"	EA	84	84	0
SAW CUTS	LF	144	144	0
DUCTILE IRON WATER MAIN 8"	LF	439	29	410
DUCTILE IRON WATER MAIN 12"	LF	29	29	0
DUCTILE IRON WATER MAIN 16"	LF	3230	1910	1320
WATER VALVES 8"	EA	5	2	3
WATER VALVES 12"	EA	1	1	0
BUTTERFLY VALVES 16"	EA	1	0	1
TAPPING VALVES AND SLEEVES 16"	EA	3	2	1
CONNECTION TO EXISTING WATER MAIN 8"	EA	4	1	3
CONNECTION TO EXISTING WATER MAIN 12"	EA	1	1	0
CONNECTION TO EXISTING WATER MAIN 16"	EA	3	1	2
CUT AND CAP EXISTING 8" WATER MAIN	EA	5	2	3
CUT AND CAP EXISTING 12" WATER MAIN	EA	1	1	0
CUT AND CAP EXISTING 16" WATER MAIN	EA	9	5	4
STEEL CASINGS 30"	LF	40	0	40
8" D.I. FITTING	EA	4	4	0
12" D.I. FITTING	EA	4	4	0
16" D.I. FITTING	EA	19	7	12

MAURER-STUTZ
ARCHITECTS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALLEN ROAD IMPROVEMENTS
WATER MAIN RELOCATION - ALLEN ROAD**

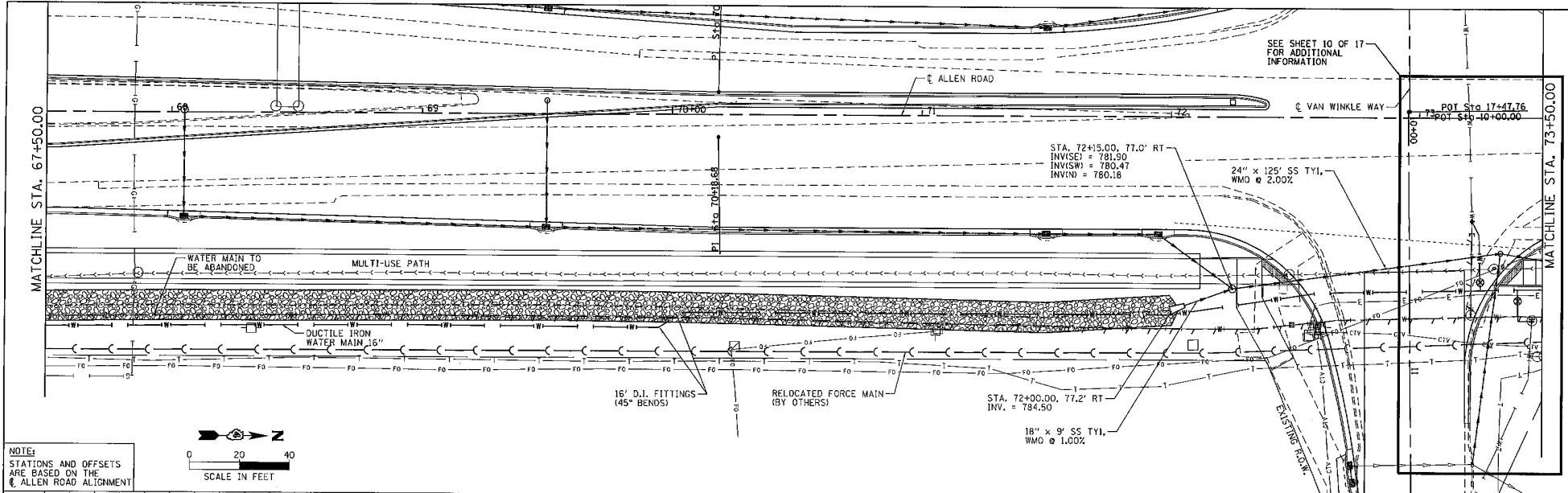
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6585		CONTRACT NO.	68683

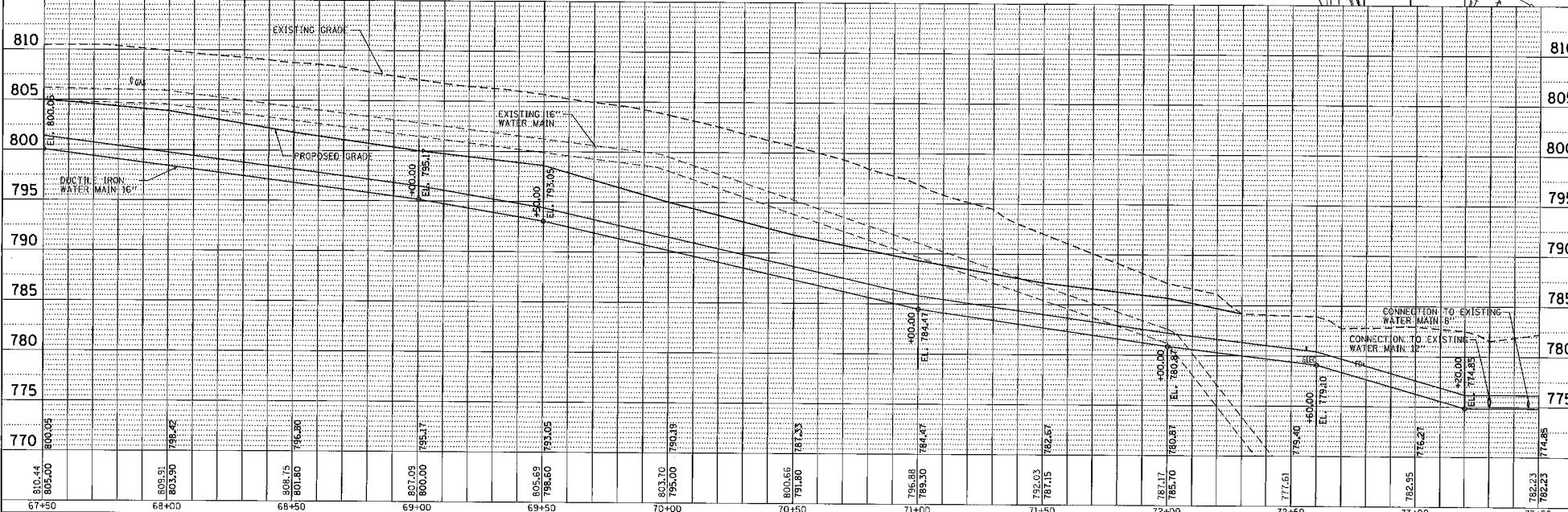
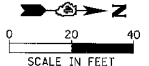
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NOTE:
STATIONS AND OFFSETS
ARE BASED ON THE
ALLEN ROAD ALIGNMENT



