

VOID

DESIGN DATA Δ

DESIGN BEARING PRESSURE ----- 2 KSF

COHESION ----- 0 PSF

ANGLE OF INTERNAL FRICTION ----- 32°

UNIT WEIGHT ----- 120 PCF

COEFFICIENT OF SLIDING FRICTION ----- 0.45

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	177	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - 3
627-1010	2791	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - 3
627-1100	90	LF	COPING A, WALL NO - 3
627-1160	123	LF	TRAFFIC BARRIER H, WALL NO - 3

NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION AND 2008 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

FINISH - PROVIDE PLAIN CONCRETE FINISH.

GRAFFITI PROOF COATING - ALL MSE WALL PANELS SHALL HAVE A GRAFFITI PROOF COATING AS PER SECTION 838 OF THE GEORGIA DOT SPECIFICATIONS.

CONCRETE COVER - MAINTAIN 2 INCHES COVER MINIMUM ON ALL REINFORCING STEEL.

STATIONS AND OFFSETS - STATIONS SHOWN ARE ALONG ϕ LIBERTY EXPRESSWAY. OFFSETS SHOWN ARE MEASURED TO FRONT FACE OF WALL.

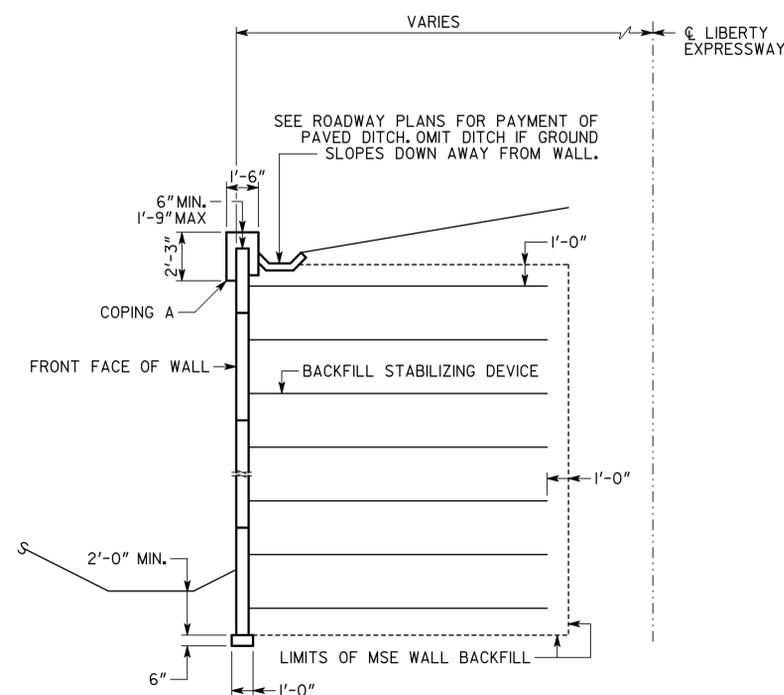
STAGE CONSTRUCTION - THE WALL MAY BE CONSTRUCTED IN STAGES TO IMPROVE THE UNDERLYING SOIL BEARING CAPACITY. CONSTRUCT WALL TO A HEIGHT RESULTING IN A SOIL BEARING PRESSURE OF 2000 POUNDS PER SQUARE FOOT, WAIT 30 DAYS, THEN CONSTRUCT ADDITIONAL STAGES OR REMAINDER OF WALL.

JOINTS - PROVIDE ONE INCH EXPANSION JOINT IN COPING OR BARRIER AT EVERY FOURTH PANEL.

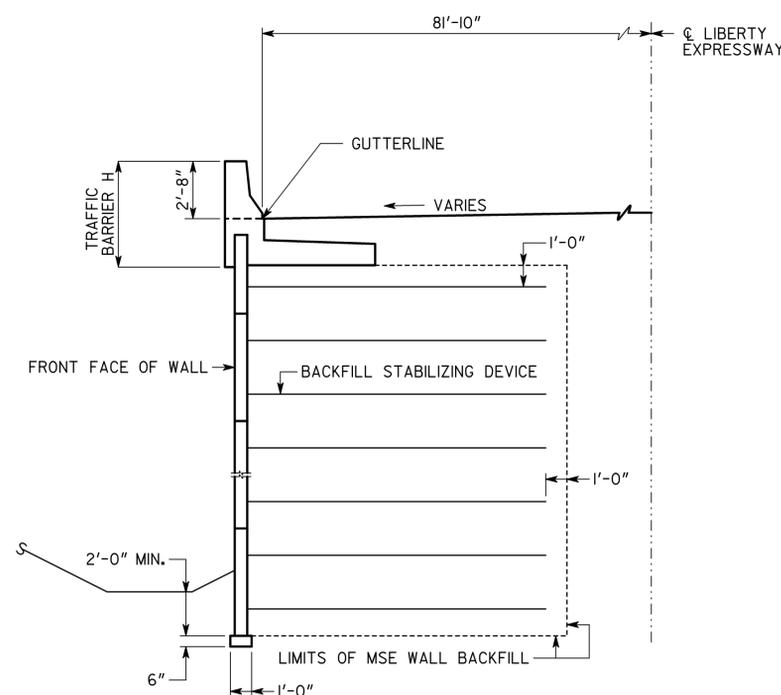
WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND RESEARCH. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

WALL PLANS - THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL PLANS IN THE CONTRACT DOCUMENTS IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING A WALL SYSTEM WHICH PROVIDES STRUCTURAL ADEQUACY, IN ACCORDANCE WITH SECTION 627 OF THE GEORGIA DOT SPECIFICATIONS, AT THE BID PRICE. [END WORD WRAP]

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF JOINT FILLERS, NEOPRENE PADS, WATERPROOFING AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.



SECTION B-B



SECTION A-A

DATE		05-13-13	
REVISIONS		ADDED DESIGN DATA	
WALL NO. 3			
GEORGIA			
DEPARTMENT OF TRANSPORTATION			
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES			
GENERAL NOTES - MSE WALL NO. 3			
LIBERTY EXPRESSWAY AT HOG PEN DITCH OUTFALL			
DOUGHERTY COUNTY NHS00-0006-02(055)			
DRAWING NO.		32-004	
WALL SHEET		2 OF 2	
DESIGNED	JRT	CHECKED	EJC
DRAWN	JRT	DESIGN GROUP	EJC
REVIEWED	DLC/WMD	APPROVED	BFR

1 INCH WHEN PRINTED FULL SIZE