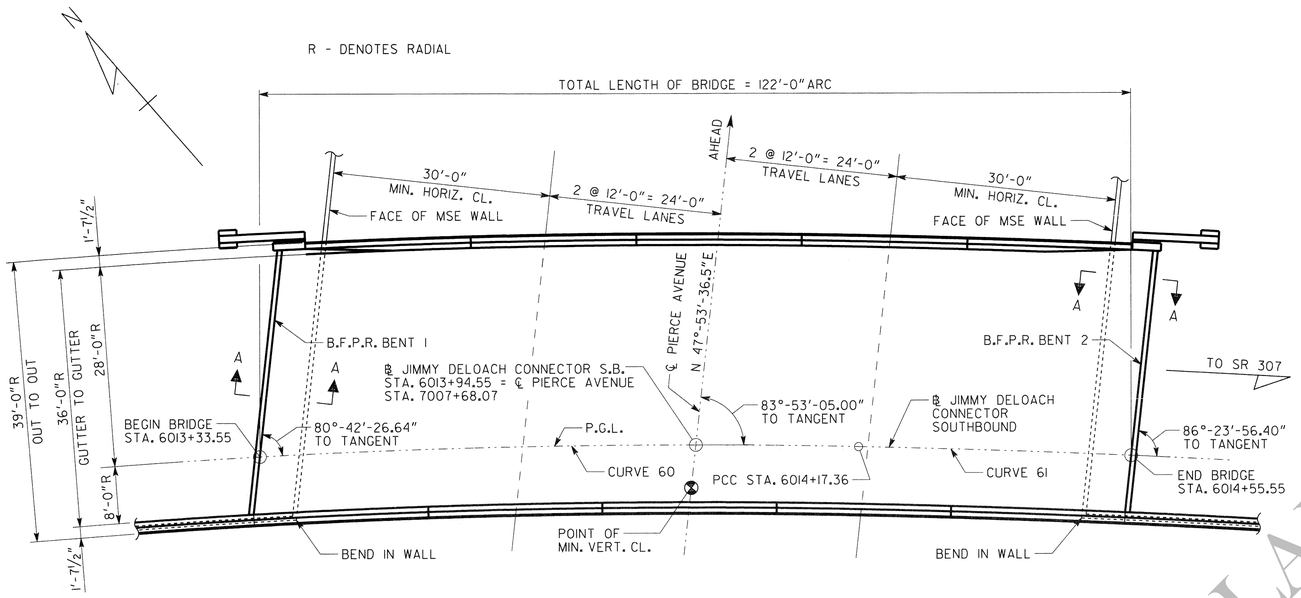
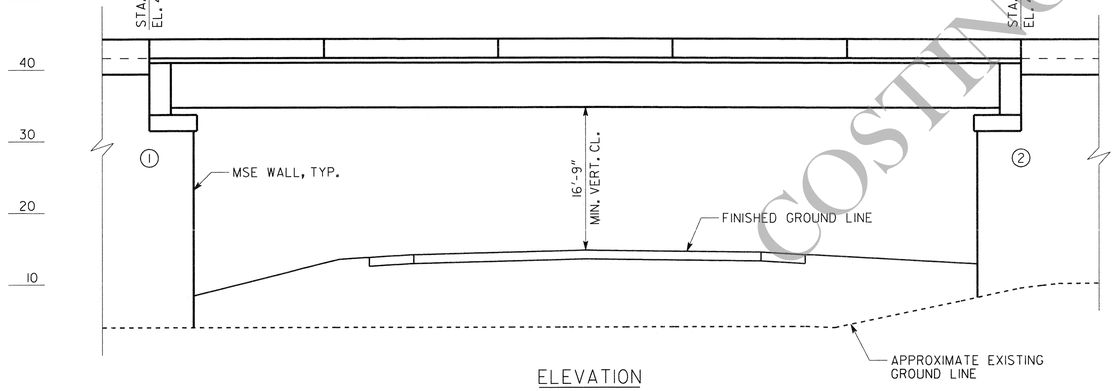
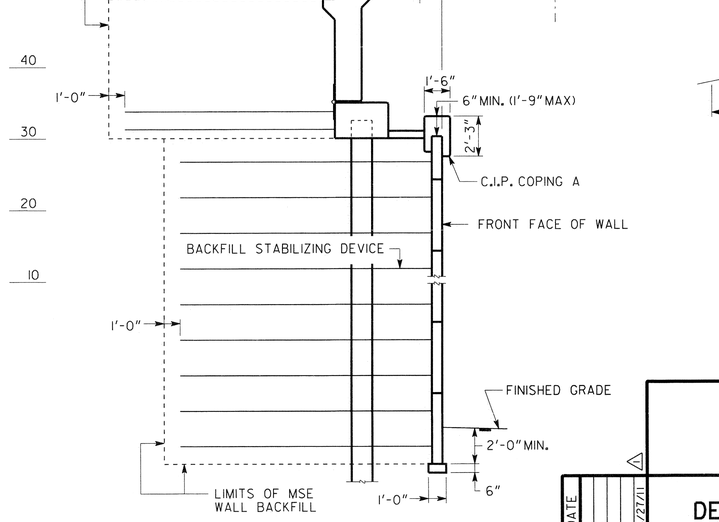
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSMSL-0008-00(690)		



