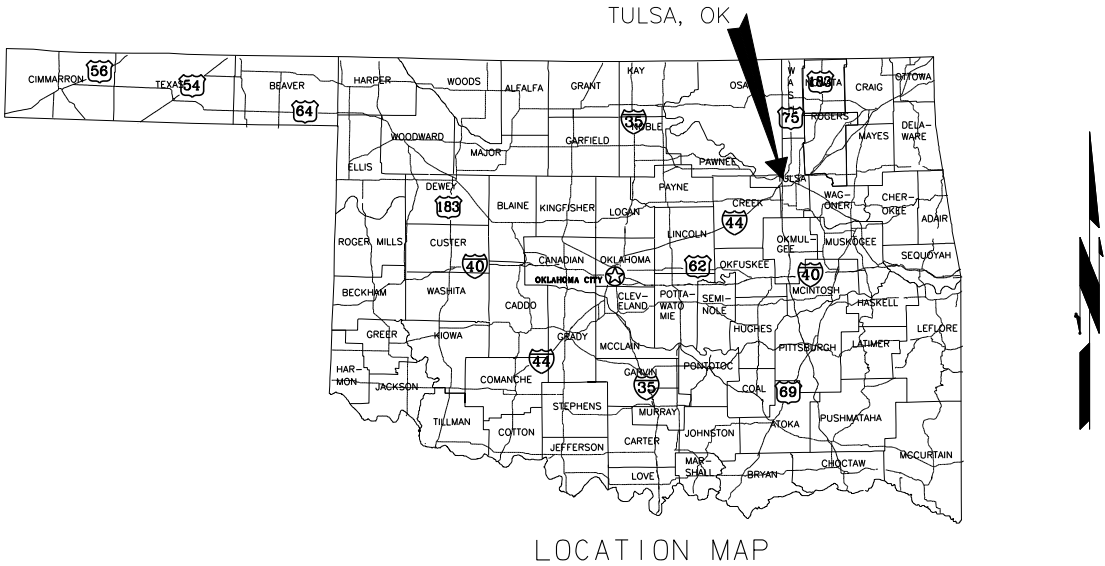


STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

FUNCTIONAL PLANS FOR
I-244/ARKANSAS RIVER MULTIMODAL BRIDGE

TULSA, OKLAHOMA
AUGUST 2009



INDEX OF SHEETS

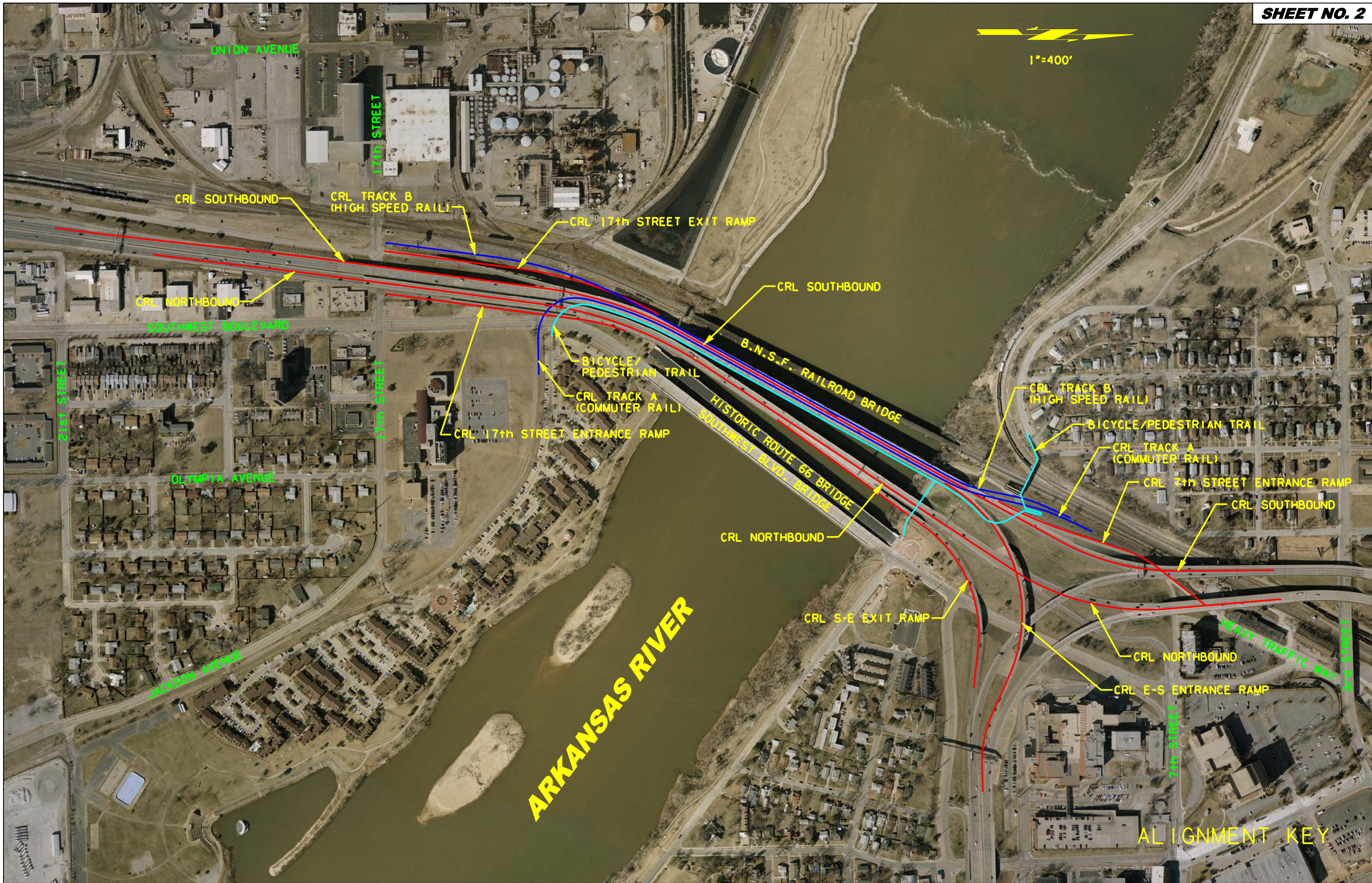
NO.	TITLE
1	Title Sheet
2	Alignment Key
3	Southbound Plan & Profile Sta.535+00 to 566+00
4	Southbound Plan & Profile Sta.566+00 to 597+00
5	Northbound Plan & Profile Sta.535+00 to 566+00
6	Northbound Plan & Profile Sta.566+00 to 597+00
7	I7th Street Exit Ramp Plan & Profile
8	I7th Street Entrance Ramp Plan & Profile
9	S-E Exit Ramp Plan & Profile
10	E-S Entrance Ramp Plan & Profile
11	7th Street Entrance Ramp Plan & Profile
12	Track A Plan & Profile Sta.10+00 to 41+00
13	Track B Plan & Profile Sta.5+00 to 23+00
14	Track B Plan & Profile Sta.23+00 to 41+00
15	Bridge Plan (Sheet 1 of 6)
16	Bridge Plan (Sheet 2 of 6)
17	Bridge Plan (Sheet 3 of 6)
18	Bridge Plan (Sheet 4 of 6)
19	Bridge Plan (Sheet 5 of 6)
20	Bridge Plan (Sheet 6 of 6)
21	Southbound Bridge Elevation (Sheet 1 of 6)
22	Southbound Bridge Elevation (Sheet 2 of 6)
23	Southbound Bridge Elevation (Sheet 3 of 6)
24	Southbound Bridge Elevation (Sheet 4 of 6)
25	Southbound Bridge Elevation (Sheet 5 of 6)
26	Southbound Bridge Elevation (Sheet 6 of 6)
27	I7th Street Exit Ramp Elevation
28	E-S Entrance Ramp Elevation
29	Northbound Bridge Elevation (Sheet 1 of 5)
30	Northbound Bridge Elevation (Sheet 2 of 5)
31	Northbound Bridge Elevation (Sheet 3 of 5)
32	Northbound Bridge Elevation (Sheet 4 of 5)
33	Northbound Bridge Elevation (Sheet 5 of 5)
34	I7th Street Entrance Ramp Elevation
35	Typical Sections - Mainlane Bridges
36	Typical Sections - Ramp Bridges
37	Typical Pier Detail - Southbound Lanes
38	Typical Pier Detail - Northbound Lanes

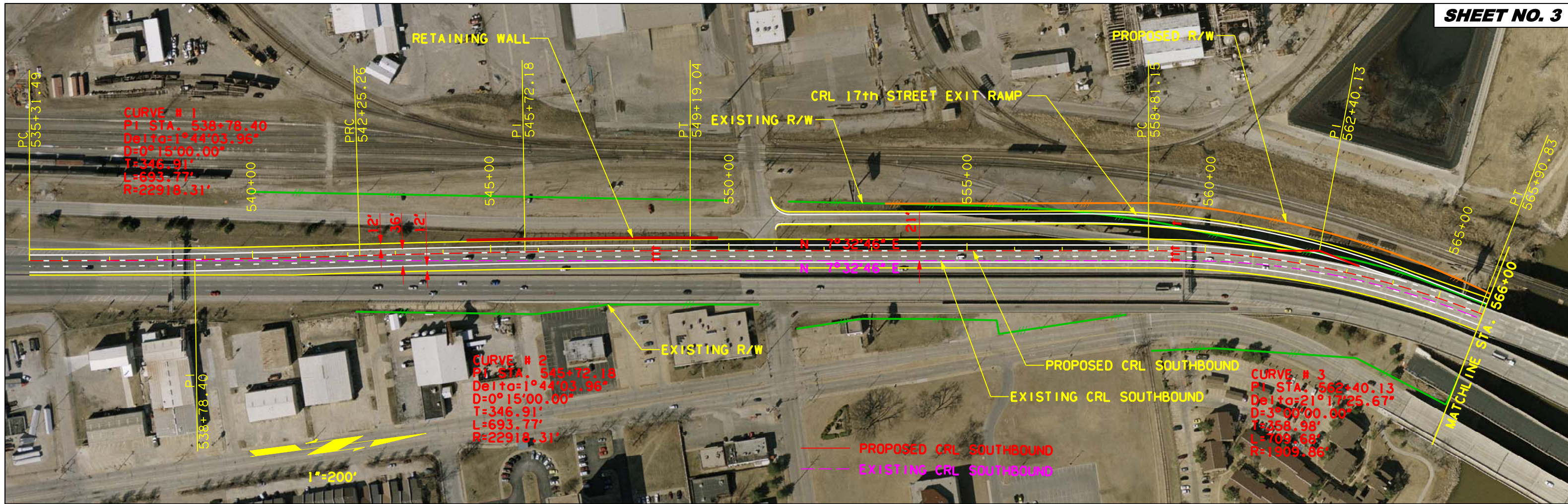
PREPARED BY:



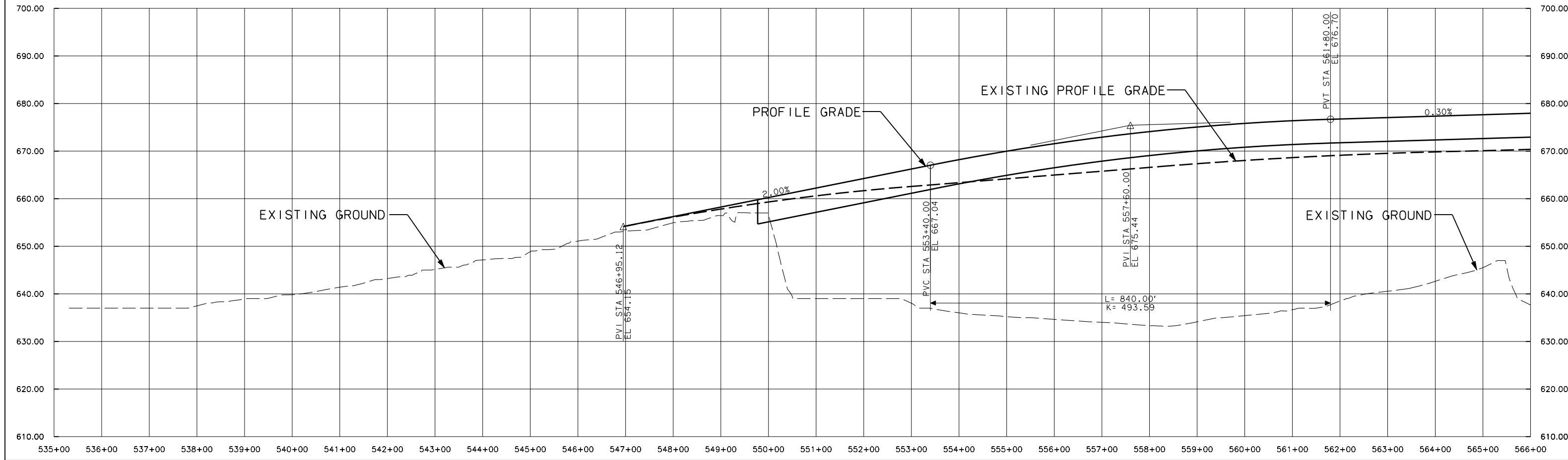
10015 East 51st Street
Tulsa, OK 74146
(918) 250-5922

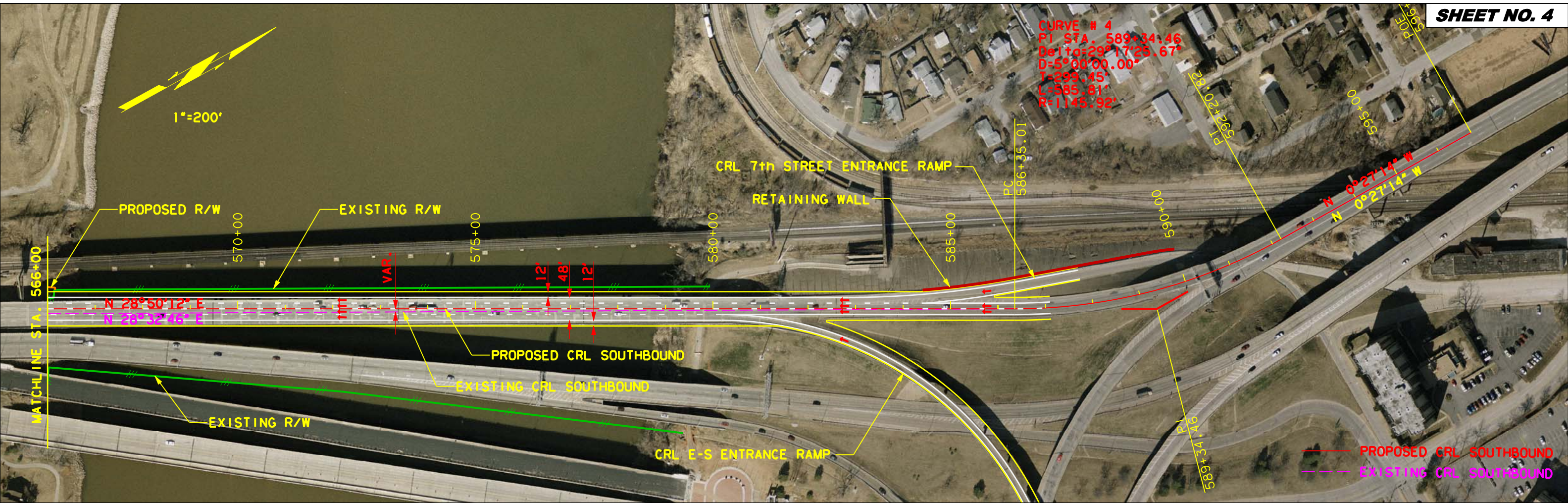
1"=400'



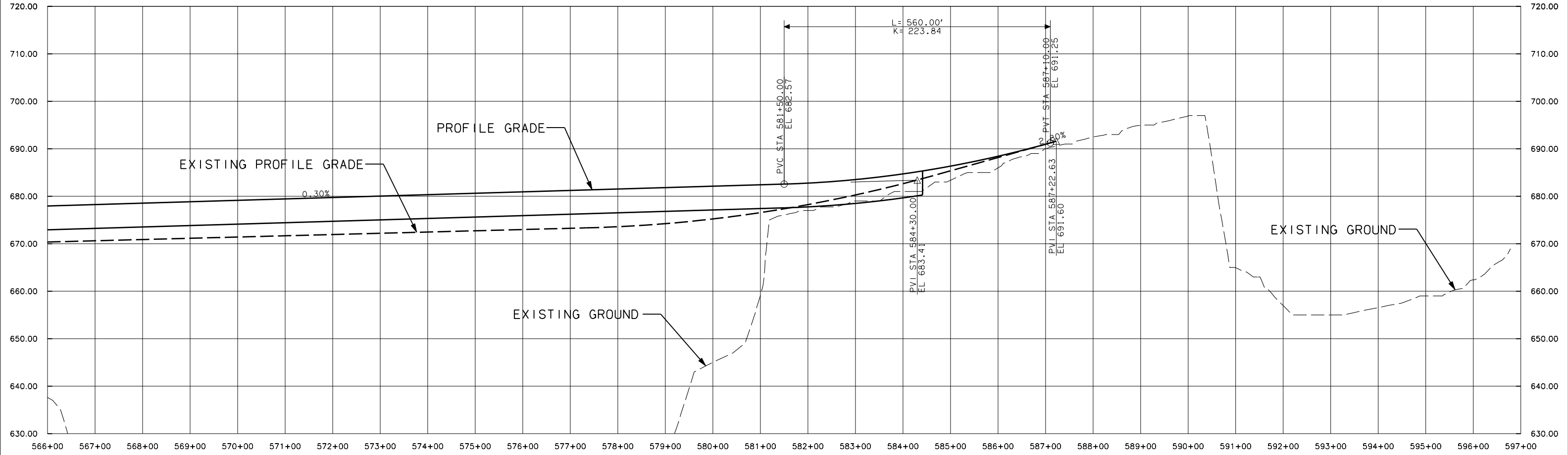


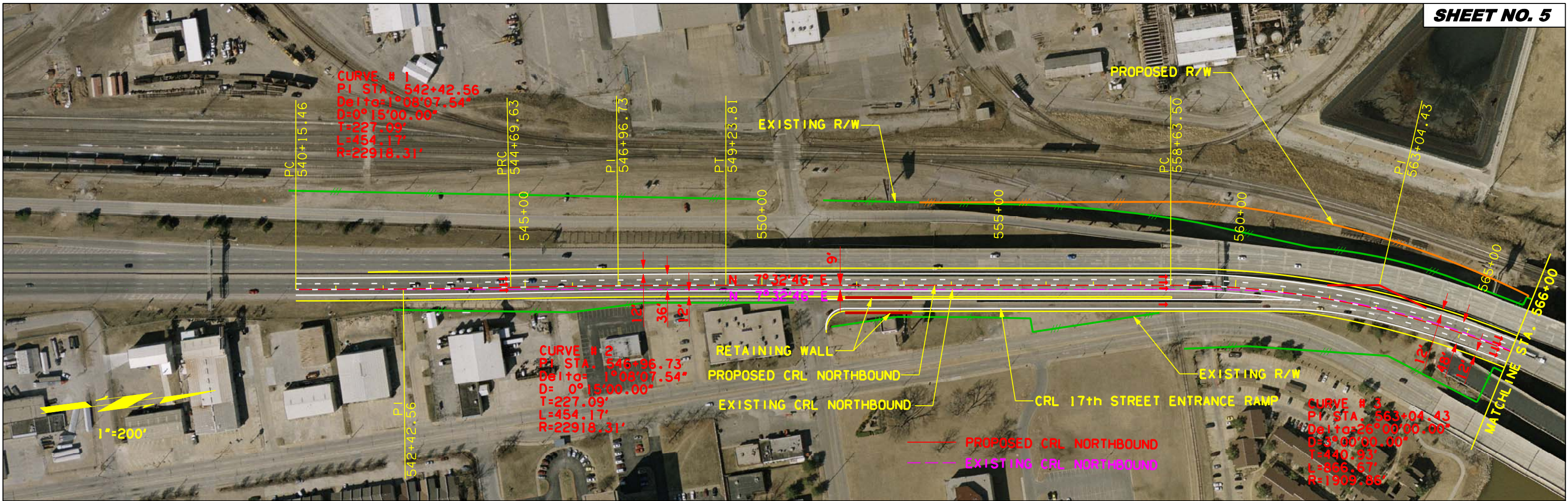
SOUTHBOUND PLAN & PROFILE STA. 535+00 TO 566+00



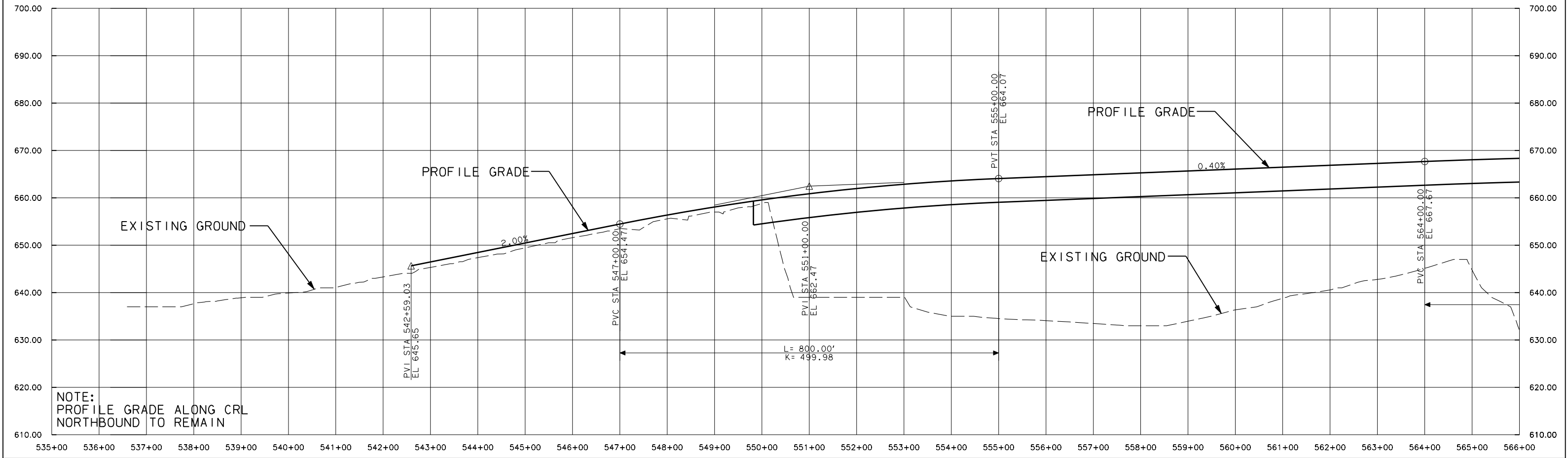


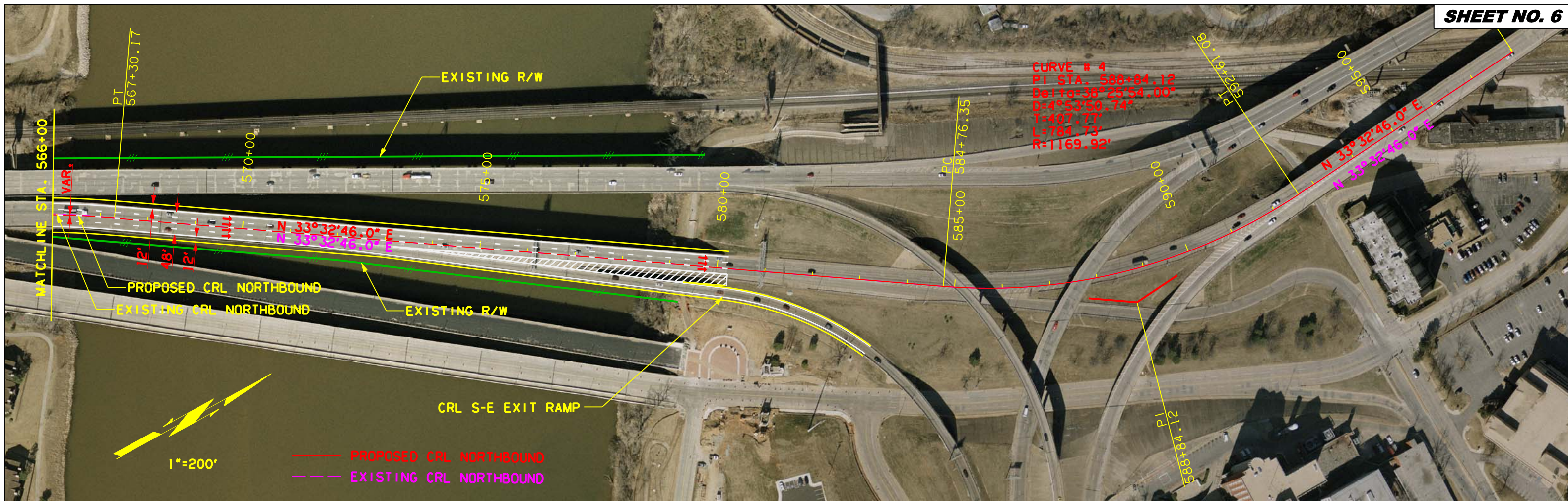
SOUTHBOUND PLAN & PROFILE STA. 566+00 TO 597+00



