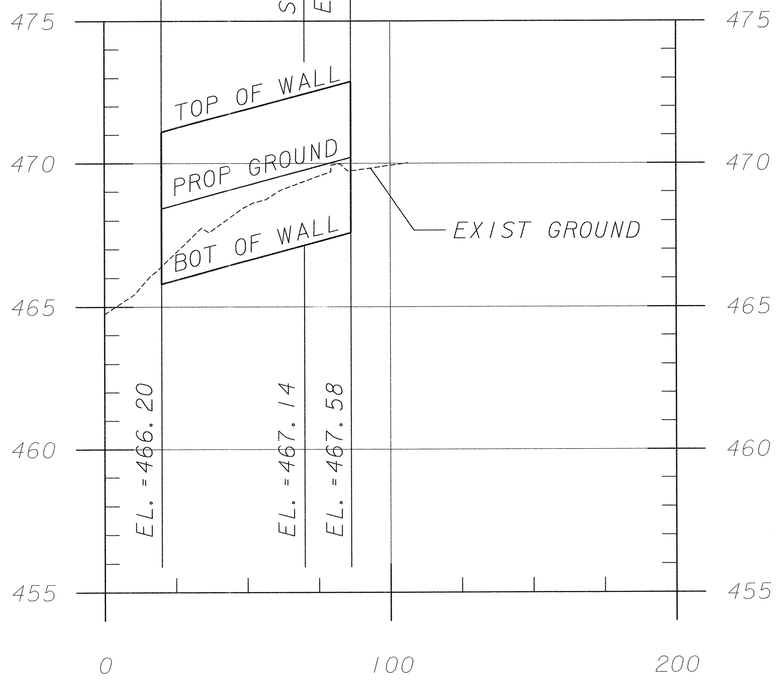
BEGIN WALL #13
STA. 446+34.85
TOP EL = 471.09
GA STD 4948B
TYPE 2

66.28'
(ARC)

