

EXISTING STRUCTURE
 STA - 180+42.00
 TYPE - STEEL ROLLED BEAM
 NORMAL CLEAR SPAN - 54', 38"
 SKEW - 90°
 ROADWAY WIDTH - 16'
 UNDERCLEARANCE - 14.9'

PROPOSED STRUCTURE
 STA - 180+42.00
 TYPE - STEEL PLATE GIRDER
 NORMAL CLEAR SPAN - 106'
 UNDERCLEARANCE - 12.87'
 SKEW - 90°
 ROADWAY WIDTH - 22'
 STRUCTURE NO S-41959D
 RECOMMENDED

HYDRAULIC DATA
 DRAINAGE AREA - 185 SQ MI
DESIGN STORM
 DISCHARGE - 8,107 CFS
 RETURN PERIOD - 10 YR
 WATER SURFACE ELEV - 1275.18 FT
 VELOCITY - 5.39 FT/S

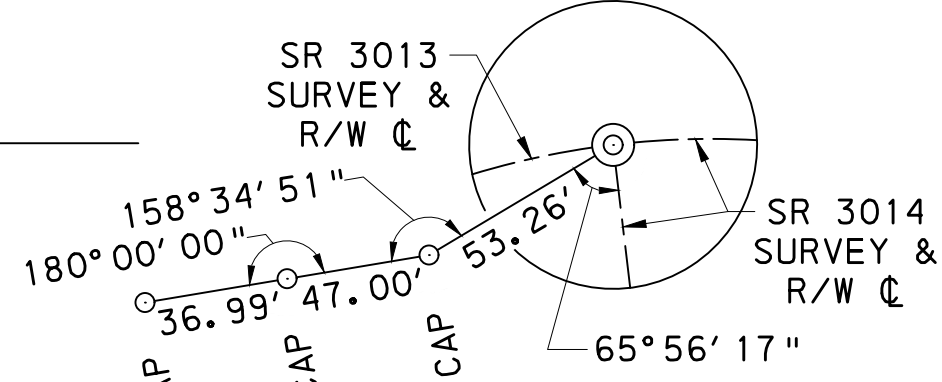
100 YEAR FEMA STORM
 DISCHARGE - 17,583 CFS
 WATER SURFACE ELEV - 1276.46 FT
 VELOCITY - 6.85 FT/S

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	WARREN	3014	B01 R/W	7 OF 11

PITTSFIELD TOWNSHIP

REVISION NUMBER	REVISIONS	DATE	BY

SR 3013 SURVEY & R/W (COLE HILL RD)
 PI STA 174+82.49
 $\Delta = 05^{\circ}14'52''$ LT
 T = 82.49'
 L = 164.87'
 R = 1800.00'
 E = 1.89'
 PC STA 174+00.00
 PT STA 175+64.87



POT STA 102+00.00 BK
 POT 1+97.67 AHD
 SR 3014 (OLD GARLAND RD)

BM#2 ELEV 1286.73
 63.0' RT STA 179+81.00
 SR 3014 (KANE RD) SURVEY & R/W
 MAG SPIKE IN EP #T40

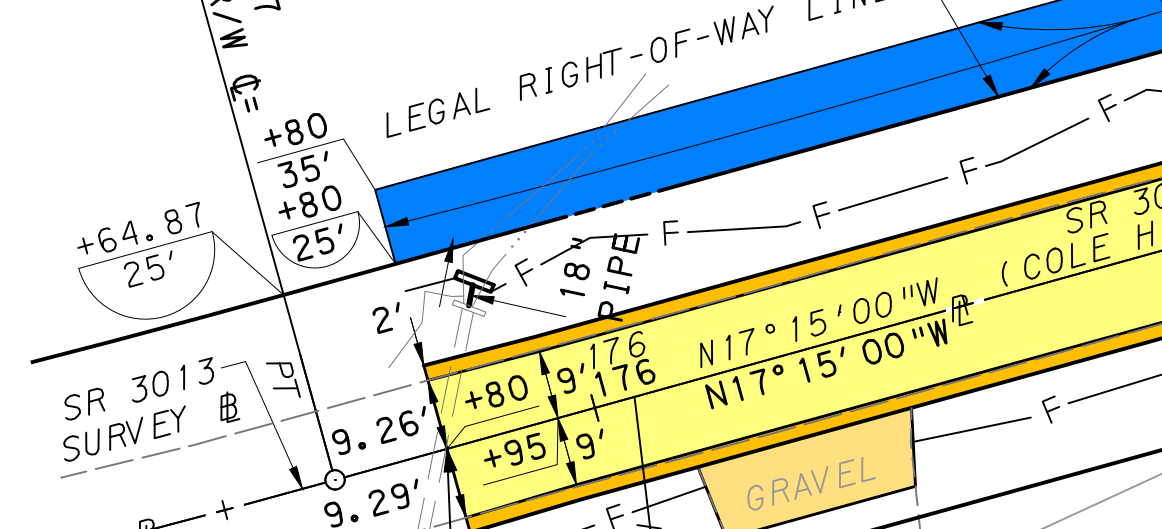
BM#1 ELEV 1275.99
 69.0' RT STA 182+81.00
 SR 3014 (KANE RD) SURVEY & R/W
 COTTON SPINDLE IN EP#00773

