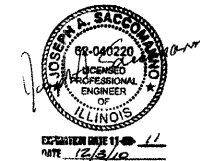


**WATERMAIN GENERAL NOTES:**

1. ALL VALVES AND FIRE HYDRANTS SHALL ONLY BE OPERATED BY A CITY OF WHEATON WATER DEPARTMENT REPRESENTATIVE.
2. WORK SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, 6TH EDITION DATED JULY 2009. 48 HOUR ADVANCE NOTICE MUST BE GIVEN TO ALL CONSUMERS AFFECTED BY CHANGES IN WATER SERVICE AND THE CITY OF WHEATON. THE CITY OF WHEATON WILL BE PROVIDED COPIES OF THE WRITTEN NOTIFICATION FOR THEIR APPROVAL PRIOR TO DISTRIBUTION.
3. WHEN WATER MAIN CONSTRUCTION REQUIRES SHUTTING DOWN WATER SERVICE CONTRACTOR WILL WORK CONTINUOUSLY UNTIL WATER SERVICE IS RESTORED.
4. LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEE.
5. IF NEW WATER MAIN CONFLICTS WITH EXISTING MAIN, CONTRACTOR MUST TEMPORARILY RELOCATE EXISTING MAIN.
6. TEST PITS MUST BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
7. IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND MUST REMAIN IN PLACE, THE CONTRACTOR MUST PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
8. PROVIDE EROSION CONTROL AS DIRECTED BY THE ENGINEER.
9. WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM IS CONSIDERED INCIDENTAL TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE ENGINEER DUE TO FIELD CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE ENGINEER.
11. THE CONTRACTOR MUST PROVIDE THRUST RESTRAINTS IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONTRACTOR MUST FURNISH AND INSTALL MECHANICAL JOINT (MEGALUGS) AT ALL FITTINGS AND MECHANICAL JOINTS.
12. IF A STANDARD MECHANICAL JOINT SLEEVE DOES NOT FIT TO MAKE CONNECTION OF THE NEW PIPE TO THE EXISTING PIPE, A TRANSITION SLEEVE MUST BE USED. NO GRINDING OF THE EXISTING PIPE IS PERMITTED.
13. SWAB PIPE AND FITTINGS THAT WILL NOT BE PRESSURE TESTED OR CHLORINATE WITH CHLORINE SOLUTION DURING INSTALLATION AND USE EXTRA PRECAUTION TO PREVENT SOIL AND DEBRIS FROM ENTERING THE PIPE. INCORPORATE UNTESTED PIPE INTO THE FLUSHING ROUTINE WHEN POSSIBLE. WHEN CONNECTING NEW PIPE TO THE EXISTING WATER SYSTEM, USE OPERATING PRESSURE TO VISUALLY INSPECT FOR LEAKS. WHEN FEASIBLE, PERFORM INSPECTION PRIOR TO BACK FILLING.
14. DE-CHLORINATION OF CHLORINATED WATER IS REQUIRED. THE CONTRACTOR OR SUBCONTRACTED CHLORINATOR SHALL DE-CHLORINATED PER ANSI/AWWA STANDARD C651-05. THE CHLORINE LEVEL MUST BE BROUGHT TO POTABLE WATER LEVELS.
15. ALL WATER PIPE SHALL BE BELL AND SPIGOT JOINT DUCTILE IRON PIPE AND SHALL BE IN ACCORDANCE WITH THE WATER MAIN SPECIFICATIONS EXCEPT AT FITTINGS.
16. THE CONSTRUCTION NOTES FOR THE PROPOSED WATER MAIN PROVIDE A SUGGESTED METHOD OF CONSTRUCTION SEQUENCING. THIS SEQUENCING WILL BE USED UNLESS CHANGES ARE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO WATER MAIN INSTALLATION.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER SERVICES AND FIRE PROTECTION SERVICE DURING CONSTRUCTION. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT.
18. EXISTING UTILITY CONFLICTS ARE SCHEDULED TO BE RESOLVED PRIOR TO WATER MAIN CONSTRUCTION. HOWEVER, THIS MAY NOT HAVE OCCURRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL UTILITIES HAVE BEEN RELOCATED.
19. ALL ELEVATIONS PLACED IN THE WATER MAIN CONSTRUCTION NOTES ARE PROPOSED ELEVATIONS. WATER MAIN SHALL HAVE A MINIMUM OF 5' - 6" OF COVER.
20. THE CONTRACTOR SHALL AT THE END OF EACH DAY AND DURING PLACEMENT OF PIPE, INSTALL A WATER-TIGHT NIGHT PLUG. ALL WATER MAIN PIPE STUBBED FOR FUTURE CONNECTION SHALL HAVE A MJ CAP WITH 2" CORPORATION STOP AND 2" LINE FOR PRESSURE AND BACTERIAL TESTING AND THIS IS INCIDENTAL TO THE COST OF THE PROJECT.
21. THE CONTRACTOR SHALL PROVIDE IDOT AND THE CITY OF WHEATON WITH TWO COPIES OF A RED LINE MARK UP RECORD DRAWING OF THE WATER MAIN INSTALLATION AND ANY DESIGN CHANGES WHEN HAVE BEEN MADE. THE DRAWING SHALL NOTE EXACT LOCATION OF WATER MAIN, VALVES, FITTINGS, CONNECTIONS TO EXISTING WATER MAINS AND SERVICES AND ANY SPECIAL INSTALLATIONS. LOCATIONS SHALL BE REFERENCES TO ROADWAY RIGHT-OF-WAY LINES. DEPTH OF COVER WHEREVER IT VARIES FROM STANDARD SHALL ALSO BE INDICATED. THE RECORD DRAWING SHALL BE SIGNED AND DATED BY THE CONTRACTOR'S PROJECT MANAGER.
22. ALL REFERENCES TO "ENGINEER" IN THESE GENERAL NOTES REFER TO THE RESIDENT ENGINEER ON THIS PROJECT.
23. ALL REFERENCES TO "SPECIFICATION" IN THESE GENERAL NOTES REFER TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, 6TH EDITION DATED JULY 2009 AND THE SPECIAL PROVISIONS.
24. EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS.
25. CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES.
27. COORDINATE WATER MAIN CONSTRUCTION WITH THE CITY OF WHEATON.
28. ALL WATER MAINS AND FITTINGS SHALL BE ENCASED WITH CLASS C, BLACK OR CLEAR, 8 MILS THICK, LINEAR LOW DENSITY POLYETHYLENE WRAP, SECURED WITH POLYETHYLENE TAPE.
29. SERVICE SADDLES ARE TO BE USED FOR INSTALLATION OF 1 1/4" OR GREATER SERVICE CONNECTIONS.
30. A 5' PIECE OF PIPE WILL BE INSTALLED BETWEEN TEES AND VALVES.
31. CONDITIONS IN THE FIELD MAY REQUIRE WATERMAIN ADJUSTMENTS TO AVOID CONFLICTS. A PAY ITEM HAS BEEN INCLUDED IN THE PLAN FOR ADDITIONAL FITTINGS TO FACILITATE THIS WORK. WORK SHALL COMPLY WITH IEPA REQUIREMENTS.



FILE NAME =	DESIGNED - JMM	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATERMAIN GENERAL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - TMB	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	285			
USER NAME = #USER#	CHECKED - RMT	REVISED -			SCALE: NTS SHEET NO. 1 OF 11 SHEETS STA. TO STA.					CONTRACT NO. 62419		
PLOT DATE = #DATE#	DATE - 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT							