

NO.	ITEM DESCRIPTION	UNIT	TOTAL
	DUCTILE IRON WATER CLASS 52 WITH POLYETHYLENE ENCASEMENT, 750MM DIA.	METER	210
	DUCTILE IRON WATER CLASS 52 WITH POLYETHYLENE ENCASEMENT, 400MM DIA.	METER	218
	DUCTILE IRON WATER CLASS 52 WITH POLYETHYLENE ENCASEMENT, 300MM DIA.	METER	40
	DUCTILE IRON WATER CLASS 52 WITH POLYETHYLENE ENCASEMENT, 200MM DIA.	METER	2
	DUCTILE IRON WATER CLASS 52 WITH POLYETHYLENE ENCASEMENT, 150MM DIA.	METER	70
	TAPPING SLEEVE AND VALVE 750X750 IN 2.1M DIA. VALVE VAULT, TYPE 1 FRAME CLOSED LID	EACH	2
	TAPPING SLEEVE AND VALVE 400X400 IN 1.5M DIA. VALVE VAULT, TYPE 1 FRAME CLOSED LID	EACH	2
	TAPPING SLEEVE AND VALVE 300X300 IN 1.2M DIA. VALVE VAULT, TYPE 1 FRAME CLOSED LID	EACH	2
	TAPPING SLEEVE AND VALVE 200X200 IN 1.2M DIA. VALVE VAULT, TYPE 1 FRAME CLOSED LID	EACH	2
	TAPPING SLEEVE AND VALVE 150X150 IN 1.2M DIA. VALVE VAULT, TYPE 1 FRAME CLOSED LID	EACH	2
	STEEL SLEEVE 1200MM DIA., 13MM WALL THICKNESS, OPEN CUT	METER	66
	STEEL SLEEVE 750MM DIA., 11.9MM WALL THICKNESS, OPEN CUT	METER	44
	STEEL SLEEVE 600MM DIA., 11.9MM WALL THICKNESS, OPEN CUT	METER	14
	STEEL SLEEVE 300MM DIA., 9.5MM WALL THICKNESS, OPEN CUT	METER	21
	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2
	TRENCH BACKFILL	CU M	1300
	WATER SERVICE CONNECTION, 25MM	EACH	10
	WATER SERVICE CONNECTION, 30MM	EACH	5
	WATER SERVICE CONNECTION, 50MM	EACH	5
	WATER MAIN REMOVAL, 750MM	METER	210
	WATER MAIN REMOVAL, 400MM	METER	218
	WATER MAIN REMOVAL, 300MM	METER	40
	WATER MAIN REMOVAL, 200MM	METER	2
	WATER MAIN REMOVAL, 150MM	METER	70

GENERAL NOTES

THE CONSTRUCTION OF THE WATER MAIN SHALL BE PERFORMED ACCORDING TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE CITY OF HARVEY PUBLIC WORKS DEPARTMENT (708-210-5403) SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH THE CONSTRUCTION WILL BE REMOVED OR RELOCATED. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

WHEN IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE.

EXISTING DRAINAGE FACILITIES SHALL NOT BE UNNECESSARILY DISTURBED. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FACILITIES WHEREVER NECESSARY TO MAINTAIN EXISTING DRAINAGE OUTLETS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AS REQUIRED IN THE SPECIAL PROVISIONS AT THE CONTRACTOR'S EXPENSE.

ALL PAVEMENT, CURB AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF A STRAIGHT SAW CUT JOINT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.

THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE PROVIDED FOR THE CONTRACTOR'S USE, AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITIES INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY LOCATIONS OF ALL UTILITIES.

TEMPORARY ACCESS TO PROPERTIES AFFECTED BY THE CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES BY PLACEMENT OF TEMPORARY AGGREGATE. THE CONTRACTOR SHALL PERIODICALLY MONITOR ALL AFFECTED AREAS DURING THE PROJECT, AND SHALL PLACE ADDITIONAL AGGREGATE WHEN NECESSARY. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE CITY OF HARVEY PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED PRIOR TO THE OPENING OR CLOSING OF ALL WATER VALVES, FIRE HYDRANTS, AND/OR OTHER WATER SYSTEM APPURTENANCES.

CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATIONS AS PART OF THE NEW STRUCTURE COST.

ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL KEEP AN "AS BUILT" SET OF DRAWINGS WHICH WILL SHOW ANY CHANGES MADE IN THE FIELD WHICH ARE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS. TWO (2) COPIES OF THE "AS BUILT" DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER BEFORE THE PROJECT IS ACCEPTED BY THE OWNER.

A MINIMUM OF 3 FEET OF PROTECTIVE COVER SHALL BE CONSTRUCTED PRIOR TO RUNNING HEAVY EQUIPMENT OVER INSTALLED PIPES.

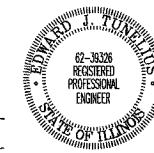
THE CITY OF HARVEY REQUIRES GENERAL COMPLIANCE WITH THE NPDES PHASE II PROGRAM. AS SUCH, THE CITY REQUIRES THAT ALL CONTRACTORS PROVIDE, TO THE EXTENT POSSIBLE, CONSTRUCTION SITE RUN-OFF CONTROL AND ILLICIT DISCHARGE PREVENTION AND ELIMINATION. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY. THE CONTRACTOR SHALL ALSO MAINTAIN ALL SILT FENCE AND OTHER EROSION CONTROL MEASURES THROUGHOUT THE PROJECT.

PUBLIC AND RESIDENT NOTIFICATION

IF THE CONTRACTOR IS REQUIRED TO SHUTOFF EXISTING UTILITY SERVICE (I.E., WATER, SANITARY, POWER, COMMUNICATIONS, AND GAS) FOR ANY REASON DURING THE COURSE OF THIS PROJECT, THE CONTRACTOR SHALL PROVIDE 24 HOUR ADVANCE WRITTEN NOTICE TO: 1) THE CITY OF HARVEY OF THE SCHEDULED WORK, 2) THOSE RESIDENTS WITH CONNECTIONS TO THE WATER SECTIONS AFFECTED BY THE WORK, AND 3) ANY OTHER RESIDENTS THAT MAY POTENTIALLY BE ADVERSELY AFFECTED BY THE WATER MAIN CONSTRUCTION OPERATIONS. THE NOTIFICATION SHALL BE OF A FORM AND METHOD AS APPROVED BY THE CITY OF HARVEY.

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

Edward J. Turek
2/20/08



REVISIONS	
NAME	DATE

SCALE: VERT. NONE
HORIZ. NONE
DATE: 2/20/08

DRAWN BY: PS
CHECKED BY: EJT

F. A. U. ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	3277R	COOK	579	088

CONTRACT NO. 60E10