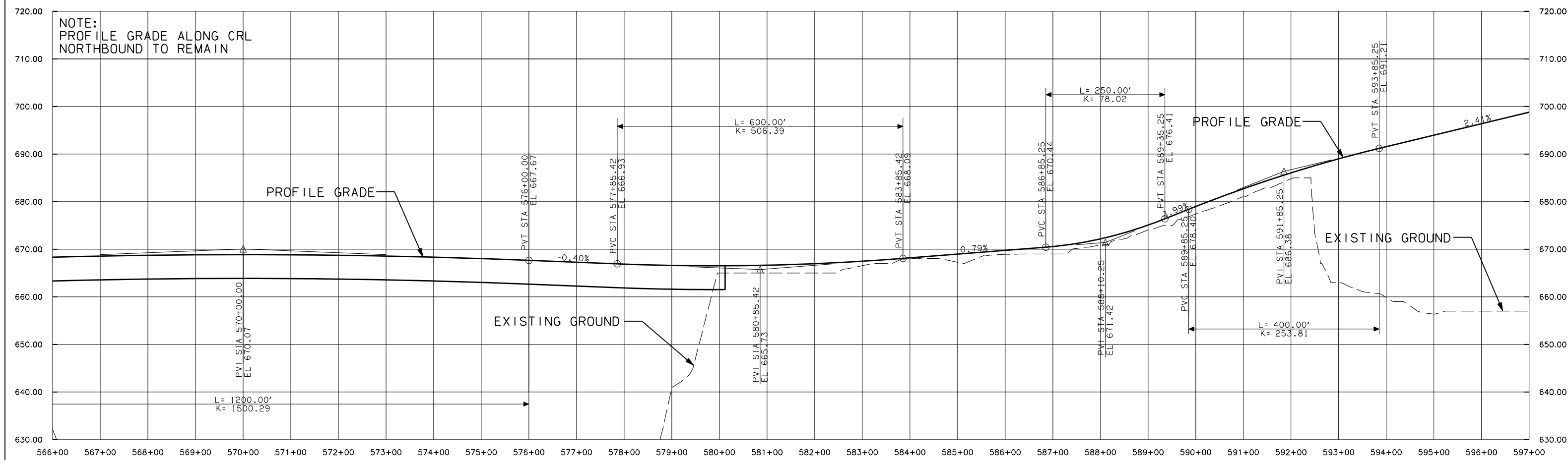


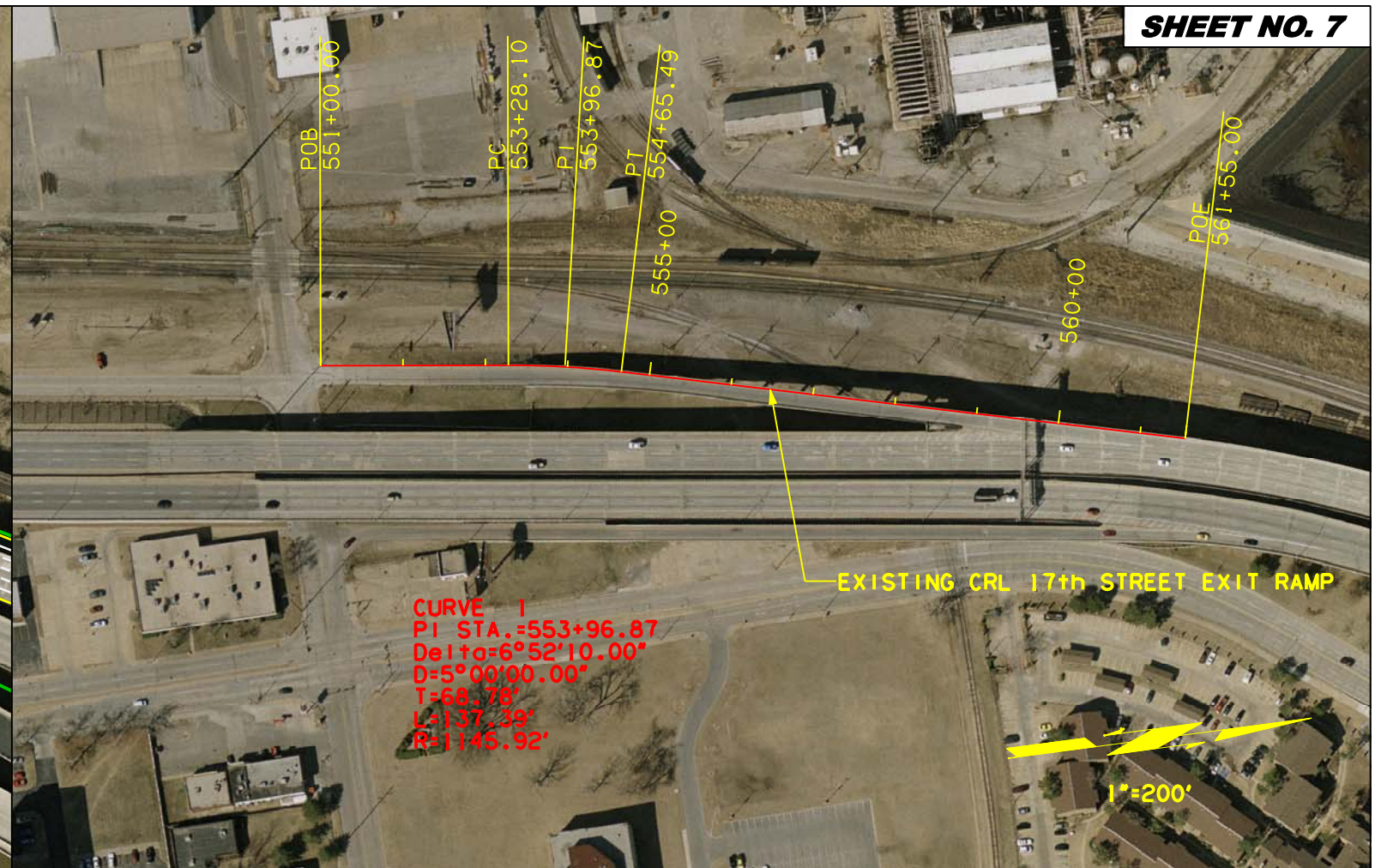
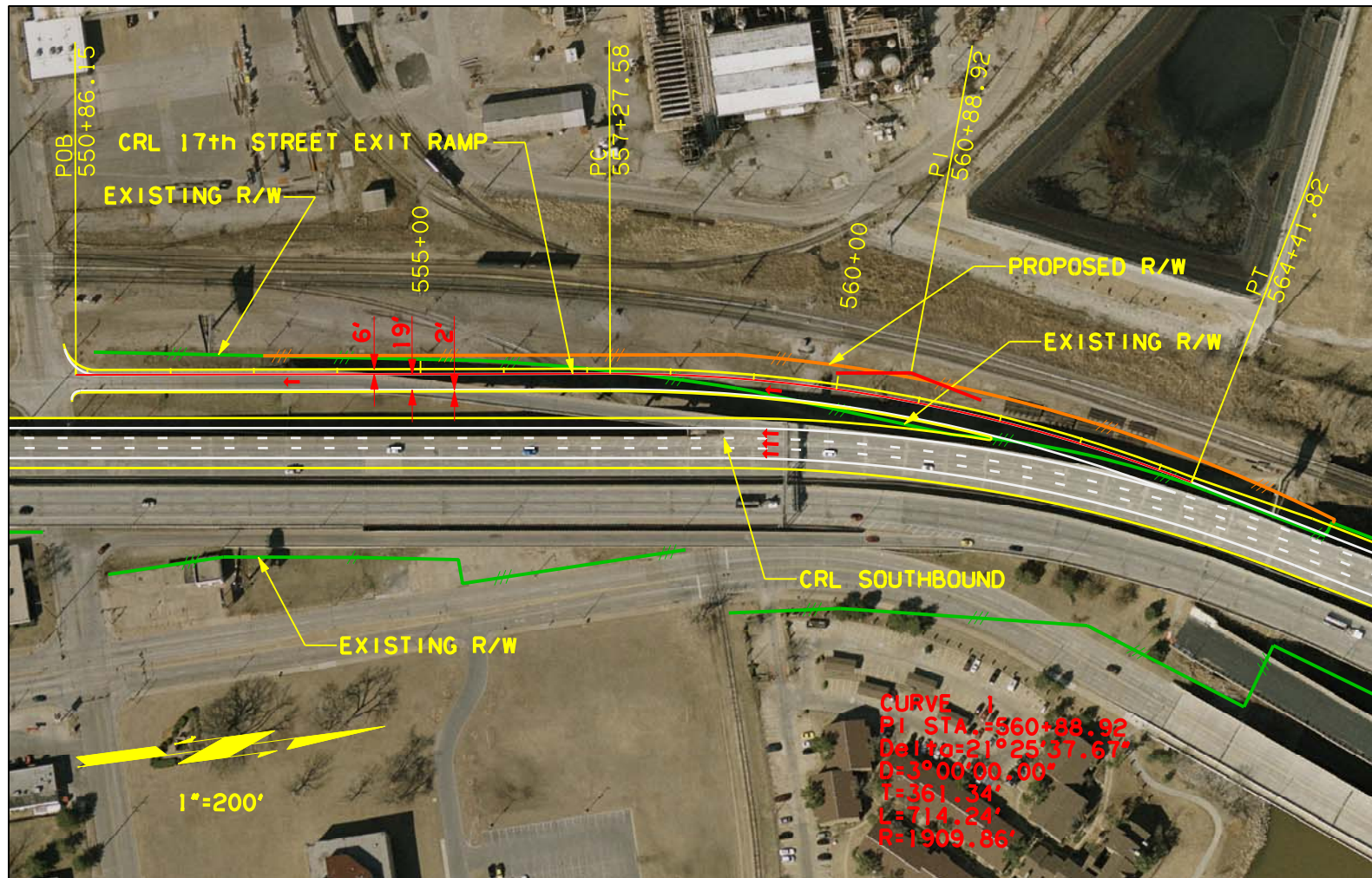
NORTHBOUND PLAN & PROFILE STA. 535+00 TO 566+00



