STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	IMNHO-0285-01(354)	601	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.

STATIONS AND OFFSETS - STATIONS SHOWN ARE ALONG ℄ RAMP D. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4 INCH UNLESS OTHERWISE NOTED.

JOINTS IN WALL FORMS - JOINTS IN WALL FORMS SHALL BE SUPPORTED WITH BACKING STRIPS TO PROVIDE A FLUSH SURFACE IN THE FINISHED WALL FACE.

TEST CORING - CORE ROCK AT A MINIMUM OF 2 LOCATIONS WITHIN THE LIMITS OF THE WALL; SEE REQUIREMENTS IN SPECIAL PROVISION 617 - PERMANENT ANCHORED WALLS. NO SEPARATE MEASUREMENT FOR PAYMENT WILL BE MADE FOR TEST CORING, INCLUDE ALL COSTS IN THE LUMP SUM ITEM BID FOR PERMANENTLY ANCHORED WALL.

FINISH - EXPOSED SURFACE OF THE WALL SHALL RECEIVE A TYPE III 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.

RUSTICATION GROOVES - SPACE GROOVES AT 8′ ± SPACINGS BETWEEN CONTRACTION JOINTS AND EXPANSION JOINTS.

SOUND BARRIER- RETAINING WALL SHALL BE DESIGNED AND DETAILED TO ACCOMMODATE THE ATTACHMENT OF SOUND BARRIER. SEE SECTION 33 AND RELATED CONSTRUCTION DETAILS FOR INFORMATION.

ROADWAY LIGHTING- RETAINING WALL SHALL BE DESIGNED AND DETAILED TO ACCOMMODATE THE ATTACHMENT OF LUMINAIRES AT LOCATIONS INDICATED ON THE PLANS. SEE SECTION 25 FOR INFORMATION.

CONCRETE FACING - WALL FACING IS 12 INCH THICK CAST IN PLACE REINFORCED CONCRETE. PNEUMATICALLY APPLIED CONCRETE (SHOTCRETE) WILL NOT BE ALLOWED AS A PERMANENT WALL FACING.

WATERSTOPS - ALL HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS SHALL CONTAIN 6″ PLAIN WATERSTOPS. ALL VERTICAL EXPANSION JOINTS SHALL CONTAIN A 6″ BULB TYPE WATERSTOP.

GEOCOMPOSITE WALL DRAIN - USE A GEOCOMPOSITE WALL DRAIN, SELECTED FROM THE GEORGIA DOT QUALIFIED PRODUCTS LIST, BEHIND THE WALL FACING AT WEEP HOLE LOCATIONS. SPACE WEEP HOLES AT 8′ MAXIMUM SPACINGS.

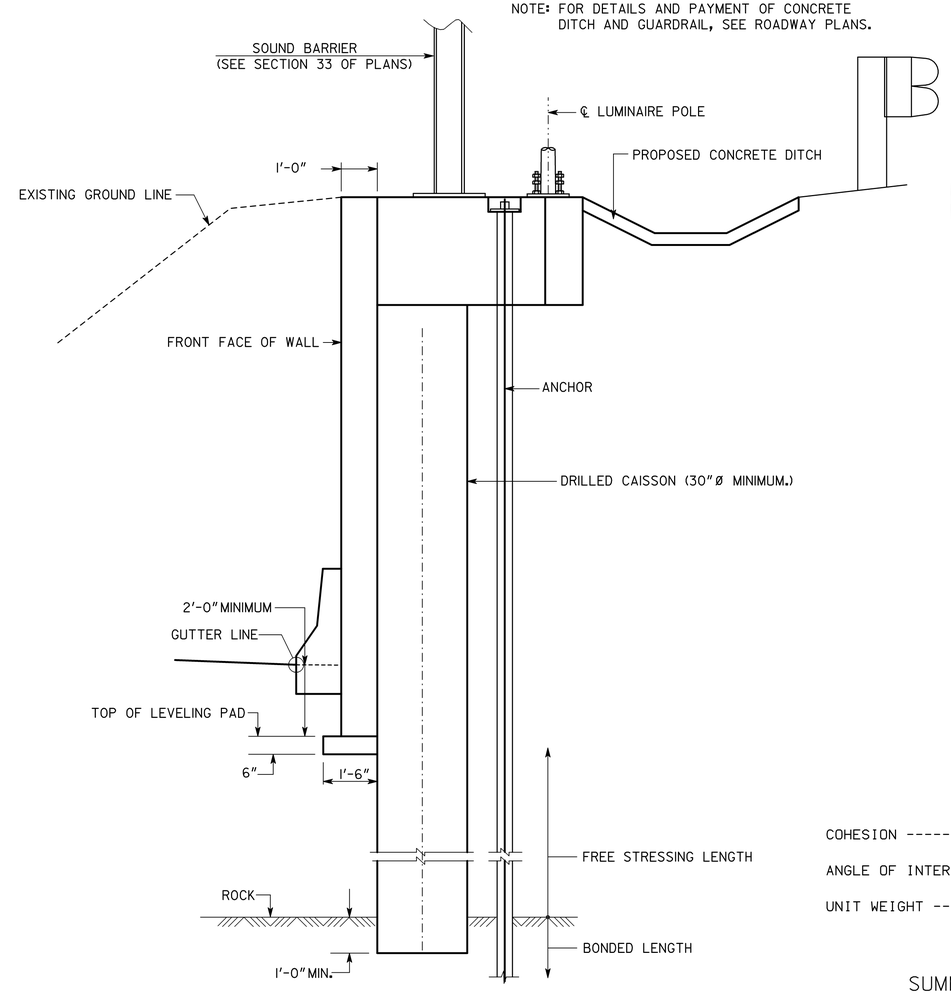
CONCRETE COVER - MAINTAIN 2″ COVER ON ALL REINFORCING STEEL, UNLESS OTHERWISE NOTED ON THE PLANS.

