

CONSTRUCTION AGREEMENT

THIS AGREEMENT is made and entered into this 25th day of February, 2014 (the "Effective Date"), by and between **Illinois-American Water Company**, an Illinois public utility corporation, hereinafter referred to as the "Water Company," and the **City of Peoria**, an Illinois municipal corporation, hereinafter referred to as the "City," for the purposes and consideration set forth hereinafter. The Water Company and the City may hereinafter be referred to individually as a "Party" and jointly as the "Parties."

RECITALS

A. The Water Company is an Illinois corporation engaged in furnishing water utility service within the City of Peoria and certain unincorporated portions of Peoria County in the State of Illinois and holds a certificate of public convenience and necessity issued by the Illinois Commerce Commission ("ICC"), granting it the right to furnish water utility service within a certificated area.

B. The City is installing a new roadway extension to Orange Prairie Road and is currently developing plans for the project to be referred to as Orange Prairie Extension Phase II ("Orange Prairie Project").

C. The Water Company is willing to construct and install a water distribution main and related facilities in conjunction with the Orange Prairie Project and make payments to the City as customers connect to the water main, as set forth herein.

D. The Water Company is also willing to file an application before the ICC in order to seek an adjustment to its certificated area in order to conform it to the City's current corporate boundaries.

E. The Water Company is also willing to provide reimbursement to the City of certain amounts collected during the term of an expired Trash Billing Agreement dated December 26, 2003 ("Billing Agreement") between the Water Company and the City under which the Water Company formerly performed billing and account collection services for customers of the City receiving trash collection service.

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

1. Water Service Facilities.

(a) In accordance with Water Company construction plans, the Water Company agrees to construct and install approximately 6,000 lineal feet of 12-inch water main, together with the necessary valves, fittings, and related necessary items, excepting meters, hereinafter collectively referred to as the "Facilities." A copy of said plans is attached as Exhibit "A" and made a part of this Agreement by reference. Construction shall begin upon reasonable notice given by the City, but in any case no later than June 1, 2014.

(b) The cost of the Facilities to be designed and constructed pursuant to this Agreement is estimated to be Six Hundred Eleven Thousand Two Hundred Eighty-Two Dollars (\$611,282) ("Estimated Cost"). The Water Company shall pay all costs and expenses associated with the design, construction, and start-up of the Facilities within City owned right of way. If the actual cost of design and construction of the Facilities (the "Actual Cost") is less than the Estimated Cost, the Water Company shall pay to the City the difference between the Estimated Cost and the Actual Cost. The Water Company shall provide an accounting to the City of the Actual Cost of the design and construction of the Facilities within 60 days of completion.

(c) The size, design, type and quality of materials and of the system location and manner of installation, shall be specified by the Water Company and shall comply with the requirements of the Illinois Environmental Protection Agency, the Illinois Department of Historic Preservation, and any other public agencies having authority over the construction and installation of the Facilities. No material change shall be made in the plans and specifications for the Facilities without the prior written approval of the Water Company and the City.

(d) The Water Company shall file an application before the ICC requesting an adjustment to the boundaries of the Water Company's certificated area, as shown in the map attached hereto as Exhibit "B" (the "Modified Certificated Area").

(e) The Water Company shall not provide water service to customers from the Facilities outside the Modified Certificated Area. The Water Company shall not seek to adjust or expand the Modified Certificated Area in order to provide water utility service from the Facilities to customers outside the Modified Certificated Area without the prior written consent of the City. If the City does not respond to any request by the Water Company for consent to adjustment or expansion of the Modified Certificated Area within 30 days of submittal by the Water Company, the request shall be deemed granted.

(f) During the first 10 years after the date set forth in paragraph 1(a), the Water Company shall pay to the City, for each new customer taking service from the Facilities under a regular yearly contract, at the end of the first year's billing for service to such new customer, an amount equal to one and one-half (1½) times the actual annual water revenue received from such new customer.

(g) The total payments made to or receivable by the City under paragraph 1(f) shall not exceed the Actual Cost, without interest thereon.

(h) The parties hereto agree that the City shall not be entitled to any form of payment or other reimbursement or compensation as a result of further extensions of water mains from or beyond the Facilities installed under this Agreement, or for Customers taking service from such further extensions.

(i) Within 30 days after the Effective Date, the Water Company shall pay the City the amount of Six Hundred Seventy-Two Thousand Sixty-Six Dollars and No Cents (\$672,066.00), as reimbursement for certain amounts collected during the term of the Billing Agreement. Upon payment of such amount, the Water Company shall have no further liability or obligation to the City for amounts collected during the term of the Billing Agreement.

2. Easements.

This Agreement shall be subject to the City providing to the Water Company satisfactory evidence of perpetual easements and/or rights-of-way over, under, and across all portions of the main and pipeline routes as may be necessary to serve each parcel or lot within the project area and to operate, repair, and maintain the Facilities. All easements and rights-of-way shall be perpetually free of obstacles, which may interfere with the operation, maintenance, and use of the Facilities by the Water Company. Should the City require the relocation of the water main at a later date, costs for such relocation shall be borne by the City.

3. Commencement of Water Company's Obligation to Serve.

At all times ownership and control of the Facilities shall be and remain with the Water Company. The City shall not represent to nor advise any third party that water utility service is presently available, until availability of service is confirmed in writing by the Water Company.

4. Applicability of Water Company's Rules.

(a) This Agreement, and all rights and obligations hereunder, including those regarding water service to the Project Area, shall be subject to the Rules and all applicable rates, fees, charges, and tariffs of the Water Company as approved by the ICC from time to time.

(b) Except as to adjustments or expansions of the Modified Certificated Area as set forth in paragraph 1(e), the Water Company shall have the unilateral right to apply to the ICC for changes or modifications in any of its rates or charges and to alter or amend its terms and conditions of service and to otherwise charge for its services as may be permitted by the ICC.

5. Binding Effect of Agreement.

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 the City shall not be binding upon the Water Company or create any rights in the assignee until such assignment or other transfer is approved and accepted in writing by the Water Company.

6. 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:

If to the City:

Attn: City Manager
City of Peoria, Illinois
419 Fulton Street, Suite 207
Peoria, Illinois 61602

With a copy to:

Attn: Legal Department
City of Peoria, Illinois
419 Fulton Street
Peoria, Illinois 61602

If to the Water Company:

Attn: President
Illinois-American Water Company
300 North Water Works Drive
Belleville, Illinois 62223

With a copy to:

Attn: Legal Department
Illinois-American Water Company
300 North Water Works Drive
Belleville, Illinois 62223

Each party shall promptly provide written notice to the other party, as provided herein, of any subsequent change of address, and the failure to do so shall preclude any subsequent claim that notice was improperly given hereunder.

7. Miscellaneous.

This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois. This Agreement, together with the attachments hereto, sets forth the entire agreement between the parties and supersedes all prior negotiations, understandings, and agreements between them. This Agreement shall be solely for the benefit of the Parties and shall not confer any rights to any third party. 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 may be executed by the Parties hereto on any number of separate counterparts, and all such counterparts so executed constitute one agreement binding on all the Parties hereto notwithstanding that all the Parties hereto are not signatories to the same counterpart.

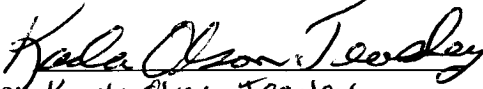
[Remainder of page intentionally left blank; signature page follows.]

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.

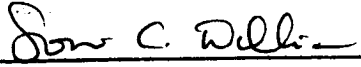
The City of Peoria, Illinois

Illinois-American Water Company

By: 
Name: Patrick Urich
Title: City Manager

By: 
Name: Karla Olson Teasley
Title: President

APPROVED
LEGAL DEPT.

BY 

CONSTRUCTION AGREEMENT

EXHIBIT A

PLANS

★
ILLINOIS
AMERICAN WATER CO.
ORANGE PRAIRIE ROAD
WATER MAIN EXTENSION
PEORIA, ILLINOIS

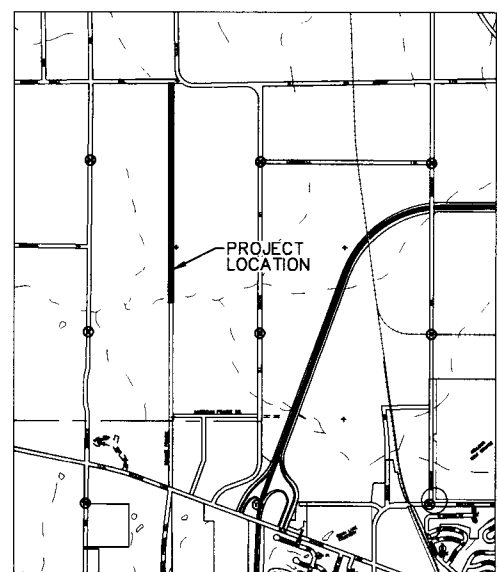
INDEX OF SHEETS

- 1 COVER SHEET & SUMMARY OF QUANTITIES
- 2 LEGEND, GENERAL NOTES & CONTROL POINTS
- 3-14 WATER MAIN PLAN & PROFILE SHEETS
- 15-18 WATER MAIN CONSTRUCTION DETAILS

LIST OF UTILITY COMPANIES

- | | |
|----------------------------------|-----------------------------------|
| ATT (DISTRIBUTION) | JOHN O'FLAHERTY
(309-886-3318) |
| AMEREN GAS & ELECTRIC | KENT KOWALSKY
(309-693-4839) |
| COMCAST (CABLE & TELEPHONE) | KIRK KROMPHARDT
(309-886-2818) |
| GREATER PEORIA SANITARY DISTRICT | MARIA ZAVALA
(309-272-4844) |
| FRONTIER COMMUNICATIONS | DARRELL SENIOR
(309-827-1253) |
| I.A.W.C. | JIM RAY
(309-566-4108) |
| I.A.W.C. | MATT WHITE
(309-208-8366) |
| MEDIACOM | DENNIS JARDING
(309-743-4750) |
| WINDSTREAM/PAETEC (FIBER) | MARK WELLS
(217-876-7194) x240 |
| CITY OF PEORIA | DAVID FERREIRA
(309-253-0930) |
| | KEN ANDREJASICH
(309-494-8813) |

THE LIST PROVIDED IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR UTILITY LOCATIONS PRIOR TO BEGINNING ANY WORK.



LOCATION MAP
N.T.S.

SUMMARY OF QUANTITIES

ITEM	QUANTITY
WATER MAINS, D.I., PRESS. CL. 350, 6" (HYDRANT LATERALS)	45 FT
WATER MAINS, D.I., PR. CL. 350, 12" (W/ POLYWRAP, TRACER WIRE & BURY TAPE)	8,258 FT
WATER MAIN ENCASEMENT, PVC, CL. 150, 24"	80 FT
M/J GATE VALVE & BOX, 6"	11 EA
M/J GATE VALVE & BOX, 12"	13 EA
M/J TEE, 12" x 6"	11 EA
M/J 11.25' ELBOW, 12"	4 EA
M/J 22.5' ELBOW, 12"	2 EA
M/J 45' ELBOW, 12"	2 EA
M/J 90' ELBOW, 6"	11 EA
M/J REDUCER, 8" x 6"	1 EA
MUELLER 3-WAY HYDRANTS, 6"	12 EA
SERVICE INSTALL (BACTI SAMPLE LOCATIONS)	7 EA

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

BY: DEVIN L. BRICH, P.E.

DATE:



J.U.L.I.E. 1-800-892-0123

★ ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS
DATE	REMARKS	ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 1500 N. HALDER DR., PEORIA, IL 61618
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS
		PEORIA LICENSE NO. 184-88148 ILLINOIS
COVER SHEET		
DATE	ISSUED	PROJECT NO.
1/29/13		1 of 18

I.A.W.C. WATER MAIN NOTES:

ALL WATER MAIN (PUBLIC OR PRIVATE) INSTALLATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS. CURRENT EDITIONS, STANDARDS AND SPECIFICATIONS OF ILLINOIS AMERICAN WATER COMPANY AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY REGULATIONS 35 IAC, SUBTITLE F. IN CASE OF CONFLICT, THE MORE STRINGENT SPECIFICATIONS SHALL APPLY.

MAINTAIN 10 FEET HORIZONTAL CLEARANCE BETWEEN WATER MAIN AND SANITARY SEWER, STORM SEWER, AND/OR SANITARY SERVICES AT LOCATIONS WHERE THIS IS NOT POSSIBLE, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF STORM OR SANITARY SERVICE.

WHERE NEW WATER MAIN IS TO BE INSTALLED UNDER EXISTING OR PROPOSED STORM OR SANITARY SERVICES, OR WITHIN 18 INCHES ABOVE AN EXISTING OR PROPOSED STORM OR SANITARY SERVICE, THE NEW WATER MAIN SHALL BE ENCASED IN WATER MAIN QUALITY CONCRETE WITH REINFORCEMENT OF 4 #4 BARS, 12" SPACING, 3" THICK, CEMENT MORTAR AND THE ENDS OF THE CASING SHALL BE SEALED WITH CEMENT MORTAR OR APPROVED EPOXY. STEEL CASING PIPE SHALL MEET OR EXCEED ASTM A-36, GRADE B. MINIMUM ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS. ALL WATER MAIN SEPARATION WORK IS INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOWNS.

THE WATER MAIN SHALL BE DUCTILE IRON, PRESSURE CLASS 350, CEMENT LINED W/ 8-MIL POLYMER AND MEET THE REQUIREMENTS OF AAS/AMWA A21.51/C151.

WATER MAIN JOINTS SHALL BE SLIP JOINTS AND SHALL MEET THE REQUIREMENTS OF AAS/AMWA A21.51/C111, UNLESS OTHERWISE NOTED.

WATER MAIN, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

WATER MAIN UNITS SHALL BE DUP JOINTS AND SHALL MEET THE REQUIREMENTS OF AAS/AMWA A21.51/C111, UNLESS OTHERWISE NOTED.