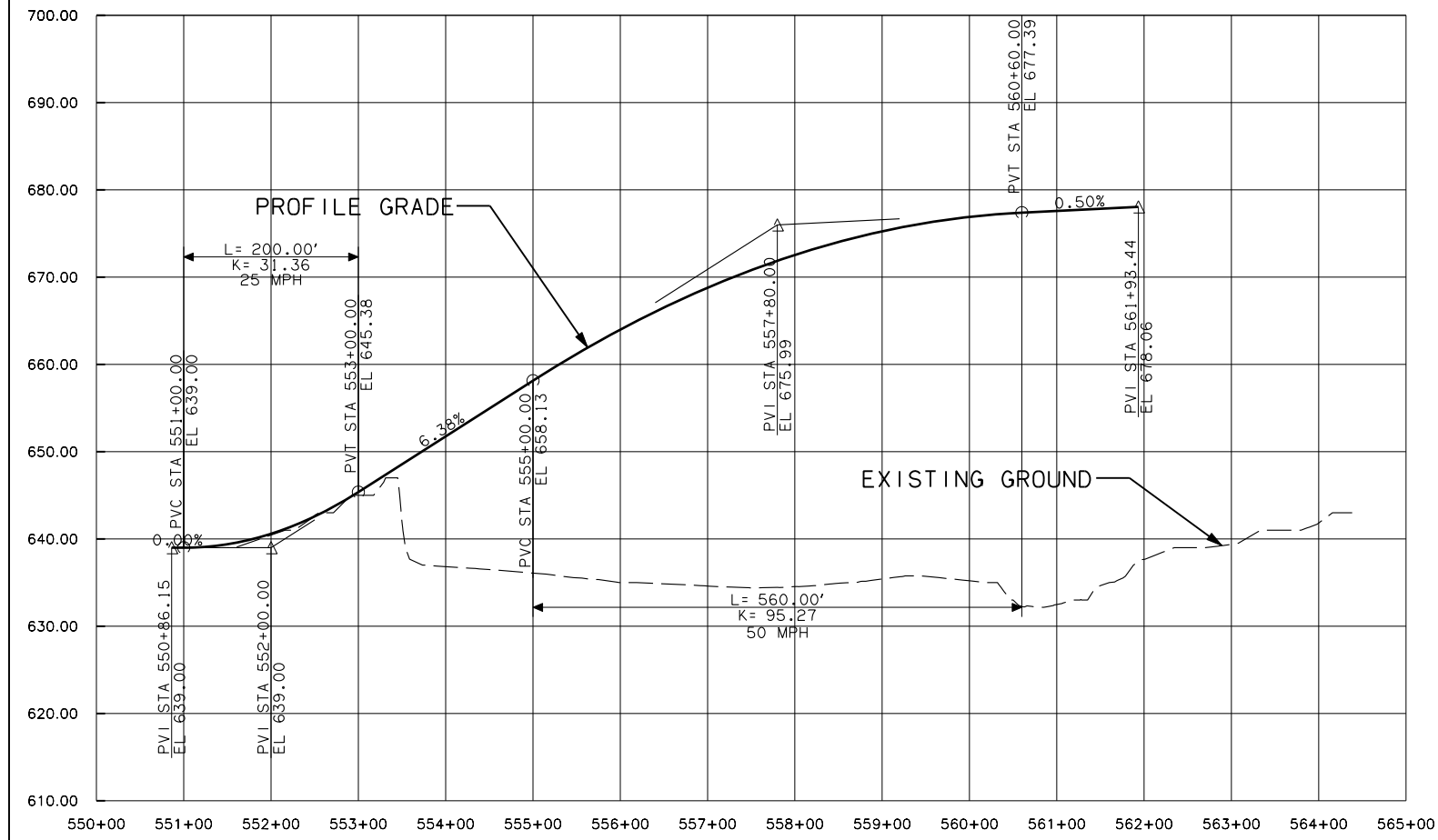


NORTHBOUND PLAN & PROFILE STA. 566+00 TO 597+00

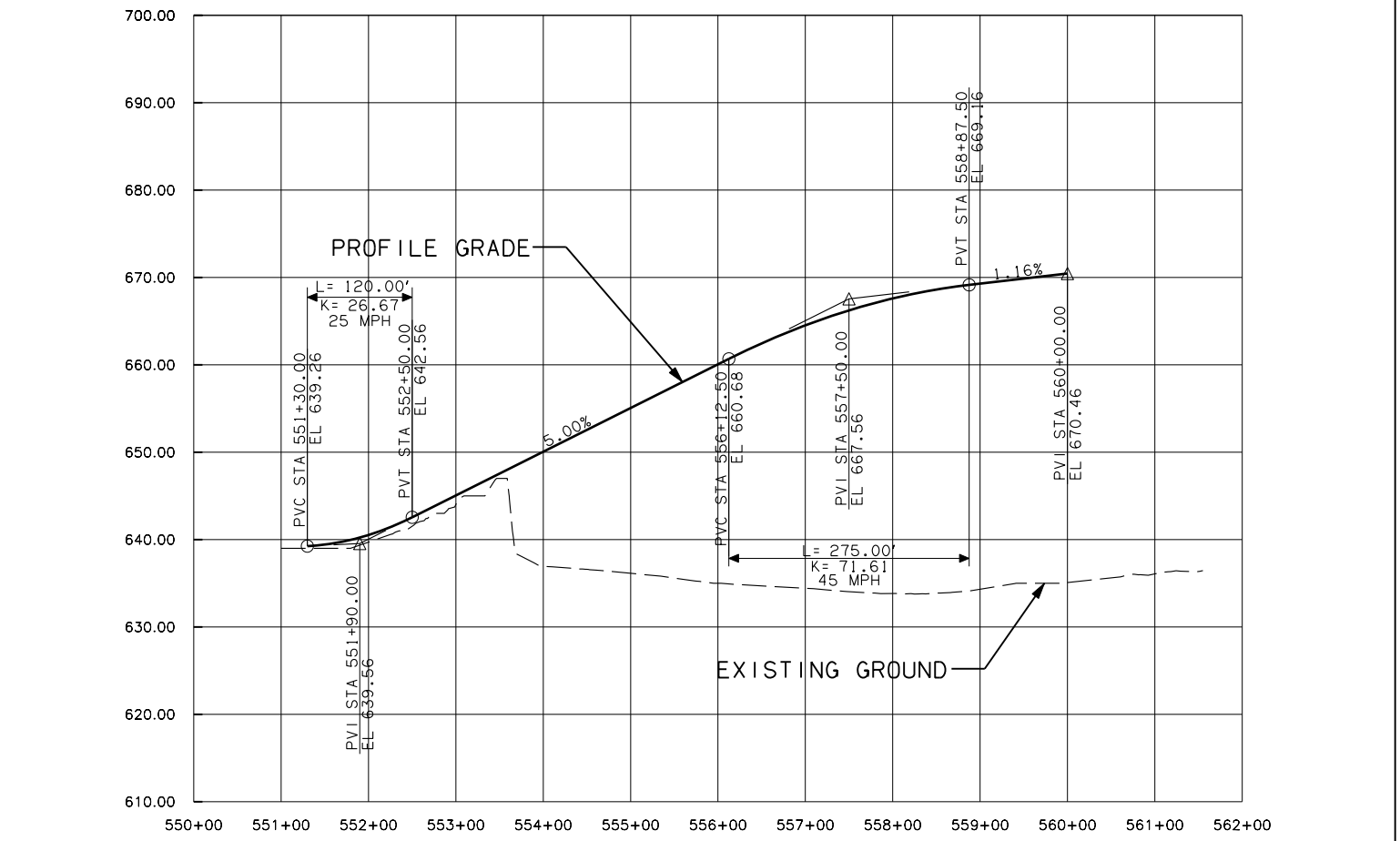


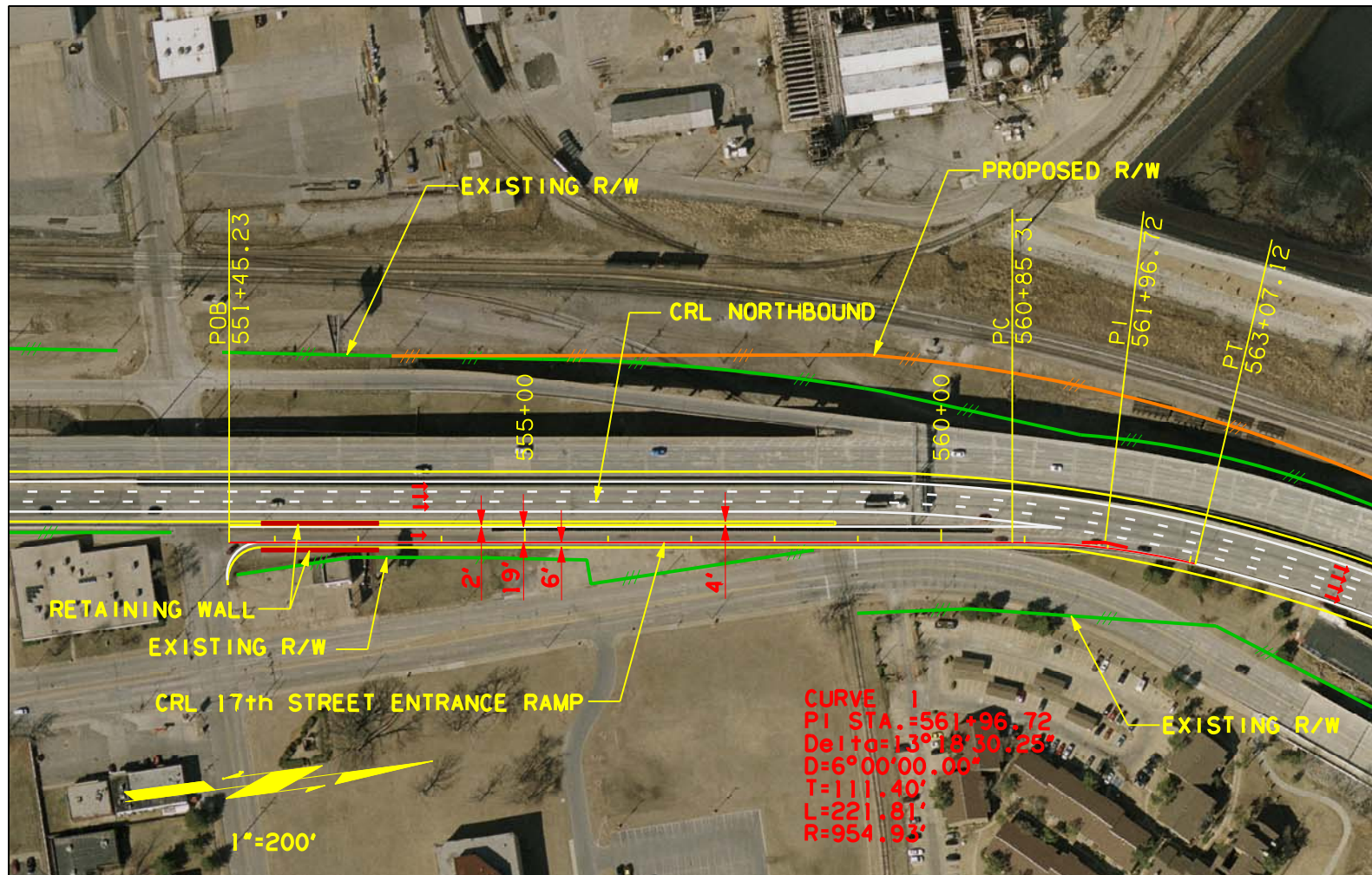


17th ST. EXIT RAMP (PROPOSED) PLAN & PROFILE

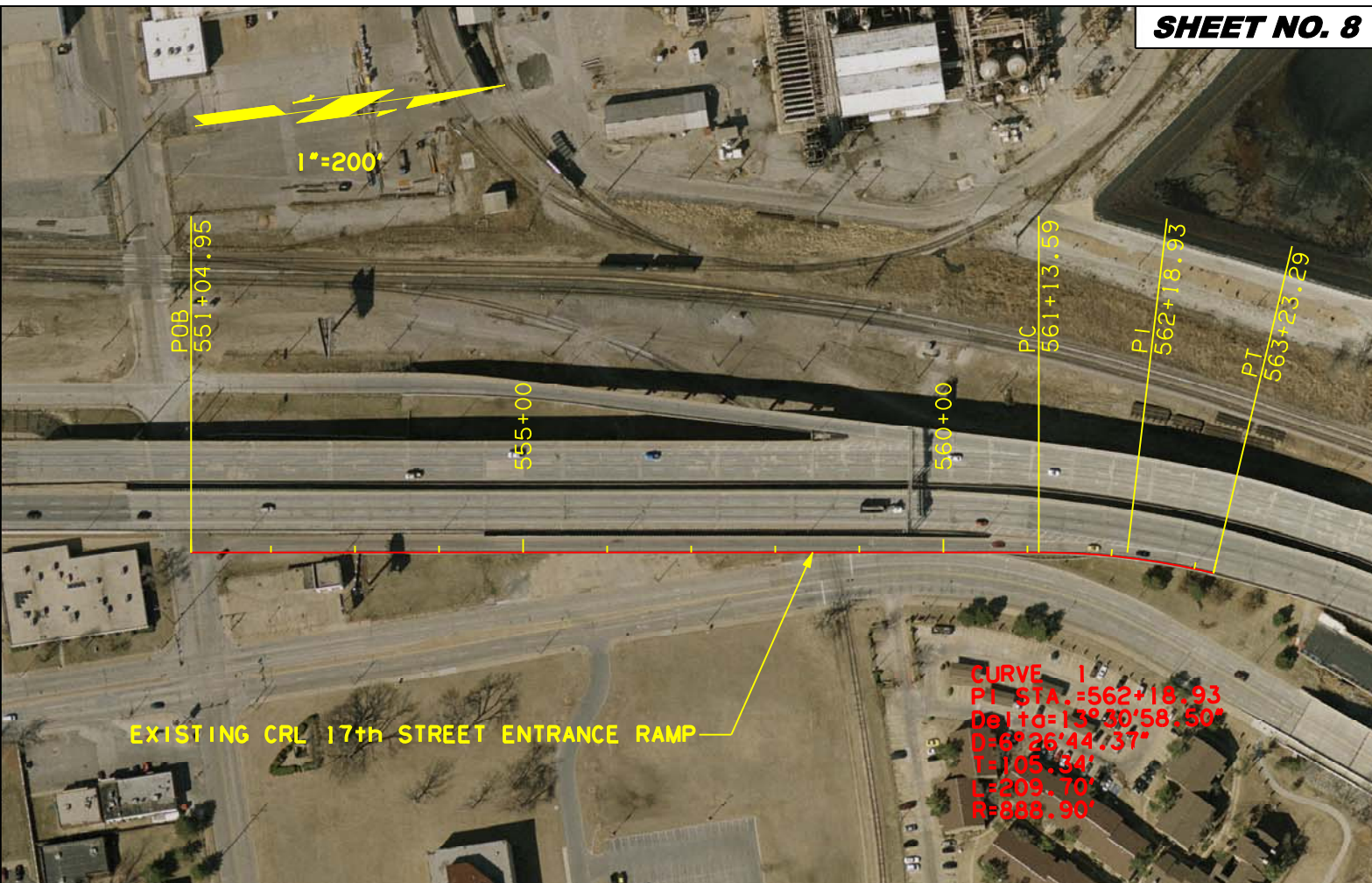
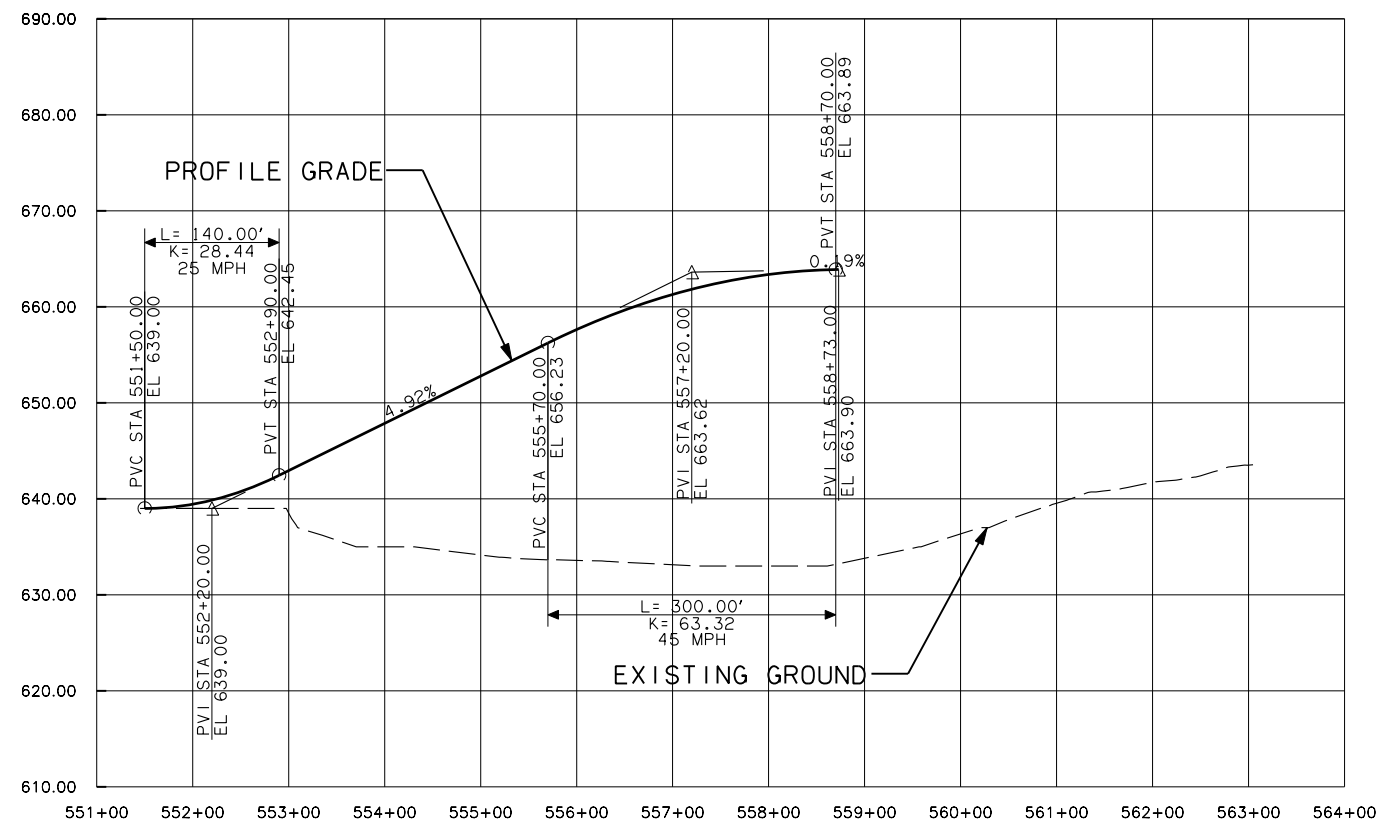


17th ST. EXIT RAMP (EXISTING) PLAN & PROFILE

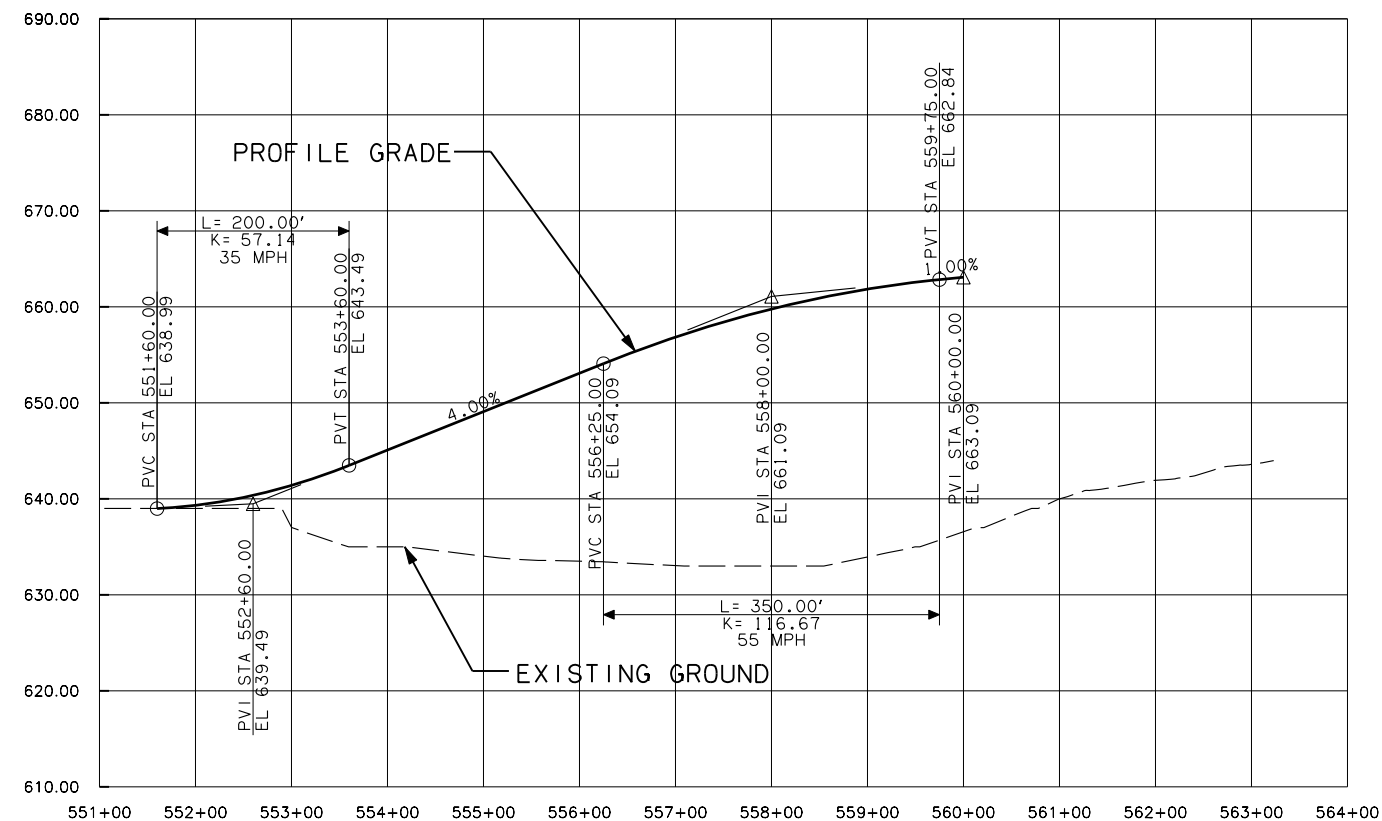


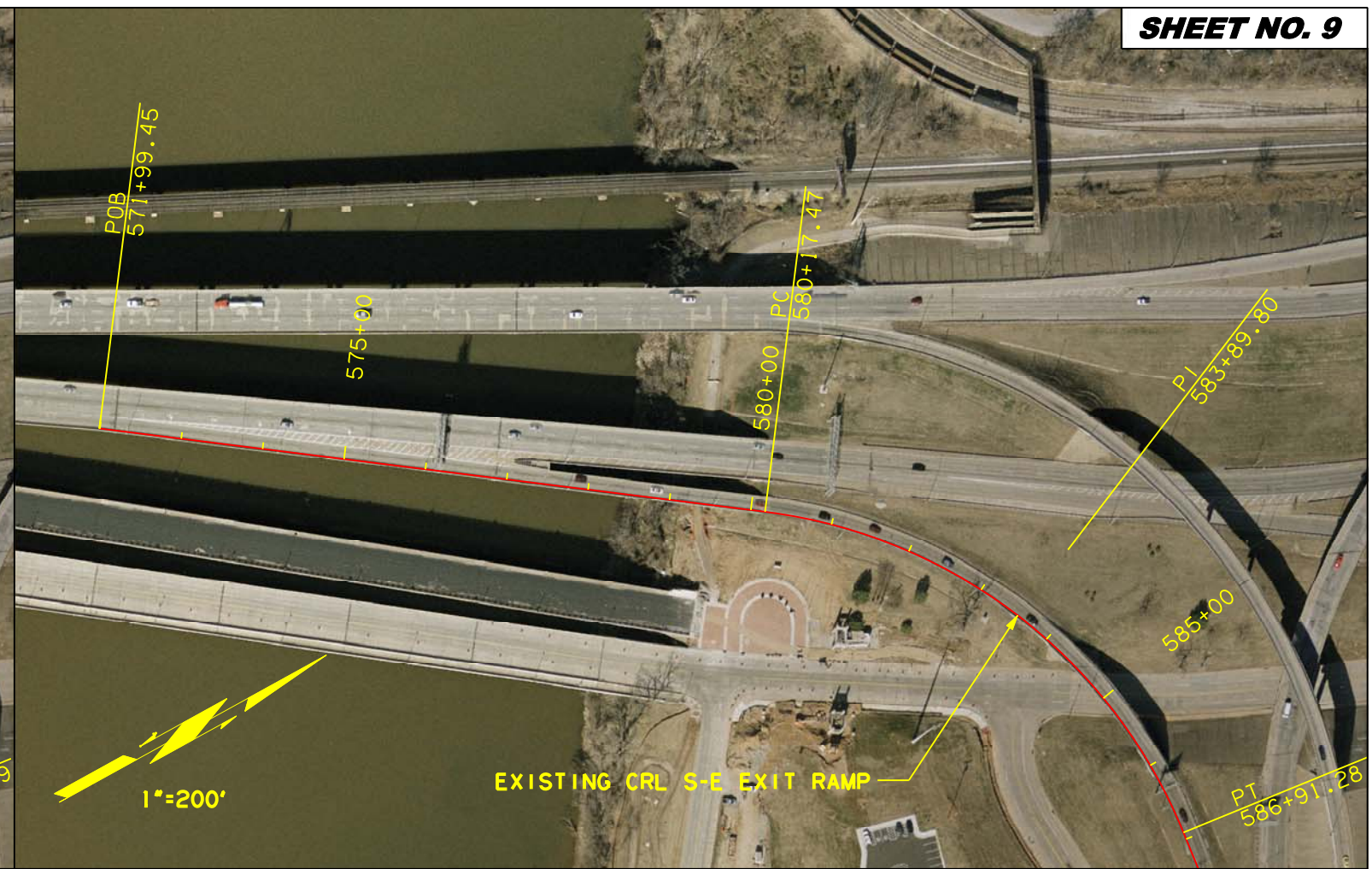
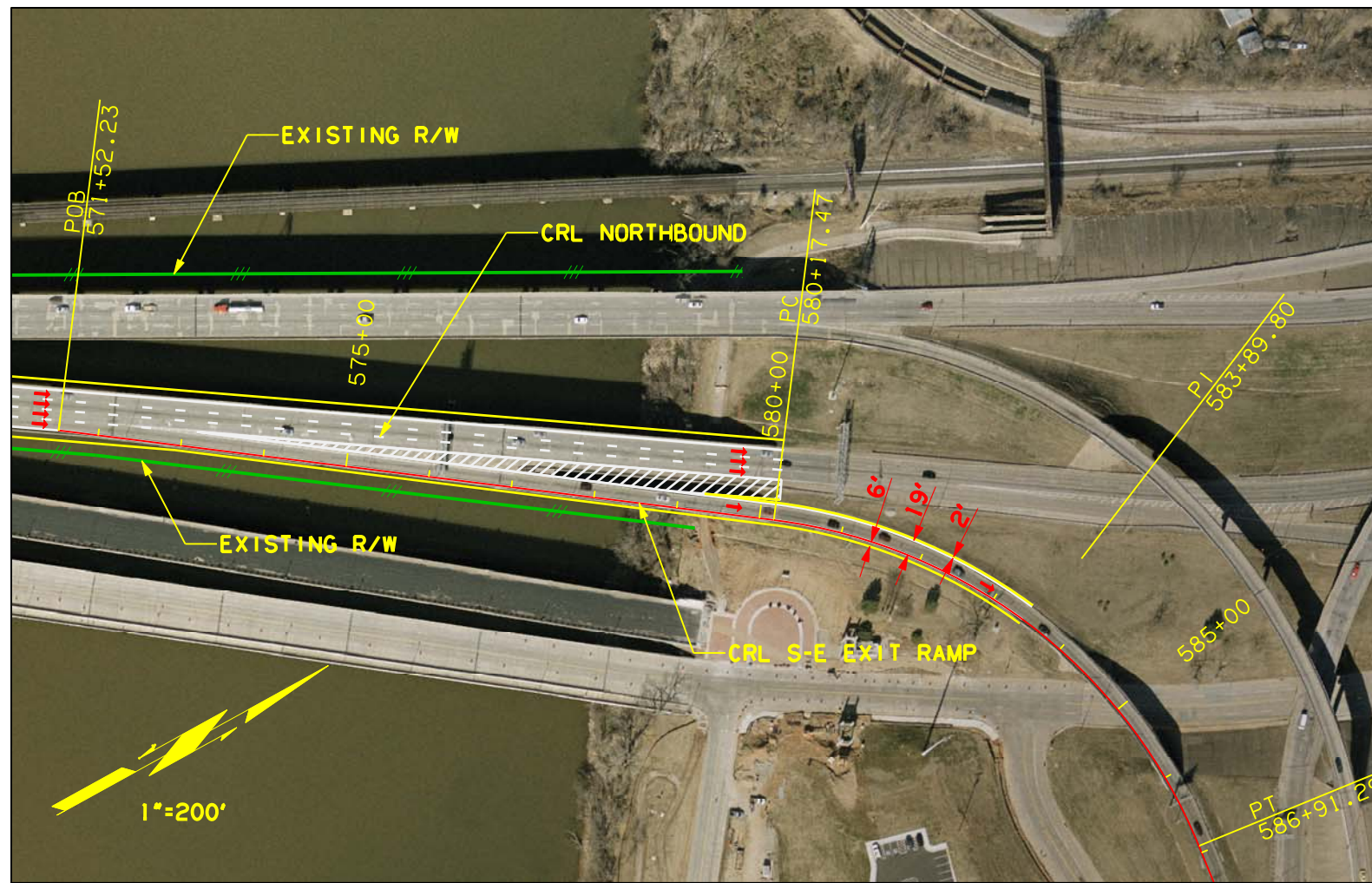


