

C:\12720\Micro Bridge\Bridge-East\12720C0100_East_Bridge_Title_Sheet.dwg, Layout: 1 Cover Sheet --- Wednesday July 29, 2020, 12:19pm --- Architect 00212, Professional Engineer 000133, Professional Land Surveyor 000059

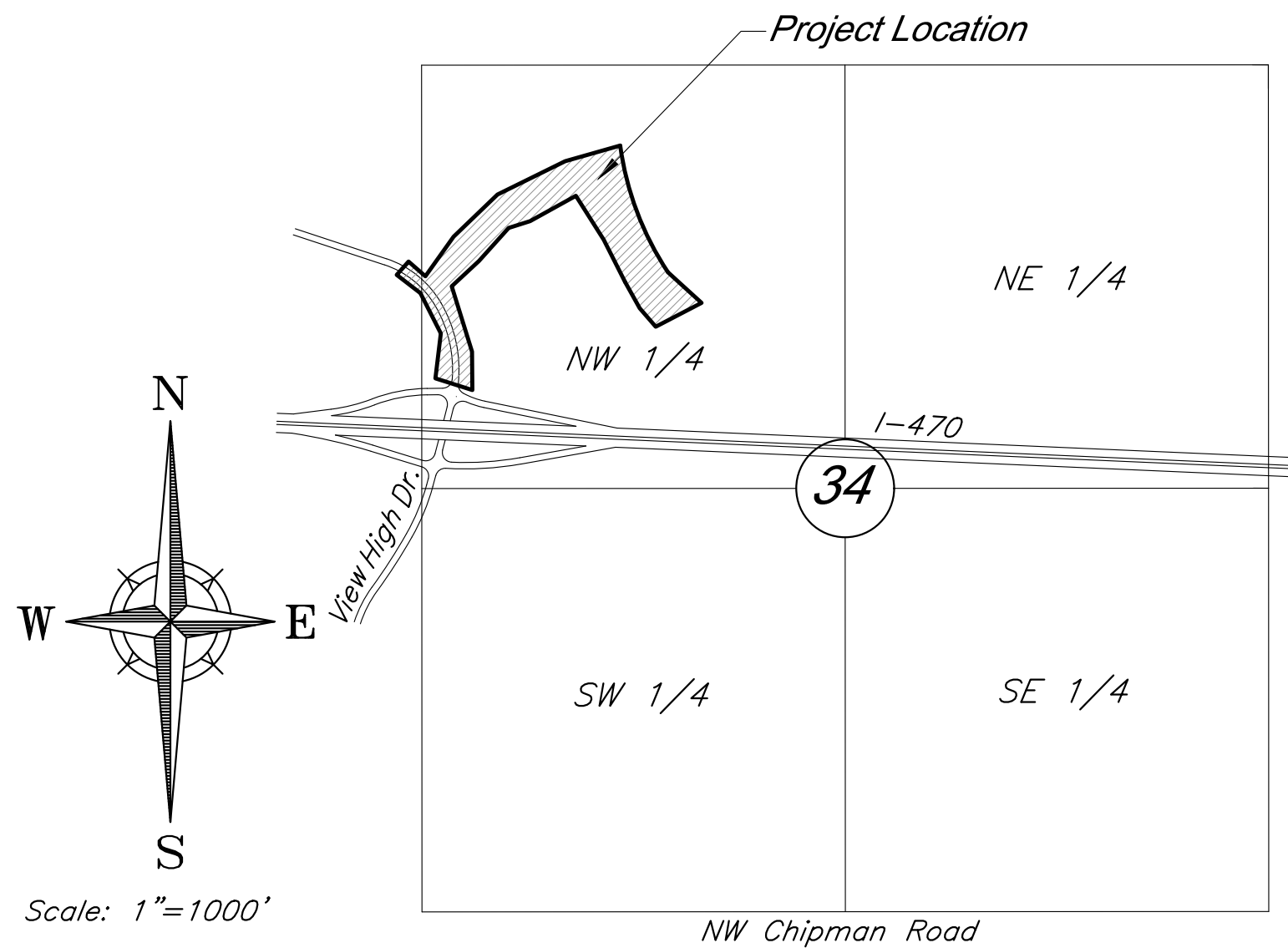
EAST BRIDGE PLANS
FOR
PARAGON STAR DEVELOPMENT – LEE’S SUMMIT, MO
View High Dr, View High Pkwy, River Rd
Sections 33 & 34–Township 48–Range 32
City of Lee’s Summit
Jackson County, Missouri

Summary of Quantities

Item No.	Description	Unit	Unit Quantity
1	East Bridge	L.S.	1

PROJECT BENCHMARK

BM #11 – Chiseled “L” on top
Northeast corner of concrete guardrail
at the Northeast corner of I470 bridge
spanning View High Drive.
EL=833.80



VICINITY MAP

Section 33 & 34-T48N-R32W

NOT FOR CONSTRUCTION

REVIEWED FOR CONSTRUCTION

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INDEX OF SHEETS

Sht. No.	Description
1	GENERAL PLAN AND ELEVATION
2	GENERAL NOTES
3-5	DETAILS OF END BENT NO. 1
6	VERTICAL DRAIN AT END BENTS
7-8	DETAILS OF INTERMEDIATE BENT NO. 2
9-10	DETAILS OF INTERMEDIATE BENT NO. 3
11-13	DETAILS OF END BENT NO. 4
14-15	GIRDER DETAILS
16	DETAILS OF CONCRETE DIAPHRAMS AT INTERMEDIATE BENTS 2 & 3
17	DETAILS OF PRESTRESSED PANELS
18	SLAB DETAILS
19	PLAN OF SLAB SHOWING REINFORCING
20	SLAB DETAILS
21	CONVENTIONAL-FORMED BARRIER CURB
22	CONVENTIONAL-FORMED LEFT BARRIER CURB AT END BENTS ON CONCRETE APPROACH SLAB
23	CONVENTIONAL-FORMED RIGHT BARRIER CURB AT END BENTS ON WING
24	GENERAL PLAN AND ELEVATION OF AESTHETIC DETAILS, LIGHTING AND CONDUIT
25	MEDIAN AND CURB DETAILS
26-27	CONDUIT DETAILS
28	DETAILS OF BRIDGE APPROACH SLAB (MAJOR ROAD)
29	AS-BUILT PILE DATA
30	BORING DATA
A01.00	GENERAL-SITE PLAN
A01.10	PLANS
A03.10	BRIDGE W- NORTH RAIL
A03.11	BRIDGE W- SOUTH RAIL
A03.12	BRIDGE W- MIDDLE RAIL
A03.20	BRIDGE E- NORTH RAIL
A03.21	BRIDGE E- SOUTH RAIL
A03.22	BRIDGE E- MIDDLE RAIL
A05.20	RAIL DETAILS
A05.30	LIGHT MOUNT DETAILS
A06.10	RAIL TYPES
A6.11	SCHEDULE - BRIDGE W-N-RAIL
A6.12	SCHEDULE - BRIDGE W-S-RAIL
A6.13	SCHEDULE - BRIDGE W- M-RAIL
A6.14	SCHEDULE - BRIDGE E-N-RAIL
A6.15	SCHEDULE - BRIDGE E-S-RAIL
A6.16	SCHEDULE - BRIDGE E-M-RAIL

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7/29/20

PROJECT ENGINEER:

DATE:

EAST BRIDGE
(50'-105'-50') PRESTRESSED CONCRETE NU-GIRDER SPANS

SEC/SUR 34

TWP 48N

RGE 32W

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1 30

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PROFESSIONAL ENGINEER
PE-2009010386

East Bridge Plans
Paragon Star Development
Lee's Summit, Missouri

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BM #11 Chiseled "L" on top Northeast corner of concrete guardrail at Northeast corner of I-470 Bridge spanning View High Drive. Elev. = 833.80

Notice and Disclaimer Regarding Boring Log Data

"⊗" Indicates location of borings.

The locations of all subsurface borings for this structure are shown on the plan sheet(s) for this structure. The boring data for all locations indicated, as well as any other boring logs or other factual records of subsurface data and investigations performed by the Geotechnical Engineer for the design of the bridge, are shown on Sheet No. 30. No greater significance or weight should be given to the boring data depicted on the plan sheets than is given to the subsurface data available from the Engineer or elsewhere.

The Engineer does not represent or warrant that any such boring data accurately depicts the conditions to be encountered in constructing this bridge. A contractor assumes all risks it may encounter in basing its bid prices, time or schedule of performance on the boring data depicted here, or on any other documentation not expressly warranted, which the contractor may obtain from the Engineer.

Hydrologic Data

Drainage Area = 56.8 (sq. mi.)
Design Flood Frequency = 50 years
Design Flood Discharge = 4,794 cfs
Design Flood (D.F.) Elevation = 809.4

Base Flood (100-year)

Base Flood Elevation = 810.9
Base Flood Discharge = 5,636 cfs
Estimated Backwater = 0.1 ft
Average Velocity thru Opening = 2.4 ft/s

Freeboard (50-year)

Design High Water = 809.4
Freeboard = 2.6 ft

Roadway Overtopping

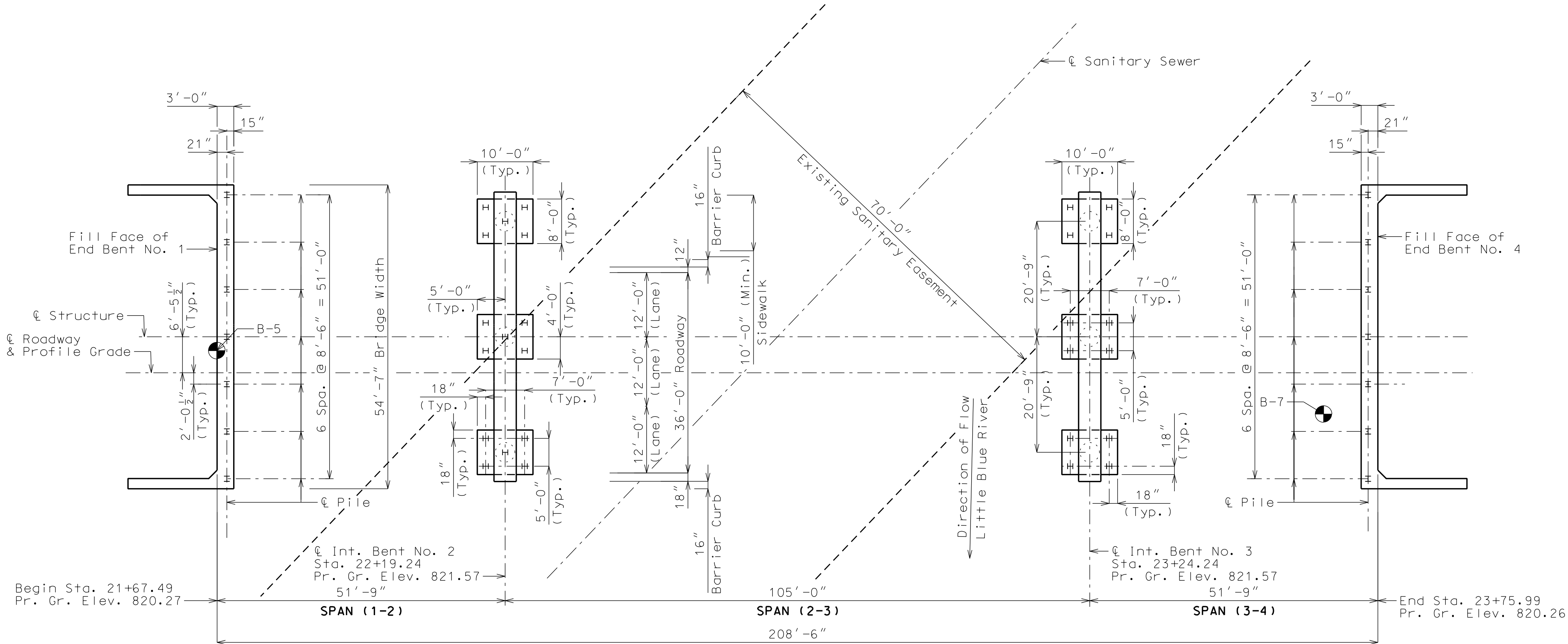
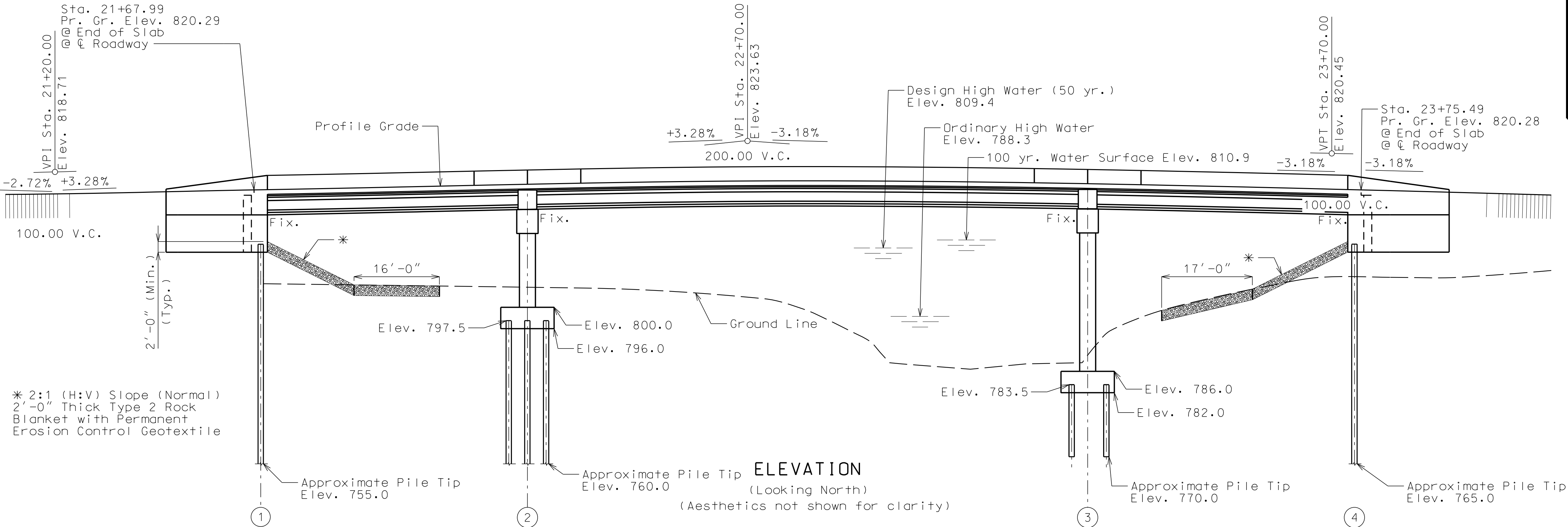
Overtopping Flood Frequency >500 years

Notes:

Roadway fill shall be completed to the final roadway section and up to the elevation of the bottom of the concrete beam within the limits of the structure and for not less than 25 feet in back of the fill face of the end bents before any piles are driven for any bents falling within the embankment section.

All bents are parallel.

All longitudinal dimensions shown are horizontal.



General Notes:

Design Specifications:
2012 AASHTO LRFD Bridge Design Specifications (6th Ed.) and 2013 Interim Revisions.
Seismic Design Category = A
All referenced specifications shall refer to Missouri Standard Specifications for Highway Construction unless otherwise noted. Construction of the bridge shall conform to the MoDOT standard specification. Payment for construction of the bridge shall be completely covered by the lump sum.

Design Loading:
Vehicular = HL-93
Future Wearing Surface = 35 lb/sf
Earth = 120 lb/cf
Equivalent Fluid Pressure = 70 lb/cf

Design Unit Stresses:
Class B Concrete (Substructure) f'c = 4,000 psi
Class B-1 Concrete (Barrier Curb) f'c = 4,000 psi
Class B-2 Concrete (Superstructure except Barrier Curb) f'c = 4,000 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi
Structural Steel HP Pile (ASTM A709 Grade 50S) fy = 50,000 psi
For Precast Prestressed Panel Stresses, see Sheet No. 17.
For Prestressed Girder Stresses, See Sheets No. 14 & 15.

Neoprene Pads:
Plain and Laminated Neoprene Bearing Pads shall be 60 durometer and shall be in accordance with Sec 716.

Joint Filler:
All joint filler shall be in accordance with Section 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.
All reinforcement shall be epoxy coated.

Minimum clearance between galvanized piles and uncoated (plain) bar supports shall be 1 1/2". Nylon, PVC, or other polyethylene spacers shall be used to maintain clearance. Nylon cable ties shall be used to bind the spacers to the reinforcement.

Miscellaneous:
City Construction personnel will indicate the type of joint filler option used under the precast panels for this structure:

- ☐ Constant Joint Filler
☐ Variable Joint Filler

FOUNDATION DATA					
TYPE	DESIGN DATA	BENT NUMBER			
		1	2	3	4
Load Bearing Pile	Pile Type and Size	HP12x53	HP12x53	HP12x53	HP12x53
	Number	ea	7	15	12
	Approximate Length per Each	ft	55	38	14
	Pile Point Reinforcement	ea	7	15	12
	Min. Galvanized Penetration (Elev.)	ft	full depth	full depth	full depth
	Est. Max. Scour Depth 500 (Elev.)	ft	794	790	792
	Pile Driving Verification Method		WEAP	DT	DT
	Resistance Factor		0.5	0.65	0.65
	Minimum Nominal Axial Compressive Resistance	kip	428	512	540

DT = Dynamic Testing

WEAP = Wave Equation Analysis of Piles

Minimum Nominal Axial Compressive Resistance = Maximum Factored Loads/Resistance Factor

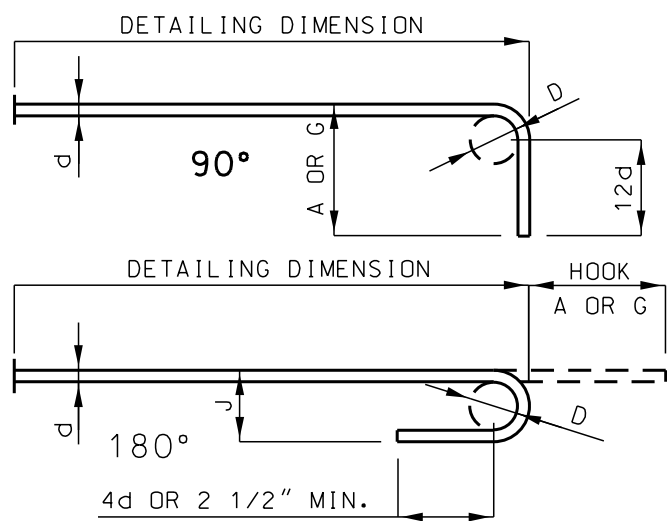
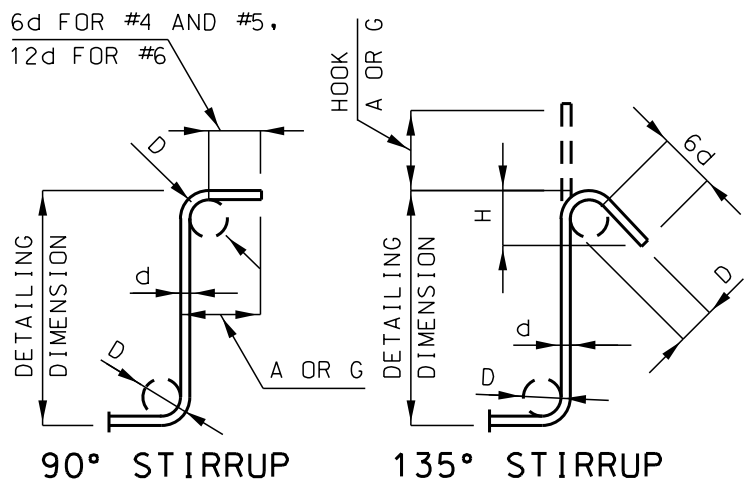
HP piles are anticipated to be driven to refusal on rock. Review all borings for depth of rock and restrict driving as appropriate to comply with hard rock driving criteria in accordance with Sec 702.

All piles shall be galvanized to the full length of pile.

Pile point reinforcement need not be galvanized. Shop drawings will not be required for pile point reinforcement.

The contractor shall make every effort to achieve the minimum galvanized penetration (elevation) shown on the plans for all piles. Deviations in penetration less than 5 feet of the minimum will be considered acceptable provided the contractor makes the necessary corrections to ensure the minimum penetration is achieved on subsequent piles.

Method of forming the slab shall be as shown on the plans and in accordance with Sec 703. All hardware for forming the slab to be left in place as a permanent part of the structure shall be coated in accordance with ASTM A123 or ASTM B633 with a thickness class SC 4 and a finish type I, II, or III.



STIRRUP HOOK DIMENSIONS				
GRADES 40 - 50 - 60 KSI				
BAR SIZE	D (IN.)	90° HOOK	135° HOOK	
		HOOK A OR G	HOOK A OR G	APPROX. H
#4	2"	4 1/2"	4 1/2"	3"
#5	2 1/2"	6"	5 1/2"	3 3/4"
#6	4 1/2"	12"	8"	4 1/2"

NOTE: UNLESS OTHERWISE NOTED, DIAMETER "D" IS THE SAME FOR ALL BENDS AND HOOKS ON A BAR.

END HOOK DIMENSIONS				
BAR SIZE	D (IN.)	ALL GRADES		
		180° HOOKS	90° HOOKS	
		A OR G	J	A OR G
#3	2 1/4"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3 3/4"	7"	5"	10"
#6	4 1/2"	8"	6"	12"
#7	5 1/4"	10"	7"	14"
#8	6"	11"	8"	16"
#9	9 1/2"	15"	11 3/4"	19"
#10	10 3/4"	17"	13 1/4"	22"
#11	12"	19"	14 3/4"	2'-0"
#14	18 1/4"	2'-3"	21 3/4"	2'-7"

NOTE:

ALL STANDARD HOOKS AND BENDS OTHER THAN 180 DEGREE ARE TO BE BENT WITH SAME PROCEDURE AS FOR 90 DEGREE STANDARD HOOKS.
HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH THE PROCEDURES AS SHOWN ON THIS SHEET.
E = EPOXY COATED REINFORCEMENT.
S = STIRRUP.
X = BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES.
V = BAR DIMENSIONS VARY IN EQUAL INCREMENTS BETWEEN DIMENSIONS SHOWN ON THIS LINE AND THE FOLLOWING LINE.
NO. EA. = NUMBER OF BARS OF EACH LENGTH.
NOMINAL LENGTHS ARE BASED ON OUT TO OUT DIMENSIONS SHOWN IN BENDING DIAGRAMS AND ARE LISTED FOR FABRICATORS USE. (NEAREST INCH)
ACTUAL LENGTHS ARE MEASURED ALONG CENTERLINE BAR TO THE NEAREST INCH.
PAYWEIGHTS ARE BASED ON ACTUAL LENGTHS.
FOUR ANGLE OR CHANNEL SPACERS ARE REQUIRED FOR EACH COLUMN SPIRAL. SPACERS ARE TO BE PLACED ON INSIDE OF SPIRALS. LENGTH AND WEIGHT OF COLUMN SPIRALS DO NOT INCLUDE SPLICES OR SPACERS.
REINFORCING STEEL (GRADE 60) FY = 60,000 PSI.

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SHEET NO. 2
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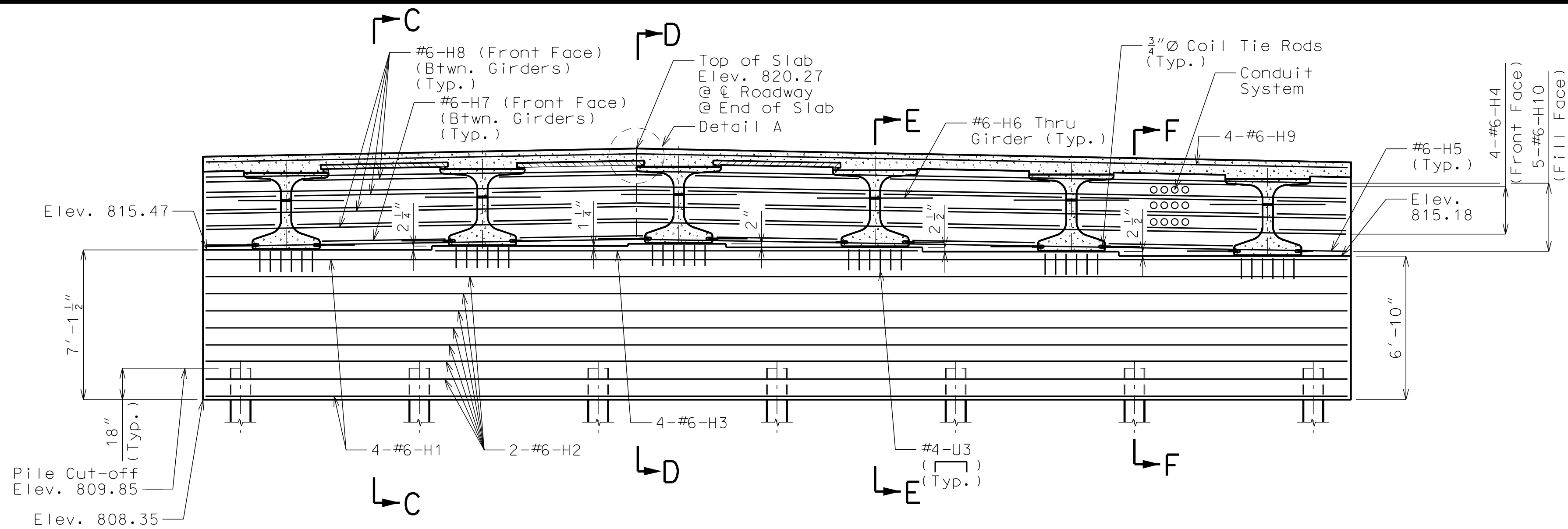
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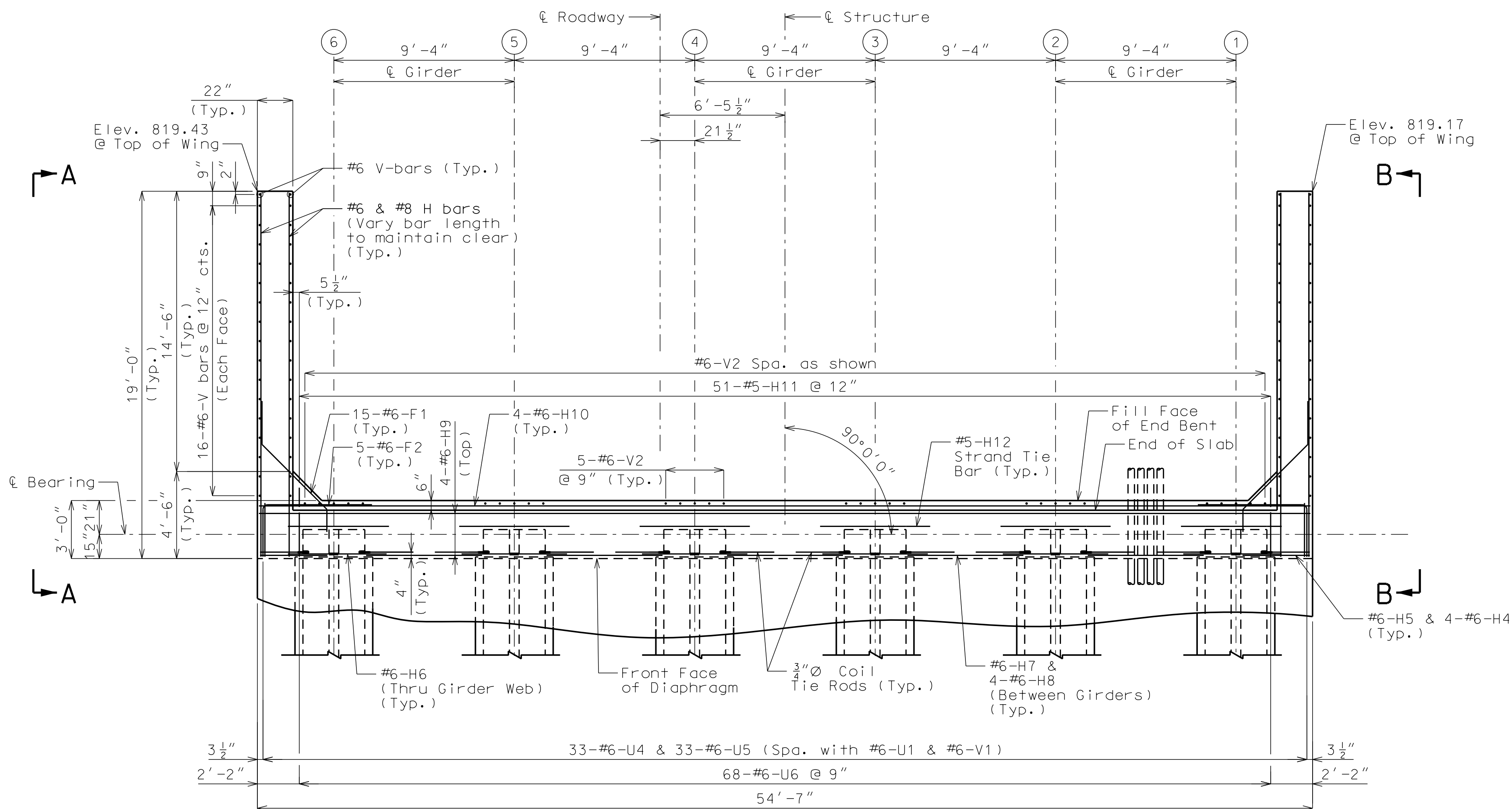
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GENERAL NOTES

Note: This drawing is not to scale. Follow dimensions.

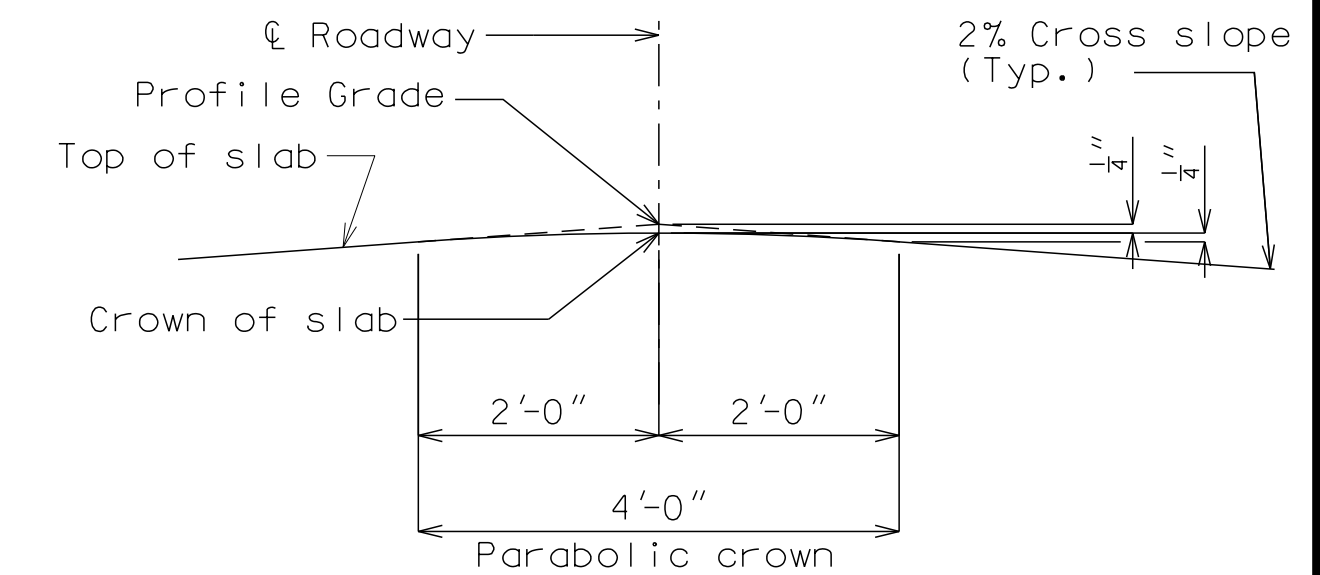


SECTION NEAR END BENT
(Stirrup reinforcement and keys not shown for clarity)

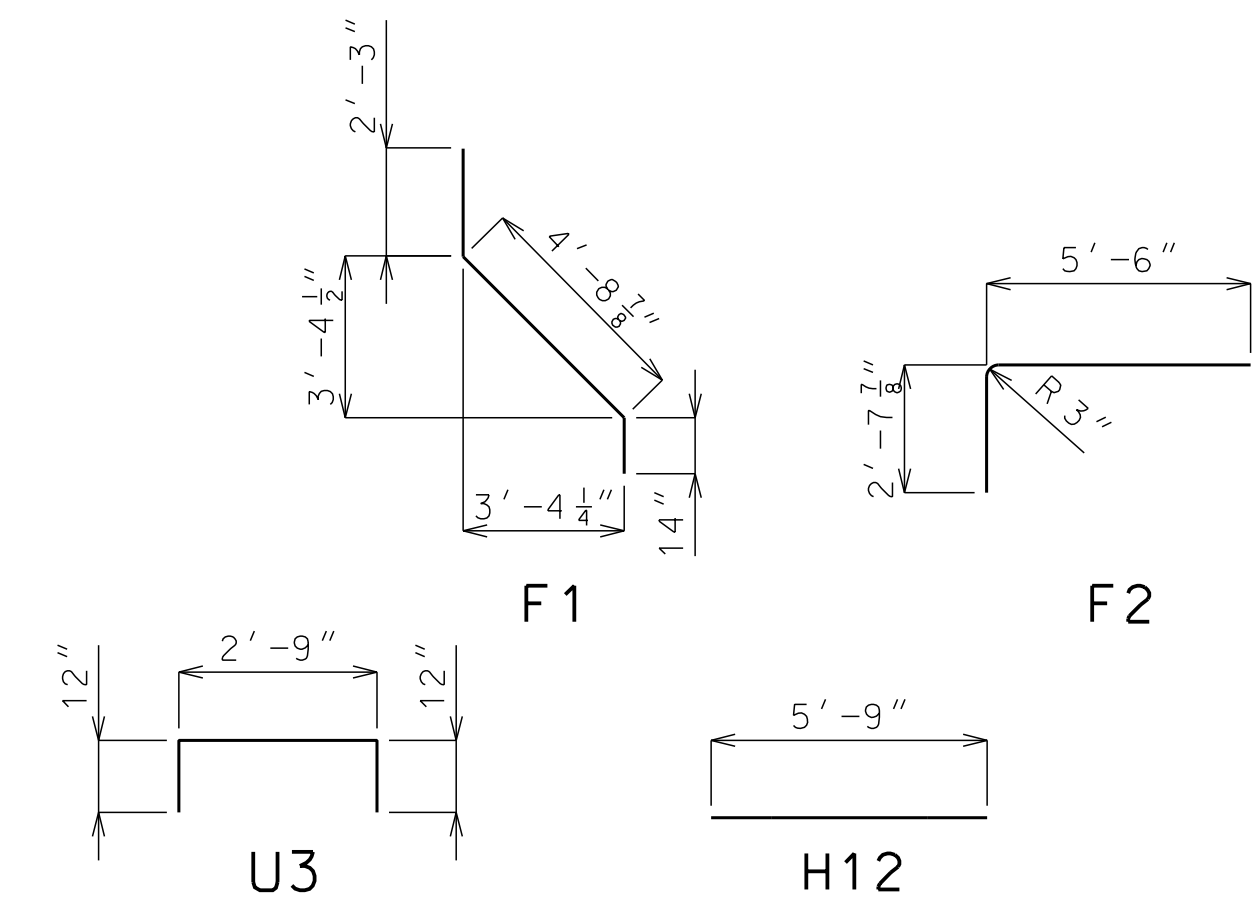


PART PLAN
(Note: Steps and keys not shown for clarity)

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DETAIL A



BAR BENDING DIAGRAMS

- Notes:
- For details of End Bent No. 1 not shown, see Sheets No. 3 & 5.
 - For details of Vertical Drain at End Bents, see Sheet No. 6.
 - Reinforcing steel shall be shifted to clear piles. U-bars shall clear piles by at least 1 1/2 inches.
 - All concrete in the end bent above top of beam and below top of slab shall be Class B-2.
 - For reinforcement of Barrier Curb, see Sheets No. 21-23 and 26.
 - Reinforcing steel shall be shifted as necessary to miss conduit system.
 - For Conduit Details, see Sheet No. 26 and 27.
 - For Elevations A-A & B-B, See Sheet No. 5.
 - For Sections C-C, D-D, E-E & F-F See Sheet No. 5.

DETAILS OF END BENT NO. 1

Note: This drawing is not to scale. Follow dimensions.

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ELEVATION A-A

TYPICAL SECTION THRU ELEVATION A-A

Looking down station
(*Varies)

ELEVATION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

BAR BENDING DIAGRAM

Notes:

For details of End Bent No. 1 not shown, See Sheets No. 3 & 4.

For location of Elevations A-A & B-B, See Sheet No. 4.

For location of Sections C-C, D-D, E-E & F-F See Sheet No. 4.

Reinforcing steel shall be shifted to clear piles. U bars shall clear piles by at least 1 1/2 inch.

For reinforcement of Barrier Curb, See Sheets No. 21-23 and 26.

HP pile shall be galvanized to the minimum galvanized penetration (elevation) (See Foundation Data).

Note: This drawing is not to scale. Follow dimensions.

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The diagram shows two elevations. The 'ELEVATION OF SOUTH WING' on the left shows a cross-section of a wing with a 'Lower Beam' and a 'Ground Line'. A 'Cap' is shown at the bottom. The 'ELEVATION OF END BENT' on the right shows a cross-section of an end bent with a '16" Barrier Curb' at the top. A 'Vertical Drain Core' is shown in the center. A 'Perforated Drain Pipe' runs along the bottom. A 'Coupler' is shown connecting the pipes. A 'Ground Line' is shown. A 'Detail A' is indicated. A 'Cut coupler flush with ground line' is shown. A '6"x3" Curb' is shown. A '1 1/2" CL. Min.' is indicated. A 'Vertical Drain Core (Along wing) (Typ.)' is shown.

ELEVATION OF SOUTH WING

ELEVATION OF END BENT

The diagram shows a plan view of an end bent. It features a 'Perforated Drain Pipe' running along the bottom. A 'Coupler (Typ.)' is shown. A 'Geotextile Fabric (Typ.)' is shown. A 'Cap' is shown. A 'Ground Line' is shown. A 'Perforated Drain Pipe' is shown. A 'Coupler (Typ.)' is shown. A 'Geotextile Fabric (Typ.)' is shown. A 'Cap' is shown.

PLAN OF END BENT

The diagram shows a detail of a 'Cut coupler to slope of ground line'. It includes a 'Rodent Screen' and an 'Unperforated Drain Pipe'.

DETAIL A

The diagram shows an 'ELEVATION OF SOUTH WING' with an 'Optional Turned Drain'. It includes a 'Ground Line', a 'Cut coupler flush with ground line', and an 'Elbow'.

ELEVATION OF SOUTH WING

The diagram shows a 'PART PLAN' of an 'Optional Turned Drain'. It includes a 'Perforated Drain Pipe', an 'Unperforated Drain Pipe', a '90° (Min.)' angle, and an 'Elbow'.

PART PLAN

OPTIONAL TURNED DRAIN

(Only if rock is encountered outside of wing)

VERTICAL DRAIN AT END BENTS

(Squared end bent shown, skewed end bent similar)

Note: This drawing is not to scale. Follow dimensions.

The diagram shows a 'PART SECTION A-A' (Section thru wing similar). It includes a 'Fabric Wrap', a 'Vertical Drain Core', a 'Geotextile Fabric', and a 'Perforated Drain Pipe'. Dimensions of '6" (Min.)' are shown.

PART SECTION A-A

(Section thru wing similar)

General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of end bent and inside face of wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side and inside face of wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

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PLAN OF BEAM SHOWING REINFORCEMENT

DETAIL OF KEY

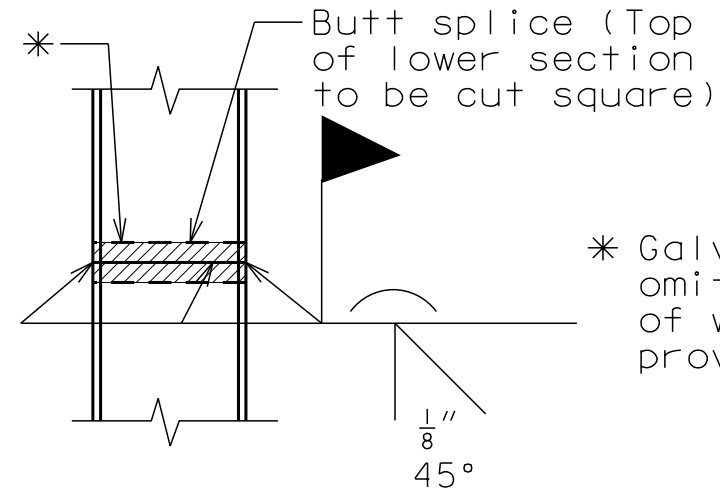
PLAN OF BEAM

BEARING PAD DETAIL

DETAILS OF INTERMEDIATE BENT NO. 2

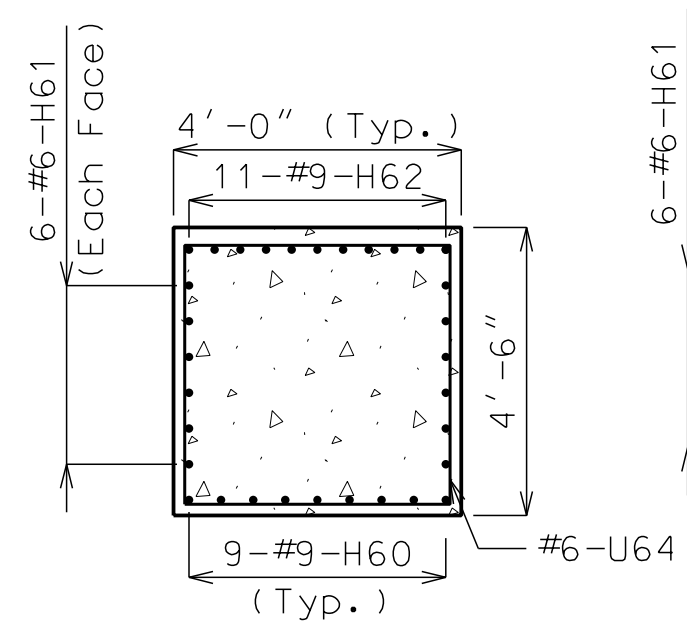
Note: This drawing is not to scale. Follow dimensions.

Notes:
For details of Int. Bent No. 2 not shown, see Sheet No. 7.
For steps 2" or more, use 2 1/4"x1/2" joint filler up vertical face.

