Bent 1

Side View

Elevation View

Bent 2

Side View

Elevation View

Bent 3

Side View

Elevation View

Bridge Specimen Proposed Plans

Bents

Sheet: 2 of ?

Drawn by: R. Nelson

Date: ??-??-

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NOTES:
- Hbent2 and Hbent3 = 112.25 in
- Hbent1 = 88.25 in
- Spiral Reinforcement:
  W2.9 (0.192 in Wire) @ 1.25 in
  Grade 60 Steel
- Welds:
  made after cap cage placement
  E80-xx

Column Section
(all columns)

Plan View

Elevation View

Weld Details

Table:
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T-Bead Section Ties

Top View

4-#3 (C-9) equally spaced

3-#3 (C-9) @ equal spaces

#4@3" (C-10)
#3@3" (C-11)
4-#3 (C-9) equally spaced

cc = 0.5in [13mm]

T-Beam Section
Ties
#6 (C-15) @ 5in (127mm) 1.5in [38mm]
34in [864mm] 30in [762mm]
Ledge Steel Plan View (Level 1)

34in [864mm] 30in [762mm]
Ledge Steel Plan View (Level 2)

8 sets #3 (C-14) @ 10in (254mm)

#6 (C-15) @ 5in (127mm) (Level 1)
#3 (C-13) (Level 2)
19in [483mm] 30in [762mm]
Post-Tension Ducts

#3 (C-14) @ 10in (254mm) (Level 2)
#3 (C-13) (Level 2)

Bearing Plates (Supplied by UNR)

1.13in [29mm] 2in [51mm]
#3 (C-16)

Bridge Specimen Proposed Plans

T-Beam Ledge Reinf.
Sheet: 7 of ?
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Bridge Specimen Proposed Plans

Top View

- #8 (F-1) & (F-2)
- #8 (F-3) & (F-4)
- #8 (F-9) at each face
- cc = 1 in (25mm)

Elevation View

- #10 (LB-1)
- #3 Stirrup (F-5)
- 108 in [2743mm]

Side View

- 10 in [254mm]
- 18 in [457mm]
- 36 in [914mm]

NOTE:
- Axial Ducts 3" (76mm) Φ (PVC Sleeve)
Bridge Specimen Proposed Plans

NOTE:
- Axial Ducts 3" (76mm) Φ (PVC Sleeve)
- #8 (F-6) in Pairs
- #8 (F-7) in Pairs
- #8 (F-9) at each face
- #10 (LB-2)
- #3 Stirrup (F-8)
- cc = 1in (25mm)
- #8 (F-10) at each face

Dimensions:
- 26in [668mm]
- 5in [133mm]
- 2in [51mm]
- 4in [102mm]
- 6in [152mm]
- 14in [356mm]
- 5.94in [151mm]
- 2in [51mm]
- 8in [203mm]
- 8in [203mm]
- 2in [51mm]
- 2in [51mm]
- 30in [762mm]
- 36in [914mm]
- 10in [254mm]
- 108in [2743mm]

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Bridge Specimen Proposed Plans

Steel Details 4

Sheet: ?? of ??

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Date: ??-??-??

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102in [2591mm]

F-9 (#8 bar)

32in [813mm]

F-10 (#8 bar)