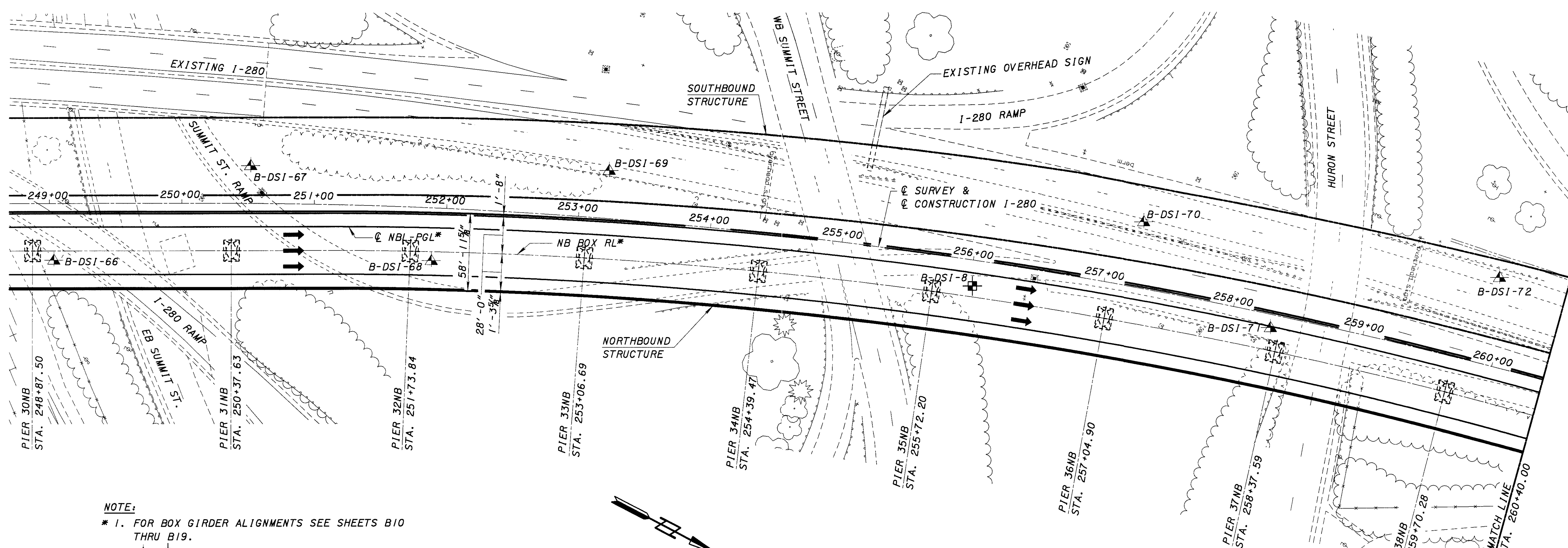
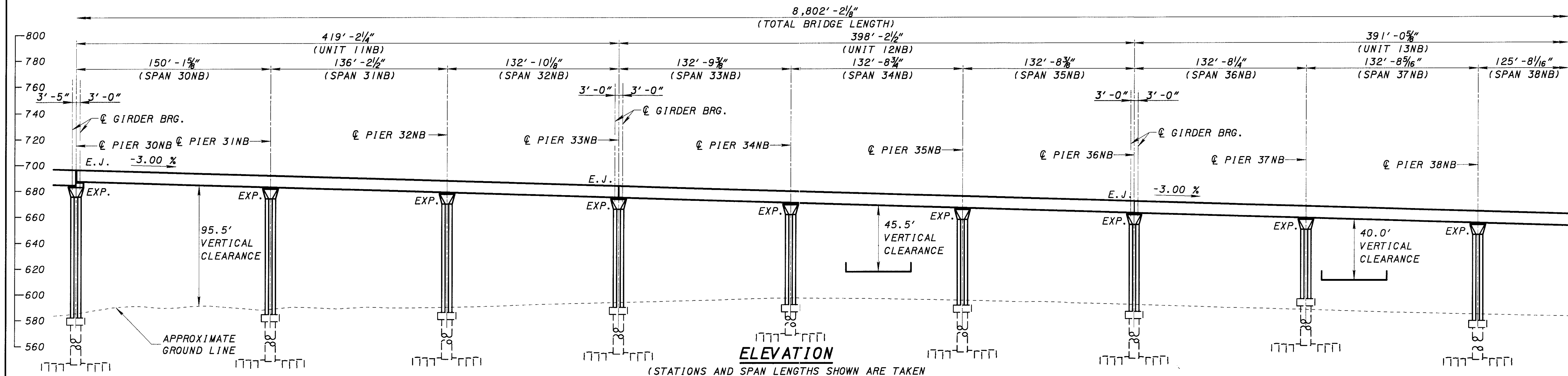




