

SANITARY FORCEMAIN NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST OR SPECIFIED EDITIONS OF THE FOLLOWING STATE OF ILLINOIS STANDARD SPECIFICATIONS: "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", THE "METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO SEWER PERMIT ORDINANCE", THE "VILLAGE OF ORLAND PARK LAND DEVELOPMENT CODE", AND THE DETAILS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE FOREGOING STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT . INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.
- ALL FORCE MAINS SHALL BE LAID AT LEAST TEN (10) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED FROM THE OUTSIDE OF PIPE TO OUTSIDE OF PIPE. ALL SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF 18-INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE FORCE MAIN.
- ALL SANITARY FORCE MAIN SHALL BE PVC SDR 21 MEETING ASTM STANDARD 2241. PVC PIPE JOINTS SHALL BE SOLVENT CEMENTED JOINTS PER ASTM D 2672 OR FLEXIBLE ELASTOMERIC SEALS PER ASTM D 3212 AND F 477.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, FORCE MAINS, GAS LINES, PIPELINES, ETC. SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND THE OWNER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND LOCATE THEIR FACILITIES PRIOR TO ANY WORK.
- RECORD DRAWINGS FOR THE CONSTRUCTED FORCE MAINS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE VILLAGE OF ORLAND PARK UPON THE PROJECT COMPLETION. ANY VARIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE INDICATED ON THE RECORD DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND OPERATOR OF THE DAMAGED UTILITY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE COMMENCEMENT OF WORK BEGINS. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION.
- SURFACE FEATURES THAT ARE DISTURBED DUE TO THE CONSTRUCTION OF FORCE MAINS, WHICH ARE NOT INCLUDED AS PART OF THE ROADWAY IMPROVEMENTS, SHALL BE RESTORED AND BE CONSIDERED INCIDENTAL TO THE FORCE MAIN WORK. RESTORATION THAT IS INCIDENTAL TO THE WATER MAIN WORK SHALL BE INCLUDED IN THE COSTS FOR THE FORCE MAIN WORK WITH NO ADDITIONAL COMPENSATION ALLOWED. RESTORATION OF SURFACE FEATURES SHALL INCLUDE, BUT NOT BE LIMITED TO, SODDING, SEEDING, REMOVAL AND RESTORATION OF PAVEMENT, REMOVAL AND RESTORATION OF SIDEWALK, REMOVAL AND RESTORATION OF CURB AND GUTTER, AND ANY OTHER ITEM THAT MUST BE DISTURBED TO INSTALL FORCE MAIN AS INDICATED IN THE PROJECT DOCUMENTS. RESTORATION WORK ITEMS THAT ARE CONSIDERED INCIDENTAL TO FORCE MAIN WORK SHALL BE PERFORMED PER THE REQUIREMENTS OF PROJECT DOCUMENTS.

SANITARY FORCE MAIN SCHEDULE

#	PAY ITEM	SHEETS	FROM STATION	TO STATION	DESCRIPTION	UNIT	QUANTITY
1		WT-02 & 03	128+58	135+85	FORCE MAIN 4"	LF	735
2	X0326747	WT-02 & 03	128+58	135+85	FORCE MAIN 6"	LF	735
3	X5610651	WT-02 & 03	128+58	135+85	FLOWABLE FILL	CYD	110

SANITARY FORCE MAIN LEGEND

PROPOSED FORCE MAIN	
PROPOSED WATER MAIN	
EXISTING WATER MAIN	
WATER MAIN TO BE ABANDONED	
EXISTING HYDRANT	
PROPOSED HYDRANT	
EXISTING WATER VAULT	
PROPOSED WATER VAULT	
EXISTING VALVE BOX	
EXISTING MANHOLE	
PROPOSED MANHOLE	
EXISTING CATCH BASIN	
PROPOSED CATCH BASIN	
PROPOSED INLET	
PROPOSED STORM SEWER	
EXISTING STORM SEWER	
EXISTING SANITARY SEWER	
PROPOSED UNDERDRAIN	
UTILITY TO BE REMOVED	
CULVERT	

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - MDB	REVISED -
D160F05-SHT-SAN01.dgn		DRAWN - MDB	REVISED -
SHT.PLAN	PLOT SCALE = 40.0000' / in.	CHECKED - TDW	REVISED -
D160F05-SHT-SAN01.dgn 3/12/2013 3:22:49 PM	PLOT DATE = 3/12/2013	DATE - 03/13/13	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	377
SAN-01		CONTRACT NO. 60F05		
ILLINOIS FED. AID PROJECT				