MAURER-STUTZ
ENGINEERS

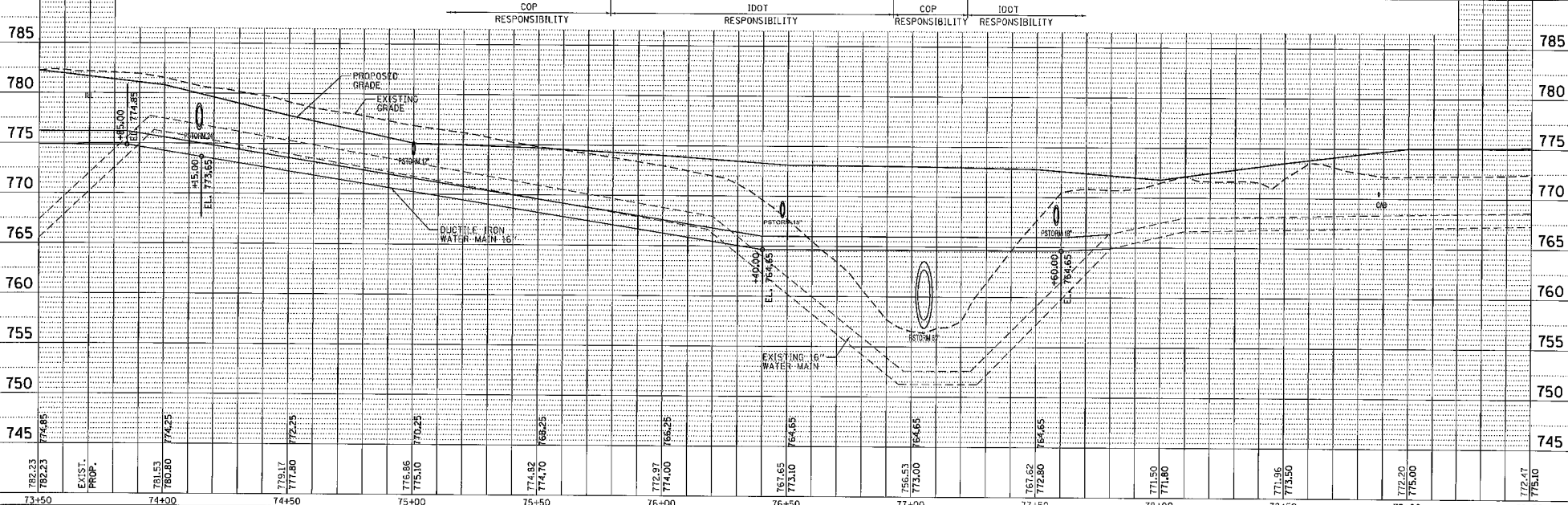
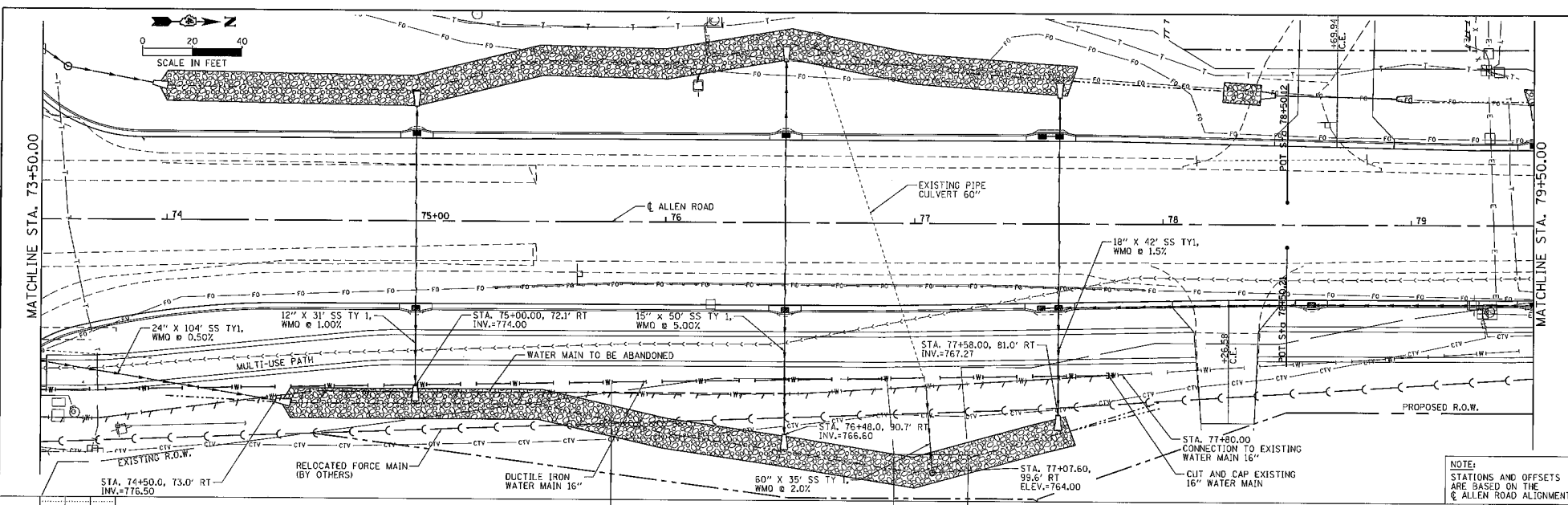
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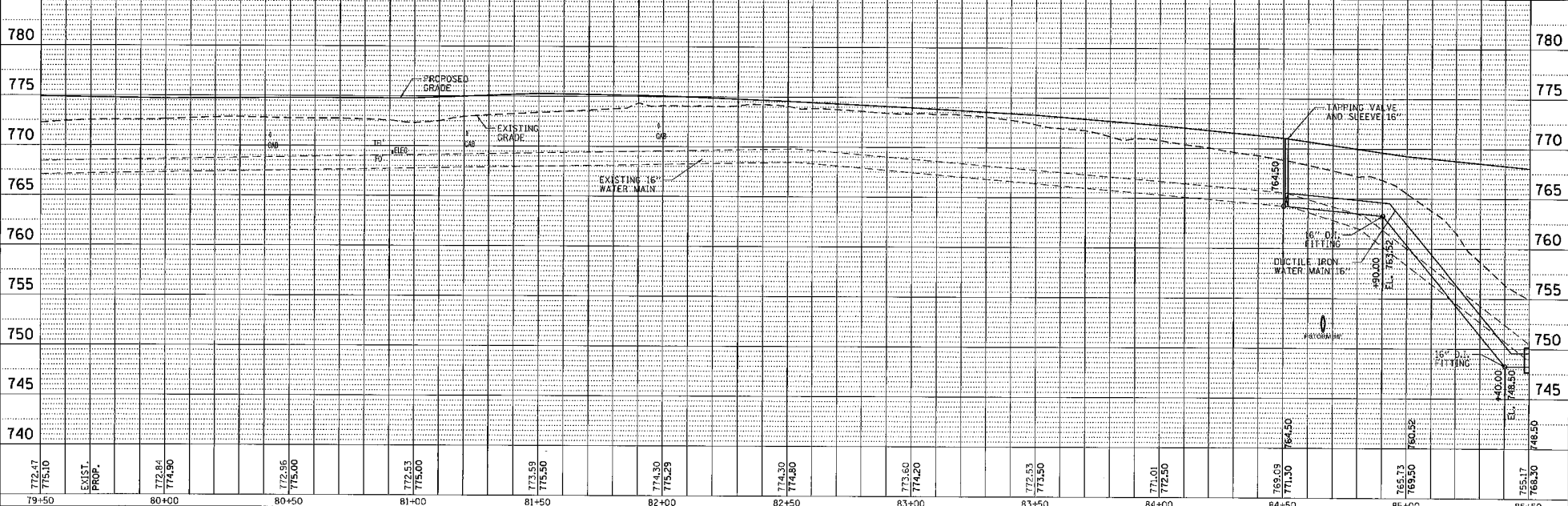
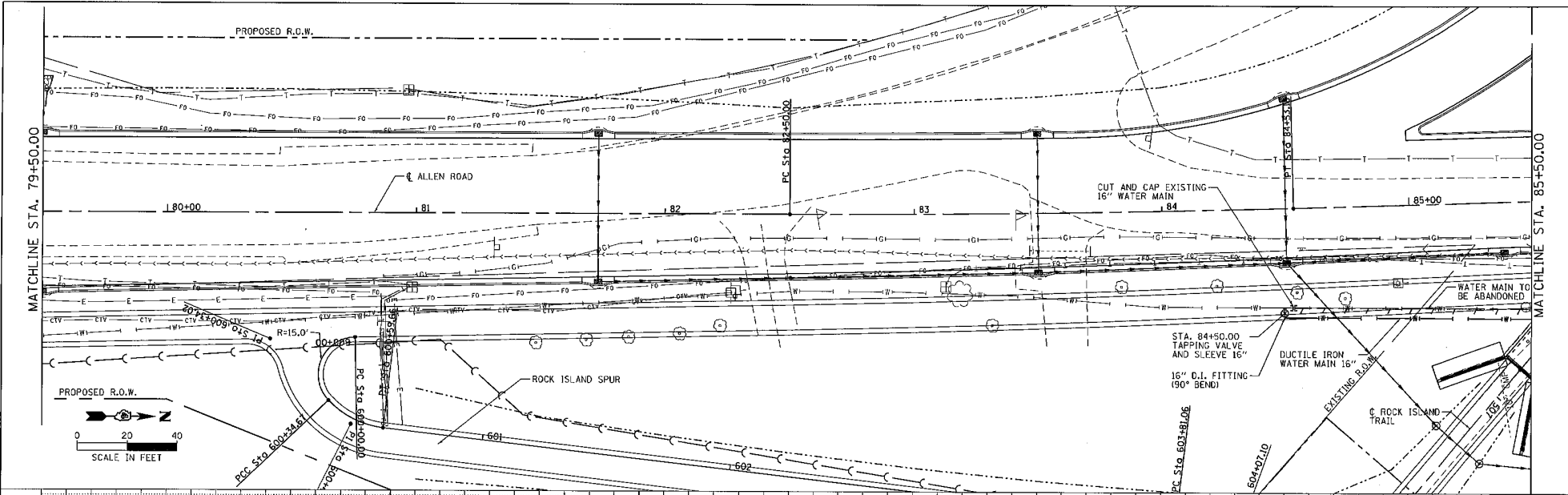
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NOTE:
STATIONS AND OFFSETS ARE BASED ON THE & ALLEN ROAD ALIGNMENT