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GENERAL NOTES:

THIS PROJECT IS BEING DESIGNED FOR ILLINOIS AMERICAN WATER COMPANIES WATER MAIN EXTENSION ALONG ORANGE PRAIRIE ROAD AS SHOWN IN THE PLANS. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH ILLINOIS AMERICAN WATER COMPANIES REPRESENTATIVE. CONTRACTOR SHALL REFER TO THE SPECIFICATIONS AND CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES DURING CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATIONS AND CONSTRUCTION CONTRACT DOCUMENTS.

ILLINOIS AMERICAN WATER COMPANIES REPRESENTATIVE IS JAMES RAY (309)-868-4108.

THE CONTRACTOR SHALL CONTINUOUSLY INSPECT ALL LINES AND GRADES AS SHOWN IN THE PLANS WITH THE ACTUAL LINES AND GRADES PLACED ON SITE. ANY DISCREPANCIES THAT MAY AFFECT THE PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER IN WRITING BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY WORK COMPLETED PRIOR TO IDENTIFYING ANY DISCREPANCIES TO THE OWNER OR ENGINEER WITH NO ADDITIONAL COMPENSATION ALLOWED FOR CORRECTION OF THE WORK.

THE CONTRACTOR, WITH I.A.W.C. CITY OF PEORIA, AND THE ENGINEER WILL HAVE A PRE-CONSTRUCTION MEETING PRIOR TO STARTING THE PROJECT AND SHALL FOLLOW THE PLANS AS DISCUSSED IN THE PRE-CONSTRUCTION MEETING. DURING THE PRE-CONSTRUCTION MEETING THE CONTRACTOR WILL SIGNIFY ON HIS RESPONSIBILITIES AS OUTLINED IN THE PLANS AND WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, AND PAYMENTS OF ASSOCIATED FEES PRIOR TO BEGINNING ANY CONSTRUCTION. ANY CHANGES TO THE PLANS DURING CONSTRUCTION WILL NOT BE PERMITTED WITH OUT APPROVAL FROM I.A.W.C. OR THE ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING FINAL AS-BUILT DRAWINGS ON THE STANDARD FORM ONLY CONSTRUCTION SHEETS NO LESS THAN EVERY OTHER DAY TO I.A.W.C. AND OWNER.

CONSTRUCTION STAKING, LAYOUT, GRADING AND MATERIAL TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WHEN WORKING AROUND PROPERTY MARKERS AND SUBDIVISION MONUMENTS, THE CONTRACTOR SHALL TAKE THE NECESSARY CARE IN ORDER TO PRESERVE THE INTEGRITY OF THE MARKERS AND MONUMENTS. IF ANY MARKERS OR MONUMENTS ARE DISLOCATED, THE OWNERS REPRESENTATIVE SHALL BE NOTIFIED BEFORE SUCH MARKERS AND MONUMENTS ARE REMOVED OR UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE PROTECTION AND CLEANING FOR ALL WORK WITHIN THE CORPORATE LIMITS OF THE CITY OF PEORIA UNDER THE CONTRACT UNTIL FINAL COMPLETION AND ACCEPTANCE THEREOF. THE CONTRACTOR SHALL KEEP THE ROADWAY CLEAR OF MUD, DIRT AND DEBRIS DURING CONSTRUCTION. CLEANING SHALL BE DONE IN AN ACCEPTABLE MANNER WITH EQUIPMENT THAT DOES NOT DAMAGE THE EXISTING PAVEMENT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I. PRESS. CL. 350, 12" WHICH SHALL INCLUDE ALL LABOR, REMOVAL, DISPOSAL AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.

WORK OPERATION NOTES:

THE CONTRACTOR SHALL COORDINATE AND NOTIFY ALL LOCAL MUNICIPALITIES & UTILITY COMPANIES AS TO WHEN WORK MAY BEGIN. I.A.W.C. SHALL BE NOTIFIED NO LESS THAN 48 HOURS BEFORE FOR ANY SHUTDOWNS, TAPS, VALVE WORK OR HYDRANT FLUSHING. THE CONTRACTOR WILL NOT BE ALLOWED TO EXPOSE OR REMOVE ANY EXISTING VALVES, WATER SERVICES OR HYDRANTS. I.A.W.C. CONTACT WILL BE MADE WITH AT 309-208-1806.

PRIOR TO CONSTRUCTING THE WATER MAIN, ANY UTILITY ADJUSTMENTS OR RELOCATIONS, IF NEEDED, MAY BE DONE BY THE FOLLOWING AGENCIES & ELECTRIC, ALL LOCAL AND LONG DISTANCE CARRIERS, ALL CABLE & FIBER OPTIC SYSTEMS, AND THE GREAT PEORIA SANITARY DISTRICT.

ONCE THE CONTRACTOR HAS RECEIVED ALL NECESSARY PERMITS, THE CONTRACTOR CAN BEGIN CONSTRUCTING THE WATER MAIN AT DEPTH AND LOCATIONS AS NOTED ON THE PLANS, AND FOLLOW THE REQUIREMENTS FOR TRENCH BACKFILL, WHERE NOTED ON THE PLANS WHEN APPLICABLE, INCLUDING ANY TESTING. THIS WORK ALSO INCLUDES, BUT IS NOT LIMITED TO THE INSTALLATION OF SELECT VALVES AND BOXES, MISCELLANEOUS FITTINGS AND APPURTENANCES, EXCAVATION FOR CONNECTIONS TO EXISTING WATER MAINS, SITE RESTORATIONS AS DETAILED AND NOTED ON THE PLANS.

ABBREVIATIONS:

- AGL - ADEGRADE
- AMB - BACK OF CURB
- B/C - BITUMINOUS
- B - BASE LINE
- B. & P. - BY OTHERS
- E & O - CENTERLINE
- C - CONCRETE
- CONC - CONSTRUCTION LIMITS
- CP - CORNER POINT
- DI - DUCTILE IRON
- DIA - DIAMETER
- E.O.P. - EDGE OF PAVEMENT
- ELEV - ELEVATION
- EX - EXISTING
- FT - FEET
- IN - INCH
- LR - HIGH POINT
- INVERT - INVERT
- LINEAL FEET - LINEAL FEET
- NOT TO SCALE - NOT TO SCALE
- POSTING - POSTING SIGN
- CONC - CONCRETE
- PREL - PROFILE GRADE LINE
- PROVIDED - PROVIDED
- SS - SANITARY SEWER
- STORM SEWER - STORM SEWER
- TOP OF CURB - TOP OF CURB
- TY - TYPICAL
- WM - WATER MAIN

LEGEND:

- - - - - EXISTING CONTOUR
- EXISTING SANITARY SEWER
- - - - - EXISTING STORM SEWER
- EXISTING WATER MAIN
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING OVERHEAD CABLE TV
- EXISTING GAS LINE
- EXISTING CABLE TV
- EXISTING FIBER LINE
- - - - - PROPERTY LINE
- EXISTING FENCE
- EXISTING SITE FEATURES
- EXISTING POWER POLE W/ LIGHT
- EXISTING STREET SIGNAL
- EXISTING ELECTRIC TRANSFORMER
- EXISTING TELEPHONE MAST
- EXISTING POWER POLE
- EXISTING WATER SERVICE
- EXISTING GAS SERVICE
- EXISTING VARD LIGHT
- EXISTING STREET SIGN
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING TREE & SHRUB
- EXISTING TREE LINE
- PROPOSED WATER MAIN
- PROPOSED WATER VALVE
- PROPOSED HYDRANT
- PROPOSED WATER STRUCTURE
- IDENTIFICATION NUMBER

BENCHMARKS:

- 1) T-POST IN FIRST GRASS STRIP NORTH OF DREEK, NORTH LINE OF VILLAS, STA 84+42.0, 139' RT, ELEVATION = 678.23
- 2) T-POST IN FIRST FENCE RUNNIG WEST OF SECTION LINE NORTH OF VILLAS, 3300 WEST, STA 97+93.0, 279' LT, ELEVATION = 710.10
- 3) CAPPED IRON ROD WEST SIDE OF RTE 91, STA. 143+02.0, 332' LT, ELEVATION = 735.87
- 4) CUT "50" IN TOP OF WEST SIDE OF LIGHT POLE BASE ON POLE #5, EAST SIDE OF RTE. 91, STA. 139+72.0, 73' RT, ELEVATION = 736.92
- 5) CUT "50" IN TOP OF SOUTH SIDE OF LIGHT POLE BASE ON POLE #3, NORTH SIDE OF RTE. 91, STA. 303+37.0, 8' RT, ELEVATION = 734.34

NOTES:

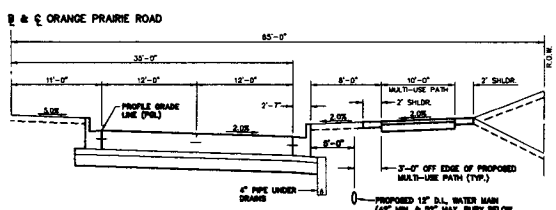
FLASHING LIGHTS SHALL BE USED IN ADVANCE OF THE WORK AREA DURING HOURS OF DARKNESS AND PLACED ON EACH PERMANENT SIGN.

TRAFFIC CONTROL PLAN:

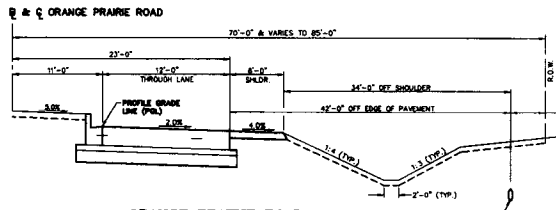
THE CONTRACTOR WILL ACCESS THE PROJECT VIA ORANGE PRAIRIE ROAD, AND GRANGE HALL RD. ONLY WITH ACCESS ON TO ALTERNATE ROADWAYS NOT PERMITTED. CITY CORPORATE LIMITS WILL BE DISCUSSED DURING THE PRE-CONSTRUCTION MEETING AS WELL AS CONSTRUCTION LIMITS.

TRAFFIC CONTROL USED SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OR THE APPLICABLE GUIDELINES CONTAINED IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" - CURRENT EDITIONS. ALL TRAFFIC CONTROL USED SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. IF TRAFFIC CONTROL IS NOT MAINTAINED TO THE SATISFACTION OF THE ENGINEER WHEN REQUIRED, CONSTRUCTION SHALL BE STOPPED UNTIL TRAFFIC CONTROL IS RESET TO THE SATISFACTION OF THE ENGINEER.

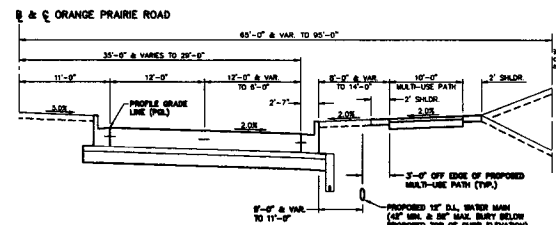
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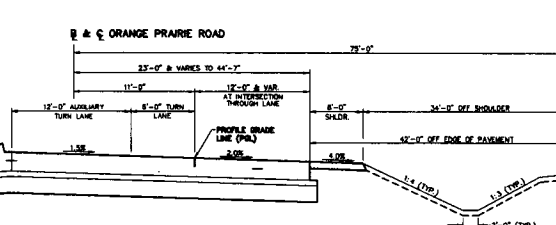
ORANGE PRAIRIE ROAD
PROPOSED TYPICAL SECTION
(STA. 94+25.0 TO STA. 94+55.0)



ORANGE PRAIRIE ROAD
PROPOSED TYPICAL SECTION
(STA. 95+60.0 TO STA. 135+50.0)

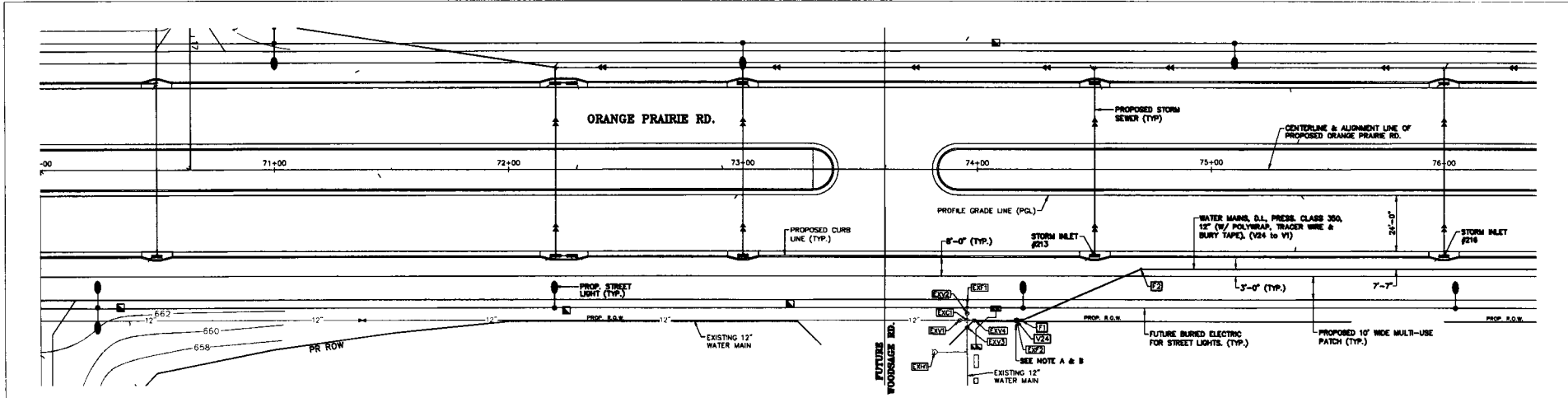


ORANGE PRAIRIE ROAD
PROPOSED TYPICAL SECTION
(STA. 99+30.0 TO STA. 99+95.0)



ORANGE PRAIRIE ROAD
PROPOSED TYPICAL SECTION
(STA. 135+0.0 TO STA. 137+25.0)

ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
ENGINEERING DEPARTMENT 7000 N. SAUNDERS BL., PEORIA, IL 61615		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA, ILLINOIS 61615	
PROJECT LICENSED No. 194-091149 ILL.02002		LEGEND & CONTROL SHEET	
Date	1/29/13	Drawn	Sheet No. 2 of 16



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 350, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD. NUMBER	* WATER MAIN FITTINGS	NORTHING	EASTING
V24	MJ GATE VALVE, 12"	-	-
F1	MJ 22.5' ELBOW, 12"	-	-
F2	MJ 22.5' ELBOW, 12"	-	-
EXV1	EX. 12" GATE VALVE (TO REMAIN)	-	-
EXV2	EX. 12" GATE VALVE (TO REMAIN)	-	-
EXV3	EX. 12" GATE VALVE (TO REMAIN)	-	-
EXV4	EX. 12" GATE VALVE (TO REMAIN)	-	-
EXC1	EX. 12"x12" 12"x12" MJ CROSS (TO REMAIN IN PLACE)	-	-
EXF1	EX. 12" MJ CAP (TO REMAIN IN PLACE)	-	-
EXF2	EX. 12" MJ CAP (TO BE REMOVED)	-	-

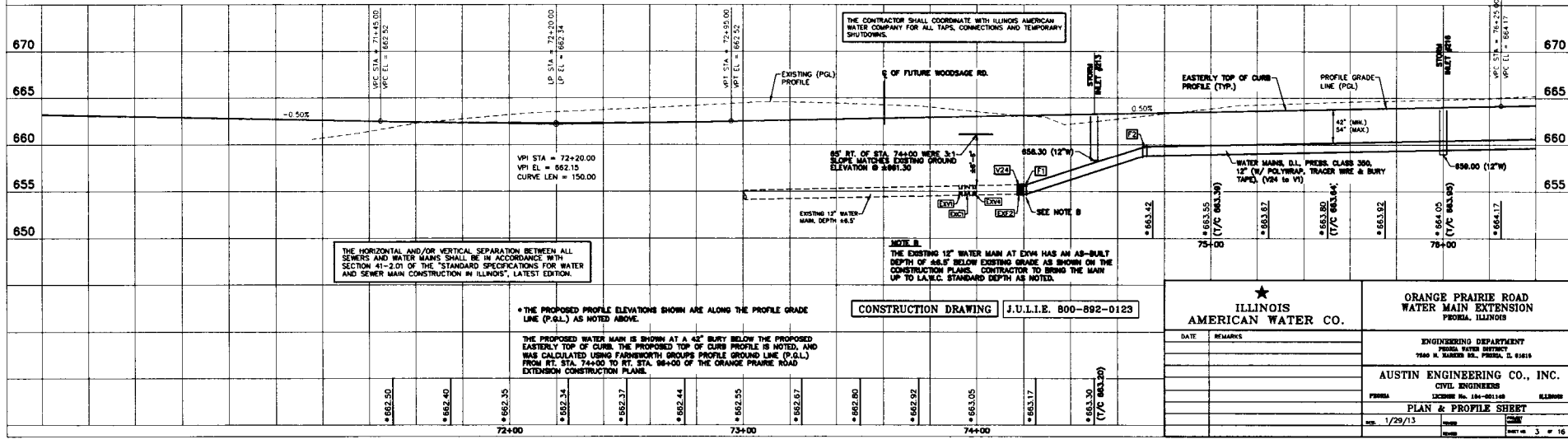
* RESTRAINED JOINTS SHALL BE FIELD JOINT OR LIFT-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.

LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
EXH1	EXISTING HYDRANT (TO REMAIN)	-	-

NOTE A.
THE CONTRACTOR SHALL LOCATE THE END OF THE EXISTING 12" WATER MAIN STUB, REMOVE THE EXISTING 12" MJ CAP, AND CONNECT WITH PROPOSED MJ GATE VALVE, 12", AND MJ 22.5' ELBOW, 12". THE CONTRACTOR SHALL PLACE FIELD JOINT GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD JOINT GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

NOTE B.
THE EXISTING 12" WATER MAIN AT EXV4 HAS AN AS-BUILT DEPTH OF 48.5' BELOW EXISTING GRADE. CONTRACTOR TO BRING THE MAIN UP TO I.A.W.C. STANDARD DEPTH AS NOTED.

SCALES:
1" = 20' HOR
1" = 5' VER



THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS', LATEST EDITION.

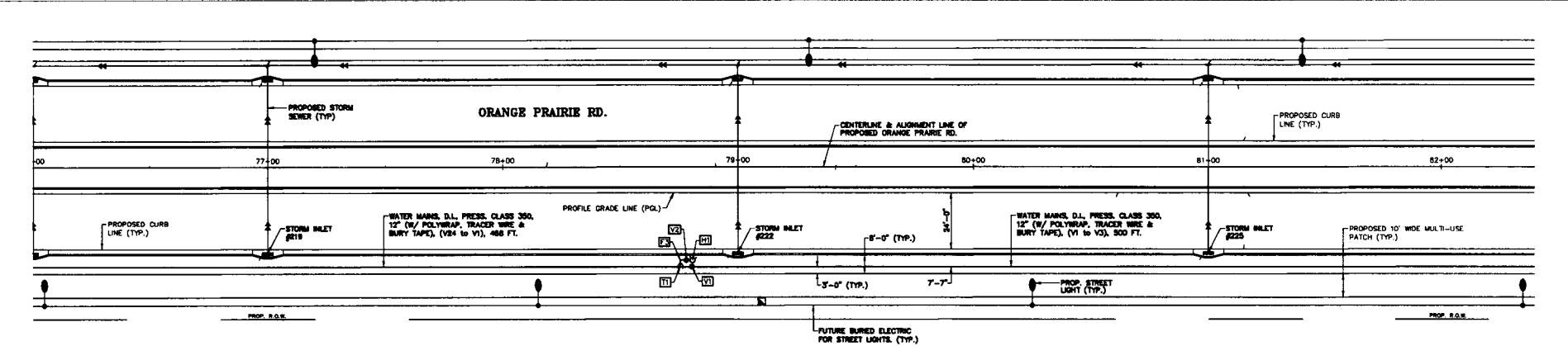
NOTE B.
THE EXISTING 12" WATER MAIN AT EXH1 HAS AN AS-BUILT DEPTH OF 48.5' BELOW EXISTING GRADE AS SHOWN ON THE CONSTRUCTION PLANS. CONTRACTOR TO BRING THE MAIN UP TO I.A.W.C. STANDARD DEPTH AS NOTED.

* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.

THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED EASTERLY TOP OF CURB. THE PROPOSED TOP OF CURB PROFILE IS NOTED, AND WAS CALCULATED USING FARNBORTH SCOUR PROFILE GROUND LINE (P.G.L.) FROM RT. STA. 74+00 TO RT. STA. 98+00 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

<p>ILLINOIS AMERICAN WATER CO.</p>		<p>ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS</p>	
DATE	REMARKS	ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 7540 N. KALAMAZOO RD., PEORIA, IL 61615	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS 12300E HWY. 141-001140 ELKHORN	
		PLAN & PROFILE SHEET	
		DATE: 1/29/13	SCALE: 3" = 16'



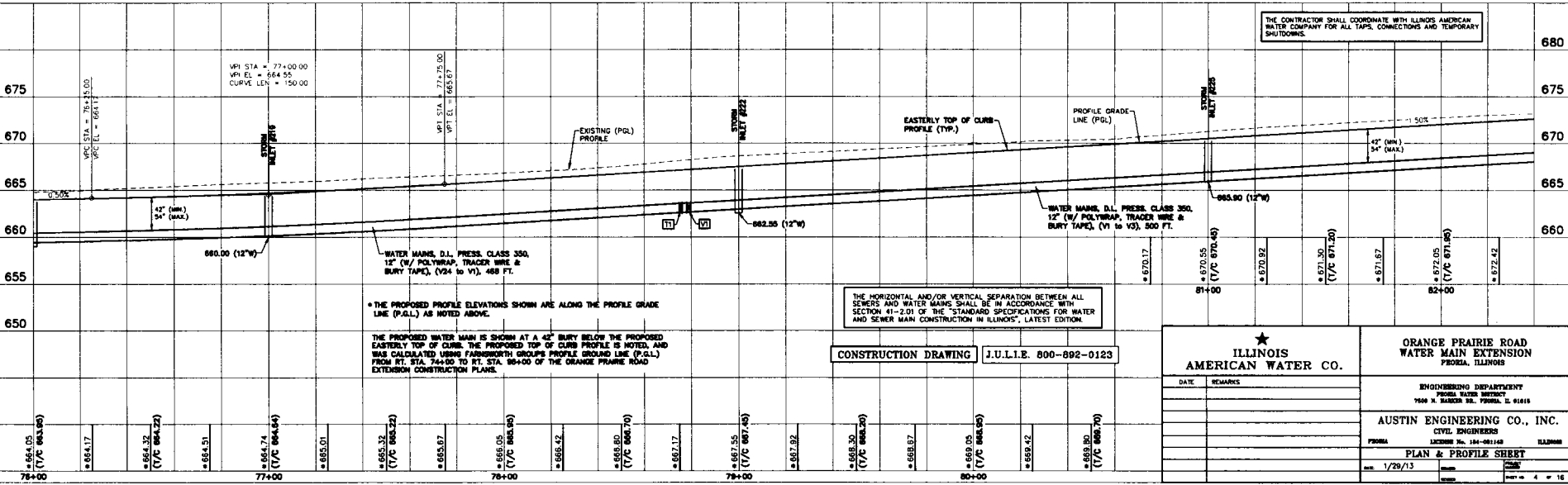
- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., PRESS. CLASS 350, 12" (18' POLYPROP. TRACER WIRE & BURY TAPE), (V24 to V1), 488 FT.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OF ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD. NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V1	14J GATE VALVE & BOX, 12"	-	-
V2	14J GATE VALVE & BOX, 8"	-	-
T1	14J TEE, 12" x 8"	-	-
F3	14J 90° ELBOW, 8"	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UNI-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.
 THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
H1	MUELLER HYDRANT, 8"	-	-

SCALES:
 1" = 20' HOR
 1" = 5' VER



* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.

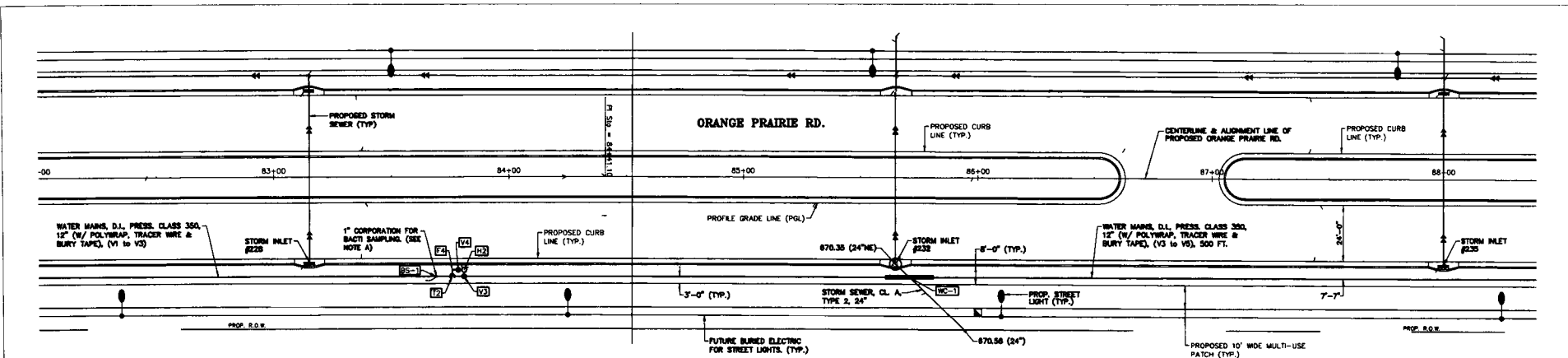
THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED EASTERLY TOP OF CURB. THE PROPOSED TOP OF CURB PROFILE IS NOTED, AND WAS CALCULATED USING FARMINGTON GROUP'S PROFILE GROUND LINE (P.G.L.) FROM RT. STA. 74+00 TO RT. STA. 86+00 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOENS.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

<p>ILLINOIS AMERICAN WATER CO.</p>		<p>ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS</p>	
		<p>ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 1508 N. BUCKLE RD., PEORIA, IL 61616</p>	
<p>DATE: _____</p> <p>REMARKS: _____</p>		<p>AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE NO. 184-081149 ILLINOIS</p>	
<p>PLAN & PROFILE SHEET</p>		<p>DATE: 1/29/13</p>	



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., 360, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD. NUMBER	WATER MAIN CROSSINGS AT STORM & SANITARY SEWERS	ENCASED	ENCASEMENT LENGTH	SEPARATION	NORTHING	EASTING
WC-1	ABOVE PROPOSED 24" STORM SEWER	YES	20 FT.	<1'	-	-

LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
H2	MUELLER HYDRANT, 8"	-	-