3014 SURVEY (KANE ROAD)
 PI STA 183+81.48
 $\Delta = 10^{\circ}50'00''$ LT
 T = 123.27'
 L = 245.80'
 R = 1300.00'
 E = 5.83'
 PC STA 182+58.21
 PT STA 185+04.01

SR 3014 SURVEY & R/W (KANE ROAD)
 PI STA 183+81.48
 $\Delta = 10^{\circ}50'00''$ LT
 T = 123.27'
 L = 245.80'
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 PC STA 182+58.21
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 PC STA 174+00.00
 PT STA 175+64.87

NEW GROWTH, LLC,
 A DELAWARE LIMITED LIABILITY COMPANY



END AUTHORIZATION
 STA 179+05.30
 SEG 0070 OFFSET 3123
 SR 3013

EQ PT STA 179+05.30 SR 3013=
 PC STA 179+14.37 SR 3014=
 POT STA 0+00.00 SR 3014

END AUTHORIZATION
 STA 180+76.00
 SEG 0030 OFFSET 2056
 SR 3014 SEC B01 R/W

TEMPORARY CONSTRUCTION EASEMENT

SR 3014 SURVEY & R/W (KANE ROAD)
 PI STA 183+81.48
 $\Delta = 10^{\circ}50'00''$ LT
 T = 123.27'
 L = 245.80'
 R = 1300.00'
 E = 5.83'
 PC STA 182+58.21
 PT STA 185+04.01



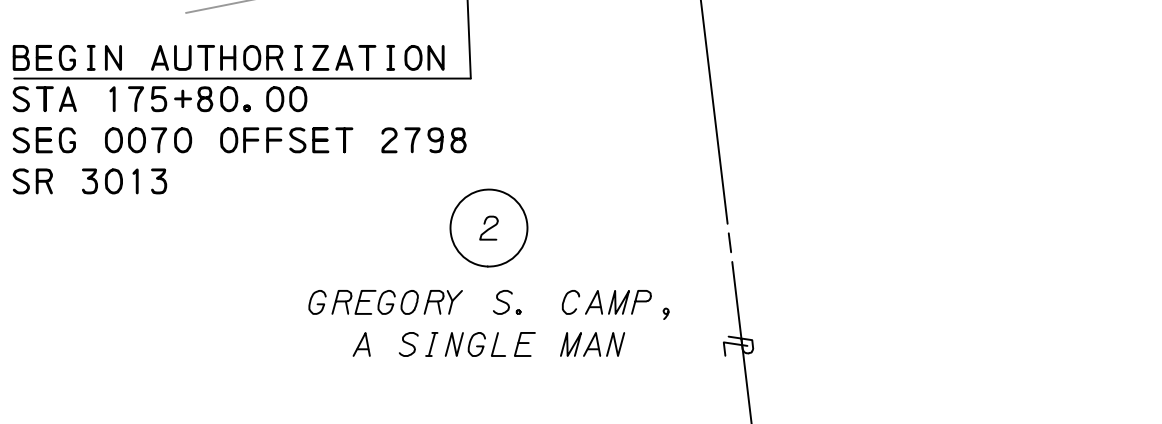
TEMPORARY CONSTRUCTION EASEMENT

NO5°55'59"W
 NO6°49'38"W

NO1°45'00"W
 NO1°45'00"W

N18°55'00"E
 N18°55'00"E

SR 3014 SURVEY & R/W (KANE RD)
 PI STA 183+81.48
 $\Delta = 10^{\circ}50'00''$ LT
 T = 123.27'
 L = 245.80'
 R = 1300.00'
 E = 5.83'
 PC STA 182+58.21
 PT STA 185+04.01



