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DGN, 20:31

F.A.I. RTE.	SECTION		COUNTY		TOTAL SHEETS	SHEET NO.		
59	•		WILL		608	368		
STA. TO STA.								
FED, RO	DAD DIST. NO. 1	ILL INO	IS FED.	AID	PROJECT	· ·		

* (26, 26HB-1 & 114) R-2 CONTRACT NO. 60363

- Notes: 1. Work this sheet with Sht. S-21.
- 2. For plans of walls, see Sht. S-1. 3. MSE Wall supplier shall design and supply system to transfer earth pressure of 40 pcf equivalent fluid weight to the back of abument and backwall, plus a longitudinal force of 15.5 k transmitted by the bearings applied to the bridge seats. 4. Finish grade indicated is finished grade line at front face
- of the wall. 5. Drilled Shafts shall be constructed prior to placement of
- reinforced select backfill. 6. MSE Wall supplier to design load transfer system to
- accommodate drilled shafts. 7. Wall alignment stations and offsets are referenced to front
- face of wall. See typical section this sheet. 8. Unsuitable material shall be removed from within the limits
- shown at a minimum and as directed by the Engineer; and backfilled with Porous Granular Embankment, Subgrade. Removal and Disposal of Unsuitable Material will be measured in its original position by taking cross-sections after removal has been completed and then computing volume in cubic yards by average end area method. Porous Granular Embankment, Subgrade will be paid for at the same volume as Removal and Disposal of Unsuitable Material. Pavement removal will be measured and paid for separately, and shall not be included for payment with Removal and Disposal of Unsuitable Material,
- Overexcavation beyond structure excavation and removal of unsuitable material. This area not measured for payment. Backfill overexcavation with same material used for Porous Granular Embankment, Subgrade or select fill used in MSE wall.

BILL OF MATERIAL

Item	Unit	Total
Removal and Disposal of Unsuitable Material	Cu Yd	898
Porous Granular Embankment, Subgrade	Cu Yd	898
Structure Excavation	Cu Yd	1,104
Mechanically Stabilized Earth Retaining Wall	Sq Ft	6,676

SHT. S-22 OF S-24 REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. ROUTE 338 (ILLINOIS ROUTE 59) IL ROUTE 59 OVER F.A.I. 55 (I-55) SECTION (26, 26HB-1 & 114) R-2 STRUCTURE NUMBER 099-4642 STATION 8021+17.13, WILL COUNTY				
NAME DATE					
	MSE WALL DETAILS AND BILL OF MATERIAL				
	DR/	AWN BY: CCE			
	DATE: 03/14/08 CHE	CKED BY: TMH			
	TENG & ASSOCIATES, IN EXCORRESSARCITECTES, MECHAN AVE. CIT TELEPHONE 312618-0000	LANNERS			