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EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALLEN ROAD IMPROVEMENTS
WATER MAIN RELOCATION - ALLEN ROAD

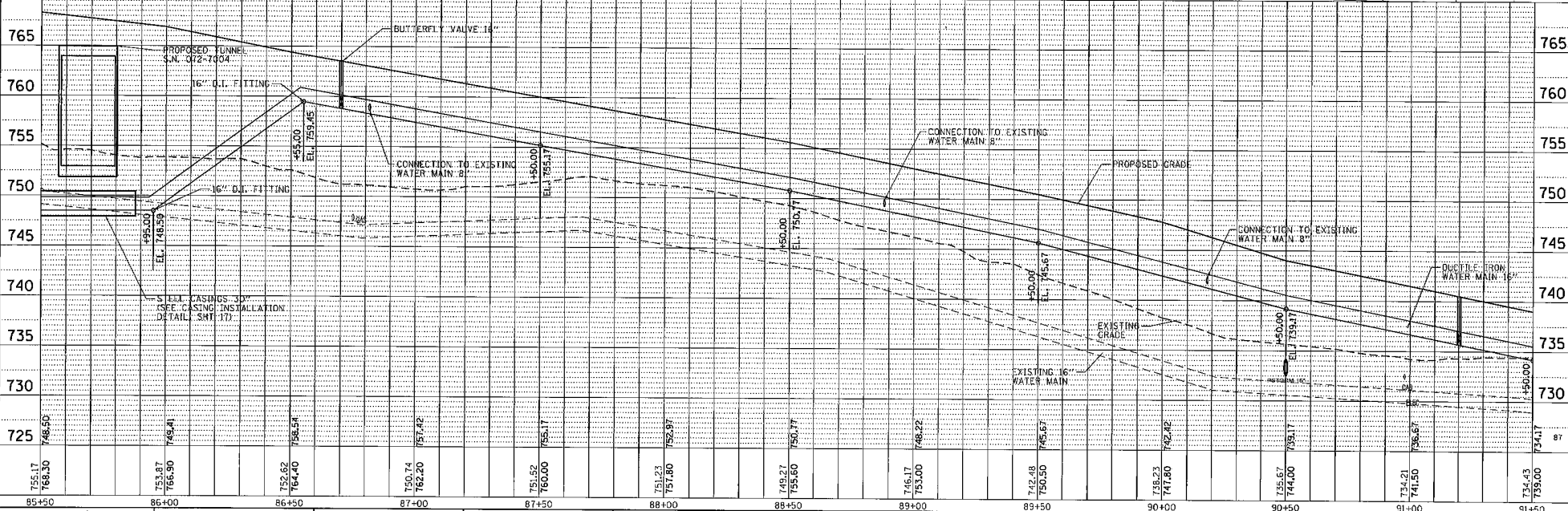
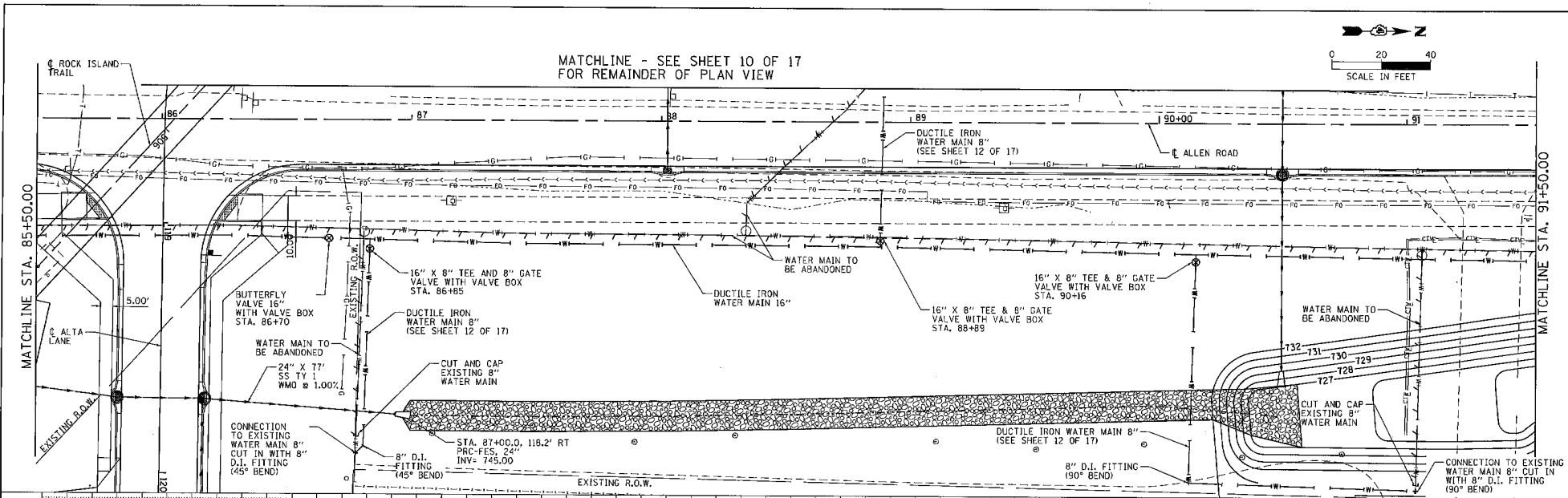
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F.A.I. RTE. 6584	SECTION 105: 172-THIBBY	COUNTY PEDRIA	TOTAL SHEETS 487	SHEET NO. 362
6585			CONTRACT NO. 68683	
ILLINOIS FED. AID PROJECT				

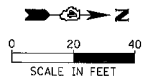
PLAN	DATE
REVISED	
BY	
NO.	

PROFILE	DATE
REVISED	
BY	
NO.	

MAURER-STUTZ
ENGINEERS ARCHITECTS

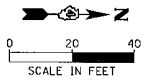


MATCHLINE - SEE SHEET 10 OF 17
FOR REMAINDER OF PLAN VIEW

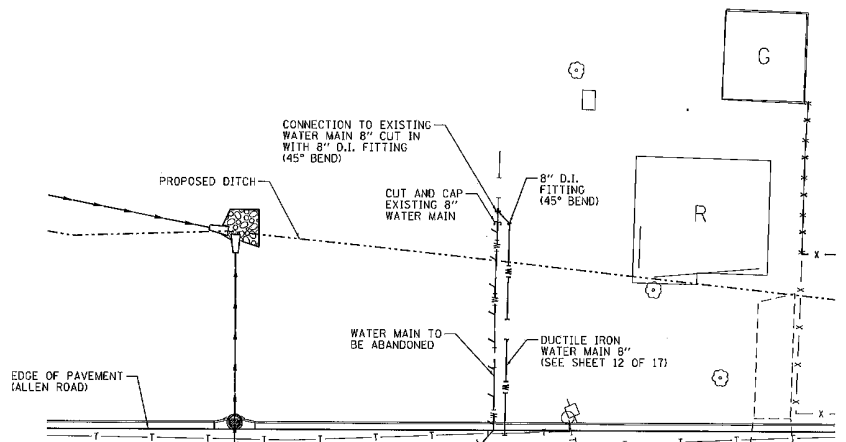


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Default	PLOT SCALE = 48.0000 1/8" = 1'	CHECKED -	REVISED -			SCALE: SHEET 9 OF 17 SHEETS, STA. TO STA.	6985		CONTRACT NO. 68683		
	PLOT DATE = 1/28/2014	DATE -	REVISED -								