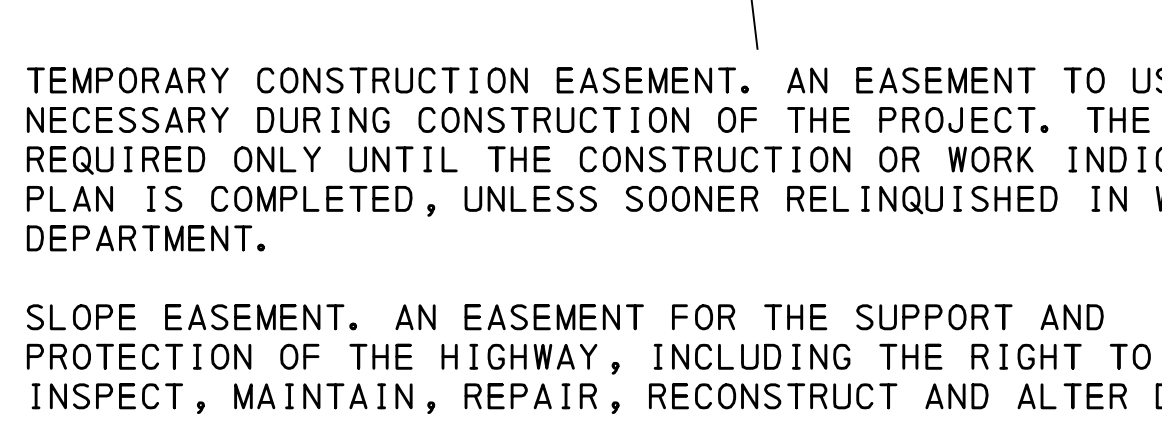
LIMIT OF AUTHORIZATION
 STA 101+30.00
 SEG 0040 OFFSET 0130
 SR 3014 SEC B01 R/W
 PITTSFIELD TOWNSHIP
 WARREN COUNTY

SR 3014 SURVEY & R/W (KANE ROAD)
 PI STA 181+42.29
 $\Delta = 20^{\circ}40'00''$ RT
 T = 59.26'
 L = 117.23'
 R = 325.00'
 E = 5.36'
 PC STA 180+83.04
 PT STA 182+00.26

BEGIN AUTHORIZATION
 STA 180+08.00
 SEG 0030 OFFSET 2124
 SR-3014 SEC B01 R/W

3014 SURVEY (KANE ROAD)
 PI STA 181+42.29
 $\Delta = 20^{\circ}40'00''$ RT
 T = 59.26'
 L = 117.23'
 R = 325.00'
 E = 5.36'
 PC STA 180+83.04
 PT STA 182+00.26

SR 3014 SURVEY & R/W (KANE ROAD)
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 PT STA 182+00.26



