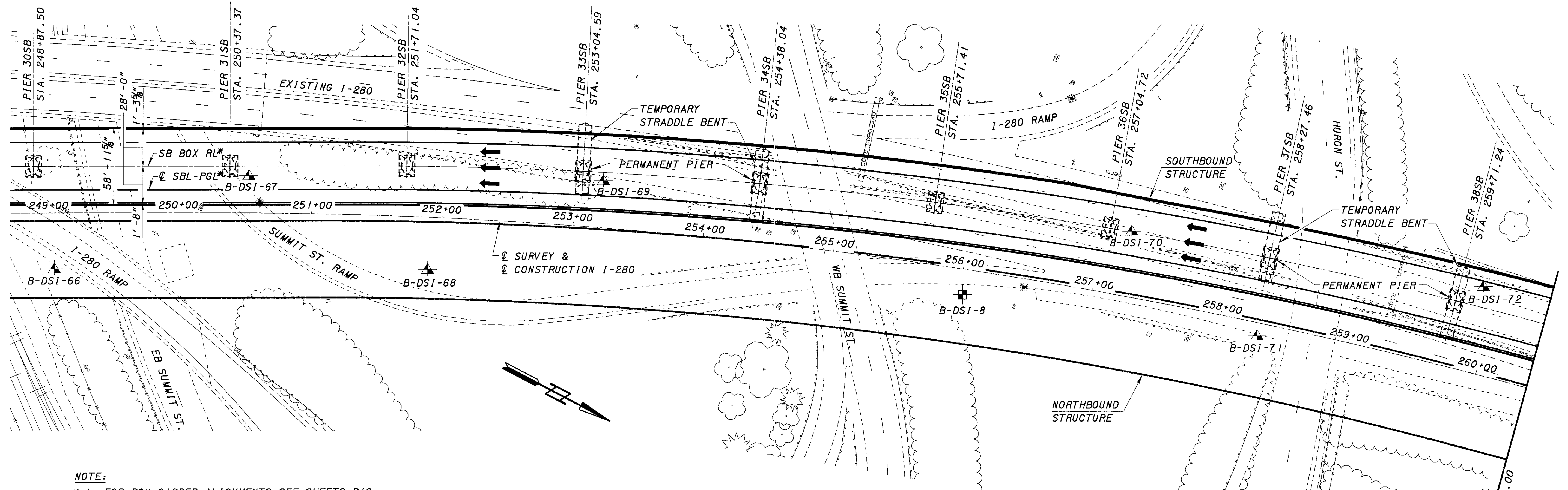


06/06/01
... \B-031.DGN



NOTE:

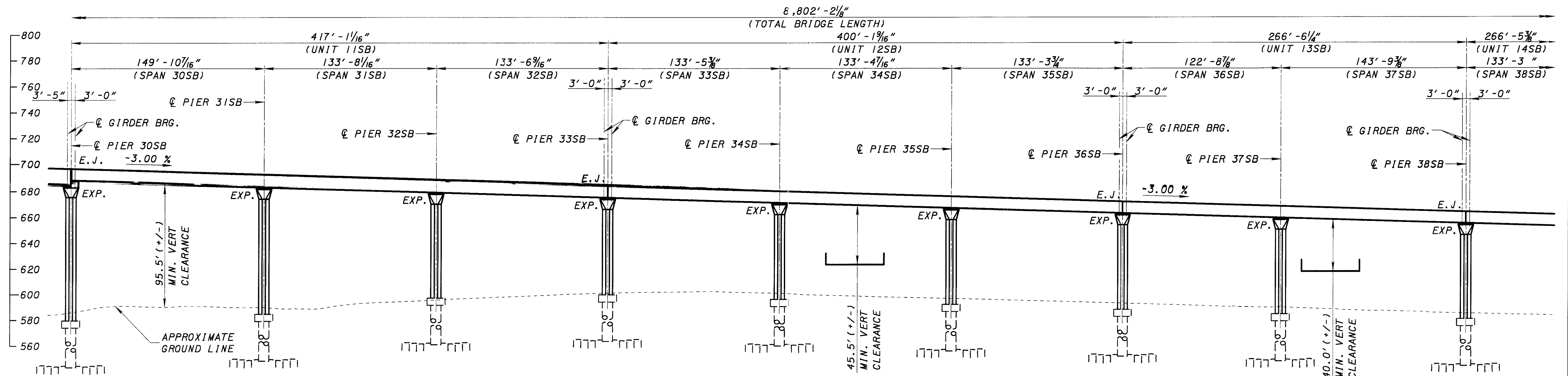
1. FOR BOX GIRDER ALIGNMENTS SEE SHEETS B10 THRU B19.
2. DENOTES BORING LOCATION. FOR BORING LOG INFORMATION SEE SHEETS 1585 THRU 1879.
3. FOR SURVEY BENCH MARK INFORMATION SEE ROADWAY PLANS SHEETS 8 THRU 16.
4. FOR UTILITY AND RIGHT OF WAY INFORMATION SEE ROADWAY PLANS SHEET 96-148, 162-172, 370-373.
5. ELEVATION OF DRILLED SHAFT TIPS NOT TO SCALE.