17th ST. ENTRANCE RAMP
(PROPOSED) PLAN & PROFILE

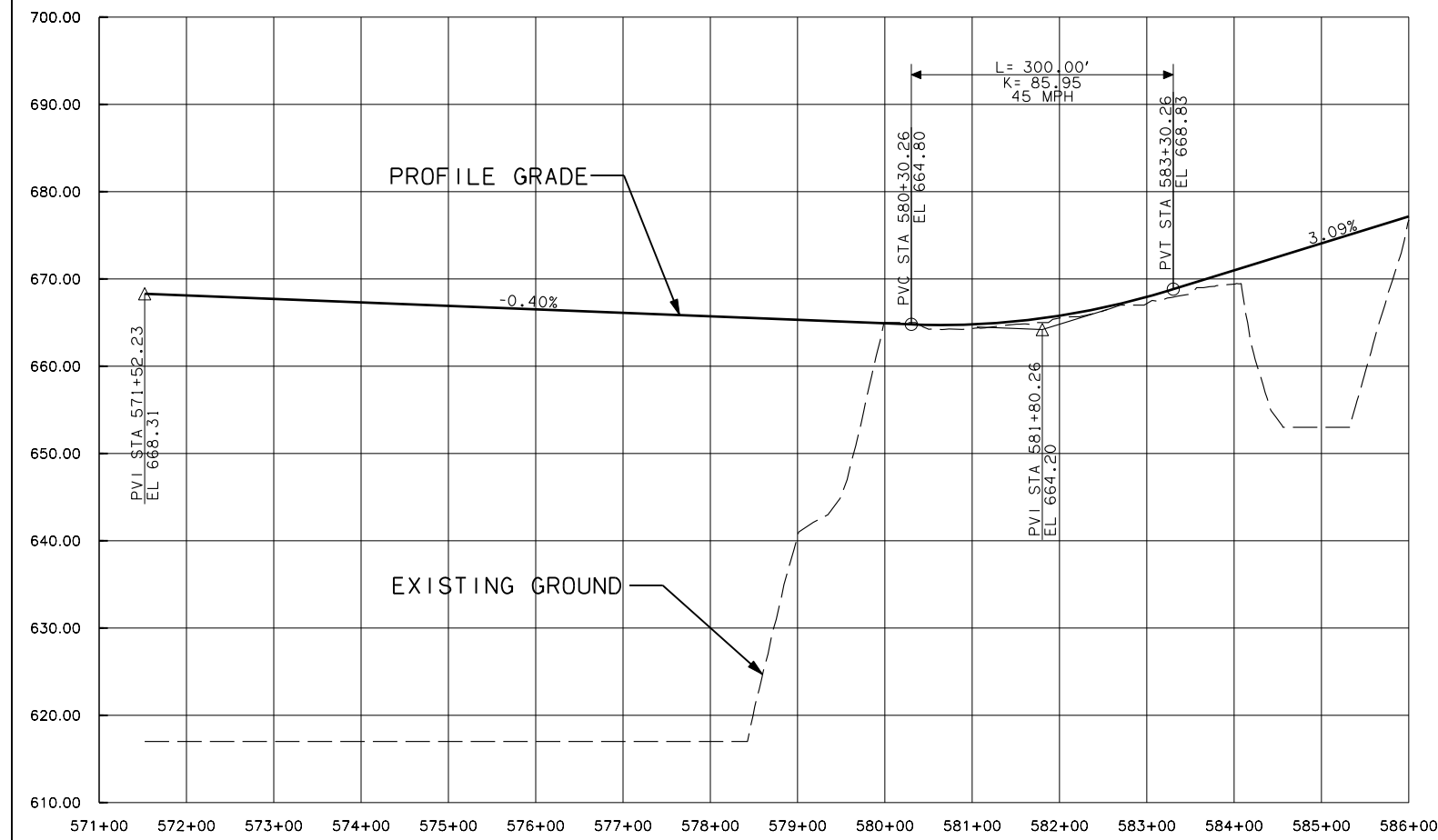


17th ST. ENTRANCE RAMP
(EXISTING) PLAN & PROFILE

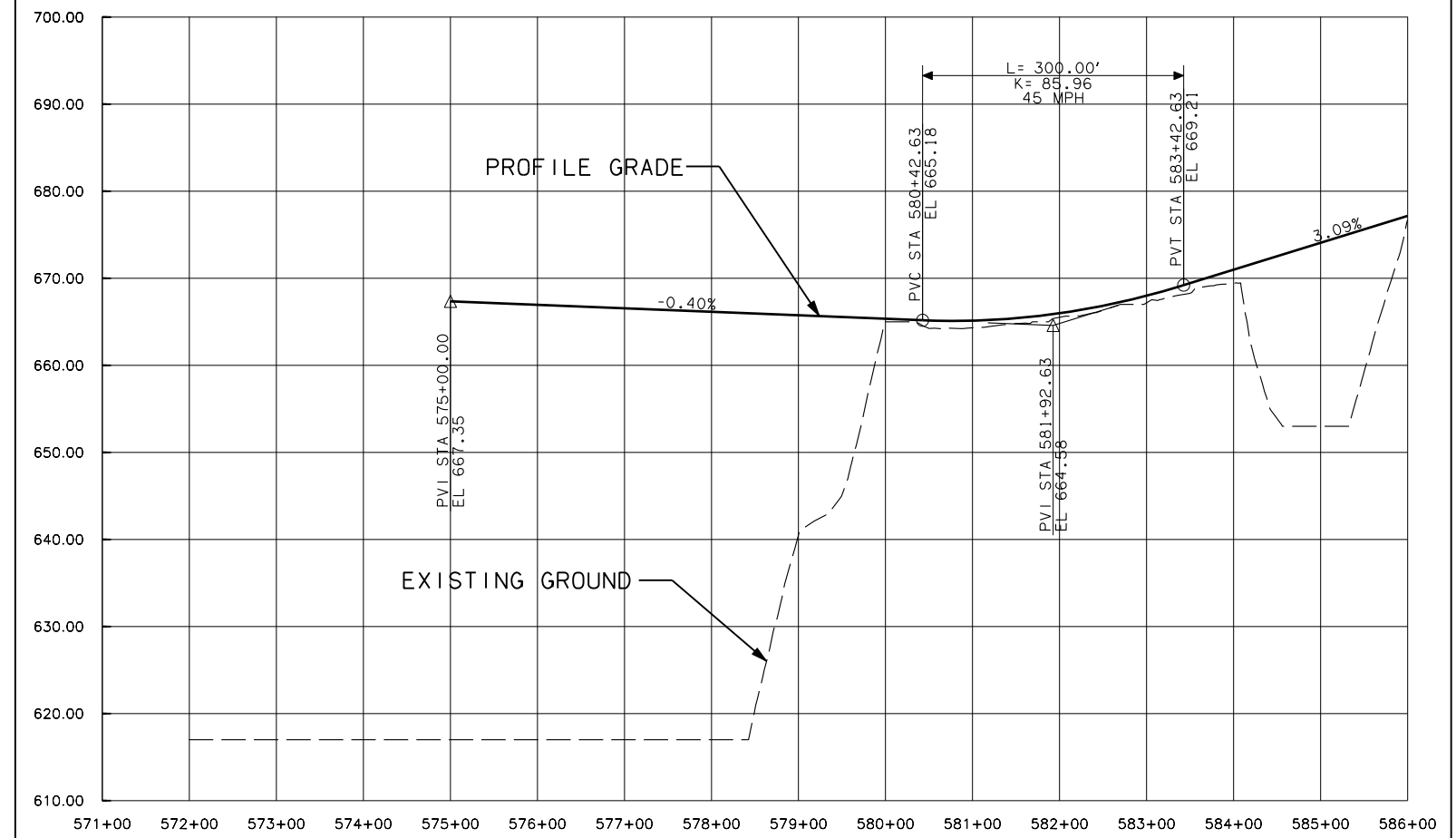


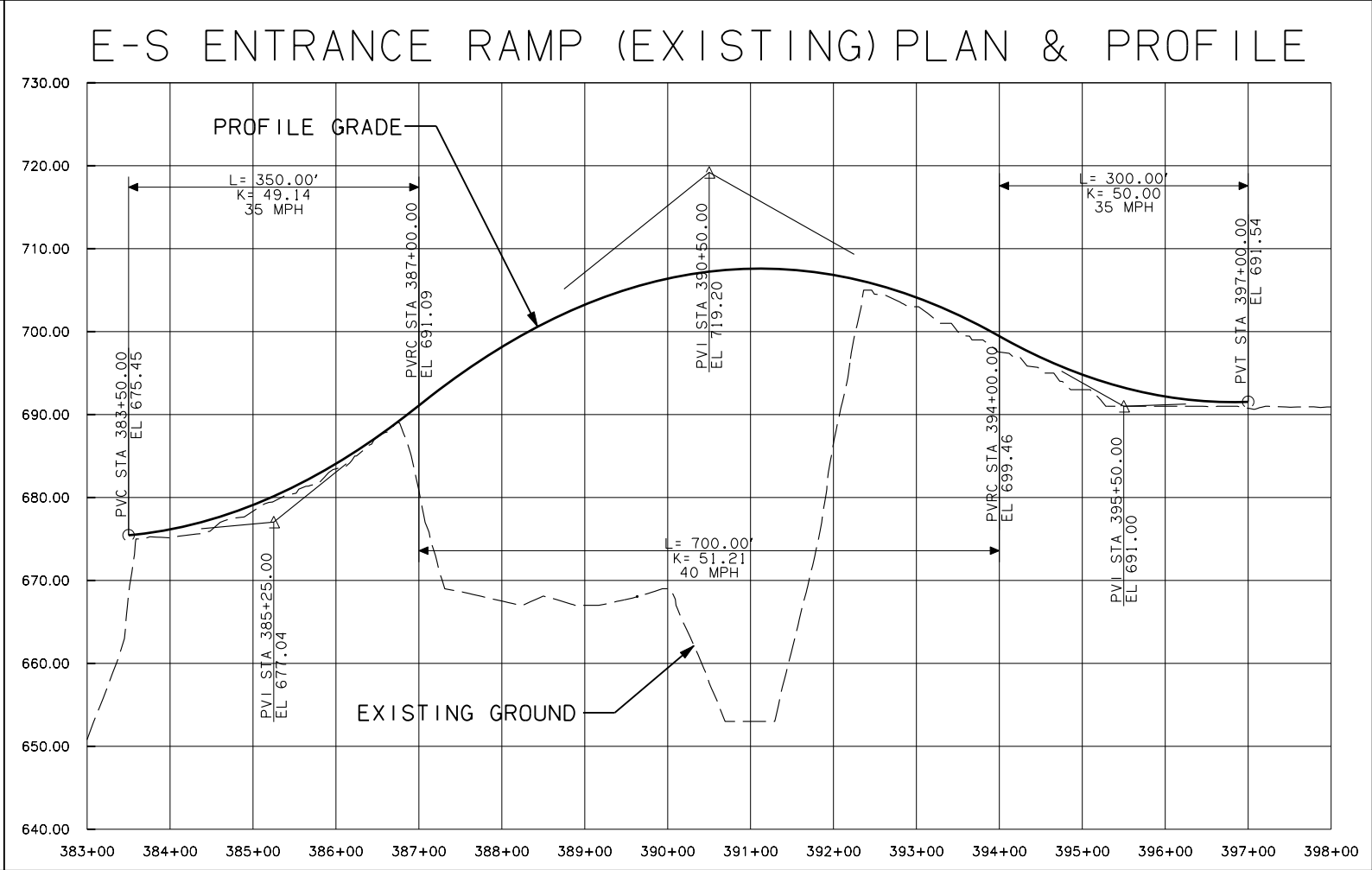
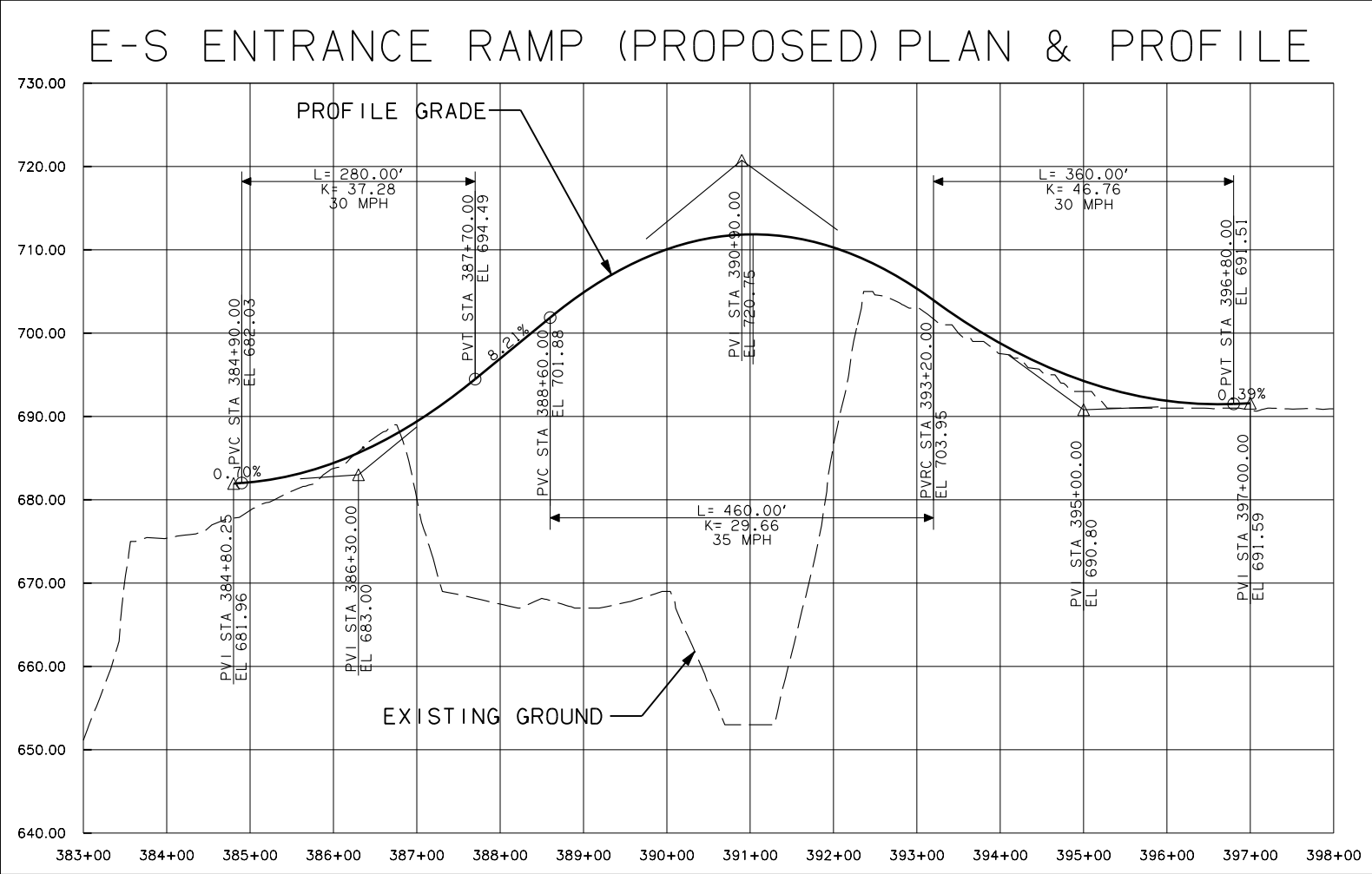
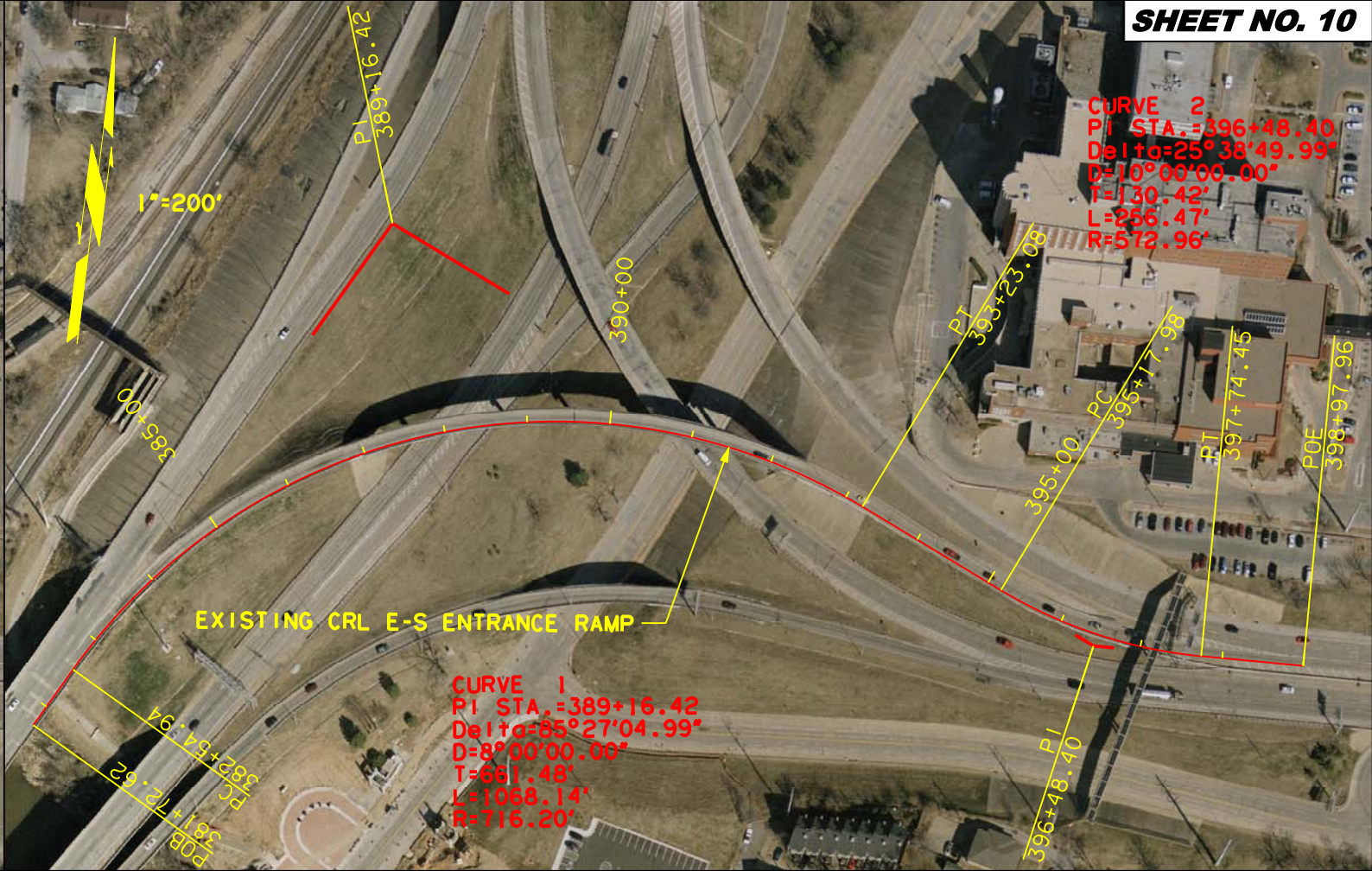
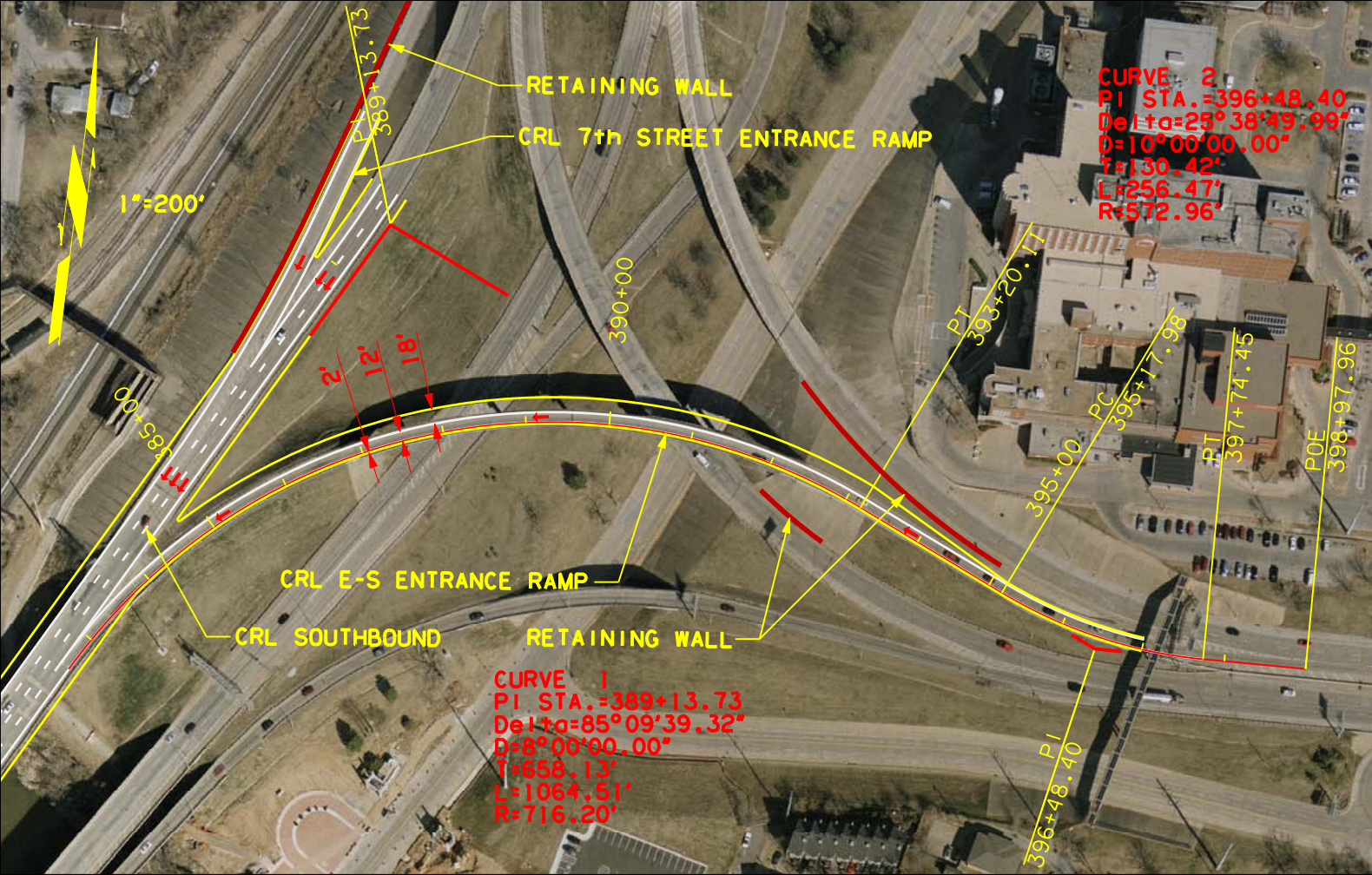


