

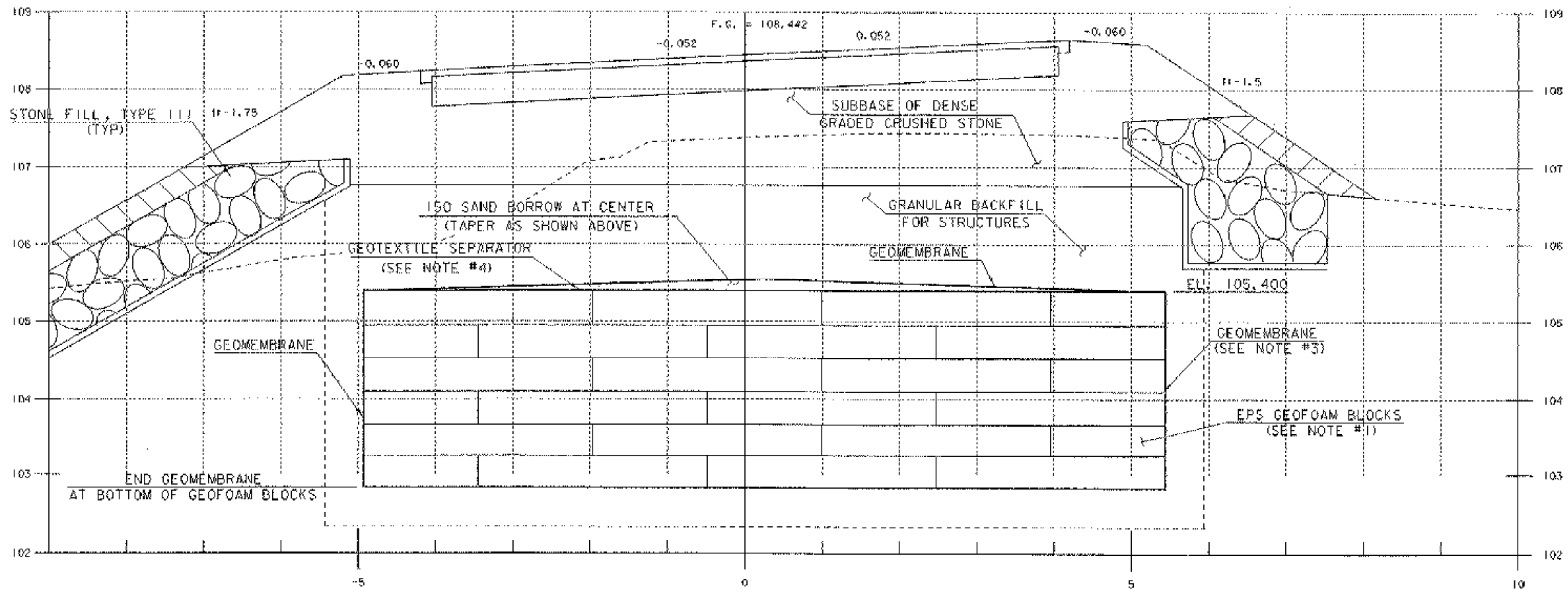
**ABUTMENT NO. 2 ELEVATION**  
(LOOKING BACKSTATION)  
(ABUTMENT #1 SIMILAR)