PLAN

CURVE #3

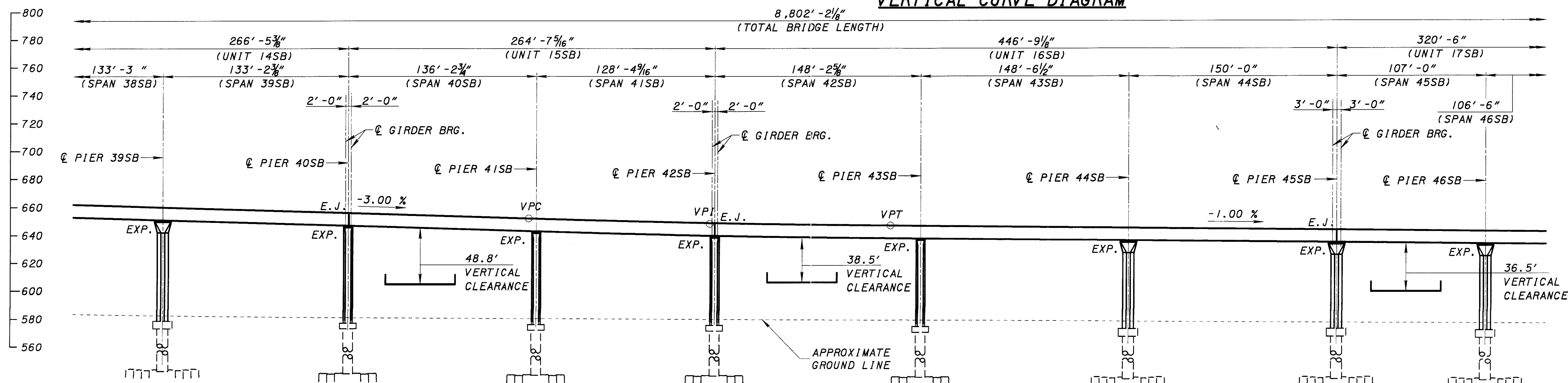
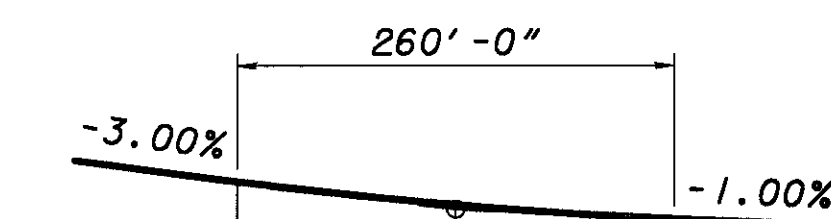
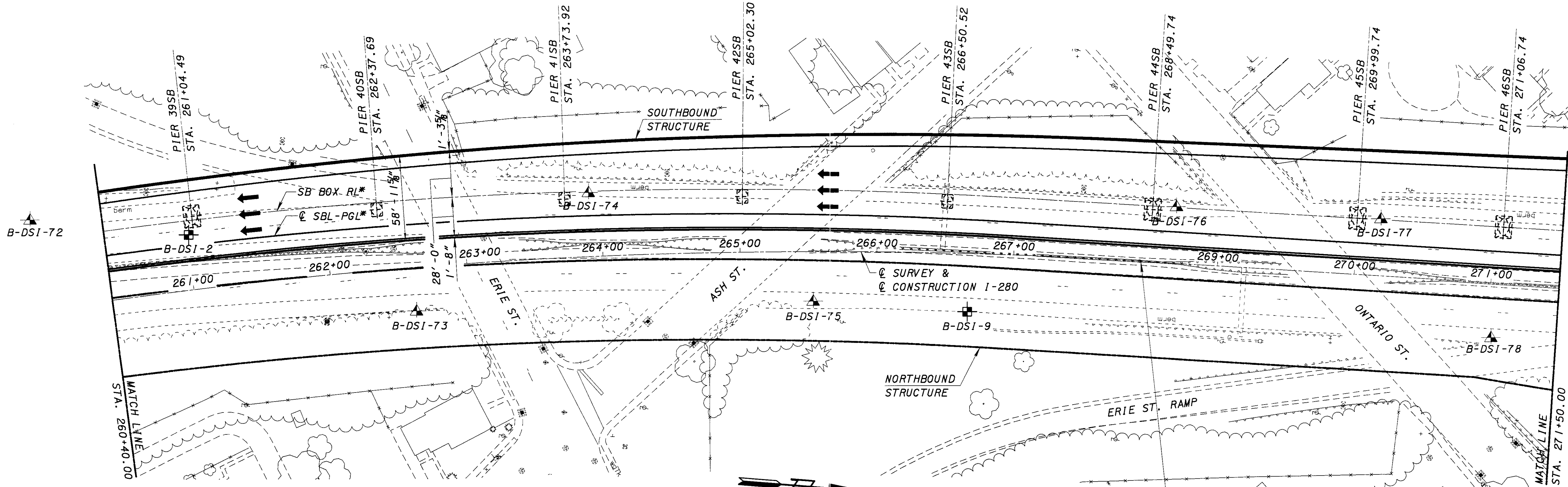
I-280 CURVE DATA

