

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	0102.1 S	COOK	107	3
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				0040	
20200100	EARTH EXCAVATION	CU YD	1,100	1,100	
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	2,060	2,060	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	206	206	
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-90.0, N50	TON	290	290	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	175	175	
50300225	CONCRETE STRUCTURES	CU YD	3,200	3,200	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3,000	3,000	
50800205	REINFORCING BARS, EPOXY COATED	POUND	434,500	434,500	
* 51603000	DRILLED SHAFT IN SOIL	CU YD	60	60	
66400305	CHAIN LINK FENCE, 6'	FOOT	420	420	
X6640570	CHAIN LINK FENCE, 8' (SPECIAL)	FOOT	500	500	
66404600	CHAIN LINK GATES, 8'X3' SINGLE	EACH	1	1	
66408200	CHAIN LINK GATES, 6'X24' DOUBLE	EACH	1	1	
66409800	CHAIN LINK GATES, 8'X20' DOUBLE	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24	
67100100	MOBILIZATION	L SUM	1	1	
X2020502	BRACED EXCAVATION	CU YD	12,000	12,000	
X0301028	PUMP STATION SCADA EQUIPMENT	L SUM	1	1	
X0325162	CHAIN LINK CANTILEVER SLIDE GATE, 8' X 20'	EACH	1	1	
X0335700	PUMP STATION GENERAL WORK	L SUM	1	1	
X0783300	PUMP STATION ELECTRICAL WORK	L SUM	1	1	
* X0783500	PUMP STATION MECHANICAL WORK	L SUM	1	1	
X8040305	ELECTRIC SERVICE CONNECTION	L SUM	1	1	

* SPECIALTY ITEMS

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS, SITE ACCESS, POWER SUPPLY AND OTHER ITEMS THAT AFFECT THE CONTRACT AND THE CONSTRUCTION OF THE IMPROVEMENT.

2. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS, SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF THE WORK.

3. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THIS DATA IS ESSENTIALLY CORRECT, BUT THE DEPARTMENT AND OTHERS ASSOCIATED WITH THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY WHEN THE POTENTIAL EXISTS FOR INVOLVEMENT AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGES TO THE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

4. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE OSHA REGULATIONS WHILE AT THE CONSTRUCTION SITE.

5. ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED ¾" EXCEPT AT SIDEWALKS AND CURBS WHERE ROUNDED CORNERS ARE REQUIRED.

6. CLASS S1 CONCRETE SHALL BE USED THROUGHOUT.

7. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31, M-42 OR M-53 GRADE 60. EPOXY COATED REINFORCEMENT BARS ARE USED IN THIS WORK.

8. FOR BACKFILLING AND COMPACTION SEE STANDARD SPECIFICATIONS.
9. STRUCTURAL DESIGN DATA:

REINFORCING STEEL fy = 60,000 psi
CONCRETE f'c = 3,500psi 14 DAYS
STRUCTURAL STEEL fy = 36.0 ksi

MINIMUM SLAB AND STAIR LIVE LOADING = 100 psf
MINIMUM ROOF LIVE LOADING = 25 psf

10. UNLESS OTHERWISE INDICATED ALL ITEMS AND WORK SHOWN ON THESE SHEETS ARE PROPOSED NEW ITEMS AND WORK.

11. THE PUMPING CAPACITY OF THE EXISTING STATION MUST BE MAINTAINED AT ALL TIMES (SPECIFIED STATION PUMPING CAPACITY 111,000 gpm). THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER FOR ALL TEMPORARY WORK. REFER TO DIVISION 1 OF THE SPECIFICATIONS.

12. NOTE THAT DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE PUMPING STATION ACCORDING TO THE REQUIREMENTS OF THE STATE'S ELECTRICAL MAINTENANCE CONTRACT. SHORT-TERM SHUTDOWN WILL BE PERMITTED WITH SPECIFIC WRITTEN PERMISSION (SEE SPECIFICATIONS).

13. ALL SHOP DRAWINGS, MATERIAL SAMPLES ETC. MUST BE SUBMITTED AND APPROVED BY THE ENGINEER BEFORE INSTALLATION.

14. CRUSHED SLAG SHALL NOT BE USED AS AN AGGREGATE MATERIAL.

15. BEFORE STARTING EXCAVATION THE CONTRACTOR SHALL CALL JULIE AT 1-800-892-0123 FOR FIELD LOCATION OF BURIED UNDERGROUND UTILITIES (48 HOURS NOTIFICATION REQUIRED)

16. COORDINATE EXACT LOCATION OF ALL MAJOR COMPONENTS WITH THE ENGINEER BEFORE INSTALLATION.



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 24
RELOCATION

SUMMARY OF QUANTITIES

SCALE: N/A
DATE: 11-22-10

DRAWN BY: HFF
CHECKED BY: KHC