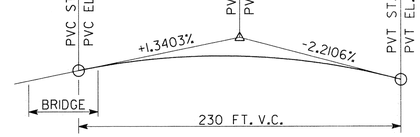
PLAN



ELEVATION



SECTION A-A
NO SCALE



PROPOSED GRADE DATA
PIERCE AVENUE

BRIDGE CONSISTS OF

1 - 122'-0" BULB TEE, 72 IN, PSC BEAM SPAN ---------- SPECIAL DESIGN

2 - PSC PILE END BENTS ---------- SPECIAL DESIGN

2 - END POST AND GUARDRAIL ATTACHMENT DETAIL ------- GA. STD. 3054 (9-30-02)
(L = 4'-0"; W = 1'-1"; H = 2'-8")
(L = 4'-6"; W = 1'-1"; H = 2'-8")

SQUARE PRESTRESSED CONCRETE PILES ---------- GA. STD. 3215 (2-22-84)

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 = 8,370 (2012)
ADT = 11,960 (2032)

DESIGN SPEED ---------- 55 MPH

TRUCKS ---------- 58 %

DIRECTIONAL ---------- 100 %

UTILITIES

NONE

CURVE 60

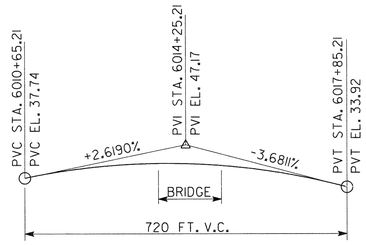
P.I. STA. = 6009+20.14
P.I. N 788584.17
E 961279.92
Δ = 57°-01'-15.9", RT.
D = 05°-12'-31.3"
T = 597.51FT.
L = 1094.73 FT.
R = 1100.00 FT.
E = 151.81FT.
S.E. = 6.0%
P.C. STA. = 6003+22.63
PC.C. STA. = 6014+17.36

HORIZONTAL CURVE DATA
JIMMY DELOACH CONNECTOR SOUTHBOUND

CURVE 61

P.I. STA. = 6019+58.07
P.I. N 787816.07
E 962119.91
Δ = 36°-17'-20.3", RT.
D = 03°-28'-20.9"
T = 540.71FT.
L = 1045.04 FT.
R = 1650.00 FT.
E = 86.34 FT.
S.E. = 5.4%
PC.C. STA. = 6014+17.36
P.T. STA. = 6024+62.40

HORIZONTAL CURVE DATA
JIMMY DELOACH CONNECTOR SOUTHBOUND



PROPOSED GRADE DATA
JIMMY DELOACH CONNECTOR SOUTHBOUND

NOTES:

1. BENTS ARE PARALLEL TO ℄ PIERCE AVENUE.
*2. STATIONS ARE ALONG ℄ JIMMY DELOACH CONNECTOR, SOUTHBOUND. ELEVATIONS ARE PROFILE GRADE ELEVATIONS.
3. PROPOSED BRIDGE DECK IS TO BE BUILT ON 6% CROSS SLOPE, SLOPING DOWN TO THE RIGHT.

COSTING PLANS

PROJECT P.I. NO. 0008690

BRIDGE 7

PARSONS
3577 PARKWAY LANE, SUITE 100
NORCROSS, GA 30092

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

PRELIMINARY LAYOUT
JIMMY DELOACH CONNECTOR S.B.
OVER PIERCE AVENUE
CHATHAM COUNTY CSMSL-0008-00(690)

BY	REVISIONS	DATE
JCO	REVISED NOTE	06/27/11

GEORGIA No. 21482 PROFESSIONAL ENGINEER JAGED C. DELONG

DRAWING NO. 35-07
BRIDGE SHEET 1 OF 1

SCALE: 1" = 10' JUNE 2011

DESIGNED JCO CHECKED JSV REVIEWED
DRAWN EPR DESIGN GROUP APPROVED

1 INCH WHEN PRINTED FULL SIZE

X.DGN