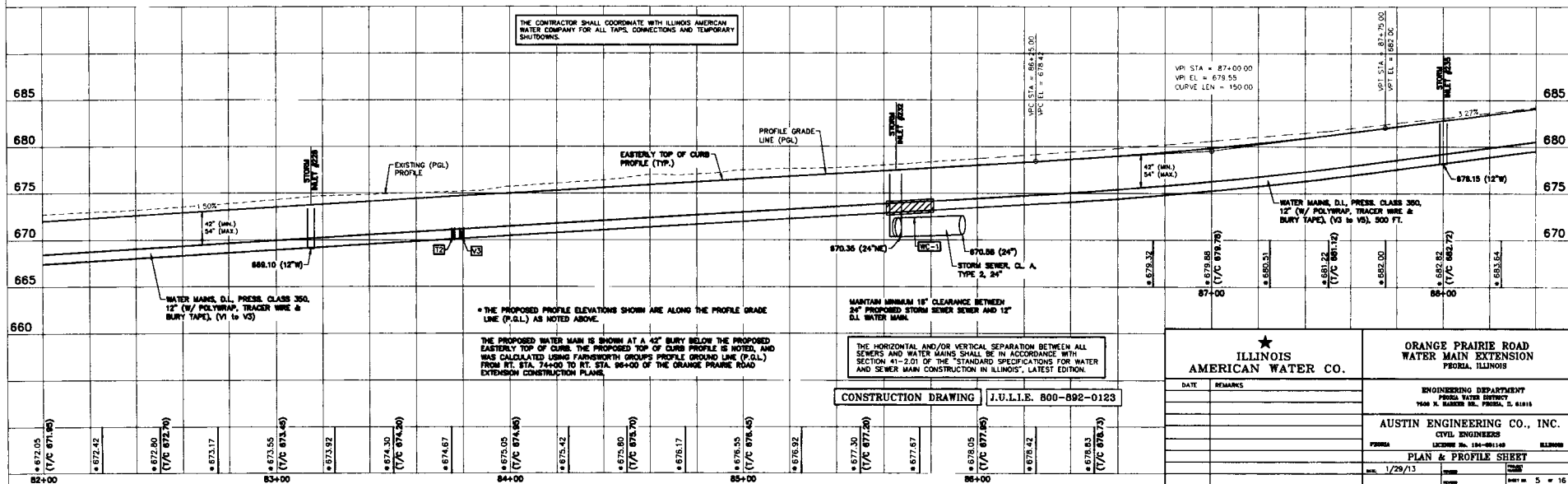
NOTE A:

THE CONTRACTOR SHALL INSTALL A 1" COPORATION AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE, AND STAY OUT A CORRUPTED PIECE OF 1" COPOR. THIS WORK INCLUDES ALL LINES, EQUIPMENT, AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATIONS OF THE COPORATIONS SHALL BE NOTED ON THE AS-BUILT PLANS, AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

LD. NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V3	1 1/2" GATE VALVE & BOX, 12"	-	-
V4	1 1/2" GATE VALVE & BOX, 8"	-	-
T2	1 1/2" MAI TEE, 12" x 8"	-	-
F4	1 1/2" MAI HO' ELBOW, 8"	-	-
ES-1	BACTI SAMPLING COPORATION, 1" (I.A.W.C. STD.)	-	-

RESTRAINED JOINTS SHALL BE FIELD LOK OR LOK-PLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS. THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURERS RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

SCALES:
1" = 20' HOR
1" = 3' VER



THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOWNS.

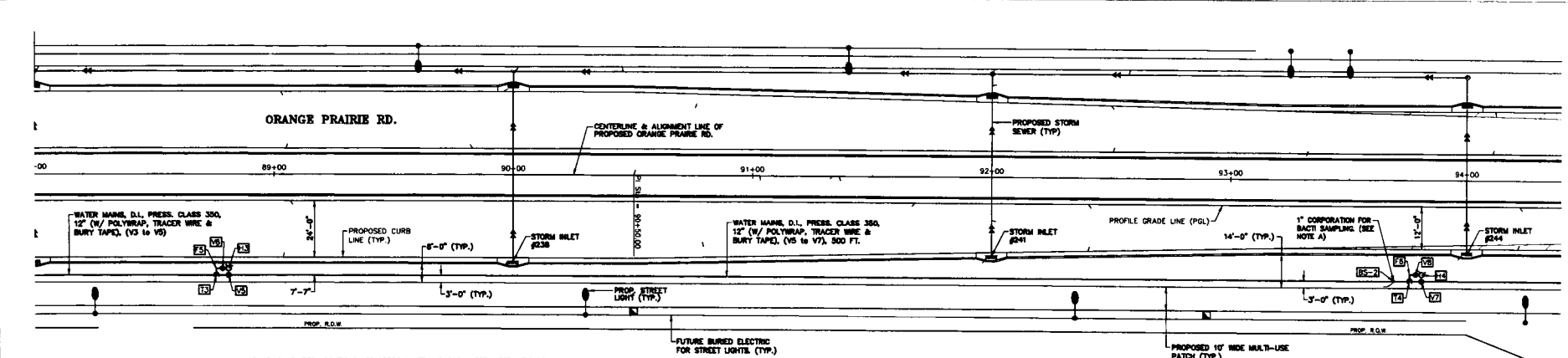
THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED EASTERLY TOP OF CURB. THE PROPOSED TOP OF CURB PROFILE IS NOTED, AND WAS CALCULATED USING FARNWORTH GROUP'S PROFILE GROUND LINE (P.G.L.) FROM RT. STA. 74+00 TO RT. STA. 86+00 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

MAINTAIN MINIMUM 18" CLEARANCE BETWEEN 24" PROPOSED STORM SEWER AND 12" D.I. WATER MAIN.

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
DATE	REMARKS	ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 1500 N. HANCOCK ST., PEORIA, IL, 61616	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS LICENSE NO. 124-001140 ILLINOIS	
		PLAN & PROFILE SHEET	
		SHEET NO. 5 OF 16	



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 300, 12\"/>
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

* WATER MAIN FITTINGS		NORTHING	EASTING
V5	MJ GATE VALVE & BOX, 12"	-	-
V6	MJ GATE VALVE & BOX, 8"	-	-
V7	MJ GATE VALVE & BOX, 12"	-	-
V8	MJ GATE VALVE & BOX, 8"	-	-
T3	MJ TEE, 12" x 8"	-	-
T4	MJ TEE, 12" x 8"	-	-
F5	MJ 90° ELBOW, 8"	-	-
F6	MJ 90° ELBOW, 8"	-	-
BS-2	BACTI SAMPLING CORPORATION, 1" (I.A.W.C. STD.)	-	-

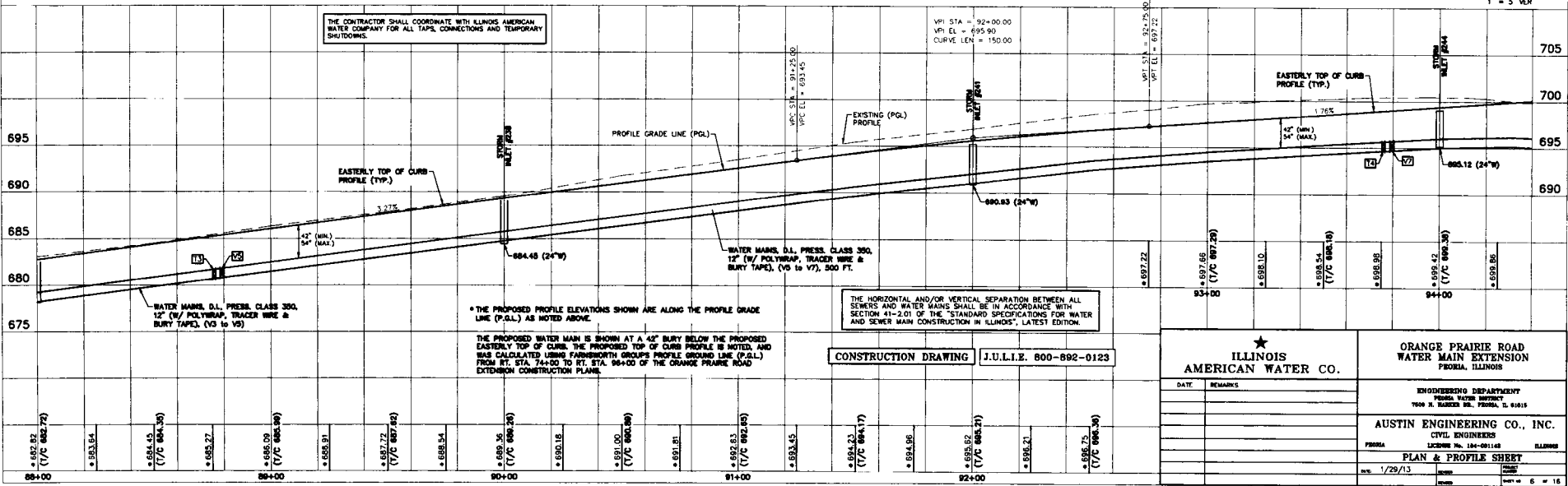
FIRE HYDRANT		NORTHING	EASTING
H3	MUELLER HYDRANT, 8"	-	-
H4	MUELLER HYDRANT, 8"	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UNW-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.

THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

NOTE A:
 THE CONTRACTOR SHALL INSTALL A 1" COPPER AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE, AND STUB OUT A CRIMPED PIECE OF 1" COPPER. THIS WORK INCLUDES ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE BACTI SAMPLING. THE LOCATIONS OF THE COPPERATIONS SHALL BE NOTED ON THE AS-BUILT PLANS AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

1" = 20' HOR
 1" = 5' VER



THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOWNS.

VPI STA = 92+00.00
 VPI EL = 695.90
 CURVE LEN = 150.00

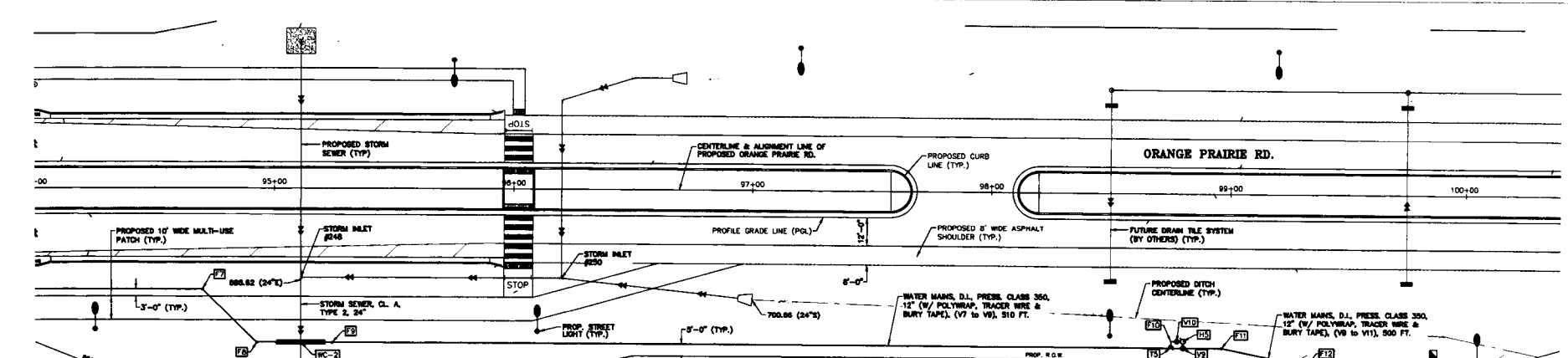
THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.

THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED EASTERLY TOP OF CURB. THE PROPOSED TOP OF CURB PROFILE IS NOTED, AND WAS CALCULATED USING FURNISHMENTS GROUPS PROFILE GROUND LINE (P.G.L.) FROM RT. STA. 74+00 TO RT. STA. 96+00 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
DATE	REVISIONS	ENGINEERING DEPARTMENT PEORIA WATER DEPARTMENT 7000 N. BARKER DR., PEORIA, IL 61615	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE NO. 104-091148 ILLINOIS	
		PLAN & PROFILE SHEET	
DATE	ISSUED	DATE	REVISION
1/29/13			



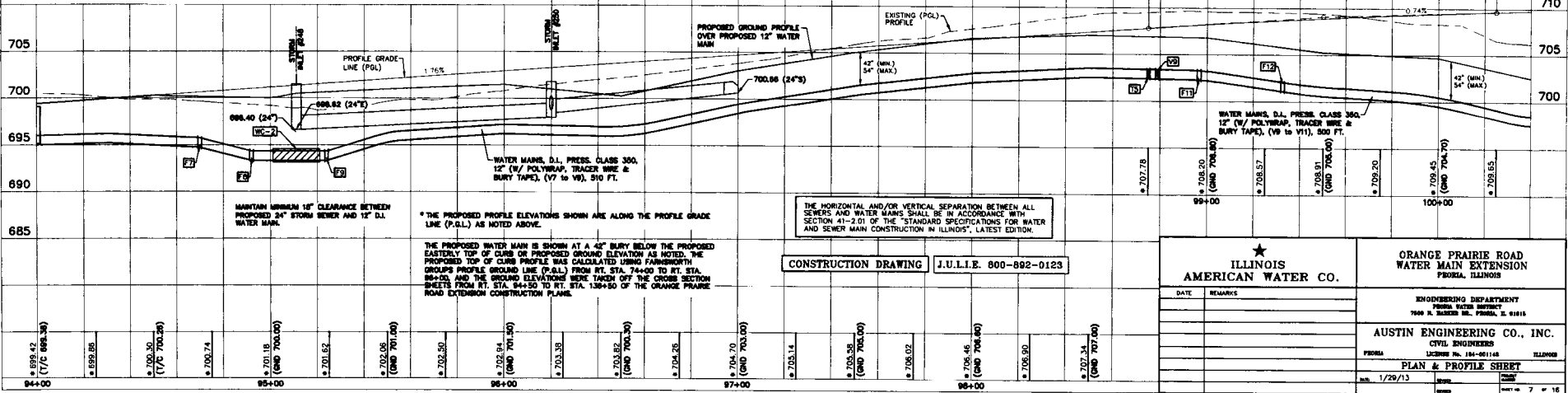
LD NUMBER	* WATER MAIN FITTINGS	NORTHING	EASTING
V9	MJ GATE VALVE & BOX, 12"	-	-
V10	MJ GATE VALVE & BOX, 6"	-	-
T8	MJTEE, 12" x 8"	-	-
F7	MJ 45° ELBOW, 12"	-	-
F8	MJ 45° ELBOW, 12"	-	-
F9	MJ 22.5° ELBOW, 12"	-	-
F10	MJ 90° ELBOW, 8"	-	-
F11	MJ 11.25° ELBOW, 12"	-	-
F12	MJ 11.25° ELBOW, 12"	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UNB-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS. THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURERS RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

LD NUMBER	FIRE HYDRANT	NORTHING	EASTING
H3	MUELLER HYDRANT, 6"	-	-

- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CLASS 350, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD NUMBER	WATER MAIN CROSSING AT STORM & SANITARY SEWERS	ENCASD	ENCASMENT LENGTH	SEPARATION	NORTHING	EASTING
WC-2	BELOW PROPOSED RRAP CUTALL	YES	20 FT.	>18"	-	-



MAINTAIN MINIMUM 18" CLEARANCE BETWEEN PROPOSED 24" STORM SEWER AND 12" D.I. WATER MAIN.