END WALL #13
STA. 447+00.00
TOP EL = 472.88
GA STD 4948B
TYPE 2



GRESHAM SMITH AND PARTNERS

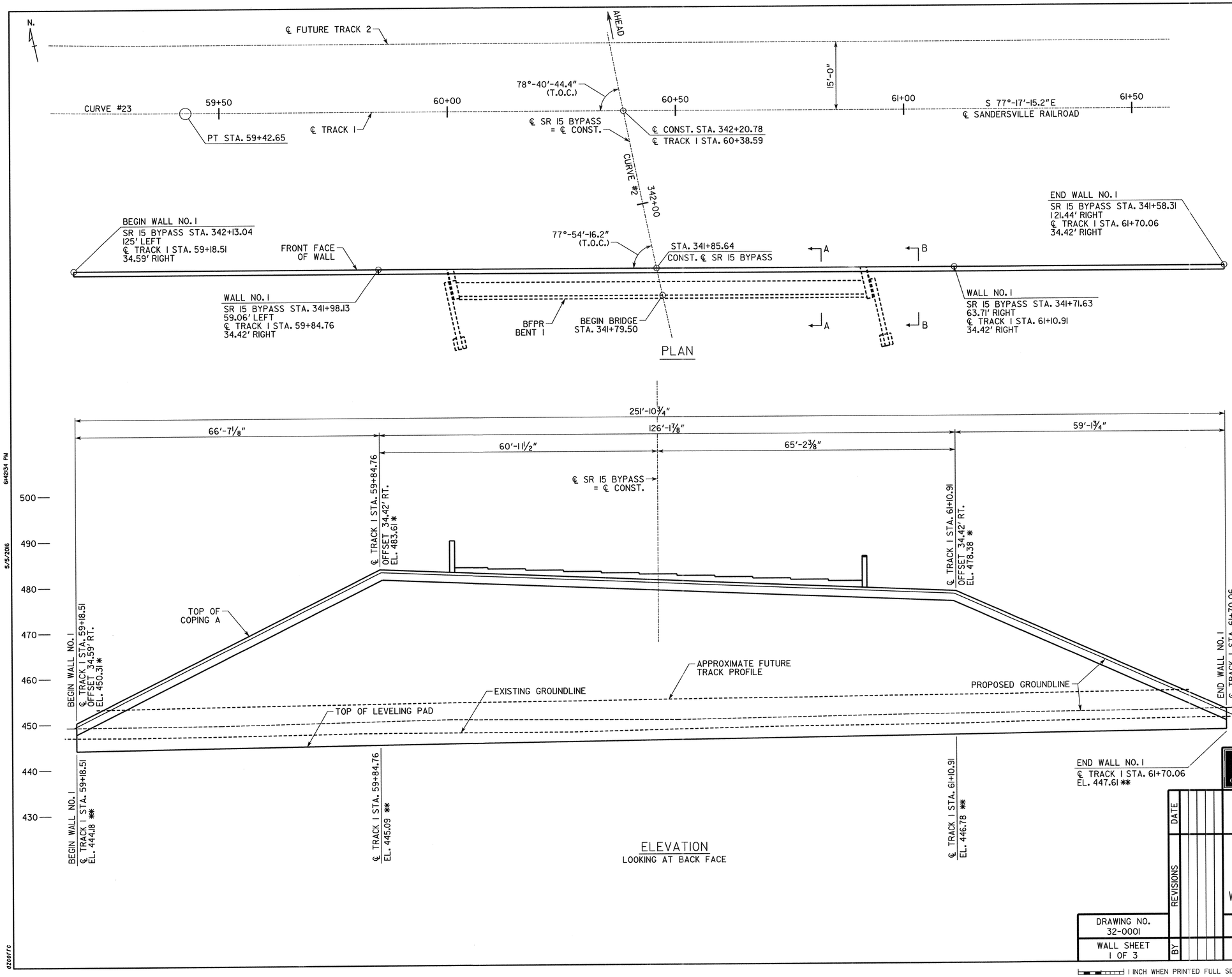
SCALE IN FEET
0 50 100 200

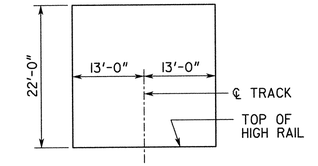
REVISION DATES

RETAINING WALL ENVELOPES
PROJECT: STP00-2992-00(003)
COUNTY: WASHINGTON

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

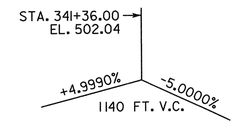




CONSTRUCTION CLEARANCE DIAGRAM

P.I. STA. = 346+61.80
Δ = 49°-09'-33.1" (RT)
D = 2°-12'-13.26"
T = 1189.25 FT.
L = 2230.77 FT.
R = 2600.00 FT.
S.E. = 4.2%

PROPOSED HORIZONTAL CURVE #2 DATA



PROPOSED VERTICAL CURVE DATA
SR 15 BYPASS

P.I. STA. = 58+85.33
Δ = 3°-49'-05.9" (LT)
D = 3°-19'-46.3"
T = 57.36 FT.
L = 114.68 FT.
R = 1720.84 FT.

PROPOSED HORIZONTAL CURVE #23 DATA

NOTES:

1. FOR MSE WALL SECTIONS SEE DRAWING 32-003.
2. STATIONS AND OFFSETS - STATIONS AND OFFSETS SHOWN ARE ALONG ℄ OF SR 15 BYPASS AND ℄ OF TRACK 1. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.
3. PILES AT END BENTS SHALL BE DRIVEN BEFORE WALL LEVELING PADS ARE CONSTRUCTED. SEE BRIDGE GENERAL NOTES FOR PROTECTION OF PILES FROM FILL SETTLEMENT.

* ELEVATION AT TOP OF COPING AT FRONT FACE OF WALL.
** MAXIMUM ELEVATION AT TOP OF LEVELING PAD.