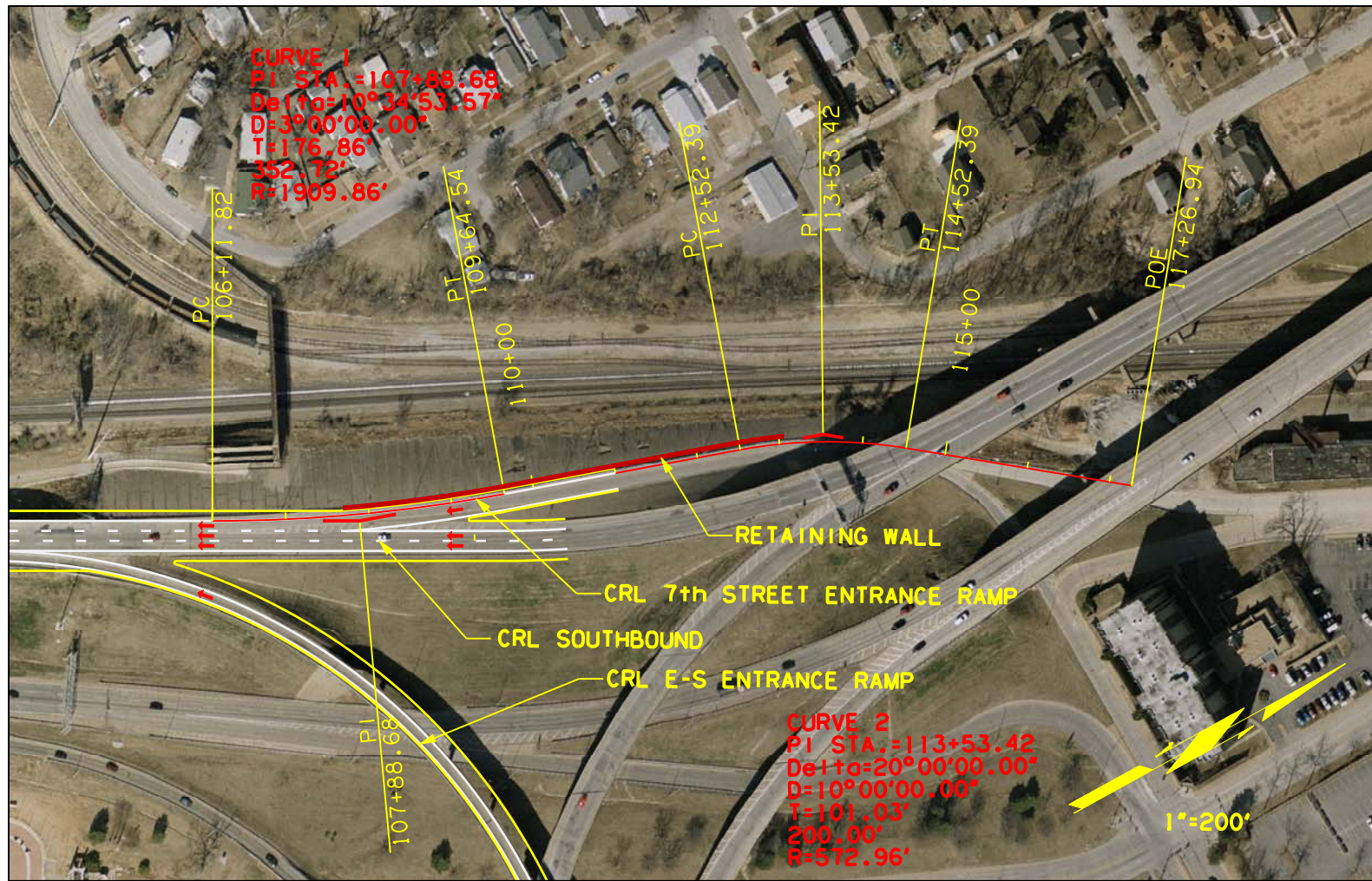
S-E EXIT RAMP (PROPOSED) PLAN & PROFILE



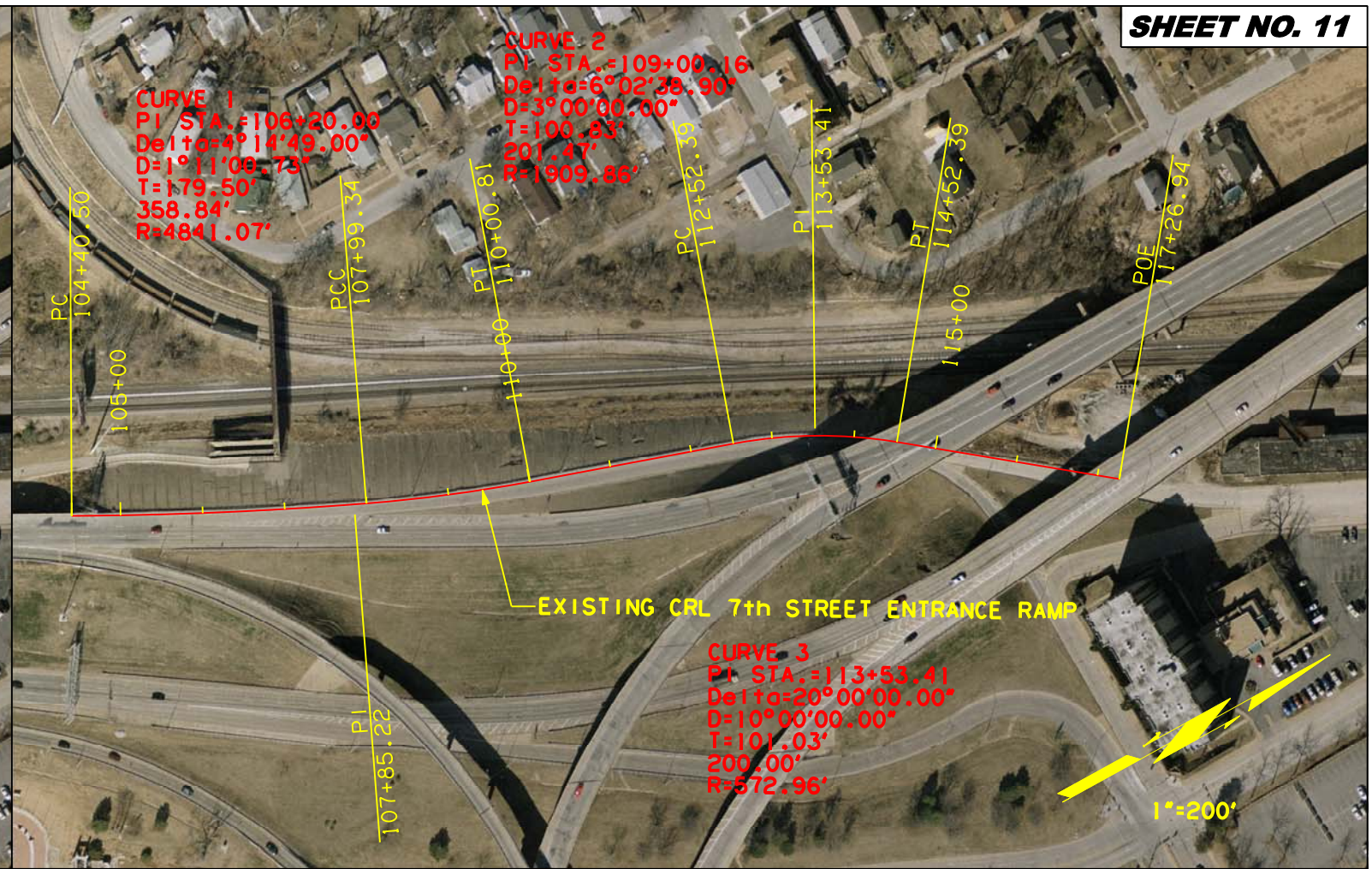
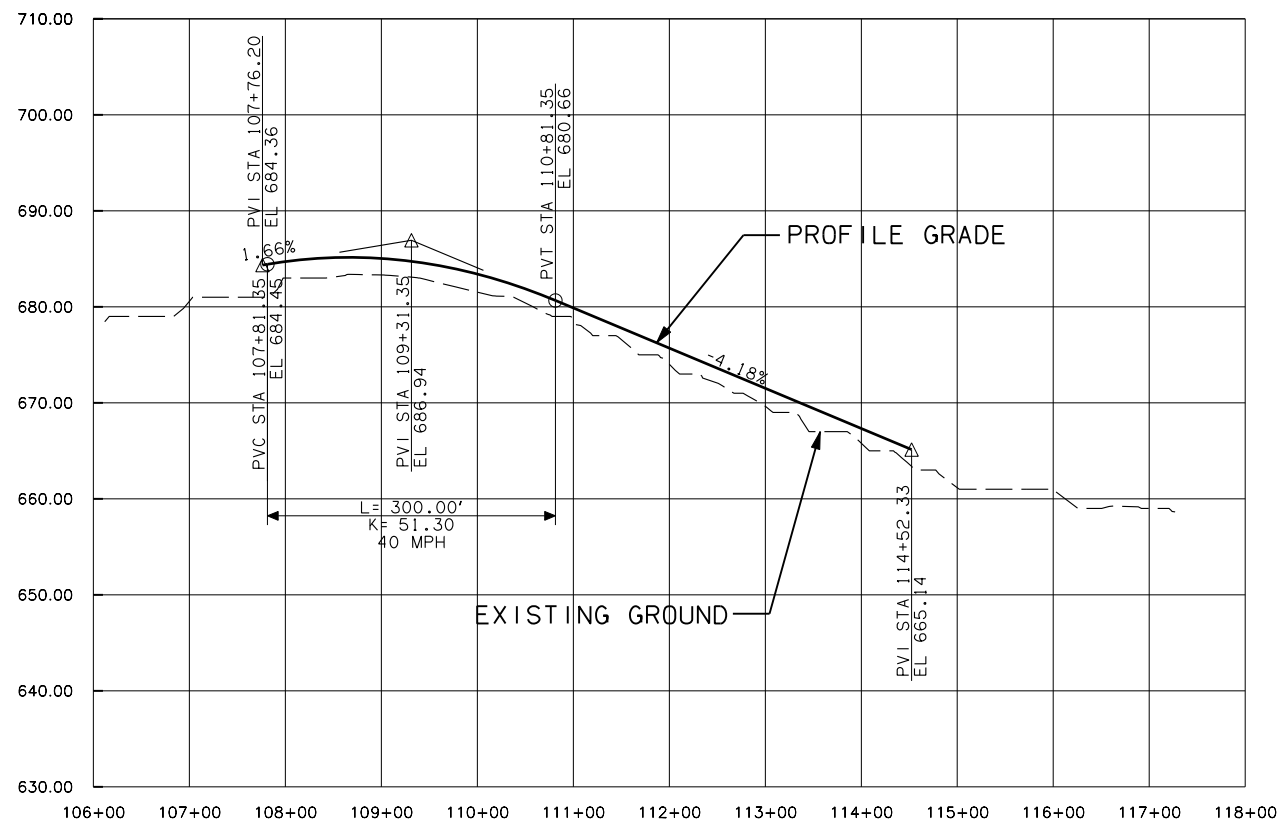
S-E EXIT RAMP (EXISTING) PLAN & PROFILE



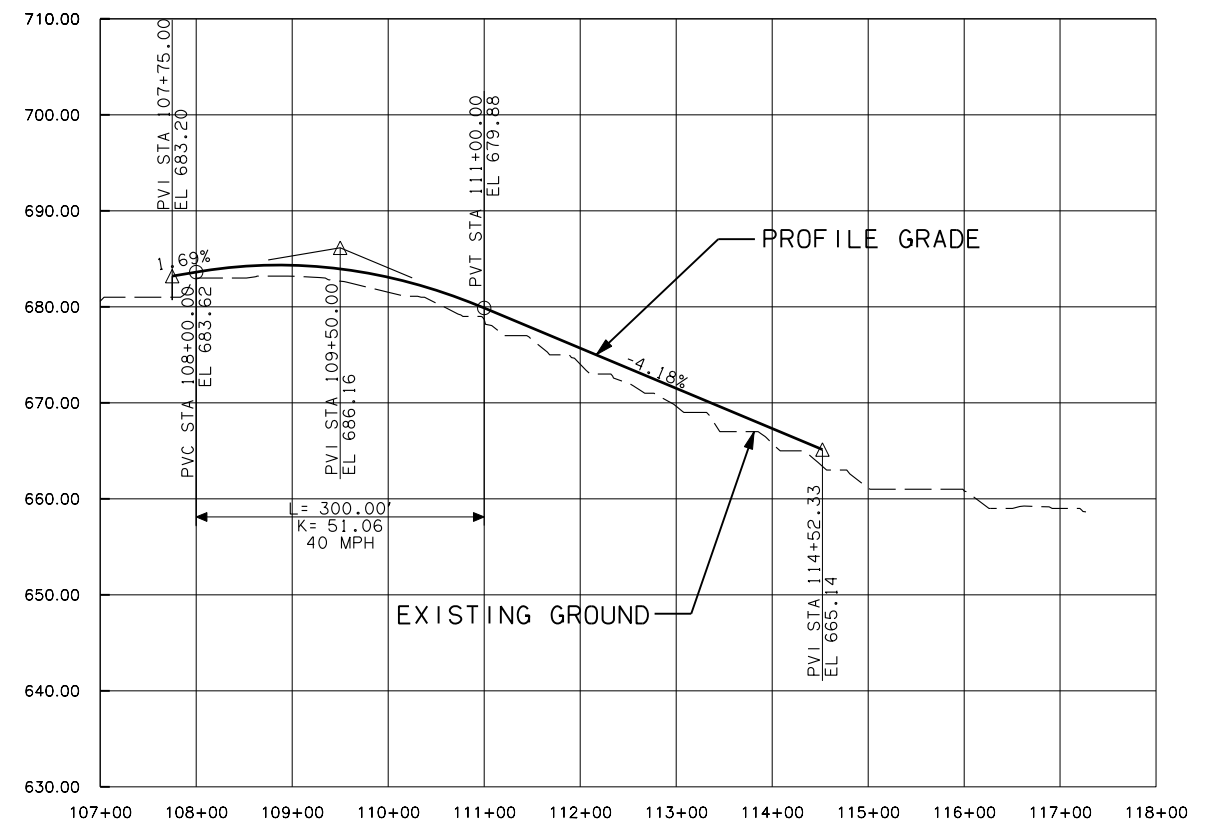


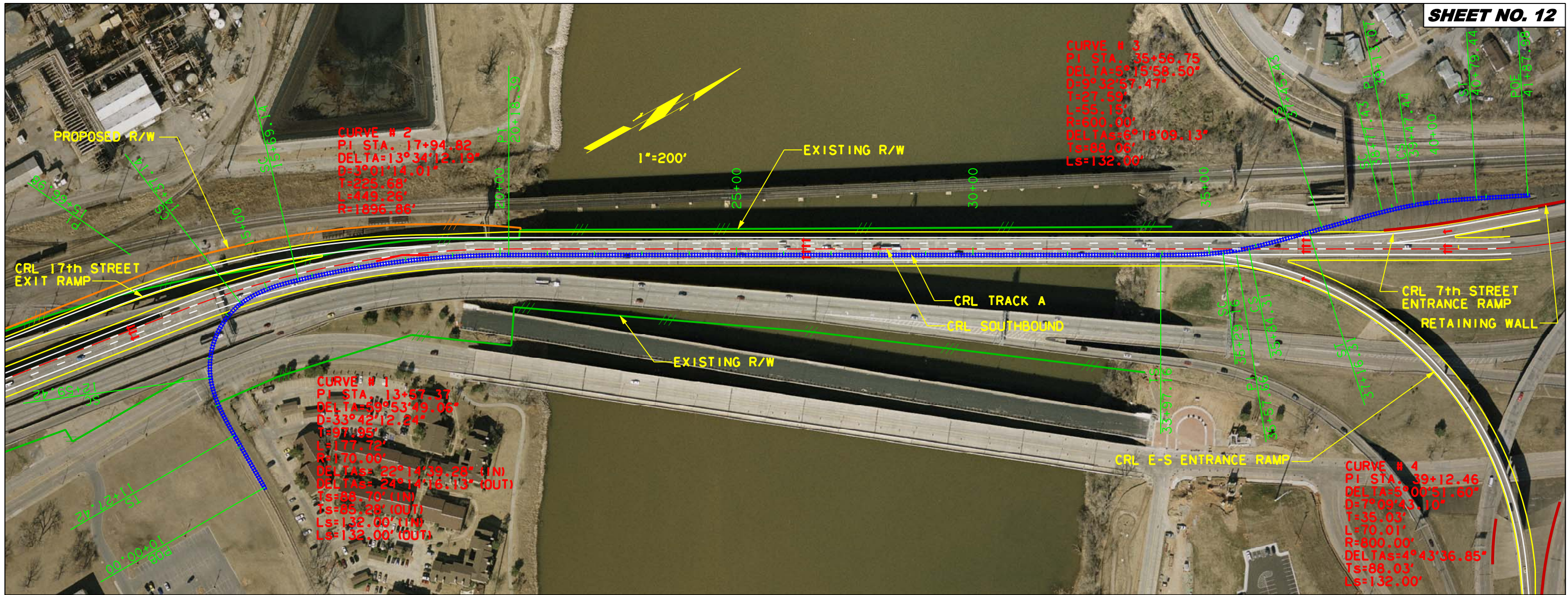


7th ST. ENTRANCE RAMP
(PROPOSED) PLAN & PROFILE

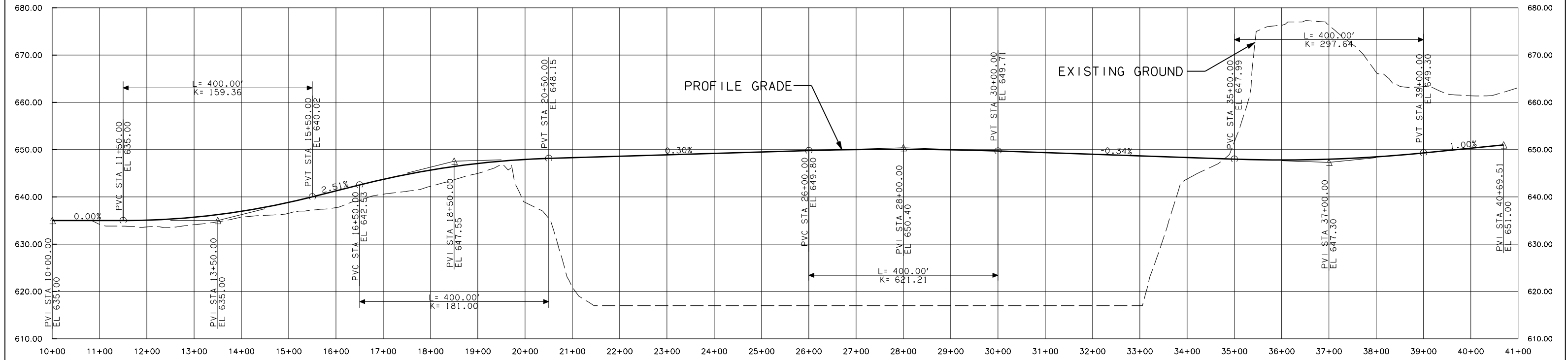


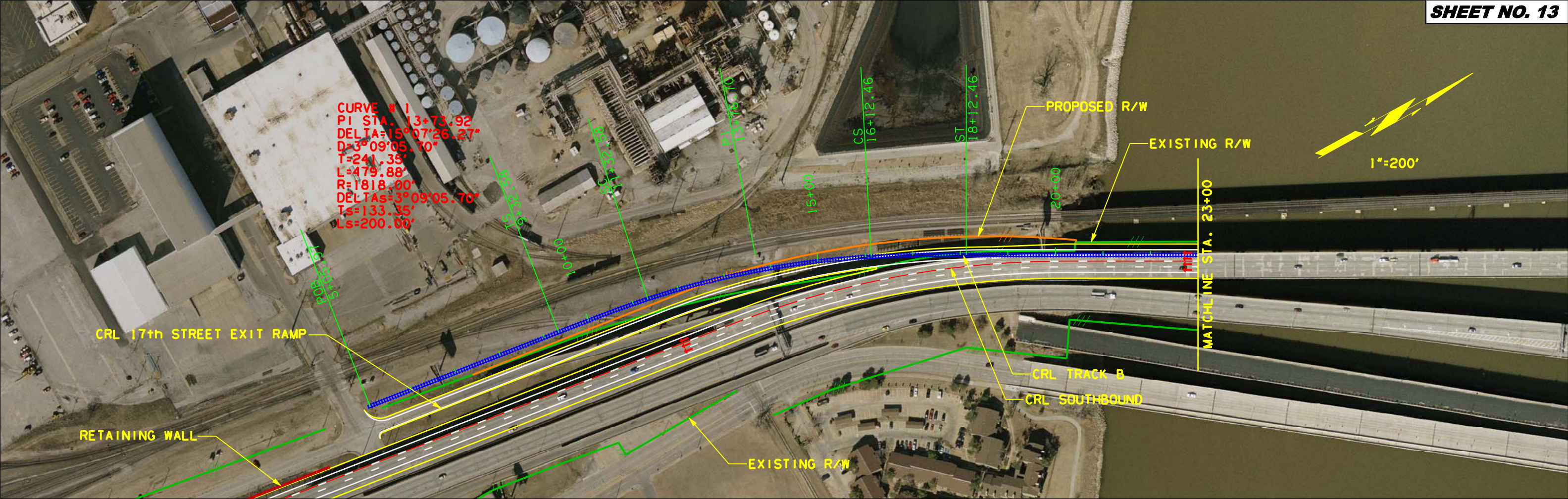
7TH-S ENTRANCE RAMP
(EXISTING) PLAN & PROFILE



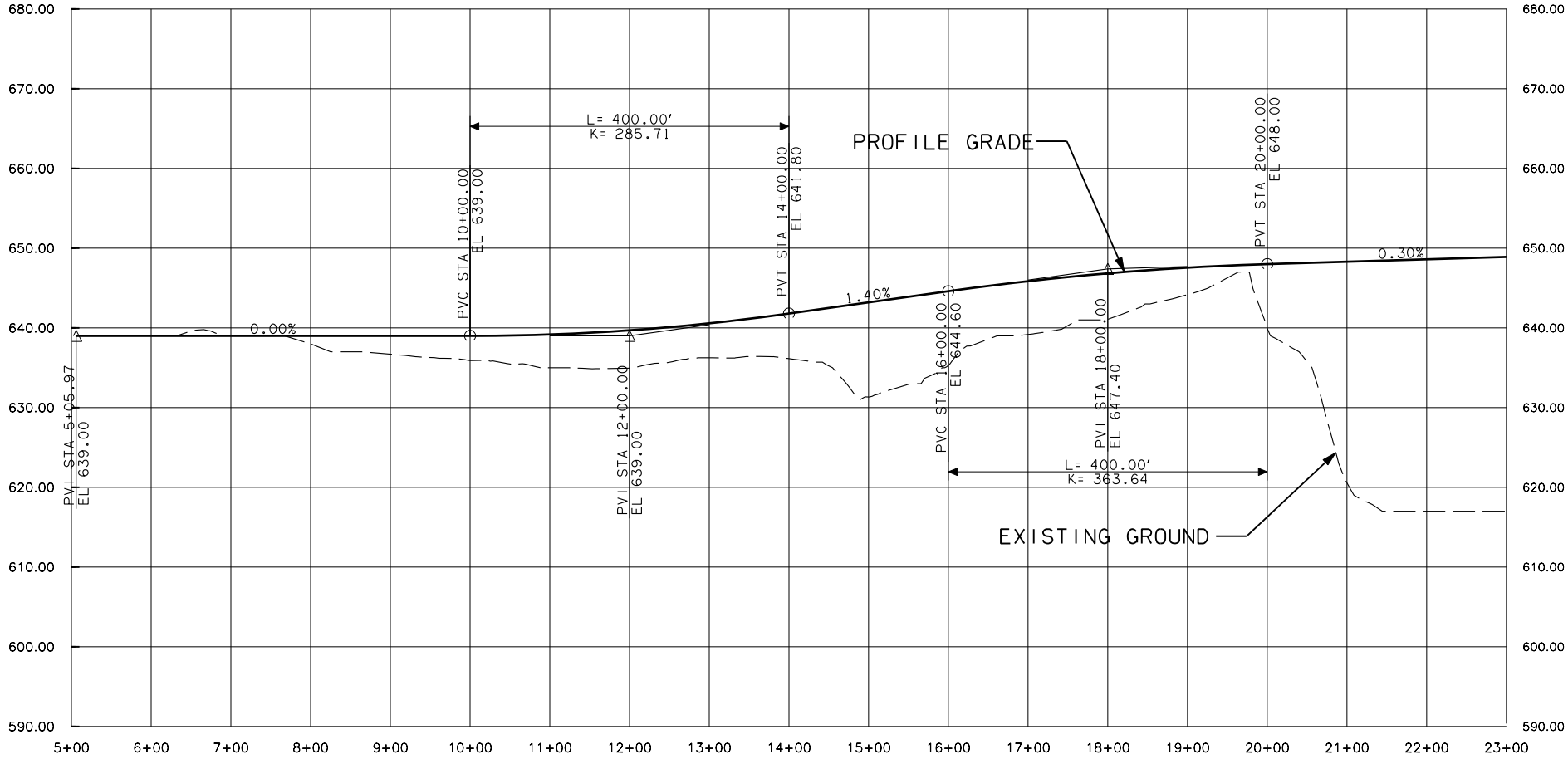


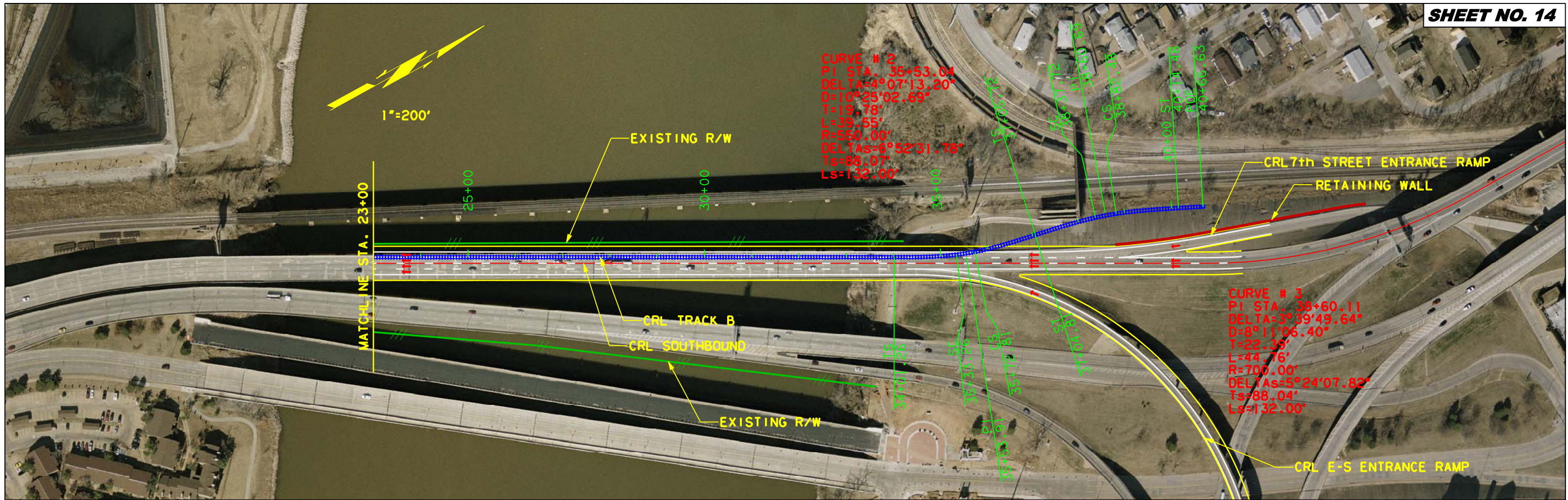
TRACK A PLAN & PROFILE STA. 10+00 TO 41+00