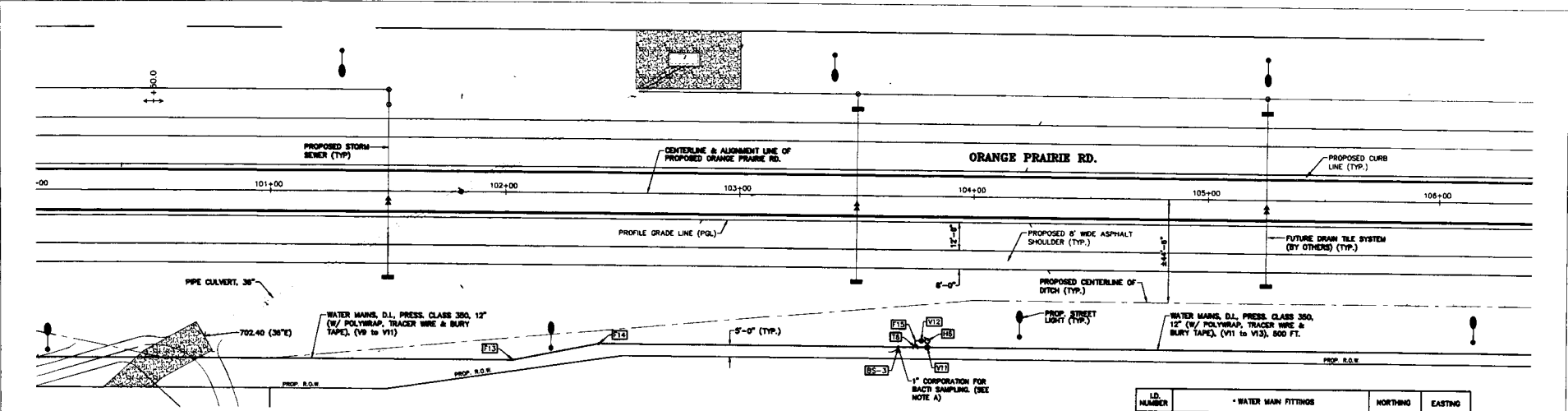
* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.

THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED EASTERLY TOP OF CURB OR PROPOSED GROUND ELEVATION AS NOTED. THE PROPOSED TOP OF CURB PROFILE WAS CALCULATED USING FAIRBANKS GROUPS PROFILE GROUND LINE (P.G.L.) FROM RT. STA. 74+00 TO RT. STA. 88+50, AND THE GROUND ELEVATIONS WERE TAKEN OFF THE CROSS SECTION SHEETS FROM RT. STA. 84+50 TO RT. STA. 138+50 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

CONSTRUCTION DRAWING I.U.L.I.E. 800-892-0123

 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
DATE	REMARKS	ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 7900 S. BARKER BL., PEORIA, IL 61615	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE NO. 184-001148 ILLINOIS	
PLAN & PROFILE SHEET			
1/29/13		7 OF 16	



NOTE A:
 THE CONTRACTOR SHALL INSTALL A 1" COPORATION AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE AND STUB OUT A DAMPED PIECE OF 1" COPOR. THIS WORK INCLUDING ALL LABOR, EQUIPMENT AND MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATION OF THE COPORATION SHALL BE NOTED ON THE AS-BUILT PLANS AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

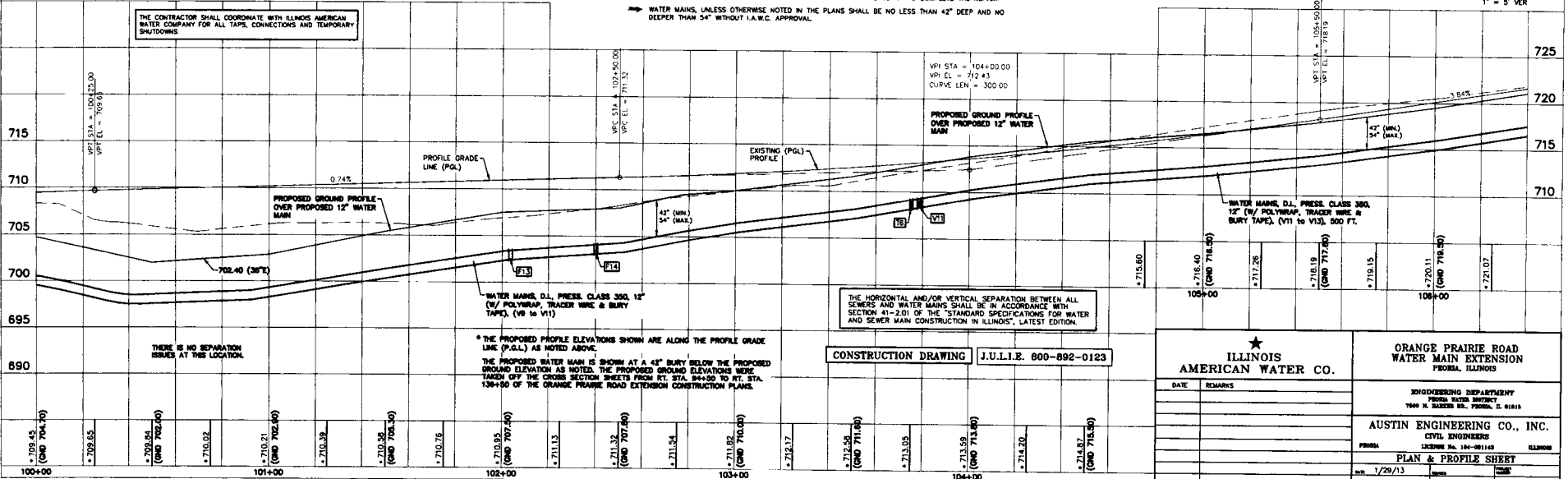
ID NUMBER	FIRE HYDRANT	NORTHING	EASTING
H8	MUELLER HYDRANT, 6"	-	-

- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, CUTTERS, CURB AND CUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTH BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 360, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

ID NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V11	MJ GATE VALVE & BOX, 12"	-	-
V12	MJ GATE VALVE & BOX, 6"	-	-
T8	MJ TEE, 12" x 6"	-	-
F13	MJ 11.25" ELBOW, 12"	-	-
F14	MJ 11.25" ELBOW, 12"	-	-
F16	MJ 6" ELBOW, 6"	-	-
BS-3	BACTI SAMPLING CORPORATION, 1" (I.A.W.C. STNG.)	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR LIM-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.
 THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

→→→→
 SCALES:
 1" = 20' HOR
 1" = 5' VER



THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOWNS

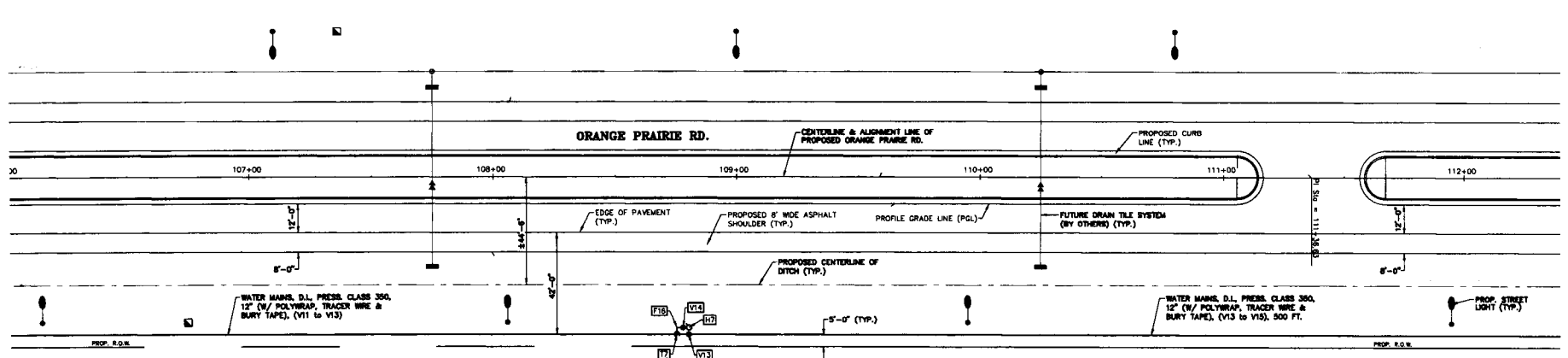
THERE IS NO SEPARATION ISSUES AT THIS LOCATION.

* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.
 THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED GROUND ELEVATION AS NOTED. THE PROPOSED GROUND ELEVATIONS WERE TAKEN OFF THE CROSS SECTION SHEETS FROM RT. STA. 84+50 TO RT. STA. 136+50 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
DATE: _____ REMARKS: _____		ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 1500 N. SACRED HE. PEORIA, IL 61611	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS LICENSE No. 124-081148 ILLINOIS	
PLAN & PROFILE SHEET			
No. 1/29/13		SHEET NO. 8 OF 18	



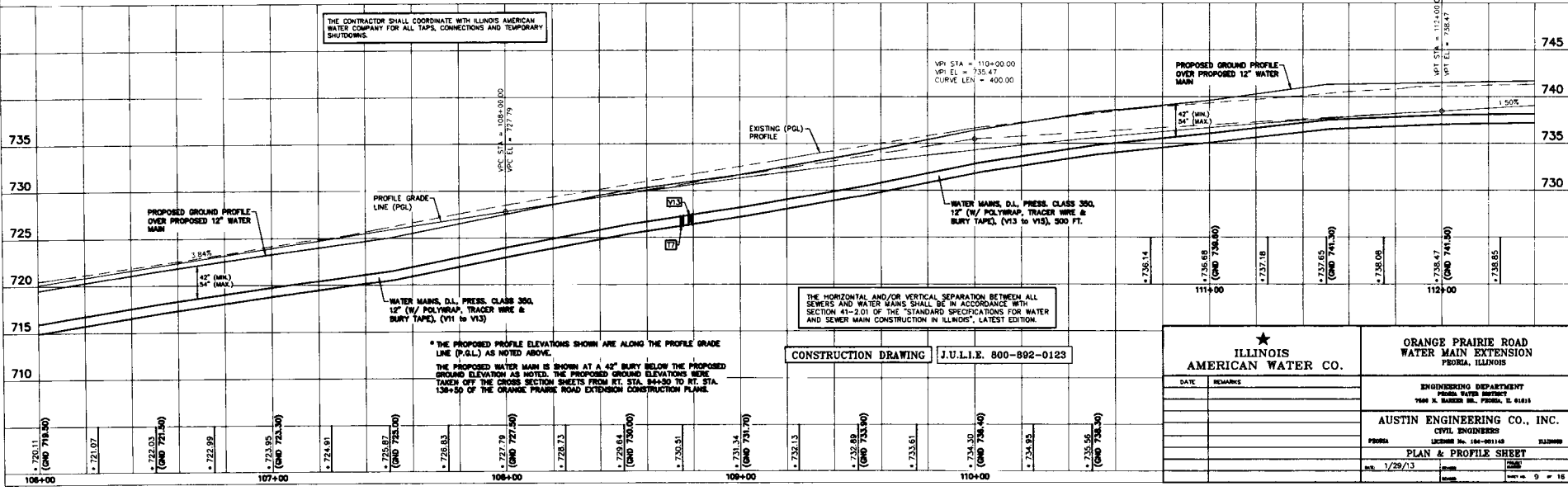
- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, OUTLETS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 350, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD. NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V13	6" GATE VALVE & BOX, 12"	-	-
V14	6" GATE VALVE & BOX, 6"	-	-
V17	6" VALVE, 12" X 6"	-	-
F18	6" ELBOW, 6"	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UNI-PLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS. THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
H7	MUELLER HYDRANT, 6"	-	-

SCALES:
1" = 20' HOR
1" = 5' VER



ILLINOIS AMERICAN WATER CO.

ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS

DATE	REMARKS

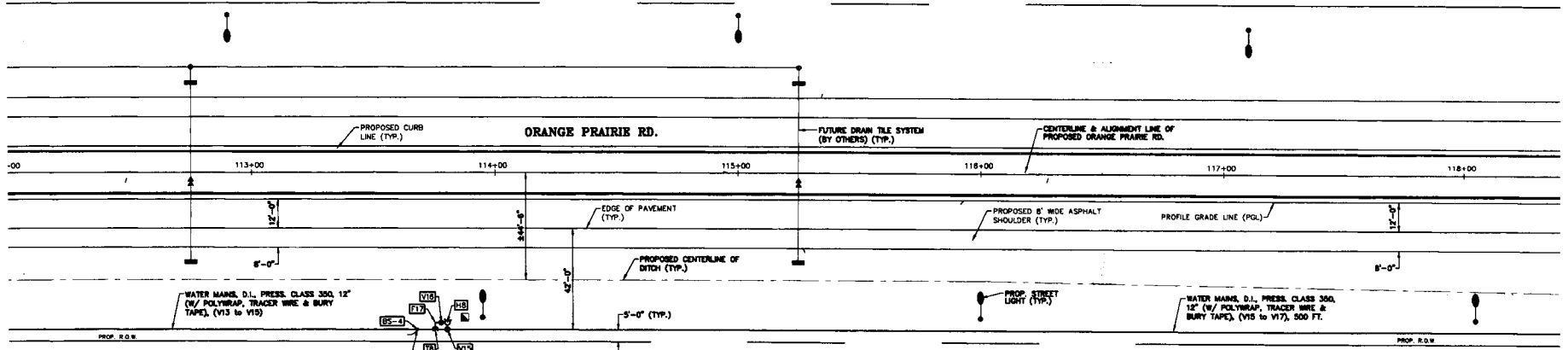
ENGINEERING DEPARTMENT
PEORIA WATER DISTRICT
1648 N. BARKER BL., PEORIA, IL 61611

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA ILLINOIS No. 184-001143 5120999
LICENSURE No. 184-001143

PLAN & PROFILE SHEET

DATE: 1/29/13

SCALE: 1" = 20' HOR, 1" = 5' VER



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 350, 12" - ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
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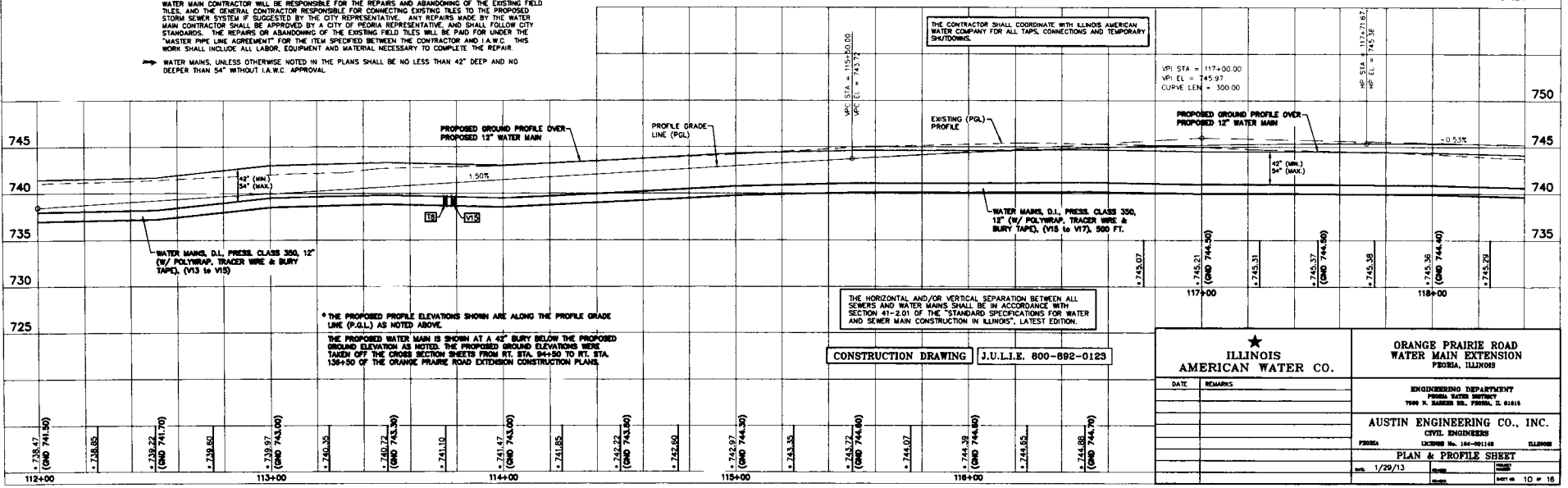
LD NUMBER	FIRE HYDRANT	NORTHING	EASTING
118	MUELLER HYDRANT, 6"		

NOTE A:
 THE CONTRACTOR SHALL INSTALL A 1" CORPORATION AND 1" POLY LINE FOR BACHI SAMPLING THE NEW MAIN. THE BACHI LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE AND STUN OUT A CRIMPED PIECE OF 1" COPPER. THIS WORK INCLUDING ALL LABOR, EQUIPMENT, AND MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATIONS OF THE CORPORATION SHALL BE NOTED ON THE AS-BUILT PLANS, AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

LD NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V15	MJ DATE VALVE & BOX, 12"		
V16	MJ DATE VALVE & BOX, 6"		
T8	MJ TEE, 12" x 6"		
F17	MJ 90° ELBOW, 6"		
BS-6	BACHI SAMPLING CORPORATION, 1" (I.A.W.C. STND.)		

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UN-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.
 THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

SCALES:
 1" = 20' HOR
 1" = 5' VER

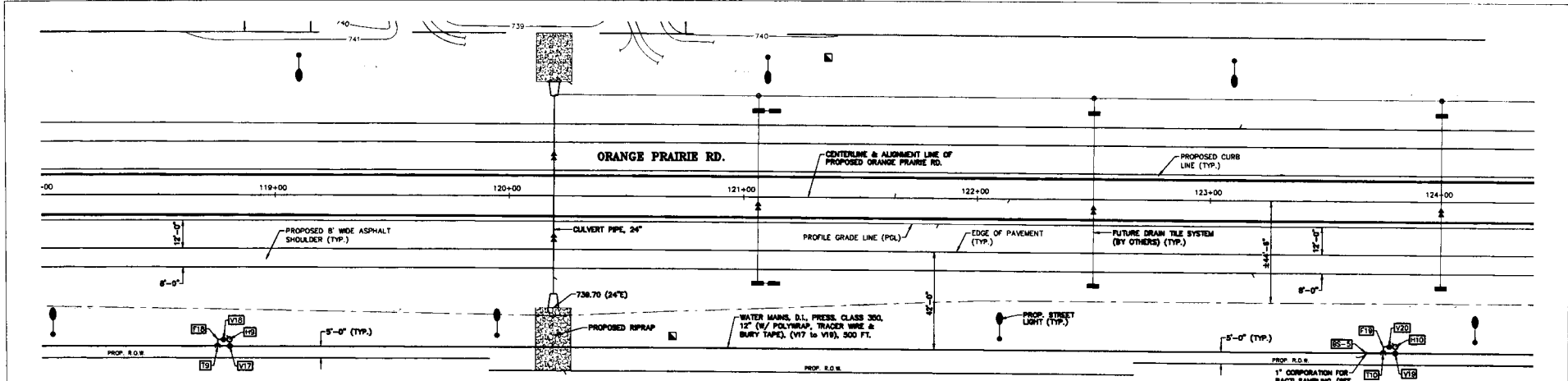


* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.
 THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED GROUND ELEVATION AS NOTED. THE PROPOSED GROUND ELEVATIONS WERE TAKEN OFF THE CROSS SECTION SHEETS FROM RT. STA. 94+50 TO RT. STA. 136+50 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-1.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

<p>ILLINOIS AMERICAN WATER CO.</p> <p>DATE: _____ REMARKS: _____</p>		<p>ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS</p>	
		<p>ENGINEERING DEPARTMENT PEORIA WATER DEPARTMENT 7000 N. HARRIS ST., PEORIA, IL 61615</p>	
<p>AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS</p>		<p>PEORIA ILLINOIS No. 184-091149 ILLINOIS</p>	
<p>PLAN & PROFILE SHEET</p>		<p>DATE: 1/29/13</p>	
<p>NO. 10 OF 16</p>		<p>DATE: _____</p>	



LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
HD	MUELLER HYDRANT, 6"	-	-
HD	MUELLER HYDRANT, 6"	-	-

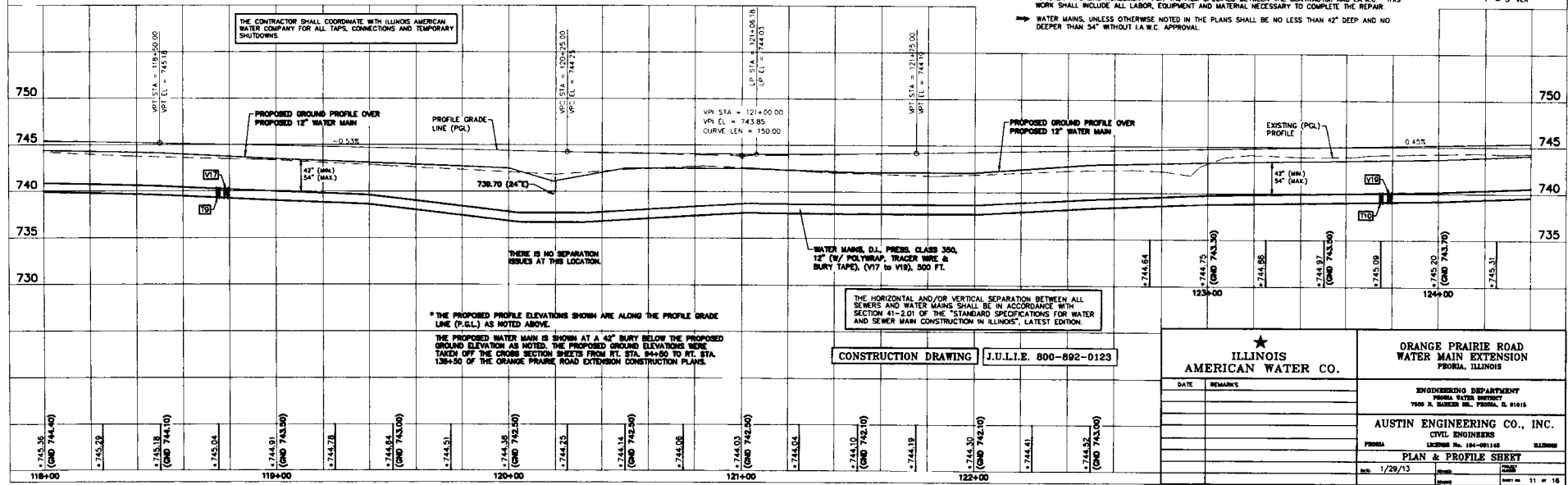
LD. NUMBER	WATER MAIN FITTINGS	NORTHING	EASTING
V17	MJ GATE VALVE & BOX, 12"	-	-
V18	MJ GATE VALVE & BOX, 6"	-	-
V19	MJ GATE VALVE & BOX, 12"	-	-
V20	MJ GATE VALVE & BOX, 6"	-	-
T9	MJ TEE, 12" x 6"	-	-
T10	MJ TEE, 12" x 6"	-	-
F18	MJ 90° ELBOW, 6"	-	-
F19	MJ 90° ELBOW, 6"	-	-
BS-5	BACTI SAMPLING CORPORATION, 1" (L.A.W.C. STD.)	-	-

NOTE A:
 THE CONTRACTOR SHALL INSTALL A 1" CORPORATION AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY L.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE FAILED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE AND STUB OUT A COMPIED PIECE OF 1" COPPER. THIS WORK INCLUDING ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATIONS OF THE CORPORATIONS SHALL BE NOTED ON THE AS-BUILT PLANS, AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY L.A.W.C.

* RESTRAINED JOINTS SHALL BE FIELD LOK OR UN-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.
 THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURERS RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

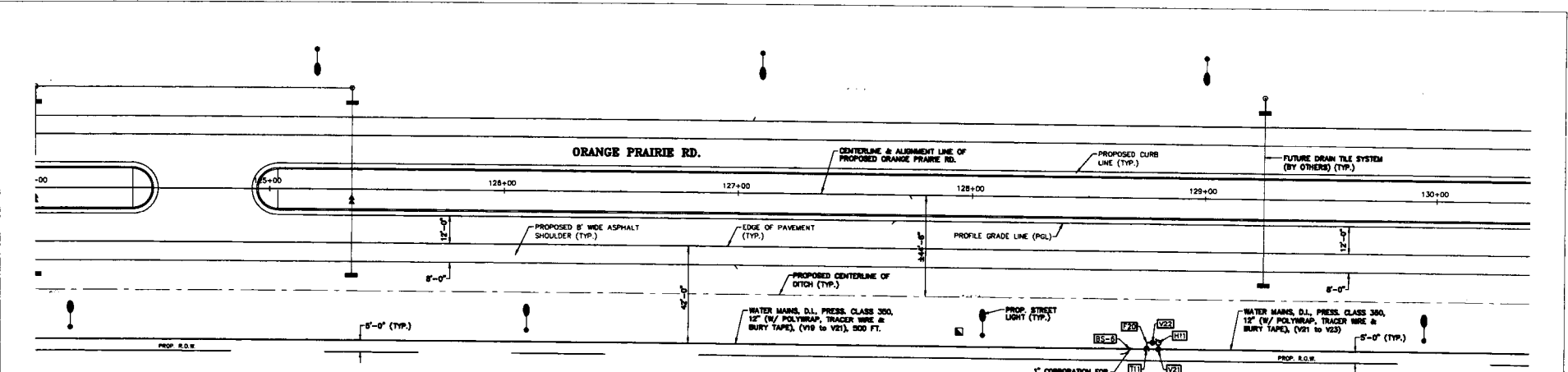
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- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, DUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 350, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND L.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT L.A.W.C. APPROVAL.