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 ANCHORS, THEIR LOCATIONS AND DESIGN LOADS 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, INCLUDING ANCHOR TESTING, IN ACCORDANCE WITH SPECIAL PROVISION 617, AT THE BID PRICE.

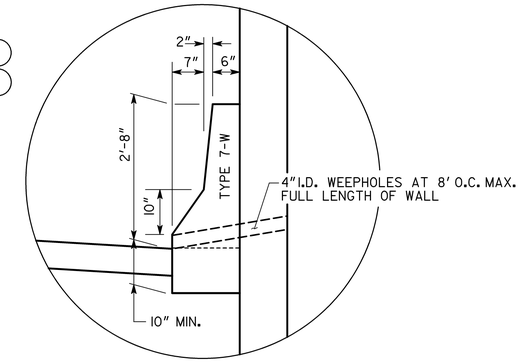
INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF JOINT FILLERS AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE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

NOTE: FOR DETAILS AND PAYMENT OF CONCRETE DITCH AND GUARDRAIL, SEE ROADWAY PLANS.



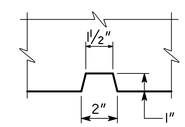
SECTION A-A

SCALE: 1/2″ = 1′-0″



DETAIL "A"

SCALE: 3/4″ = 1′-0″



RUSTICATION GROOVE

SCALE: 1/4″ = 1′-0″

DESIGN DATA

COHESION ---------- 0 PSF

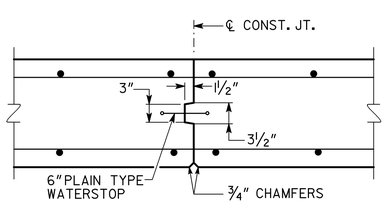
ANGLE OF INTERNAL FRICTION ---------- 28°

UNIT WEIGHT ---------- 120 PCF

SUMMARY OF QUANTITIES - WALL NO. 4F

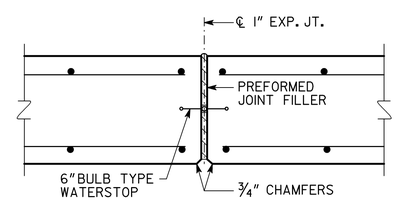
PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
617-1050	LUMP	LS	PERMANENTLY ANCHORED TIE DOWN WALL, NO - 4F

(NO SCALE)



DETAIL OF CONSTRUCTION JOINT

(NO SCALE)



DETAIL OF EXPANSION JOINT

(NO SCALE)

WALL NO. 4F

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

PLAN AND ELEVATION - RETAINING WALL 4F
RAMP STA. 302+45.00 - STA. 304+95.00
I-285 WB RAMP D
DEKALB COUNTY IMNHO-0285-01(354)

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

DRAWING NO. 32-018

WALL SHEET 2 OF 2

SCALE: 1″= 10′-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

...\WALLS\D71329Ow11s.dgn 8/6/2014 11:18:00 AM