NOTE: MOST HIDDEN LINES OMITTED FOR CLARITY

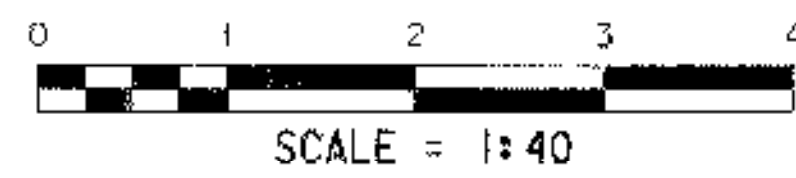
**ABUTMENT CROSS SECTION AT ROADWAY CENTERLINE**

**EPS GEOFOAM NOTES**

1. EXPANDED POLYSTYRENE (EPS) GEOFOAM BLOCK CONFIGURATION AND SIZES INDICATED ARE FOR ILLUSTRATIVE PURPOSES ONLY. IN ACCORDANCE WITH THE SPECIAL PROVISIONS, ACTUAL BLOCK SIZES AND CONFIGURATION TO BE DESIGNED BY GEOFOAM BLOCK SUPPLIER AND SUBMITTED TO THE ENGINEER FOR REVIEW. ALL BLOCKS SHALL BE 100 KPA CAPACITY. EPS GEOFOAM BLOCKS SHALL BE PAID FOR UNDER ITEM 204.30, "GRANULAR BACKFILL FOR STRUCTURES (MOD. - EPS100 GEOFOAM)".
2. LIMITS OF EPS GEOFOAM BLOCKS INDICATED ARE TO BE ADHERED TO BY CUTTING BLOCKS IN THE FIELD AS REQUIRED.
3. PROVIDE DRAINAGE FROM TOP OF EPS GEOFOAM BLOCKS BY TAPERING SAND BORROW FROM 150 AT CENTER TO NOTHING 300 FROM EDGE OF BLOCKS AND COVERING WITH GEOMEMBRANE. PAY ITEM 649.11 "GEOTEXTILE FOR ROADBED SEPARATOR (MOD.)".
4. USE ITEM 649.31 "GEOTEXTILE UNDER STONE FILL" TO PROVIDE A BARRIER BETWEEN EPS GEOFOAM BLOCKS AND SAND BORROW TO PREVENT SAND FROM PENETRATING INTO THE SEAMS BETWEEN BLOCKS.
5. TIGHT SPACING AND STAGGERING SEAMS ARE CRUCIAL TO THE PERFORMANCE OF THE EPS GEOFOAM BLOCK FILL. ALL FIELD CUTS AND FITMENT SHOULD BE CAREFULLY PERFORMED.
6. INSTALL PREFABRICATED SHEET DRAIN, PAY ITEM 649.41 "GEOTEXTILE FOR UNDERDRAIN TRENCH LINING (MOD.)", BETWEEN ABUTMENT AND EPS GEOFOAM BLOCKS AS WELL AS BETWEEN WINGWALLS AND EPS GEOFOAM BLOCKS TO PROVIDE A FREE DRAINING SURFACE BETWEEN BLOCKS AND ABUTMENT. THE PREFABRICATED SHEET DRAIN SHALL BE MIRAFI CONSTRUCTION PRODUCTS GIGON SHEET DRAIN OR AN APPROVED EQUAL.
7. OVERALL WIDTH OF EPS GEOFOAM BLOCKS BETWEEN WINGWALLS WILL DEPEND UPON THICKNESS OF SHEET DRAINAGE SYSTEM CHOSEN.



**SECTION A-A**  
(SECTION AT STATION 1+130  
SHOWN AS EXAMPLE)



SHEET NAME: <b>EPS GEOFOAM BLOCK DETAILS</b>	
PROJECT NAME: <b>LEICESTER</b>	HIGHWAY NO.: <b>TH 1</b>
PROJECT NUMBER: <b>BRF 0160(3)S</b>	BRIDGE NO.: <b>6</b>
	OVER: <b>OTTER CREEK</b>
FILE NAME: 95J288\Structures\s\j288sub.dgn	PLOT DATE: <b>17-AUG-2005</b>
PROJECT MANAGER: <b>R. R. WHITCOMB</b>	DRAWN BY: <b>D. BONNEAU</b>
DESIGNED BY: <b>C. CARLSON</b>	IPARM NAME: <b>s\j288eps.1</b>
BRIDGE SHEET NUMBER:	SHEET <b>65</b> OF <b>90</b>