






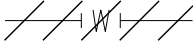


GENERAL NOTES

1. FOR PROPOSED LIGHTING INFORMATION, SEE LIGHTING PLANS.
2. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLAN/PROFILE.
3. SEE REMOVAL PLANS FOR REMOVAL OF EXISTING WATER MAIN ITEMS.
4. FOR SANITARY SEWER INFORMATION, SEE SANITARY PLAN/PROFILE.
5. SEE REMOVAL PLANS FOR FIRE HYDRANTS TO BE MOVED, RELOCATED OR REMOVED.
6. SEE IDOT STANDARD 000001-06 FOR DEFINITION OF ADDITIONAL SYMBOLS.
7. ALL FITTINGS, STOPS, VALVES, & PIPE SHALL BE WRAPPED WITH POLYETHYLENE ENCASEMENT. SEE WATER MAIN DETAILS.
8. WATER MAIN JOINTS SHALL BE PUSH-ON RUBBER GASKET JOINTS EXCEPT AT VALVE, SLEEVE AND FITTING LOCATIONS. MECHANICAL JOINTS SHALL BE USED AT VALVE, SLEEVE, AND FITTING LOCATIONS AS INDICATED IN THE STANDARD DRAWING DETAILS.
9. CONCRETE THRUST BLOCKS SHALL BE USED TO PREVENT MOVEMENT OF THE WATER MAIN SYSTEM. CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED AT EACH BEND, TEE, CAP, VALVE AND HYDRANT. SEE CITY OF NAPERVILLE STANDARD DETAIL 6 "THRUST BLOCK INSTALLATION."
10. WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, TIED JOINTS OR RESTRAINED JOINTS IN ACCORDANCE WITH THE SPECIAL PROVISIONS SHALL BE USED. TIED OR RESTRAINED JOINTS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE COST OF CONCRETE THRUST BLOCKS.
11. CUT AND CAP EXISTING WATER MAIN SHALL NOT BE PAID FOR SEPARATELY BUT IS INCLUDED WITH ABANDON EXISTING WATER MAIN, FILL WITH CLSM.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE RECORD DRAWINGS WITH SURVEYED GPS COORDINATES AND ELEVATIONS FOR ALL STRUCTURES INSTALLED INCLUDING VALVE VAULTS, FIRE HYDRANTS, DOMESTIC WATER SERVICE BOXES, AND MANHOLES. THE COORDINATES SHALL CONFORM TO THE PROJECT DATUM DEFINED IN THE ALIGNMENT, BENCHMARK AND TIES PLANS. ACTUAL INSTALLED ELEVATIONS AND LOCATIONS OF BENDS AND FITTINGS SHALL BE DETERMINED AND RECORDED ON THE RECORD DRAWINGS. LOCATIONS FOR BENDS SHALL HAVE ONE MEASUREMENT ALONG THE CENTERLINE OF THE WATER MAIN OR ELECTRIC DUCT BANK AND A MINIMUM OF ONE ADDITIONAL MEASUREMENT FROM ANOTHER FIXED POINT. TOP OF PIPE ELEVATIONS OF ALL UTILITIES OR CASING PIPE AT PROPOSED CROSSINGS SHALL BE SHOWN ON THE RECORD DRAWINGS. ALL DEVIATIONS FROM THE PROPOSED PLAN SHALL ALSO BE NOTED WITHIN THE RECORD DRAWINGS. DIMENSIONS SHALL BE RECORDED ON THE RECORD DRAWINGS. RECORD DRAWINGS SHALL BE KEPT UP TO DATE THROUGHOUT THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DUCTILE IRON WATER MAIN PAY ITEMS.
13. VAULTS SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS CONFORMING TO ASTM C-478 AND IN ACCORDANCE TO THE DETAIL PROVIDED. ITS FRAME AND LID SHALL BE AS INDICATED IN THE PLAN DETAILS. SEE STANDARD DRAWINGS FOR FURTHER INFORMATION.
14. WHEN CONNECTING TO AN EXISTING LINE, WORK MUST BE COORDINATED WITH THE MUNICIPALITY'S DEPARTMENT OF PUBLIC UTILITIES WITH 48 HOURS NOTICE (630)-420-4122. PERSONNEL FROM THE DEPARTMENT OF PUBLIC UTILITIES ARE THE ONLY ONES WHO ARE TO OPERATE WATER MAIN VALVES. WHEN WATER IS NEEDED TO CHLORINATE NEW LINES FROM ADJACENT CITY MAINS WHICH ARE IN SERVICE, DEPARTMENT OF PUBLIC UTILITIES PERSONNEL MUST BE PRESENT TO OPERATE OR WITNESS THE CONTRACTOR OPERATION OF EXISTING CITY VALVES.
15. WHEN EXTENDING AN EXISTING LINE, THE CONTRACTOR MUST CHLORINATE AND PRESSURE TEST BOTH NEW AND VALVED SECTION OF EXISTING LINES IN ACCORDANCE WITH CITY OF NAPERVILLE STANDARDS.

16. CONNECTIONS TO EXISTING WATER MAIN SHALL BE MADE AT AN EXISTING JOINT. EXCEPT WHERE SHOWN ON THE PLANS, ANY ADDITIONAL SLEEVES, FITTINGS, COUPLINGS, OR OTHER APPURTENANCES NEEDED TO CONNECT EXISTING WATER MAIN TO PROPOSED WATER MAIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF DUCTILE IRON WATER MAIN. REMOVAL OF EXISTING WATER MAIN LIMITS SHALL BE ADJUSTED AND PAID ACCORDINGLY.
17. AT&T AND NICOR FACILITIES ARE TO REMAIN AND WILL NOT BE RELOCATED FROM WHAT IS SHOWN ON THE PLANS. IN THE EVENT THAT A CONFLICT ARISES DURING CONSTRUCTION BETWEEN ANY FACILITY AND THE PROPOSED WATER MAIN FACILITY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. ANY CHANGE TO THE PROPOSED WATER MAIN DESIGN FROM THAT SHOWN ON THE PLANS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

LEGEND

-  DOMESTIC WATER SERVICE BOX
-  WATER MAIN FITTING
-  WATER MAIN VALVE
-  WATER MAIN REDUCER
-  CUT AND CAP EXISTING WATER MAIN
-  WATER MAIN LINE STOP
-  ABANDON EXISTING WATER MAIN, FILL WITH CLSM
-  WATER MAIN REMOVAL
- N ELEVATION AT FIRE HYDRANT NOZZLE CAP
- R ELEVATION AT RIM (PR GROUND LINE)
- C ELEVATION AT PIPE CROWN
- I ELEVATION AT PIPE INVERT
- VM VERTICAL MOUNT (VERTICAL CHANGE IN PIPE AT INDICATED FITTING)

	DESIGNED <i>CEO</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN GENERAL NOTES AND LEGEND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN <i>CMW</i>	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	316	
	CHECKED <i>JCM</i>	REVISED -			WAT GN-1		CONTRACT NO. 60R31			
	DATE <i>12/14/2012</i>	REVISED -			SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		
ILLINOIS FED. AID PROJECT										