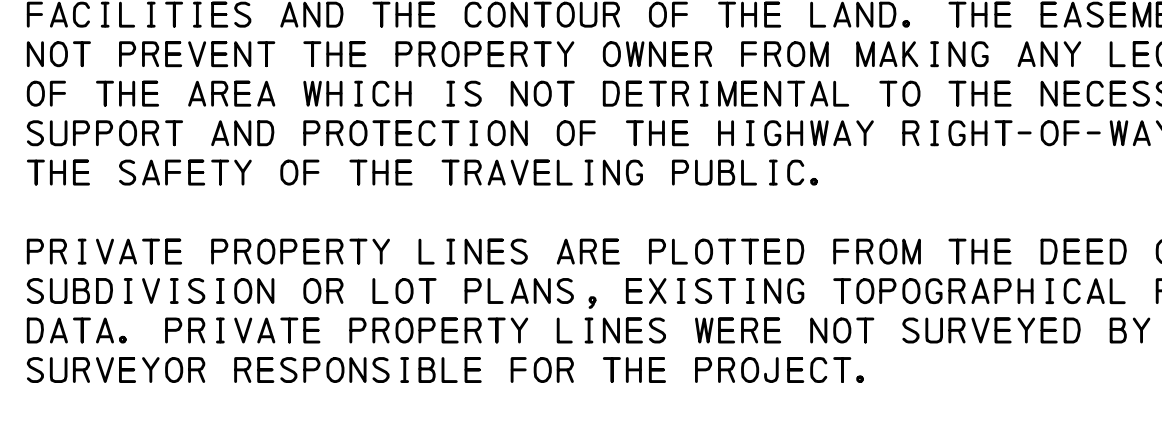
SR 3013 SURVEY & R/W (COLE HILL RD)
 PI STA 177+96.16
 $\Delta = 10^{\circ}25'22''$ RT
 T = 109.45'
 L = 218.29'
 R = 89.17'
 L = 177.77'
 R = 900.00'
 E = 4.41'
 PC STA 177+27.54
 PT STA 179+05.30
 SE = 6.4%

EQ POT STA 102+00.00 BK
 POT 1+97.67 AHD
 SR 3014 SURVEY & R/W
 POT STA 1+97.67 AHD
 SR 3014 SURVEY & R/W
 POT STA 1+97.67 AHD
 SR 3014 SURVEY & R/W

SR 3014 SURVEY & R/W (KANE ROAD)
 PI STA 179+47.24
 $\Delta = 04^{\circ}10'59''$ RT
 T = 32.87'
 L = 65.71'
 R = 900.00'
 E = 0.60'
 PC STA 179+14.37
 PT STA 179+80.08
 SE = 6.4%

SR 3014 SURVEY & R/W (KANE ROAD)
 PI STA 181+42.29
 $\Delta = 20^{\circ}40'00''$ RT
 T = 59.26'
 L = 117.23'
 R = 325.00'
 E = 5.36'
 PC STA 180+83.04
 PT STA 182+00.26

LIMIT OF AUTHORIZATION
 STA 182+50.00
 SEG 0030 OFFSET 1882
 SR 3014 SEC B01 R/W
 PITTSFIELD TOWNSHIP
 WARREN COUNTY



DAVID M. WOOD AND SHELLEY WOOD, HUSBAND AND WIFE AS COMMUNITY PROPERTY

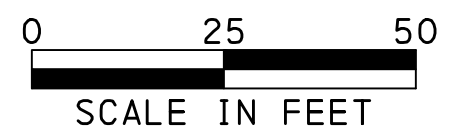
GREGORY S. CAMP, A SINGLE MAN

CHARLES M. PFADT, SINGLE

GREGORY S. CAMP, A SINGLE MAN

PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT.

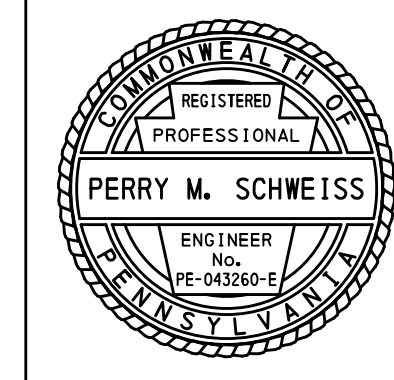
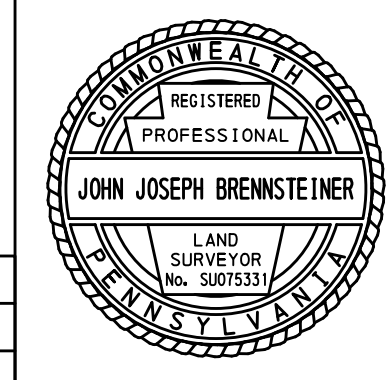
FOR RIGHT-OF-WAY CLAIM INFORMATION OF PARCELS 1, 2 & 3, SEE SHEET 10
 FOR RIGHT-OF-WAY CLAIM INFORMATION OF PARCELS 4 & 5, SEE SHEET 11