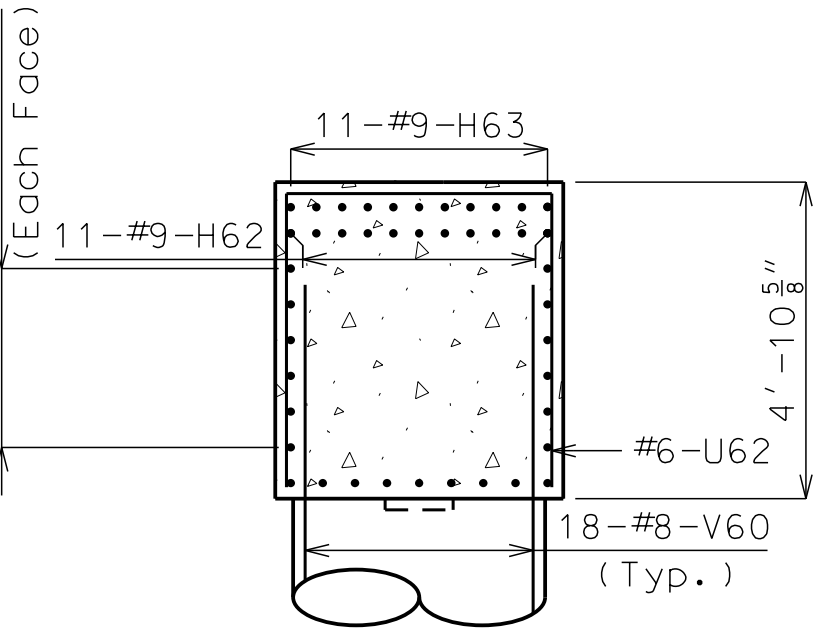


STEEL PILE SPLICE
(if required)

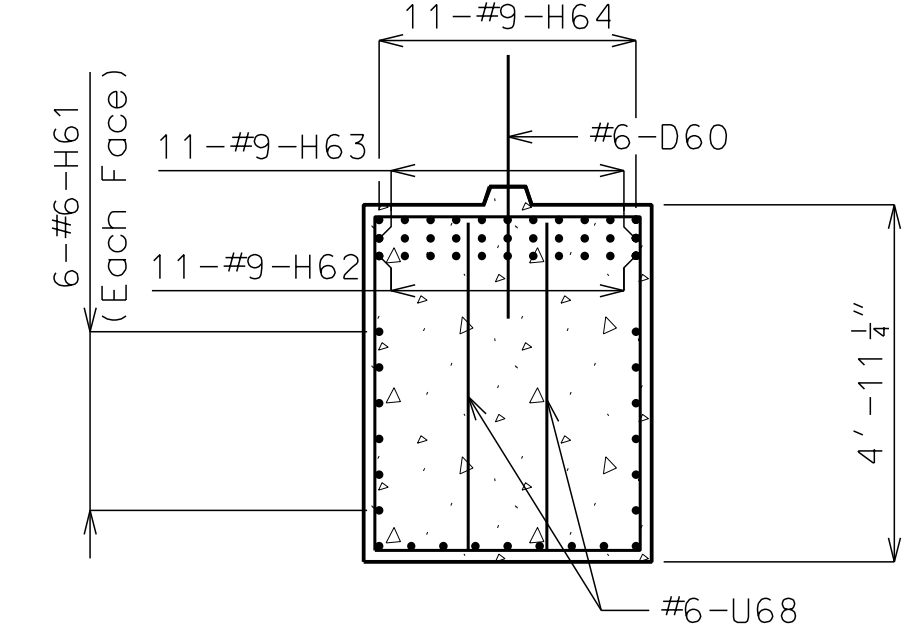
* Galvanizing material shall be omitted or removed 1 inch clear of weld locations. See special provisions.



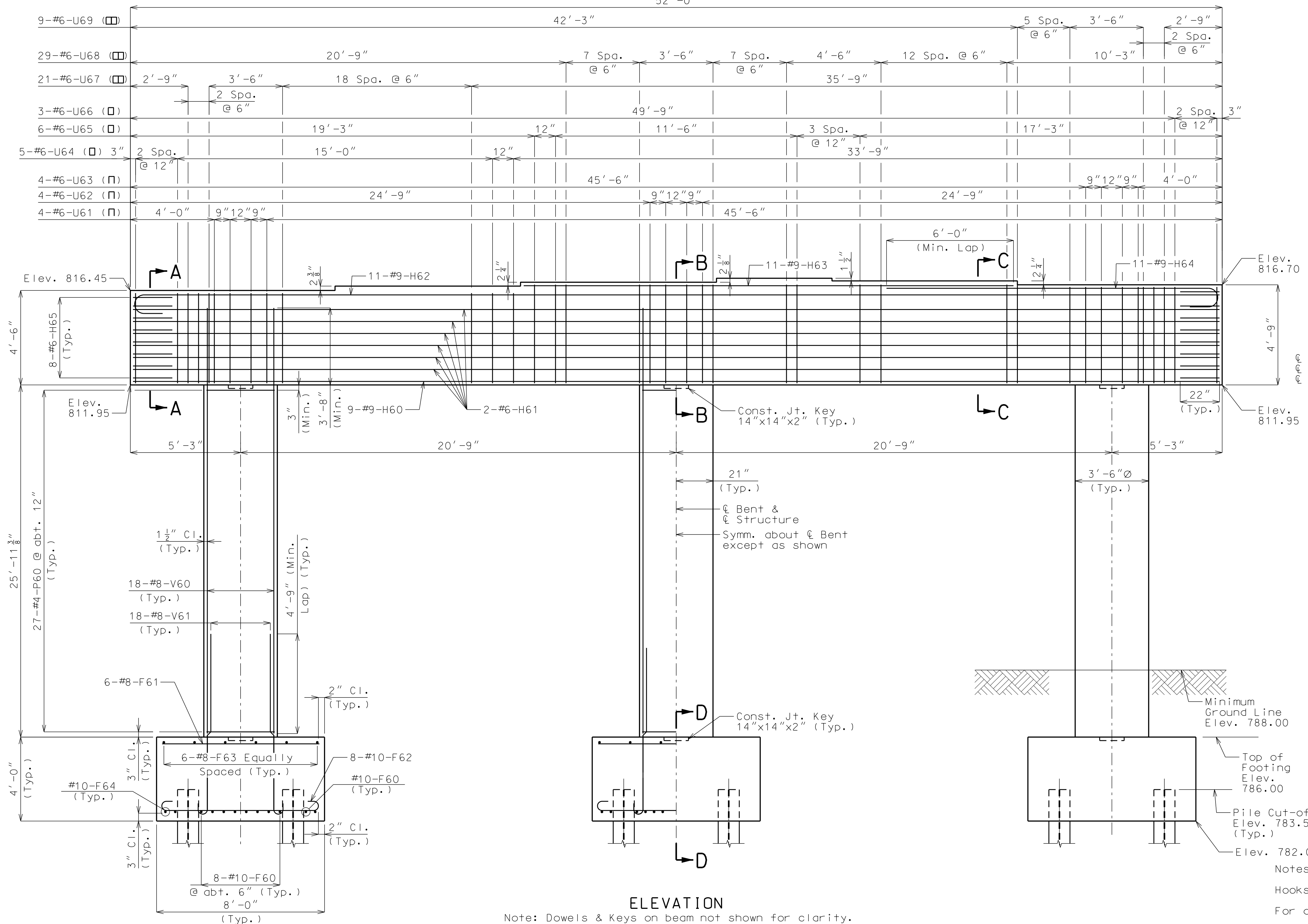
SECTION A-A



SECTION B-B



SECTION C-C



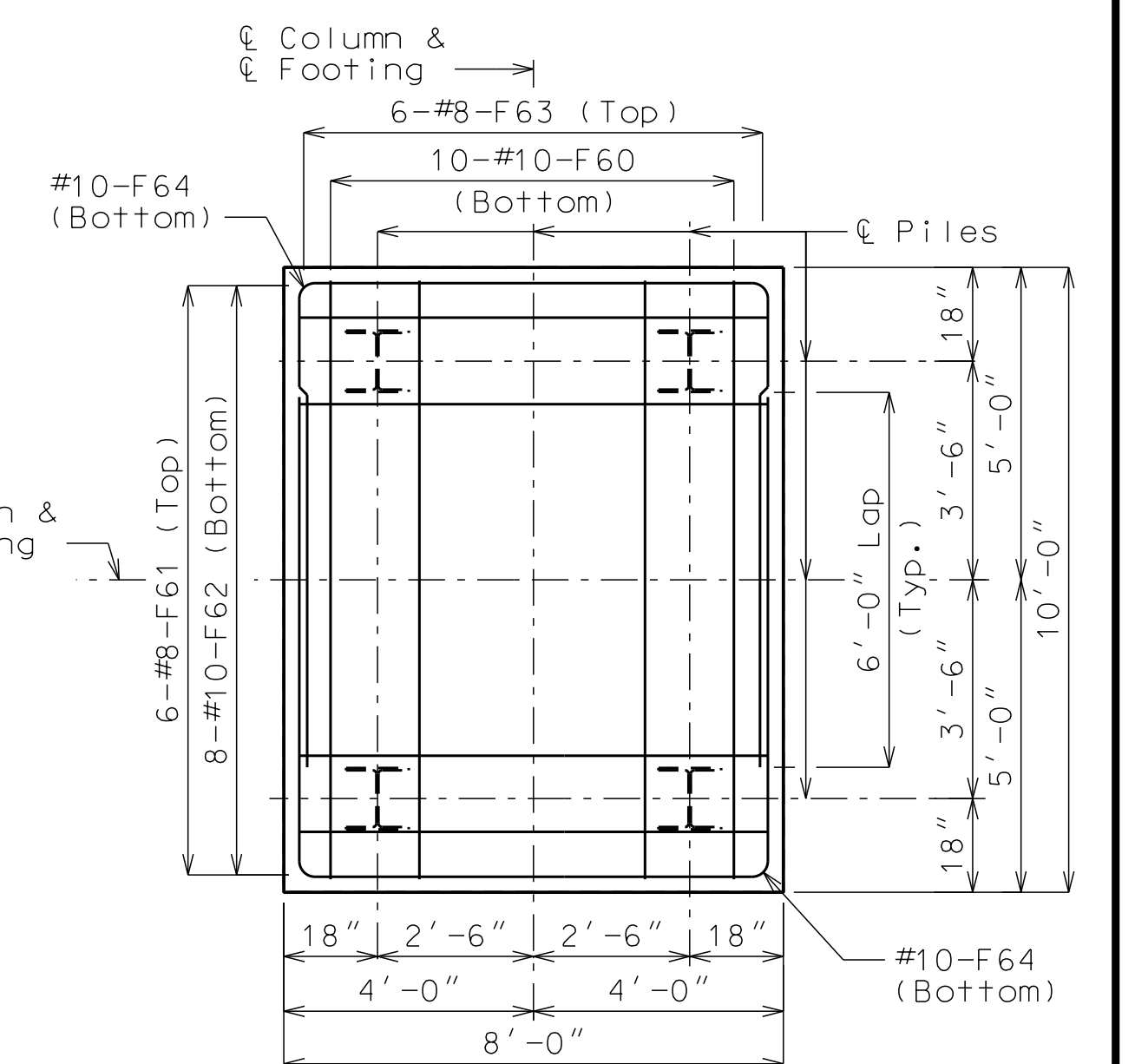
ELEVATION

Note: Dowels & Keys on beam not shown for clarity.

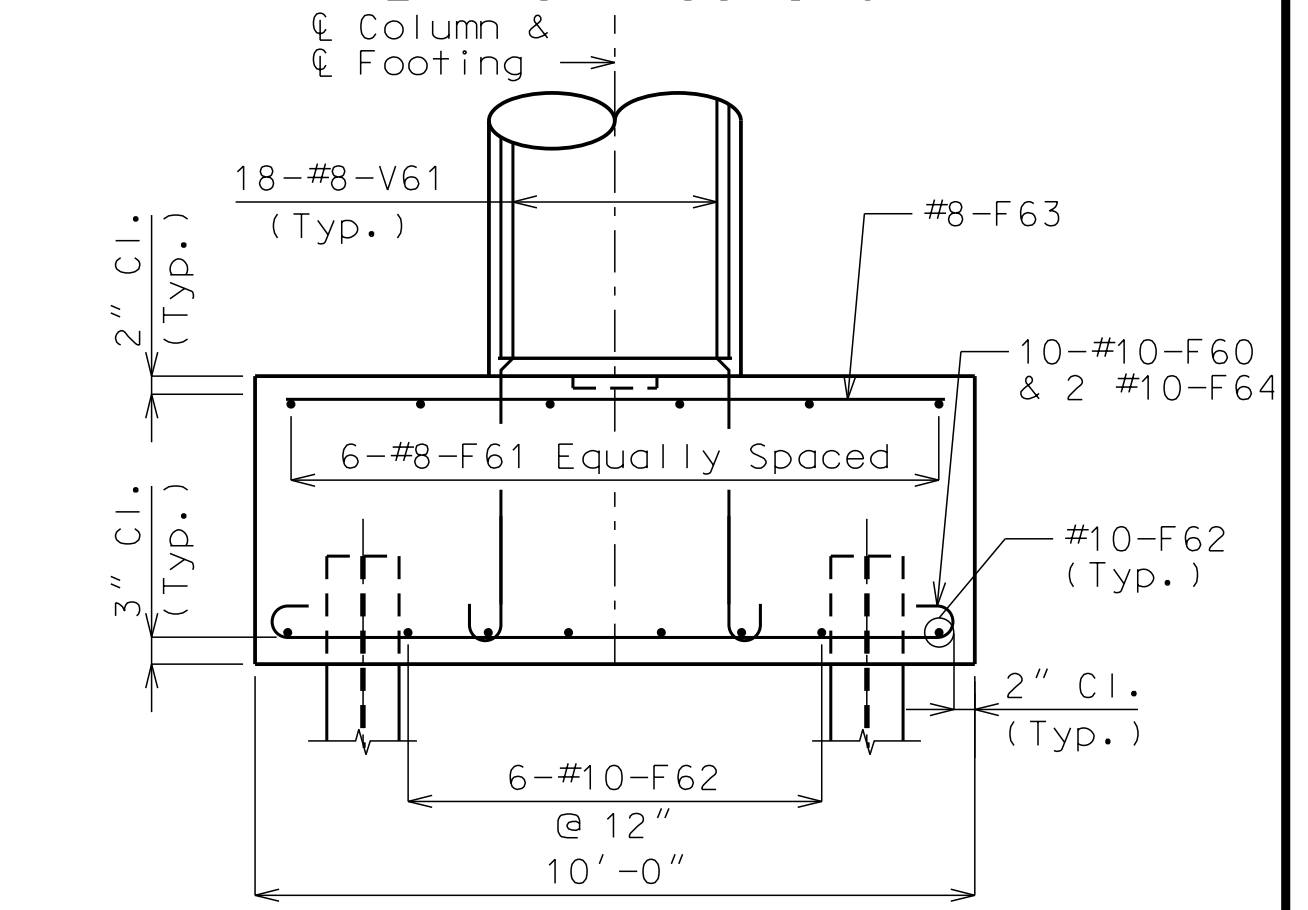
DETAILS OF INTERMEDIATE BENT NO. 3

Note: This drawing is not to scale. Follow dimensions.

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PLAN OF FOOTING



SECTION D-D

Notes:

Hooks shown shall be standard 180 degree hooks.

For details of Int. Bent No. 3 not shown, see Sheet No. 10.

Reinforcing steel shall be shifted to clear piles by 1 1/2".

For steps 2" or more, use 2 1/4"x1/2" joint filler up vertical face.

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PLAN OF BEAM SHOWING REINFORCEMENT

Dimensions and Reinforcement Details:

- Overall Length: 52'-0"
- Span Lengths: 20'-9" (each), 4'-1", 4'-2", 4'-8", 4'-1", 4'-6"
- Reinforcement: 8-#6-H65, 7-#6-D60 (Eq. Spaced), 11-#9-H62 (Top), 11-#9-H63 (Top), 6-#6-H61, 18-#8-V60 (Typ.), 27-#4-P60 @ abt. 12" (Typ.), 6"x3" Key (Typ.)
- Other: 1 1/2" Cl. (Typ.), 9'-9" (Bottom), 4'-0" (Total Height), 2'-0" (Top), 2'-0" (Bottom)

PLAN OF BEAM

Dimensions and Details:

- Overall Length: 52'-0"
- Span Lengths: 9'-4" (each), 2'-8", 2'-11 1/4", 3'-5 1/2", 2'-11 1/4"
- Details: Fill area under girder with joint filler (Typ.), 1 Layer of 30# (Min.) Roofing Felt or bituminous pile paint (Typ.), Laminated Neoprene Bearing Pad (Tapered) 3'-0" x 5" (Span 3-4) (Typ.), Plain Neoprene Bearing Pad 3'-0" x 5" x 1/2" (Span 2-3) (Typ.), 1/2" Joint Filler (Typ.), 4" (Typ.)

DETAIL OF KEY

Dimensions: 6", 1", 1", 3", 15", 12"

BEARING PAD DETAIL

Increasing Station

Details: Laminated Neoprene Bearing Pad (Tapered) 3'-0" x 5" (Span 3-4), Steel Shim Plate 2'-11 3/4" x 4 3/4", 1/8" (Typ.), 5"

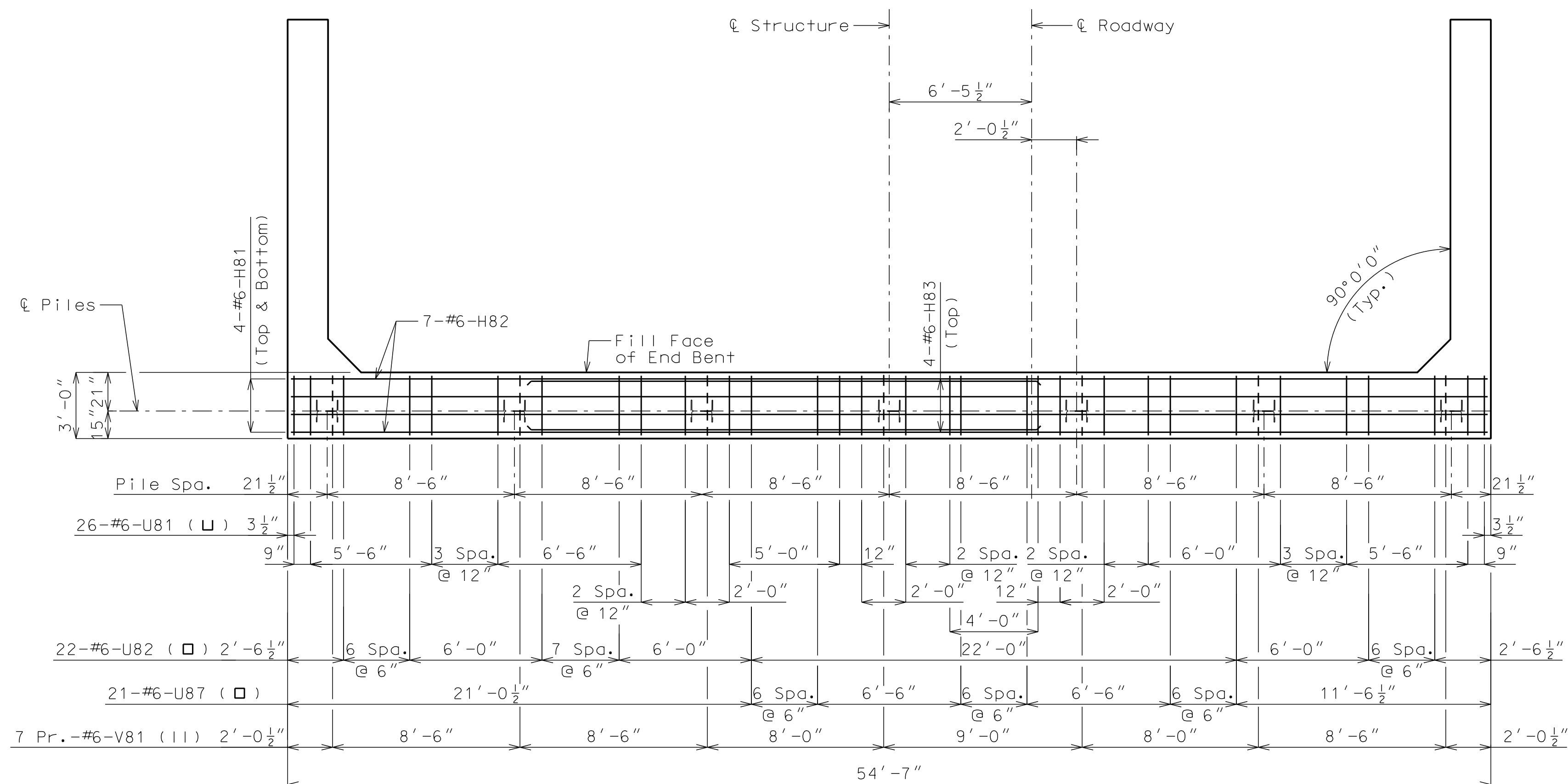
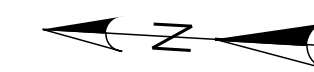
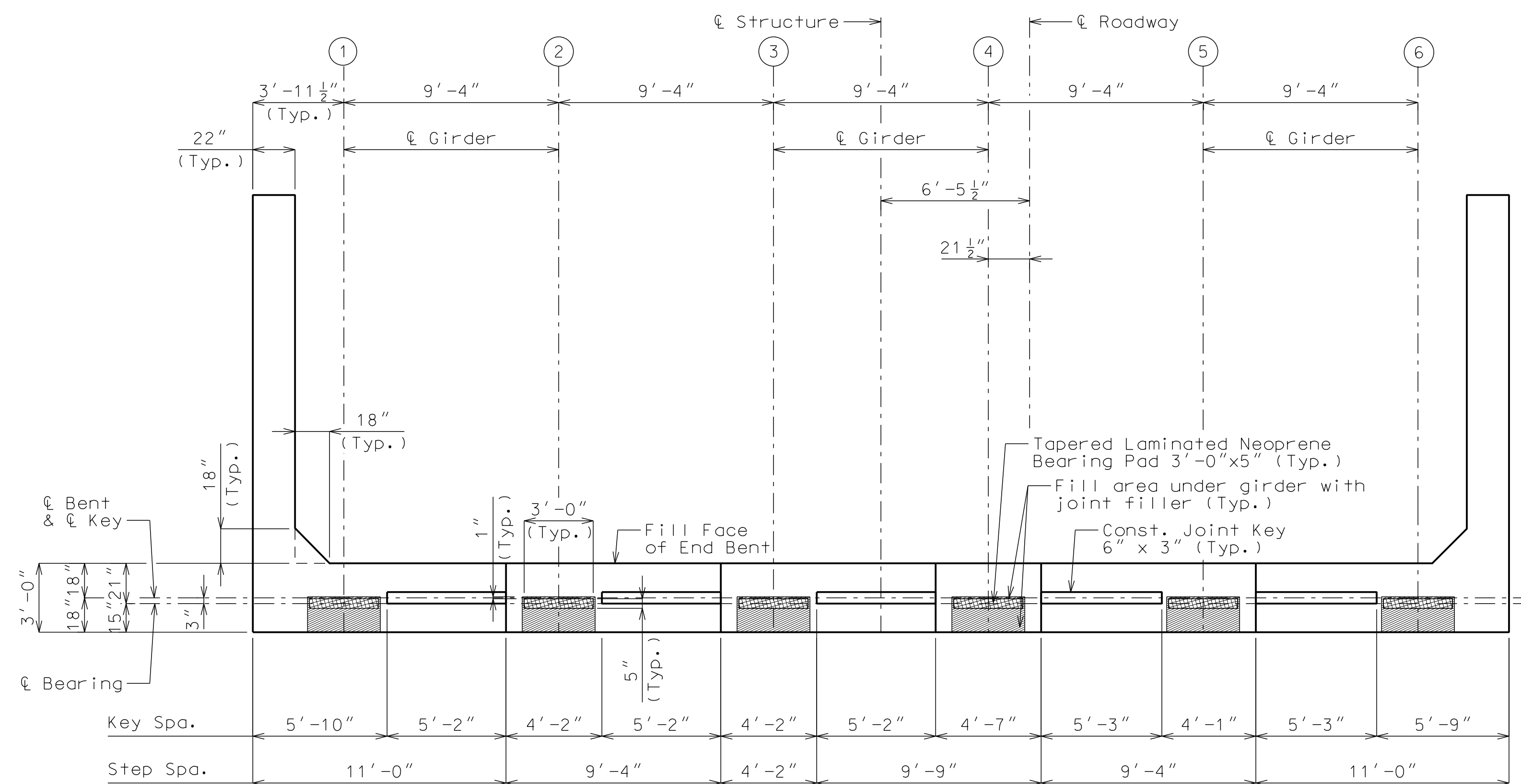
DETAILS OF INTERMEDIATE BENT NO. 3

Notes:

For details of Int. Bent No. 3 not shown, see Sheet No. 9.

For steps 2" or more, use 2 1/4"x1/2" joint filler up vertical face.

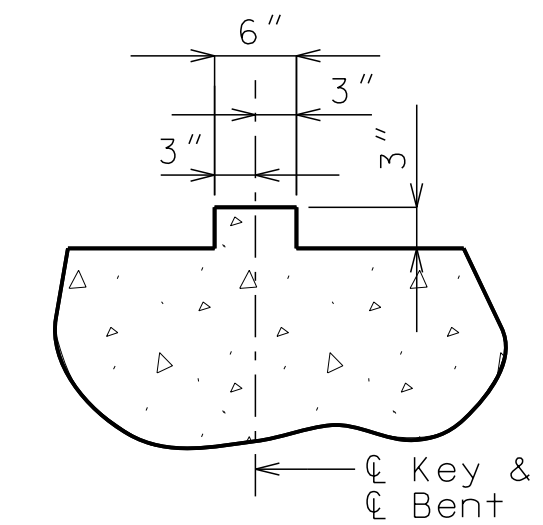
Note: This drawing is not to scale. Follow dimensions.



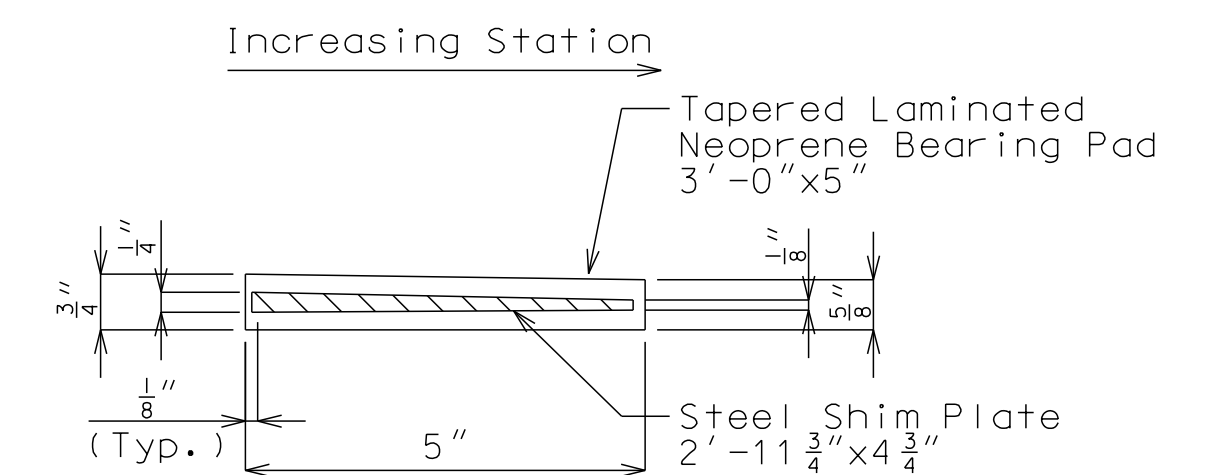
PLAN OF BEAM SHOWING REINFORCEMENT
(Note: Steps and keys not shown for clarity)

Note: This drawing is not to scale. Follow dimensions.

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		DRAWN BY: DWM	
		PROJECT NO.: 12720	
JOSHUA J. MILLER PROFESSIONAL ENGINEER PE-2009010386	<i>East Bridge Plans</i> <i>Paragon Star Development</i> <i>Lee's Summit, Missouri</i>	SHEET NO.	TOTAL SHEETS
		11	30
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SECTION THRU KEY



BEARING PAD DETAIL

Notes:

For details of End Bent No. 4 not shown, see Sheets No. 12 and 13.

For details of Vertical Drain at End Bents, see Sheet No. 6.

Reinforcing steel shall be shifted to clear piles. U-bars shall clear piles by at least $1\frac{1}{2}"$.

All concrete in the end bent above top of beam and below top of slab shall be Class B-2.

For reinforcement of Barrier Curb, see Sheets No. 21-23 and 26.

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SECTION NEAR END BENT
(Stirrups reinforcement not shown for clarity)

DETAIL A

PART PLAN
(Note: Steps not shown for clarity)

BAR BENDING DIAGRAMS

Notes:

For details of End Bent No. 4 not shown, see Sheets No. 11 and 13.

For details of Vertical Drain at End Bents, see Sheet No. 6.

Reinforcing steel shall be shifted to clear piles. U-bars shall clear piles by at least 1 1/2".

All concrete in the end bent above top of beam and below top of slab shall be Class B-2.

For reinforcement of Barrier Curb, see Sheets No. 21-23 and 26.

Reinforcing steel shall be shifted as necessary to miss conduit system.

For Conduit Details, see Sheet No. 26 and 27.

For Elevations A-A & B-B, See Sheet No. 13.

For Sections C-C, D-D, E-E & F-F See Sheet No. 13.

DETAILS OF END BENT NO. 4

Note: This drawing is not to scale. Follow dimensions.

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ELEVATION A-A

TYPICAL SECTION THRU ELEVATION B-B

Looking up station
(*Varies)

ELEVATION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

BAR BENDING DIAGRAMS

DETAIL G

Notes:

For details of End Bent No. 4 not shown, See Sheets No. 11 and 12.

For location of Elevations A-A & B-B, See Sheet No. 12.

For location of Sections C-C, D-D, E-E & F-F See Sheet No. 12.

Reinforcing steel shall be shifted to clear piles. U bars shall clear piles by at least 1 1/2 inch.

For reinforcement of Barrier Curb, See Sheets No. 21-23 and 26.

HP pile shall be galvanized to the minimum galvanized penetration (elevation) (See Foundation Data).

Note: This drawing is not to scale. Follow dimensions.

Concrete for prestressed girders shall be Class A-1 with $f'c = 8500$ psi and $f'ci = 7000$ psi.

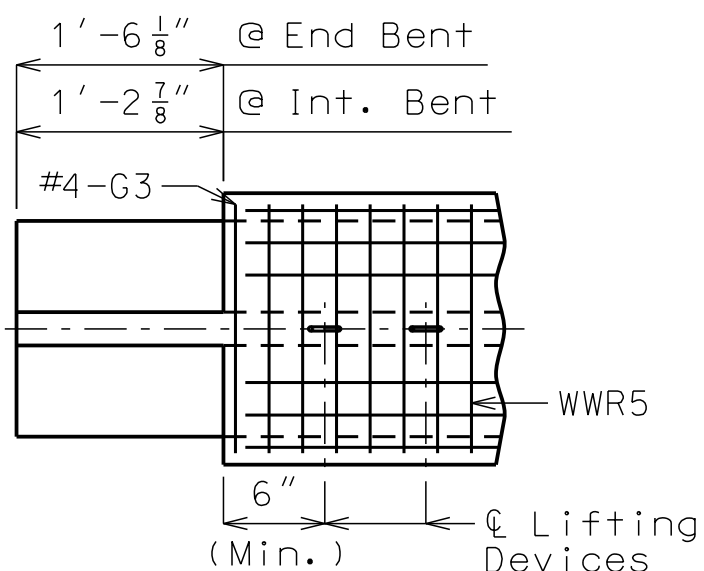
(+) indicates prestressing strand.

Use 14 strands with an initial prestress force of 615.2 kips.

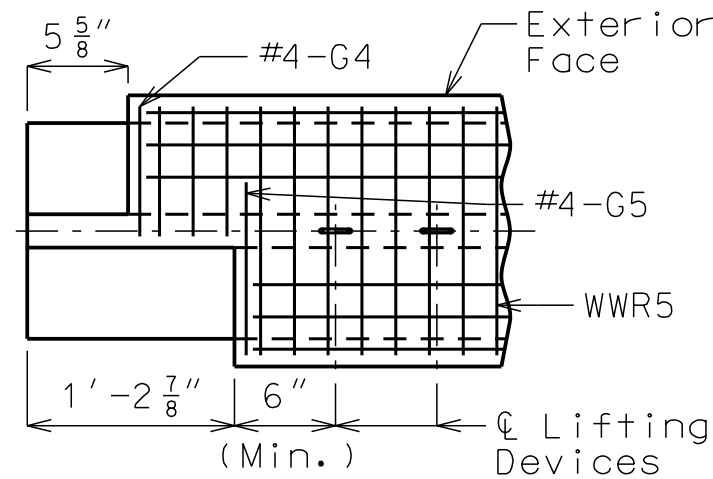
Prestressing tendons shall be uncoated, seven-wire, low-relaxation strands, 0.6 inch diameter in accordance with AASHTO M 203, Grade 270. Pretensioned members shall be in accordance with Sec 1029. Fabricator shall be responsible for location and design of lifting devices.

* Girder top flange shall be steel troweled to a smooth finish for 8" at the edges, as shown. Apply two layers of 30-lb roofing felt as a bond breaker to this region only excluding where joint filler is applied. The center portion shall be rough finished by scarifying the surface transversely with a wire brush, and no laitance shall remain on the surface.

** At the contractor's option the location for bent-up strands may be varied from that shown for fully bonded strands only. The total number of bent-up strands shall not be changed. One strand tie bar is required for each layer of bent-up strands except at end bents which require one bar on the bottom layer of strands only. No additional payment will be made if additional strand tie bars are required.

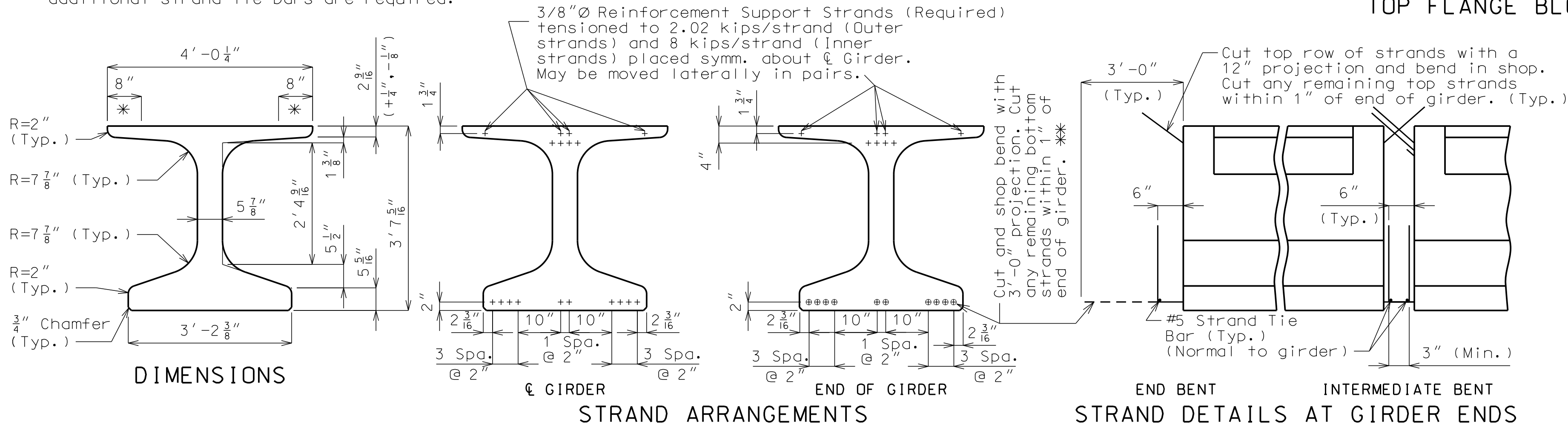


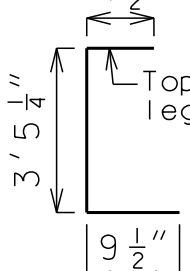
INTERIOR GIRDER AT ALL BENTS
& EXTERIOR GIRDER AT END BENT
FOR SPANS 1 & 3 GIRDERS



LEFT EXTERIOR GIRDER AT
INTERMEDIATE BENT FOR SPANS 1 & 3
GIRDERS (ROTATE 180° FOR RIGHT EXTERIOR)

TOP FLANGE BLOCKOUT



BILL OF REINFORCING STEEL - EACH GIRDER					BENDING DIAGRAMS	
NO.	SIZE & MARK	ACTUAL LENGTH	SHAPE			
72	3 G1	2'-10"	8			
2	4 G3	3'-10 1/4"	20			
2	4 G4	2'-1"	20			
2	4 G5	2'-8 1/8"	20			
						SHAPE 20

G4 and G5 not required for interior girders.

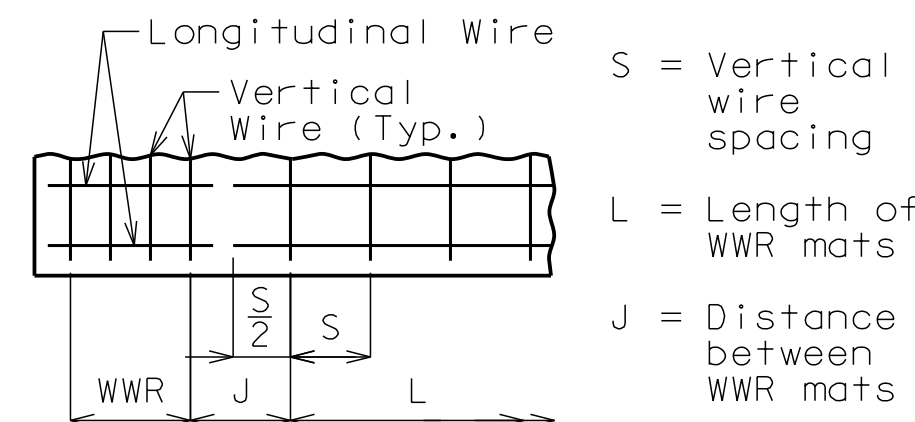
WELDED WIRE REINFORCEMENT - EACH GIRDER				
MARK	WIRE SIZE	S	L	J
WWR1	D31	6"	4'-6"	6"
WWR2	D31	12"	9'-0"	10 1/4"
WWR3	D31	12"	20'-0"	

BENDING
DIAGRAMS

$7 \frac{7}{8}$ "
 5 "
 2 "
 $2' 7 \frac{1}{2}$ "
 $5 \frac{1}{8}$ "
 $d = 2 \frac{1}{2}$ "
 W8
 Wire Size @ "S" Sp.
 W8

WWR1, WWR2 & WWR3

$14 \frac{1}{8}$ " W2 (Typ.)
 $16 \frac{3}{4}$ "
 $6 \frac{3}{4}$ "
 $3' - 3 \frac{3}{8}$ "
 WWR4
 2 "
 20 "
 6 "
 6 "
 6 "
 6 "
 $3' - 10 \frac{1}{4}$ "
 WWR5
 W8 (Typ.)



WELDED WIRE PLACEMENT

General Notes:

Reinforcing Steel:

All dimensions are out to out.

Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures, Stirrup and Tie Dimensions.

Actual bar lengths are measured along centerline of bar to the nearest inch.

Minimum clearance to reinforcing shall be 1", unless otherwise shown.

All bar reinforcement shall be Grade 60.

Welded Wire Reinforcement (WWR) shall be in accordance with AASHTO M 221. WWR shall not be epoxy coated.

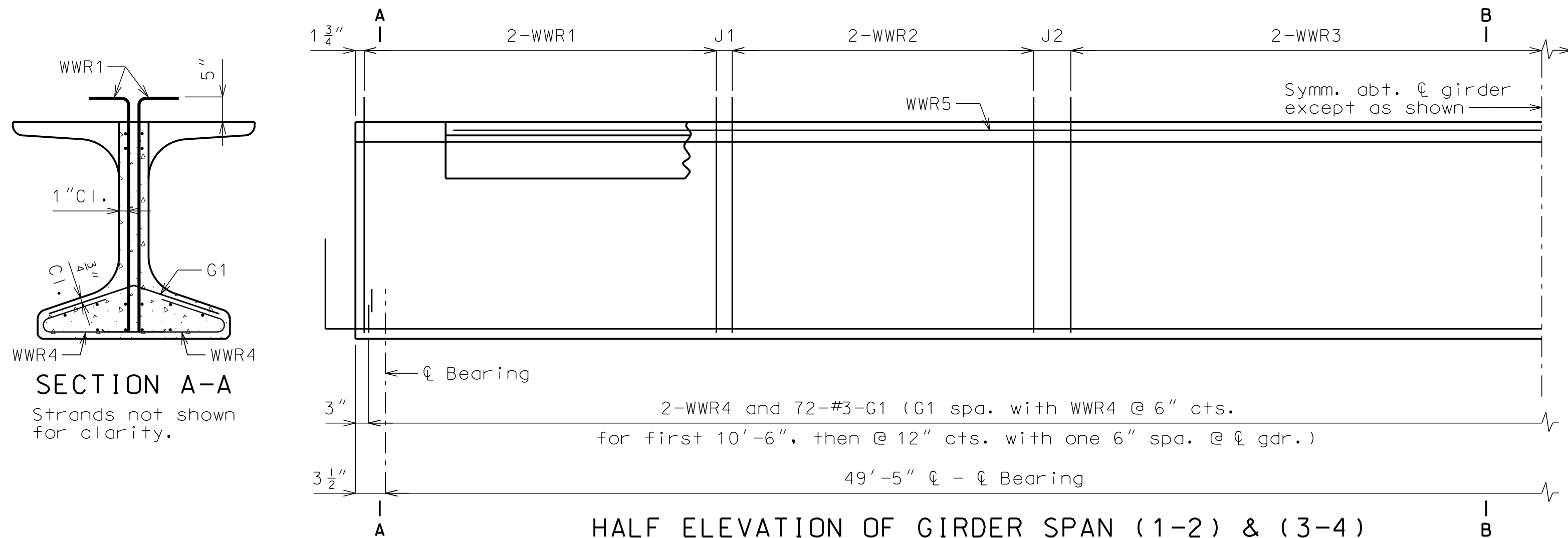
Miscellaneous:

Coil ties shall be held in place in the forms by slotted wire-setting-studs projecting thru forms. Studs are to be left in place or replaced with temporary plugs until girders are erected, then replaced by coil tie rods.

The contractor shall provide bracing necessary for lateral and torsional stability of the girders during construction of the concrete slab and remove the bracing after the slab has attained 75% design strength. Contractor shall not drill holes in the girders.

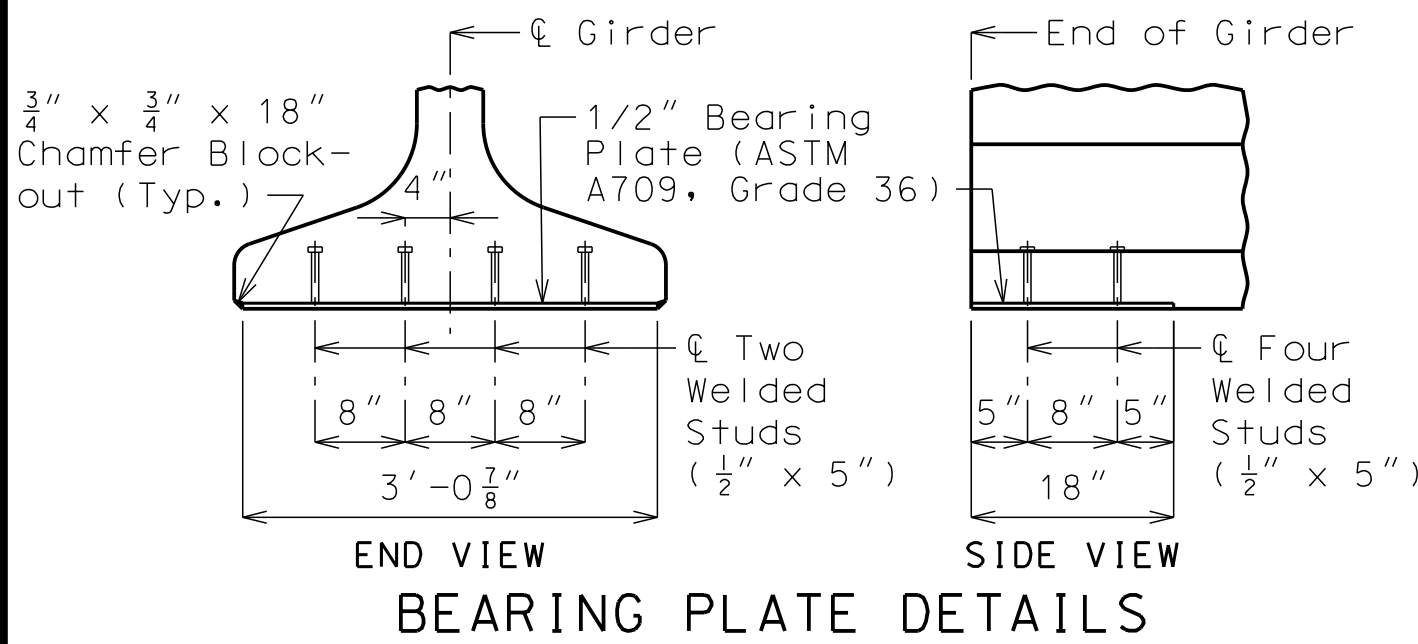
For location of coil ties at concrete bent diaphragms, see Sheets No. 4, 12, and 16.