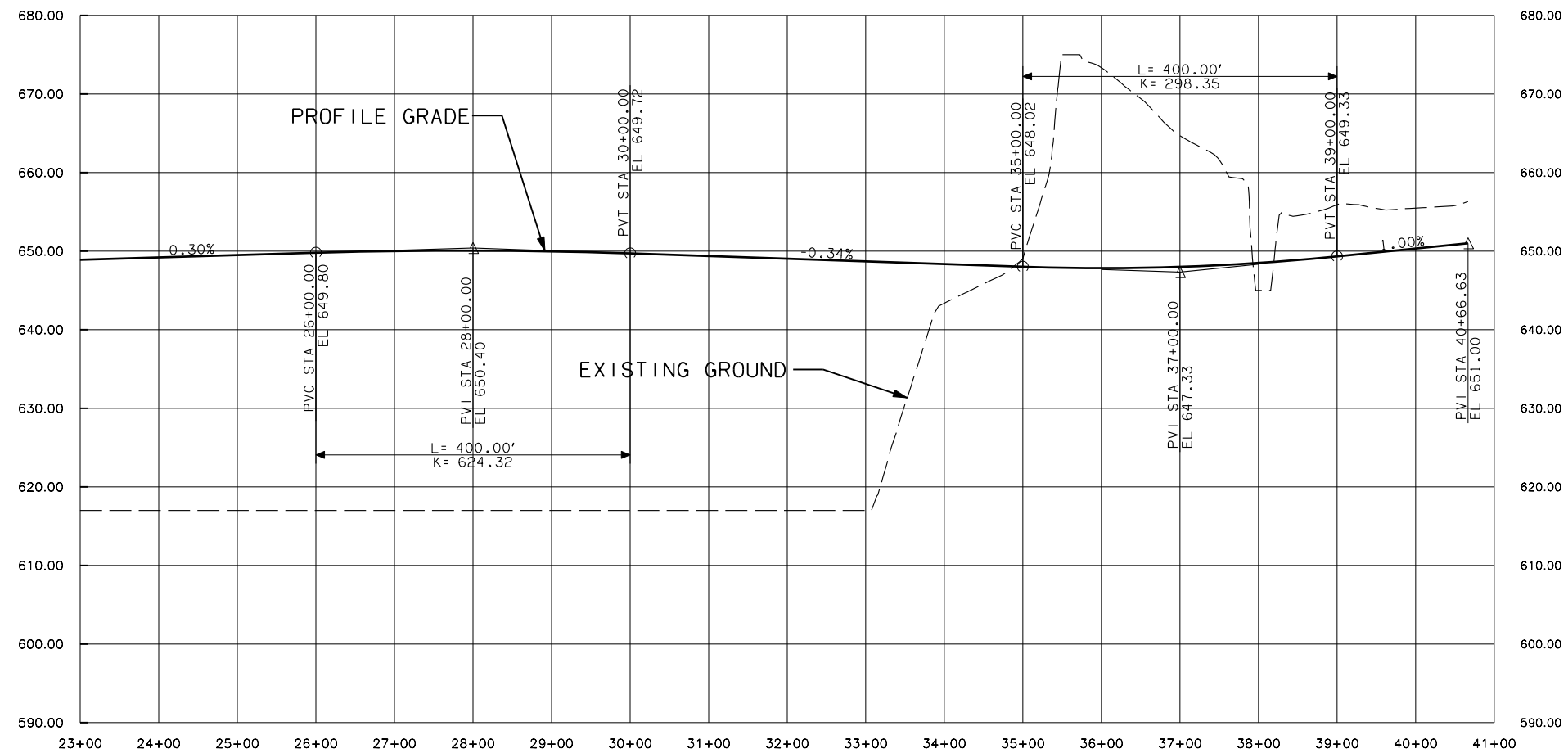


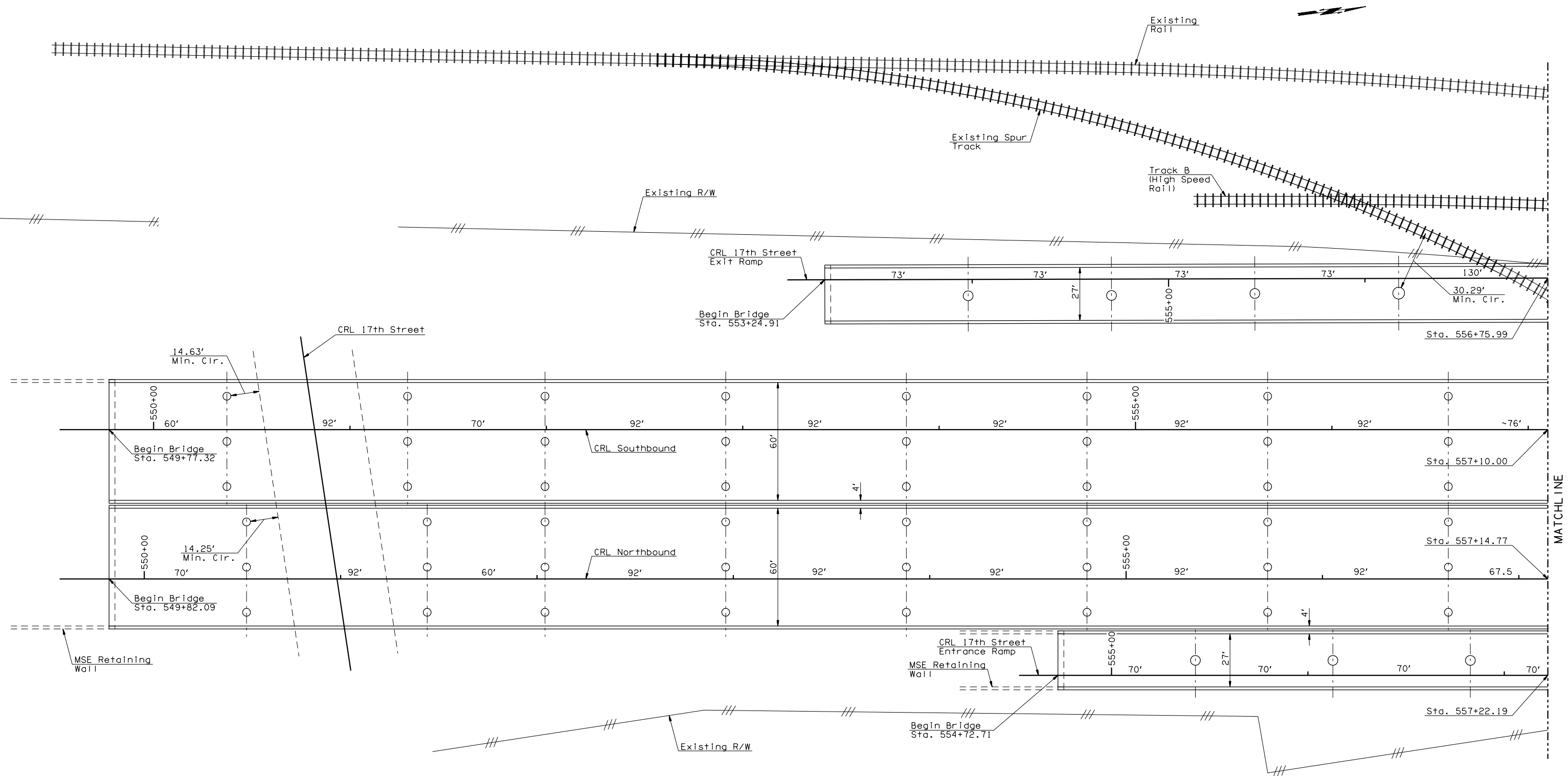
TRACK B PLAN & PROFILE STA. 5+00 TO 23+00



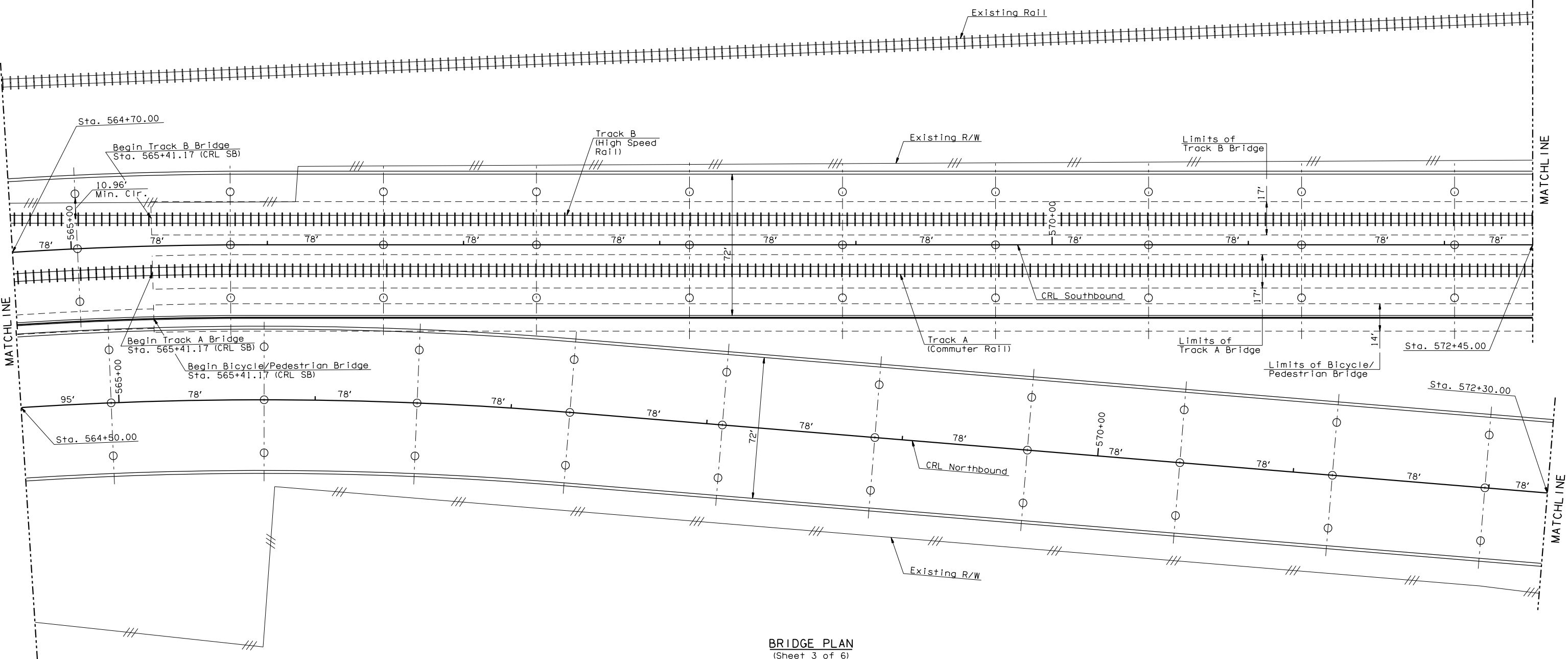


TRACK B PLAN & PROFILE STA. 23+00 TO 41+00

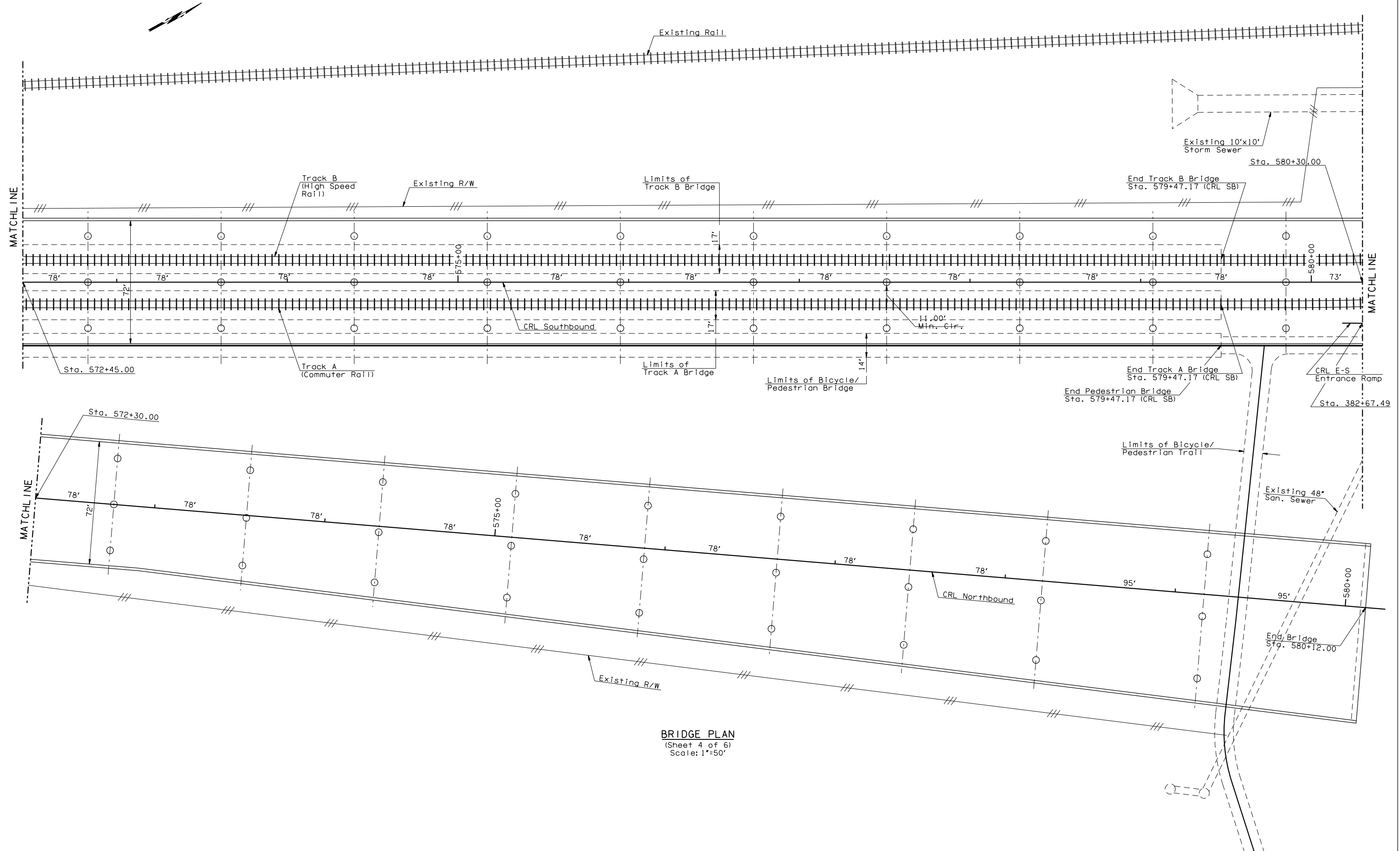


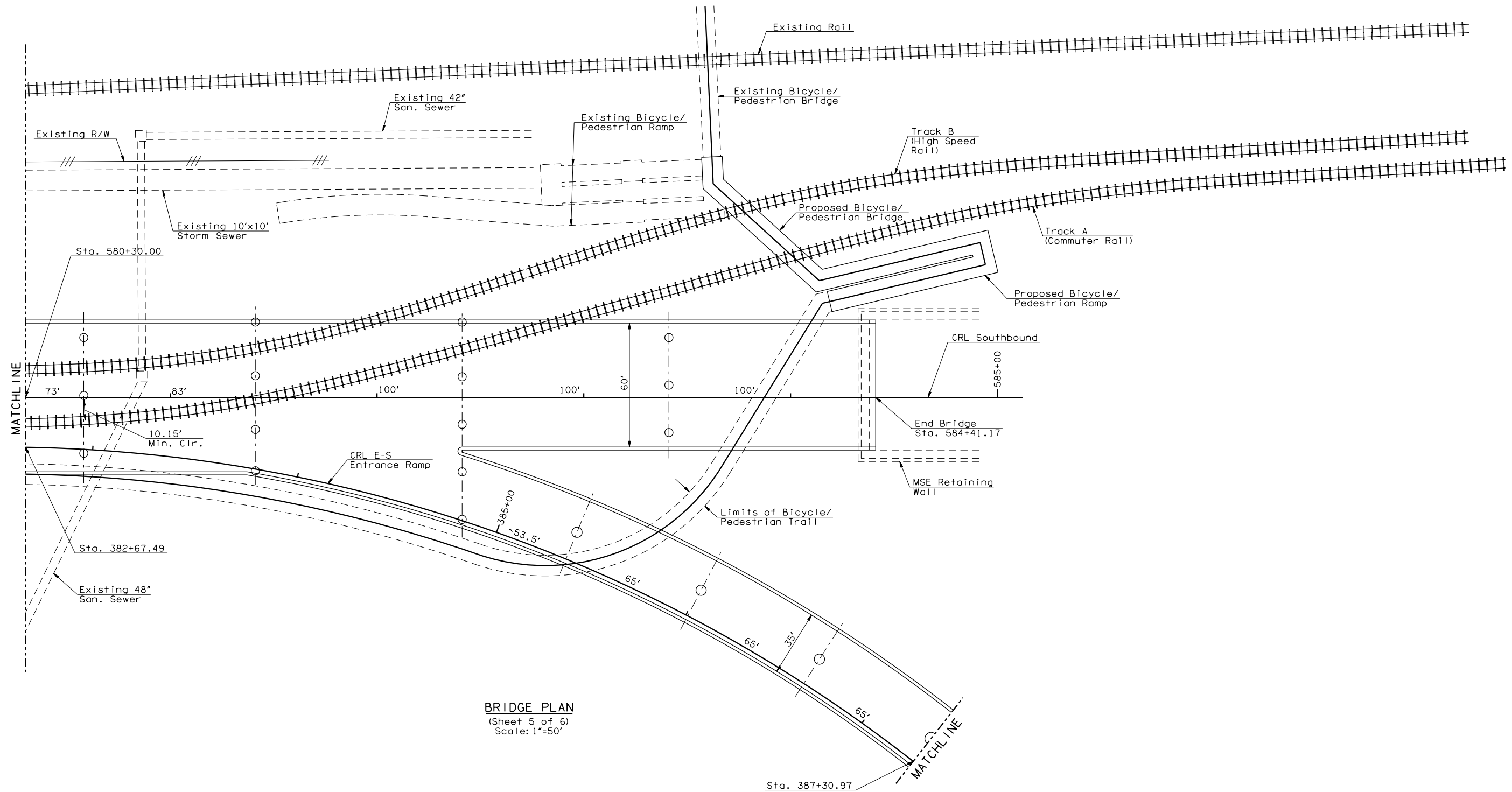


BRIDGE PLAN
(Sheet 1 of 6)
Scale: 1"=50'

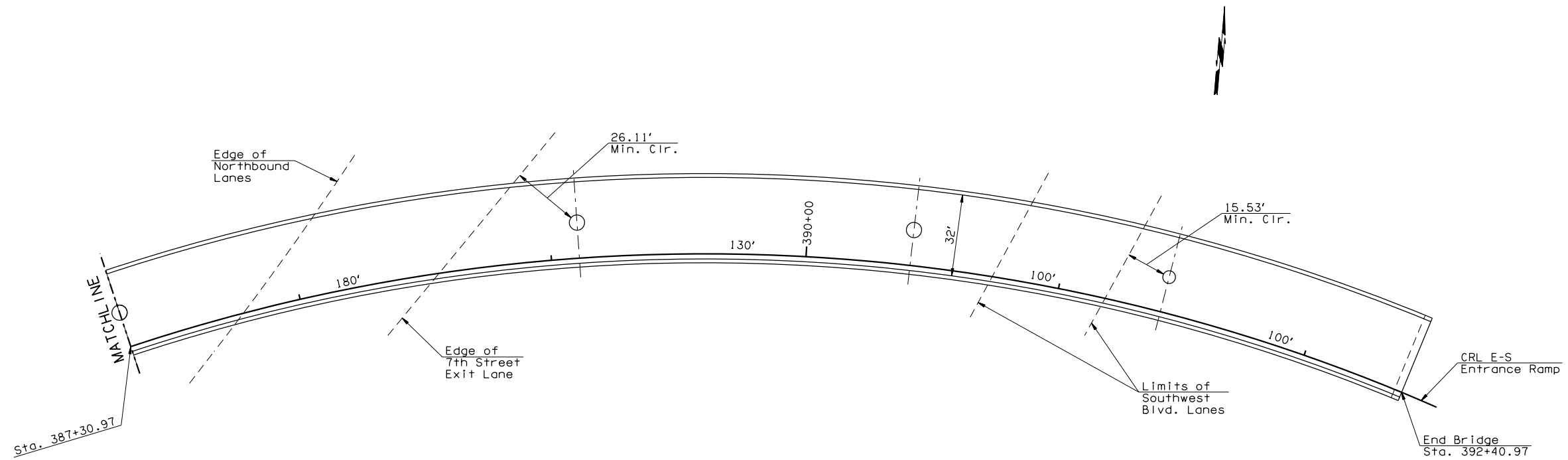


BRIDGE PLAN
(Sheet 3 of 6)
Scale: 1"=50'