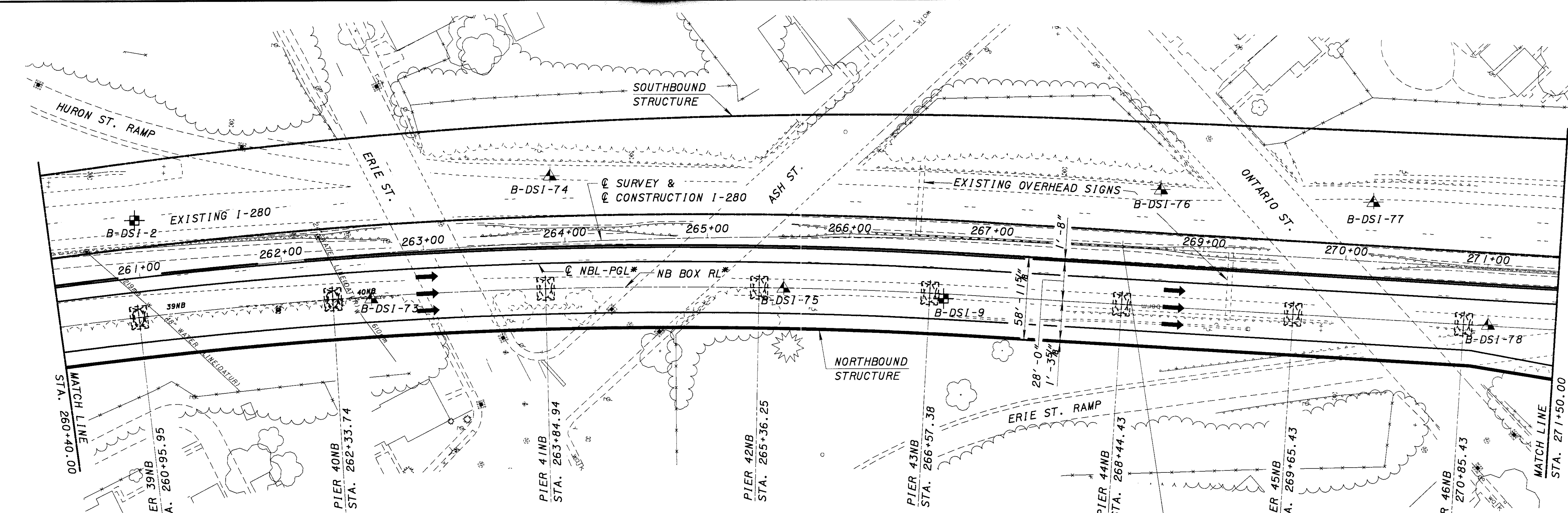
- NOTE:**
- * 1. FOR BOX GIRDER ALIGNMENTS SEE SHEETS B10 THRU B19.
 2. ▲, ■ DENOTES BORING LOCATION. FOR BORING LOG INFORMATION SEE SHEETS 1585 THRU 1879.
 3. FOR SURVEY BENCH MARK INFORMATION SEE ROADWAY PLANS SHEETS 8 THRU 16.
 4. FOR UTILITY AND RIGHT OF WAY INFORMATION SEE ROADWAY PLANS SHEETS 96-148,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

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'