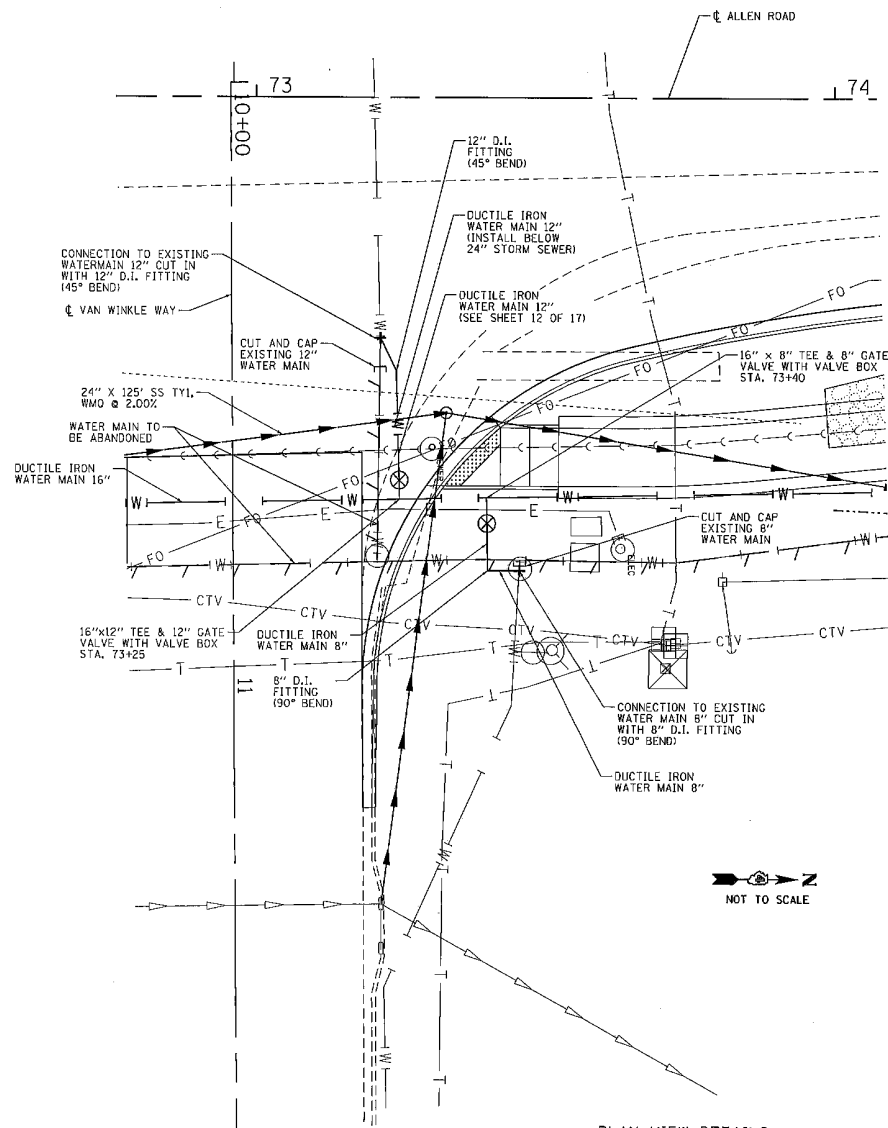
ILLINOIS FED. AID PROJECT



SCALE IN FEET



MATCHLINE - SEE SHEET 9 OF 17 FOR REMAINDER OF PLAN VIEW



NOT TO SCALE

PLAN VIEW DETAILS
VAN WINKLE WAY

NOTE:
CONTRACTOR TO FIELD VERIFY (AS NEEDED)
ELEVATIONS OF EXISTING 8" AND 12" WATER
MAINS AT PROPOSED CONNECTIONS PRIOR TO
INSTALLATION OF MAINS.

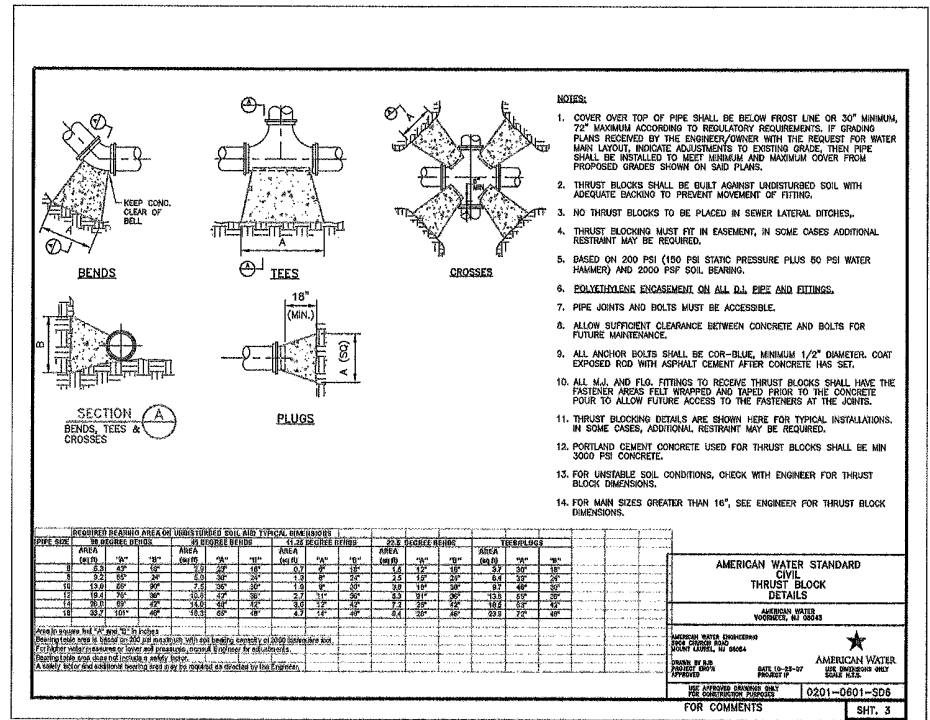
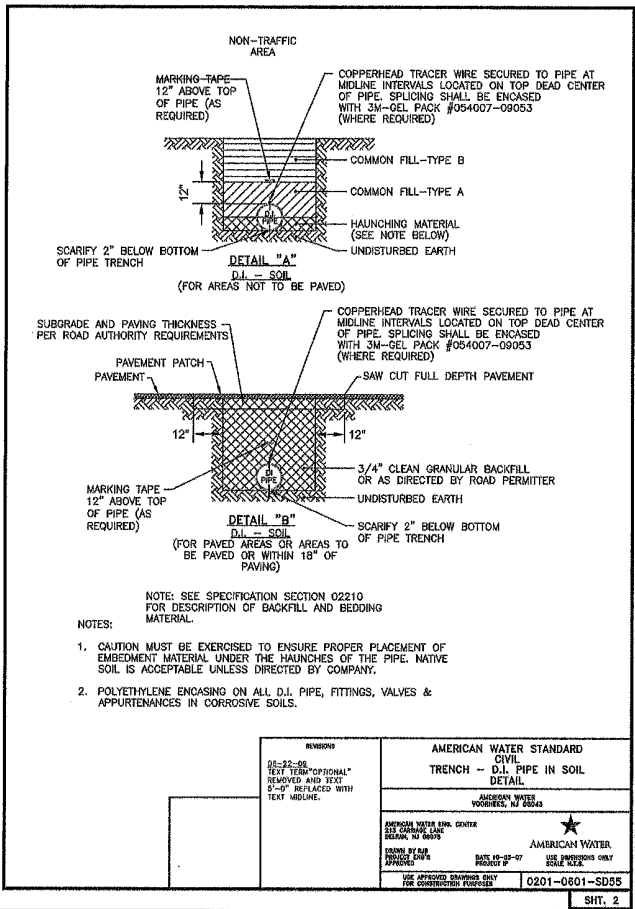
MAURER-STUTZ
ENGINEERS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