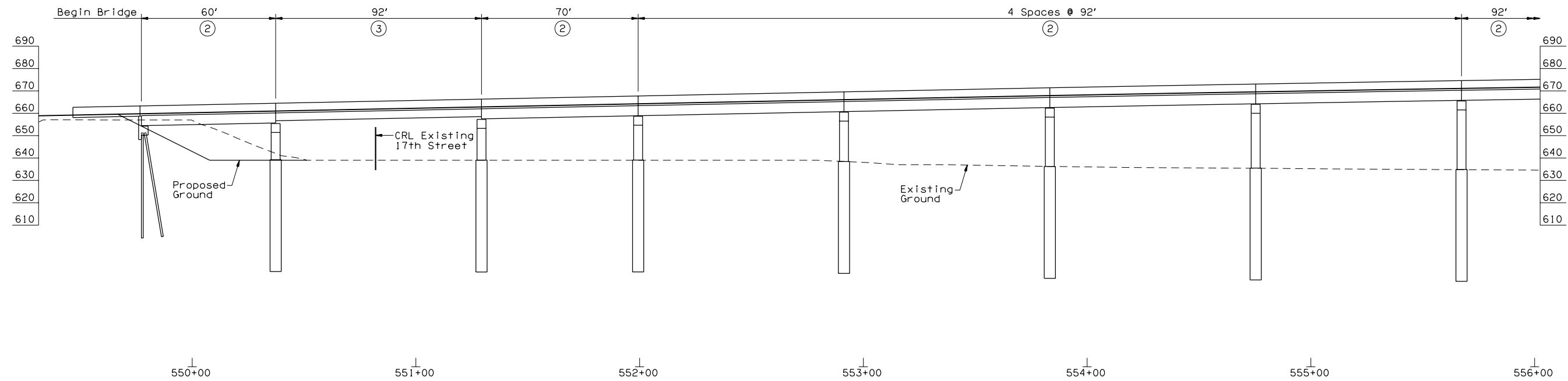




BRIDGE PLAN
(Sheet 5 of 6)
Scale: 1"=50'

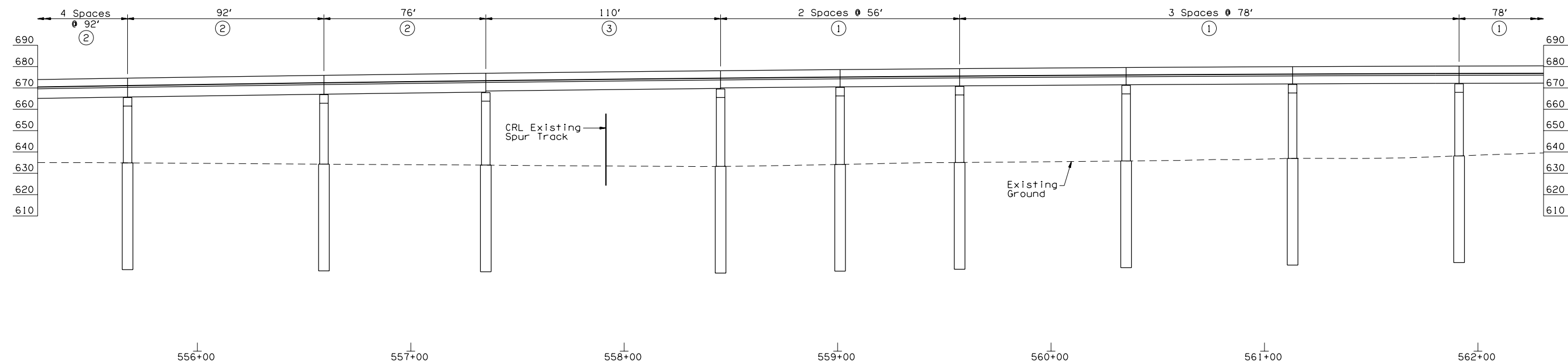


BRIDGE PLAN
(Sheet 6 of 6)
Scale: 1"=50'



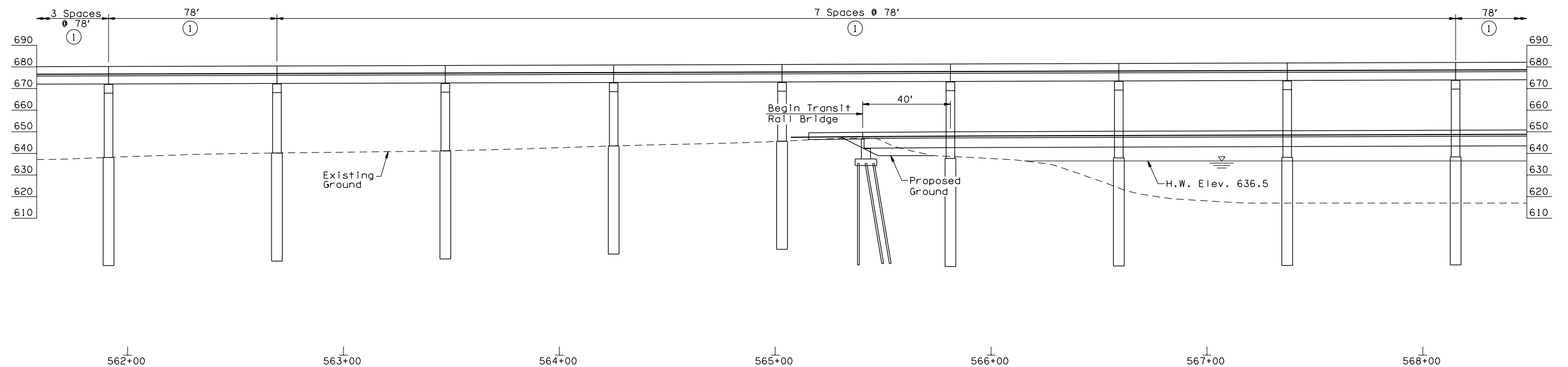
BRIDGE ELEVATION
Southbound Lanes
(Sheet 1 of 6)
Scale: 1" = 50'

- SPAN TYPE**
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span



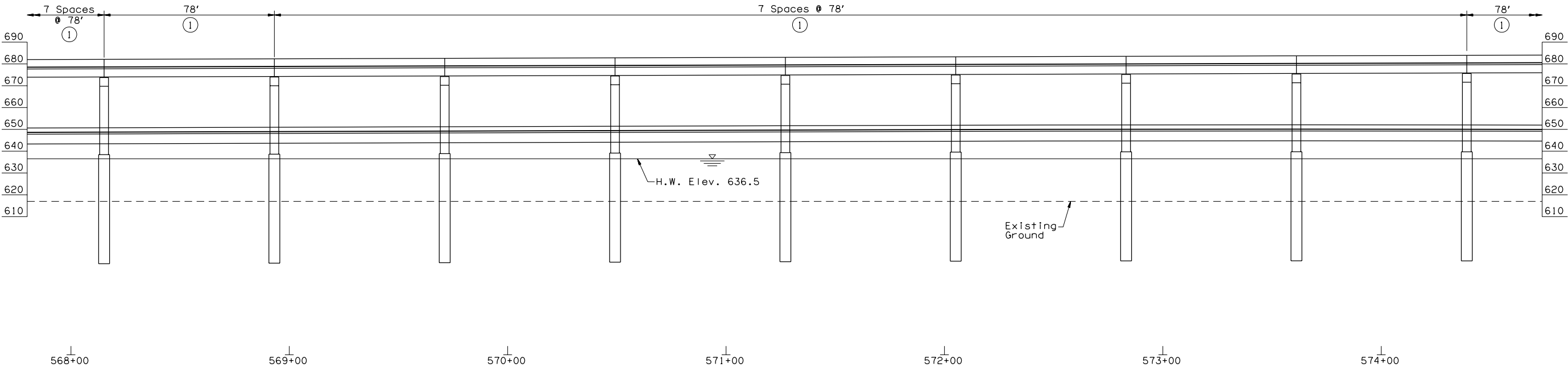
BRIDGE ELEVATION
Southbound Lanes
(Sheet 2 of 6)
Scale: 1" = 50'

- SPAN TYPE**
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span



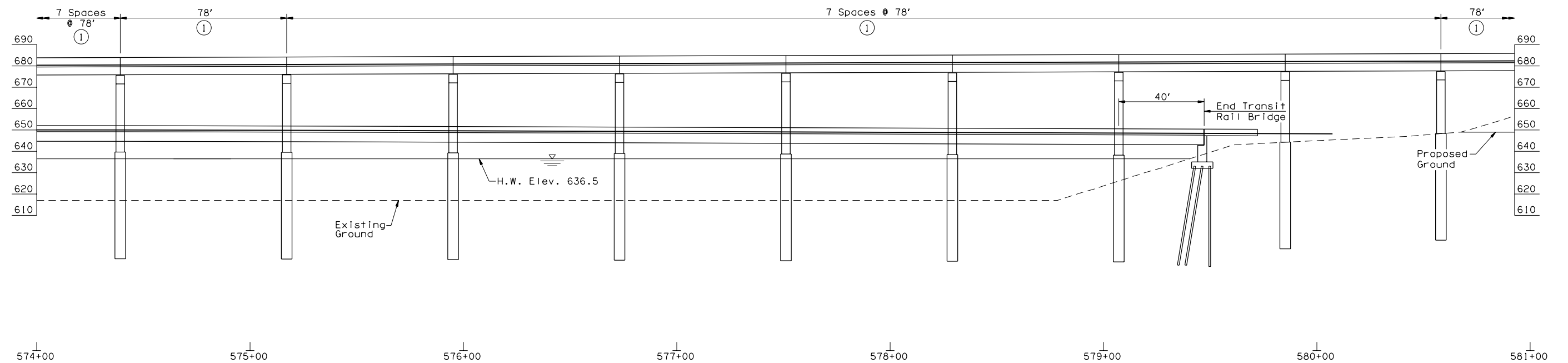
BRIDGE ELEVATION
Southbound Lanes
(Sheet 3 of 6)
Scale: 1" = 50'

- SPAN TYPE**
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span



BRIDGE ELEVATION
Southbound Lanes
(Sheet 4 of 6)
Scale: 1" = 50'

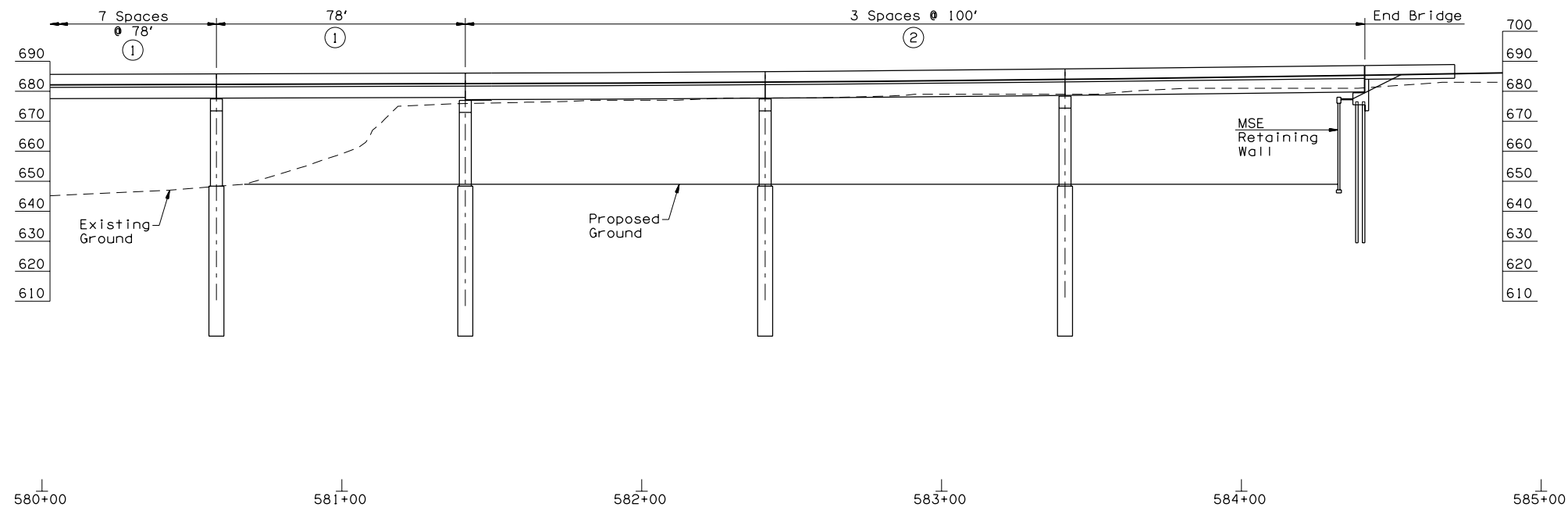
- SPAN TYPE**
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span

BRIDGE ELEVATION

Southbound Lanes
(Sheet 5 of 6)
Scale: 1" = 50'

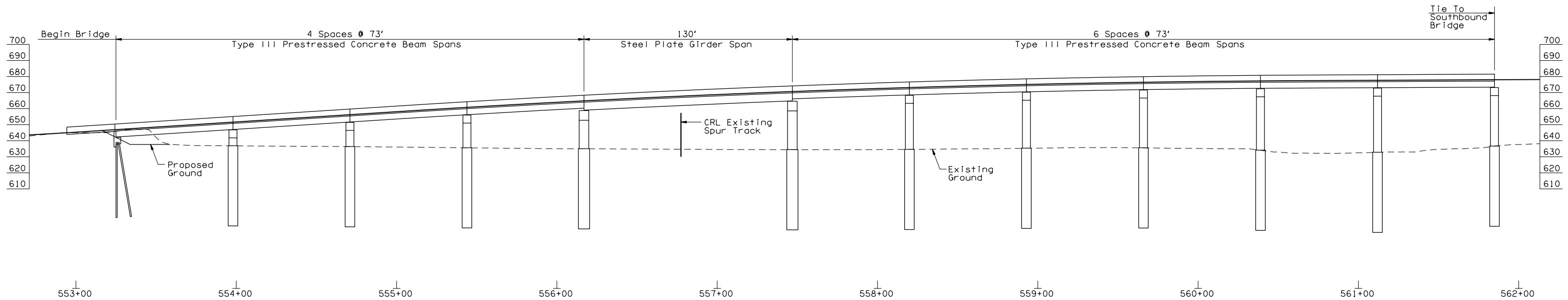
SPAN TYPE

- ① Type III Prestressed Concrete Beam Span
- ② Type IV Prestressed Concrete Beam Span
- ③ Steel Plate Girder Span



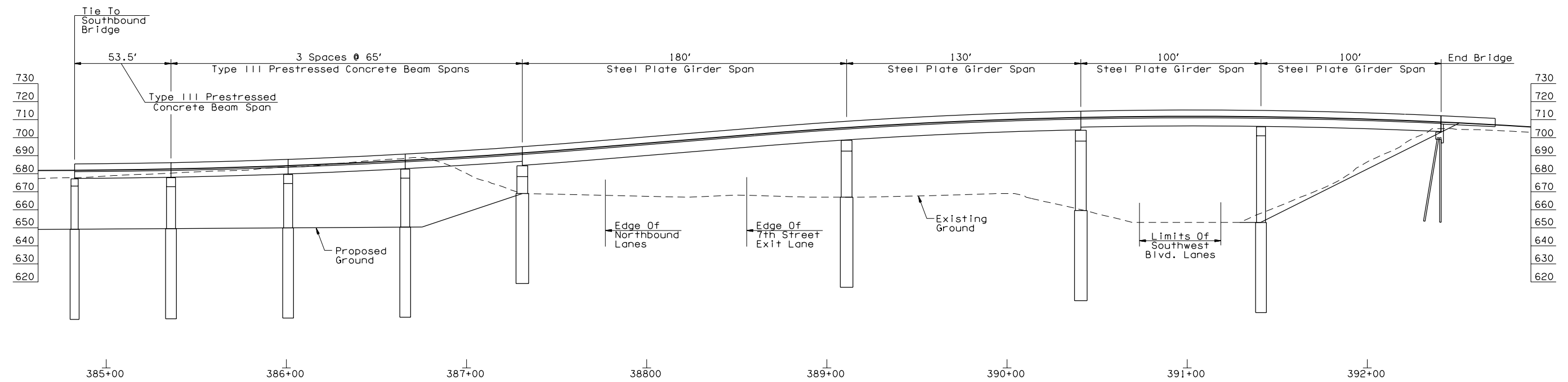
BRIDGE ELEVATION
Southbound Lanes
(Sheet 6 of 6)
Scale: 1" = 50'

- SPAN TYPE
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span



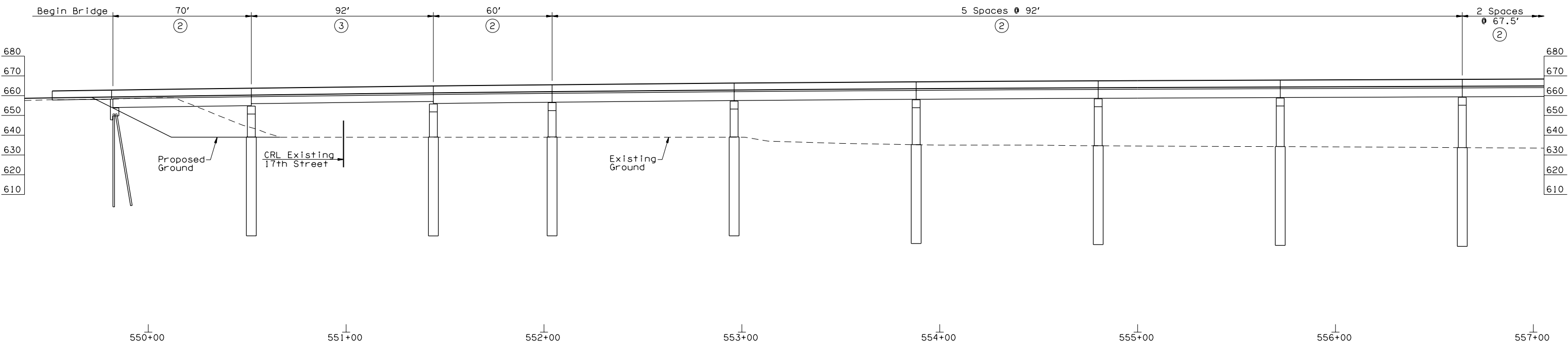
BRIDGE ELEVATION

17th Street Exit Ramp
Scale: 1" = 60'



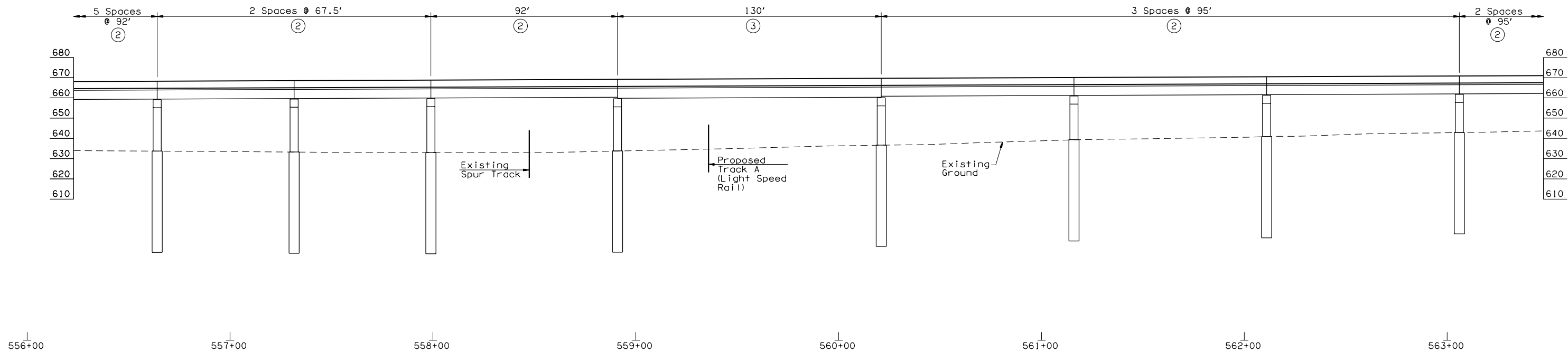
BRIDGE ELEVATION

E-S Entrance Ramp
Scale: 1" = 60'



BRIDGE ELEVATION
Northbound Lanes
(Sheet 1 of 5)
Scale: 1" = 50'

- SPAN TYPE
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span

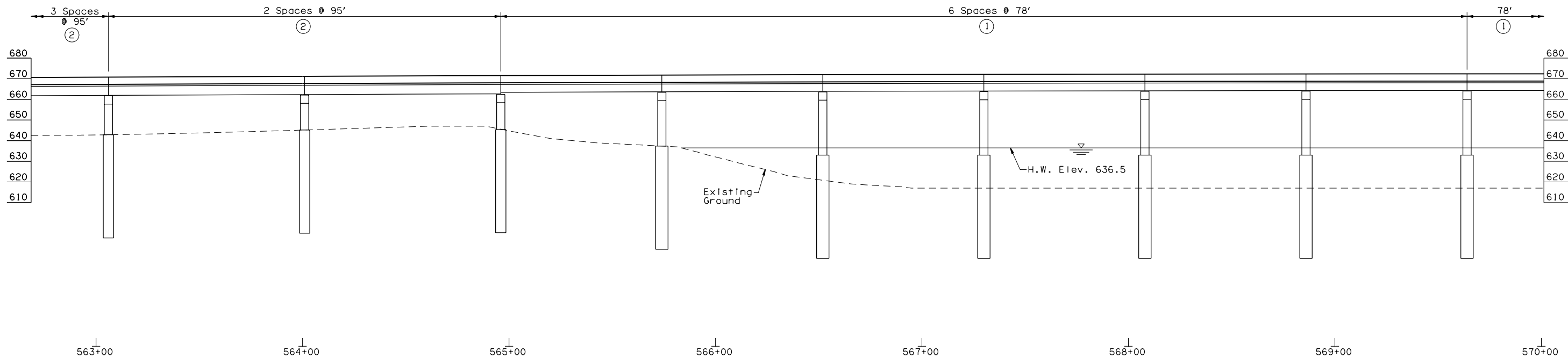


BRIDGE ELEVATION

Northbound Lanes
(Sheet 2 of 5)
Scale: 1" = 50'

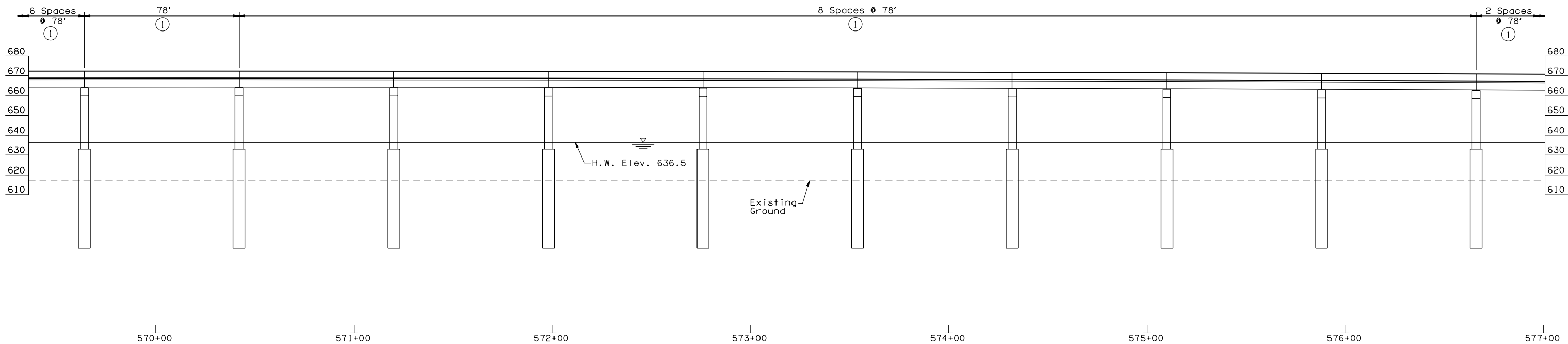
SPAN TYPE

- ① Type III Prestressed Concrete Beam Span
- ② Type IV Prestressed Concrete Beam Span
- ③ Steel Plate Girder Span