For Girder Camber Diagram, See Sheet No. 18.



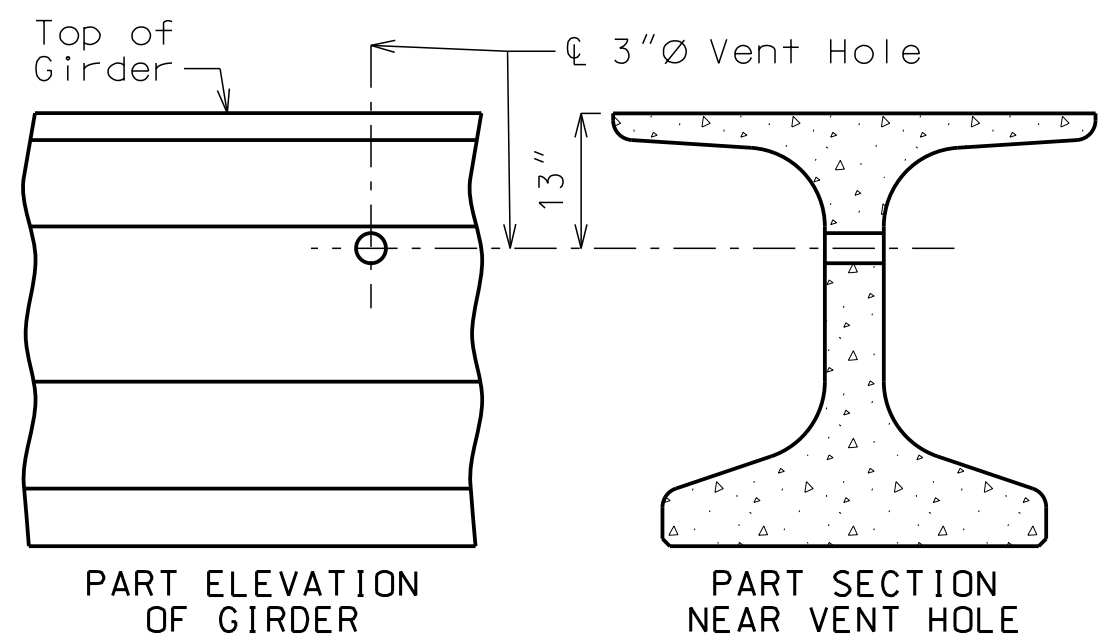
HALF ELEVATION OF GIRDER SPAN (1-2) & (3-4)

Exterior and interior girders are the same, except for coil ties and top flange blockout. Reinforcement support strands not shown for clarity.



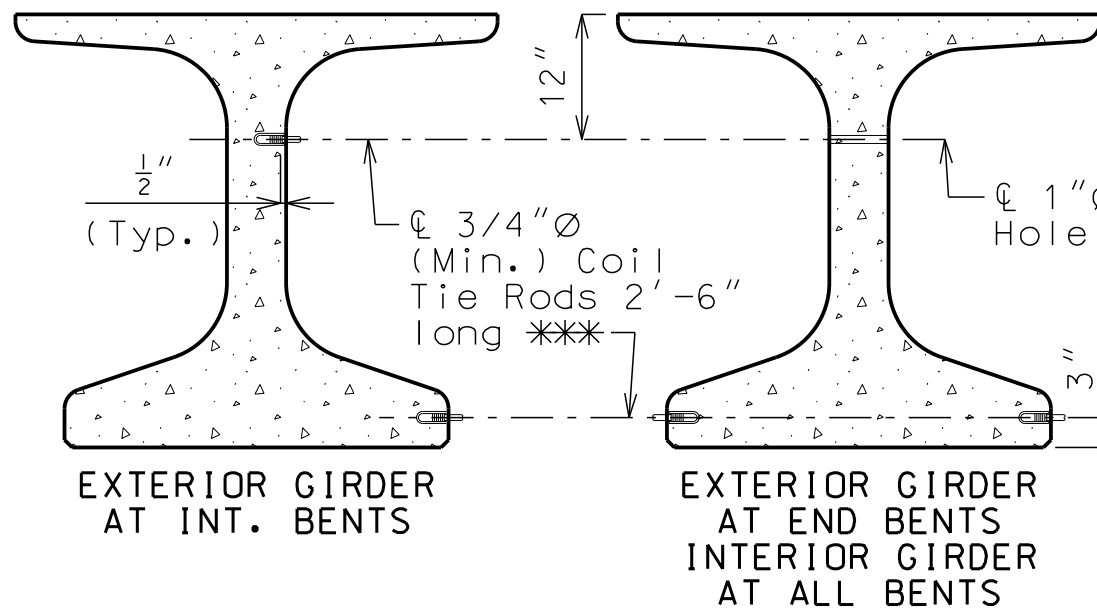
BEARING PLATE DETAILS

Galvanize the 1/2" bearing plate (ASTM A709 Grade 36) in accordance with ASTM A123.



DETAILS OF VENT HOLE

Place vent holes at or near upgrade 1/3 point of girders and clear reinforcing steel or strands by 1 1/2" minimum.



DETAILS OF COIL TIES

Cast 1" Ø hole horizontally in girder for #6 bar 5'-6" long and clear reinforcing steel or strands by 1 1/2" minimum.

*** Length of coil tie rods at exterior face of exterior girders at end bents = 2'-4".

*** Length of coil tie rods at faces adjacent to conduit blockout of Girders No. 1 & 2 at intermediate bents = 17".

Note: This drawing is not to scale. Follow dimensions.

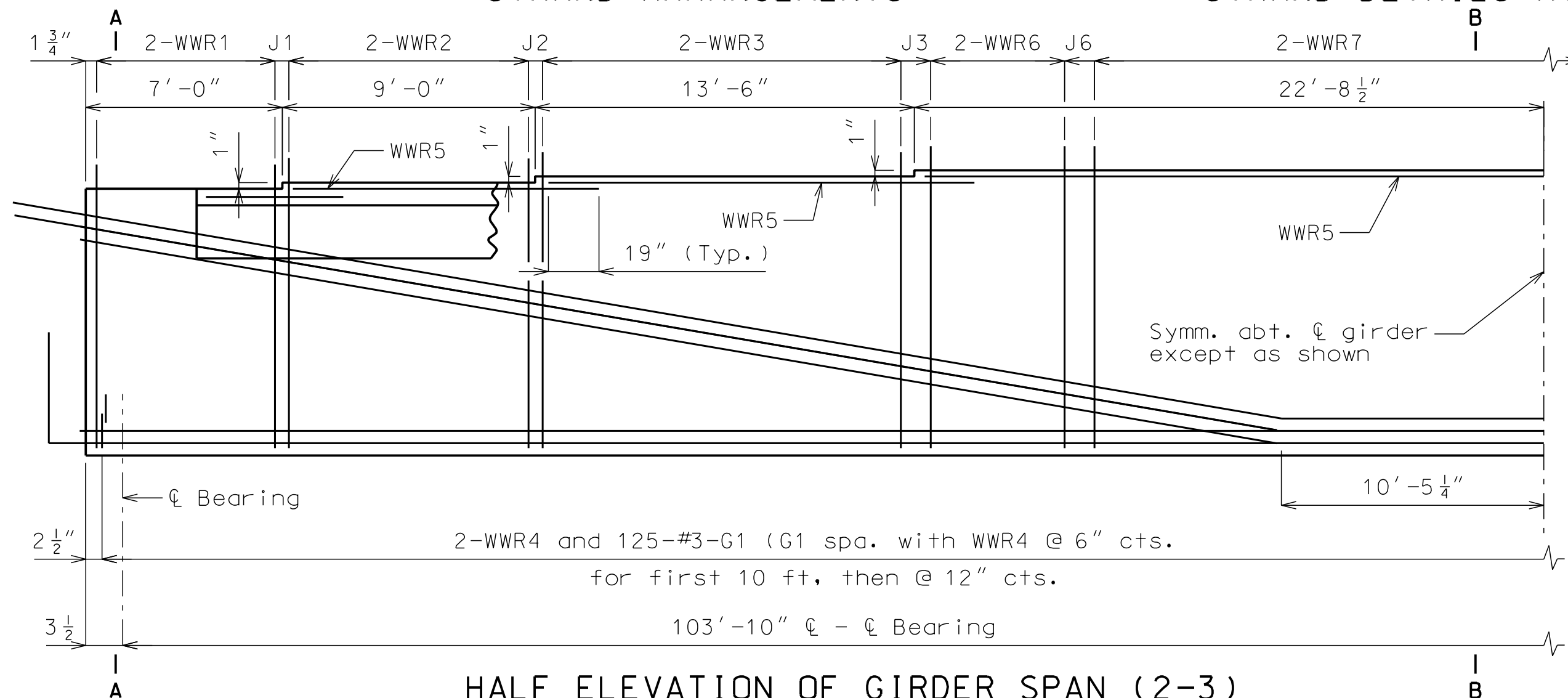
At the contractor's option the location for bent-up strands may be varied from that shown for fully bonded strands only. The total number of bent-up strands shall not be changed. One strand tie bar is required for each layer of bent-up strands except at end bents which require one bar on the bottom layer of strands only. No additional payment will be made if additional strand tie bars are required.



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		PROJECT NO.: 12720	
		SHEET NO.	TOTAL SHEETS
	15	30	
JOSHUA J. MILLER PROFESSIONAL ENGINEER PE-2009010386		East Bridge Plans Paragon Star Development Lee's Summit, Missouri	
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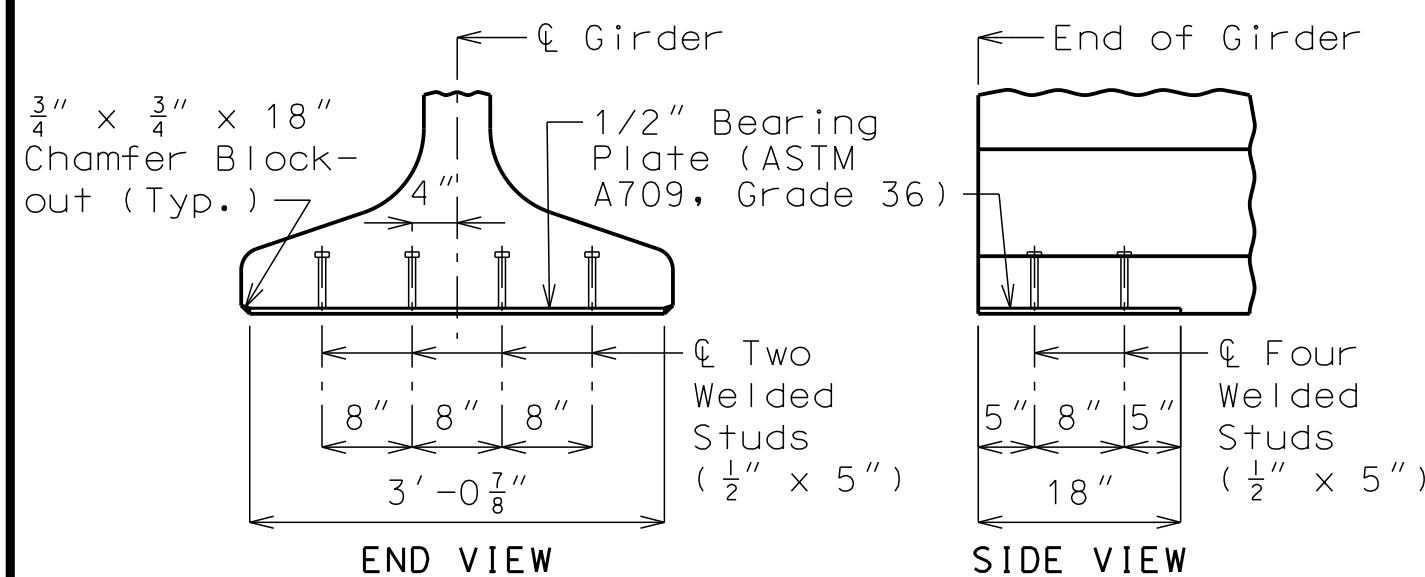


Strands not shown
for clarity.



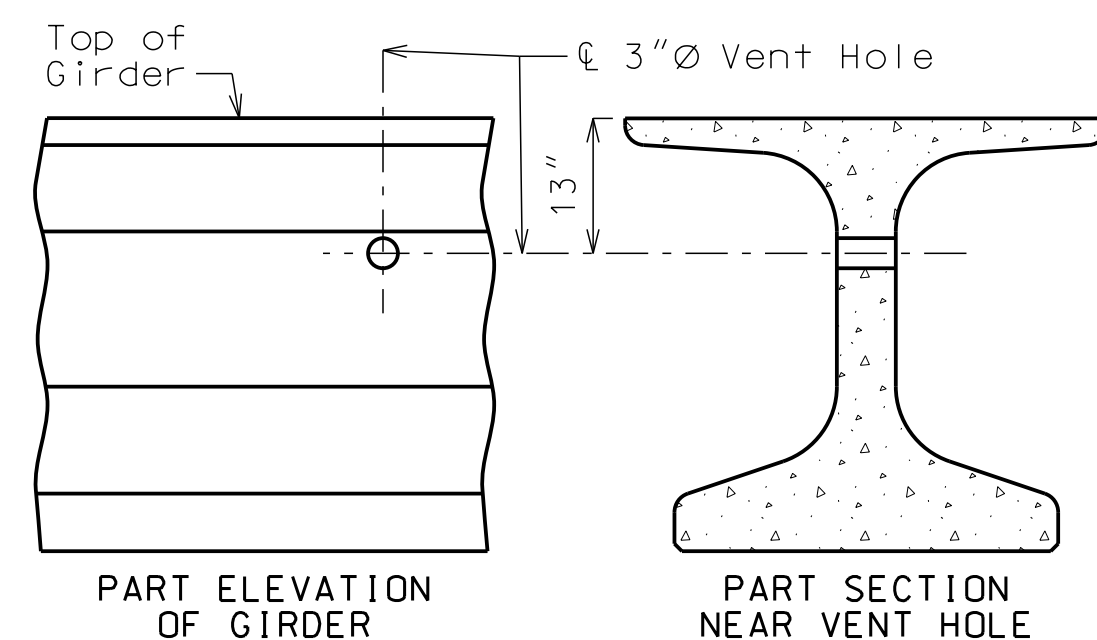
HALF ELEVATION OF GIRDER SPAN (2-3)

Exterior and interior girders are the same, except for coil ties, and top flange blackout. Reinforcement support strands not shown for clarity.



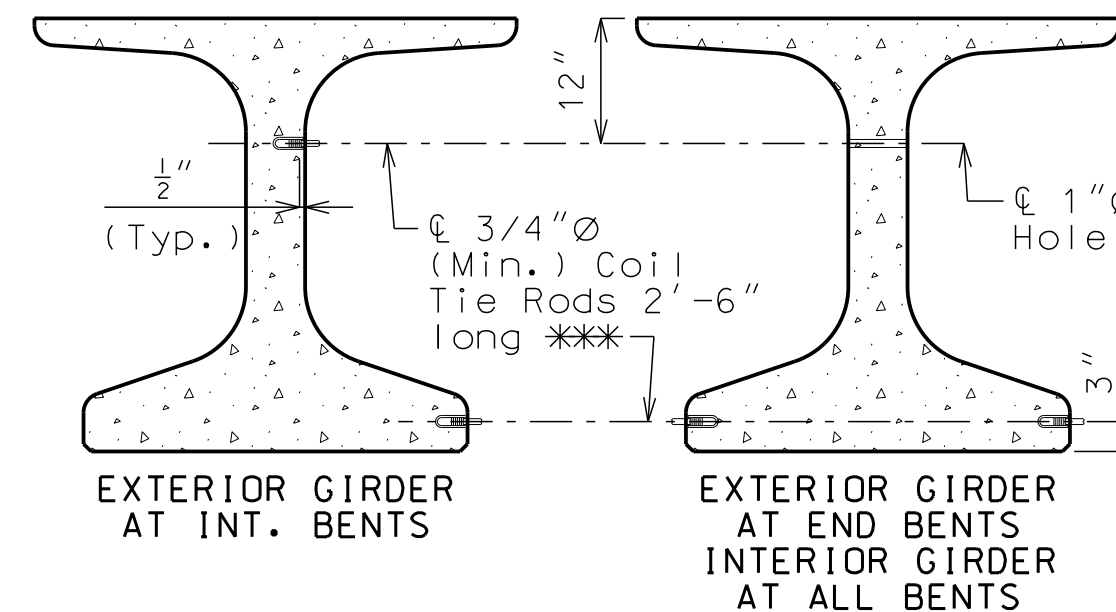
BEARING PLATE DETAILS

Galvanize the 1/2" bearing plate (ASTM A709 Grade 36) in accordance with ASTM A123.



DETAILS OF VENT HOLE

Place vent holes at or near upgrade 1/3 point of girders and clear reinforcing steel or strands by 1 1/2" minimum.



DETAILS OF COIL TIES

Cast 1"Ø hole horizontally in girder for #6 bar 5'-6" long and clear reinforcing steel or strands by 1 1/2" minimum.

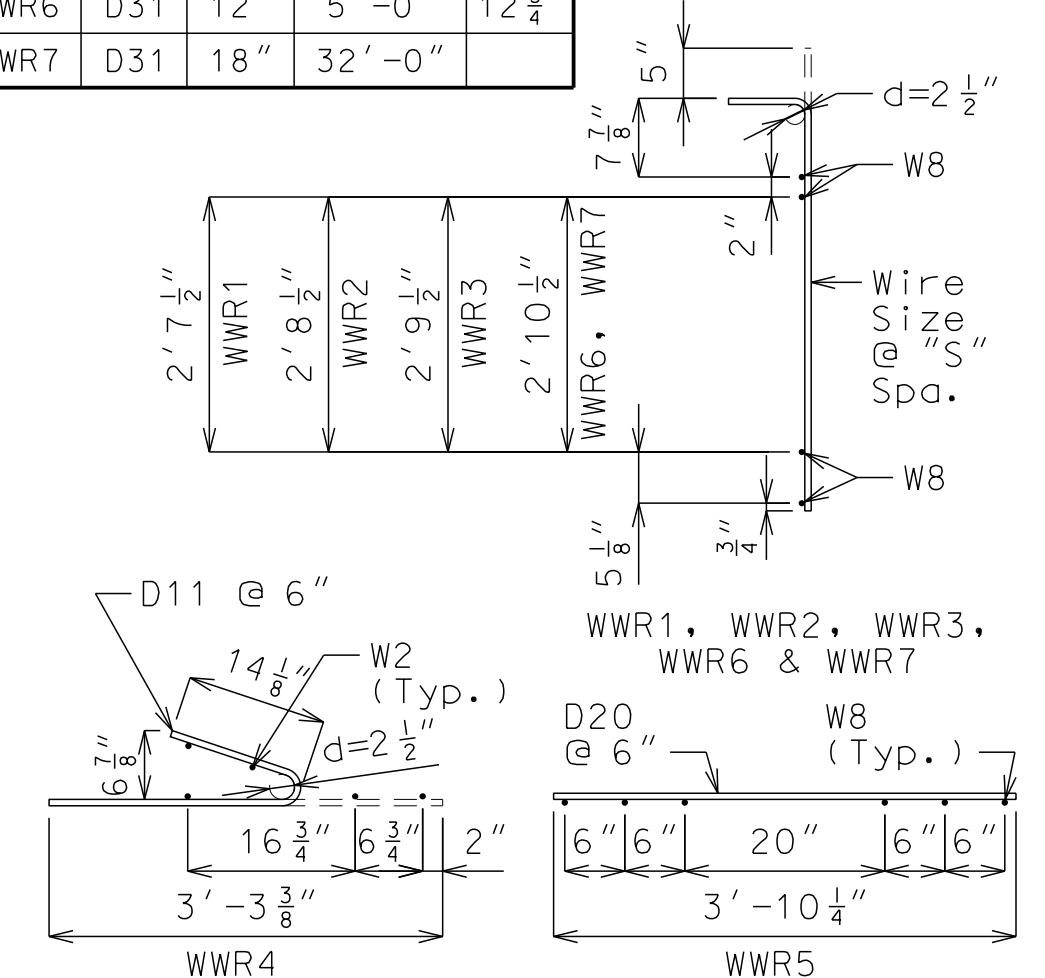
*** Length of coil tie rods at exterior face of exterior girders at end bents = 2'-4".

*** Length of coil tie rods at faces adjacent to conduit blockout of Girders No. 1 & 2 at intermediate bents = 17".

[illegible]

G4 and G5 not required for interior girders.

WELDED WIRE REINFORCEMENT - EACH GIRDER				
MARK	WIRE SIZE	S	L	J
WWR1	D31	6"	6'-6"	6"
WWR2	D31	6"	8'-6"	6"
WWR3	D31	12"	13'-0"	12"
WWR6	D31	12"	5'-0"	12 $\frac{3}{4}$ "
WWR7	D31	18"	32'-0"	



WELDED WIRE PLACEMENT

General Notes:

Reinforcing Steel:

All dimensions are out to out.

Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures, Stirrup and Tie Dimensions.

Actual bar lengths are measured along centerline of bar to the nearest inch.

Minimum clearance to reinforcing shall be 1", unless otherwise shown.

All bar reinforcement shall be Grade 60.

Welded Wire Reinforcement (WWR) shall be in accordance with AASHTO M 221. WWR shall not be epoxy coated.

Miscellaneous:

Coil ties shall be held in place in the forms by slotted wire-setting-studs projecting thru forms. Studs are to be left in place or replaced with temporary plugs until girders are erected, then replaced by coil tie rods.

The contractor shall provide bracing necessary for lateral and torsional stability of the girders during construction of the concrete slab and remove the bracing after the slab has attained 75% design strength. Contractor shall not drill holes in the girders.

For location of coil ties at concrete bent diaphragms, see Sheets No. 4, 12, and 16.

For Girder Camber Diagram, See Sheet 18.

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SECTION NEAR INTERMEDIATE BENT
(Conduits and conduit hanger not shown for clarity.)

SECTION B-B

SECTION A-A

#5-U100

#5-U105

#5-H105

#6-H103

#5-H104

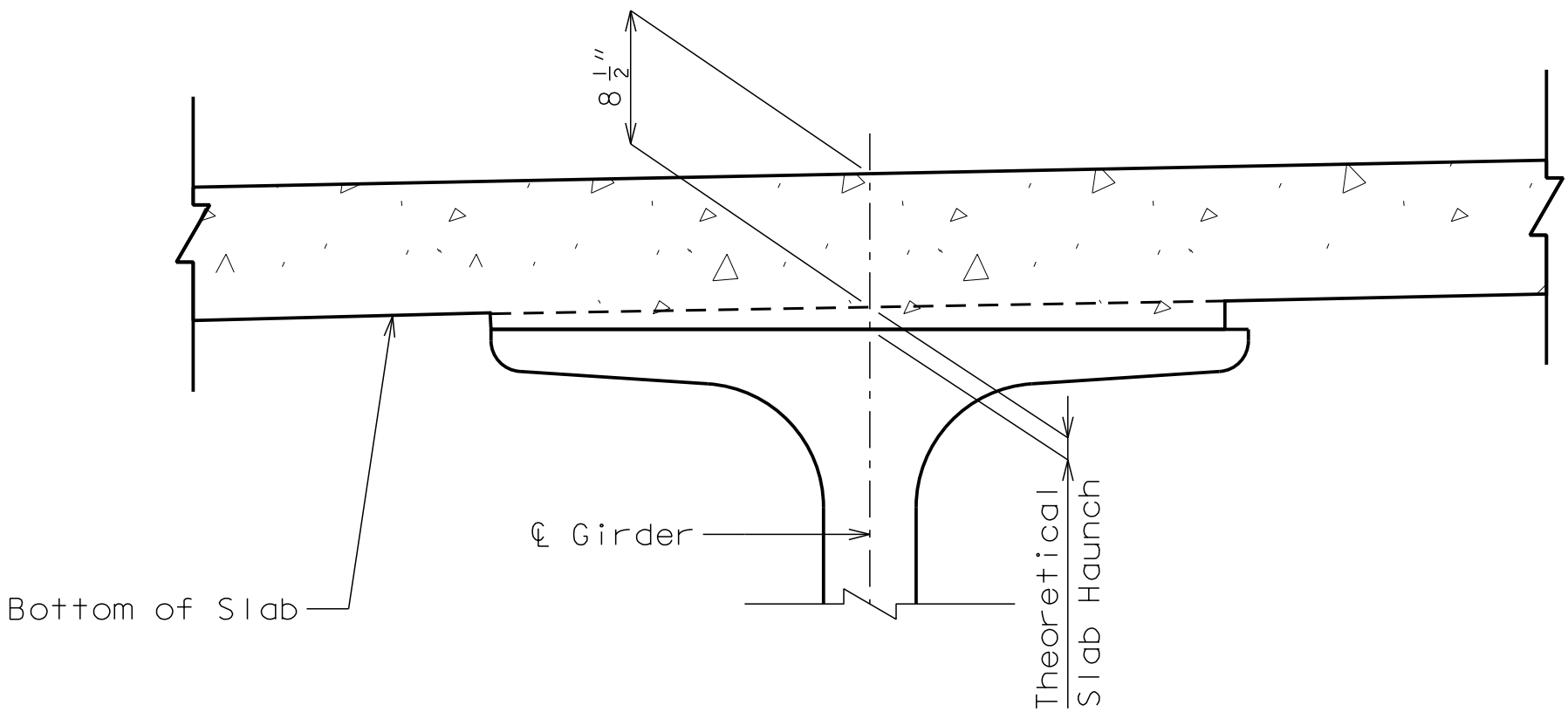
DETAIL C

Notes:

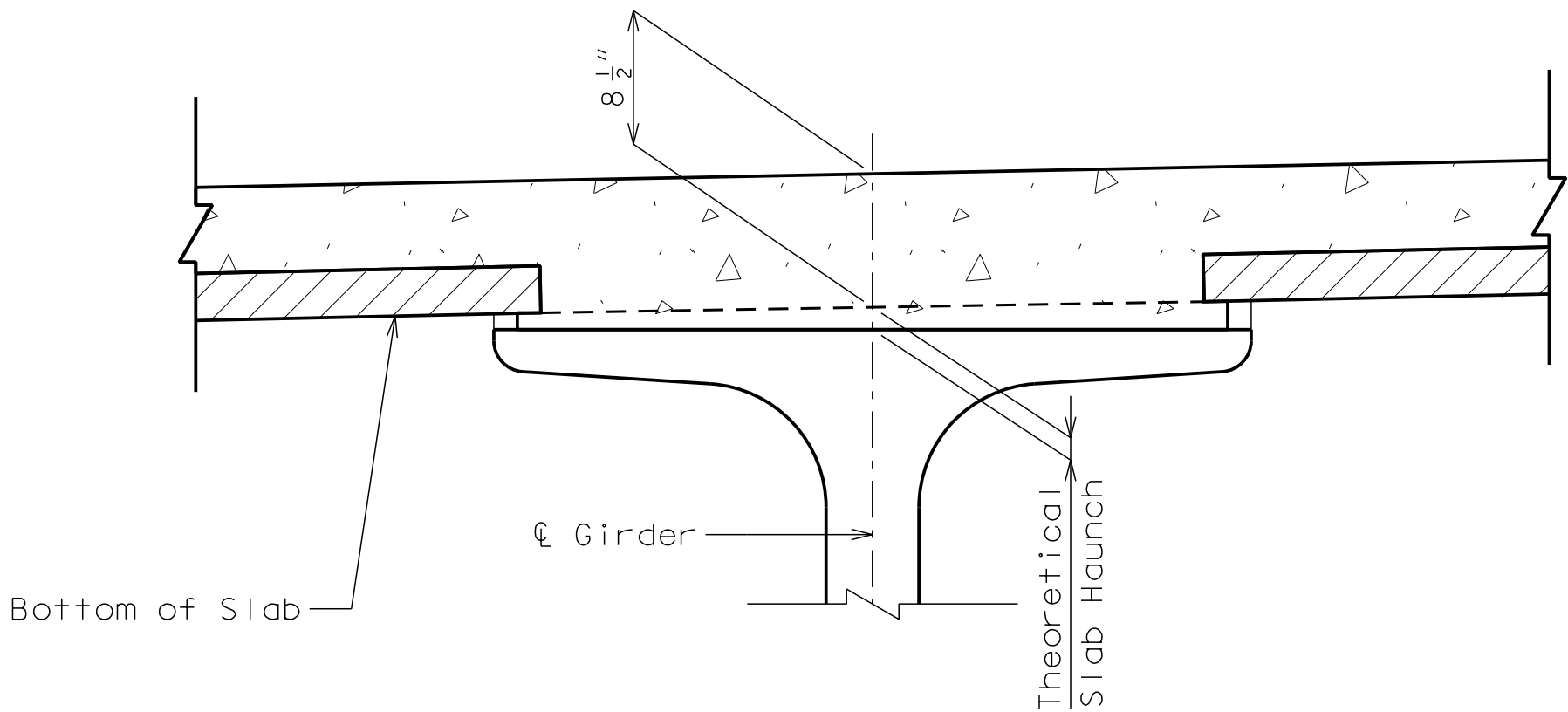
- Diaphragms at Intermediate Bents shall be built vertically.
- For locations of Strand Tie Bars, see Sheets No. 14 and 15.
- For locations and details of Coil Tie Rods, see Sheets No. 14 and 15.
- For Pedestrian Fence and Pedestrian Rail details, see Architectural Sheets.
- For conduit details, see Sheets No. 26 and 27.

DETAILS OF CONCRETE DIAPHRAGMS AT INTERMEDIATE BENTS NO. 2 & 3

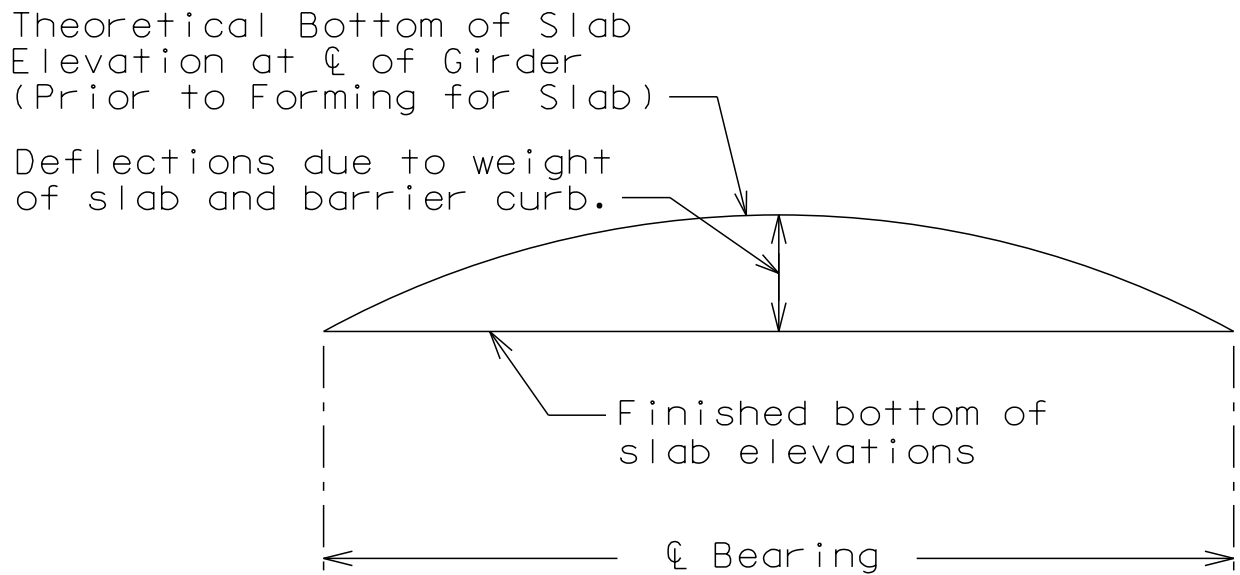
Note: This drawing is not to scale. Follow dimensions.



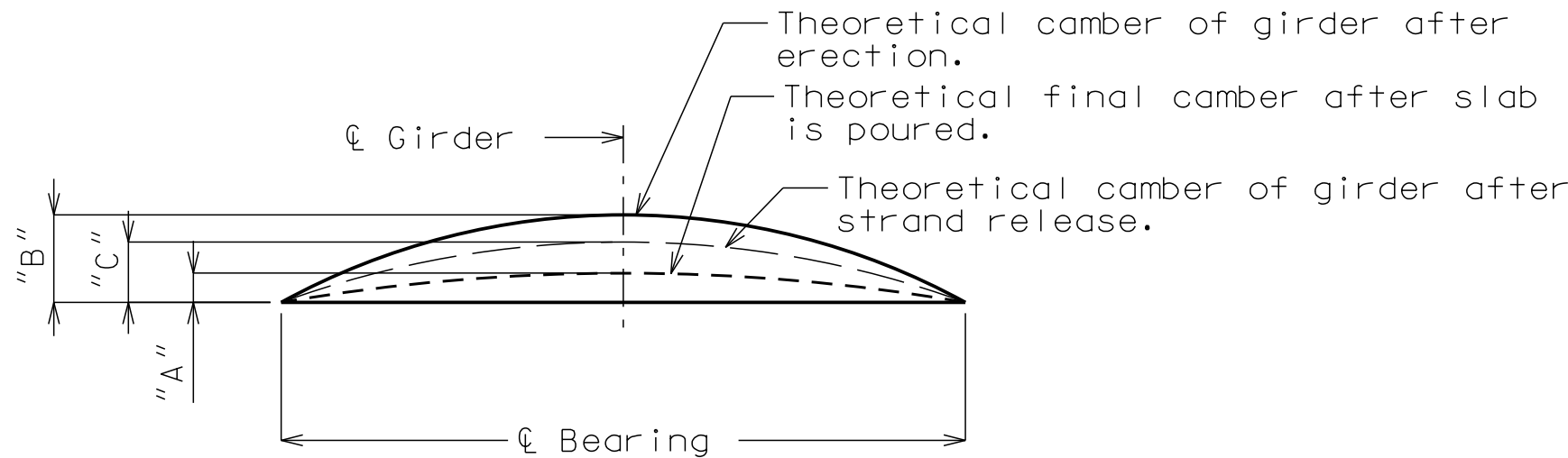
THEORETICAL SLAB HAUNCH WITHOUT PRECAST PANELS



THEORETICAL SLAB HAUNCH WITH PRECAST PANELS



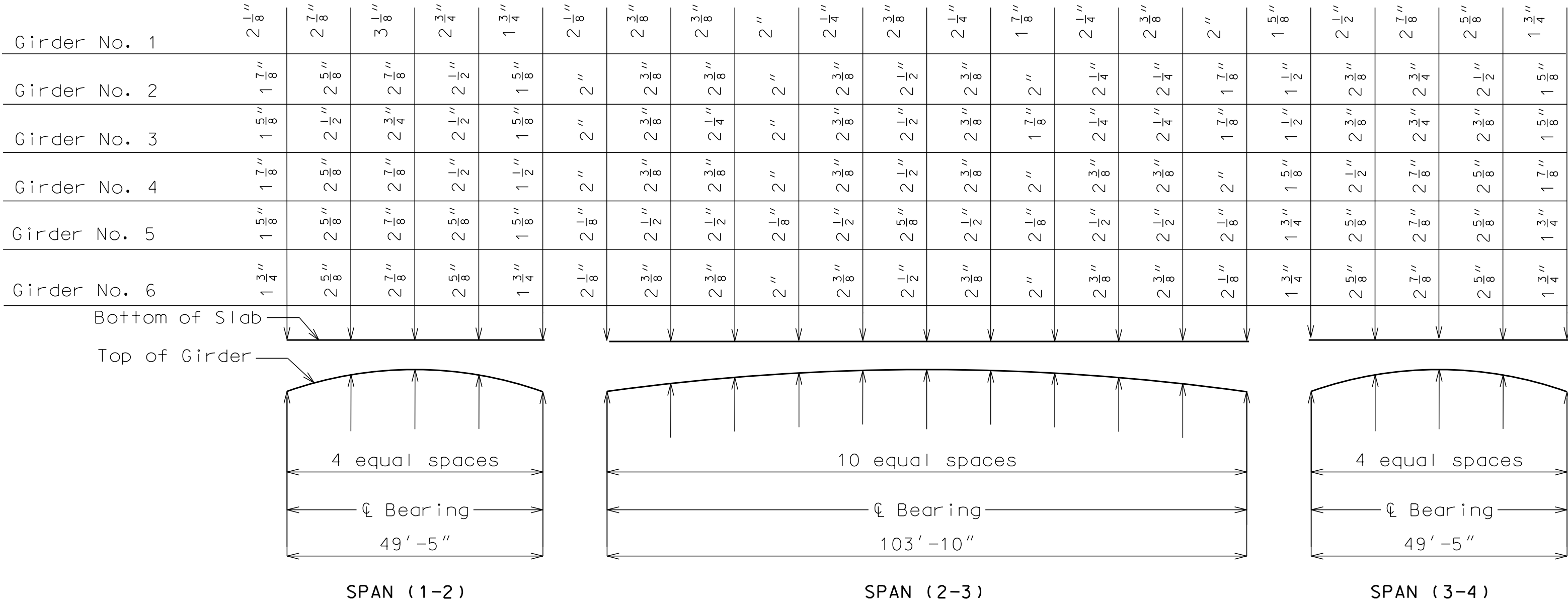
TYPICAL SLAB ELEVATIONS DIAGRAM



	Span (1-2)			Span (2-3)			Span (3-4)		
	"A"	"B"	"C"	"A"	"B"	"C"	"A"	"B"	"C"
Ext. Girder	0"	1/8"	1/8"	1 7/8"	5"	2 3/4"	0"	1/8"	1/8"
Int. Girder	0"			1 3/4"			0"		

GIRDER CAMBER DIAGRAM

Conversion factors for girder camber.
0.1 pt. = 0.314 x 0.5 pt.
0.2 pt. = 0.593 x 0.5 pt.
0.25 pt. = 0.7125 x 0.5 pt.
0.3 pt. = 0.813 x 0.5 pt.
0.4 pt. = 0.952 x 0.5 pt.



THEORETICAL SLAB HAUNCHING DIAGRAM

If girder camber is different from that shown in the camber diagram, in order to maintain minimum slab thickness, an adjustment of the slab haunches, an increase in slab thickness or a raise in grade uniformly throughout the structure shall be necessary. No payment will be made for additional labor or materials required for variation in haunching, slab thickness or grade adjustment.

Theoretical Bottom of Slab Elevations at Centerline of Girder (Prior to forming for slab)																					
	Span (1-2) (49'-5" € brg - € brg.)					Span (2-3) (103'-10" € brg - € brg.)										Span (3-4) (49'-5" € brg - € brg.)					
	€ brg.	.25	.50	.75	€ brg.	€ brg.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	€ brg.	€ brg.	.25	.50	.75	€ brg.
Girder No. 1	819.02	819.41	819.75	820.03	820.26	820.28	820.51	820.71	820.85	820.94	820.96	820.93	820.85	820.70	820.51	820.27	820.25	820.02	819.74	819.40	819.01
Girder No. 2	819.21	819.60	819.94	820.22	820.45	820.47	820.71	820.90	821.05	821.14	821.17	821.14	821.05	820.90	820.70	820.46	820.44	820.21	819.93	820.59	819.20
Girder No. 3	819.39	819.79	820.13	820.41	820.63	820.65	820.89	821.09	821.24	821.32	821.35	821.32	821.23	821.09	820.89	820.65	820.63	820.40	820.12	819.78	819.38
Girder No. 4	819.58	819.97	820.31	820.59	820.82	820.84	821.08	821.28	821.42	821.51	821.54	821.51	821.42	821.27	821.07	820.83	820.81	820.59	820.30	819.96	819.57
Girder No. 5	819.47	819.86	820.20	820.48	820.70	820.72	820.97	821.16	821.31	821.40	821.43	821.40	821.30	821.16	820.96	820.72	820.70	820.47	820.19	819.85	819.46
Girder No. 6	819.28	819.67	820.01	820.29	820.52	820.54	820.77	820.97	821.11	821.19	821.22	821.19	821.10	820.96	820.77	820.53	820.51	820.28	820.00	819.66	819.27

Elevations are based on a constant slab thickness of 8 1/2" and include allowance for theoretical dead load deflections due to weight of slab (including precast panel), barrier curb, curb, pedestrian fence, pedestrian handrail, and median.

SLAB DETAILS

Note: This drawing is not to scale. Follow dimensions.

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The drawing shows a plan view of a bridge slab with three spans: SPAN (1-2), SPAN (2-3), and SPAN (3-4). The spans are 50'-0" long each. The total length is 150'-0". The width of the slab is 54'-7". The drawing includes details for the top and bottom reinforcement, including bar sizes (#5, #8, #10), spacing, and lap lengths. The top reinforcement is shown with bars #5-S11, #8-S9, and #5-S12. The bottom reinforcement is shown with bars #5-S10, #8-S9, and #5-S12. The drawing also includes dimensions for the bents and the roadway. A north arrow is located on the right side of the drawing.

TOP REINFORCEMENT

BOTTOM REINFORCEMENT

PLAN OF SLAB SHOWING REINFORCING

Note: This drawing is not to scale. Follow dimensions.

Note:
Barrier and curb reinforcement not shown for clarity.

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Light Posts (By Others) (Beyond) (Typ.)

54'-7"

27'-3 1/2"

13'-5"

10'-0" (Min.) Sidewalk

16"

12" Shy

36'-0" Roadway

3- 12'-0" Lanes = 36'-0"

16"

18" Shy

6'-5 1/2"

27'-3 1/2"

3'-6" (Min)

#6-S1

#5-S3 or #5-S7

#5-S11 or #5-S12

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

3'-10"

10-#5-S10 @ 7"

3'-10"

10-#5-S10 @ 7"

3'-11 1/2"

9'-4"

9'-4"

9'-4"

9'-4"

9'-4"

3'-11 1/2"

2 3/8" C.I.

#6-S1

#6-S2

3" Precast P/S Panel (Typ. 3 Bays)

#5-S8 (Typ.)

#8-S4

#8-S5

#8-S6

#8-S9

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

3'-6"

2'-8"

3'-6" (Min)

2'-8"

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

27'-3 1/2"

13'-5"

10'-0" (Min.) Sidewalk

16"

12" Shy

36'-0" Roadway

3- 12'-0" Lanes = 36'-0"

16"

18" Shy

6'-5 1/2"

27'-3 1/2"

3'-6" (Min)

#6-S1

#5-S3 or #5-S7

#5-S11 or #5-S12

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

3'-10"

10-#5-S10 @ 7"

3'-10"

10-#5-S10 @ 7"

3'-11 1/2"

9'-4"

9'-4"

9'-4"

9'-4"

9'-4"

3'-11 1/2"

2 3/8" C.I.

#6-S1

#6-S2

3" Precast P/S Panel (Typ. 3 Bays)

#5-S8 (Typ.)

#8-S4

#8-S5

#8-S6

#8-S9

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

3'-6"

2'-8"

3'-6" (Min)

2'-8"

2" (Typ.)

5" (Typ.)

4-#5-S10 @ 7" (Typ.)

HALF SECTION NEAR MIDSPAN

SECTION THRU SLAB
(Median not shown for clarity.)