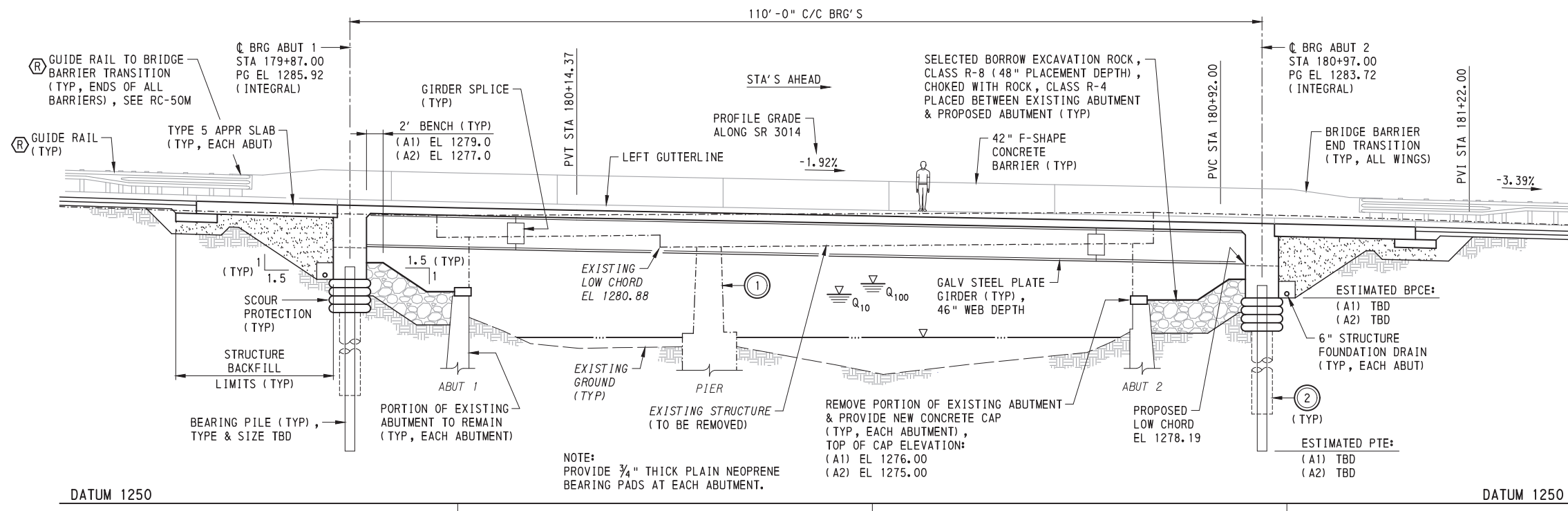


FOR PROFILE, SR 3014 SEE SHEETS 8 & 9
 FOR PROFILE, SR 3013 SEE SHEET 8

DESIGNED BY: SUCEVIC, PICCOLOMINI & KUCHAR ENGINEERING, INC.
 DESIGN BY: JRC DRAWN BY: SPK CHECKED BY: PMS

SURVEY BOOK NO 20668





ELEVATION/SECTION ALONG SR 3014



HORIZ CURVE DATA
SR 3014
KANE ROAD

PI STA 181+41.86
 $\Delta = 20^\circ 40' 00''$ RT
 T = 39.20'
 L = 77.55'
 R = 215.00'
 E = 3.54'
 PC STA 181+02.66
 PT STA 181+80.21

