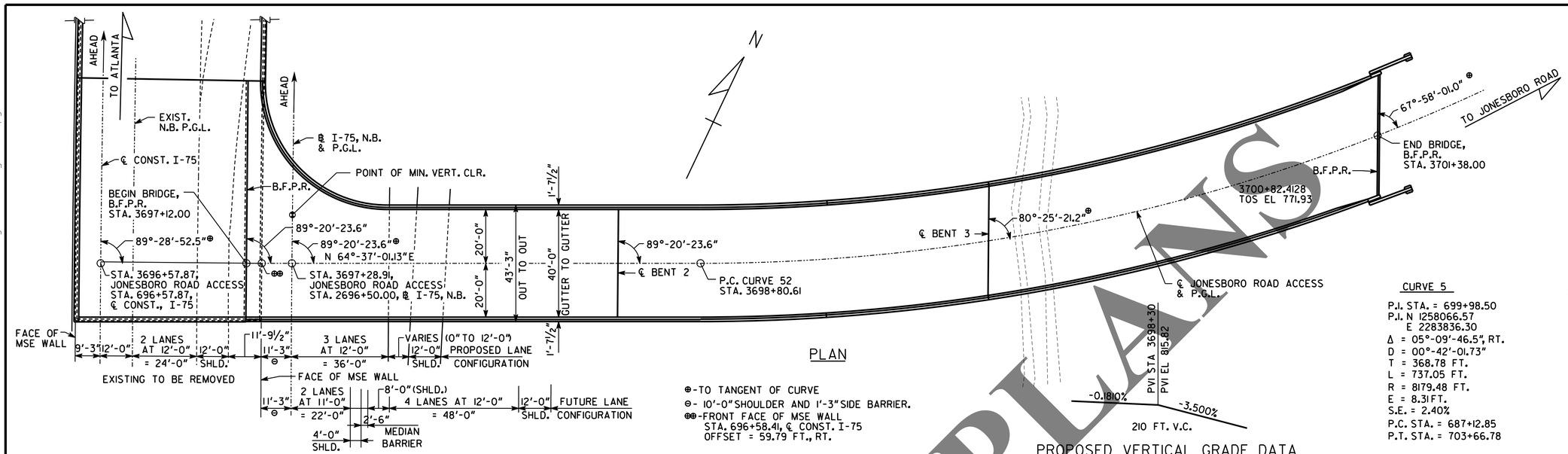
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSNHS-0009-00(156)	701	704



PLAN

⊕-TO TANGENT OF CURVE
⊖- 10'-0" SHOULDER AND 1'-3" SIDE BARRIER.
⊕⊕-FRONT FACE OF MSE WALL STA. 696+58.41, ℄ CONST. I-75 OFFSET = 59.79 FT., RT.

PROPOSED VERTICAL GRADE DATA
JONESBORO ROAD ACCESS

CURVE 52

P.I. STA. = 3702+48.94
P.I. N 1258011.54
E 2284514.59
Δ = 56°-11'-16.0", LT.
D = 08°-18'-13.45"
T = 368.33 FT.
L = 676.66 FT.
R = 690.00 FT.
E = 92.16 FT.
S.E. = 6.0%
P.C. STA. = 3698+80.61
P.T. STA. = 3705+57.26

JONESBORO ROAD ACCESS

CURVE 5

P.I. STA. = 699+98.50
P.I. N 1258066.57
E 2283836.30
Δ = 05°-09'-46.5", RT.
D = 00°-42'-01.73"
T = 368.78 FT.
L = 737.05 FT.
R = 8179.48 FT.
E = 8.31 FT.
S.E. = 2.40%
P.C. STA. = 687+12.85
P.T. STA. = 703+66.78

