

GENERAL NOTES

STEEL PILES, AS PER PLAN

The cost of all cutting, welding, splicing, fitting and driving shall be included in the unit price for bid for Item 507-Steel piles, 12 BP53, as per plan. All steel piles needed for the completion of this project shall be provided by the State of Ohio and stored by the State on State property at the project site.

STRUCTURAL STEEL AS PER PLAN

The cost of all upset end tie bars, turnbuckles, nuts, washers, steel plates, cutting, drilling, welding, shims, and bracing, labor and necessary to install wales and tie bars as indicated in the plans shall be included in the unit price bid for Item 513-Structural Steel as per plan. If the tie bars at the depth shown interfere with existing drainage lines the depth of rods shall be adjusted as directed by the project engineer. All of the wales needed for the completion of this project shall be provided by the State of Ohio and stored by the State on State property at the project site. Drainage holes shall be provided in the wales to drain between all stiffeners, as directed by the engineer.

TIMBER BACKING AS PER PLAN

The cost of handling, cutting, fitting, placing and erecting the timber backing complete in place shall be included in the unit price bid for Item special-Timber Backing as per plan. All of the timber backing needed for the completion of this project shall be provided by the State of Ohio and is stored on state property adjacent to the project site.

CONNECTIONS TO EXISTING PIPE

At places where the excavation for tie bars disturbs the existing pipe, it shall be the responsibility of the contractor to replace the encountered pipe with Item 603-6" conduit, type B as provided in the estimated quantities. The cost of this operation shall be included in the unit price bid for Item 603-6" conduit, Type B.

GUARD RAIL REMOVED FOR REUSE OR STORAGE

Existing temporary guard rail shall be removed and stored on State owned property at the project site as directed by the engineer.

EMBANKMENT

Embankment material is available at the job site. This material may be excavated under the direction of the project engineer.

UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans have been obtained by diligent field checks and searches of available records. It is believed that they are essentially correct, but the State of Ohio does not guarantee their accuracy or completeness.

EXISTING CONDITIONS

The locations of existing conditions as shown on these plans are believed to be essentially correct, but the State of Ohio does not guarantee their accuracy or completeness. Any changes in locations, type, size and grade of required improvements, necessitated by a deviation of existing conditions from those shown on these plans, shall be determined by the project engineer during construction and payment shall be made on final measurements.

DETOUR

Through traffic shall be detoured as follows: S.R. 86, to S.R. 84, to S.R. 44, to U.S. 8, to S.R. 166, to S.R. 86. See diagram on Sheet # 7.

ESTIMATED QUANTITIES

SHEET	NO.		TOTAL	UNIT	ITEM	DESCRIPTION
3	4	5	QUAN.			
ROADWAY						
60	48	30	138	SQ. YD.	202	EXISTING PAVEMENT REMOVED AND DISPOSED OF
312.5	105		417.5	LIN. FT.	202	GUARD RAIL REMOVED FOR REUSE OR STORAGE
188		188	376	LIN. FT.	202	GUARD RAIL REMOVED AND DISPOSED OF
303	82	167	552	CU. YD.	203	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION
AS PER PLAN						
310	63	113	486	CU. YD.	203	EMBANKMENT
LUMP SUM 505 FIRST TEST PILE						
1241	129	172	1542	LIN. FT.	507	STEEL PILES, 12 BP53, AS PER PLAN
12762	9766	8486	31,014 *	LBS.	513	STRUCTURAL STEEL, AS PER PLAN
237.5		182.5	400	LIN. FT.	606	GUARD RAIL TYPE 4
1728		1152	2880	SQ. FT.	SPECIAL	TIMBER BACKING, AS PER PLAN
/			/	EACH	606	ANCHOR ASSEMBLY
PAVEMENT						
67	59	34	160	SQ. YD.	305	9" PORTLAND CEMENT CONCRETE BASE
7	6	4	17	CU. YD.	310	SUBBASE GRADING B
3	2	2	7	CU. YD.	402	ASPHALT CONCRETE (70-85)
2	2	1	5	CU. YD.	404	ASPHALT CONCRETE (70-85)
10	9	5	24	GALS.	407	TACK COAT, 702.04 MS-2 OR RS-1; OR 702.02, RC-70 OR RC-250
DRAINAGE						
	16	10	26	LIN. FT.	603	6" CONDUIT, TYPE B
GENERAL						
			LUMP	LUMP	614	MAINTAINING TRAFFIC

*Quantity includes weight of steel wales to be furnished by State.