HORIZ CURVE DATA
SR 3014
OLD GARLAND ROAD

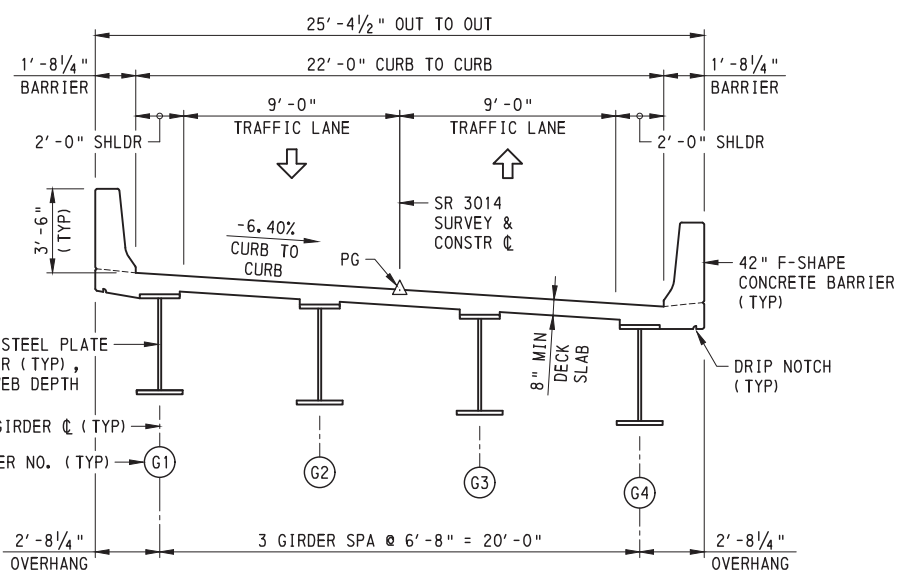
TANGENT

HORIZ CURVE DATA
SR 3013
COLE HILL ROAD

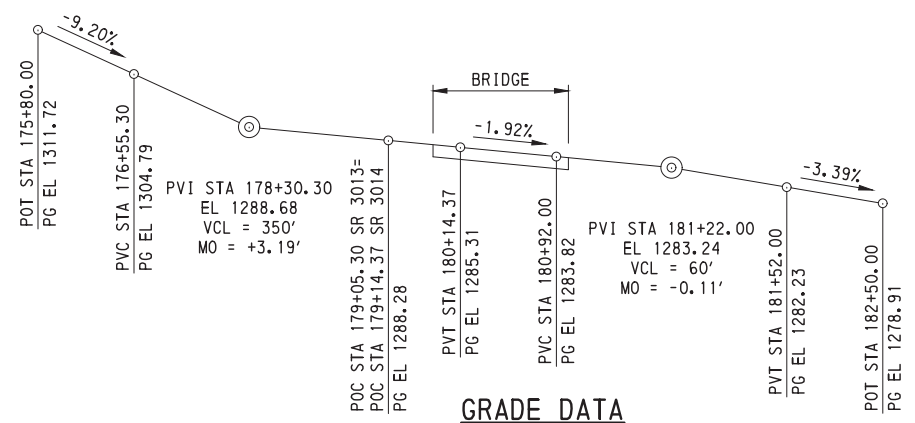
PI STA 178+16.71
 $\Delta = 11^\circ 19' 01''$ RT
 T = 89.17'
 L = 177.77'
 R = 900.00'
 E = 4.41'
 PC STA 177+27.54
 PT STA 179+05.30

LEGEND:

- ① REMOVE ENTIRE EXISTING PIER
- ② PRE-DRILLED HOLE FOR BEARING PILES, 10' MIN LENGTH, DIAMETER SIZE TBD (TYP, EACH ABUT)
- A1 = ABUTMENT 1
- A2 = ABUTMENT 2
- BPCE = BOTTOM OF PILE ELEVATION
- PTE = PILE TIP ELEVATION
- TBD = TO BE DETERMINED
- (R) DENOTES ROADWAY ITEM
- INDICATES TRAFFIC DIRECTION



TYPICAL DECK SECTION
(LOOKING STATIONS AHEAD)



GRADE DATA
SR 3014

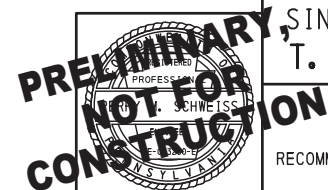
Mark	Description	By	Chk'd	Rec'd	Date
REVISIONS					

SR 3014, PREVIOUSLY KNOWN AS LR 61010 & LR 61043
 BMS STR ID: 61-3014-0030-2054 MPMS/ECMS PROJ: 97448 BRKEY: 34175

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

WARREN COUNTY
SR 3014 SECTION B01
 SEGMENT 0030 OFFSET 2054
 SR 3014-B01 STA 180+42.00
 OVER BROKENSTRAW CREEK

SINGLE SPAN COMPOSITE STEEL PLATE GIRDER BRIDGE
T. S. & L. ELEVATION & TYPICAL SECTION



SHEET 2 OF 3

RECOMMENDED _____ S-41959D