HALF SECTION NEAR INTERMEDIATE BENT

Contractor may shift or swap bars as needed to tie R1 bar in barrier (4" min. bar spacing)

Contractor may shift bar as needed to tie R3 bar in barrier

OPTIONAL SHIFTING TOP BARS AT BARRIER

Out to out of curbs

1 5 2 4 3

Const. joint

43'-7"

7'-8"

42'-0"

21'-0"

42'-0"

7'-8"

43'-7"

51'-3"

105'-0"

51'-3"

SPAN (1-2)

SPAN (2-3)

SPAN (3-4)

6"x3" Curb

Galvanized Strap 1/4" Thk. x 2"W x 4'-0"L w/ 1 1/2" Lip @ end Spaced @ 2'-0" (Max.)

6"

3"

6"

Edge of Slab

Const. Joint

Galvanized Strap 1/4" Thk. x 2"W x 2'-0"L w/ 1 1/2" Lip @ end Spaced @ 2'-0" (Max.)

Const. Joint

Galvanized 7x4x3/8 Continuous Bent Plate

SIDEWALK CURB AND PEDESTRIAN FENCE ATTACHMENT DETAIL

Const. Jt.

DETAIL B

2% Cross Slope

Top of Slab

Profile Grade

Crown of Slab

2'-0"

2'-0"

4'-0"

Parabolic Crown

DETAIL A

	Sequence of Pours					Min. rate of pour cu. yds./hr.		
	Direction							
	1	2	3	4	5			
Basic sequence	Either direction					25		
Alternate pours to the basic Skip sequence are subject to the approval of the engineer in accordance with Sec 703.								
Alternate "A" pours	1	5 + 2		4 + 3		38		
	End to 5	1 to 4		2 to end				
Alternate "B" pours	1 + 5 + 2	4 + 3				38		
	End to 4	2 to end						
Alternate "C" pours	1 + 5 + 2 + 4 + 3					38		
	End to end							

Note: The contractor shall pour and satisfactorily finish the slab pours at the rate given.

SLAB POURING SEQUENCE

Finish each side of joint with 1/4" radius edging tool

1"

3 1/2"

2 3/4"

2 1/2"

1 1/2"

1 1/2"

Key to extend full width of full depth slab

Const. Jt.

FULL DEPTH SLAB

Finish each side of joint with 1/4" radius edging tool

Const. Joint (Extend full width of deck)

Panel Joint

** Adjust the construction joint to a clearance of 6 inches minimum from the panel joint.

SLAB ON PANELS

SLAB CONSTRUCTION JOINT

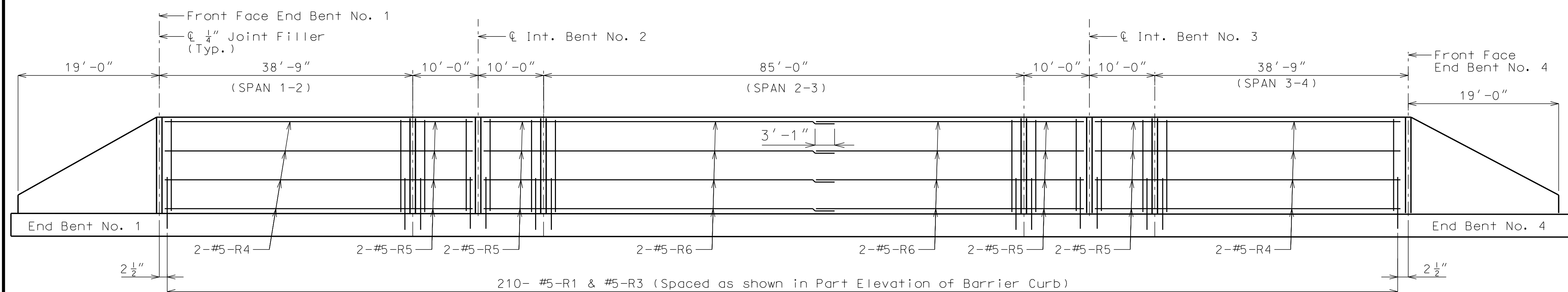
SLAB DETAILS

Note: This drawing is not to scale. Follow dimensions.

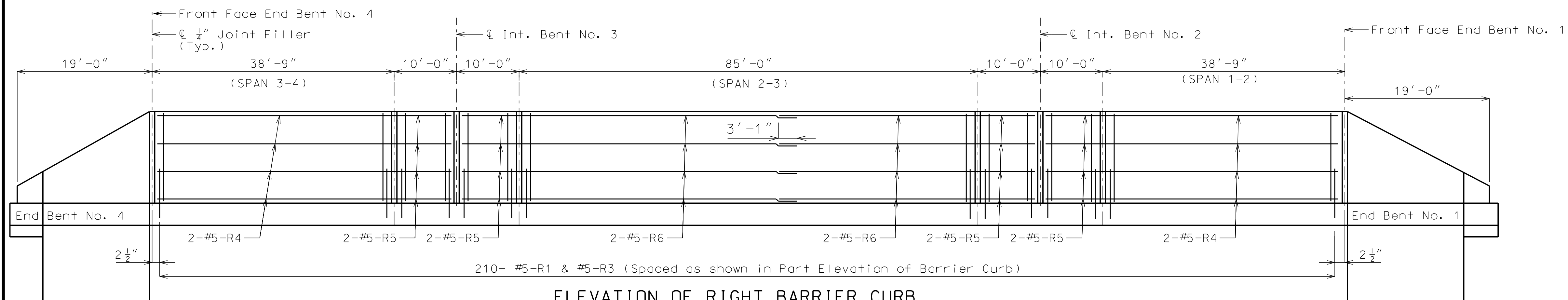
Notes:

- For details of precast prestressed panels, see Sheet No. 17.
- For reinforcement of Barrier Curb not shown, see Sheets No. 21-23 and 26.
- For Theoretical Bottom of Slab Elevations, Girder Camber Diagram and Theoretical Slab Haunching Diagram, see Sheet No. 18.
- For Plan of Slab Showing Reinforcement, see Sheet No. 19.
- For Conduit details, see Sheets No 26 and 27.
- For Pedestrian Fence and Pedestrian Rail details, see Architectural Sheets.
- For median details, see Street Plans.

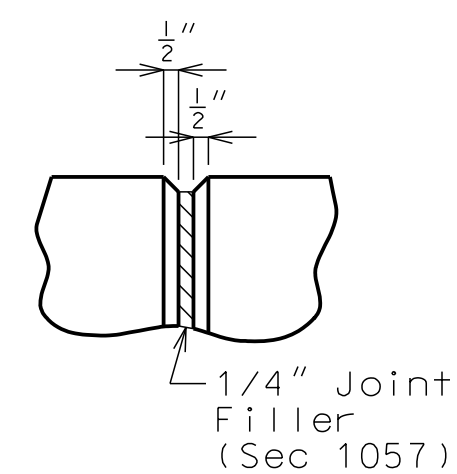
The sidewalk segment of the bridge shall have a minimum cross-slope of 1.5%. Cross-slopes steeper than 2% are not compliant with ADA and must be made compliant by whatever means necessary, including removal and replacement.



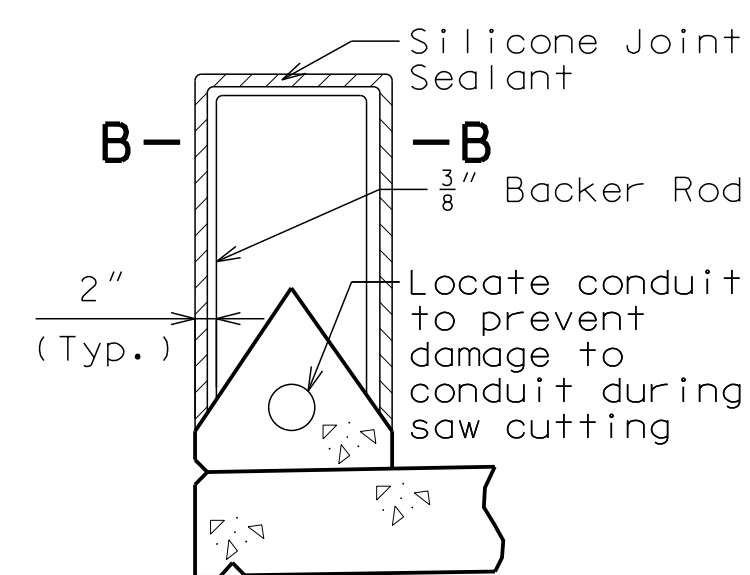
ELEVATION OF LEFT BARRIER CURB
Longitudinal dimensions are horizontal.



ELEVATION OF RIGHT BARRIER CURB
Longitudinal dimensions are horizontal.

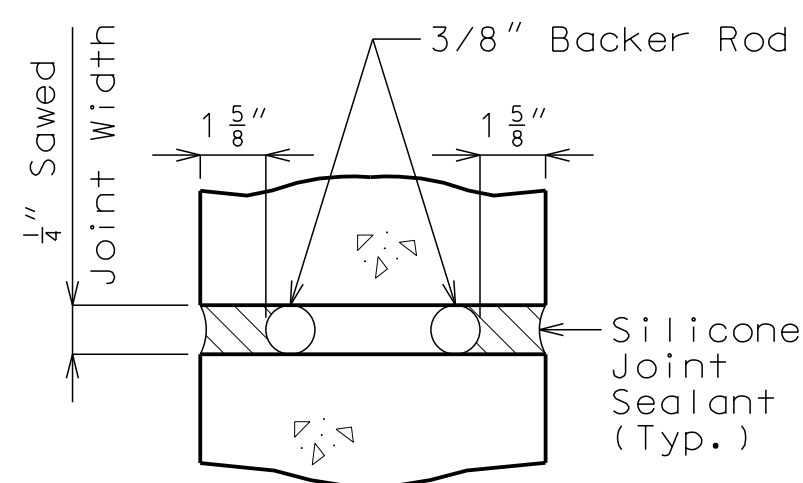


PART ELEVATION
AT FORMED JOINT

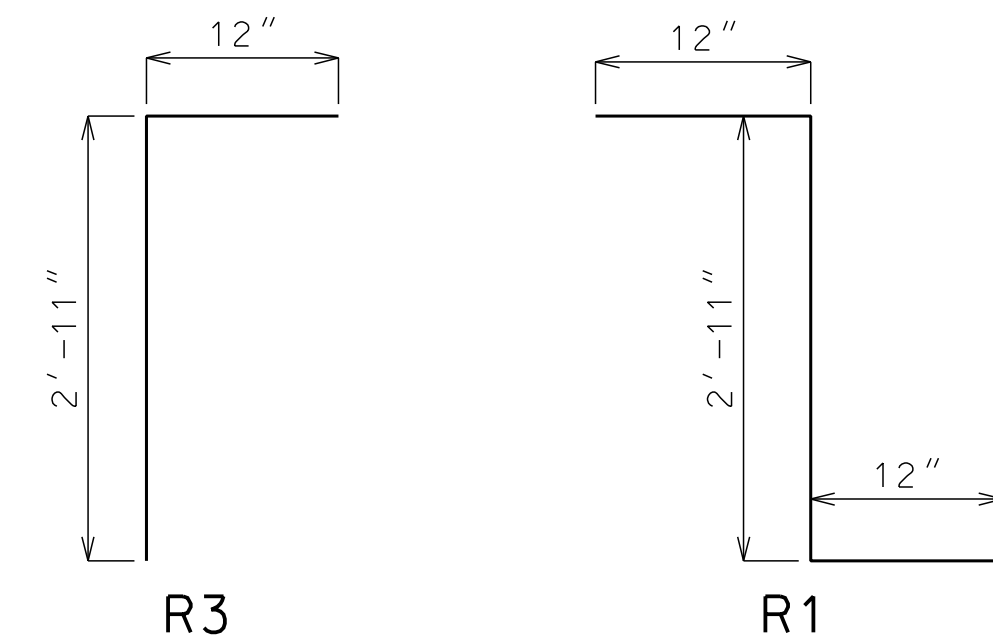


SECTION THRU
SAW CUT JOINT

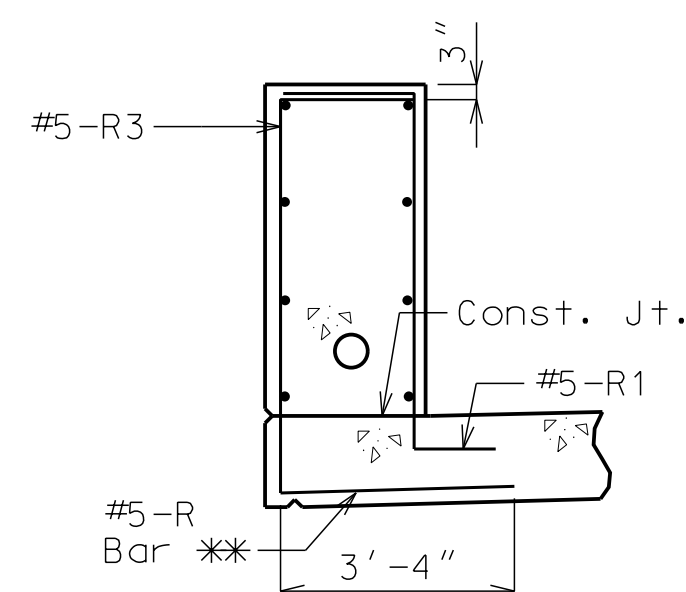
(Use when conduit is required)
(Place conduit in center of
concrete section of barrier)



SECTION B-B

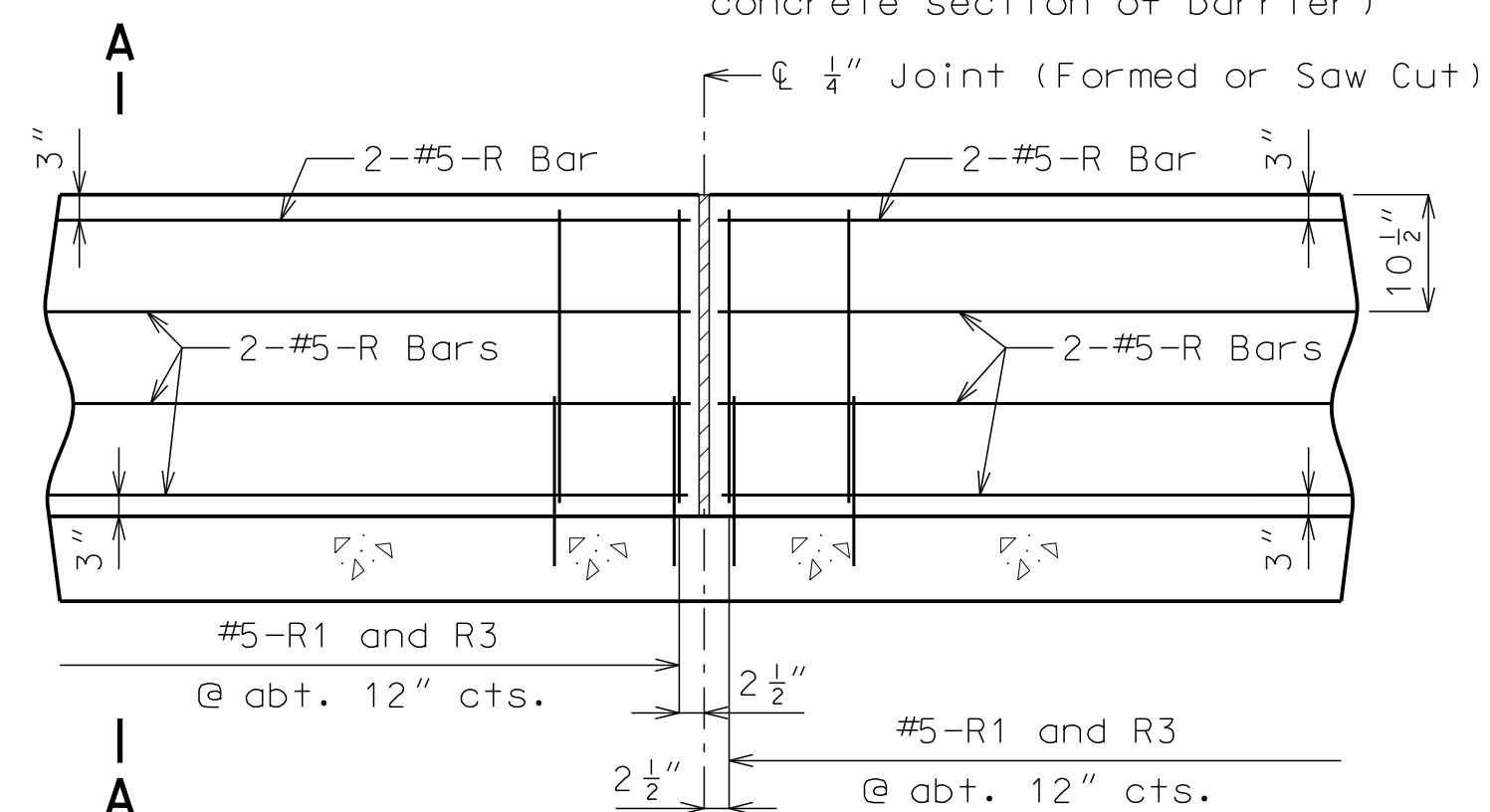


BAR BENDING DIAGRAM

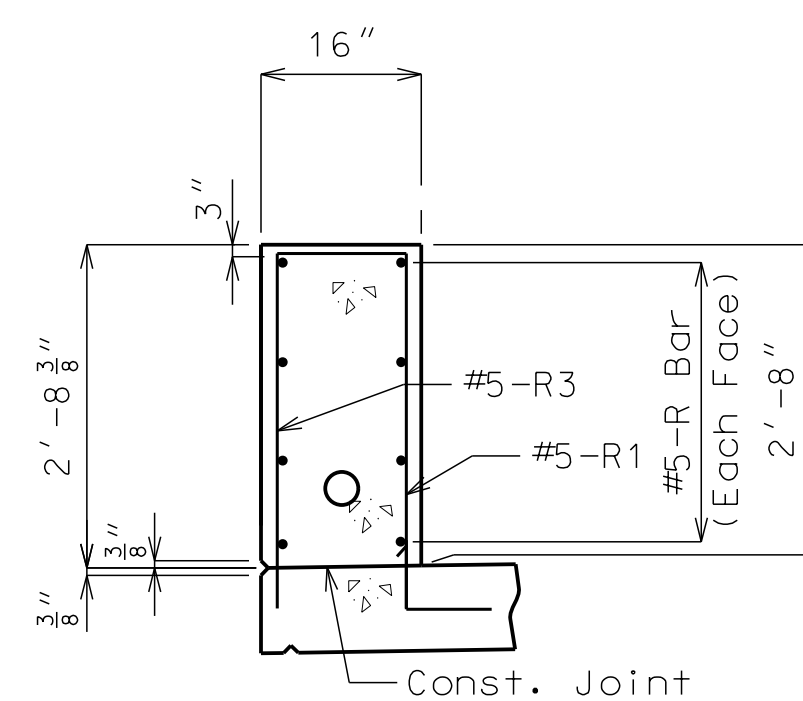


R-BAR PERMISSIBLE ALTERNATE SHAPE

※※ The R3 bar and #5 bottom transverse slab bar in cantilever (P/S panels only) combination may be furnished as one bar as shown, at the contractor's option.



PART ELEVATION OF BARRIER CURB



SECTION A-A

The cross-sectional area above the slab = 3.56 sq. ft.

CONVENTIONAL-FORMED BARRIER CURB

Note: This drawing is not to scale. Follow dimensions.

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www.gbteam.com

DATE: 07-29-20	
DESIGN BY: JJM	
DRAWN BY: DWM	
PROJECT NO.: 12720	
SHEET NO.	TOTAL SHEETS

21 | 30

JOSHUA J. MILLER
PROFESSIONAL ENGINEER
PE-2009010386

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Paragon Star Development
Lee's Summit, Missouri

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SECTION A-A

SECTION B-B

SECTION C-C

K10
** Varies 8" to 2'-10"

General Notes

Concrete traffic barrier delineators shall be placed on top of the barrier curb as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617 of the Missouri Standard Specifications for Highway Construction. Delineators on bridges with two-lane, two way traffic shall have retroreflective sheeting on both sides.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2".

CONVENTIONAL-FORMED LEFT BARRIER CURB
AT END BENTS ON CONCRETE APPROACH SLAB

Note: This drawing is not to scale. Follow dimensions.

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SECTION A-A

SECTION B-B

SECTION C-C

K1
**Varies 1'-10" to 4'-0"

ELEVATION
END BENT NO. 1

ELEVATION
END BENT NO. 1

ELEVATION
END BENT NO. 4

ELEVATION
END BENT NO. 4

PLAN
END BENT NO. 1

PLAN
END BENT NO. 1

PLAN
END BENT NO. 4

PLAN
END BENT NO. 4

General Notes

Concrete traffic barrier delineators shall be placed on top of the barrier curb as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617 of the Missouri Standard Specifications for Highway Construction. Delineators on bridges with two-lane, two way traffic shall have retroreflective sheeting on both sides.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1½".

CONVENTIONAL-FORMED RIGHT BARRIER CURB AT END BENTS ON WING

Note: This drawing is not to scale. Follow dimensions.

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SHEET
NO.

24

TOTAL
SHEETS

30

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ELEVATION
(Looking North)
(Pedestrian Fence not shown for clarity. See Architectural Sheets.)

Notes:

For details of Light Support and Barrier reinforcement, see Sheet No. 26.

For conduit details, see Sheets No. 26 and 27.

For light standards, light baseplate, and wiring, see Lighting Plans sheet.

For curb and raised median details, see Sheet No. 25.

For aesthetic details and connections, see Architectural Sheets.

PLAN
GENERAL PLAN AND ELEVATION OF AESTHETIC DETAILS, LIGHTING, AND CONDUIT

Note: This drawing is not to scale. Follow dimensions.

DETAIL A

DETAIL B

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SHEET NO.

25

TOTAL SHEETS

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PART ELEVATION AT FORMED JOINT

1"Ø PVC pipe with screen and geotextile cover to prevent sand escape, approx. 10' spacing.

TYPICAL SECTION

6'-0" (Total width)
3'-0" (Pavement width)
1" Sand
Pavers per Paragon Standards
R = 1"
16" Lap Splice (Typ.)
#4P4 Spa. @ 18"
#4P2
#4P1 Drill & Grout @ 18"
#4P3 (Typ.) (20" Min. Lap)
#4P1 Spa. @ 18" Ea. Direction
#4P3 Spa. @ 18"
2" Deck
8 1/2" Deck
1/4" Joint Filler (Sec 1057)
Ø Girder
4

SIDEWALK CURB DETAIL ON CONCRETE APPROACH SLAB

6"x3" Curb
Const. Joint
Pedestrian Fence
Edge of Slab
#4 - S100
#4 - S101 @ 12"
3"
8 1/2"

For curb extents see Sheet No. 24. Curb joints are similar to barrier curb joints.

SIDEWALK CURB DETAIL ON WING

6"x3" Curb
Const. Joint
Pedestrian Fence
Edge of Slab
#4 - S100
#4 - S101 @ 12"
3"
8 1/2"

For curb extents see Sheet No. 24. Curb joints are similar to barrier curb joints.

PLAN OF MEDIAN ON BRIDGE & APPROACH SLAB

6'-3 1/4"
10'-0"
10'-0"
38'-9"
Ø Int. Bent No. 3
Ø End Bent No. 4
Ø 1/4" Joint Filler
Ø Roadway & Profile Grade
6'-0" Median
6"
6"
3'-0"
Ø 3'-0" x 18" Sleeper Slab and Ø 3/4" Joint Filler
End of Slab
Front Face of End Bent No. 4
Approach Slab

Note:
See Street Plans for median details and extents.

MEDIAN AND CURB DETAILS

Note: This drawing is not to scale. Follow dimensions.

Notes:

Cost of furnishing and placing anchor bolts for light standard will be considered completely covered by the contract lump sum price for the bridge.

All conduits shall be rigid nonmetallic schedule 40 heavy wall polyvinyl chloride (PVC) with 3" minimum cover in concrete. Each section of conduit shall bear the Underwriters Laboratories (UL) label.

All conduit clamps for conduits not encased in concrete shall be commercially-available, nonmetallic conduit clamps and approved by the engineer.

Anchor bolts and nuts shall be ASTM F1554 Grade 55. Anchor bolts, nuts and washers shall be fully galvanized.

Shift reinforcing steel in field where necessary to clear conduit and junction boxes.

Light standards, wiring and fixtures shall be furnished and installed by others.

For details of light standards, light baseplate, and wiring, see Lighting Plans sheet.

Contractor shall verify the bolt size and pattern in accordance with the light pole manufacturer's specifications prior to placing the anchor bolts.

Payment for light supports, concrete, and reinforcing steel will be completely covered by the contract lump sum price for the bridge.

Expansion fittings shall be placed as shown and set in accordance with the manufacturer's requirements and based on the air temperature at the time of setting given an estimated total expansion movement of 1 inch using a maximum temperature range of 120°F and a maximum temperature of 110°F. Additional expansion fittings beyond what is specified on the bridge plans shall be provided and placed in accordance with the conduit manufacturer's recommendations.

Use "surface" mounting, except adjacent to sidewalks, where mounting box on existing concrete. Use "flush" mounting where box is to be encased in concrete.

All end bent, intermediate bent, and barrier junction boxes shall be PVC molded in accordance with Sec 1062 and designed for flush surface mounting. The conduit terminations shall be permanent or separable. The terminations and covers shall be of watertight construction and shall meet requirements for NEMA 4 enclosure.

Placement of junction boxes and covers, complete in place, shall be flush with the pedestrian face of barrier. Junction boxes and covers may be recessed up to 1/4".

Weep holes shall be provided at low points or other critical locations to drain any moisture in the conduit system. Conduit shall be sloped to drain.

Drainage shall be provided at low points or other critical locations of all conduits and all junction boxes in accordance with Sec 707. All conduits shall be sloped to drain where possible.

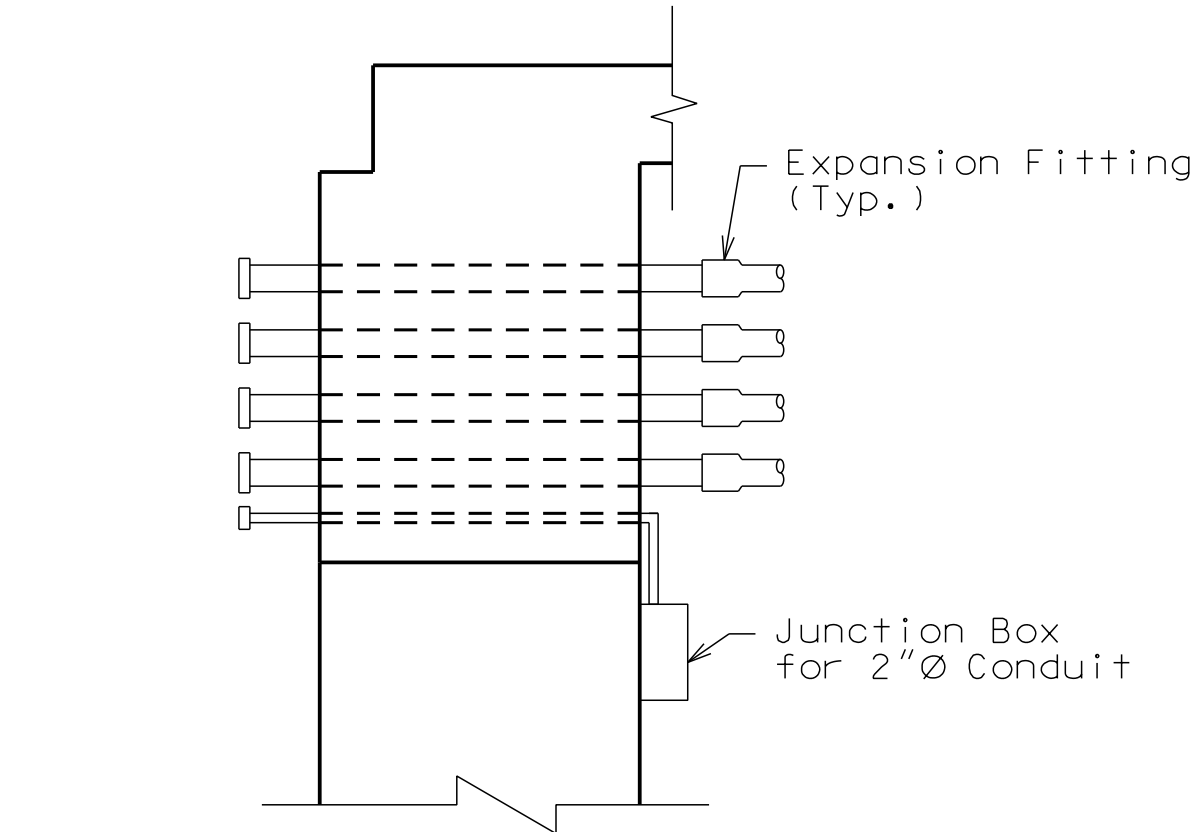
All 1" and 2" diameter conduits shall be secured to concrete with nonmetallic clamps at about 5'-0" cts. Concrete anchors for clamps shall be in accordance with Federal Specification FF-S-325, Group II, Type 4, Class I and shall be galvanized in accordance with ASTM A153, B695-91 Class 50 or stainless steel. Minimum embedment in concrete shall be 1 3/4". The supplier shall furnish a manufacturer's certification that the concrete anchors meet the required material and galvanizing specifications.

Junction box size shown on plan may require special order. No other size may be substituted.

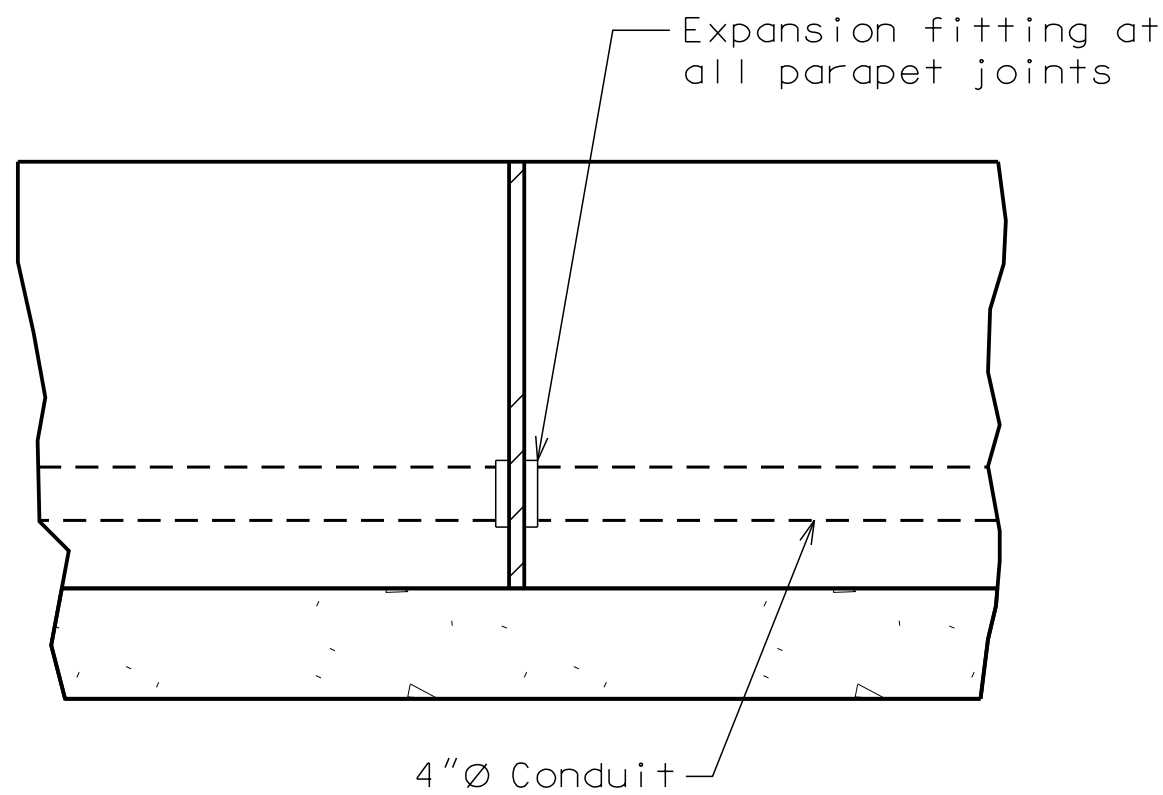
City Construction Personnel: Indicate in field and on bridge plans for future work the exact location of buried conduit at ends of bridge that are capped and not immediately used.

Payment for furnishing and installing light supports, concrete and reinforcing steel, and Conduit System, complete in place, will be considered completely covered by the contract lump sum price for the bridge.

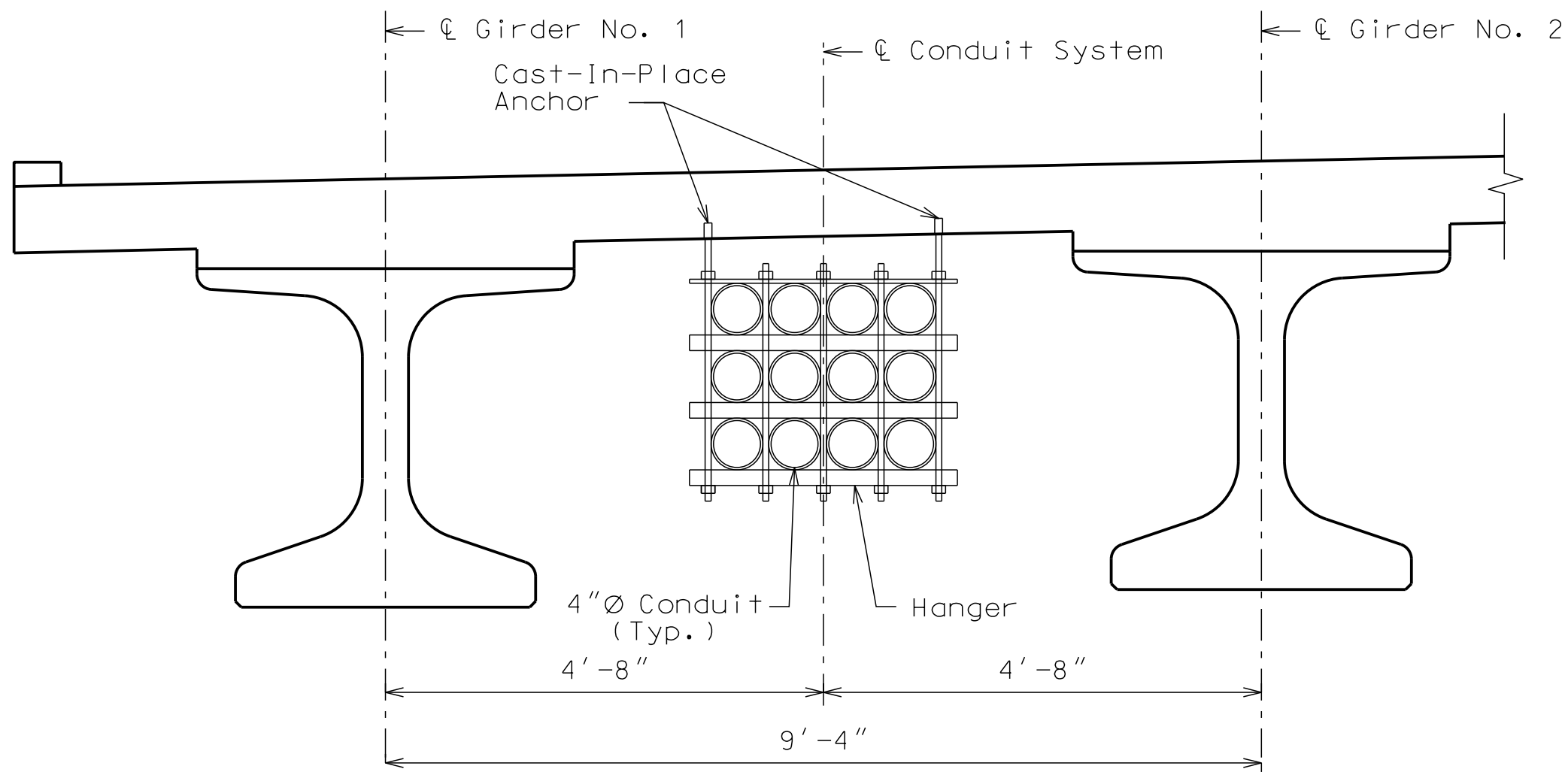
Cast-in-place anchors for the 12-duct conduit system shall be designed per the conduit hanger's engineer and the design shall be signed and sealed by a registered Professional Engineer in the State of Missouri. The design and details shall be submitted to the owner for review a minimum for four weeks prior to the start of fabrication.



TYPICAL SECTION AT END BENT
SHOWING CONDUIT SYSTEM



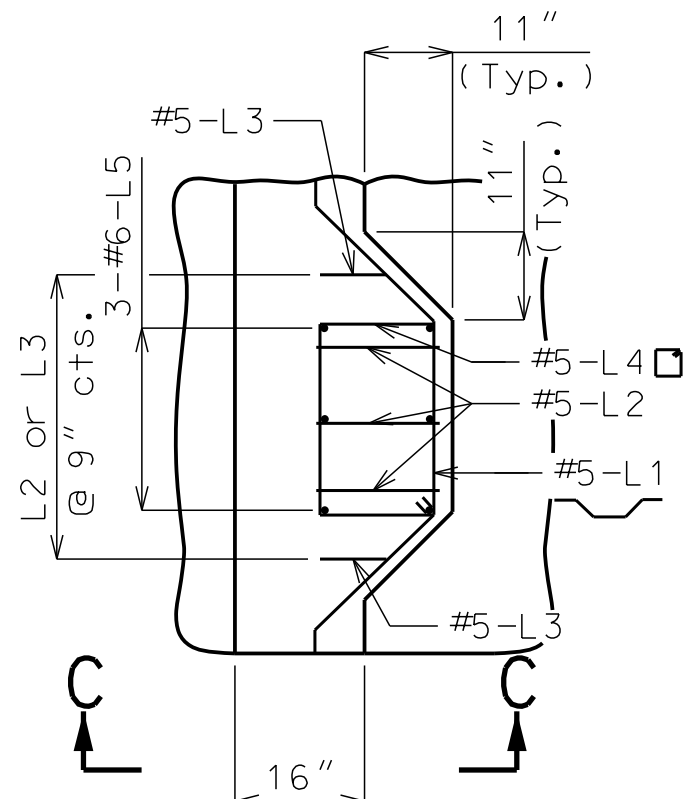
EXPANSION FITTING DETAIL



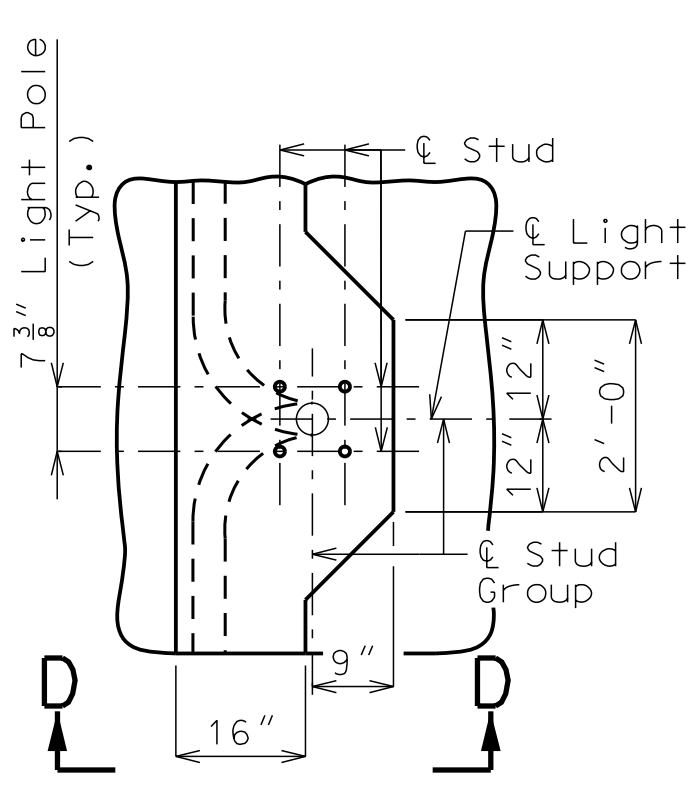
CONDUIT SYSTEM HANGER DETAIL

CONDUIT DETAILS

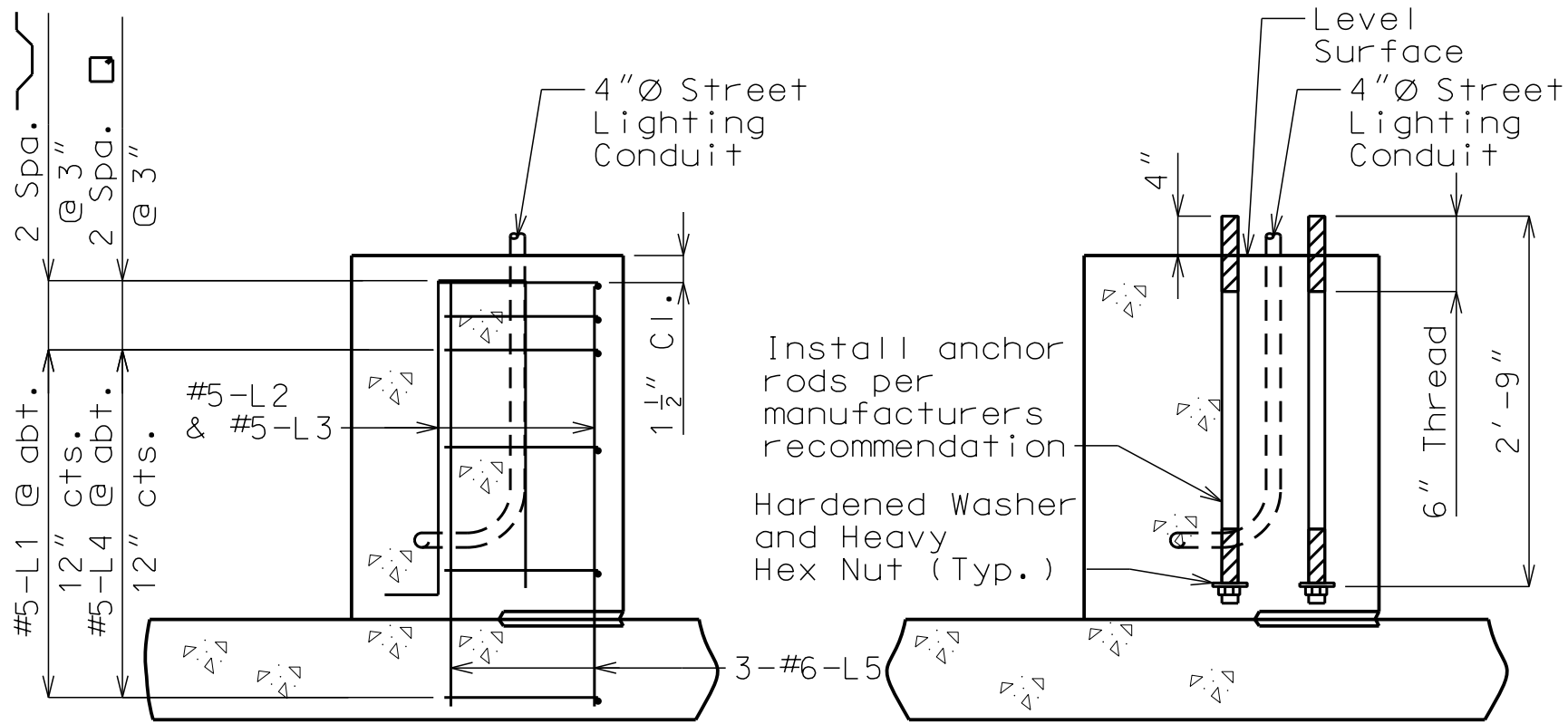
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	DATE: 07-29-20	
	DESIGN BY: JJM	
	DRAWN BY: DWM	
26	PROJECT NO.: 12720	
	SHEET NO.	TOTAL SHEETS
	30	
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PART PLAN C-C