T.O.C. TANGENT OF CURVE

WALL NO. 1

GRESHAM SMITH AND PARTNERS

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

PRELIMINARY WALL LAYOUT
SR 15 BYPASS
WASHINGTON COUNTY STP00-2992-00(003)

SCALE: 1" = 10'-0" MAY 2016

DESIGNED SAW / CAV | CHECKED TQT | REVIEWED DLC / SKG
DRAWN TJD | DESIGN GROUP EJL | APPROVED WMD

DRAWING NO. 32-0001
WALL SHEET 1 OF 3

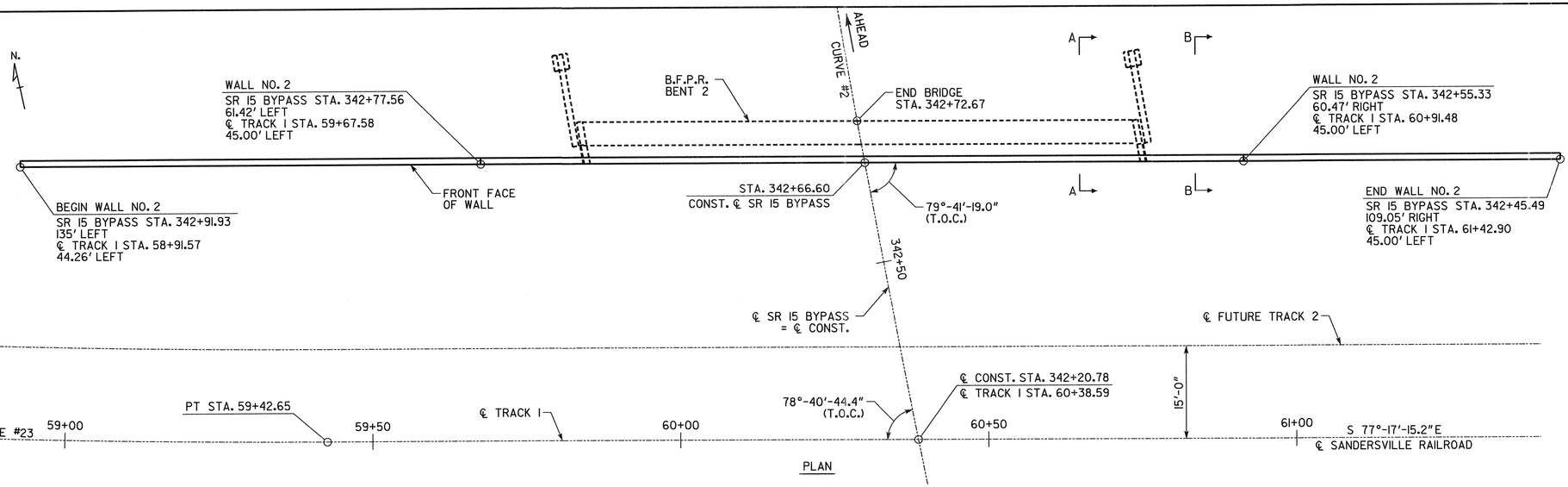
REVISIONS | BY | DATE

1 INCH WHEN PRINTED FULL SIZE

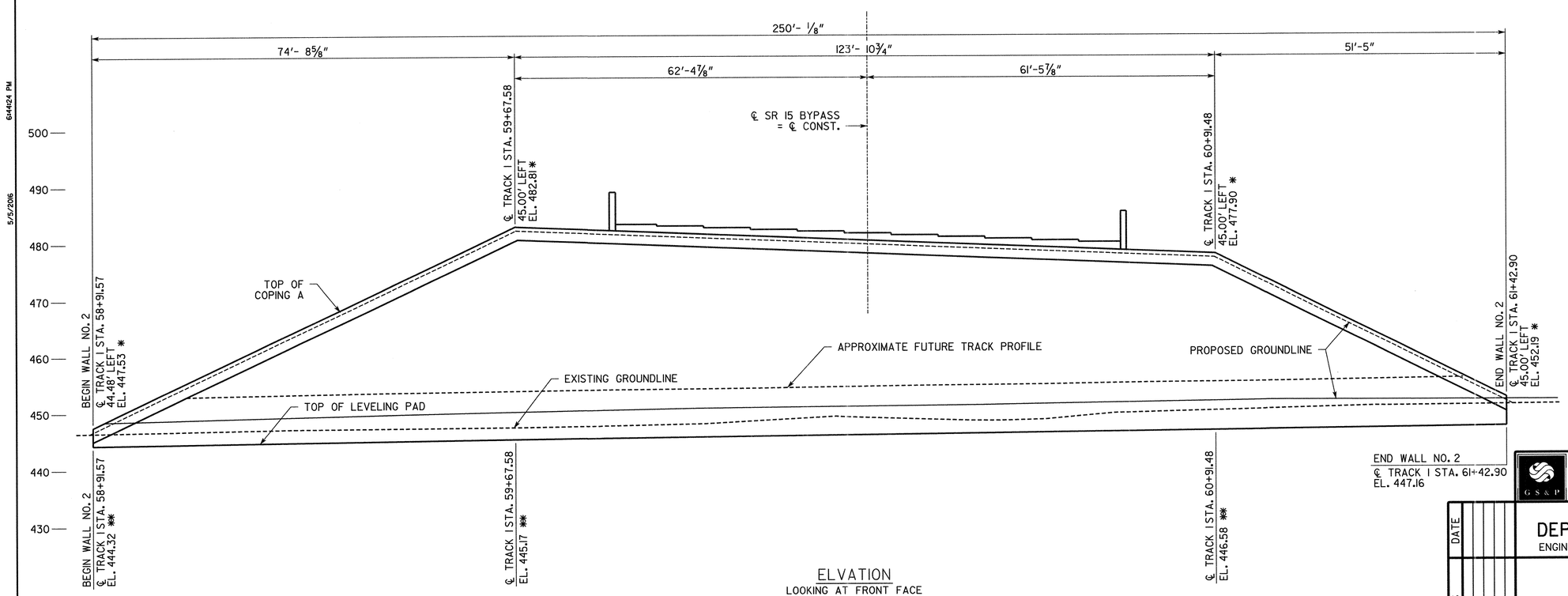
X.DGN

P.I. NO. 245090

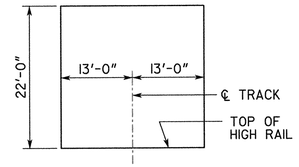
5/5/2016 6:42:34 PM



PLAN



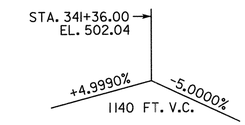
ELVATION
LOOKING AT FRONT FACE



CONSTRUCTION CLEARANCE DIAGRAM

P.I. STA. = 346+61.80
Δ = 49°-09'-33.1"(RT)
D = 2°-12'-13.26"
T = 1189.25 FT.
L = 2230.77 FT.
R = 2600.00 FT.
S.E. = 4.2%

PROPOSED HORIZONTAL CURVE #2 DATA



PROPOSED VERTICAL CURVE DATA
SR 15 BYPASS

P.I. STA. = 58+85.33
Δ = 3°-49'-05.9"(LT)
D = 3°-19'-46.3"
T = 57.36 FT.
L = 114.68 FT.
R = 1720.84 FT.

PROPOSED HORIZONTAL CURVE #23 DATA

NOTES:

1. FOR MSE WALL SECTIONS SEE DRAWING NO. 32-003.
2. STATIONS AND OFFSETS - STATIONS AND OFFSETS SHOWN ARE ALONG ℄ OF SR 15 BYPASS AND ℄ OF TRACK I. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.
3. PILES AT END BENTS SHALL BE DRIVEN BEFORE WALL LEVELING PADS ARE CONSTRUCTED. SEE BRIDGE GENERAL NOTES FOR PROTECTION OF PILES FROM FILL SETTLEMENT.

* ELEVATION AT TOP OF COPING AT FRONT FACE OF WALL.
** MAXIMUM ELEVATION AT TOP OF LEVELING PAD.