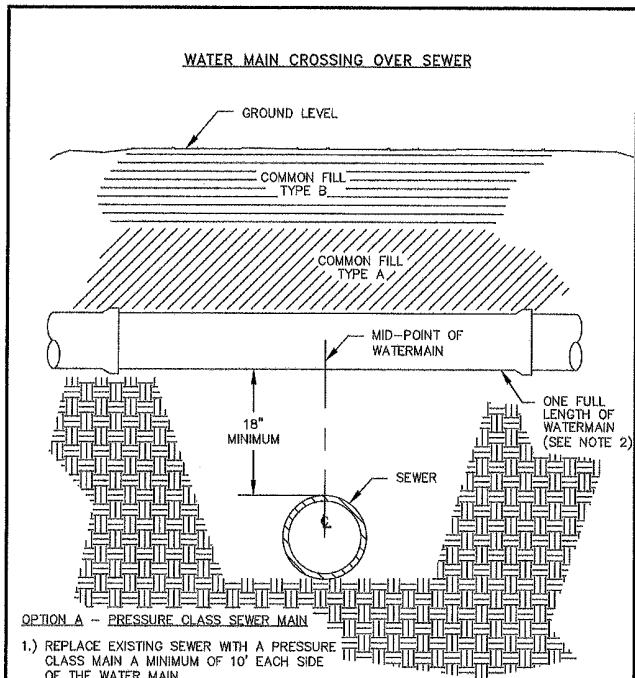
ALLEN ROAD IMPROVEMENTS
WATER MAIN RELOCATION - ALLEN ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105; (72-THIBBY)	PEDRIA	487	364
6585			CONTRACT NO. 68683	
(ILLINOIS) FED. AID PROJECT				



MAURER-STUTZ ENGINEERS

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALLEN ROAD IMPROVEMENTS WATER MAIN RELOCATION - DETAIL SHEETS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\237\2613\271230\9L88011a-rd-fn-dv-cadd	jeandrews	DRAWN -	REVISED -			6584	105 (12-THIRD)	PEDRIA	487	367
Default		CHECKED -	REVISED -			6585				CONTRACT NO. 68683
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT



OPTION A - PRESSURE CLASS SEWER MAIN

- 1.) REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN A MINIMUM OF 10' EACH SIDE OF THE WATER MAIN.

OPTION B - WATER MAIN INSTALLATION

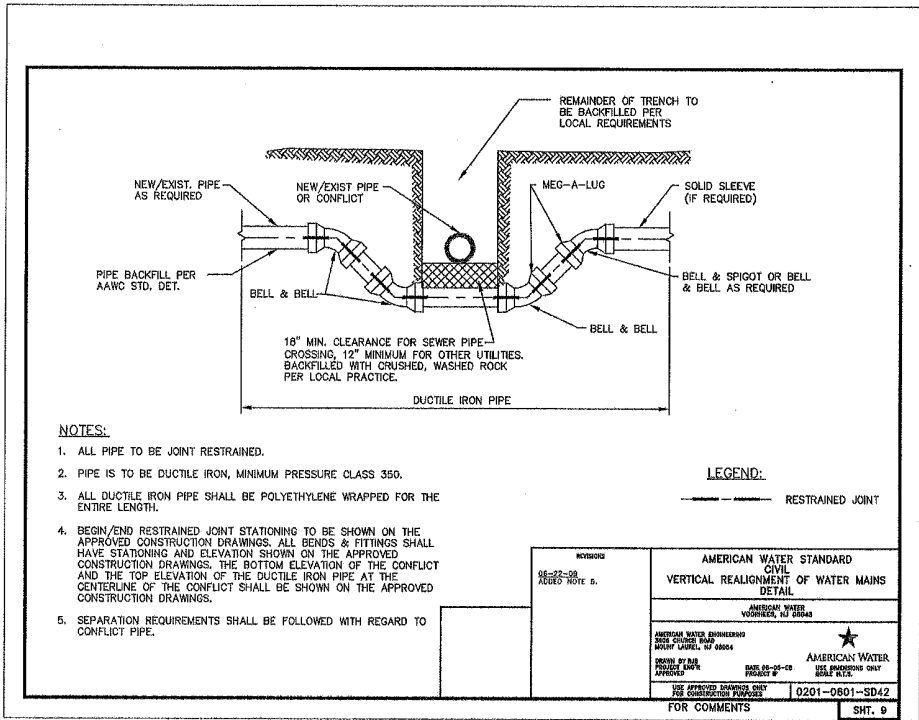
- 1.) MID-POINT OF ONE FULL LENGTH OF WATER MAIN IS TO BE CENTERED ABOVE SEWER LINE.
- 2.) PROVIDE ADEQUATE SUPPORT FOR THE WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT.

NOTES:

- 1.) FOLLOW TRENCH MATERIAL DETAIL WHEN BACK-FILLING WATER MAIN.
- 2.) THE SELECTED OPTION MUST BE APPROVED BY AN IL-AWC REPRESENTATIVE.

AMERICAN WATER STANDARD CIVIL WATER MAIN CROSSING OVER SEWER DETAIL	
AMERICAN WATER MILWAUKEE, WISCONSIN	
AMERICAN WATER PROD. SERVICE 100 NORTH WATER WORKS DR. MILWAUKEE, WISCONSIN	AMERICAN WATER DATE 01-25-01 PROJECT #
PROVIDE PLUM APPROVAL STAMP	USE ENGINEER'S ONLY SCALE SIZE
USE APPROVED DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES	XXXX-XXXX-XXXX

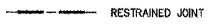
SHT. 10A



NOTES:

1. ALL PIPE TO BE JOINT RESTRAINED.
2. PIPE IS TO BE DUCTILE IRON, MINIMUM PRESSURE CLASS 350.
3. ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE WRAPPED FOR THE ENTIRE LENGTH.
4. BEGIN/END RESTRAINED JOINT STATIONING TO BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. ALL BENDS & FITTINGS SHALL HAVE STATIONING AND ELEVATION SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. THE BOTTOM ELEVATION OF THE CONFLICT AND THE TOP ELEVATION OF THE DUCTILE IRON PIPE AT THE CENTERLINE OF THE CONFLICT SHALL BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
5. SEPARATION REQUIREMENTS SHALL BE FOLLOWED WITH REGARD TO CONFLICT PIPE.