PART PLAN D-D

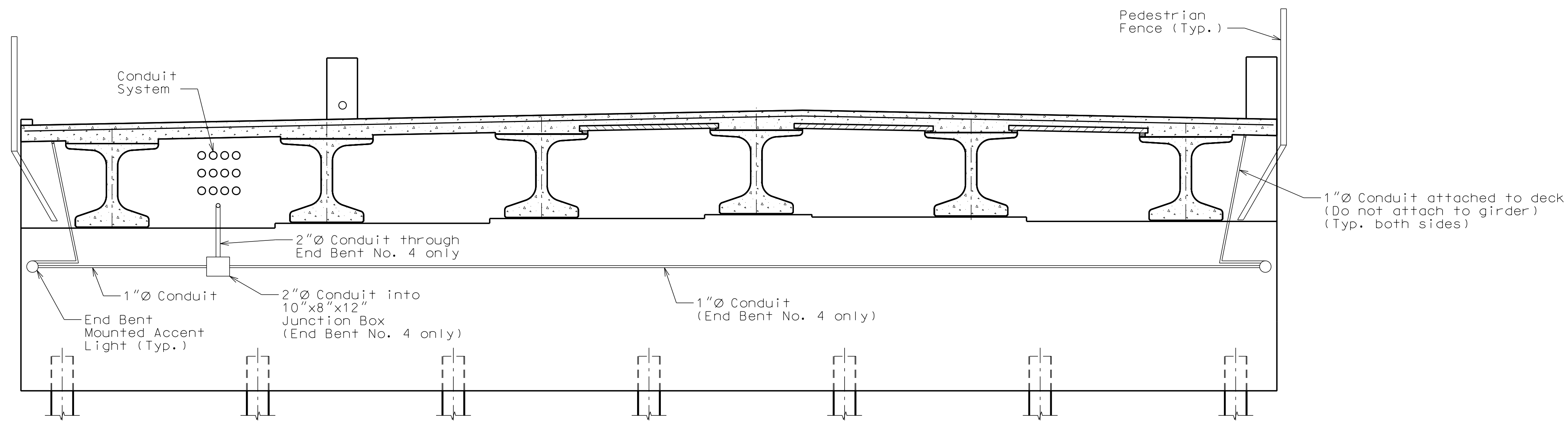


SECTION C-C

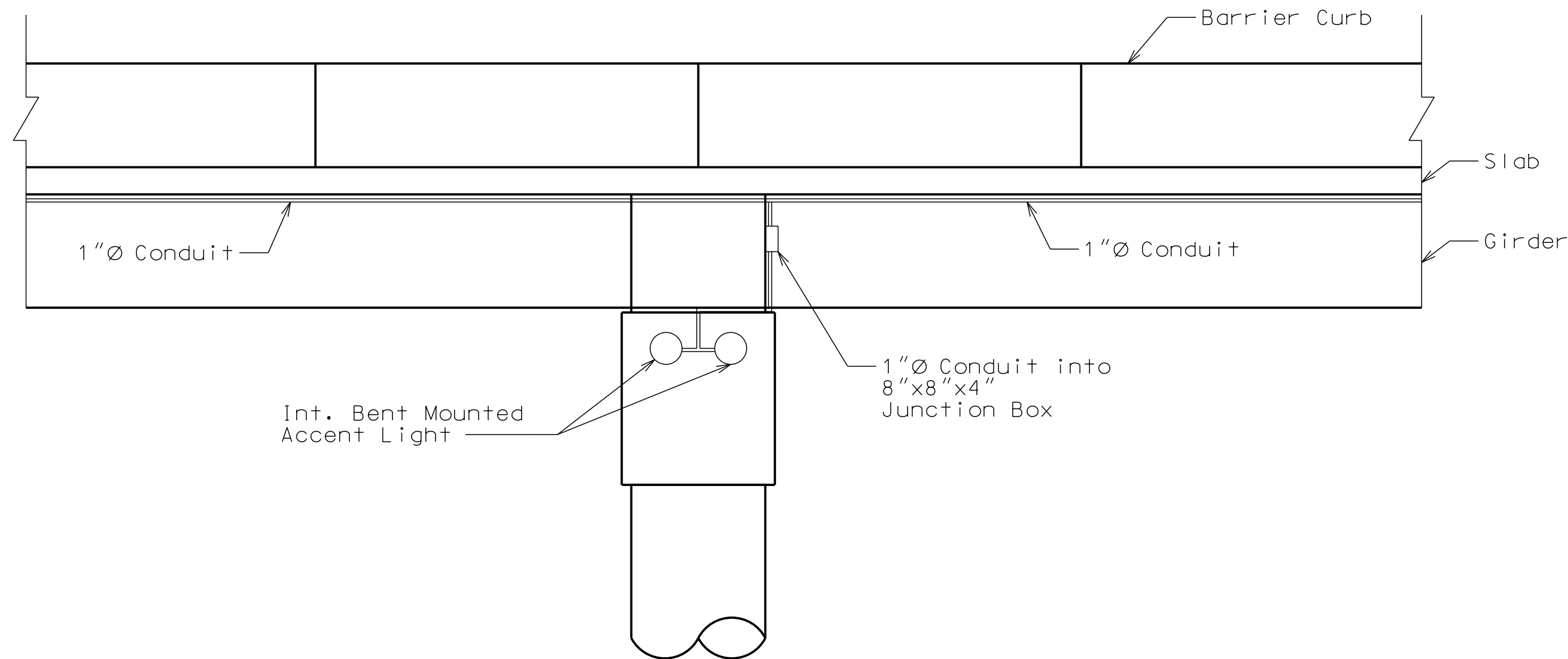
SECTION D-D

(Conduit not shown for clarity)

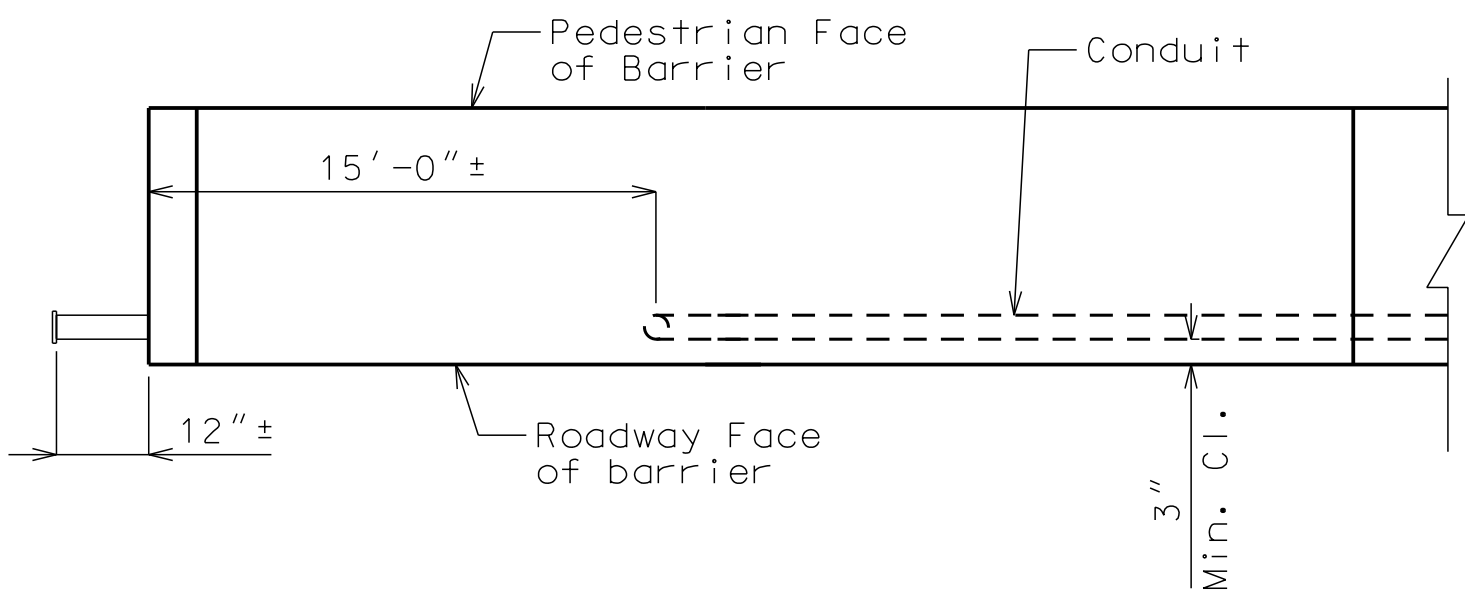
LIGHT SUPPORTS ON LEFT BARRIER



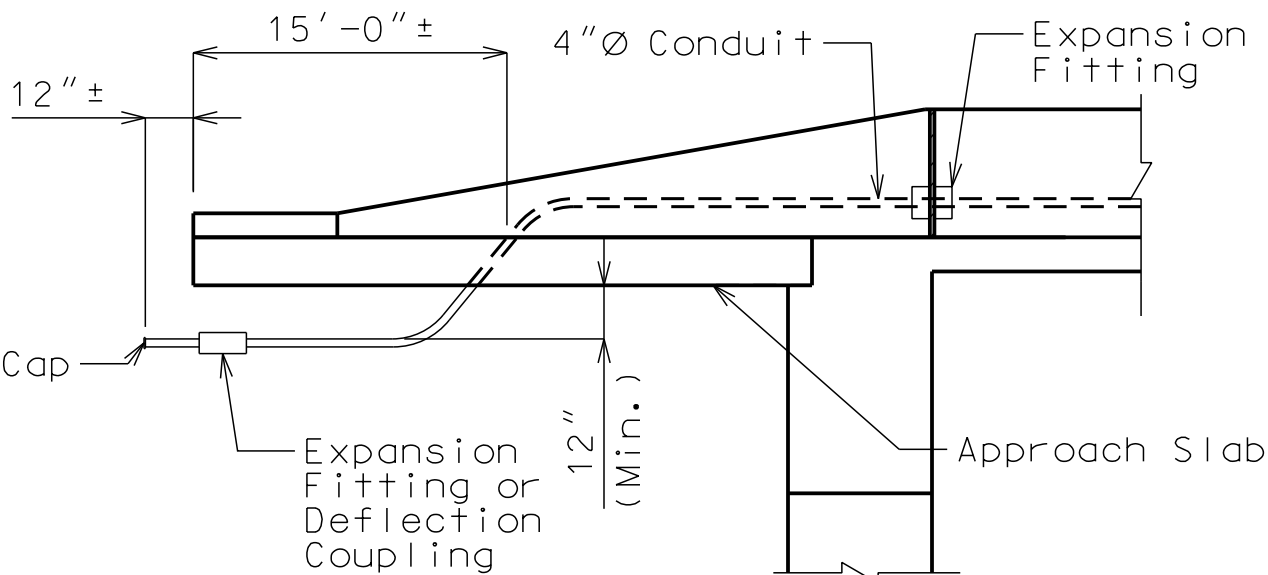
TYPICAL END BENT ELEVATION SHOWING LIGHTING AND CONDUIT
(End Bent No. 4 shown, End Bent No. 1 similar)



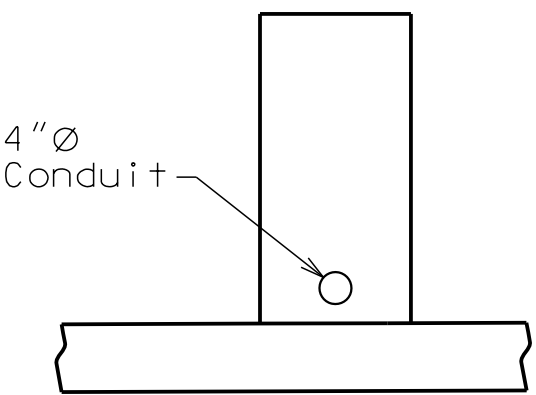
TYPICAL INT. BENT ELEVATION SHOWING LIGHTING AND CONDUIT
(Right fascia shown, left fascia similar)



PLAN AT LEFT BARRIER CURB
(Right barrier at End Bent No. 1 shown, right barrier at End Bent No. 4 similar)



ELEVATION SHOWING CONDUITS NEAR END BENTS AT LEFT BARRIER CURB
(Left barrier at End Bent No. 1 shown, Left barrier at End Bent No. 4 similar)



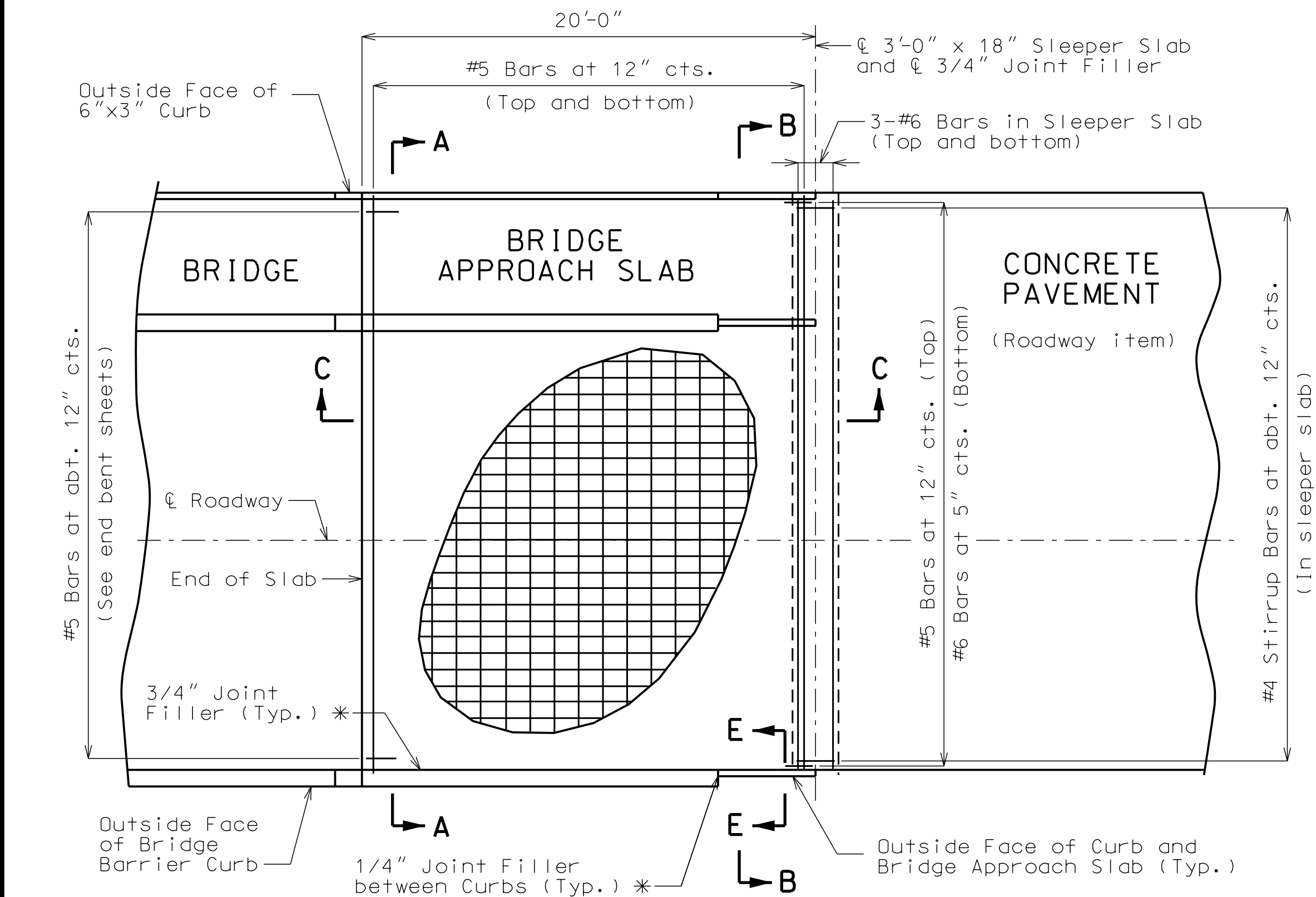
TYPICAL SECTION OF LEFT BARRIER CURB

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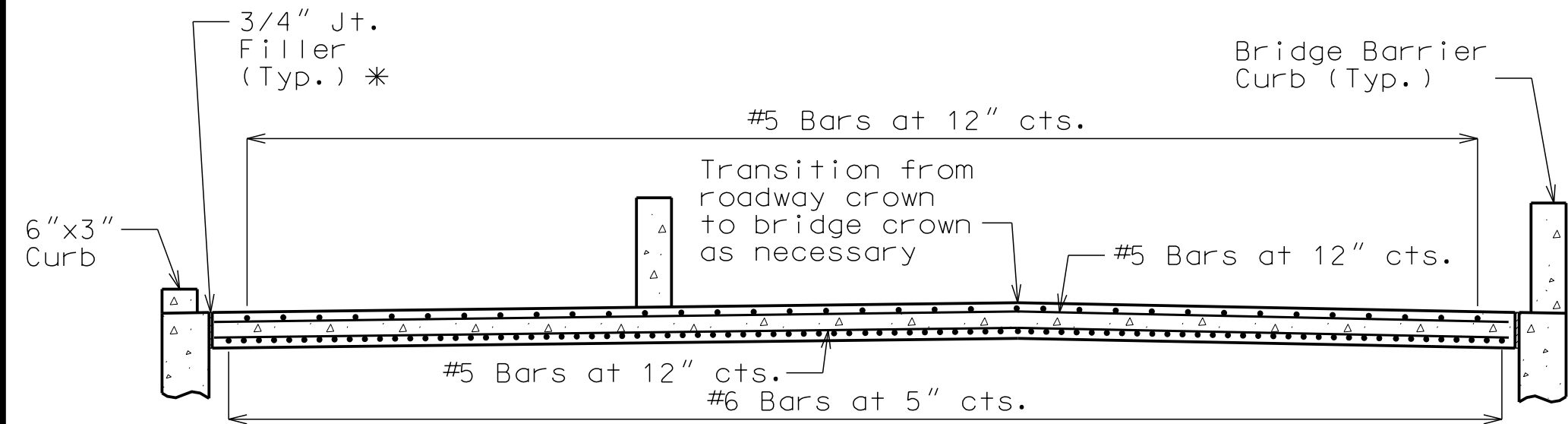
CONDUIT DETAILS

Note: This drawing is not to scale. Follow dimensions.

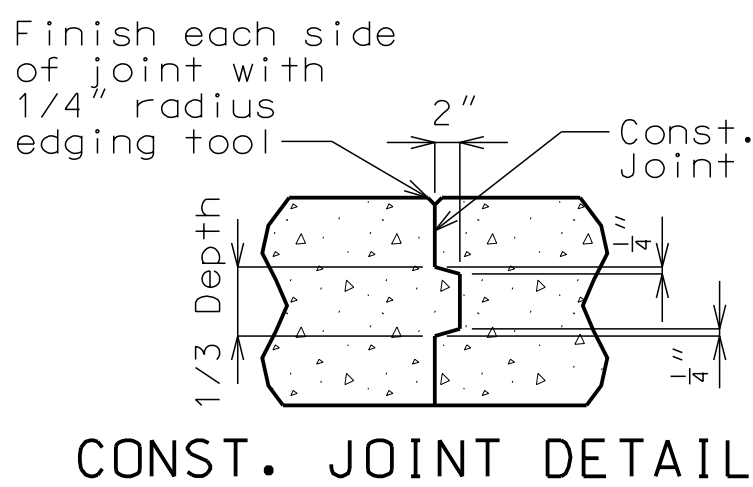
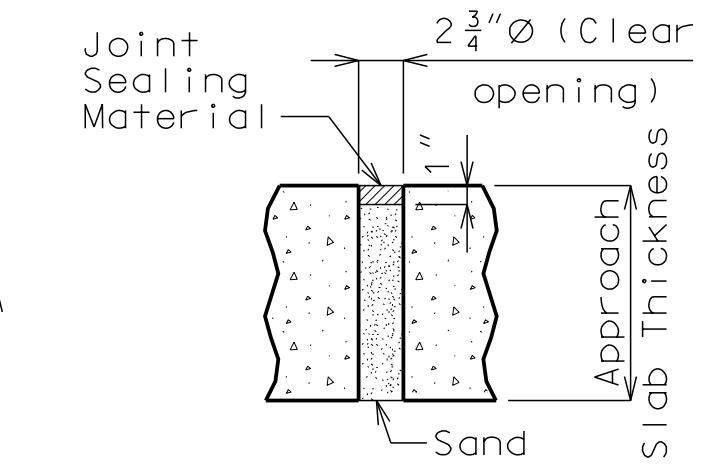
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		PROJECT NO.: 12720	
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28	30		
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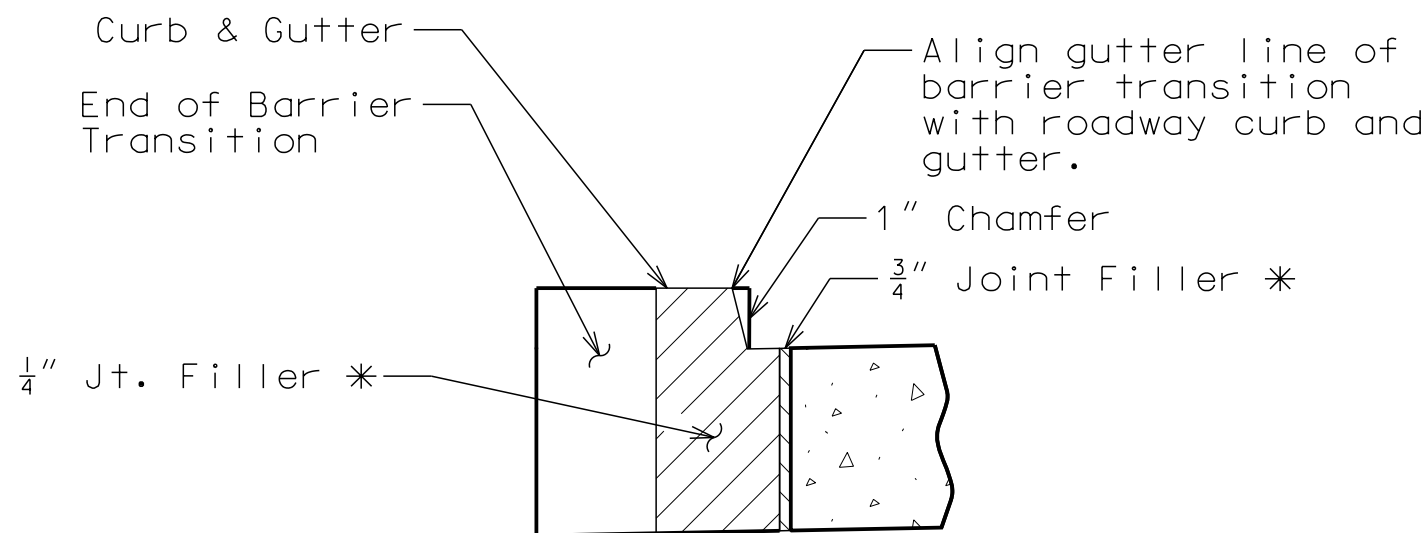
PART PLAN SHOWING REINFORCEMENT



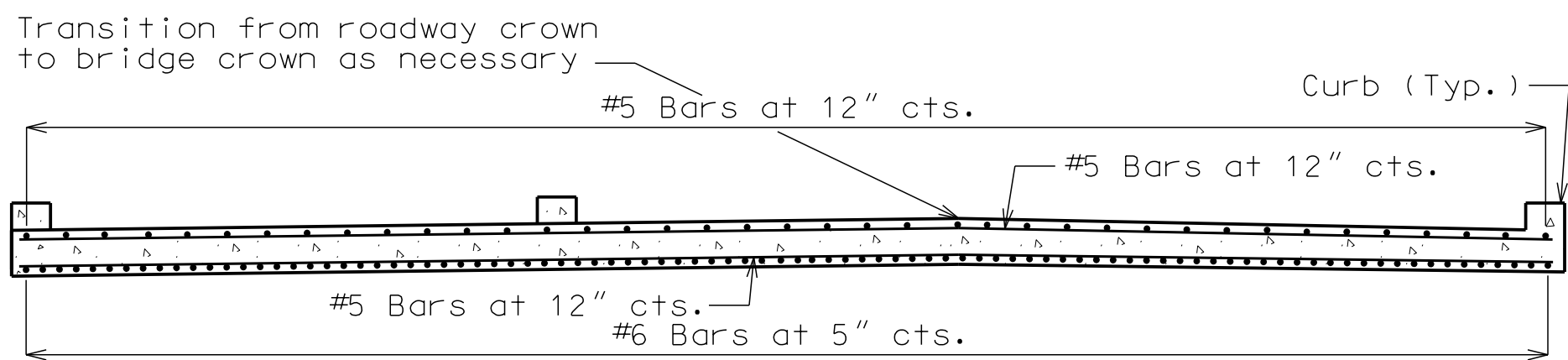
SECTION A-A



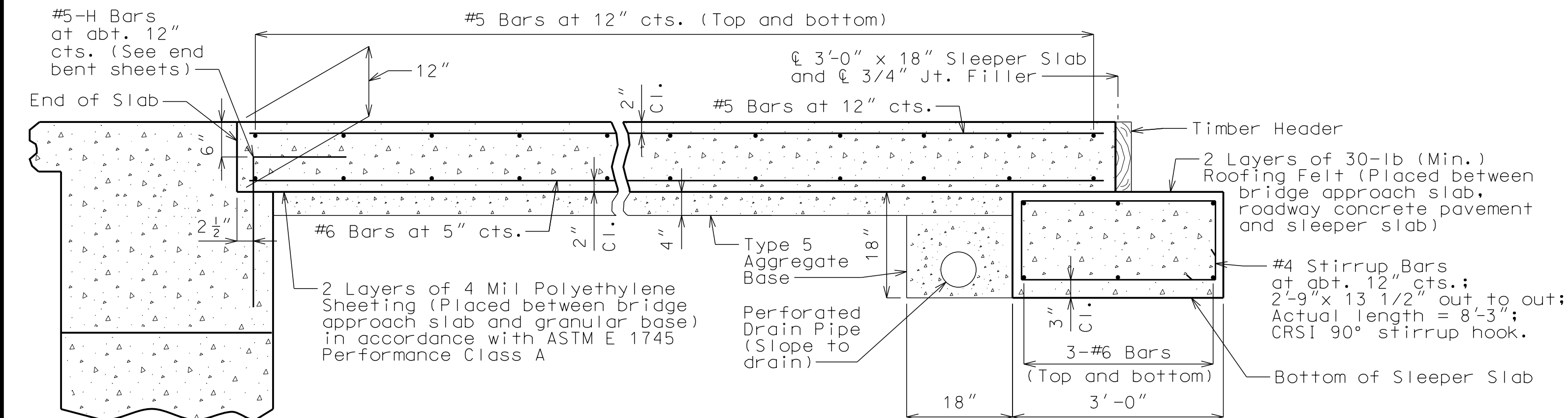
UNDERSEAL ACCESS HOLE DETAIL (If required)



SECTION E-E (Between curbs)

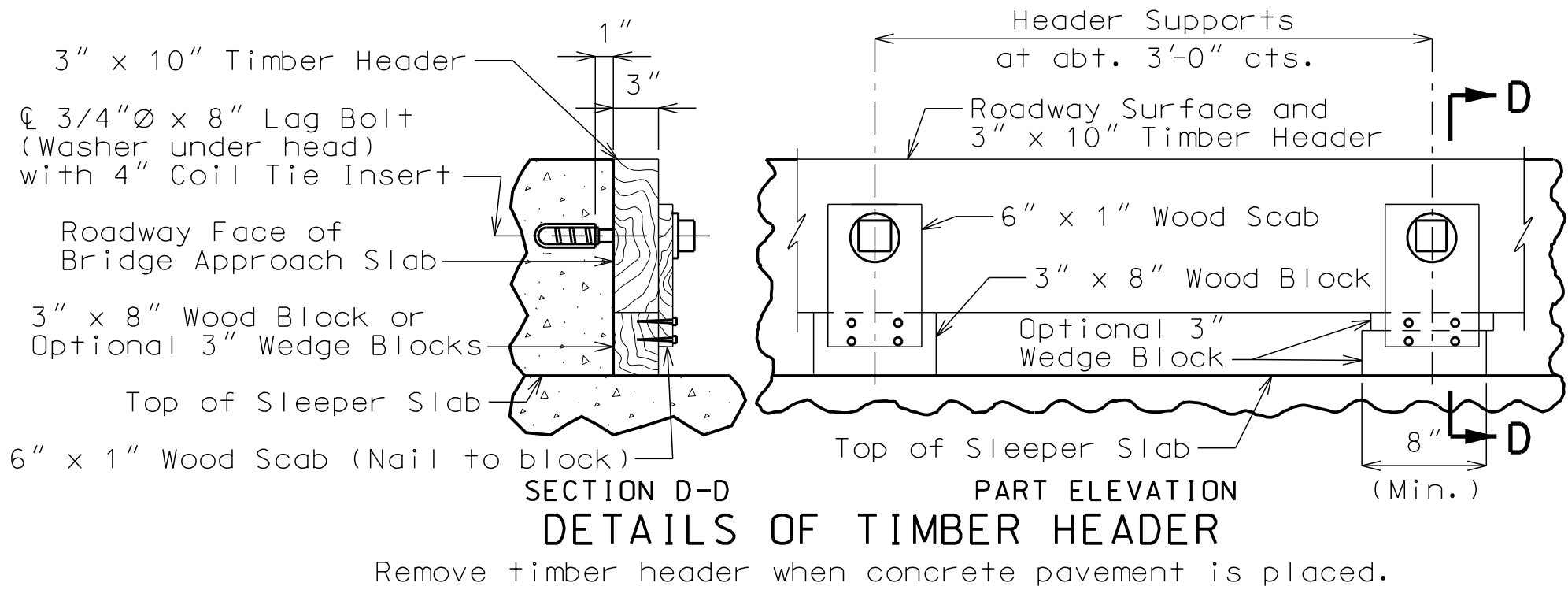


SECTION B-B



SECTION C-C

DETAILS OF BRIDGE APPROACH SLAB (MAJOR ROAD)



General Notes:

- All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).
- The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with fy = 60,000 psi.
- Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.
- Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.
- The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by lap splicing the #5 bars 29".
- All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.
- The contractor shall pour and satisfactorily finish the bridge before pouring the bridge approach slab.
- For Concrete Approach Pavement details, see Street plans.
- See Street Plans for details of Curb on Approach Slab.
- Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract lump sum price for the bridge.
- * Seal joint between vertical face of approach slab and wing with "Silicone Joint Sealant for Saw Cut and Formed Joints" in accordance with Sec 717.

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL 02195051 PARAGON STAR BRID.GPJ TERRACON_DATATEMPLATE.GDT 7/16/19

BORING LOG NO. B-5													Page 1 of 1		
PROJECT: Paragon Star Bridges						CLIENT: GBA Lenexa, KS									
SITE: I-470 and View High Drive Lee's Summit, MO															
MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan				DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS	UNCONFINED COMPRESSIVE STRENGTH (tsf)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS	PERCENT FINES
		Latitude: 38.9389° Longitude: -94.4442°												LL-PL-PI	
		Approximate Surface Elev.: 802 (Ft.) +/-													
		DEPTH ELEVATION (Ft.)													
		0.5 6" ROOT ZONE 801.5+/-													
		LEAN CLAY (CL), brown to gray, medium stiff - with organics to 1.5 feet													
		5													
		- very soft to soft, with fine sand below 8 feet													
		10													
		15													
		20													
		25													
		30													
		35													
		40													
		45													
		48.7													
		Boring Terminated at 48.7 Feet													
Stratification lines are approximate. In-situ, the transition may be gradual. Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.															
Advancement Method: 0 to 10 ft: Continuous Flight Augers 10 to 48.7 ft.: Wash Bore						See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).				Notes:					
Abandonment Method: Boring backfilled with Auger Cuttings						See Supporting Information for explanation of symbols and abbreviations. Elevations were interpolated from a topographic site plan.									
WATER LEVEL OBSERVATIONS						Terracon				Boring Started: 07-01-2019 Drill Rig: 884 Project No.: 02195051					
8 ft. while drilling										Boring Completed: 07-01-2019 Driller: DB					
7 ft. at completion															

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL 02195051 PARAGON STAR BRID.GPJ TERRACON_DATATEMPLATE.GDT 7/16/19

BORING LOG NO. B-7													Page 1 of 1		
PROJECT: Paragon Star Bridges						CLIENT: GBA Lenexa, KS									
SITE: I-470 and View High Drive Lee's Summit, MO															
MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan				DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS	UNCONFINED COMPRESSIVE STRENGTH (tsf)	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS	PERCENT FINES
		Latitude: 38.9389° Longitude: -94.4435°												LL-PL-PI	
		Approximate Surface Elev.: 816 (Ft.) +/-													
		DEPTH ELEVATION (Ft.)													
		0.5 6" ROOT ZONE 815.5+/-													
		LEAN CLAY (CL), with fine sand, brown to gray, medium stiff													
		5													
		- very soft to soft below 8.5 feet													
		10													
		15													
		20													
		25													
		30													
		35													
		40													
		45													
		48.7													
		Boring Terminated at 48.7 Feet													
Stratification lines are approximate. In-situ, the transition may be gradual. Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.															
Advancement Method: 0 to 10 ft: Continuous Flight Augers 10 to 48.7 ft.: Wash Bore						See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).				Notes:					
Abandonment Method: Boring backfilled with Auger Cuttings						See Supporting Information for explanation of symbols and abbreviations. Elevations were interpolated from a topographic site plan.									
WATER LEVEL OBSERVATIONS						Terracon				Boring Started: 07-02-2019 Drill Rig: 884 Project No.: 02195051					
8.5 ft. at completion										Boring Completed: 07-02-2019 Driller: DB					

BORING DATA

Note: For locations of borings, see Sheet No. 1.

Note: This drawing is not to scale. Follow dimensions.

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JOSHUA J. MILLER
PROFESSIONAL ENGINEER
PE-2009010386

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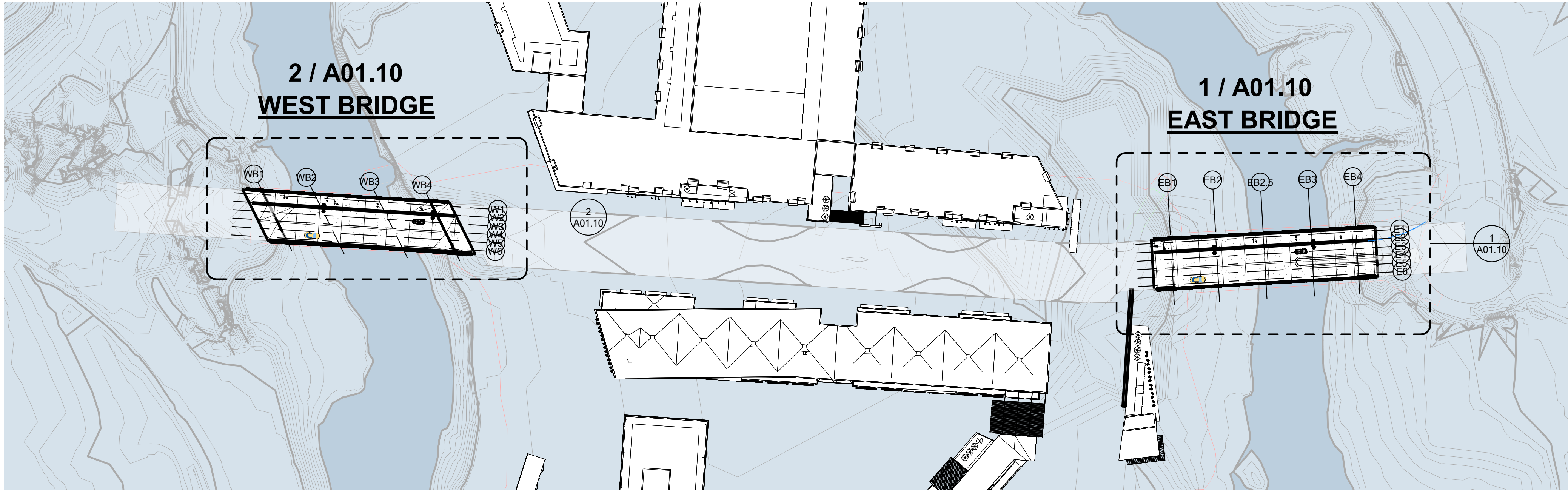
DATE: 07-29-20
DESIGN BY: JJM
DRAWN BY: DWM
PROJECT NO.: 12720

SHEET NO. 30
TOTAL SHEETS 30

East Bridge Plans
Paragon Star Development
Lee's Summit, Missouri

REVISIONS BY APPROVED

Plotted 7/29/2020 9:01:16 AM -- BIM 360://12720.62 ParagonStar_Bridges/12720.61_ParagonStar_Bridges_Site.rvt



1
A01.00

SITE PLAN - ARCHITECTURAL

SCALE : 1" = 80'-0"

2

GENERAL NOTES

- "A" SERIES DRAWINGS PERTAIN TO, BUT ARE NOT LIMITED TO: RAIL, RAIL STRUCTURE, RAIL FINISHES, AND BRIDGE LIGHTING.
- ALL SPOT ELEVATIONS ARE TO STATE BASE PLANE COORDINATES USED BY THE BRIDGE AND CIVIL SCOPES.
- ALL SPOT ELEVATIONS ARE FOR GENERAL COORDINATION PURPOSES ONLY. REFERENCE CIVIL AND BRIDGE SCOPES FOR OFFICIAL ELEVATIONS.
- ALL WELDS ARE TO BE CONTINUOUS AND WATER TIGHT U.N.O.
- ALL STEEL IS TO BE GALVANIZED. ANY GALVANIZING REMOVED DURING THE CONSTRUCTION OR INSTALLATION PROCESS SHALL BE REPAIRED WITH A ZINC-RICH PRIMER.
- ANY DIMENSIONS BETWEEN PRIMARY STRUCTURAL ELEMENTS (SUCH AS GRIDS) ARE FOR REFERENCE ONLY. REFERENCE BRIDGE STUCTURE DRAWINGS FOR OFFICIAL DIMENSIONS OF BRIDGE STRUCTURE. NOTIFY ARCHITECT OF ANY SIGNIFICANT DESCREPENCIES BETWEEN SCOPES.
- ALSO FOR REFERENCE ONLY ARE PORTRAYAL OF BRIDGE COMPONENTS, INCLUDING BUT NOT LIMITED TO: CONCRETE DECK, CURB TRANSITION BARRIERS, VEHICULAR BARRIERS, GIRDERS, PIER BEAMS, PIERS, ABUTMENTS, ABUTMENT WING WALLS, AND APPROACH SLABS. REFERENCE BRIDGE STUCTURE DRAWINGS FOR OFFICIAL DOCUMENTATION OF BRIDGE COMPONENTS.
- REFERENCE CIVIL DRAWINGS FOR ADJACENCT CIVIL SCOPE, INCLUDING BUT NOT LIMITED TO: ADJACENT STREET PAVING, CURBS, MEDIANS, AND STREET SIGNAGE.
- REFERENCE BRIDGE LIGHTING PACKAGE FOR ADDITIONAL LIGHTING INFORMATION AT BRIDGE DECK LIGHTING AND AT BRIDGE SIDE LIGHTING.

PROJECT-SPECIFIC TERMINOLOGY

- RAIL VERT** - A SINGLE VERTICAL STEEL MEMBER OR "PICKET" IN THE *RAIL ASSEMBLY*. *RAIL VERTS* MAKE UP THE BULK OF THE MEMBERS IN THE *RAIL ASSEMBLIES*.
- RAIL HORIZONTAL** - A CONTINUOUS STEEL MEMBER, MORE OR LESS HORIZONTAL, THAT CONNECTS MULTIPLE *RAIL VERTS* TO MAKE A RIGID *RAIL GUARD*.
- RAIL GUARD** - THE RIGID COLLECTION OF *RAIL VERTS* AND *RAIL HORIZONTALS*.
- BRIDGE DECK** - THE CONTINOUS HORIZONTAL CONCRETE SLAB THAT PROVIDES THE FINISH SURFACE FOR VEHICLES AND PEDESTRIANS ON THE BRIDGE.
- BRIDGE DECK EDGE ANGLE** - THE EMBEDDED STEEL SHAPE AT THE *BRIDGE DECK* EDGE PROVIDING FOR THE *RAIL ASSEMBLIES* ATTACHMENT TO THE DECK.
- WING WALL FACE PLATE** - SURFACE APPLIED PLATE AT ABUTMENT WINGS PROVIDING FOR THE *RAIL ASSEMBLIES* ATTACHMENT TO THE WING WALL.
- RAIL ANCHORAGE** - ANY CONNECTIVE STEEL INTERMEDIATE TO THE *RAIL GUARD* AND EITHER THE *BRIDGE DECK EDGE ANGLE* (*NORTH AND SOUTH BRIDGE DECK*), *WING WALL FACE PLATE* (*NORTH AND SOUTH WING WALLS*), OR *PEDESTRIAN BARRIER* (*MIDDLE RAILS*).
- RAIL ASSEMBLY** - A COLLECTION OF *RAIL VERTS*, *RAIL HORIZONTALS*, AND *RAIL ANCHORAGE* THAT IS SHOP FABRICATED INTO A SINGLE, RIGID CONSTRUCTION FOR HOT-DIP GALVANIZING. *RAIL ASSEMBLY* LENGTH SHALL BE DICTATED BY GALVANIZING TANK AVAILABLE TO THE WINNING CONTRACTOR.
- RAIL RUN** - REFERS TO A CONTINUOS COLLECTION OF SEQUENTIAL *RAIL ASSEMBLIES* ALONG A SINGLE PATH. BOTH THE WEST AND EAST BRIDGES HAVE *SOUTH*, *NORTH*, AND *MIDDLE RAIL RUNS*.