06/06/01
 ... NB-024.DGN

DESIGN AGENCY Figg Bridge Engineers, Inc. 424 North Calhoun Street Tallahassee, Florida 32301 Tel: 904/224-1111 Fax: 904/224-1112	
DATE	6-01
DESIGNED	WDP
DRAWN	MEM
CHECKED	ADH
APPROVED	WDP
LUCAS COUNTY STA. 200+18.54 to STA. 288+67.40	
NB APPROACH SPANS - SITE PLAN IV BRIDGE NO. LUC-280-0283 I-280 OVER THE MAUMEE RIVER	
LUC-280-2.96	
B24 / 844	
653 1879	

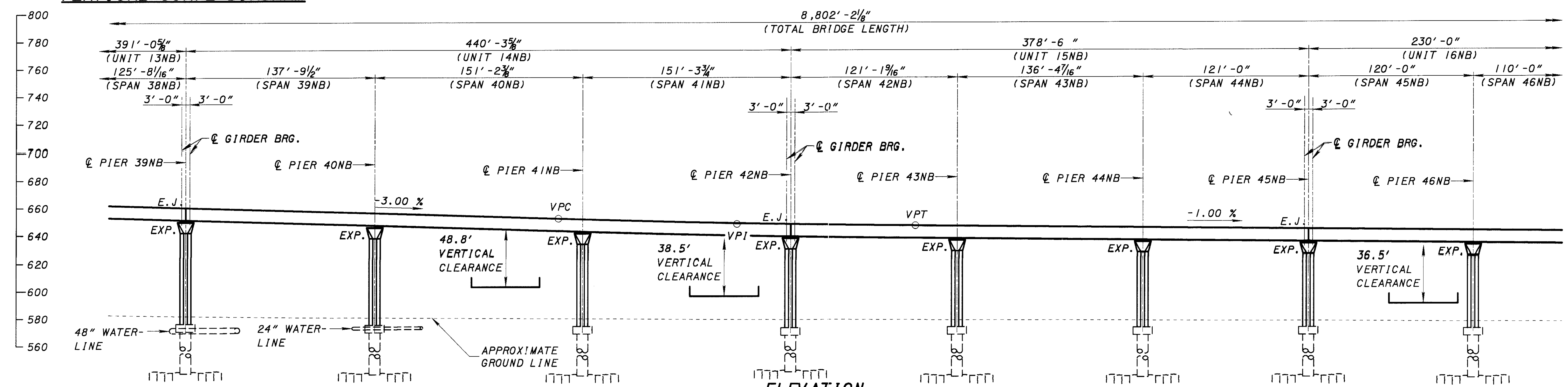


CURVE #3
I-280 CURVE DATA
 P.I. Sta = 259+23.85
 D = 26° 31' 49" (RT)
 Dc = 1° 30' 00"
 R = 3,819.72'
 T = 900.49'
 L = 1,768.69'
 E = 104.71'

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.
 5. ELEVATION OF DRILLED SHAFT TIPS NOT TO SCALE.

