STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	IMNHO-0285-01(354)	595	995

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION, 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. FINISH SHALL BE CONSISTENT WITH ALL OTHER RETAINING WALLS ON THE PROJECT.

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 ℄ RAMP A. OFFSETS SHOWN ARE MEASURED TO THE GUTTERLINE FOR WALLS WITH BARRIER.

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 3000 POUNDS PER SQUARE FOOT, WAIT 30 DAYS, THEN CONSTRUCT ADDITIONAL STAGES OR REMAINDER OF WALL.

TEMPORARY SHORING - PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.

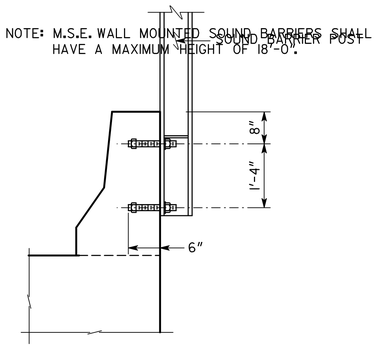
JOINTS - PROVIDE ONE INCH EXPANSION JOINT IN COPING OR BARRIER AT EVERY FOURTH PANEL.

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 TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

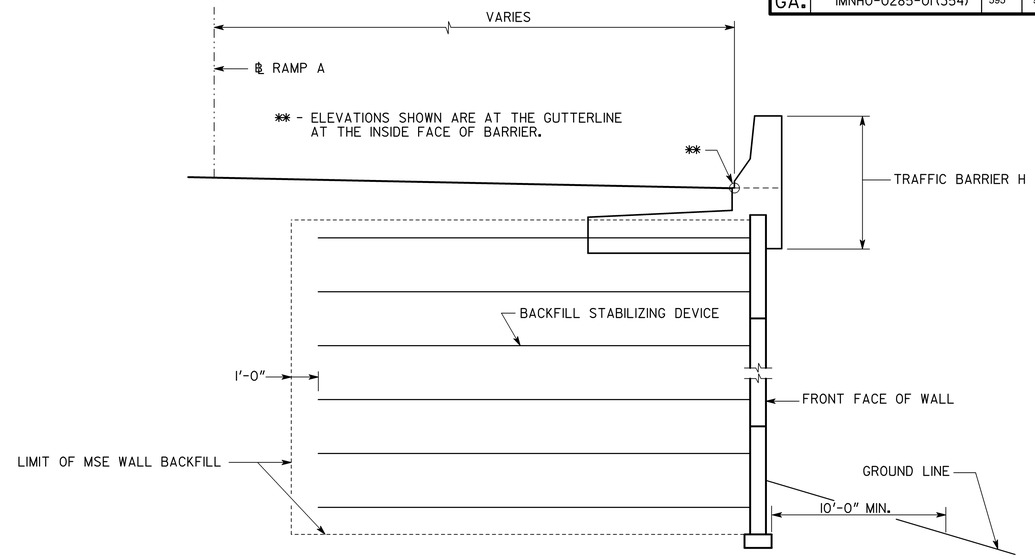
WALL PLANS - THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL 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.

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 AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

NOTE: M.S.E. WALL MOUNTED SOUND BARRIERS SHALL HAVE A MAXIMUM HEIGHT OF 18'-0".



CAST IN PLACE
SOUND BARRIER ANCHOR DETAIL
(SEE SOUND BARRIER SECTION FOR INFORMATION)



TYPICAL SECTION
(LOOKING AHEAD)
SCALE: 3/8" = 1'-0"

DESIGN DATA

DESIGN BEARING PRESSURE	3 KSF
COHESION	0 PSF
ANGLE OF INTERNAL FRICTION	28°
UNIT WEIGHT	120 PCF
COEFFICIENT OF SLIDING FRICTION	0.40

SUMMARY OF QUANTITIES - WALL NO. 1J

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	1765	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - 1J
627-1010	5773	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - 1J
627-1020	2040	SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 1J
△1 627-1160	742 ~~733~~	LF	TRAFFIC BARRIER H, WALL NO - 1J

WALL NO. 1J

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

GENERAL NOTES - RETAINING WALL 1J
STA. 112+58.00 - STA. 119+90.44 RT.
I-285 EB RAMP A
DEKALB COUNTY IMNHO-0285-01(354)

REVISIONS	BY	DATE
REVISED WALL NUMBER	DDF	08-08-14
REVISED QUANTITY	DDF	08-08-14

DRAWING NO. 32-012
BRIDGE SHEET 4 OF 4

SCALE: 3/8" = 1'-0" (UNLESS NOTED) APRIL 2014

DESIGNED DDF CHECKED DPD REVIEWED DLC/WMD
DRAWN DDF DESIGN GROUP DDF APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

W:\L_Doug\713290 DeKalb\WALLS\D713290Walls.dgn 11:17:19 AM 8/6/2014