P.I. Sta = 259+23.85
D = 26° 31' 49" (RT)
Dc = 1° 30' 00"
R = 3,819.72'
T = 900.49'
L = 1,768.69'
E = 104.71'



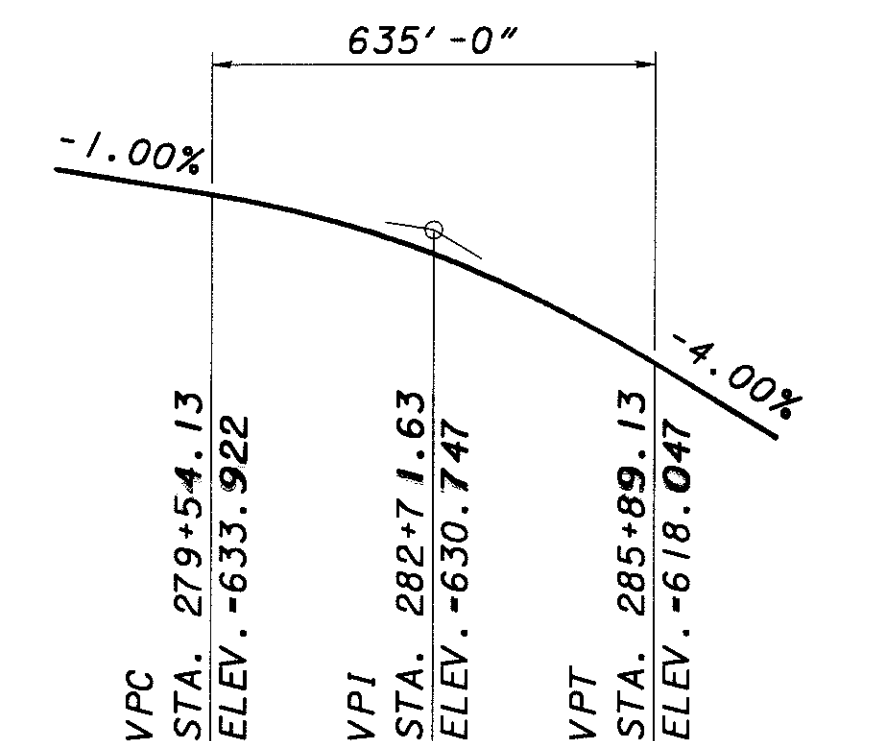
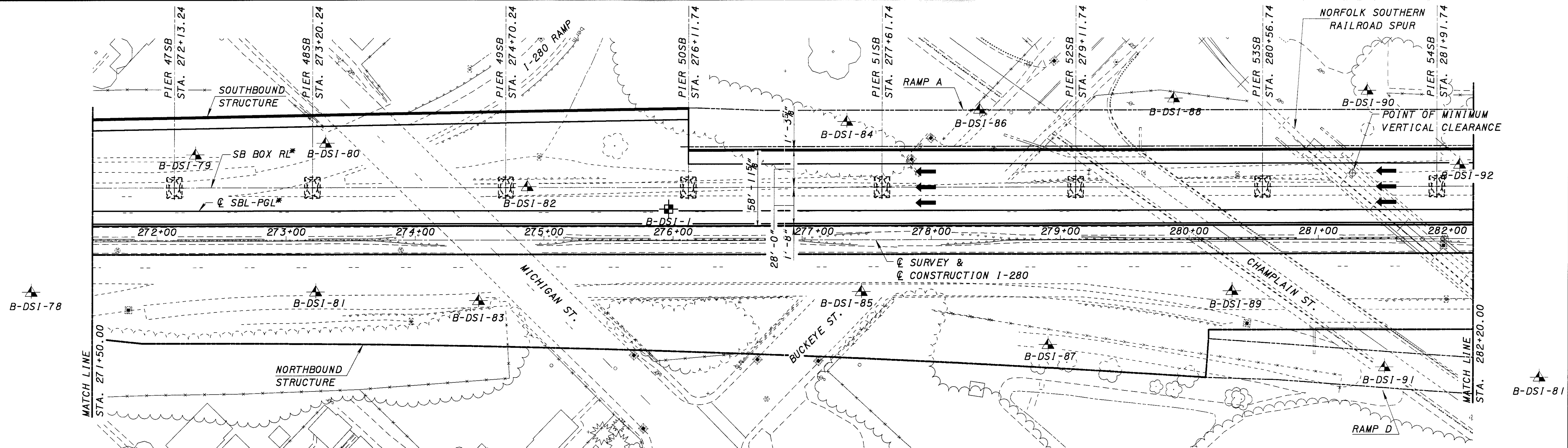
ELEVATION

(STATIONS AND SPAN LENGTHS SHOWN ARE TAKEN
ALONG ϕ SURVEY & ϕ CONSTRUCTION I-280)