RAIL SHEET LIST

REV #	SHEET #	DESCRIPTION
	A01.00	GENERAL - SITE PLAN
	A01.10	PLANS
	A03.10	BRIDGE W - NORTH RAIL
	A03.11	BRIDGE W - SOUTH RAIL
	A03.12	BRIDGE W - MIDDLE RAIL
	A03.20	BRIDGE E - NORTH RAIL
	A03.21	BRIDGE E - SOUTH RAIL
	A03.22	BRIDGE E - MIDDLE RAIL
	A05.20	RAIL DETAILS
	A05.30	LIGHT MOUNT DETAILS
	A06.10	RAIL TYPES
	A06.11	SCHEDULE - BRIDGE W - N - RAIL
	A06.12	SCHEDULE - BRIDGE W - S - RAIL
	A06.13	SCHEDULE - BRIDGE W - M - RAIL
	A06.14	SCHEDULE - BRIDGE E - N - RAIL
	A06.15	SCHEDULE - BRIDGE E - S - RAIL
	A06.16	SCHEDULE - BRIDGE E - M - RAIL

CODE INFORMATION

- IBC 2018
GUARD RAIL
HEIGHT: 42" MINIMUM
WHERE REQUIRED: AT LOCATIONS OF ELEVATION CHANGE > 30".
STRUCTURAL RESISTANCE FOR HORIZONTAL FORCES
POINT LOAD: 200 LB
DESTRIBUTED LOAD: 50 LB / LF
MAXIMUM OPENING WIDTH: 4"

ITEMS TO BE ISSUED IN FORTHCOMING ADDENDUM

- END-OF-RUN RAIL SUPPORT DETAILS - (INCLUDES DRILLED AND EPOXY CONNECTIONS)
RAIL SUPPORT AT DETAIL AT LIGHT BASE LOCATION
RAIL HORIZONTAL LOCATIONS TO BE ADDED TO *VERT* SCHEDULES
BRIDGE SIDE LIGHT MOUNT DETAILS REFINEMENTS

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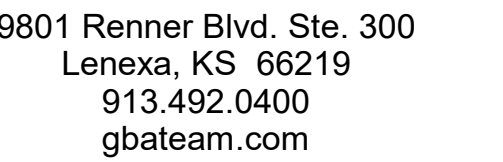
WEST BRIDGE PLANS

View High Dr, View High Pkwy, River Rd
Lee's Summit, MO

REV	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

PROJECT NUMBER 12720.62	
DATE 2020.07.29	
PLANS FOR FINAL APPROVAL	
DESIGNED:	NJC
DRAWN:	NJC
REVIEWED:	CLR
SHEET TITLE GENERAL - SITE PLAN	
SHEET NUMBER A01.00	
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PROJECT NUMBER
12720.62

ATE

2020.07.29

PLANS FOR FINAL APPROVAL

DESIGNED: NJC

DRAWN: NJC

REVIEWED: CLR

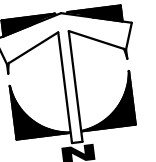
SHEET TITLE

PLANS

SHEET NUMBER

A01.10

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12720.62

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PLANS FOR FINAL APPROVAL

DESIGNED: NJC

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REVIEWED: CLR

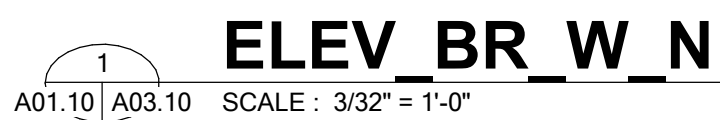
SHEET TITLE

BRIDGE W - NORTH RAIL

SHEET NUMBER

A03.10

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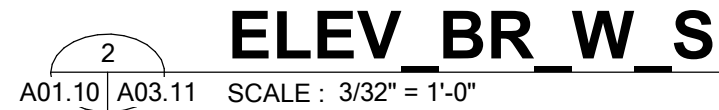
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BRIDGE W - SOUTH RAIL

SHEET NUMBER

A03.11

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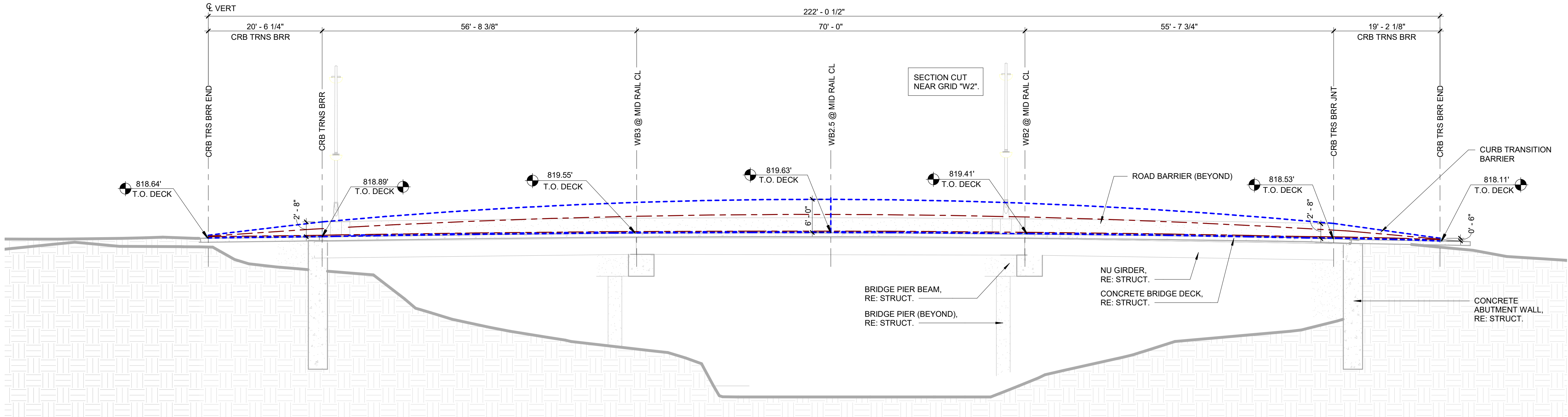
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SHEET TITLE

BRIDGE W - MIDDLE RAIL

SHEET NUMBER

A03.12



RAIL LAYOUT ELEVATION NOTES

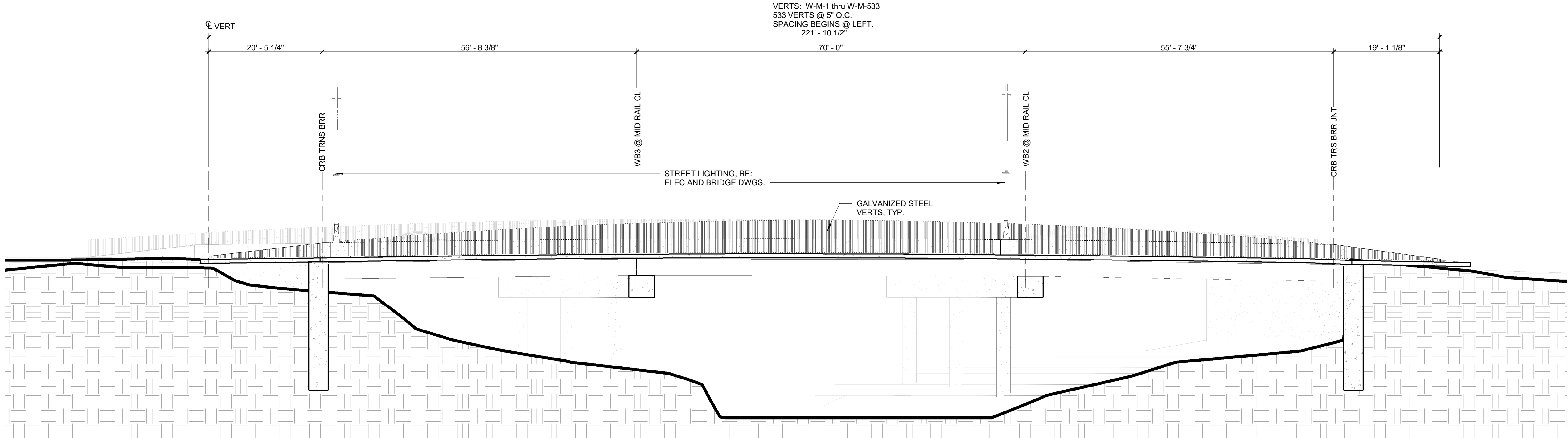
1. FOR RAIL HORIZONTALS H01 & H02 LOCATIONS,
RE: 01/A06.10 RAIL TYPES.

LAYOUT LINE LEGEND

TOP / BOTTOM RAIL LINE ---
BEND IN VERT LINE ---
RAIL HORIZONTAL LINE ---

ELEV_BR_W_M_LAYOUT

A01.10 A03.12 SCALE : 3/32" = 1'-0"



ELEV_BR_W_M

A01.10 A03.12 SCALE : 3/32" = 1'-0"

REV	DATE	DESCRIPTION

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PROJECT NUMBER
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DATE

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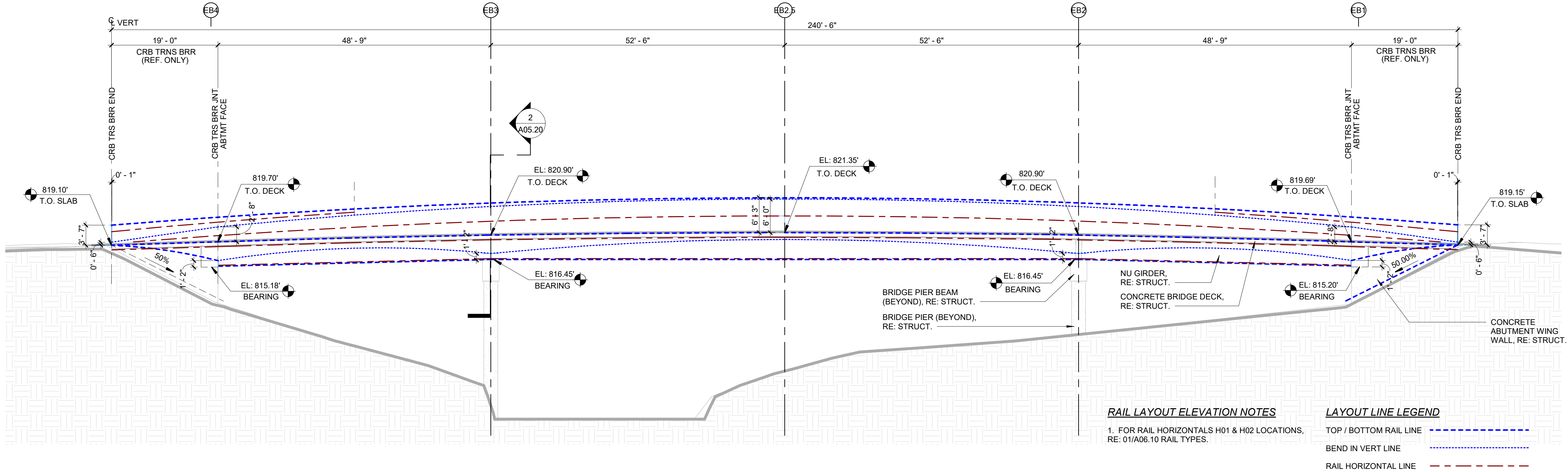
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SHEET TITLE

BRIDGE E - NORTH RAIL

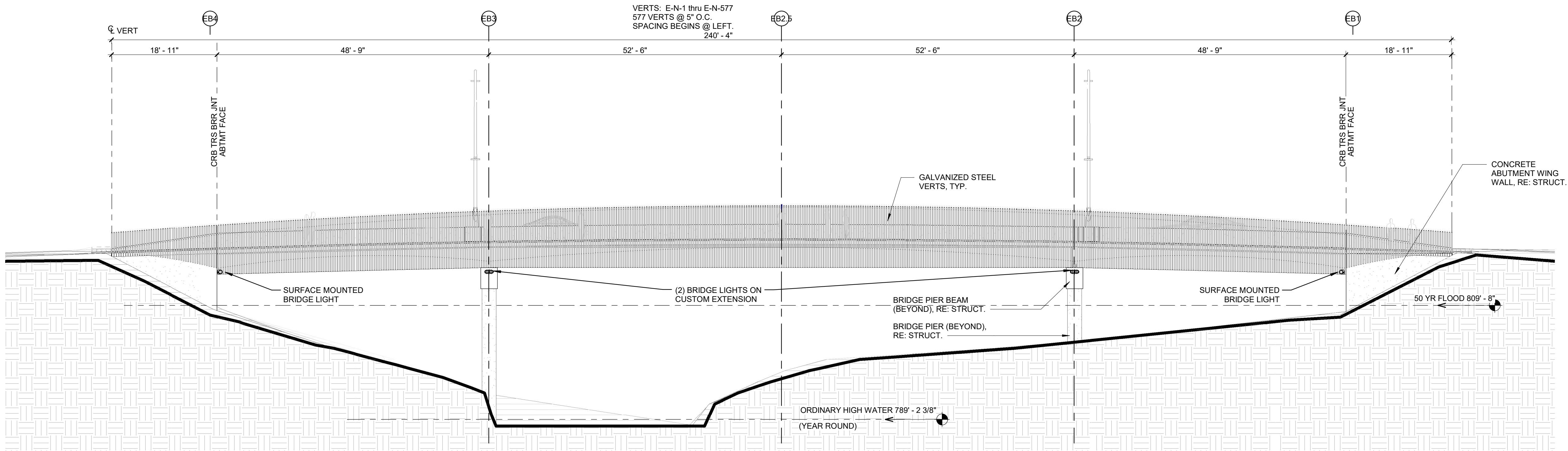
SHEET NUMBER

A03.20



ELEV BR E_N-LAYOUT

1
A01.10 | A03.20 SCALE: 3/32" = 1'-0"



ELEV BR E_N

2
A01.10 | A03.20 SCALE: 3/32" = 1'-0"

REV	DATE	DESCRIPTION

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PROJECT NUMBER
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DATE

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PLANS FOR FINAL APPROVAL

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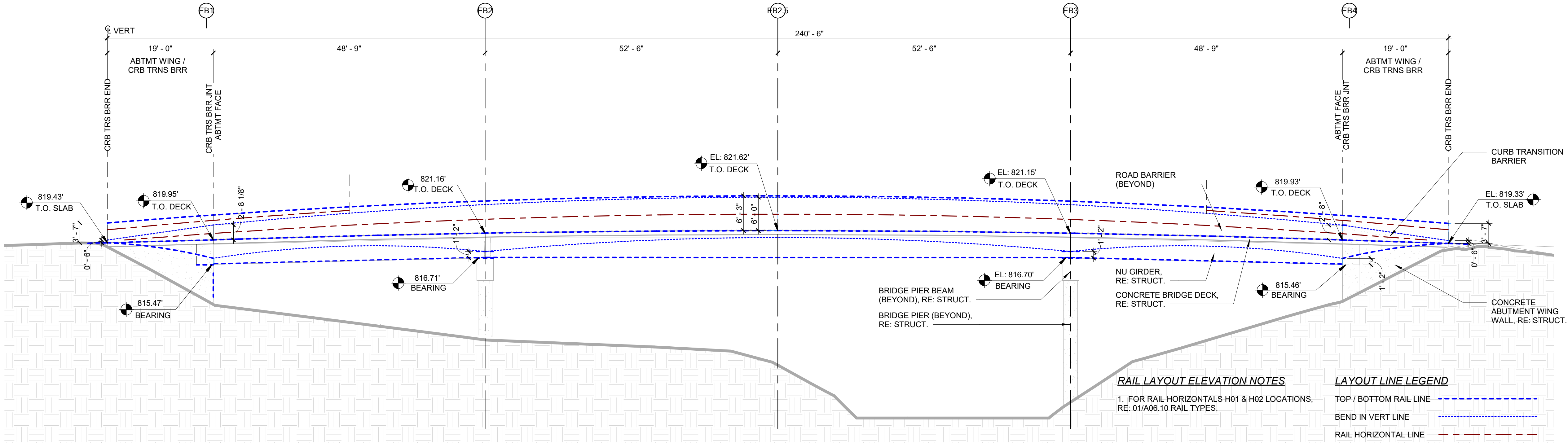
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SHEET TITLE

BRIDGE E - SOUTH RAIL

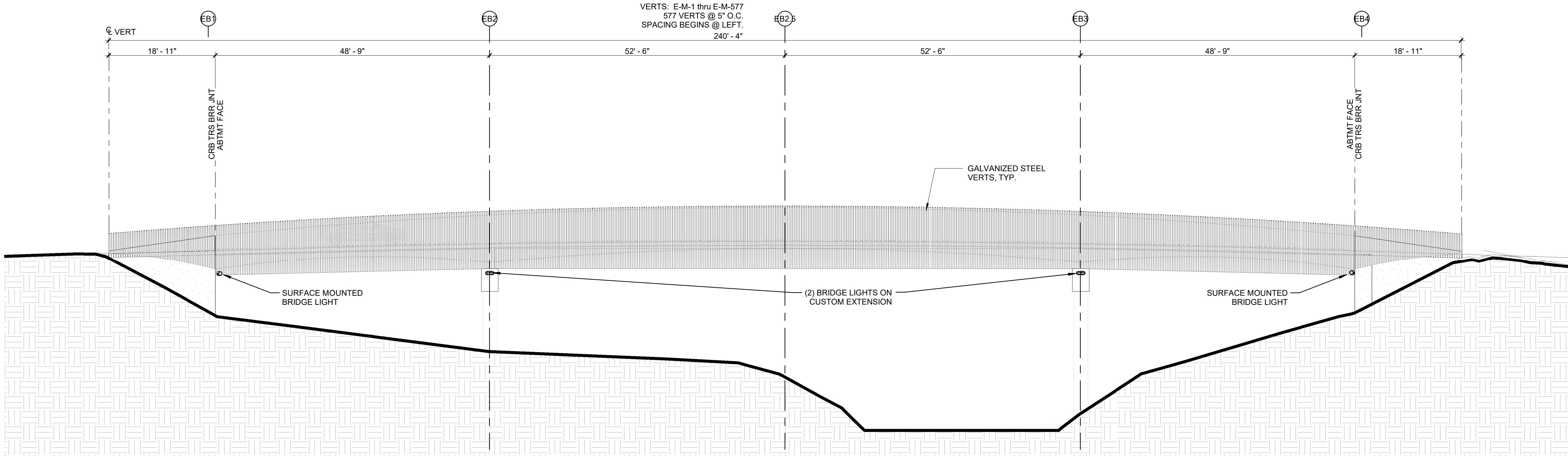
SHEET NUMBER

A03.21



ELEV BR E S LAYOUT

2
A01.10 | A03.21 SCALE : 3/32" = 1'-0"



ELEV BR E S

1
A01.10 | A03.21 SCALE : 3/32" = 1'-0"

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SHEET TITLE

BRIDGE E - MIDDLE RAIL

SHEET NUMBER

A03.22

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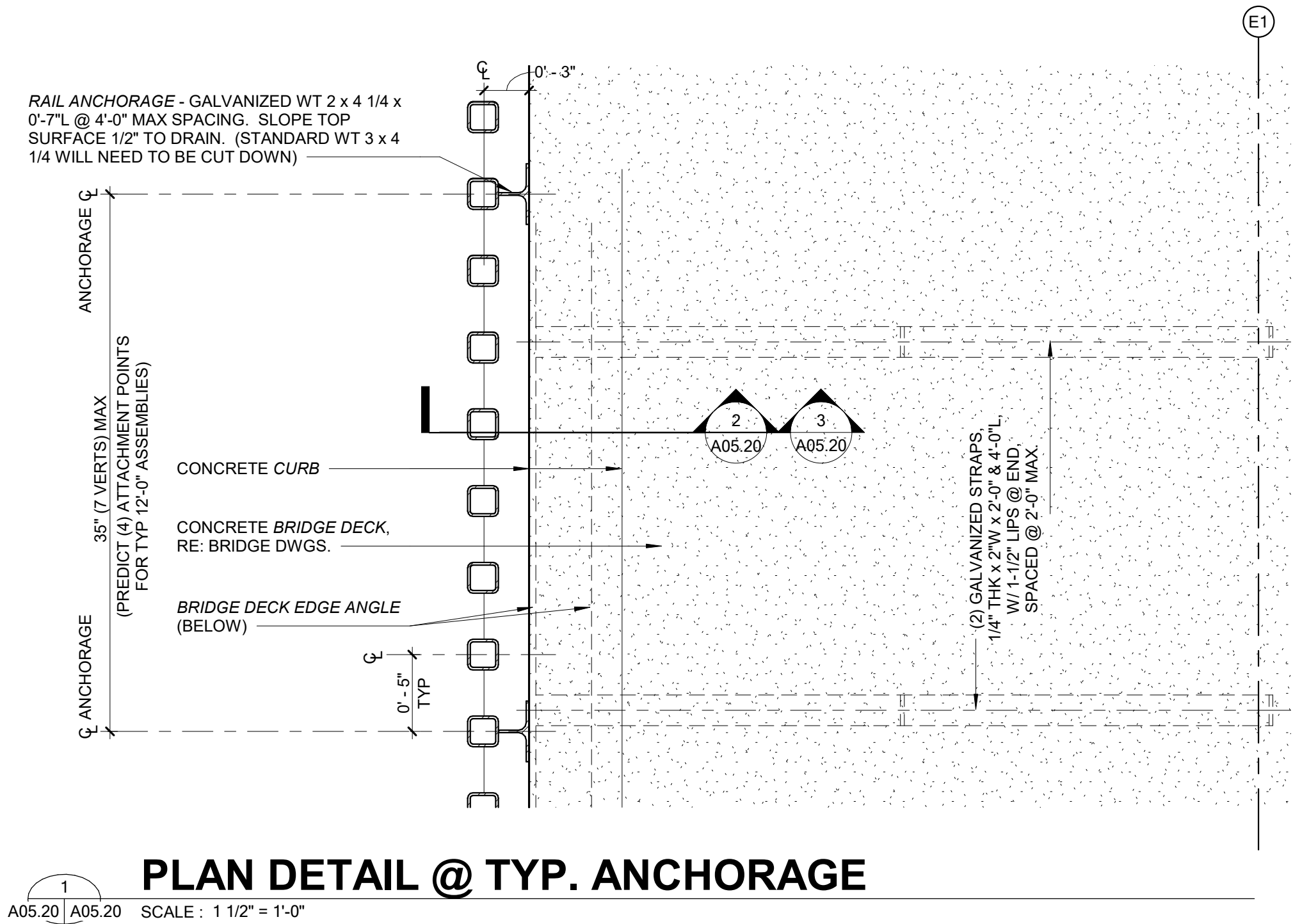


A01.10 A03.22 SCALE : 3/32" = 1'-0"

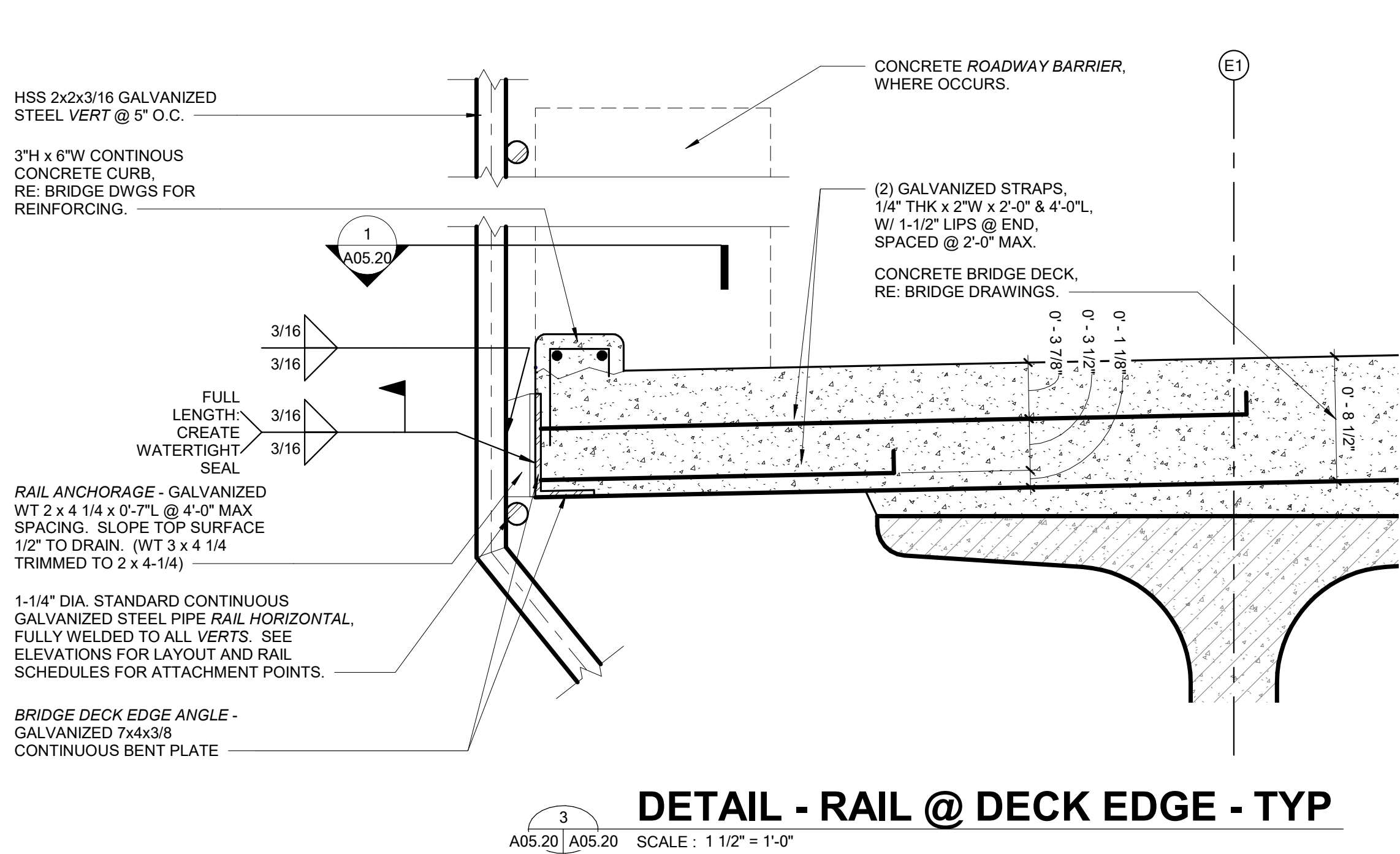


A01.10 | A03.22 SCALE : 3/32" = 1'-0"

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PLAN DETAIL @ TYP. ANCHORAGE

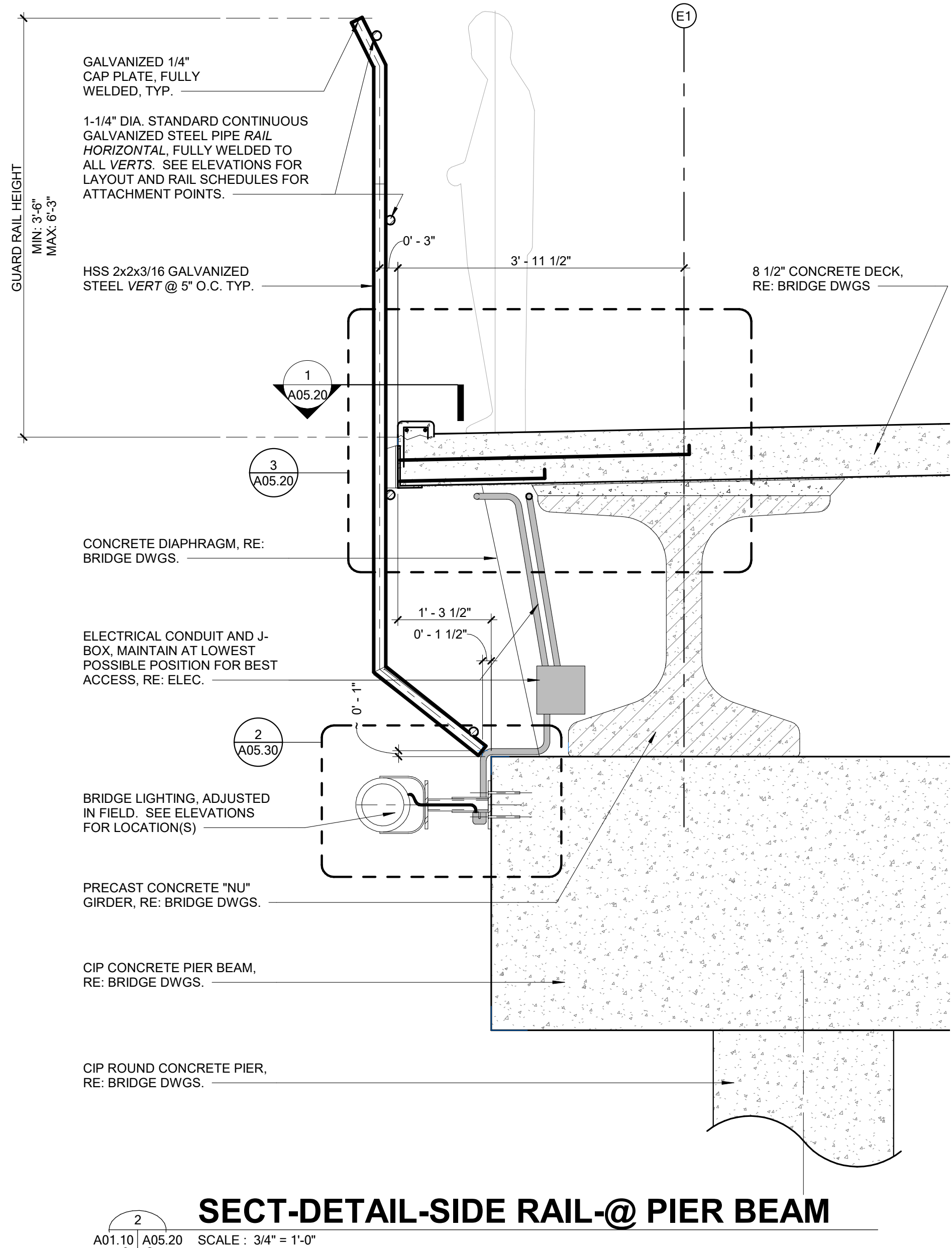


RAIL REFERENCE

RE: RAIL ELEVATIONS FOR VERT LAYOUT.

RE: 1 / A06.10 FOR RAIL VERT CONFIGURATION TYPES.

RE: RAIL SCHEDULES FOR RAIL TYPE LENGTHS, ANGLES, ANCHORAGE LOCATIONS, AND RAIL HORIZONTAL LOCATIONS.



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WEST BRIDGE PLANS

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REV	DATE	DESCRIPTION

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PROJECT NUMBER 12720.62	
DATE 2020.07.29	
PLANS FOR FINAL APPROVAL	
DESIGNED:	NJC
DRAWN:	NJC
REVIEWED:	CLR
SHEET TITLE RAIL DETAILS	
SHEET NUMBER A05.20	
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REV	DATE	DESCRIPTION

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PROJECT NUMBER
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DATE
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PLANS FOR FINAL APPROVAL

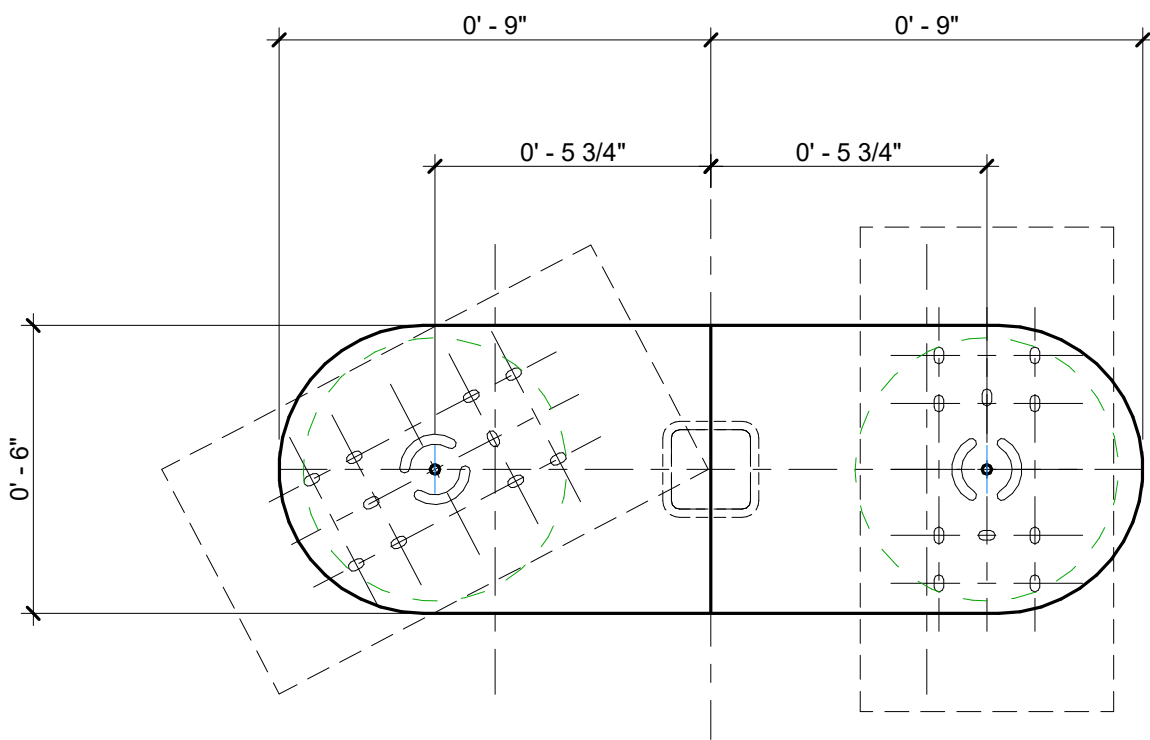
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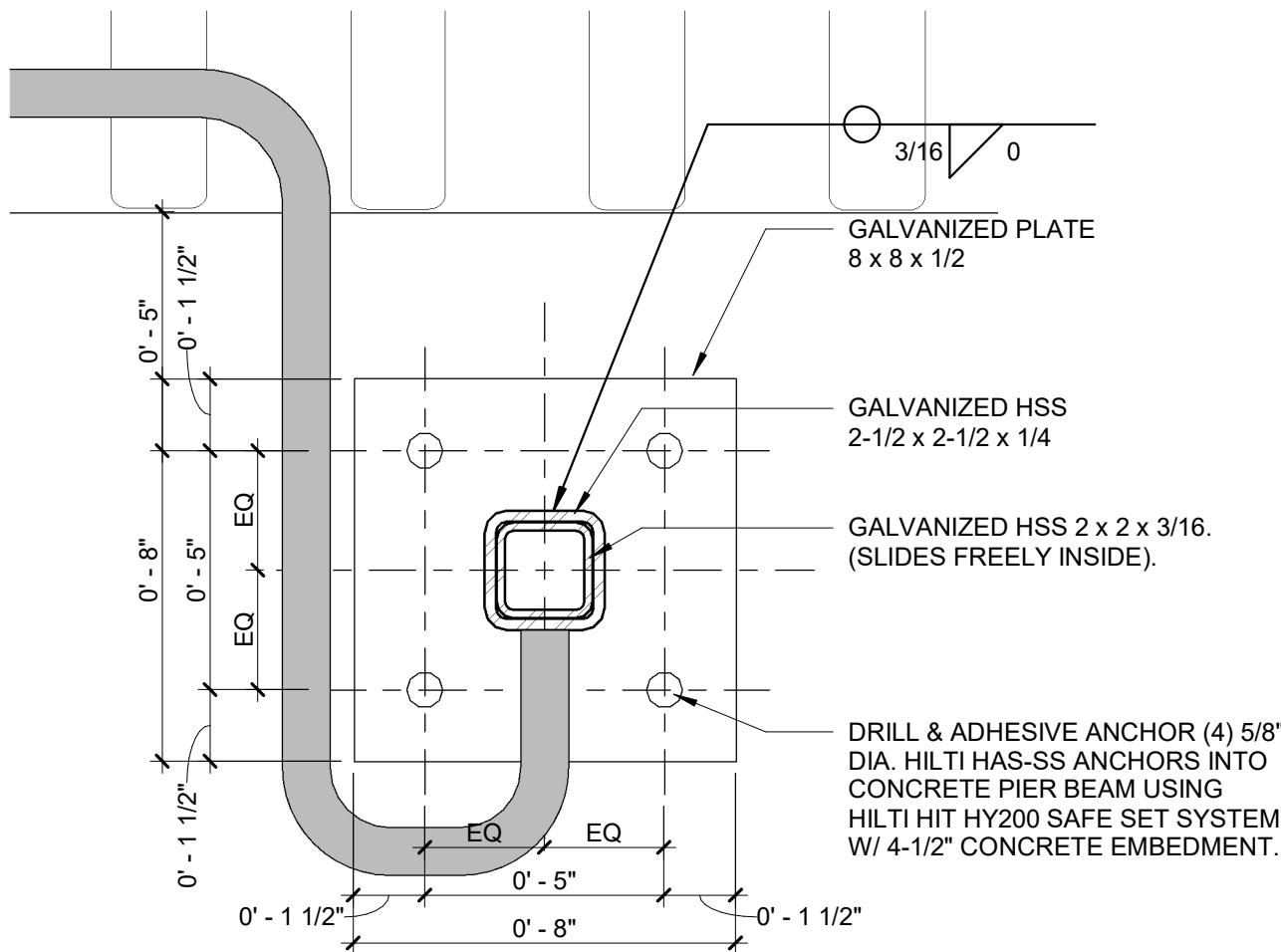
LIGHT MOUNT DETAILS

SHEET NUMBER

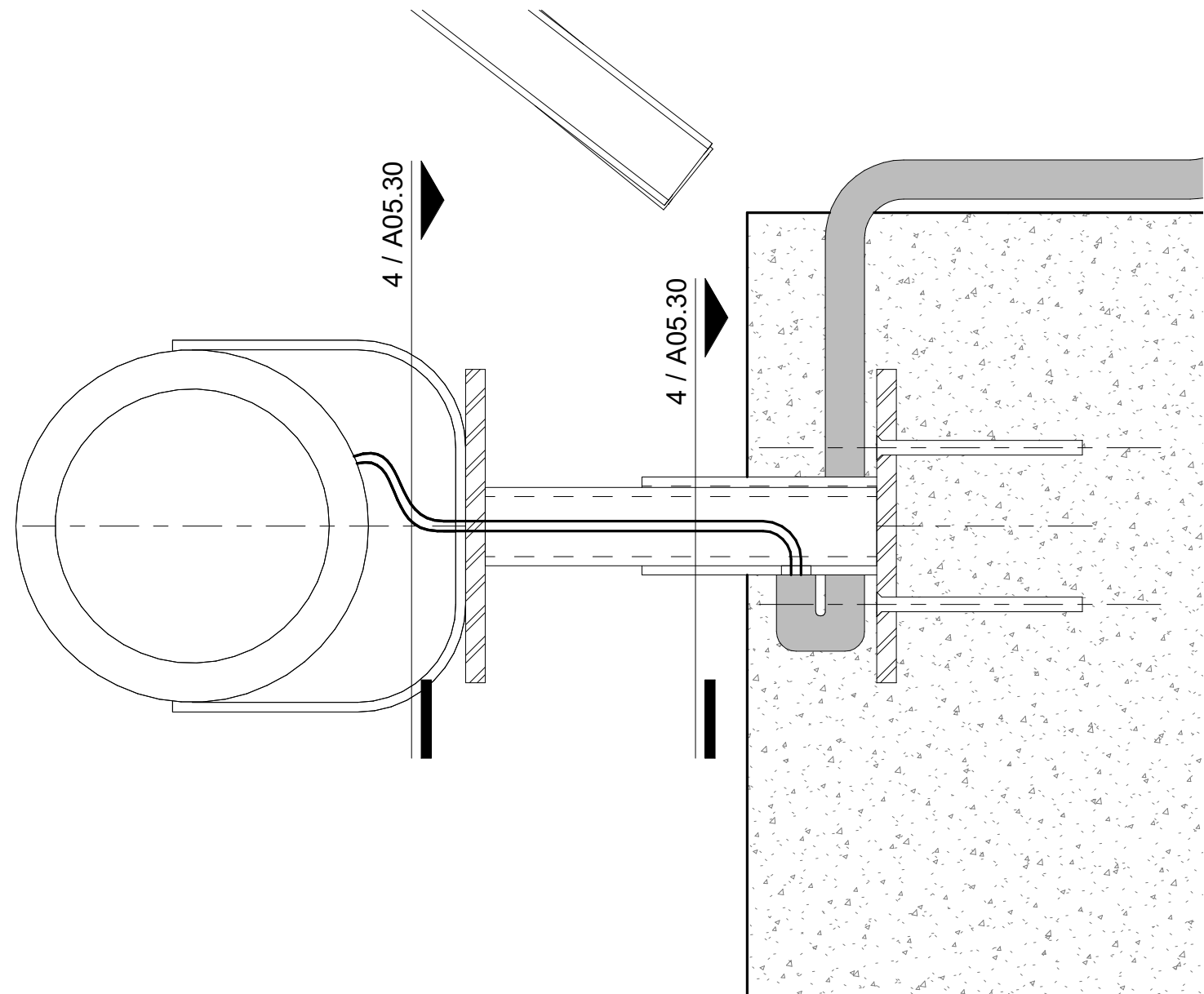
A05.30



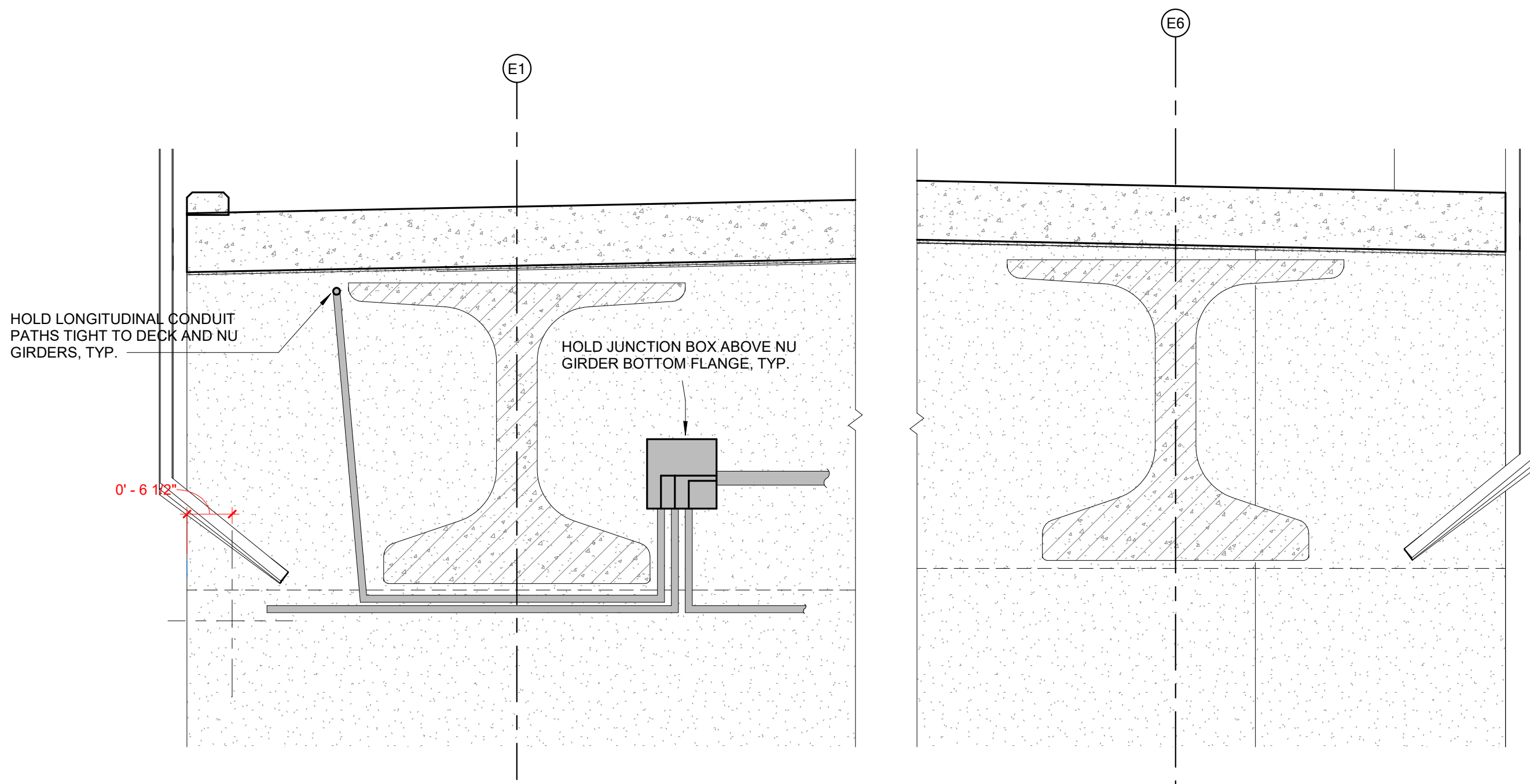
5 LIGHT MOUNT PLATE
SCALE : 3" = 1'-0"