SCALES:
 1" = 20' HOR
 1" = 5' VER



CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
DATE	REMARKS	ENGINEERING DEPARTMENT	
		7000 N. BARKER BLVD., PEORIA, IL 61615	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS	
		LICENSE NO. 081-09148 ILLINOIS	
PLAN & PROFILE SHEET			
DATE	1/29/13	SCALE	AS SHOWN
			HEET NO. 11 OF 16



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
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- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
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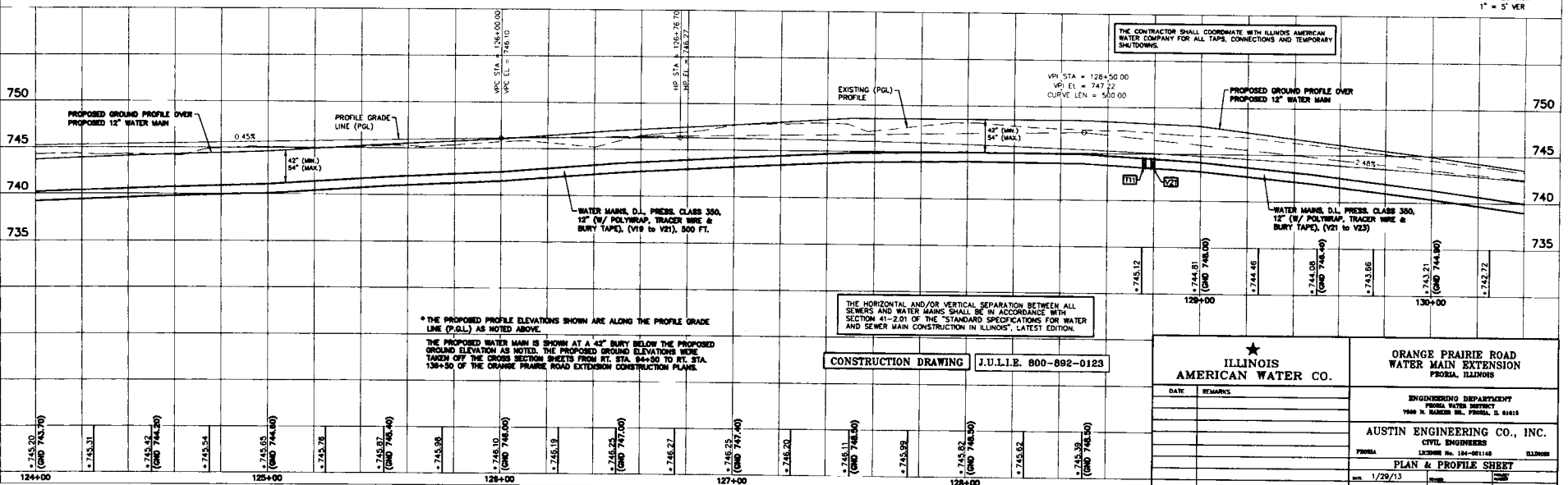
LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
V21	MUELLER HYDRANT, 6"	-	-

LD. NUMBER	* WATER MAIN FITTINGS	NORTHING	EASTING
V21	MJ GATE VALVE & BOX, 12"	-	-
V22	MJ GATE VALVE & BOX, 6"	-	-
T11	MJ TEE, 12" x 6"	-	-
F20	MJ W/ ELBOW, 6"	-	-
BS-8	BACTI SAMPLING CORPORATION, 1" (I.A.W.C. STD.)	-	-

NOTE A:
 THE CONTRACTOR SHALL INSTALL A 1" CORPORATION AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" POLY LINE OF POLY PIPE, AND STUB OUT A DRUMMED PIECE OF 1" COPPER. THIS WORK INCLUDING ALL LABOR, EQUIPMENT, AND MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATIONS OF THE CORPORATIONS SHALL BE NOTED ON THE AS-BUILT PLANS, AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

* RESTRAINED JOINTS SHALL BE FIELD LOK OR LUG-FLANGE AND USED AT ALL TEST, VALVES, AND ELBOWS.
 THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

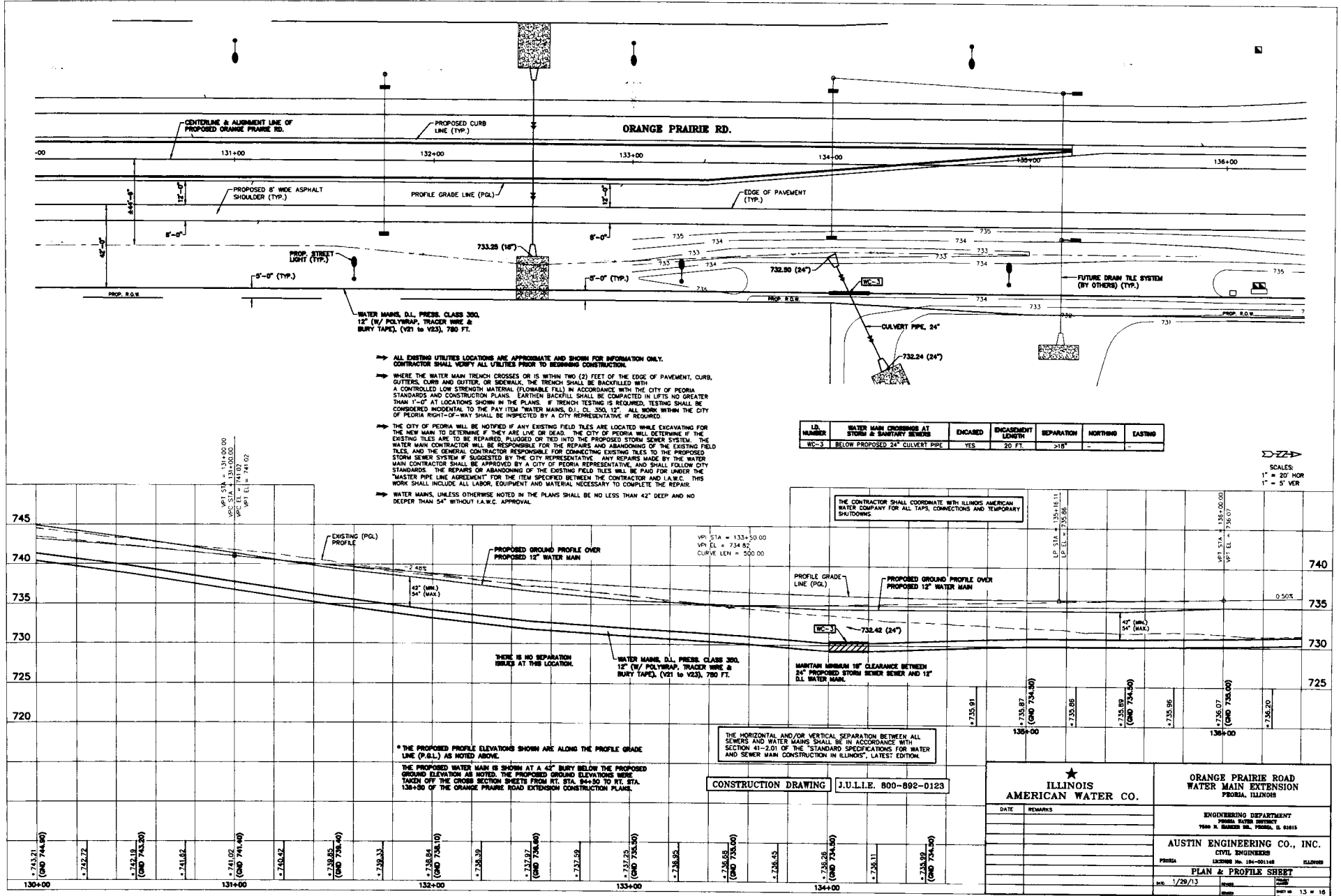
SCALES:
 1" = 20' HOR
 1" = 5' VER



* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.
 THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED GROUND ELEVATION AS NOTED. THE PROPOSED GROUND ELEVATIONS WERE TAKEN OFF THE CROSS SECTION SHEETS FROM RT. STA. 84+50 TO RT. STA. 136+50 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

CONSTRUCTION DRAWING J.U.I.L.E. 800-892-0123

ILLINOIS AMERICAN WATER CO. ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 7900 N. HAZARD BL., PEORIA, IL 61615		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS	
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA, ILLINOIS LICENSE NO. 184-001148	
DATE	REMARKS	PLAN & PROFILE SHEET DATE: 1/29/13 SHEET NO. 12 OF 16	



- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, GUTTERS, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. EARTHEN BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I. CL. 300, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OF ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

LD. NUMBER	WATER MAIN CROSSINGS AT STORM & SANITARY SEWERS	ENCASED	ENCASUREMENT LENGTH	SEPARATION	NORTHING	EASTING
WC-3	BELOW PROPOSED 24" CULVERT PIPE	YES	20 FT.	>18"	-	-

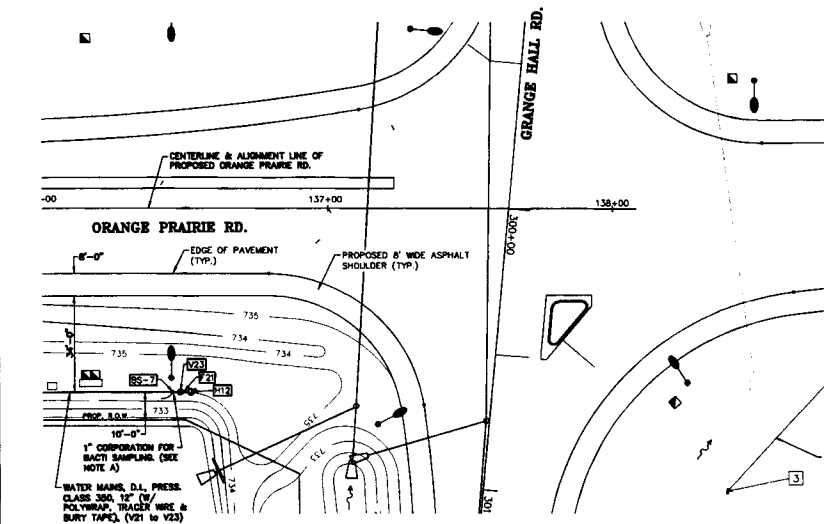
SCALES
 1" = 20' HOR
 1" = 5' VER

THE HORIZONTAL AND/OR VERTICAL SEPARATION BETWEEN ALL SEWERS AND WATER MAINS SHALL BE IN ACCORDANCE WITH SECTION 41-2.01 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

* THE PROPOSED PROFILE ELEVATIONS SHOWN ARE ALONG THE PROFILE GRADE LINE (P.G.L.) AS NOTED ABOVE.
 THE PROPOSED WATER MAIN IS SHOWN AT A 42" BURY BELOW THE PROPOSED GROUND ELEVATION AS NOTED. THE PROPOSED GROUND ELEVATIONS WERE TAKEN OFF THE CROSS SECTION SHEETS FROM RT. STA. 94+30 TO RT. STA. 138+50 OF THE ORANGE PRAIRIE ROAD EXTENSION CONSTRUCTION PLANS.

CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

<p>ILLINOIS AMERICAN WATER CO.</p>		<p>ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS</p>	
		<p>ENGINEERING DEPARTMENT PEORIA WATER DIVISION 7600 N. BANNER DR., PEORIA, IL 61615</p>	
<p>DATE</p>		<p>REMARKS</p>	
<p>AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS LICENSE No. 184-00148 ILLINOIS</p>		<p>PLAN & PROFILE SHEET No. 1/28/13</p>	



SCALES:
1" = 20' HOR
1" = 5' VER

- ALL EXISTING UTILITIES LOCATIONS ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- WHERE THE WATER MAIN TRENCH CROSSES OR IS WITHIN TWO (2) FEET OF THE EDGE OF PAVEMENT, CURB, UTILITY, CURB AND GUTTER, OR SIDEWALK, THE TRENCH SHALL BE BACKFILLED WITH A CONTROLLED LOW STRENGTH MATERIAL (FLOWABLE FILL) IN ACCORDANCE WITH THE CITY OF PEORIA STANDARDS AND CONSTRUCTION PLANS. FURTHER BACKFILL SHALL BE COMPACTED IN LIFTS NO GREATER THAN 1'-0" AT LOCATIONS SHOWN IN THE PLANS. IF TRENCH TESTING IS REQUIRED, TESTING SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "WATER MAINS, D.I., CL. 350, 12" ALL WORK WITHIN THE CITY OF PEORIA RIGHT-OF-WAY SHALL BE INSPECTED BY A CITY REPRESENTATIVE IF REQUIRED.
- THE CITY OF PEORIA WILL BE NOTIFIED IF ANY EXISTING FIELD TILES ARE LOCATED WHILE EXCAVATING FOR THE NEW MAIN TO DETERMINE IF THEY ARE LIVE OR DEAD. THE CITY OF PEORIA WILL DETERMINE IF THE EXISTING TILES ARE TO BE REPAIRED, PLUGGED OR TIED INTO THE PROPOSED STORM SEWER SYSTEM. THE WATER MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIRS AND ABANDONING OF THE EXISTING FIELD TILES, AND THE GENERAL CONTRACTOR RESPONSIBLE FOR CONNECTING EXISTING TILES TO THE PROPOSED STORM SEWER SYSTEM IF SUGGESTED BY THE CITY REPRESENTATIVE. ANY REPAIRS MADE BY THE WATER MAIN CONTRACTOR SHALL BE APPROVED BY A CITY OF PEORIA REPRESENTATIVE, AND SHALL FOLLOW CITY STANDARDS. THE REPAIRS OR ABANDONING OF THE EXISTING FIELD TILES WILL BE PAID FOR UNDER THE "MASTER PIPE LINE AGREEMENT" FOR THE ITEM SPECIFIED BETWEEN THE CONTRACTOR AND I.A.W.C. THIS WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE REPAIR.
- WATER MAINS, UNLESS OTHERWISE NOTED IN THE PLANS SHALL BE NO LESS THAN 42" DEEP AND NO DEEPER THAN 54" WITHOUT I.A.W.C. APPROVAL.

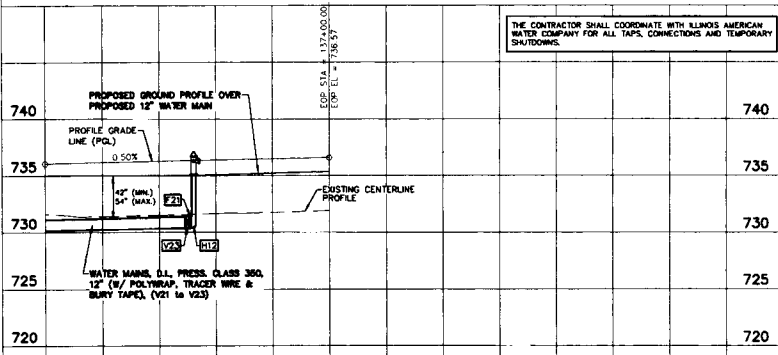
LD. NUMBER	FIRE HYDRANT	NORTHING	EASTING
V12	MUELLER HYDRANT, 6"	-	-

LD. NUMBER	* WATER MAIN FITTINGS	NORTHING	EASTING
V23	5/8" GATE VALVE & BOX, 12"	-	-
F21	5/8" REDUCER, 8" x 6"	-	-
BS-7	BACTI SAMPLING CORPORATION, 1" (I.A.W.C. STD.)	-	-

* RESTRAINED JOINTS SHALL BE FIELD LOK OR LHM-FLANGE AND USED AT ALL TEES, VALVES, AND ELBOWS.
THE CONTRACTOR SHALL INSTALL FIELD LOK GASKETS PER MANUFACTURER'S RECOMMENDATIONS BEFORE AND AFTER EACH FITTING. THE COST OF THE FIELD LOK GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR 12" WATER MAIN AS NOTED ON THE "MASTER PIPE LINE AGREEMENT".