BRIDGE ELEVATION
Northbound Lanes
(Sheet 3 of 5)
Scale: 1" = 50'

- SPAN TYPE**
- ① Type III Prestressed Concrete Beam Span
 - ② Type IV Prestressed Concrete Beam Span
 - ③ Steel Plate Girder Span

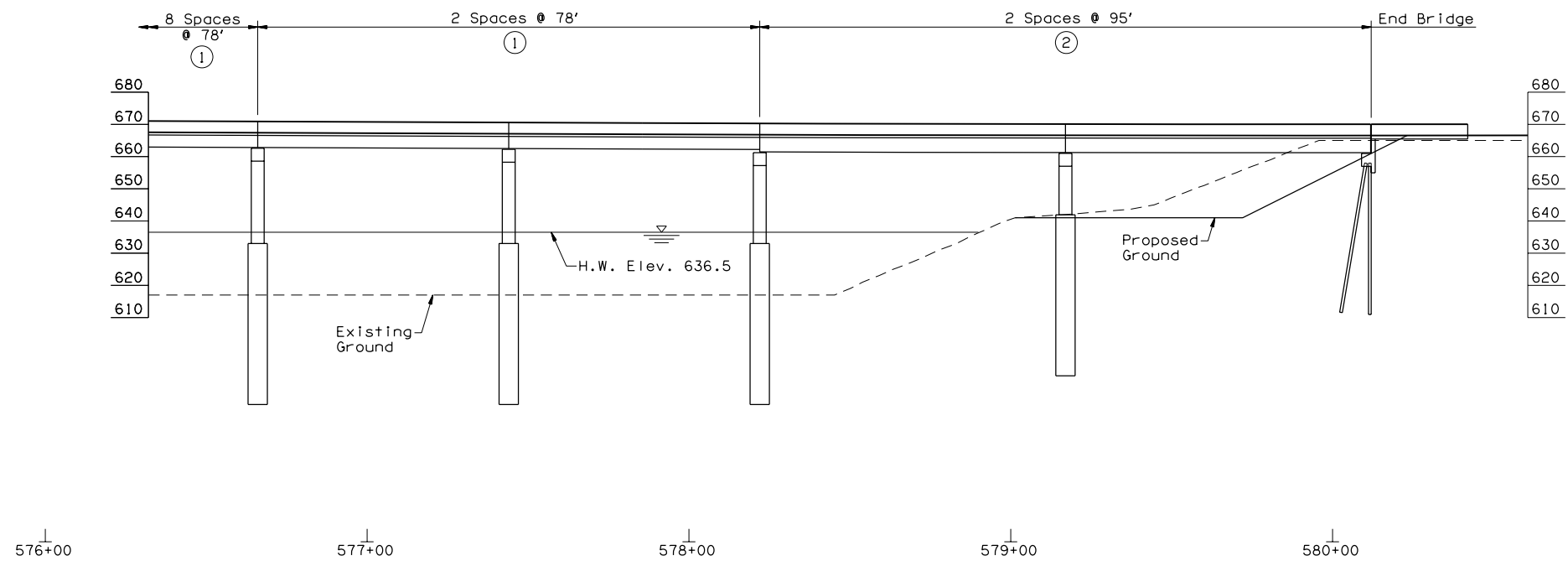


BRIDGE ELEVATION

Northbound Lanes
(Sheet 4 of 5)
Scale: 1" = 50'

SPAN TYPE

- (1) Type III Prestressed Concrete Beam Span
- (2) Type IV Prestressed Concrete Beam Span
- (3) Steel Plate Girder Span

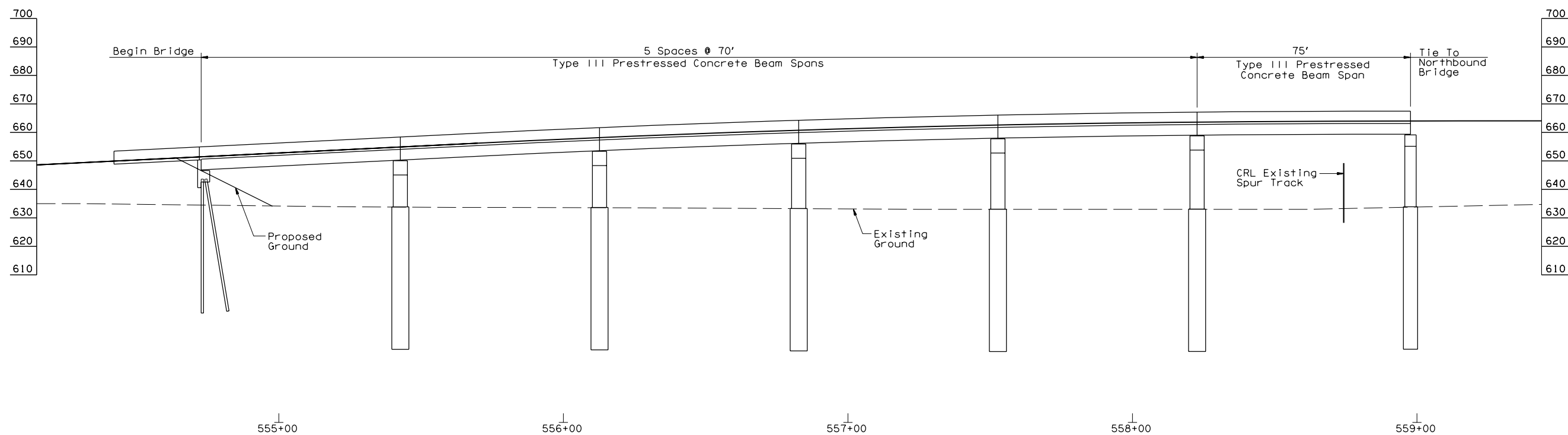


BRIDGE ELEVATION

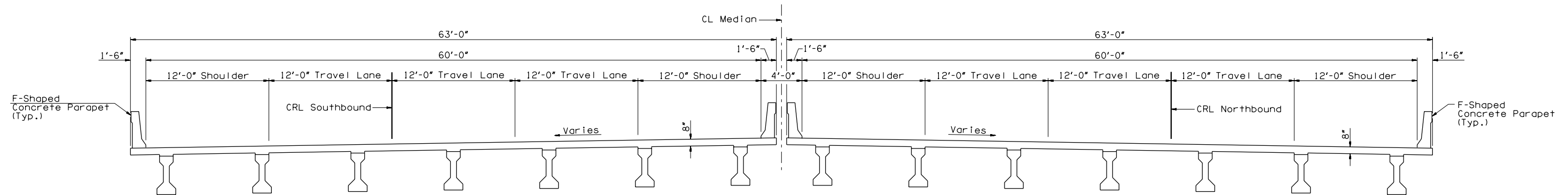
Northbound Lanes
(Sheet 5 of 5)
Scale: 1" = 50'

SPAN TYPE

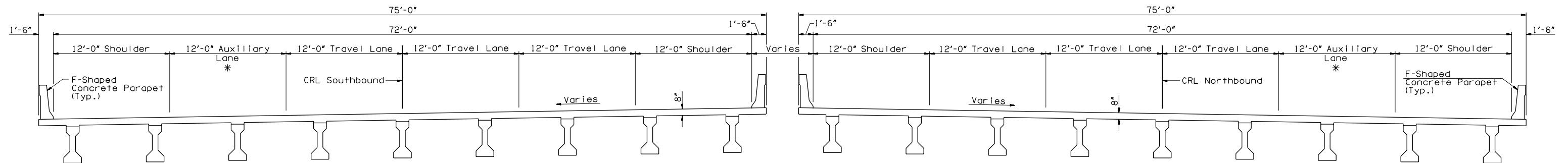
- ① Type III Prestressed Concrete Beam Span
- ② Type IV Prestressed Concrete Beam Span
- ③ Steel Plate Girder Span



BRIDGE ELEVATION
17th Street Entrance Ramp
Scale: 1" = 40'

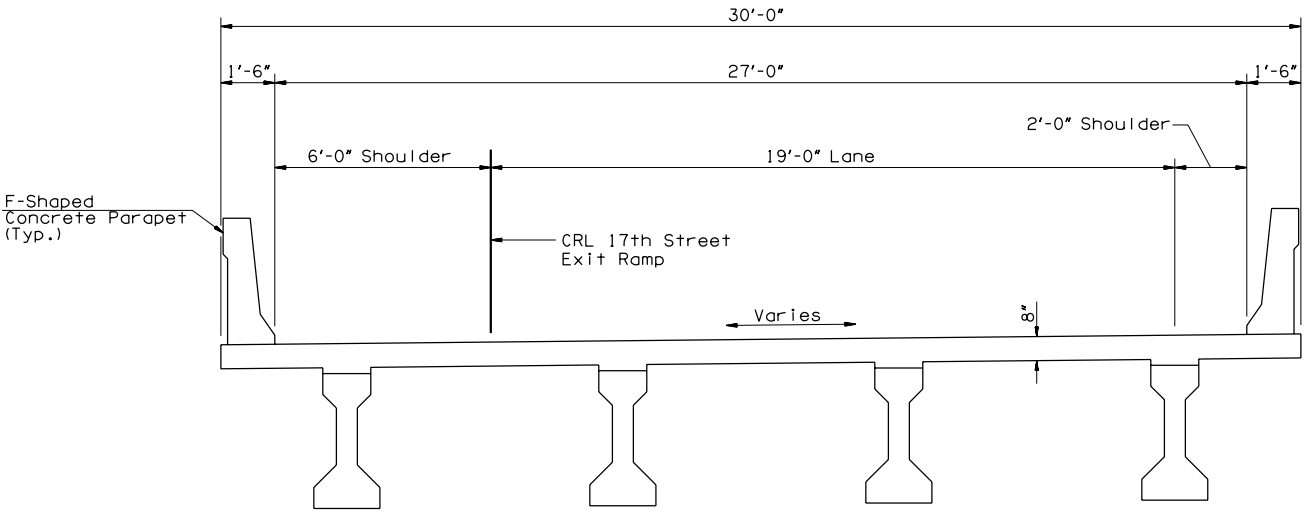


TYPICAL SECTION
(Showing 3-Lane Section)

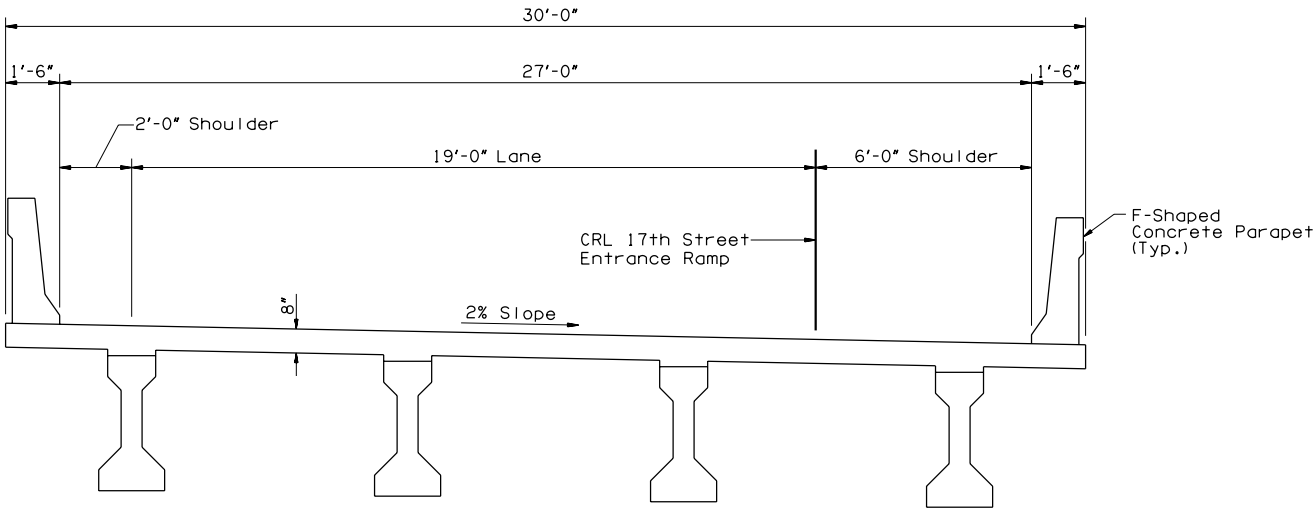


* Auxiliary Lanes can be converted to continuous Travel Lanes in future four-lane improvements.

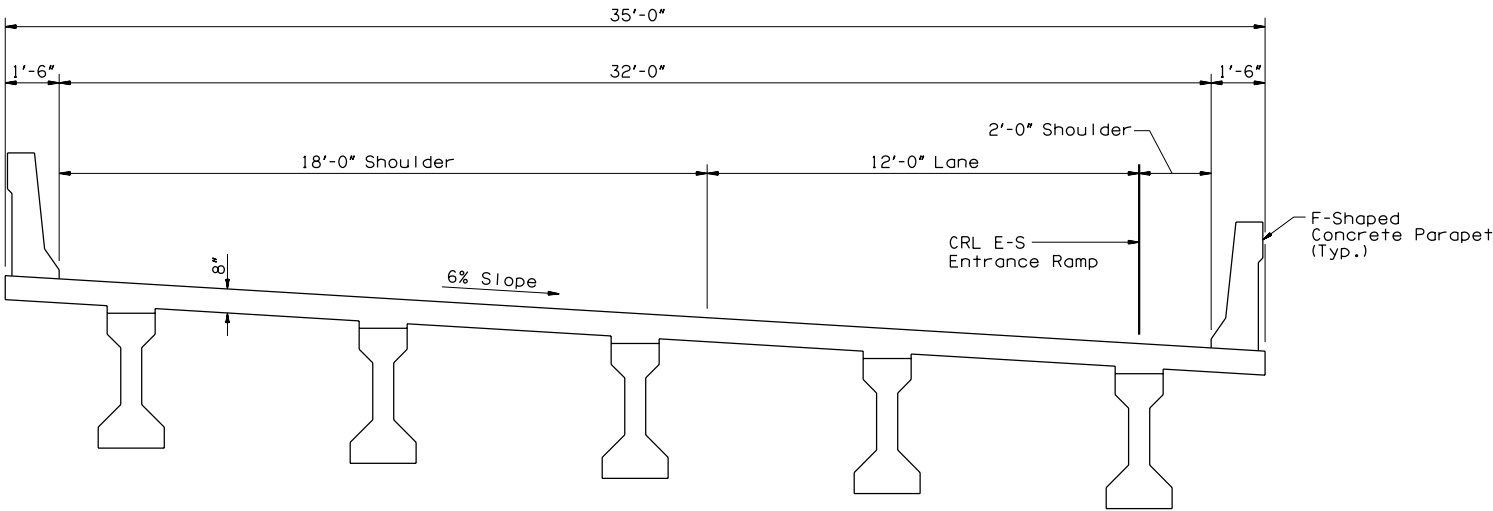
TYPICAL SECTION
(Showing 4-Lane Section)



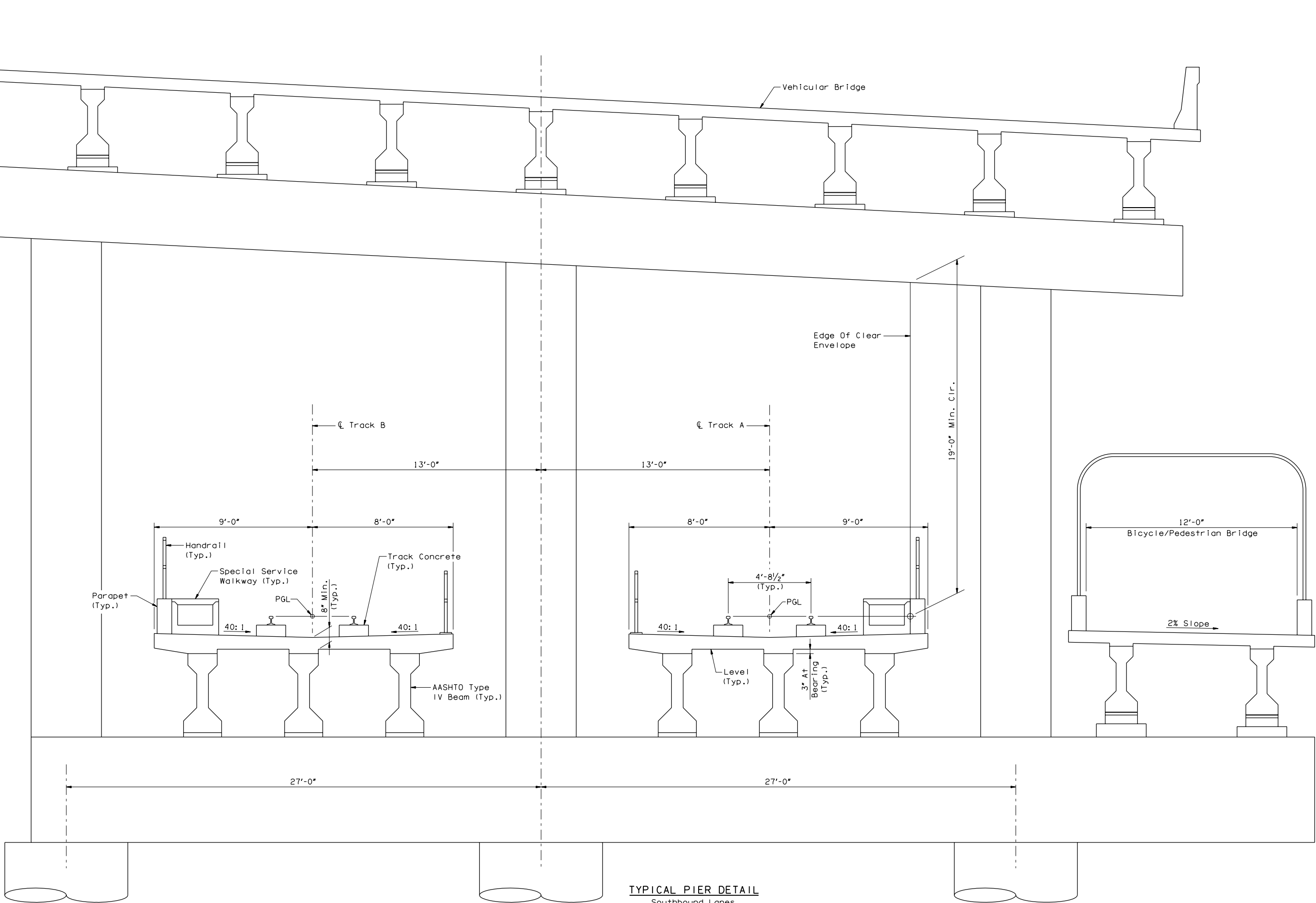
TYPICAL SECTION
17th Street Exit Ramp



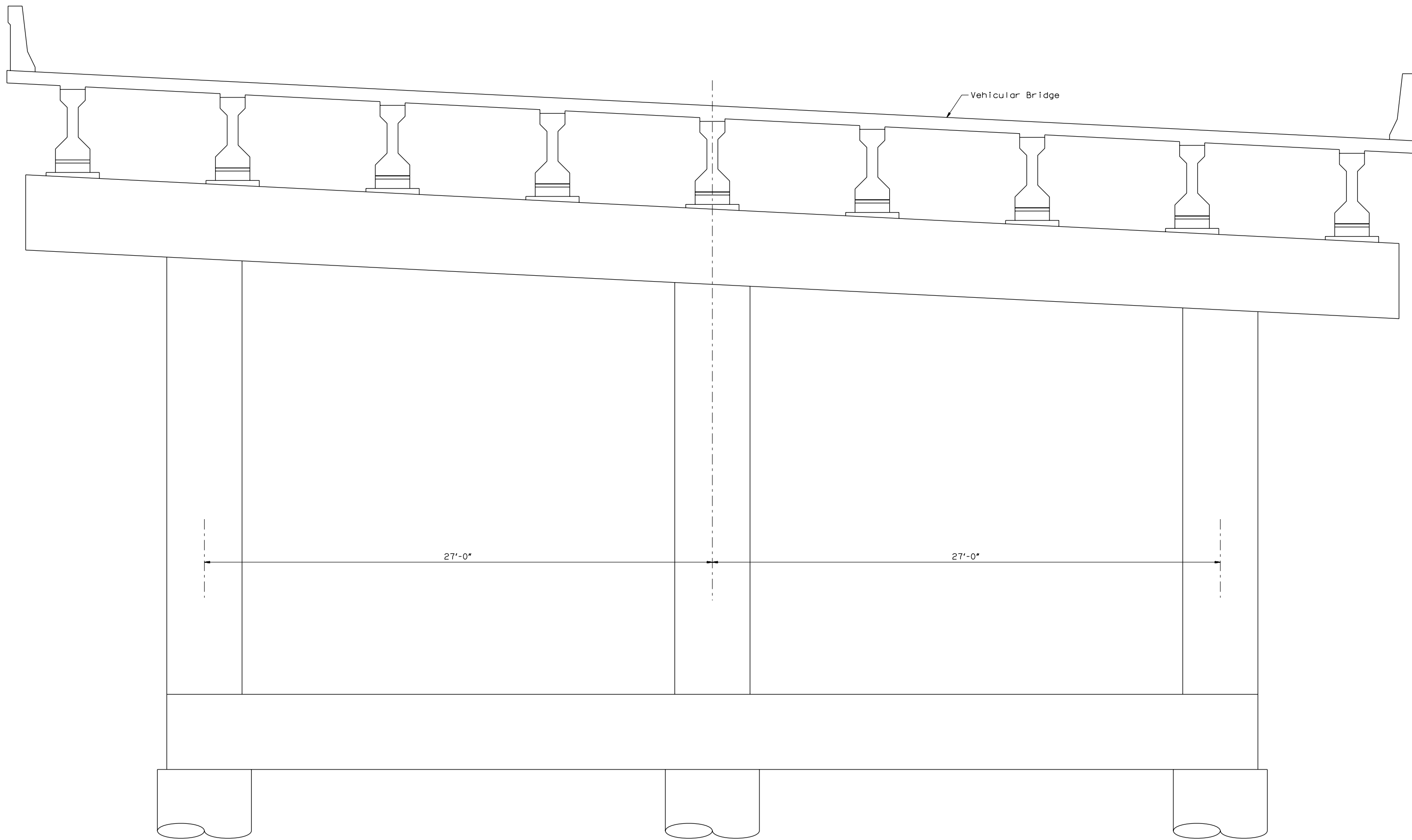
TYPICAL SECTION
17th Street Entrance Ramp



TYPICAL SECTION
E-S Entrance Ramp



TYPICAL PIER DETAIL
Southbound Lanes
(Looking Forward)



TYPICAL PIER DETAIL
Northbound Lanes
(Looking Forward)