06/06/01
... \B-032.DGN

06/06/01
...VB-033.DGN



PLAN

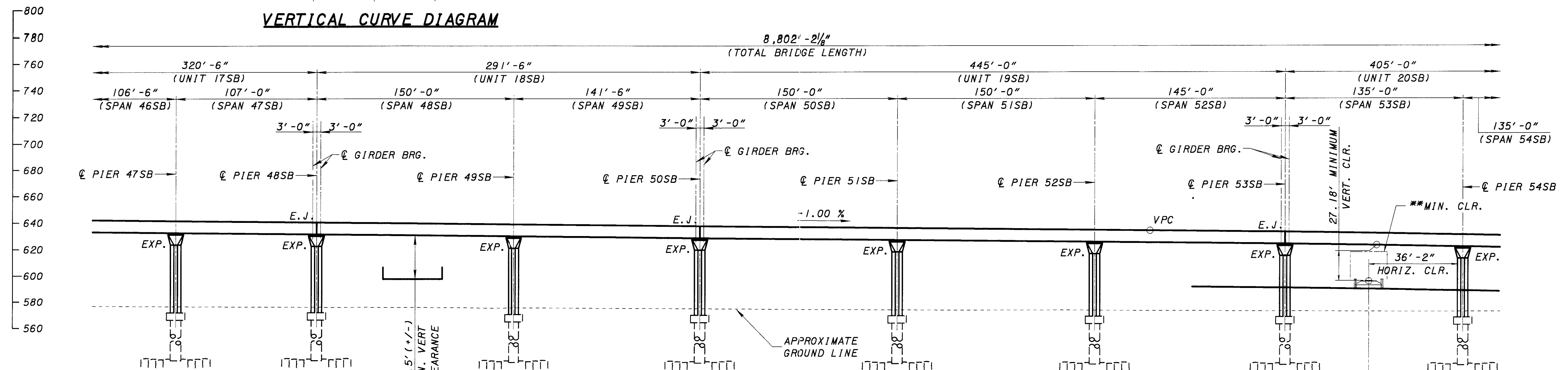
NOTE:

1. FOR BOX GIRDER ALIGNMENTS SEE SHEETS B10 THRU B19.
2. DENOTES BORING LOCATION. FOR BORING LOG INFORMATION SEE SHEETS 1585 THRU 1879.
3. FOR SURVEY BENCH MARK INFORMATION SEE ROADWAY PLANS SHEETS 8 THRU 16.
4. FOR UTILITY AND RIGHT OF WAY INFORMATION SEE ROADWAY PLANS SHEETS 96-148, 162-172, 370-373.

NOTE:

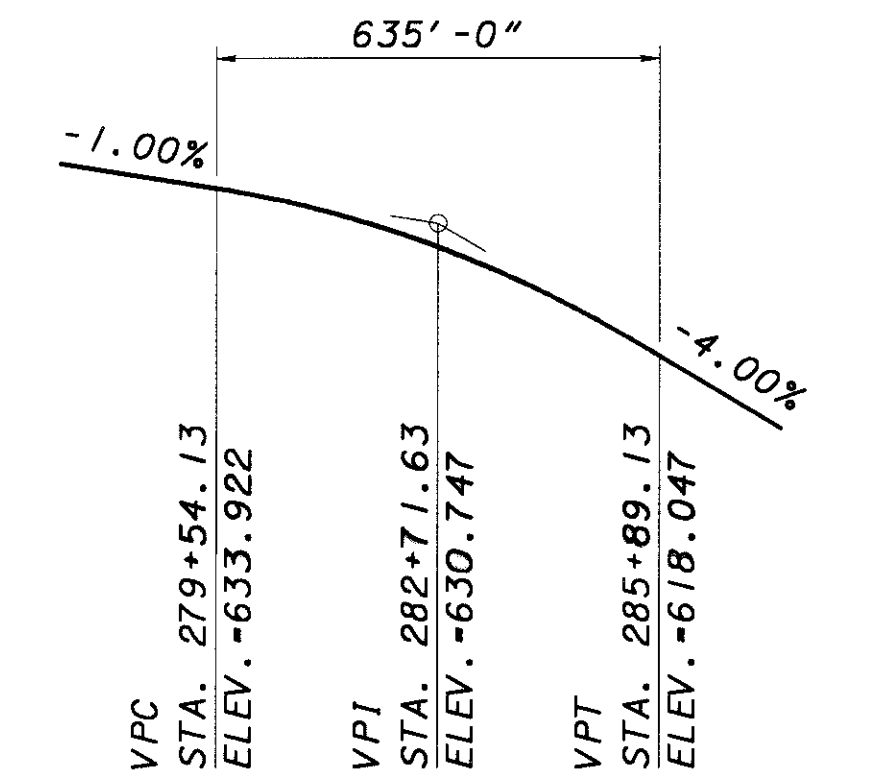
5. REQUIRED CONSTRUCTION CLEARANCE SHALL BE MINIMUM OF 14'-0" HORIZONTAL FROM ϕ OF TRACKS AND 22'-0" VERTICAL AS MEASURED 6'-0" FROM ϕ TRACKS. IF THE REQUIRED MINIMUM CONSTRUCTION CLEARANCES NEED TO BE ENCROACHED UPON BY THE CONTRACTOR DUE TO HIS MEANS AND METHODS, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND OBTAIN WRITTEN PERMISSION FROM THE AFFECTED RAILROAD.
6. ELEVATION OF DRILLED SHAFT TIPS NOT TO SCALE.

