

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	IMNHO-0285-01 (354)	587	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.

FOUNDATION BACKFILL MATERIAL - REMOVE 2 FT OF SOIL BENEATH THE WALL FOUNDATION AND REPLACE WITH MSE BACKFILL MATERIAL.

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.

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

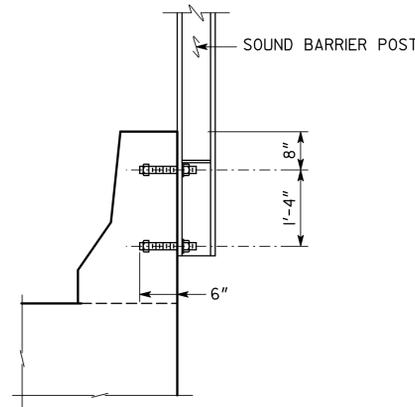
JOINTS - PROVIDE ONE INCH EXPANSION JOINT IN COPING OR BARRIER AT EVERY FOURTH PANEL.

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.

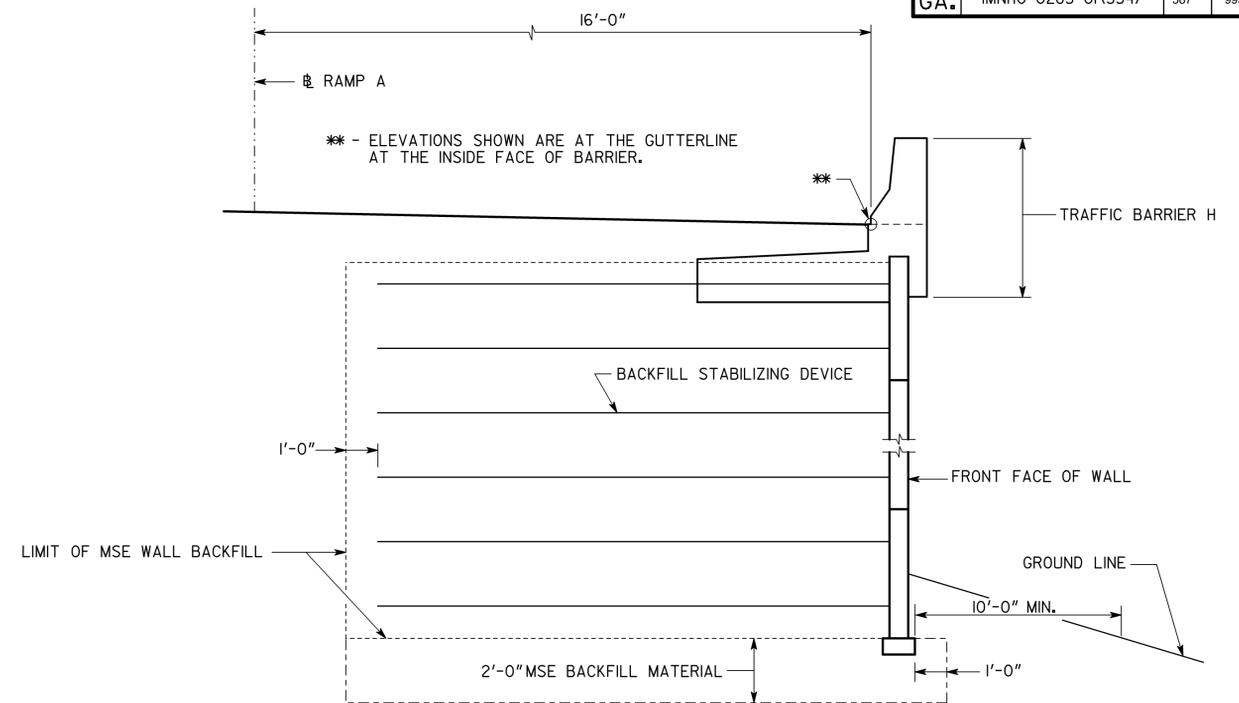
WALL PLANS - THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL 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 -----	2 KSF
COHESION -----	0 PSF
ANGLE OF INTERNAL FRICTION -----	28°
UNIT WEIGHT -----	120 PCF
COEFFICIENT OF SLIDING FRICTION -----	0.40

SUMMARY OF QUANTITIES - WALL NO. 1B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	2662	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - 1B
627-1010	3446	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - 1B
627-1160	661	LF	TRAFFIC BARRIER H, WALL NO - 1B
627-1180	588	CY	ADDITIONAL MSE BACKFILL

WALL NO. 1B

GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
GENERAL NOTES - RETAINING WALL 1B STA. 1223+06.00 - STA. 1229+67.00 RT. I-285 EB RAMP A DEKALB COUNTY IMNHO-0285-01 (354)	
SCALE: 3/8" = 1'-0" (UNLESS NOTED) APRIL 2014	
DRAWING NO. 32-004 WALL SHEET 4 OF 4	DESIGNED DDF CHECKED DPD DRAWN DDF
REVISIONS DATE 08-08-14	REVIEWED DLC/WMD APPROVED BFR

1/4" = 1" WHEN PRINTED FULL SIZE

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