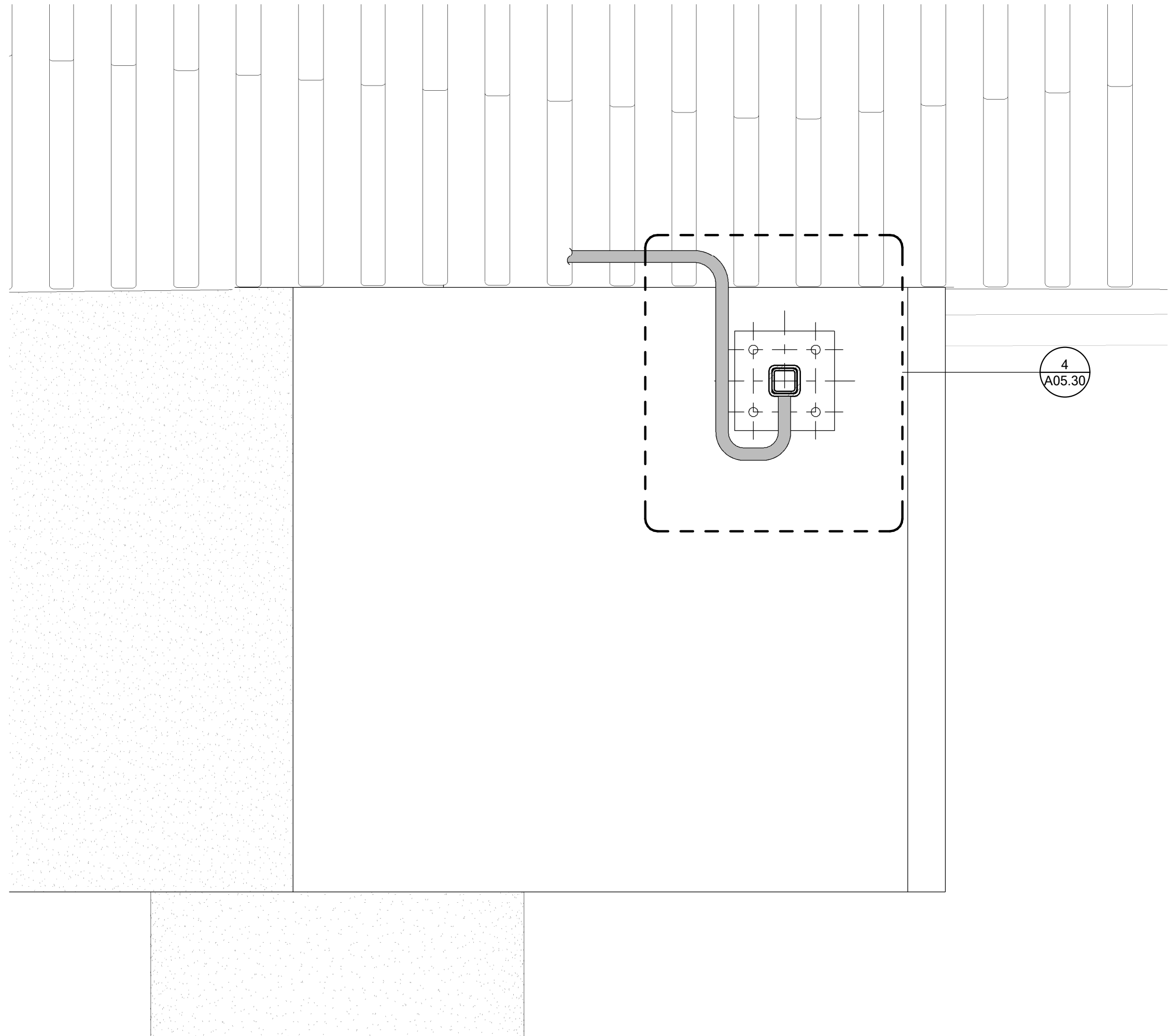
4 LIGHT MOUNT BASE PLATE
SCALE : 3" = 1'-0"



2 SECTION @ SIDE LIGHT SUPPORT
SCALE : 3" = 1'-0"



ELEVATION - DIRECT LIGHT MOUNT - EAST BRIDGE - EAST ABUTMENT



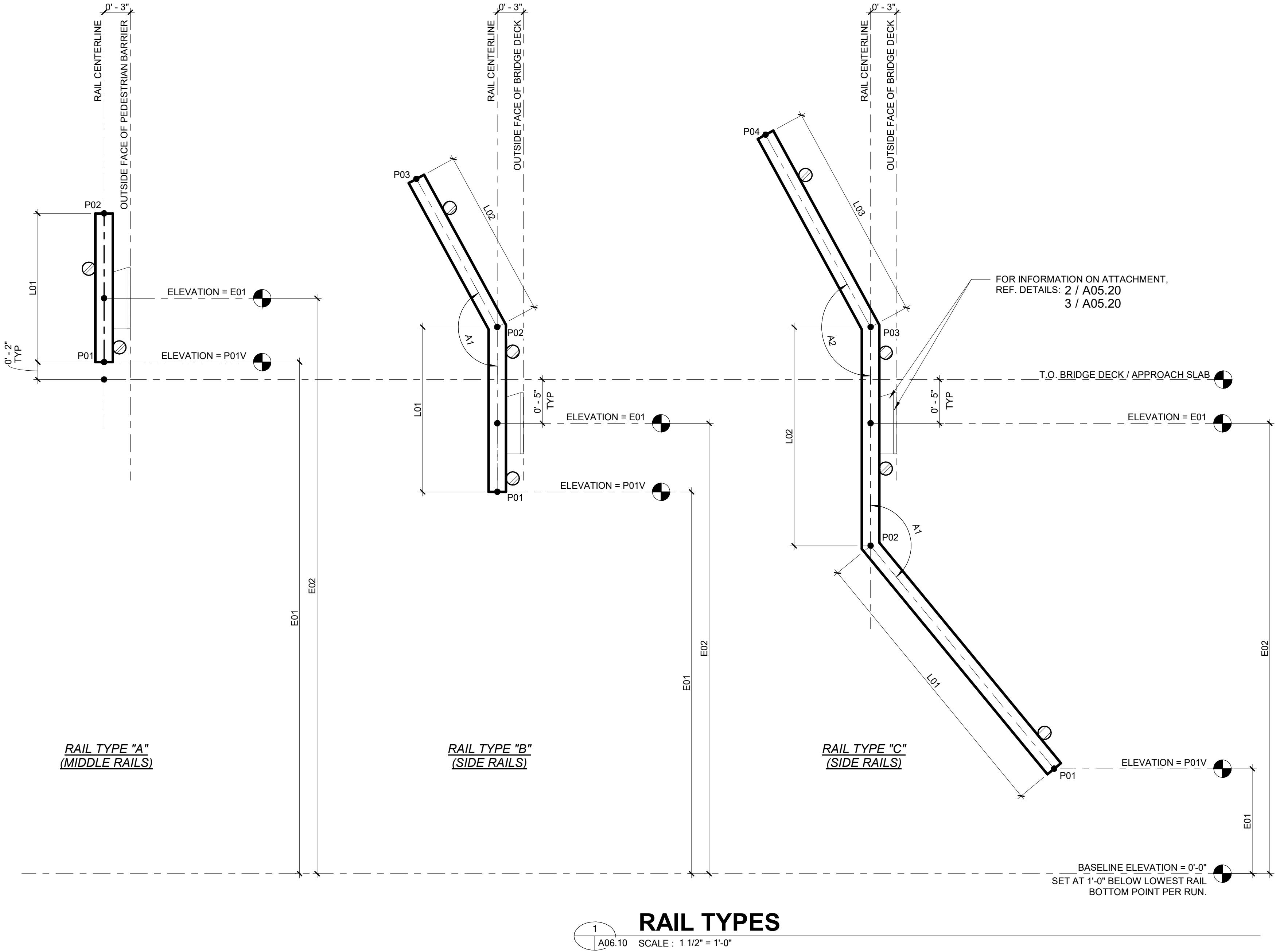
LIGHT MOUNT ELEVATION - W BRIDGE - PIER BEAMS

Plotted 7/29/2020 9:02:07 AM -- BIM 360/12720.62 ParagonStar_Bridges/12720.61_ParagonStar_Bridges_Site.rvt

RAIL "E1" ELEVATIONS SHALL BE USED FOR VERTICAL ALIGNMENT OF MEMBERS DURING SHOP ASSEMBLY.

STATED BASELINE ELEVATION VARIES FOR EACH RAIL RUN AND IS 1'-0" BELOW THE LOWEST POINT OF EACH RAIL RUN.

IF THE CONTRACTOR OPTS TO POUR DECK CROSS SLOPE TO LESS THAN THE DOCUMENTED / IDEALIZED 2%, THE ACTUAL BASELINE ELEVATIONS MAY DIFFER FROM DOCUMENTED ELEVATIONS, BUT *RELATIVE* ELEVATIONS WOULD REMAIN THE SAME. IN THIS EVENT, THE RAIL RUN ELEVATIONS WOULD SIMPLY MOVE UP EN MASSE TO MATCH THE ACTUAL BRIDGE DECK ELEVATION SET ALONG RAIL RUN AXIS.



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WEST BRIDGE PLANS

View High Dr, View High Pkwy, River Rd

Lee's Summit, MO

REV	DATE	DESCRIPTION

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PROJECT NUMBER	12720.62
DATE	2020.07.29
PLANS FOR FINAL APPROVAL	
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DRAWN:	NJC
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SHEET TITLE

RAIL TYPES

SHEET NUMBER

A06.10

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WEST BRIDGE PLANS

View High Dr, View High Pkwy, River Rd
Lee's Summit, MO

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NOT FOR CONSTRUCTION

PROJECT NUMBER
12720.62

DATE _____

PLANS FOR FINAL APPROVAL

SHEET TITLE
*SCHEDULE - BRIDGE W - N
RAIL*

DOI: 10.1002/for

A06.11

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Architecture COA# A-45
Land Surveying COA# L S-8

W BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
W_N_1	162.028°		0°-6'16"	3°-278"		3°-9"	4°-12
W_N_2	162.031°		0°-6'16"	3°-278"		3°-9"	4°-12
W_N_3	162.000°		0°-7'12"	3°-124"		3°-334"	4°-58
W_N_4	161.983°		0°-8'14"	3°-2		3°-10'14"	4°-58
W_N_5	161.966°		0°-9'56"	3°-134"		3°-10'58"	4°-734
W_N_6	161.947°		0°-9'56"	3°-112"		3°-11'18"	4°-34
W_N_7	161.927°		0°-10'12"	3°-114"		3°-11'58"	4°-778
W_N_8	161.905°		0°-11'14"	3°-078"		4°-0'18"	4°-4
W_N_9	161.883°		1°-0'38"	3°-058"		4°-0'34"	4°-58
W_N_10	161.861°		1°-0'38"	3°-058"		4°-0'38"	4°-58
W_N_11	161.832°		1°-1'34"	3°-018"		4°-1'78"	4°-618
W_N_12	161.805°		1°-2'58"	2°-1134"		4°-2'38"	4°-814
W_N_13	161.776°		1°-3'12"	2°-1112"		4°-3'	4°-814
W_N_14	161.745°		1°-4'12"	2°-1114"		4°-3'58"	4°-838
W_N_15	161.713°		1°-5'38"	2°-1078"		4°-4'38"	4°-838
W_N_16	161.679°		1°-6'38"	2°-1058"		4°-5'	4°-838
W_N_17	161.646°		1°-7'38"	2°-1038"		4°-5'58"	4°-858
W_N_18	161.606°		1°-8'38"	2°-1012"		4°-6'38"	4°-858
W_N_19	161.568°		1°-9'38"	2°-934"		4°-7'18"	4°-834
W_N_20	161.527°		1°-10'12"	2°-912"		4°-7'78"	4°-834
W_N_21	161.484°		1°-11'12"	2°-918"		4°-8'34"	4°-878
W_N_22	161.440°		2°-0'58"	2°-878"		4°-9'12"	4°-878
W_N_23	161.392°		2°-1'34"	2°-858"		4°-10'14"	4°-9
W_N_24	161.345°		2°-2'78"	2°-814"		4°-11'18"	4°-9
W_N_25	161.297°		2°-3'58"	2°-758"		4°-12'18"	4°-918
W_N_26	161.239°		2°-5'14"	2°-734"		5°-0'78"	4°-914
W_N_27	161.183°		2°-6'38"	2°-738"		5°-1'34"	4°-914
W_N_28	161.126°		2°-7'58"	2°-718"		5°-2'34"	4°-938
W_N_29	161.064°		2°-8'58"	2°-634"		5°-3'58"	4°-938
W_N_30	161.002°		2°-10'18"	2°-612"		5°-4'58"	4°-912
W_N_31	160.936°		2°-11'38"	2°-618"		5°-5'58"	4°-912
W_N_32	160.868°		3°-0'34"	2°-578"		5°-6'58"	4°-958
W_N_33	160.797°		3°-1'34"	2°-558"		5°-7'58"	4°-958
W_N_34	160.733°		3°-3'38"	2°-514"		5°-8'58"	4°-934
W_N_35	160.646°		3°-4'34"	2°-5		5°-9'34"	4°-978
W_N_36	160.566°		3°-6'18"	2°-458"		5°-10'78"	4°-978
W_N_37	160.482°		3°-7'58"	2°-438"		5°-11'78"	4°-918
W_N_38	160.396°		3°-9'	2°-4'		5°-11'	4°-10
W_N_39	160.306°		3°-10'12"	2°-334"		5°-12'14"	4°-1018
W_N_40	160.217°		3°-11'12"	2°-338"		5°-12'18"	4°-1018
W_N_41	160.115°		3°-11'12"	2°-338"		5°-12'18"	4°-1018
W_N_42	160.014°		4°-3'	2°-234"		5°-13'34"	4°-1038
W_N_43	159.909°		4°-4'58"	2°-238"		6°-7'	4°-1038
W_N_44	159.800°		4°-6'18"	2°-218"		6°-8'14"	4°-1012
W_N_45	159.686°		4°-7'34"	2°-134"		6°-9'12"	4°-1012
W_N_46	159.568°		4°-9'38"	2°-112"		6°-10'78"	4°-1058
W_N_47	159.445°		4°-11'	2°-118"		7°-0'18"	4°-1058
W_N_48	159.317°		4°-12'12"	2°-078"		7°-0'34"	4°-1034
W_N_49	159.185°		5°-2'38"	2°-012"		7°-2'78"	4°-1034
W_N_50	159.047°		5°-4'	2°-018"		7°-4'14"	4°-1078

W BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
W_N_130	142.283	156.995	3.0	-6.2	-10.1	-10.1	-5.4
W_N_131	141.977	156.996	-1.1	-6.3	-10.1	-10.1	-5.4
W_N_138	141.990	156.916	-1.1	-6.3	-10.1	-10.1	-5.4
W_N_139	141.933	156.874	-1.1	-6.3	-10.1	-10.1	-5.4
W_N_140	141.678	156.780	-1.1	-6.3	-10.1	-10.1	-5.4
W_N_141	141.511	156.836	-1.1	-6.3	-10.1	-10.1	-5.4
W_N_142	141.334	156.742	-1.1	-6.4	-10.1	-10.1	-5.4
W_N_143	141.147	156.686	-1.1	-6.4	-10.1	-10.1	-5.4
W_N_144	140.953	156.653	-1.0	-6.4	-10.1	-10.1	-5.4
W_N_145	140.760	156.620	-1.0	-6.4	-10.1	-10.1	-5.4
W_N_146	140.534	156.562	-1.0	-6.5	-10.1	-10.1	-5.4
W_N_147	140.309	156.514	-1.0	-6.6	-10.1	-10.1	-5.4
W_N_148	140.076	156.464	-1.0	-6.7	-10.1	-10.1	-5.4
W_N_149	139.832	156.419	-1.0	-6.7	-10.1	-10.1	-5.4
W_N_150	139.577	156.369	-1.0	-6.7	-10.1	-10.1	-5.4
W_N_151	139.311	156.317	-1.0	-6.7	-10.1	-10.1	-5.4
W_N_152	139.045	156.265	-1.0	-6.7	-10.1	-10.1	-5.4
W_N_153	138.778	156.216	-1.0	-6.8	-10.1	-10.1	-5.4
W_N_154	138.486	156.165	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_155	138.183	156.113	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_156	137.869	156.060	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_157	137.472	156.006	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_158	137.120	155.950	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_159	136.756	155.893	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_160	136.382	155.836	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_161	135.994	155.779	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_162	135.575	155.721	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_163	135.122	155.659	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_164	134.711	155.602	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_165	134.254	155.538	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_166	133.779	155.481	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_167	133.288	155.414	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_168	132.780	155.347	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_169	132.249	155.284	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_170	131.699	155.222	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_171	131.130	155.157	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_172	130.539	155.093	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_173	129.926	155.023	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_174	129.291	154.955	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_175	128.633	154.886	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_176	127.955	154.818	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_177	127.240	154.742	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_178	126.508	154.668	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_179	125.746	154.594	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_180	124.958	154.521	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_181	124.155	154.444	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_182	123.347	154.372	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_183	122.527	154.299	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_184	121.692	154.212	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_185	120.844	154.133	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_186	120.134	154.050	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_187	120.072	153.972	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_188	122.978	153.890	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_189	123.638	153.804	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_190	124.733	153.724	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_191	125.912	153.644	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_192	126.318	153.551	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_193	127.087	153.463	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_194	127.832	153.374	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_195	128.552	153.284	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_196	129.246	153.194	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_197	129.920	153.104	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_198	130.578	153.014	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_199	131.202	152.922	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_200	131.812	152.819	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_201	132.402	152.728	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_202	132.973	152.632	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_203	133.525	152.532	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_204	134.059	152.439	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_205	134.576	152.341	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_206	135.077	152.244	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_207	135.561	152.143	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_208	136.029	152.037	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_209	136.483	151.938	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_210	136.920	151.841	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_211	137.345	151.733	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_212	137.755	151.623	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_213	138.153	151.521	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_214	138.539	151.414	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_215	138.910	151.315	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_216	139.269	151.209	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_217	139.618	151.104	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_218	139.955	150.994	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_219	140.279	150.879	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_220	140.595	150.774	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_221	140.903	150.669	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_222	141.195	150.555	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_223	141.480	150.448	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_224	141.756	150.345	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_225	142.022	150.229	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_226	142.279	150.123	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_227	142.528	150.018	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_228	142.769	149.905	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_229	142.999	149.789	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_230	143.225	149.668	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_231	143.441	149.572	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_232	143.650	149.480	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_233	143.851	149.359	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_234	144.045	149.245	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_235	144.231	149.134	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_236	144.412	149.027	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_237	144.587	148.914	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_238	144.750	148.815	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_239	144.911	148.711	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_240	145.064	148.610	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_241	145.212	148.505	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_242	145.353	148.404	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_243	145.489	148.298	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_244	145.621	148.189	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_245	145.742	148.090	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_246	145.859	147.991	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_247	145.972	147.911	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_248	146.079	147.819	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_249	146.180	147.723	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_250	146.276	147.631	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_251	146.368	147.545	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_252	146.456	147.457	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_253	146.539	147.369	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_254	146.610	147.280	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_255	146.680	147.206	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_256	146.746	147.128	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_257	146.807	147.056	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_258	146.862	146.989	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_259	146.913	146.909	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_260	146.960	146.828	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_261	147.002	146.766	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_262	147.039	146.703	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_263	147.071	146.648	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_264	147.100	146.584	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_265	147.123	146.524	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_266	147.141	146.478	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_267	147.154	146.433	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_268	147.168	146.383	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_269	147.181	146.336	-1.0	-6.9	-10.1	-10.1	-5.4
W_N_270	147.189	146.295	-1.0	-6.9	-10.1	-10.1	-5.4

W BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
W N 271 C	147.165°	148.250°	3°-4.58"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 272 C	147.168°	148.253°	3°-4.58"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 273 C	147.143°	148.181°	3°-4.12"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 274 C	147.125°	148.156°	3°-4.12"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 275 C	147.103°	148.140°	3°-4.12"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 276 C	147.075°	148.108°	3°-4.12"	7°-0°	0°-3.58"	10°-8.18"	5°-6°
W N 277 C	147.043°	148.094°	3°-4.12"	7°-0.18"	0°-3.58"	10°-8.18"	5°-6°
W N 278 C	147.006°	148.066°	3°-4.38"	7°-0.18"	0°-3.58"	10°-8.18"	5°-6°
W N 279 C	146.965°	148.005°	3°-4.38"	7°-0.18"	0°-3.58"	10°-8.18"	5°-6°
W N 280 C	146.928°	147.968°	3°-4.14"	7°-0.18"	0°-3.58"	10°-8.18"	5°-6°
W N 281 C	146.888°	147.944°	3°-4.14"	7°-0.14"	0°-3.58"	10°-8.18"	5°-78"
W N 282 C	146.813°	148.044°	3°-4.14"	7°-0.14"	0°-3.58"	10°-8.18"	5°-78"
W N 283 C	146.753°	148.040°	3°-4.18"	7°-0.38"	0°-3.58"	10°-8.18"	5°-34"
W N 284 C	146.687°	148.053°	3°-4°	7°-0.38"	0°-3.58"	10°-8.18"	5°-34"
W N 285 C	146.617°	148.052°	3°-4°	7°-0.12"	0°-3.58"	10°-8.18"	5°-34"
W N 286 C	146.541°	148.058°	3°-3.78"	7°-0.12"	0°-3.58"	10°-8.18"	5°-58"
W N 287 C	146.501°	148.059°	3°-3°	7°-0.12"	0°-3.58"	10°-8.18"	5°-58"
W N 288 C	146.476°	148.058°	3°-3.34"	7°-0.58"	0°-3.34"	10°-8.18"	5°-58"
W N 289 C	146.286°	148.105°	3°-3.58"	7°-0.34"	0°-3.34"	10°-8°	5°-12"
W N 290 C	146.190°	148.127°	3°-3.12"	7°-0.34"	0°-3.34"	10°-8°	5°-12"
W N 291 C	146.089°	148.145°	3°-3.38"	7°-0.78"	0°-3.34"	10°-8°	5°-12"
W N 292 C	145.983°	148.160°	3°-3.38"	7°-1°	0°-3.34"	10°-8°	5°-38"
W N 293 C	145.871°	148.212°	3°-3.14"	7°-1°	0°-3.34"	10°-8°	5°-38"
W N 294 C	145.754°	148.249°	3°-3.18"	7°-1.18"	0°-3.34"	10°-8°	5°-38"
W N 295 C	145.631°	148.259°	3°-2°	7°-2.18"	0°-4°	10°-8°	5°-8°
W N 296 C	145.501°	148.312°	2°-2.78"	7°-3.18"	0°-3.78"	10°-8°	5°-14"
W N 297 C	145.366°	148.358°	3°-2.34"	7°-4.12"	0°-3.78"	10°-8°	5°-14"
W N 298 C	145.225°	148.350°	3°-2.58"	7°-5.18"	0°-3.78"	10°-8°	5°-18"
W N 299 C	145.079°	148.448°	3°-2.38"	7°-5.18"	0°-3.78"	10°-8°	5°-18"
W N 300 C	144.926°	148.452°	3°-2.14"	7°-6.34"	0°-3.78"	10°-8°	5°-18"
W N 301 C	144.767°	148.491°	3°-2.18"	7°-7.18"	0°-3.78"	10°-8°	5°-18"
W N 302 C	144.601°	148.599°	3°-2°	7°-8.18"	0°-4°	10°-8°	5°-8°
W N 303 C	144.437°	148.671°	3°-1.58"	7°-9.18"	0°-4°	10°-8°	5°-8°
W N 304 C	144.249°	148.705°	3°-1.58"	7°-9.18"	0°-4°	10°-8°	5°-8°
W N 305 C	144.062°	148.757°	3°-1.12"	7°-2.38"	0°-4°	10°-8°	5°-478"
W N 306 C	143.869°	148.824°	3°-1.14"	7°-2.58"	0°-4°	10°-778"	5°-478"
W N 307 C	143.668°	148.887°	3°-1.18"	7°-2.34"	0°-4.18"	10°-778"	5°-478"
W N 308 C	143.461°	148.946°	3°-1°	7°-2.78"	0°-4.18"	10°-778"	5°-34"
W N 309 C	143.245°	147.019°	3°-0.34"	7°-3°	0°-4.18"	10°-778"	5°-434"
W N 310 C	143.027°	147.052°	3°-0.38"	7°-3.38"	0°-4.14"	10°-778"	5°-434"
W N 311 C	142.791°	147.152°	3°-0.38"	7°-3.38"	0°-4.14"	10°-778"	5°-434"
W N 312 C	142.552°	147.221°	3°-0.18"	7°-3.12"	0°-4.14"	10°-778"	5°-458"
W N 313 C	142.303°	147.265°	3°-0°	7°-3.58"	0°-4.14"	10°-778"	5°-458"
W N 314 C	142.047°	147.364°	3°-11.34"	7°-3.78"	0°-4.14"	10°-778"	5°-412"
W N 315 C	141.780°	147.447°	3°-11.12"	7°-4°	0°-4.38"	10°-778"	5°-412"
W N 316 C	141.505°	147.516°	3°-11.38"	7°-4.14"	0°-4.38"	10°-778"	5°-412"
W N 317 C	141.221°	147.590°	3°-11.18"	7°-4.38"	0°-4.38"	10°-778"	5°-348"
W N 318 C	140.937°	147.663°	3°-11.18"	7°-4.38"	0°-4.38"	10°-778"	5°-418"
W N 319 C	140.623°	147.757°	3°-10.58"	7°-4.34"	0°-4.12"	10°-778"	5°-438"
W N 320 C	140.308°	147.834°	3°-10.12"	7°-5°	0°-4.12"	10°-778"	5°-38"
W N 321 C	139.983°	147.902°	3°-10.14"	7°-5.18"	0°-4.12"	10°-778"	5°-414"
W N 322 C	139.648°	147.997°	2°-10°	7°-5.38"	0°-4.58"	10°-778"	5°-414"
W N 323 C	139.301°	148.080°	3°-9.34"	7°-5.12"	0°-4.58"	10°-778"	5°-414"
W N 324 C	138.941°	148.155°	3°-9.12"	7°-5.34"	0°-4.58"	10°-778"	5°-418"
W N 325 C	138.561°	148.250°	3°-9.14"	7°-5.38"	0°-4.12"	10°-778"	5°-418"
W N 326 C	138.187°	148.347°	3°-8.58"	7°-6.18"	0°-4.34"	10°-778"	5°-418"
W N 327 C	137.790°	148.410°	3°-8.34"	7°-6.38"	0°-4.34"	10°-8°	5°-4°
W N 328 C	137.381°	148.459°	3°-8.12"	7°-6.58"	0°-4.78"	10°-8°	5°-4°
W N 329 C	136.958°	148.583°	3°-8.14"	7°-6.78"	0°-4.78"	10°-8°	5°-4°
W N 330 C	136.520°	148.671°	2°-8°	7°-7.18"	0°-4.78"	10°-8°	5°-378"
W N 331 C	136.068°	148.761°	2°-7.34"	7°-7.38"	0°-5°	10°-8°	5°-378"
W N 332 C	135.631°	148.839°	3°-7.12"	7°-7.58"	0°-5°	10°-8°	5°-378"
W N 333 C	135.187°	148.907°	3°-6.58"	7°-7.78"	0°-5°	10°-8°	5°-378"
W N 334 C	134.611°	148.018°	3°-6.78"	7°-8.18"	0°-5.18"	10°-8.18"	5°-34"
W N 335 C	134.103°	148.098°	3°-6.58"	7°-8.38"	0°-5.18"	10°-8.18"	5°-34"
W N 336 C	133.570°	148.193°	3°-6.38"	7°-8.58"	0°-5.14"	10°-8.18"	5°-338"
W N 337 C	133.018°	148.278°	3°-6.18"	7°-8.78"	0°-5.14"	10°-8.18"	5°-358"
W N 338 C	132.448°	148.365°	3°-5.78"	7°-8.98"	0°-5.18"	10°-8.14"	5°-358"
W N 339 C	131.861°	148.454°	3°-5.12"	7°-9.38"	0°-5.38"	10°-8.14"	5°-312"
W N 340 C	131.252°	148.532°	3°-5.14"	7°-9.58"	0°-5.38"	10°-8.38"	5°-312"
W N 341 C	130.627°	148.625°	3°-5.28"	7°-9.78"	0°-5.78"	10°-8.78"	5°-3°
W N 342 C	129.993°	148.714°	3°-4.34"	7°-10.14"	0°-5.12"	10°-8.38"	5°-338"
W N 343 C	129.299°	148.799°	3°-4.38"	7°-10.12"	0°-5.58"	10°-8.12"	5°-34"
W N 344 C	128.605°	148.879°	3°-4.18"	7°-10.34"	0°-5.58"	10°-8.12"	5°-314"
W N 345 C	127.886°	148.967°	3°-3.78"	7°-11°	0°-5.34"	10°-8.58"	5°-318"
W N 346 C	127.143°	150.057°	3°-3.58"	7°-11.38"	0°-5.34"	10°-8.34"	5°-318"
W N 347 C	126.377°	150.153°	3°-3.38"	7°-11.58"	0°-5.78"	10°-8.34"	5°-318"
W N 348 C	125.581°	150.225°	3°-3°	7°-11.78"	0°-5.78"	10°-8.78"	5°-3°
W N 349 C	124.880°	150.302°	3°-2.78"	7°-8°	0°-5.14"	10°-8.18"	5°-34"
W N 350 C	124.152°	150.334°	3°-2.58"	8°-0.12°	0°-6°	9°-9.18"	5°-278"
W N 351 C	123.399°	150.480°	3°-2.38"	8°-0.78°	0°-6.18"	9°-9.14"	5°-278"
W N 352 C	122.623°	150.557°	3°-2.18"	8°-1.14°	0°-6.18"	9°-9.12"	5°-234"
W N 353 C	121.822°	150.641°	3°-1.78"	8°-1.12°	0°-6.14"	10°-9.58"	5°-234"
W N 354 C	121.955°	150.726°	3°-1.78"	8°-1.38"	0°-6.14"	9°-9.12"	5°-258"
W N 355 C	122.886°	150.806°	3°-2.14"	8°-0.34"	0°-6.38"	9°-9.14"	5°-258"
W N 356 C	123.818°	150.887°	3°-2.38"	8°-0.38"	0°-6.38"	9°-9.18"	5°-258"
W N 357 C	124.751°	150.969°	3°-2.34"	7°-11.12"	0°-6.12"	10°-8.34"	5°-12"
W N 358 C	125.415°	151.049°	2°-3°	7°-11.1°	0°-6.12"	10°-8.12"	5°-238"
W N 359 C	126.206°	151.126°	3°-3.14"	7°-10.38"	0°-6.58"	8°-8.14"	5°-238"
W N 360 C	126.968°	151.208°	3°-3.12"	7°-9.34"	0°-6.58"	8°-8°	5°-214"
W N 361 C	127.703°	151.282°	3°-3.14"	7°-9.14"	0°-6.34"	10°-7.34"	5°-214"
W N 362 C	128.412°	151.362°	3°-4.18"	7°-8.58"	0°-6.78"	10°-7.12"	5°-218"
W N 363 C	129.096°	151.438°	3°-4.38"	7°-8.18"	0°-6.78"	10°-7.38"	5°-218"
W N 364 C	129.759°	151.519°	3°-4.58"	7°-7.78"	0°-6.78"	10°-7.58"	5°-218"
W N 365 C	130.391°	151.588°	3°-4.78"	7°-7°	0°-7°	10°-7°	5°-2°
W N 366 C	131.005°	151.667°	3°-5.18"	7°-6.38"	0°-7.18"	10°-6.34"	5°-2°
W N 367 C	131.596°	151.743°	3°-5.38"	7°-5.78"	0°-7.14"	10°-6.12"	5°-178"
W N 368 C	132.166°	151.819°	3°-5.58"	7°-5.38"	0°-7.14"	10°-6.38"	5°-178"
W N 369 C	132.716°	151.887°	2°-6°	7°-4.78"	0°-7.38"	10°-6.18"	5°-134"
W N 370 C	133.246°	151.961°	3°-6.14"	7°-4.18"	0°-7.38"	10°-6°	5°-134"
W N 371 C	133.758°	152.031°	3°-6.12"	7°-3.78"	0°-7.12"	10°-5.78"	5°-158"
W N 372 C	134.253°	152.103°	3°-5.78"	7°-3.14"	0°-7.18"	10°-5.38"	5°-158"
W N 373 C	134.725°	152.179°	2°-7°	7°-2.34"	0°-7.58"	10°-5.38"	5°-158"
W N 374 C	135.183°	152.247°	2°-7.14"	7°-2.14"	0°-7.34"	10°-5.14"	5°-158"
W N 375 C	135.624°	152.317°	2°-7.12"	7°-1.34"	0°-7.78"	10°-5°	5°-138"
W N 376 C	136.049°	152.387°	2°-7.34"	7°-1.14"	0°-7.78"	10°-4.78"	5°-138"
W N 377 C	136.458°	152.454°	2°-7.78"	7°-0.34"	0°-8°	10°-4.34"	5°-134"
W N 378 C	136.853°	152.521°	3°-8.18"	7°-0.14"	0°-8.18"	10°-4.58"	5°-114"
W N 379 C	137.236°	152.588°	3°-8.38"	6°-0.38"	0°-8.18"	10°-4.58"	5°-118"
W N 380 C	137.599°	152.655°	3°-8.58"	6°-0.78"	0°-8.14"	10°-4.14"	5°-118"
W N 381 C	137.949°	152.721°	3°-8.78"	6°-10.78"	0°-8.38"	10°-4.18"	5°-118"
W N 382 C	138.289°	152.784°	3°-9.18"	6°-10.38"	0°-8.12"	10°-3.78"	5°-1°
W N 383 C	138.615°	152.847°	3°-9.14"	6°-10°	0°-8.12"	10°-3.34"	5°-1°
W N 384 C	138.930°	152.911°	3°-9.12"	6°-9.12"	0°-8.58"	10°-3.58"	5°-078"
W N 385 C	139.232°	152.976°	3°-9.34"	6°-8.18"	0°-8.34"	10°-3.12"	5°-078"
W N 386 C	139.520°	153.037°	3°-9.78"	6°-6.58"	0°-8.34"	10°-3.38"	5°-034"
W N 387 C	139.789°	153.098°	3°-10.18"	6°-5.18"	0°-8.34"	10°-3.38"	5°-034"
W N 388 C	140.066°	153.153°	3°-10.14"	6°-7.34"	0°-9°	10°-3°	5°-058"
W N 389 C	140.322°	153.223°	3°-10.12"	6°-7.38"	0°-9.18"	10°-2.78"	5°-058"
W N 390 C	140.568°	153.283°	3°-10.58"	6°-6.78"	0°-9.14"	10°-2.34"	5°-012"
W N 391 C	140.804°	153.341°	3°-10.34"	6°-6.12"	0°-9.14"	10°-2.58"	5°-012"
W N 392 C	141.030°	153.399°	2°-11°	6°-6.18"	0°-9.38"	10°-2.12"	5°-038"
W N 393 C	141.246°	153.458°	2°-11.18"	6°-5.34"	0°		

W BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
W 406 C	143.263	154.160 ¹	3°-0.34 ¹	6°-0.78 ¹	10°-10.78 ¹	10°-10.12 ¹	4°-11.38 ¹
W 407 C	143.264	154.210 ¹	3°-0.34 ¹	6°-0.78 ¹	10°-10.78 ¹	10°-10.12 ¹	4°-11.38 ¹
W 408 C	143.265	154.257 ¹	3°-1.1 ¹	6°-0.14 ¹	9°-11 ¹	10°-10.14 ¹	4°-11.14 ¹
W 409 C	143.341	154.306 ¹	3°-1.1 ¹	6°-0 ¹	11°-11 ¹	10°-10.18 ¹	4°-11.14 ¹
W 410 C	143.619	154.357 ¹	3°-1.18 ¹	5°-11.58 ¹	10°-11.14 ¹	10°-0 ¹	4°-1.1 ¹
W 411 C	143.691	154.406 ¹	3°-1.18 ¹	5°-11.38 ¹	10°-11.38 ¹	9°-11.78 ¹	4°-1.1 ¹
W 412 C	143.756	154.457 ¹	3°-1.14 ¹	5°-11 ¹	10°-11.38 ¹	9°-11.34 ¹	4°-10.78 ¹
W 413 C	143.813	154.490 ¹	3°-1.14 ¹	5°-10.34 ¹	10°-11.58 ¹	9°-11.58 ¹	4°-10.34 ¹
W 414 C	143.863	154.544 ¹	3°-1.14 ¹	5°-10.38 ¹	10°-11.34 ¹	9°-11.12 ¹	4°-10.34 ¹
W 415 C	143.907	154.592 ¹	3°-1.38 ¹	5°-10.18 ¹	10°-11.78 ¹	9°-11.38 ¹	4°-10.34 ¹
W 416 C	143.944	154.635 ¹	3°-1.38 ¹	5°-9.78 ¹	10°-11 ¹	9°-11.14 ¹	4°-10.12 ¹
W 417 C	143.974	154.679 ¹	3°-1.38 ¹	5°-9.58 ¹	10°-11.04 ¹	9°-11.18 ¹	4°-10.38 ¹
W 418 C	143.997	154.725 ¹	3°-1.38 ¹	5°-9.14 ¹	10°-10.14 ¹	9°-11 ¹	4°-10.38 ¹
W 419 C	144.014	154.769 ¹	3°-1.12 ¹	5°-9 ¹	10°-0.38 ¹	9°-10.78 ¹	4°-10.18 ¹
W 420 C	144.024	154.811 ¹	3°-1.12 ¹	5°-8.34 ¹	10°-1.12 ¹	9°-10.58 ¹	4°-10.18 ¹
W 421 C	144.028	154.854 ¹	3°-1.12 ¹	5°-8.12 ¹	10°-0.58 ¹	9°-10.12 ¹	4°-10.18 ¹
W 422 C	144.039	154.897 ¹	3°-1.12 ¹	5°-7.34 ¹	10°-1.34 ¹	9°-9.78 ¹	4°-10.18 ¹
W 423 C	144.015	154.937 ¹	3°-1.12 ¹	5°-7 ¹	10°-0.78 ¹	9°-10.14 ¹	4°-9.78 ¹
W 424 C	143.998	154.979 ¹	3°-1.38 ¹	5°-7.34 ¹	10°-1 ¹	9°-10.18 ¹	4°-9.78 ¹
W 425 C	143.976	155.020 ¹	3°-1.38 ¹	5°-7.12 ¹	10°-1.18 ¹	9°-10 ¹	4°-9.34 ¹
W 426 C	143.945	155.062 ¹	3°-1.38 ¹	5°-7.38 ¹	10°-1.14 ¹	9°-9.78 ¹	4°-9.58 ¹
W 427 C	143.909	155.100 ¹	3°-1.38 ¹	5°-7.18 ¹	10°-1.38 ¹	9°-9.34 ¹	4°-9.58 ¹
W 428 C	143.866	155.140 ¹	3°-1.14 ¹	5°-6.78 ¹	10°-1.12 ¹	9°-9.58 ¹	4°-9.12 ¹
W 429 C	143.816	155.178 ¹	3°-1.14 ¹	5°-6.58 ¹	10°-1.58 ¹	9°-9.12 ¹	4°-9.34 ¹
W 430 C	143.800	155.213 ¹	3°-0.58 ¹	5°-5 ¹	10°-2.34 ¹	9°-8.38 ¹	4°-9.12 ¹
W 431 C	143.695	155.256 ¹	3°-1.18 ¹	5°-6.14 ¹	10°-1.78 ¹	9°-9.14 ¹	4°-9.14 ¹
W 432 C	143.624	155.293 ¹	3°-1.18 ¹	5°-6 ¹	10°-2 ¹	9°-9.18 ¹	4°-9.18 ¹
W 433 C	143.548	155.331 ¹	3°-1 ¹	5°-5.78 ¹	10°-2.18 ¹	9°-9 ¹	4°-9.18 ¹
W 434 C	143.461	155.369 ¹	3°-1 ¹	5°-5.58 ¹	10°-2.14 ¹	9°-8.78 ¹	4°-9 ¹
W 435 C	143.369	155.405 ¹	3°-0.78 ¹	5°-5.12 ¹	10°-2.38 ¹	9°-8.34 ¹	4°-9.18 ¹
W 436 C	143.270	155.441 ¹	3°-0.34 ¹	5°-5.38 ¹	10°-2.12 ¹	9°-8.58 ¹	4°-8.78 ¹
W 437 C	143.162	155.476 ¹	3°-0.34 ¹	5°-5.18 ¹	10°-2.58 ¹	9°-8.12 ¹	4°-8.34 ¹
W 438 C	143.050	155.513 ¹	3°-0.58 ¹	5°-5 ¹	10°-3.34 ¹	9°-7.38 ¹	4°-8.12 ¹
W 439 C	142.927	155.548 ¹	3°-0.12 ¹	5°-4.78 ¹	10°-3.78 ¹	9°-6.14 ¹	4°-8.12 ¹
W 440 C	142.797	155.582 ¹	3°-0.38 ¹	5°-4.58 ¹	10°-4 ¹	9°-6.18 ¹	4°-8.12 ¹
W 441 C	142.660	155.618 ¹	3°-0.14 ¹	5°-4.12 ¹	10°-3.18 ¹	9°-8 ¹	4°-8.38 ¹
W 442 C	142.515	155.650 ¹	3°-0.18 ¹	5°-4.38 ¹	10°-3.38 ¹	9°-7.78 ¹	4°-8.14 ¹
W 443 C	142.360	155.684 ¹	3°-0 ¹	5°-4.14 ¹	10°-3.12 ¹	9°-7.34 ¹	4°-8.14 ¹
W 444 C	142.199	155.717 ¹	3°-11.78 ¹	5°-4.18 ¹	10°-3.58 ¹	9°-5.78 ¹	4°-8.18 ¹
W 445 C	142.038	155.750 ¹	3°-11.38 ¹	5°-3.34 ¹	10°-4.34 ¹	9°-4.78 ¹	4°-8.18 ¹
W 446 C	141.888	155.784 ¹	3°-11.58 ¹	5°-3.78 ¹	10°-3.78 ¹	9°-7.38 ¹	4°-8 ¹
W 447 C	141.660	155.816 ¹	3°-11.12 ¹	5°-3.34 ¹	10°-4 ¹	9°-7.14 ¹	4°-7.78 ¹
W 448 C	141.422	155.846 ¹	3°-11.14 ¹	5°-3.58 ¹	10°-4.18 ¹	9°-7.18 ¹	4°-7.34 ¹
W 449 C	141.256	155.879 ¹	3°-11.18 ¹	5°-3.12 ¹	10°-4.38 ¹	9°-7 ¹	4°-7.34 ¹
W 450 C	141.040	155.909 ¹	3°-11.1 ¹	5°-3.38 ¹	10°-4.12 ¹	9°-6.78 ¹	4°-7.58 ¹
W 451 C	140.815	155.942 ¹	3°-10.78 ¹	5°-3.14 ¹	10°-4.58 ¹	9°-6.34 ¹	4°-7.12 ¹
W 452 C	140.579	155.972 ¹	3°-10.58 ¹	5°-3.14 ¹	10°-4.34 ¹	9°-6.58 ¹	4°-7.12 ¹
W 453 C	140.369	156.001 ¹	3°-10.18 ¹	5°-2.34 ¹	10°-4.78 ¹	9°-5.78 ¹	4°-6.78 ¹
W 454 C	140.076	156.032 ¹	3°-10.14 ¹	5°-3 ¹	10°-5 ¹	9°-5.38 ¹	4°-7.14 ¹
W 455 C	139.803	156.061 ¹	3°-10.18 ¹	5°-3 ¹	10°-5.14 ¹	9°-6.14 ¹	4°-7.18 ¹
W 456 C	139.531	156.090 ¹	3°-9.78 ¹	5°-2.78 ¹	10°-5.38 ¹	9°-6.18 ¹	4°-7.18 ¹
W 457 C	139.241	156.120 ¹	3°-9.34 ¹	5°-2.78 ¹	10°-5.12 ¹	9°-6 ¹	4°-7.1 ¹
W 458 C	138.939	156.148 ¹	3°-9.18 ¹	5°-2.34 ¹	10°-5.18 ¹	9°-5.78 ¹	4°-6.78 ¹
W 459 C	138.626	156.176 ¹	3°-9.14 ¹	5°-2.34 ¹	10°-5.78 ¹	9°-5.34 ¹	4°-6.84 ¹
W 460 C	138.299	156.204 ¹	3°-9.18 ¹	5°-2.58 ¹	10°-5 ¹	9°-5.78 ¹	4°-6.58 ¹
W 461 C	137.968	156.231 ¹	3°-8.38 ¹	5°-2.34 ¹	10°-5.38 ¹	9°-5.38 ¹	4°-6.58 ¹
W 462 C	137.608	156.261 ¹	3°-8.58 ¹	5°-2.58 ¹	10°-5.14 ¹	9°-5.12 ¹	4°-6.12 ¹
W 463 C	137.242	156.288 ¹	3°-8.38 ¹	5°-2.12 ¹	10°-5.12 ¹	9°-5.38 ¹	4°-6.38 ¹
W 464 C	136.863	156.315 ¹	3°-8.18 ¹	5°-2.12 ¹	10°-6.58 ¹	9°-5.14 ¹	4°-6.18 ¹
W 465 C	136.467	156.341 ¹	3°-8 ¹	5°-2.12 ¹	10°-6.34 ¹	9°-5.18 ¹	4°-6.18 ¹
W 466 C	136.058	156.368 ¹	3°-7.34 ¹	5°-2.12 ¹	10°-7.78 ¹	9°-5.18 ¹	4°-6 ¹
W 467 C	135.632	156.394 ¹	3°-7.12 ¹	5°-2.12 ¹	10°-7.18 ¹	9°-5 ¹	4°-5.78 ¹
W 468 C	135.199	156.419 ¹	3°-7.14 ¹	5°-2.12 ¹	10°-7.14 ¹	9°-4.78 ¹	4°-5.78 ¹
W 469 C	134.731	156.446 ¹	3°-7.18 ¹	5°-2.12 ¹	10°-7.38 ¹	9°-4.78 ¹	4°-5.58 ¹
W 470 C	134.256	156.470 ¹	3°-6.34 ¹	5°-2.12 ¹	10°-7.58 ¹	9°-4.34 ¹	4°-5.14 ¹
W 471 C	133.761	156.495 ¹	3°-6.12 ¹	5°-2.12 ¹	10°-7.34 ¹	9°-4.58 ¹	4°-5.38 ¹
W 472 C	133.250	156.521 ¹	3°-6.14 ¹	5°-2.12 ¹	10°-7.78 ¹	9°-4.58 ¹	4°-5.38 ¹
W 473 C	132.718	156.545 ¹	3°-6 ¹	5°-2.12 ¹	10°-8 ¹	9°-4.12 ¹	4°-5.14 ¹
W 474 C	132.168	156.569 ¹	3°-5.58 ¹	5°-2.12 ¹	10°-8.14 ¹	9°-4.38 ¹	4°-5.18 ¹
W 475 C	131.595	156.594 ¹	3°-5.38 ¹	5°-2.12 ¹	10°-8.38 ¹	9°-4.38 ¹	4°-5 ¹
W 476 C	131.009	156.619 ¹	3°-5.18 ¹	5°-2.58 ¹	10°-8.12 ¹	9°-4.38 ¹	4°-4.78 ¹
W 477 C	130.398	156.641 ¹	3°-4.78 ¹	5°-2.58 ¹	10°-8.34 ¹	9°-4.14 ¹	4°-4.34 ¹
W 478 C	129.747	156.665 ¹	3°-4.58 ¹	5°-2.58 ¹	10°-8.78 ¹	9°-4.18 ¹	4°-4.58 ¹
W 479 C	129.095	156.688 ¹	3°-4.38 ¹	5°-2.34 ¹	10°-9.18 ¹	9°-4.18 ¹	4°-4.12 ¹
W 480 C	128.398	156.711 ¹	3°-4.18 ¹	5°-2.34 ¹	10°-9.14 ¹	9°-4.18 ¹	4°-4.38 ¹
W 481 C	127.687	156.734 ¹	3°-3.34 ¹	5°-2.78 ¹	10°-9.38 ¹	9°-4 ¹	4°-4.14 ¹
W 482 C	126.948	156.756 ¹	3°-3.12 ¹	5°-2.78 ¹	10°-9.58 ¹	9°-4 ¹	4°-4.14 ¹
W 483 C	126.182	156.778 ¹	3°-3.14 ¹	5°-3 ¹	10°-9.34 ¹	9°-4 ¹	4°-4.18 ¹
W 484 C	125.400	156.801 ¹	3°-2.34 ¹	5°-2.58 ¹	10°-9.78 ¹	9°-3.78 ¹	4°-4.18 ¹
W 485 C	124.565	156.822 ¹	3°-2.34 ¹	5°-3.18 ¹	10°-10.18 ¹	9°-4.3 ¹	4°-3.78 ¹
W 486 C	123.713	156.844 ¹	3°-2.12 ¹	5°-3.14 ¹	10°-10.14 ¹	9°-4 ¹	4°-3.34 ¹
W 487 C	122.831	156.865 ¹	3°-2.18 ¹	5°-3.14 ¹	10°-10.12 ¹	9°-4 ¹	4°-3.58 ¹
W 488 C	121.915	157.054 ¹	3°-1.78 ¹	5°-3.14 ¹	10°-10.34 ¹	9°-4 ¹	4°-3.12 ¹
W 489 B	157.281	5°-3.18 ¹	3°-1.18 ¹			7°-2.14 ¹	4°-3.14 ¹
W 490 B	157.498	5°-5.18 ¹	3°-1.12 ¹			7°-0.78 ¹	4°-3.14 ¹
W 491 B	157.769	4°-11.38 ¹	3°-1.12 ¹			6°-10.18 ¹	4°-3.14 ¹
W 492 B	157.910	5°-5.18 ¹	3°-1.12 ¹			7°-0.78 ¹	4°-3.14 ¹
W 493 B	158.103	4°-7.78 ¹	3°-0.58 ¹			6°-8.12 ¹	4°-3 ¹
W 494 B	158.289	4°-6.18 ¹	3°-1.1 ¹			6°-8.12 ¹	4°-2.78 ¹
W 495 B	158.468	4°-4.38 ¹	3°-1.38 ¹			6°-5.34 ¹	4°-2.34 ¹
W 496 B	158.640	4°-2.58 ¹	3°-1.34 ¹			6°-4.12 ¹	4°-2.58 ¹
W 497 B	158.804	4°-1 ¹	3°-2.18 ¹			6°-3.18 ¹	4°-2.12 ¹
W 498 B	158.964	3°-11.14 ¹	3°-2.12 ¹			6°-1.78 ¹	4°-2.58 ¹
W 499 B	159.117	3°-9.58					