NOTE AS:
THE CONTRACTOR SHALL INSTALL A 1" CORPORATION AND 1" POLY LINE FOR BACTI SAMPLING THE NEW MAIN. THE SAMPLE LOCATIONS TO BE APPROVED BY I.A.W.C. PRIOR TO CONSTRUCTION, AND SHALL REMAIN CLOSED AFTER TESTING AND SAMPLES HAVE PASSED. THE CONTRACTOR SHALL REMOVE THE 1" PIECE OF POLY PIPE, AND STUB OUT A CRIMPED PIECE OF 1" COPPER. THIS WORK INCLUDING ALL LABOR, EQUIPMENT, AND MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE MAIN SAMPLING. THE LOCATIONS OF THE CORPORATIONS SHALL BE NOTED ON THE AS-BUILT PLANS, AND MAY BE USED AS FUTURE SERVICES IF APPROVED BY I.A.W.C.

THE CONTRACTOR SHALL COORDINATE WITH ILLINOIS AMERICAN WATER COMPANY FOR ALL TAPS, CONNECTIONS AND TEMPORARY SHUTDOWNS.



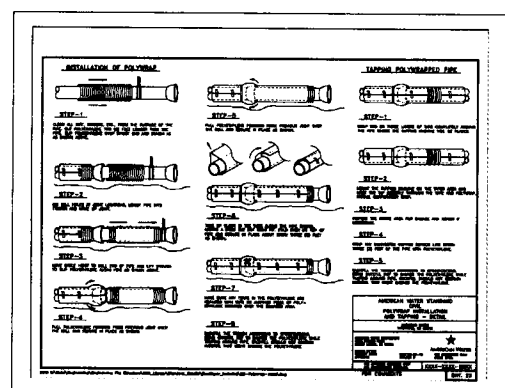
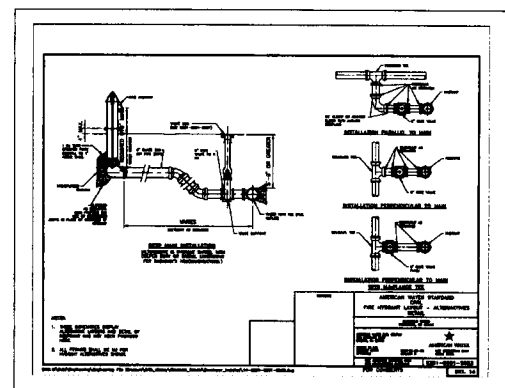
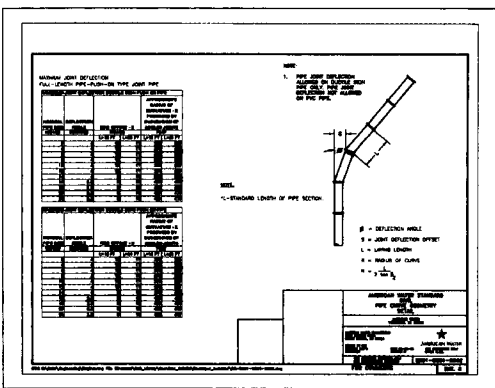
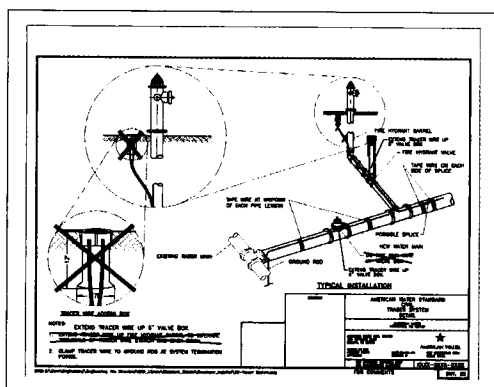
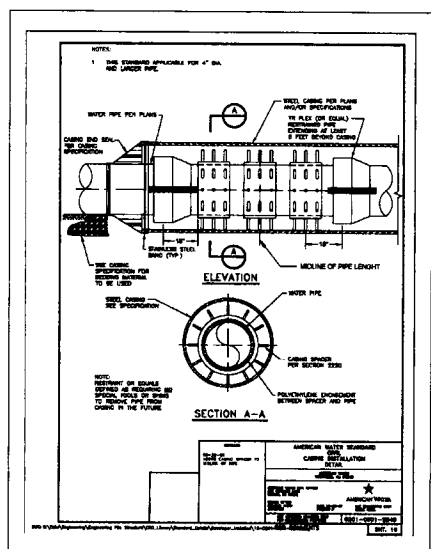
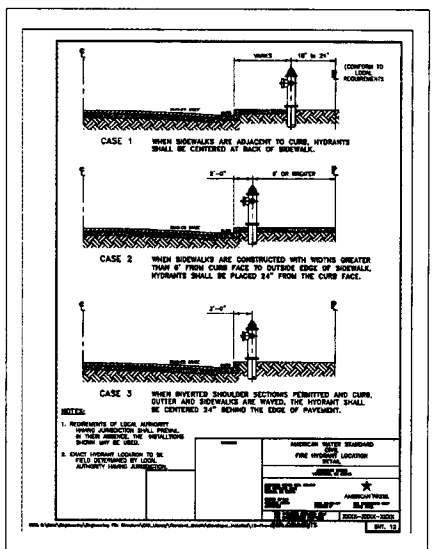
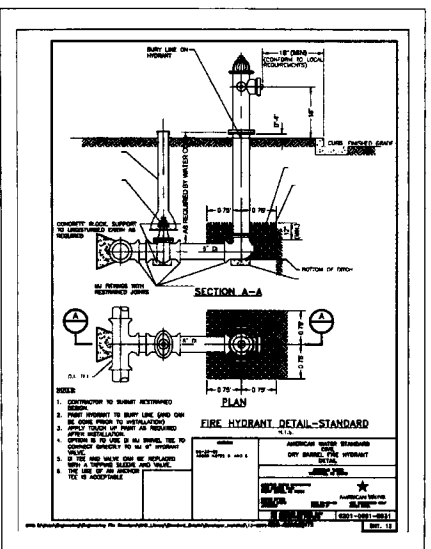
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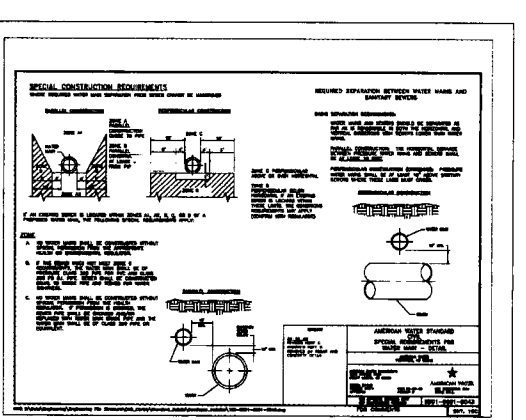
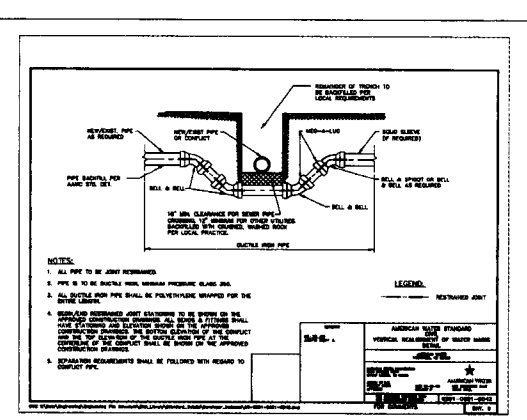
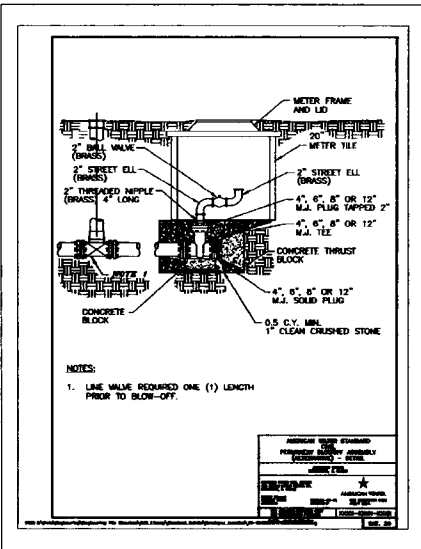
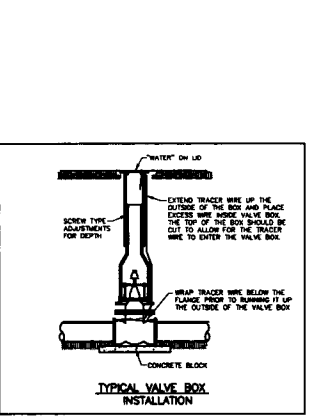
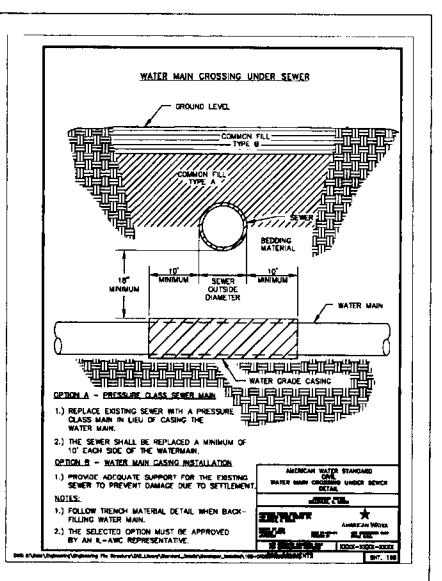
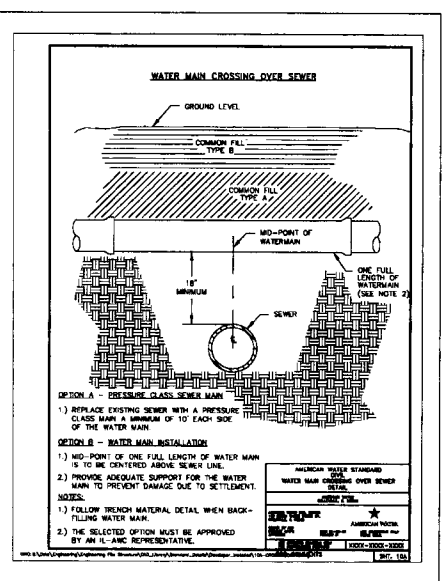
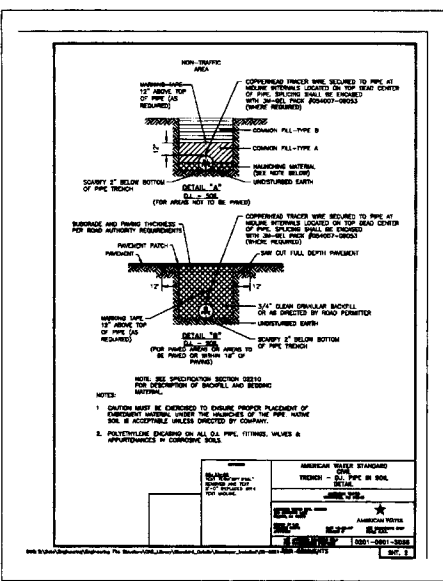
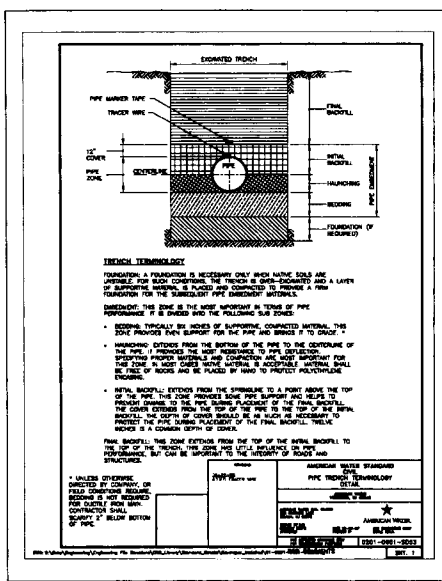
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CONSTRUCTION DRAWING J.U.L.I.E. 800-892-0123

<p>ILLINOIS AMERICAN WATER CO.</p>		<p>ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PEORIA, ILLINOIS</p>	
		<p>ENGINEERING DEPARTMENT PEORIA WATER DISTRICT 7500 N. BARKER RD., PEORIA, IL 61615</p>	
<p>DATE: _____</p>		<p>AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE NO. 184-091148 ILL20008</p>	
<p>PLANNED BY: _____</p>		<p>PLAN & PROFILE SHEET</p>	
<p>DESIGNED BY: _____</p>		<p>DATE: 1/29/13</p>	
<p>CHECKED BY: _____</p>		<p>SHEET NO. 14 OF 16</p>	



 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PROLOGIA, ILLINOIS
DATE	REMARKS	ENGINEERING DEPARTMENT 7800 N. BARKER BLVD., PROLOGIA, IL 61810
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PROLOGIA, ILLINOIS
		DETAIL SHEET
DATE	BY	1/29/13 DATE DRAWN
		SHEET NO. 15 OF 18



 ILLINOIS AMERICAN WATER CO.		ORANGE PRAIRIE ROAD WATER MAIN EXTENSION PRORIA, ILLINOIS
DATE	REMARKS	ENGINEERING DEPARTMENT 7000 N. BARKER DR., PRORIA, IL 61015
		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PRORIA, ILLINOIS LICENSE NO. 104-081148 ILL2008
		DETAIL SHEET
REV. 1/29/13		SHEET NO. 16 OF 16

CONSTRUCTION AGREEMENT

EXHIBIT B

Modified Certificated Area