LEGEND:



REVISIONS	AMERICAN WATER STANDARD CIVIL VERTICAL REALIGNMENT OF WATER MAINS DETAIL
NO. 22-08 JULY 2010	AMERICAN WATER MILWAUKEE, WISCONSIN
	AMERICAN WATER ENGINEERING SERIES CATALOG # 07-0004
	AMERICAN WATER MILWAUKEE, WISCONSIN
	USE APPROVED DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES
	0201-0601-SD42
	SHT. 9

MAURER-STUTZ
CIVIL ENGINEERS

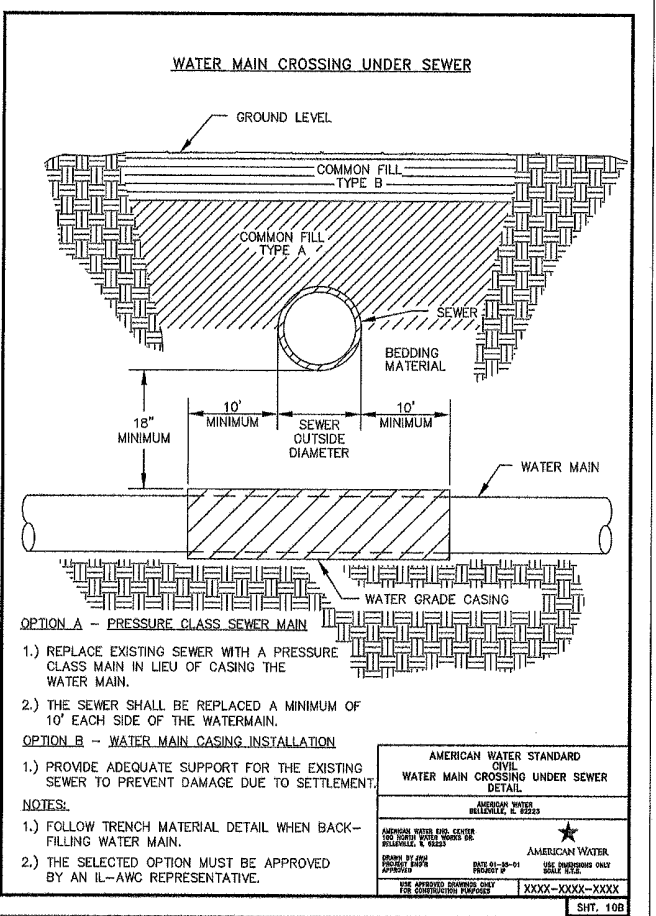
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALLEN ROAD IMPROVEMENTS
WATER MAIN RELOCATION - DETAIL SHEETS
SCALE: SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.U. RTE. 6584	SECTION 105 (72-7)B1Y	COUNTY PEORIA	TOTAL SHEET 487 / 368
6585		CONTRACT NO. 68683	

(ILLINOIS) FED. AID PROJECT



**AMERICAN WATER STANDARD
CIVIL
WATER MAIN CROSSING UNDER SEWER
DETAIL**

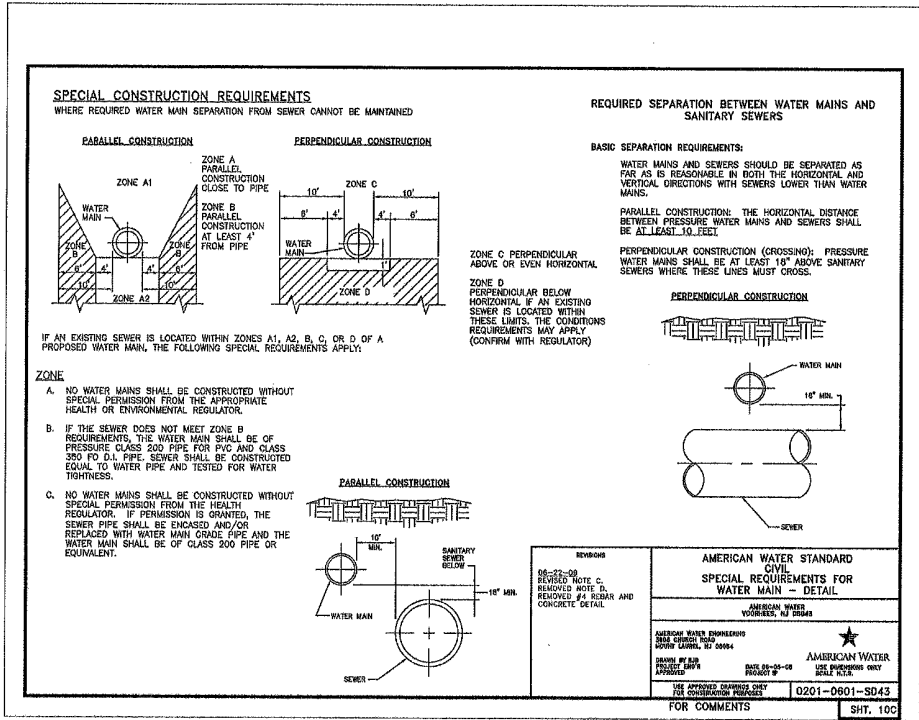
AMERICAN WATER
BELLVILLE, TX 75223

AMERICAN WATER ENGINEERING
300 SOUTH MAIN STREET
BELLVILLE, TX 75223

DRAWN BY JMG
PROJECT ENGINEER DATE 01-28-01 USE ENGINEER ONLY
SCALE 1/8"=1'-0"