VERTICAL CURVE DIAGRAM

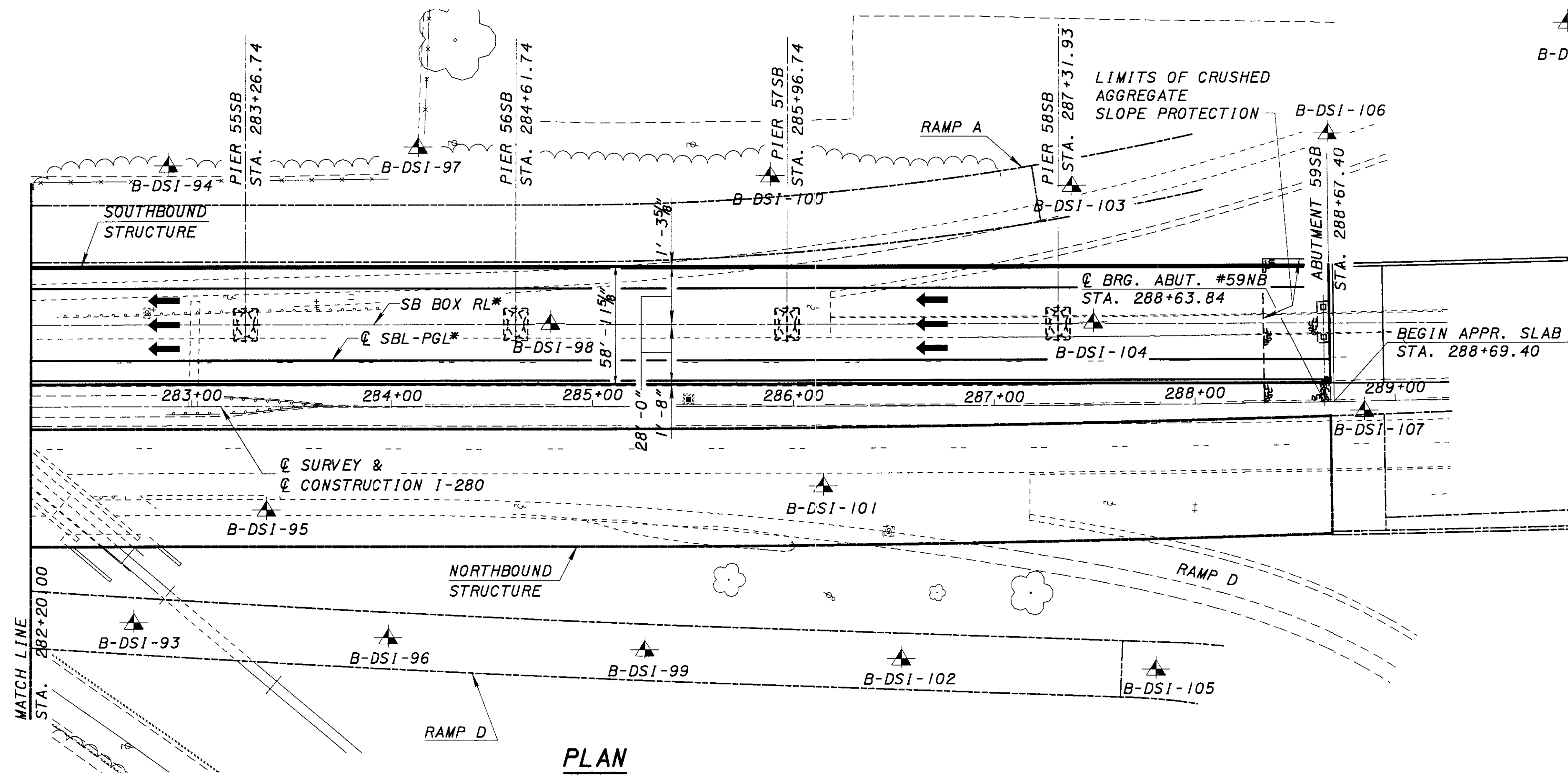


ELEVATION

(STATIONS AND SPAN LENGTHS SHOWN ARE TAKEN
ALONG ϕ SURVEY & ϕ CONSTRUCTION I-280)