VERTICAL CURVE DIAGRAM



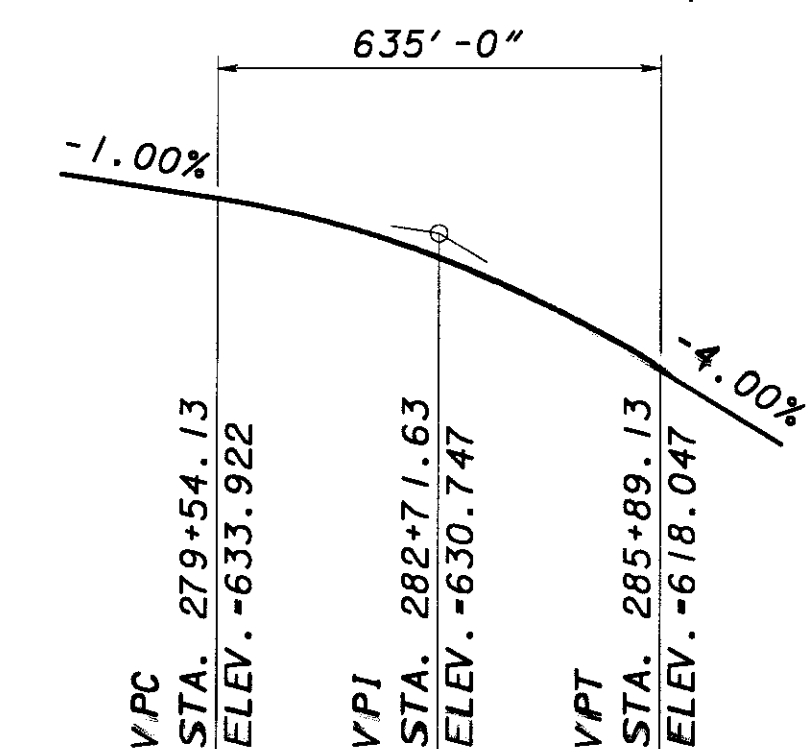
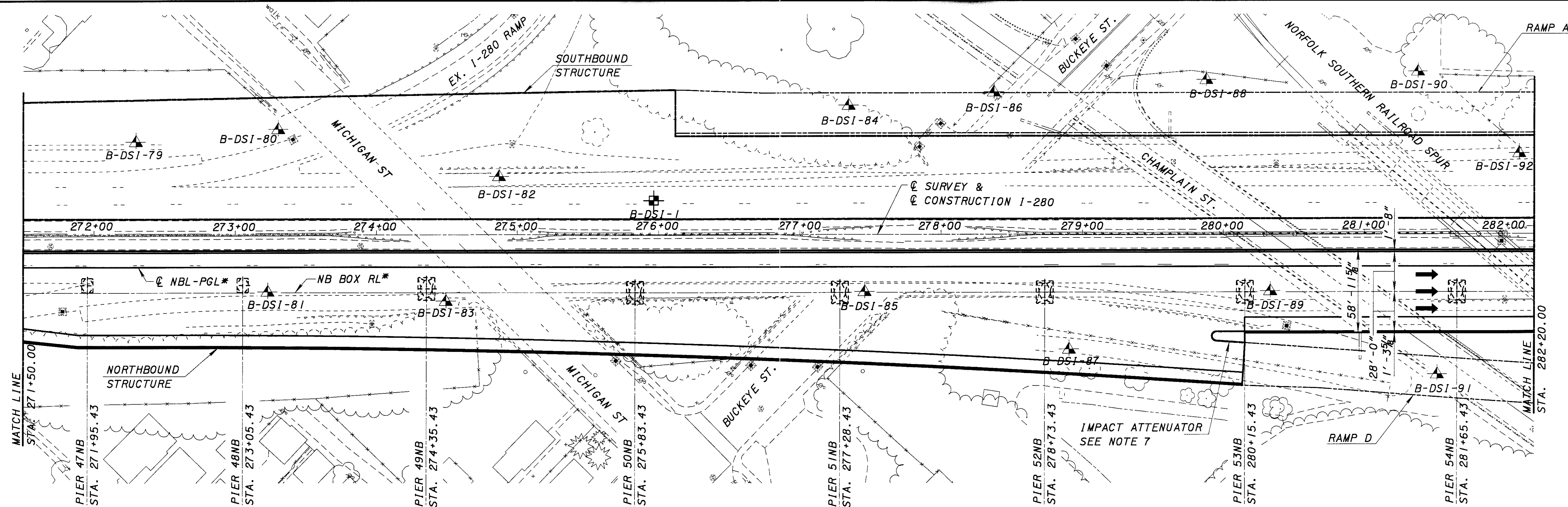
ELEVATION

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

06/06/01
 ... \B-025.DGN

DESIGN AGENCY Figg Bridge Engineers, Inc. 141 North Calhoun Street Tallahassee, Florida 32301 Tel: 904/241-1111 Fax: 904/241-1112	
DATE	6-01
DESIGNED	ADH
DRAWN	MEM
CHECKED	WDP
REVIEWED	WDP
STRUCTURE FILE NUMBER	R 4805844
LUCAS COUNTY STA. 200+18.54 to STA. 288+67.40	
NB APPROACH SPANS - SITE PLAN V BRIDGE NO. LUC-280-0283 I-280 OVER THE MAUMEE RIVER	
LUC-280-2.96	
B25 / 844	
654 1879	