SEE APPROVED DRAWING SHEET
FOR CONSTRUCTION PURPOSES **XXXX-XXXX-XXXX**

SHT. 10B



MAURER-STUTZ

FILE NAME :	USER NAME : jgarcia	DESIGNED -	REVISED -						
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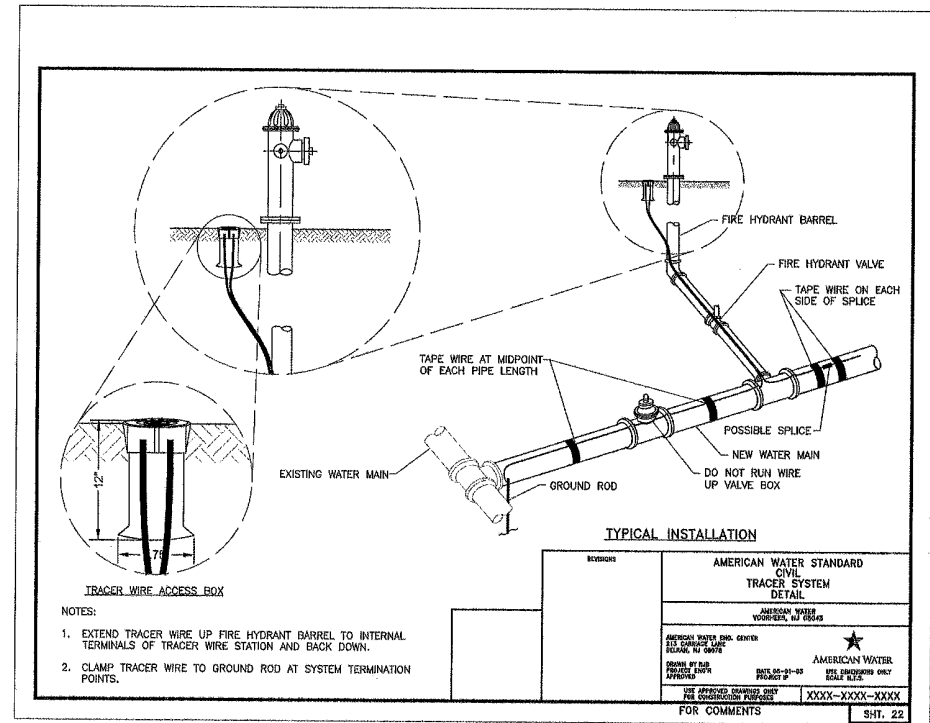
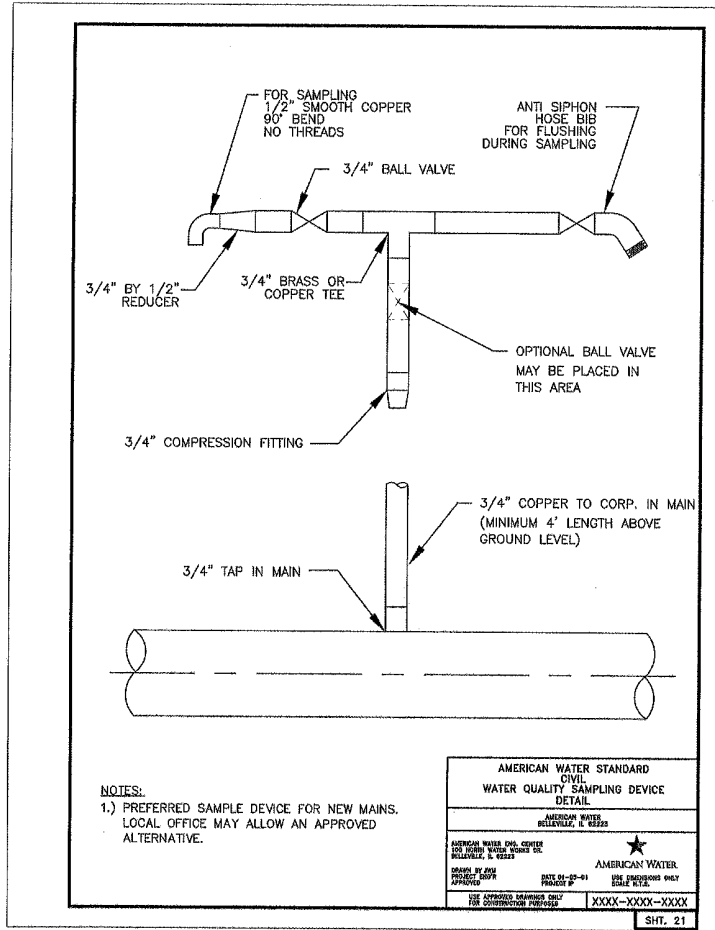
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALLEN ROAD IMPROVEMENTS
WATER MAIN RELOCATION - DETAIL SHEETS**

SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	1051 (I72-THIBBY)	PEORIA	487	369
6585				

CONTRACT NO. 68683
ILLINOIS FED. AID PROJECT



Construction Agreement between the City of Peoria and Illinois-American Water Company
Allen Road from Townline Road to North of Alta Lane
Exhibit 2

Estimated "City" Watermain Cost

Item	Quantity	Unit	Est Unit Cost	Est Total Cost
Trench Backfill	21	CY	\$ 35.00	\$ 735.00
Class B Patches, Type II, 10 inch	30	SY	\$ 250.00	\$ 7,500.00
Dowel Bars 1 1/2"	84	EA	\$ 25.00	\$ 2,100.00
Saw Cuts	144	FT	\$ 10.00	\$ 1,440.00
Ductile Iron Water Main 8"	29	FT	\$ 70.00	\$ 2,030.00
Ductile Iron Water Main 12"	29	FT	\$ 90.00	\$ 2,610.00
Ductile Iron Water Main 16"	1835	FT	\$ 110.00	\$ 201,850.00
Water Valves 8"	2	EA	\$ 2,000.00	\$ 4,000.00
Water Valves 12"	1	EA	\$ 3,000.00	\$ 3,000.00
Tapping Valves and Sleeves 16"	2	EA	\$ 12,000.00	\$ 24,000.00
Connection to existing Water Main 8"	1	EA	\$ 2,500.00	\$ 2,500.00
Connection to existing Water Main 12"	1	EA	\$ 3,000.00	\$ 3,000.00
Connection to existing Water Main 16"	1	EA	\$ 4,000.00	\$ 4,000.00
Cut and Cap existing 8" Water Main	2	EA	\$ 1,000.00	\$ 2,000.00
Cut and Cap existing 12" Water Main	1	EA	\$ 1,500.00	\$ 1,500.00
Cut and Cap existing 16" Water Main	5	EA	\$ 2,000.00	\$ 10,000.00
8" D.I. Fittings	6	EA	\$ 500.00	\$ 3,000.00
12" D.I. Fittings	4	EA	\$ 1,000.00	\$ 4,000.00
16" D.I. Fittings	7	EA	\$ 1,500.00	\$ 10,500.00
Subtotal				\$ 289,765.00
Prorated share of traffic control and mobilization				\$ 8,235.00
Estimated construction total				\$ 298,000.00
Construction engineering at 10% of construction				\$ 29,800.00
TOTAL ESTIMATED "CITY" WATERMAIN COST				\$ 327,800.00

prepared by City of Peoria, based on pricing and quantities provided by IDOT
4/13/2014