T.O.C. TANGENT OF CURVE

WALL NO. 2

GRESHAM SMITH AND PARTNERS

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

PRELMINARY WALL LAYOUT
SR 15 BYPASS
WASHINGTON COUNTY STP00-2992-00(003)

SCALE 1" = 10'-0" MAY 2016

DESIGNED SAW / CAV | CHECKED TQT | REVIEWED DLC / SKG
DRAWN TJD | DESIGN GROUP EJL | APPROVED WMD

DRAWING NO. 32-0002
WALL SHEET 2 OF 3

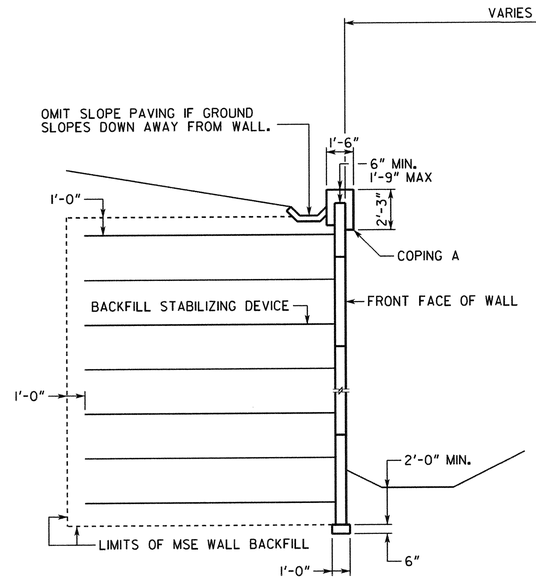
REVISIONS | BY | DATE

1 INCH WHEN PRINTED FULL SIZE

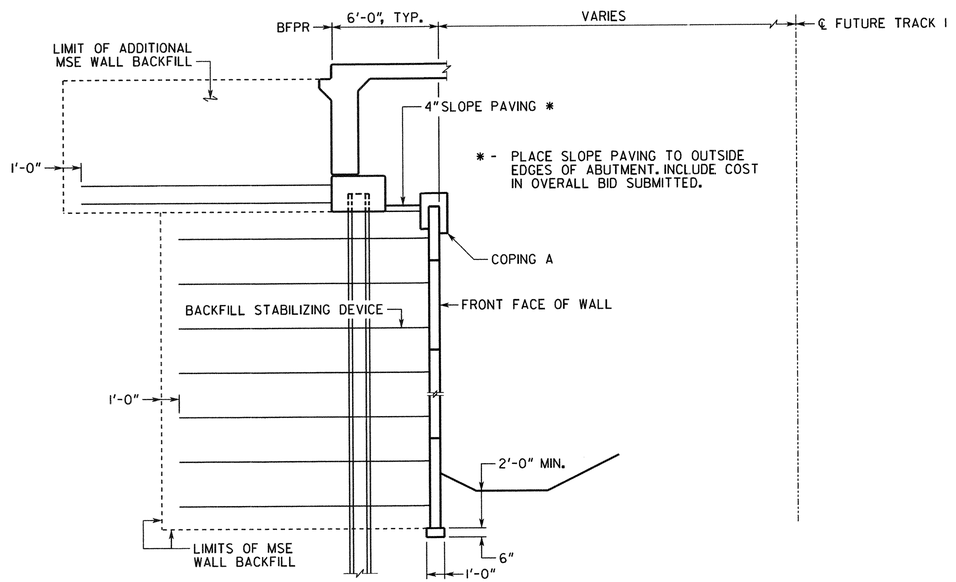
X.DGN

P.I. NO. 245090

6:44:24 PM 5/5/2016 G2001FG



SECTION B-B



SECTION A-A

GRESHAM SMITH AND PARTNERS

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

PRELIMINARY WALL LAYOUT
SR 15 BYPASS
WASHINGTON COUNTY STP00-2992-00(003)

SCALE: 1" = 10'-0" MAY 2016

DESIGNED SAW | CHECKED TQT | REVIEWED DLC / SKG
DRAWN TJD | DESIGN GROUP EJL | APPROVED WMD

DRAWING NO. 32-0003
WALL SHEET 3 OF 3

REVISIONS | BY | DATE

1 INCH WHEN PRINTED FULL SIZE

X.DGN

902336 AM
5/6/2016
azcirc