06/06/01
... \B-026.DGN

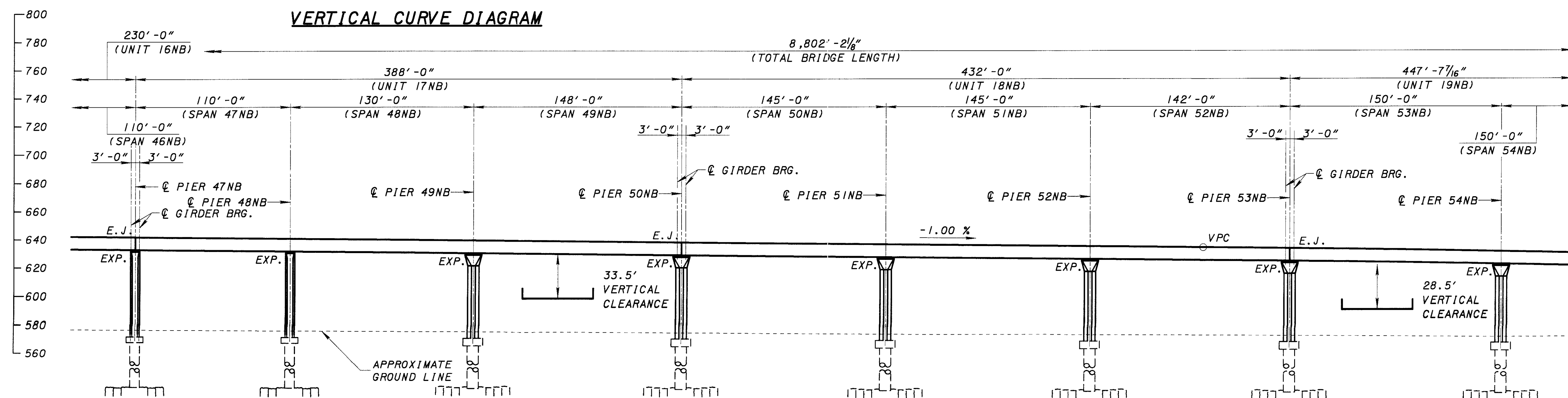


NOTE:

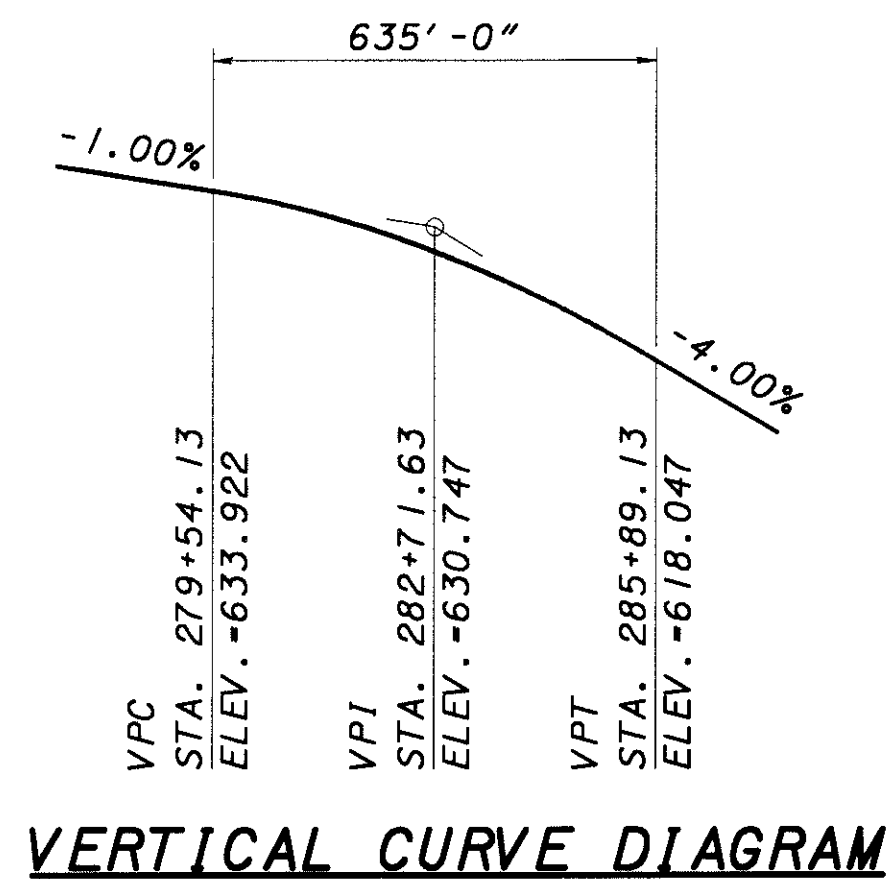
1. FOR BOX GIRDER ALIGNMENTS SEE SHEETS B10 THRU B19.
2. DENOTES BORING LOCATION. FOR BORING LOG INFORMATION SEE SHEETS 1585 THRU 1879.
3. FOR SURVEY BENCH MARK INFORMATION SEE ROADWAY PLANS SHEETS 8 THRU 16.
4. FOR UTILITY AND RIGHT OF WAY INFORMATION SEE ROADWAY PLANS SHEETS 96-148, 162-172, 370-373.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