VERTICAL CURVE DIAGRAM

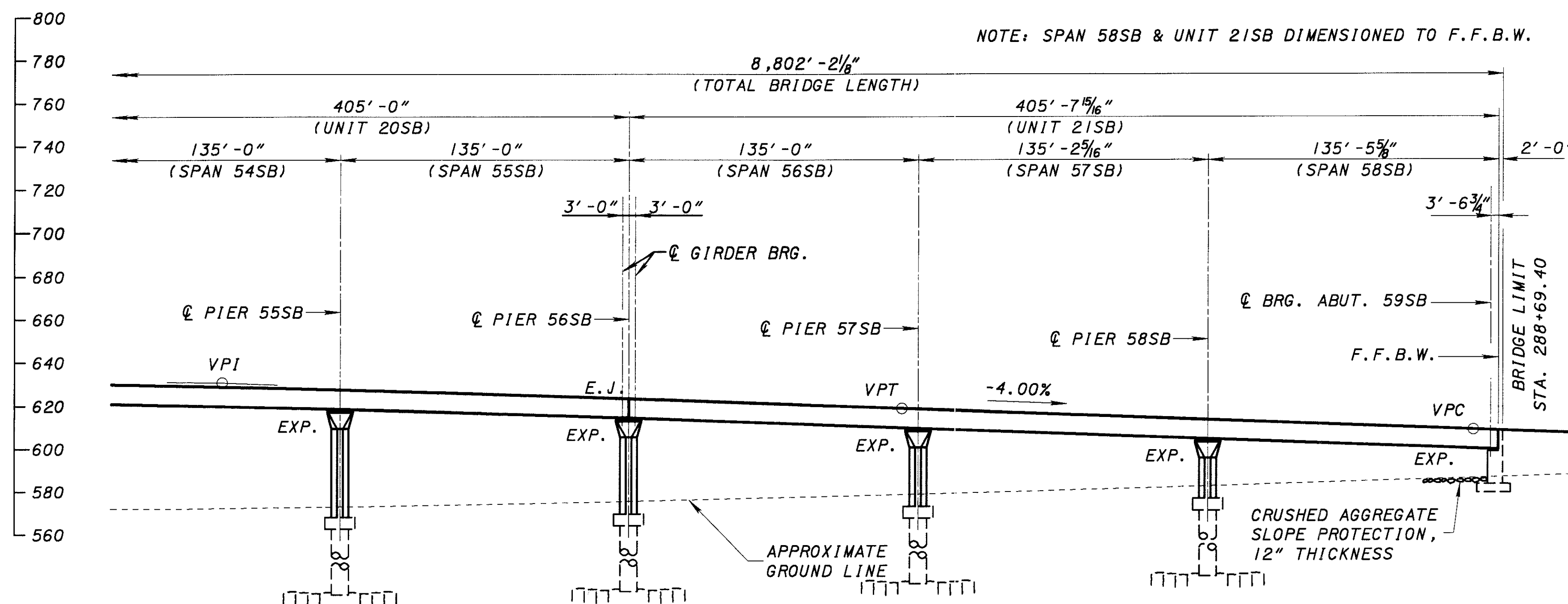


PLAN

CURVE #4

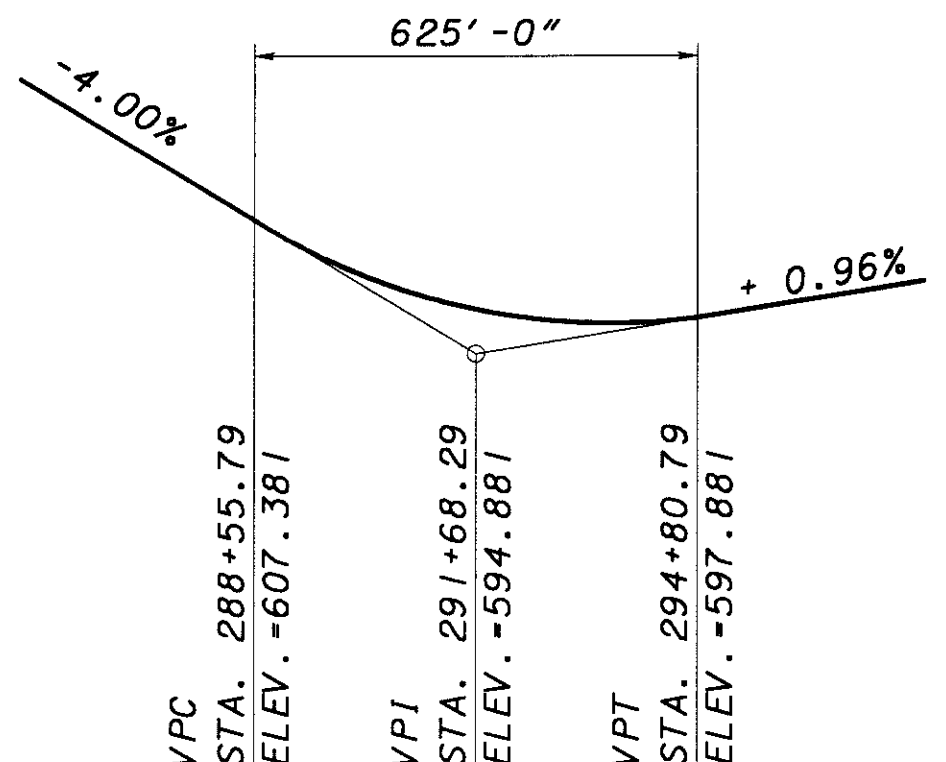
I-280 CURVE DATA

P.I. Sta = 290+40.19
D = 3° 37' 09" (LT)
Dc = 0° 30' 00"
R = 11,459.16'
T = 362.03'
L = 723.82'
E = 5.72'



ELEVATION

(STATIONS AND SPAN LENGTHS SHOWN ARE TAKEN
ALONG ϕ SURVEY & ϕ CONSTRUCTION I-280)



VERTICAL CURVE DIAGRAM

NOTE:

1. FOR BOX GIRDER ALIGNMENTS SEE SHEETS B10 THRU B19.
2. $\blacktriangle$, $\blacksquare$ DENOTES BORING LOCATION. FOR BORING LOG INFORMATION SEE SHEETS 1585 THRU 1879.
3. FOR SURVEY BENCH MARK INFORMATION SEE ROADWAY PLANS SHEETS 8 THRU 16.
4. FOR UTILITY AND RIGHT OF WAY INFORMATION SEE ROADWAY PLANS SHEET 96-148, 162-172, 370-373.
5. EARTHWORK LIMITS HAVE NOT BEEN SHOWN. ACTUAL SLOPES SHALL CONFORM TO ROADWAY PLAN CROSS-SECTIONS.
6. ELEVATION OF DRILLED SHAFT TIPS NOT TO SCALE.