℄ CONST. I-75

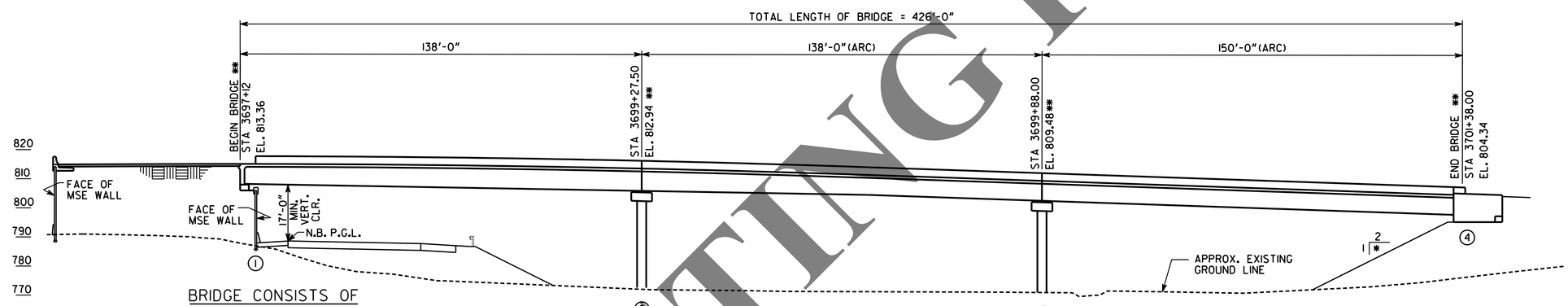
CURVE 48

P.I. STA. = 2697+81.55
P.I. N 1257904.57
E 2283982.42
Δ = 05°-20'-53.5", RT.
D = 00°-42'-23.97"
T = 378.69 FT.
L = 756.83 FT.
R = 8108.00 FT.
E = 8.84 FT.
S.E. = 2.0%
P.C.C. STA. = 2694+02.86
P.T. STA. = 2701+59.69

I-75, N.B.

BENCH MARK - CP#11

1" REBAR SET 4'± OFF EP
STA. 672+20.48, I-75
OFFSET = 51.87 FT., RT.
ELEV. 783.23
NORTHING: 1257393.42
EASTING: 2284224.09



ELEVATION

* -2:1 SLOPE NORMAL TO END BENT.

BRIDGE CONSISTS OF

2 - 138'-0" BULB TEE, 72 IN PSC BEAM SPANS ---------- SPECIAL DESIGN
1 - 150'-0" BULB TEE, 74 IN PSC BEAM SPAN ---------- SPECIAL DESIGN
2 - PILE END BENTS ---------- SPECIAL DESIGN
1 - CONCRETE INTERMEDIATE BENT ---------- SPECIAL DESIGN

DESIGN DATA

SPECIFICATIONS ---------- AASHTO LRFD, 5TH EDITION, 2010 (DESIGNED FOR SEISMIC PERFORMANCE ZONE 1)
TYPICAL HL-93 LOADING ---------- IMPACT ALLOWED
FUTURE PAVING ALLOWANCE ---------- 30 LBS PER SQ FT

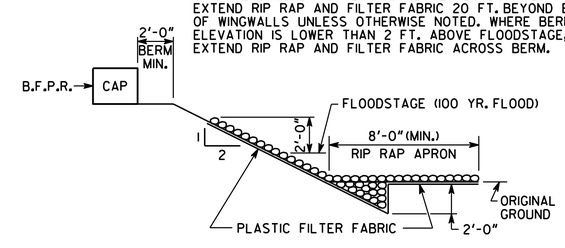
TRAFFIC DATA

TRAFFIC ---------- ADT = 7,700 (2015)
ADT = 9,200 (2035)
DESIGN SPEED ---------- 45 MPH
TRUCKS ---------- 0 %
DIRECTIONAL ---------- 100 %

UTILITIES
NONE

EXISTING GRADE DATA - I-75	
STATION	PGL ELEVATION (NB)
695+50	787.32
696+00	787.99
696+50	788.57
697+00	789.85
697+50	807.79

PLACE RIP RAP AND FILTER FABRIC FROM 2 FT. BELOW ORIGINAL GROUND TO 2 FT. ABOVE FLOODSTAGE. EXTEND RIP RAP AND FILTER FABRIC 20 FT. BEYOND END OF WINGWALLS UNLESS OTHERWISE NOTED. WHERE BERM ELEVATION IS LOWER THAN 2 FT. ABOVE FLOODSTAGE, EXTEND RIP RAP AND FILTER FABRIC ACROSS BERM.



RIP RAP DETAIL
NO SCALE

NOTES:

1. ALL BENTS ARE PARALLEL.
** 2. STATIONS ARE ALONG ℄ JONESBORO ROAD ACCESS. ELEVATIONS ARE PROFILE GRADE ELEVATIONS.
3. PROPOSED BRIDGE DECK IS TO BE BUILT ON 2.0% CROSS SLOPE, SLOPING DOWN TO THE LEFT.

PROJECT P.I. NO. 0009156

BRIDGE NO. 2

PARSONS
3577 PARKWAY LANE, SUITE 100
NORCROSS, GA 30092

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

PRELIMINARY LAYOUT
JONESBORO ROAD ACCESS OVER I-75 NB
HENRY COUNTY CSNHS-0009-00(156)

REVISIONS	BY	DATE

DRAWING NO. 35-002
BRIDGE SHEET 1 OF 1

SCALE: 1" = 20' FEBRUARY 2013

DESIGNED JCO CHECKED TED REVIEWED DLC/WMD
DRAWN RTK DESIGN GROUP DDF APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

COSTING PLANS

H:\646601 I-75 HOV\11 I-75 PACKAGE 2\99 DESIGN\04 Structures\Preliminary\9156 Bridge 2\Copy of 646601_Prelim_Jonesbo
9:54:42 PM
2/21/2013