NOTE:

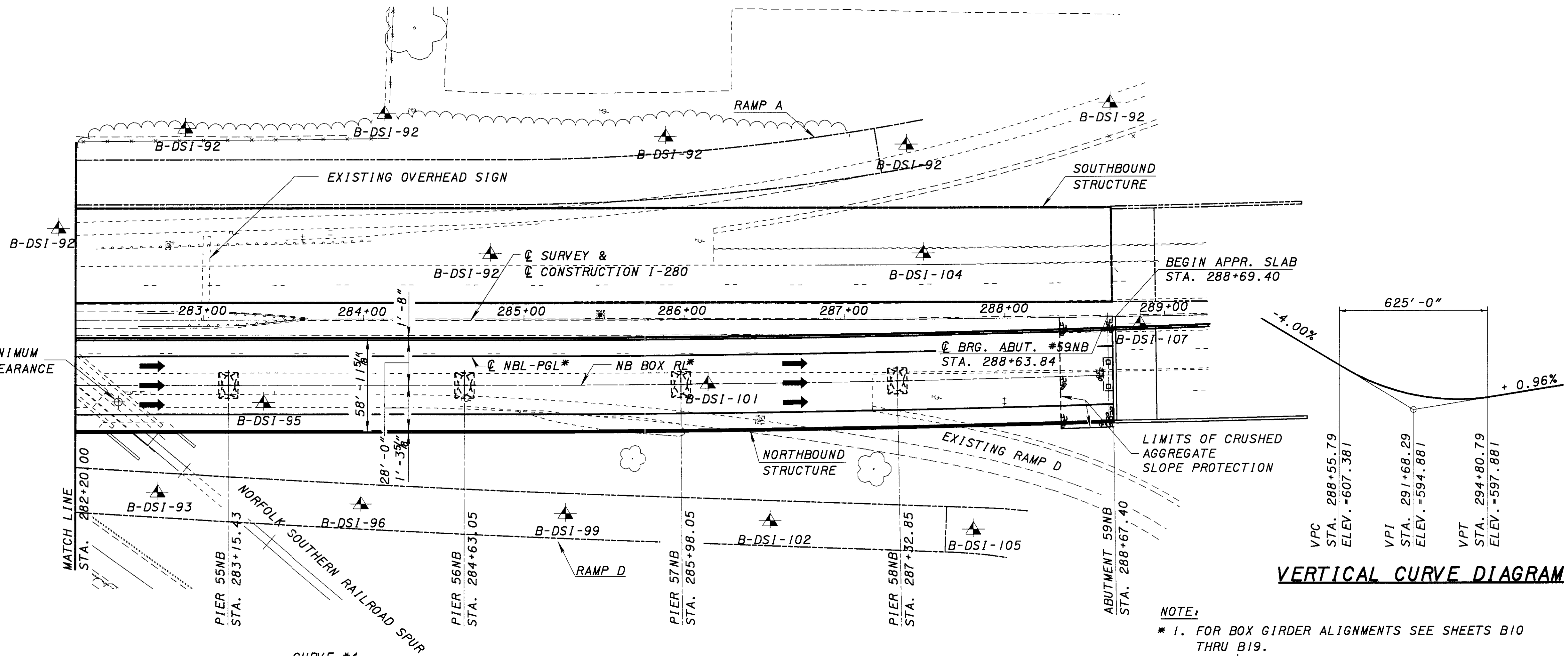
6. FOR ATTENUATOR DETAIL AT RAMP D GORE SEE ROADWAY PLANS SHEET 136.
7. IMPACT ATTENUATOR TO BE PROVIDED IN DESIGNATED LOCATION, SEE ROADWAY PLANS FOR DETAILS. THE CONTRACTOR SHALL PROVIDE WORKING DRAWINGS SHOWING ALL INSERTS REQUIRED FOR ATTACHMENT TO THE BRIDGE DECK. THE CONTRACTOR SHALL SUBMIT DETAILS WITH SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL SHOWING INTEGRATION OF INSERTS WITH SEGMENT POST TENSIONING AND REINFORCEMENT.



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

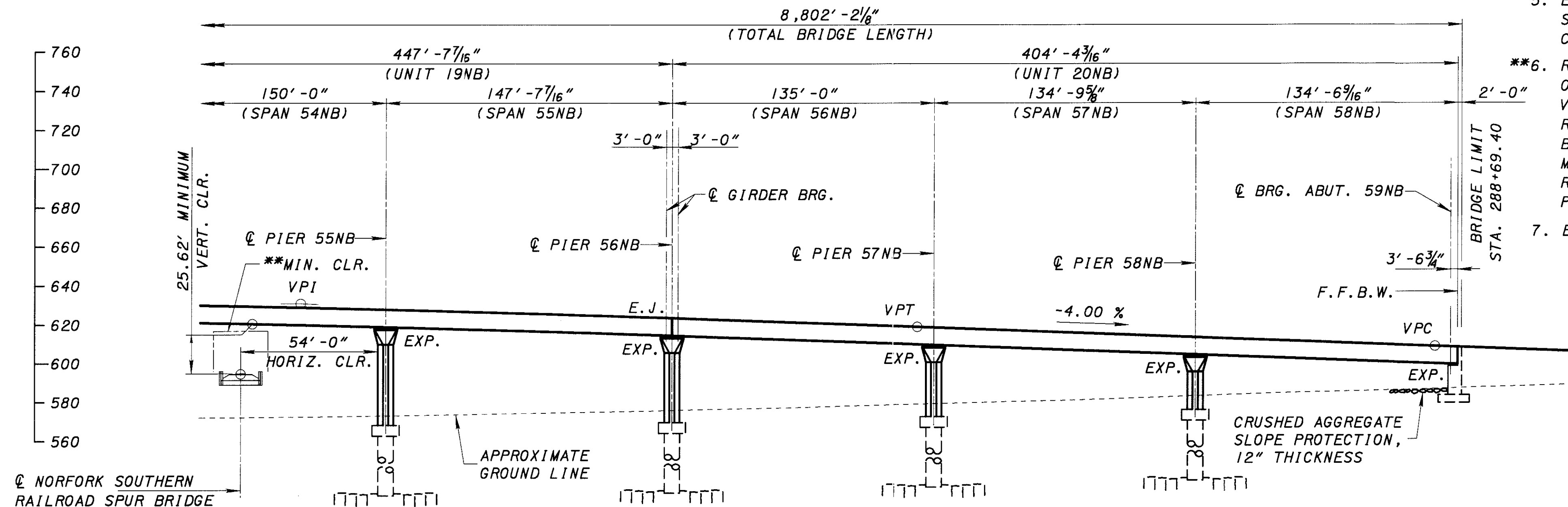


VERTICAL CURVE DIAGRAM



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'

NOTE: SPAN 58NB & UNIT 20NB DIMENSIONED TO F.F.B.W.



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

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.
5. EARTHWORK LIMITS HAVE NOT BEEN SHOWN. ACTUAL SLOPES SHALL CONFORM TO ROADWAY PLAN CROSS-SECTIONS.
- **6. REQUIRED CONSTRUCTION CLEARANCE SHALL BE MINIMUM OF 14'-0" HORIZONTAL FROM Q OF TRACKS AND 22'-0" VERTICAL AS MEASURED 6'-0" FROM Q 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.
7. ELEVATION OF DRILLED SHAFT TIPS NOT TO SCALE.

VERTICAL CURVE DIAGRAM