W BRIDGE - M RUN							
ID	A01	A02	L01	L02	L03	LTOT	E01
W_M_1_A			0'-4.18"	1'-10.14"	1'-10.14"	4'-0.12"	1'-8.12"
W_M_2_A			0'-4.58"	1'-10.14"	1'-10.14"	4'-1.1"	1'-8.78"
W_M_3_A			0'-5.18"	1'-10.14"	1'-10.14"	4'-1.58"	1'-9.18"
W_M_4_A			0'-5.34"	1'-10.14"	1'-10.14"	4'-2.18"	1'-9.12"
W_M_5_A			0'-6.14"	1'-10.14"	1'-10.14"	4'-2.58"	1'-9.78"
W_M_6_A			0'-6.34"	1'-10.14"	1'-10.14"	4'-3.18"	1'-10.18"
W_M_7_A			0'-7.14"	1'-10.14"	1'-10.14"	4'-3.58"	1'-10.78"
W_M_8_A			0'-7.34"	1'-10.14"	1'-10.14"	4'-4.14"	1'-10.78"
W_M_9_A			0'-8.38"	1'-10.14"	1'-10.14"	4'-4.34"	1'-11.18"
W_M_10_A			0'-8.78"	1'-10.14"	1'-10.14"	4'-5.14"	1'-11.12"
W_M_11_A			0'-9.38"	1'-10.14"	1'-10.14"	4'-5.34"	1'-11.78"
W_M_12_A			0'-9.78"	1'-10.14"	1'-10.14"	4'-6.38"	2'-0.18"
W_M_13_A			0'-10.12"	1'-10.14"	1'-10.14"	4'-6.78"	2'-0.12"
W_M_14_A			0'-1.1"	1'-10.14"	1'-10.14"	4'-7.38"	2'-0.78"
W_M_15_A			0'-11.12"	1'-10.14"	1'-10.14"	4'-7.78"	2'-1.14"
W_M_16_A			1'-0"	1'-10.14"	1'-10.14"	4'-8.12"	2'-1.12"
W_M_17_A			1'-0.12"	1'-10.14"	1'-10.14"	4'-9.34"	2'-1.78"
W_M_18_A			1'-1.18"	1'-10.14"	1'-10.14"	4'-9.12"	2'-2.14"
W_M_19_A			1'-1.58"	1'-10.14"	1'-10.14"	4'-10"	2'-2.12"
W_M_20_A			1'-2.18"	1'-10.14"	1'-10.14"	4'-10.12"	2'-2.78"
W_M_21_A			1'-2.58"	1'-10.14"	1'-10.14"	4'-11.18"	2'-3.18"
W_M_22_A			1'-3.14"	1'-10.14"	1'-10.14"	4'-11.58"	2'-3.12"
W_M_23_A			1'-3.34"	1'-10.14"	1'-10.14"	5'-0.18"	2'-3.78"
W_M_24_A			1'-4.14"	1'-10.14"	1'-10.14"	5'-0.58"	2'-4.14"
W_M_25_A			1'-4.34"	1'-10.14"	1'-10.14"	5'-1.14"	2'-4.58"
W_M_26_A			1'-5.38"	1'-10.14"	1'-10.14"	5'-1.34"	2'-4.78"
W_M_27_A			1'-5.78"	1'-10.14"	1'-10.14"	5'-2.14"	2'-5.14"
W_M_28_A			1'-6.38"	1'-10.14"	1'-10.14"	5'-2.34"	2'-5.58"
W_M_29_A			1'-6.78"	1'-10.14"	1'-10.14"	5'-3.14"	2'-5.78"
W_M_30_A			1'-7.38"	1'-10.14"	1'-10.14"	5'-3.78"	2'-6.14"
W_M_31_A			1'-8"	1'-10.14"	1'-10.14"	5'-4.38"	2'-6.58"
W_M_32_A			1'-8.12"	1'-10.14"	1'-10.14"	5'-4.78"	2'-6.78"
W_M_33_A			1'-9"	1'-10.14"	1'-10.14"	5'-5.38"	2'-7.14"
W_M_34_A			1'-9.12"	1'-10.14"	1'-10.14"	5'-6"	2'-7.58"
W_M_35_A			1'-10.18"	1'-10.14"	1'-10.14"	5'-6.12"	2'-8"
W_M_36_A			1'-10.58"	1'-10.14"	1'-10.14"	5'-7"	2'-8.14"
W_M_37_A			1'-11.18"	1'-10.14"	1'-10.14"	5'-7.12"	2'-8.58"
W_M_38_A			1'-11.58"	1'-10.14"	1'-10.14"	5'-8.18"	2'-9"
W_M_39_A			2'-0.18"	1'-10.14"	1'-10.14"	5'-8.58"	2'-9.14"
W_M_40_A			2'-0.34"	1'-10.14"	1'-10.14"	5'-9.18"	2'-9.58"
W_M_41_A			2'-1.14"	1'-10.14"	1'-10.14"	5'-9.58"	2'-10"
W_M_42_A			2'-1.34"	1'-10.14"	1'-10.14"	5'-10.34"	2'-10.14"
W_M_43_A			2'-2.14"	1'-10.14"	1'-10.14"	5'-10.78"	2'-10.58"
W_M_44_A			2'-2.78"	1'-10.14"	1'-10.14"	5'-11.14"	2'-11"
W_M_45_A			2'-3.38"	1'-10.14"	1'-10.14"	5'-11.34"	2'-11.14"
W_M_46_A			2'-3.78"	1'-10.14"	1'-10.14"	6'-0.14"	2'-11.58"
W_M_47_A			2'-4.38"	1'-10.14"	1'-10.14"	6'-0.78"	2'-11.78"
W_M_48_A			2'-5"	1'-10.14"	1'-10.14"	6'-1.38"	3'-0.14"
W_M_49_A			2'-5.12"	1'-10.14"	1'-10.14"	6'-1.78"	3'-0.18"
W_M_50_A			2'-6"	1'-10.14"	1'-10.14"	6'-2.38"	3'-0.34"
W_M_51_A			2'-6.38"	1'-10.14"	1'-10.14"	6'-2.34"	3'-1.18"
W_M_52_A			2'-6.58"	1'-10.14"	1'-10.14"	6'-3.18"	3'-1.38"
W_M_53_A			2'-7"	1'-10.14"	1'-10.14"	6'-3.38"	3'-1.58"
W_M_54_A			2'-7.38"	1'-10.14"	1'-10.14"	6'-3.34"	3'-2"
W_M_55_A			2'-7.58"	1'-10.14"	1'-10.14"	6'-4"	3'-2.14"
W_M_56_A			2'-8"	1'-10.14"	1'-10.14"	6'-4.38"	3'-2.12"
W_M_57_A			2'-8.38"	1'-10.14"	1'-10.14"	6'-4.34"	3'-2.34"
W_M_58_A			2'-8.34"	1'-10.14"	1'-10.14"	6'-5.18"	3'-3.18"
W_M_59_A			2'-9"	1'-10.14"	1'-10.14"	6'-5.12"	3'-3.38"
W_M_60_A			2'-9.38"	1'-10.14"	1'-10.14"	6'-5.78"	3'-3.58"
W_M_61_A			2'-9.34"	1'-10.14"	1'-10.14"	6'-6.18"	3'-3.78"
W_M_62_A			2'-10.18"	1'-10.14"	1'-10.14"	6'-6.12"	3'-4.18"
W_M_63_A			2'-10.12"	1'-10.14"	1'-10.14"	6'-6.78"	3'-4.12"
W_M_64_A			2'-10.78"	1'-10.14"	1'-10.14"	6'-7.14"	3'-4.34"
W_M_65_A			2'-11.18"	1'-10.14"	1'-10.14"	6'-7.58"	3'-5"
W_M_66_A			2'-11.12"	1'-10.14"	1'-10.14"	6'-7.78"	3'-5.14"
W_M_67_A			2'-11.78"	1'-10.14"	1'-10.14"	6'-8.14"	3'-5.12"
W_M_68_A			3'-0.14"	1'-10.14"	1'-10.14"	6'-8.58"	3'-5.34"
W_M_69_A			3'-0.12"	1'-10.14"	1'-10.14"	6'-9"	3'-6"
W_M_70_A			3'-0.78"	1'-10.14"	1'-10.14"	6'-9.78"	3'-6.14"
W_M_71_A			3'-1.14"	1'-10.14"	1'-10.14"	6'-9.58"	3'-6.58"
W_M_72_A			3'-1.58"	1'-10.14"	1'-10.14"	6'-10"	3'-6.78"
W_M_73_A			3'-1.78"	1'-10.14"	1'-10.14"	6'-10.14"	3'-7.18"
W_M_74_A			3'-2.14"	1'-10.14"	1'-10.14"	6'-10.58"	3'-7.38"
W_M_75_A			3'-2.12"	1'-10.14"	1'-10.14"	6'-11"	3'-7.58"
W_M_76_A			3'-2.78"	1'-10.14"	1'-10.14"	6'-11.14"	3'-7.78"
W_M_77_A			3'-3.14"	1'-10.14"	1'-10.14"	6'-11.58"	3'-8.18"
W_M_78_A			3'-3.12"	1'-10.14"	1'-10.14"	6'-11.78"	3'-8.38"
W_M_79_A			3'-3.78"	1'-10.14"	1'-10.14"	7'-0.14"	3'-8.58"
W_M_80_A			3'-4.18"	1'-10.14"	1'-10.14"	7'-0.18"	3'-8.78"
W_M_81_A			3'-4.12"	1'-10.14"	1'-10.14"	7'-0.78"	3'-9.18"
W_M_82_A			3'-4.78"	1'-10.14"	1'-10.14"	7'-1.14"	3'-9.38"
W_M_83_A			3'-5.18"	1'-10.14"	1'-10.14"	7'-1.12"	3'-9.58"
W_M_84_A			3'-5.12"	1'-10.14"	1'-10.14"	7'-1.78"	3'-9.78"
W_M_85_A			3'-5.34"	1'-10.14"	1'-10.14"	7'-2.18"	3'-10.18"
W_M_86_A			3'-6.18"	1'-10.14"	1'-10.14"	7'-2.12"	3'-10.38"
W_M_87_A			3'-6.38"	1'-10.14"	1'-10.14"	7'-2.34"	3'-10.58"
W_M_88_A			3'-6.58"	1'-10.14"	1'-10.14"	7'-3.18"	3'-10.34"
W_M_89_A			3'-7"	1'-10.14"	1'-10.14"	7'-3.38"	3'-11"
W_M_90_A			3'-7.14"	1'-10.14"	1'-10.14"	7'-3.34"	3'-11.14"
W_M_91_A			3'-7.58"	1'-10.14"	1'-10.14"	7'-3.78"	3'-11.58"
W_M_92_A			3'-7.78"	1'-10.14"	1'-10.14"	7'-4.14"	3'-11.34"
W_M_93_A			3'-8.18"	1'-10.14"	1'-10.14"	7'-4.58"	4'-0"
W_M_94_A			3'-8.12"	1'-10.14"	1'-10.14"	7'-4.78"	4'-0.14"
W_M_95_A			3'-8.34"	1'-10.14"	1'-10.14"	7'-5.18"	4'-0.38"
W_M_96_A			3'-9"	1'-10.14"	1'-10.14"	7'-5.12"	4'-0.58"
W_M_97_A			3'-9.38"	1'-10.14"	1'-10.14"	7'-5.34"	4'-0.78"
W_M_98_A			3'-9.58"	1'-10.14"	1'-10.14"	7'-6"	4'-0.78"
W_M_99_A			3'-9.78"	1'-10.14"	1'-10.14"	7'-6.14"	4'-1.38"
W_M_100_A			3'-10.18"	1'-10.14"	1'-10.14"	7'-6.58"	4'-1.12"
W_M_101_A			3'-10.12"	1'-10.14"	1'-10.14"	7'-6.78"	4'-1.34"
W_M_102_A			3'-10.34"	1'-10.14"	1'-10.14"	7'-7.18"	4'-2"
W_M_103_A			3'-11"	1'-10.14"	1'-10.14"	7'-7.38"	4'-2.14"
W_M_104_A			3'-11.14"	1'-10.14"	1'-10.14"	7'-7.58"	4'-2.38"
W_M_105_A			3'-11.12"	1'-10.14"	1'-10.14"	7'-8.12"	4'-2.58"
W_M_106_A			3'-11.34"	1'-10.14"	1'-10.14"	7'-8.14"	4'-2.78"
W_M_107_A			4'-0"	1'-10.14"	1'-10.14"	7'-8.12"	4'-3.18"
W_M_108_A			4'-0.38"	1'-10.14"	1'-10.14"	7'-8.34"	4'-3.14"
W_M_109_A			4'-0.58"	1'-10.14"	1'-10.14"	7'-9"	4'-3.12"
W_M_110_A			4'-0.78"	1'-10.14"	1'-10.14"	7'-9.14"	4'-3.34"
W_M_111_A			4'-1.18"	1'-10.14"	1'-10.14"	7'-9.12"	4'-3.78"
W_M_112_A			4'-1.38"	1'-10.14"	1'-10.14"	7'-9.78"	4'-3.78"
W_M_113_A			4'-1.58"	1'-10.14"	1'-10.14"	7'-10.12"	4'-3.78"
W_M_114_A			4'-1.78"	1'-10.14"	1'-10.14"	7'-10.14"	4'-4.12"
W_M_115_A			4'-2.18"	1'-10.14"	1'-10.14"	7'-10.12"	4'-4.34"
W_M_116_A			4'-2.38"	1'-10.14"	1'-10.14"	7'-10.34"	4'-4.78"
W_M_117_A			4'-2.58"	1'-10.14"	1'-10.14"	7'-11"	4'-5.18"
W_M_118_A			4'-2.78"	1'-10.14"	1'-10.14"	7'-11.14"	4'-5.14"
W_M_119_A			4'-3.18"	1'-10.14"	1'-10.14"	7'-11.12"	4'-5.12"
W_M_120_A			4'-3.38"	1'-10.14"	1'-10.14"	7'-11.34"	4'-5.34"
W_M_121_A			4'-3.58"	1'-10.14"	1'-10.14"	8'-0"	4'-5.78"
W_M_122_A			4'-3.78"	1'-10.14"	1'-10.14"	8'-0.14"	4'-6.18"
W_M_123_A			4'-4.18"	1'-10.14"	1'-10.14"	8'-0.58"	4'-6.14"
W_M_124_A			4'-4.38"	1'-10.14"	1'-10.14"	8'-0.34"	4'-6.12"
W_M_125_A			4'-4.58"	1'-10.14"	1'-10.14"	8'-1"	4'-6.58"
W_M_126_A			4'-4.78"	1'-10.14"	1'-10.14"	8'-1.14"	4'-6.78"
W_M_127_A			4'-4.98"	1'-10.14"	1'-10.14"	8'-1.12"	4'-7"
W_M_128_A			4'-5.38"	1'-10.14"	1'-10.14"	8'-1.34"	4'-7.14"
W_M_129_A			4'-5.58"	1'-10.14"	1'-10.14"	8'-2"	4'-7.38"
W_M_130_A			4'-5.78"	1'-10.14"	1'-10.14"	8'-2.14"	4'-7.58"
W_M_131_A			4'-6.18"	1'-10.14"	1'-10.14"	8'-2.12"	4'-7.34"
W_M_132_A			4'-6.38"	1'-10.14"	1'-10.14"	8'-2.34"	4'-7.78"
W_M_133_A			4'-6.12"	1'-10.14"	1'-10.14"	8'-3"	4'-8.18"
W_M_134_A			4'-6.34"	1'-10.14"	1'-10.14"	8'-3.14"	4'-8.14"

W BRIDGE - M RUN							
ID	A01	A02	L01	L02	L03	LTOT	E01
W.M.135.A			4'-7"	1'-10.14"	1'-10.14"	8'-3.38"	4'-8.12"
W.M.136.A			4'-7.14"	1'-10.14"	1'-10.14"	8'-3.58"	4'-8.58"
W.M.137.A			4'-7.12"	1'-10.14"	1'-10.14"	8'-3.78"	4'-8.34"
W.M.138.A			4'-7.58"	1'-10.14"	1'-10.14"	8'-4.18"	4'-9"
W.M.139.A			4'-7.78"	1'-10.14"	1'-10.14"	8'-4.14"	4'-9.18"
W.M.140.A			4'-8.18"	1'-10.14"	1'-10.14"	8'-4.12"	4'-9.14"
W.M.141.A			4'-8.38"	1'-10.14"	1'-10.14"	8'-4.34"	4'-9.38"
W.M.142.A			4'-8.12"	1'-10.14"	1'-10.14"	8'-5"	4'-9.58"
W.M.143.A			4'-8.34"	1'-10.14"	1'-10.14"	8'-5.18"	4'-9.34"
W.M.144.A			4'-9"	1'-10.14"	1'-10.14"	8'-5.38"	4'-10"
W.M.145.A			4'-9.18"	1'-10.14"	1'-10.14"	8'-5.58"	4'-10.18"
W.M.146.A			4'-9.38"	1'-10.14"	1'-10.14"	8'-5.34"	4'-10.14"
W.M.147.A			4'-9.58"	1'-10.14"	1'-10.14"	8'-6"	4'-10.38"
W.M.148.A			4'-9.34"	1'-10.14"	1'-10.14"	8'-6.18"	4'-10.58"
W.M.149.A			4'-9"	1'-10.14"	1'-10.14"	8'-6.38"	4'-10.78"
W.M.150.A			4'-10.18"	1'-10.14"	1'-10.14"	8'-6.58"	4'-10.78"
W.M.151.A			4'-10.38"	1'-10.14"	1'-10.14"	8'-6.11"	4'-11"
W.M.152.A			4'-10.12"	1'-10.14"	1'-10.14"	8'-7"	4'-11.14"
W.M.153.A			4'-10.34"	1'-10.14"	1'-10.14"	8'-7.18"	4'-11.18"
W.M.154.A			4'-10.78"	1'-10.14"	1'-10.14"	8'-7.38"	4'-11.38"
W.M.155.A			4'-11.18"	1'-10.14"	1'-10.14"	8'-7.12"	4'-11.58"
W.M.156.A			4'-11.14"	1'-10.14"	1'-10.14"	8'-7.34"	4'-11.34"
W.M.157.A			4'-11.12"	1'-10.14"	1'-10.14"	8'-7.78"	4'-11.78"
W.M.158.A			4'-11.58"	1'-10.14"	1'-10.14"	8'-7.21"	4'-11.98"
W.M.159.A			4'-11.78"	1'-10.14"	1'-10.14"	8'-8.14"	4'-12.14"
W.M.160.A			5'-0"	1'-10.14"	1'-10.14"	8'-8.38"	4'-12.38"
W.M.161.A			5'-0.18"	1'-10.14"	1'-10.14"	8'-8.58"	4'-12.58"
W.M.162.A			5'-0.38"	1'-10.14"	1'-10.14"	8'-8.34"	4'-12.54"
W.M.163.A			5'-0.12"	1'-10.14"	1'-10.14"	8'-8.78"	4'-13.04"
W.M.164.A			5'-0.58"	1'-10.14"	1'-10.14"	8'-9.18"	4'-13.58"
W.M.165.A			5'-0.78"	1'-10.14"	1'-10.14"	8'-8.98"	4'-13.38"
W.M.166.A			5'-1"	1'-10.14"	1'-10.14"	8'-9.38"	4'-13.78"
W.M.167.A			5'-1.18"	1'-10.14"	1'-10.14"	8'-9.58"	4'-13.98"
W.M.168.A			5'-1.38"	1'-10.14"	1'-10.14"	8'-9.34"	4'-13.94"
W.M.169.A			5'-1.12"	1'-10.14"	1'-10.14"	8'-9.78"	4'-14.38"
W.M.170.A			5'-1.58"	1'-10.14"	1'-10.14"	8'-1"	4'-14.58"
W.M.171.A			5'-1.34"	1'-10.14"	1'-10.14"	8'-10.18"	4'-14.78"
W.M.172.A			5'-1.78"	1'-10.14"	1'-10.14"	8'-10.38"	4'-15.18"
W.M.173.A			5'-2.18"	1'-10.14"	1'-10.14"	8'-10.12"	4'-15.12"
W.M.174.A			5'-2.14"	1'-10.14"	1'-10.14"	8'-10.58"	4'-15.58"
W.M.175.A			5'-2.38"	1'-10.14"	1'-10.14"	8'-10.34"	4'-15.54"
W.M.176.A			5'-2.12"	1'-10.14"	1'-10.14"	8'-10.78"	4'-15.98"
W.M.177.A			5'-2.58"	1'-10.14"	1'-10.14"	8'-11.18"	4'-16.22"
W.M.178.A			5'-2.78"	1'-10.14"	1'-10.14"	8'-11.14"	4'-16.18"
W.M.179.A			5'-3"	1'-10.14"	1'-10.14"	8'-11.58"	4'-16.58"
W.M.180.A			5'-3.18"	1'-10.14"	1'-10.14"	8'-11.58"	4'-16.58"
W.M.181.A			5'-3.38"	1'-10.14"	1'-10.14"	8'-11.34"	4'-16.34"
W.M.182.A			5'-3.12"	1'-10.14"	1'-10.14"	8'-11.78"	4'-16.78"
W.M.183.A			5'-3.58"	1'-10.14"	1'-10.14"	9'-0"	4'-17.18"
W.M.184.A			5'-3.34"	1'-10.14"	1'-10.14"	9'-0.14"	4'-17.38"
W.M.185.A			5'-4"	1'-10.14"	1'-10.14"	9'-0.38"	4'-17.38"
W.M.186.A			5'-4.18"	1'-10.14"	1'-10.14"	9'-0.58"	4'-17.58"
W.M.187.A			5'-4.14"	1'-10.14"	1'-10.14"	9'-0.58"	4'-17.58"
W.M.188.A			5'-4.38"	1'-10.14"	1'-10.14"	9'-0.34"	4'-17.34"
W.M.189.A			5'-4.12"	1'-10.14"	1'-10.14"	9'-1"	4'-17.58"
W.M.190.A			5'-4.58"	1'-10.14"	1'-10.14"	9'-1.18"	4'-18"
W.M.191.A			5'-4.78"	1'-10.14"	1'-10.14"	9'-1.14"	4'-18"
W.M.192.A			5'-5"	1'-10.14"	1'-10.14"	9'-1.38"	4'-18.18"
W.M.193.A			5'-5.18"	1'-10.14"	1'-10.14"	9'-1.12"	4'-18.12"
W.M.194.A			5'-5.14"	1'-10.14"	1'-10.14"	9'-1.58"	4'-18.58"
W.M.195.A			5'-5.38"	1'-10.14"	1'-10.14"	9'-1.34"	4'-18.38"
W.M.196.A			5'-5.12"	1'-10.14"	1'-10.14"	9'-1.78"	4'-19.12"
W.M.197.A			5'-5.58"	1'-10.14"	1'-10.14"	9'-2"	4'-19.58"
W.M.198.A			5'-5.34"	1'-10.14"	1'-10.14"	9'-2.18"	4'-19.78"
W.M.199.A			5'-5.78"	1'-10.14"	1'-10.14"	9'-2.14"	4'-19.74"
W.M.200.A			5'-6"	1'-10.14"	1'-10.14"	9'-2.38"	4'-20.38"
W.M.201.A			5'-6.18"	1'-10.14"	1'-10.14"	9'-2.38"	4'-20.38"
W.M.202.A			5'-6.14"	1'-10.14"	1'-10.14"	9'-2.58"	4'-20.58"
W.M.203.A			5'-6.38"	1'-10.14"	1'-10.14"	9'-2.34"	4'-20.34"
W.M.204.A			5'-6.38"	1'-10.14"	1'-10.14"	9'-2.78"	4'-20.78"
W.M.205.A			5'-6.12"	1'-10.14"	1'-10.14"	9'-3"	4'-21.14"
W.M.206.A			5'-6.58"	1'-10.14"	1'-10.14"	9'-3"	4'-21.58"
W.M.207.A			5'-6.34"	1'-10.14"	1'-10.14"	9'-3.18"	4'-21.38"
W.M.208.A			5'-6.78"	1'-10.14"	1'-10.14"	9'-3.18"	4'-21.38"
W.M.209.A			5'-7"	1'-10.14"	1'-10.14"	9'-3.38"	4'-21.58"
W.M.210.A			5'-7.18"	1'-10.14"	1'-10.14"	9'-3.12"	4'-21.58"
W.M.211.A			5'-7.18"	1'-10.14"	1'-10.14"	9'-3.58"	4'-21.98"
W.M.212.A			5'-7.14"	1'-10.14"	1'-10.14"	9'-3.58"	4'-21.98"
W.M.213.A			5'-7.38"	1'-10.14"	1'-10.14"	9'-3.34"	4'-21.74"
W.M.214.A			5'-7.12"	1'-10.14"	1'-10.14"	9'-3.78"	4'-22.18"
W.M.215.A			5'-7.12"	1'-10.14"	1'-10.14"	9'-3.78"	4'-22.18"
W.M.216.A			5'-7.58"	1'-10.14"	1'-10.14"	9'-4"	4'-22.58"
W.M.217.A			5'-7.34"	1'-10.14"	1'-10.14"	9'-4.18"	4'-22.68"
W.M.218.A			5'-7.34"	1'-10.14"	1'-10.14"	9'-4.14"	4'-22.64"
W.M.219.A			5'-7.78"	1'-10.14"	1'-10.14"	9'-4.14"	4'-23.18"
W.M.220.A			5'-8"	1'-10.14"	1'-10.14"	9'-4.38"	4'-23.38"
W.M.221.A			5'-8"	1'-10.14"	1'-10.14"	9'-4.38"	4'-23.38"
W.M.222.A			5'-8.18"	1'-10.14"	1'-10.14"	9'-4.38"	4'-23.38"
W.M.223.A			5'-8.18"	1'-10.14"	1'-10.14"	9'-4.58"	4'-23.58"
W.M.224.A			5'-8.14"	1'-10.14"	1'-10.14"	9'-4.58"	4'-23.58"
W.M.225.A			5'-8.14"	1'-10.14"	1'-10.14"	9'-4.34"	4'-23.58"
W.M.226.A			5'-8.38"	1'-10.14"	1'-10.14"	9'-4.34"	4'-23.58"
W.M.227.A			5'-8.38"	1'-10.14"	1'-10.14"	9'-4.78"	4'-23.98"
W.M.228.A			5'-8.12"	1'-10.14"	1'-10.14"	9'-4.78"	4'-23.98"
W.M.229.A			5'-8.12"	1'-10.14"	1'-10.14"	9'-5"	4'-24.18"
W.M.230.A			5'-8.58"	1'-10.14"	1'-10.14"	9'-5"	4'-24.58"
W.M.231.A			5'-8.58"	1'-10.14"	1'-10.14"	9'-5.18"	4'-24.78"
W.M.232.A			5'-8.34"	1'-10.14"	1'-10.14"	9'-5.18"	4'-24.78"
W.M.233.A			5'-8.34"	1'-10.14"	1'-10.14"	9'-5.18"	4'-24.78"
W.M.234.A			5'-8.78"	1'-10.14"	1'-10.14"	9'-5.14"	4'-25"
W.M.235.A			5'-8.78"	1'-10.14"	1'-10.14"	9'-5.14"	4'-25"
W.M.236.A			5'-8.78"	1'-10.14"	1'-10.14"	9'-5.38"	4'-25.38"
W.M.237.A			5'-9"	1'-10.14"	1'-10.14"	9'-5.38"	4'-25.38"
W.M.238.A			5'-9"	1'-10.14"	1'-10.14"	9'-5.12"	4'-25.12"
W.M.239.A			5'-9.18"	1'-10.14"	1'-10.14"	9'-5.12"	4'-25.18"
W.M.240.A			5'-9.18"	1'-10.14"	1'-10.14"	9'-5.12"	4'-25.14"
W.M.241.A			5'-9.14"	1'-10.14"	1'-10.14"	9'-5.58"	4'-25.58"
W.M.242.A			5'-9.14"	1'-10.14"	1'-10.14"	9'-5.58"	4'-25.54"
W.M.243.A			5'-9.14"	1'-10.14"	1'-10.14"	9'-5.34"	4'-25.34"
W.M.244.A			5'-9.38"	1'-10.14"	1'-10.14"	9'-5.38"	4'-25.38"
W.M.245.A			5'-9.38"	1'-10.14"	1'-10.14"	9'-5.78"	4'-25.78"
W.M.246.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-5.78"	4'-25.78"
W.M.247.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-5.78"	4'-25.78"
W.M.248.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-6"	4'-26"
W.M.249.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6"	4'-26.38"
W.M.250.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6"	4'-26.38"
W.M.251.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6.12"	4'-26.58"
W.M.252.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6.12"	4'-26.58"
W.M.253.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.18"	4'-27.12"
W.M.254.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.18"	4'-27.12"
W.M.255.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.18"	4'-27.12"
W.M.256.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.12"
W.M.257.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.12"
W.M.258.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.18"	4'-27.58"
W.M.259.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.260.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.261.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.262.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.263.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.264.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.265.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.12"	4'-27.52"
W.M.266.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.267.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"
W.M.268.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	4'-27.54"

E BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
E_N_1	161.811"		0'-6.58"	3'-2.38"		3'-9"	4'-4.18"
E_N_2	161.764"		0'-7.58"	3'-2.18"		3'-9.58"	4'-4.14"
E_N_3	161.715"		0'-8.12"	3'-1.34"		3'-10.14"	4'-4.38"
E_N_4	161.663"		0'-9.12"	3'-1.12"		3'-11.14"	4'-4.12"
E_N_5	161.610"		0'-10.58"	3'-1.18"		3'-11.58"	4'-4.34"
E_N_6	161.561"		0'-9.38"	3'-1.08"		3'-10.38"	4'-4.14"
E_N_7	161.497"		0'-10.58"	3'-0.12"		3'-11.70"	4'-4.58"
E_N_8	161.438"		1'-1.58"	3'-0.18"		4'-1.78"	4'-5.18"
E_N_9	161.376"		1'-2.34"	3'-11.78"		4'-2.58"	4'-5.38"
E_N_10	161.313"		1'-3.78"	2'-11.12"		4'-3.38"	4'-5.12"
E_N_11	161.246"		1'-5"	2'-11.18"		4'-4.14"	4'-5.58"
E_N_12	161.178"		1'-6.14"	2'-10.78"		4'-5"	4'-5.78"
E_N_13	161.107"		1'-7.38"	2'-10.12"		4'-5.78"	4'-6"
E_N_14	161.033"		1'-8.58"	2'-9.38"		4'-6.34"	4'-5.18"
E_N_15	160.957"		1'-9.78"	2'-9.78"		4'-7.58"	4'-6.14"
E_N_16	160.878"		1'-11.18"	2'-9.12"		4'-8.58"	4'-6.12"
E_N_17	160.796"		2'-0.38"	2'-9.18"		4'-9.12"	4'-6.58"
E_N_18	160.712"		2'-1.58"	2'-8.78"		4'-10.12"	4'-6.54"
E_N_19	160.624"		2'-3"	2'-8.12"		4'-11.12"	4'-6.78"
E_N_20	160.535"		2'-4.38"	2'-7.34"		4'-12.12"	4'-6.78"
E_N_21	160.439"		2'-5.34"	2'-7.34"		5'-1.12"	4'-7.14"
E_N_22	160.342"		2'-7.18"	2'-7.12"		5'-2.12"	4'-7.38"
E_N_23	160.242"		2'-8.12"	2'-7.18"		5'-3.58"	4'-7.12"
E_N_24	160.138"		2'-10"	2'-6.34"		5'-4.34"	4'-7.34"
E_N_25	160.030"		2'-11.38"	2'-6.38"		5'-5.78"	4'-7.78"
E_N_26	159.918"		3'-0.78"	2'-6.18"		5'-7"	4'-8"
E_N_27	159.806"		3'-1.98"	2'-5.18"		5'-8.18"	4'-8.18"
E_N_28	159.692"		3'-3.78"	2'-5.38"		5'-9.14"	4'-8.38"
E_N_29	159.558"		3'-5.12"	2'-5"		5'-10.12"	4'-8.12"
E_N_30	159.430"		3'-7"	2'-4.58"		5'-11.34"	4'-8.58"
E_N_31	159.295"		3'-8.58"	2'-4.38"		6'-1"	4'-8.78"
E_N_32	159.158"		3'-10.14"	2'-4.8"		6'-2.14"	4'-9"
E_N_33	159.015"		3'-11.78"	2'-3.58"		6'-3.12"	4'-9.18"
E_N_34	158.868"		3'-13.98"	2'-2.18"		6'-4.18"	4'-9.14"
E_N_35	158.712"		4'-3.14"	2'-2.78"		6'-6.14"	4'-9.12"
E_N_36	158.551"		4'-5"	2'-2.12"		6'-7.12"	4'-9.58"
E_N_37	158.386"		4'-6.34"	2'-2.18"		6'-8.78"	4'-9.34"
E_N_38	158.214"		4'-8.12"	2'-1.78"		6'-10.38"	4'-9.78"
E_N_39	158.035"		4'-10.38"	2'-1.12"		6'-11.34"	4'-10.18"
E_N_40	157.849"		5'-0.18"	2'-1.18"		7'-1.14"	4'-10.14"
E_N_41	157.657"		5'-2"	2'-0.38"		7'-2.38"	4'-10.38"
E_N_42	157.459"		5'-3.78"	2'-0.38"		7'-4.14"	4'-10.12"
E_N_43	157.248"		5'-5.34"	2'-0"		7'-5.34"	4'-10.34"
E_N_44	157.033"		5'-7.58"	1'-11.58"		7'-7.14"	4'-10.78"
E_N_45	156.805"		5'-9.12"	1'-11.14"		7'-8.78"	4'-11"
E_N_46	156.571"		5'-11.12"	1'-10.78"		7'-10.38"	4'-11.14"
E_N_47	156.324"	156.480"	1'-9.18"	6'-0"	1'-10.58"	7'-9.34"	4'-11.38"
E_N_48	156.062"	156.462"	1'-10.38"	5'-1.18"	1'-10.18"	7'-10.38"	4'-11.18"
E_N_49	155.791"	156.445"	1'-12.38"	1'-10.38"	1'-9.34"	7'-13.38"	4'-11.58"
E_N_50	155.504"	156.428"	1'-10.38"	5'-11.18"	1'-10.14"	7'-9.34"	4'-11.34"
E_N_51	155.205"	156.410"	1'-10.34"	5'-10.78"	1'-10"	7'-9.58"	4'-11.78"
E_N_52	154.927"	156.392"	1'-11.18"	5'-10.34"	1'-9.78"	7'-9.58"	4'-10.18"
E_N_53	154.638"	156.373"	1'-11.12"	5'-10.12"	1'-9.34"	7'-9.34"	4'-10.14"
E_N_54	154.339"	156.356"	1'-11.78"	5'-10.14"	1'-9.12"	7'-9.34"	4'-10.38"
E_N_55	154.029"	156.337"	1'-12.38"	5'-10.18"	1'-8.38"	7'-9.34"	4'-10.12"
E_N_56	153.703"	156.317"	1'-13.98"	5'-9.78"	1'-7.18"	7'-9.34"	4'-10.58"
E_N_57	153.346"	156.298"	1'-16.18"	5'-9.58"	1'-6.18"	7'-7.78"	4'-10.34"
E_N_58	152.958"	156.281"	2'-1.12"	5'-9.12"	1'-8.78"	7'-7.78"	4'-10.78"
E_N_59	152.548"	156.260"	2'-1.78"	5'-9.14"	1'-8.34"	7'-8"	4'-11.18"
E_N_60	152.109"	156.242"	2'-2.38"	5'-9.18"	1'-8.58"	7'-8"	4'-11.4"
E_N_61	151.655"	156.222"	2'-2.34"	5'-8.78"	1'-8.12"	7'-8.18"	4'-11.38"
E_N_62	151.184"	156.203"	2'-3.38"	5'-8.18"	1'-7.38"	7'-8.18"	4'-11.18"
E_N_63	150.694"	156.184"	2'-4.38"	5'-8.58"	1'-6.18"	7'-8.18"	4'-11.58"
E_N_64	150.179"	156.161"	2'-5.78"	5'-8.12"	1'-5"	7'-8.38"	4'-11.78"
E_N_65	150.625"	156.140"	2'-4.18"	5'-8.38"	1'-7.78"	7'-8.38"	4'-12.18"
E_N_66	150.044"	156.121"	2'-4.12"	5'-8.14"	1'-7.34"	7'-8.12"	4'-12.18"
E_N_67	149.356"	156.099"	2'-4.78"	5'-8.18"	1'-7.58"	7'-8.58"	4'-12.14"
E_N_68	148.644"	156.077"	2'-5.14"	5'-8.18"	1'-7.38"	7'-8.34"	4'-12.38"
E_N_69	147.908"	156.056"	2'-5.58"	5'-7.14"	1'-6.18"	7'-7.18"	4'-12.12"
E_N_70	147.138"	156.035"	2'-5.78"	5'-7.78"	1'-7.18"	7'-7.18"	4'-12.34"
E_N_71	146.339"	156.012"	2'-6.14"	5'-7.78"	1'-7"	7'-9"	4'-12.78"
E_N_72	145.466"	155.990"	2'-6.12"	5'-7.34"	1'-6.78"	7'-9.18"	4'-13"
E_N_73	144.546"	155.968"	2'-6.78"	5'-7.34"	1'-6.34"	7'-9.14"	4'-13.18"
E_N_74	143.608"	155.946"	2'-7.18"	5'-7.34"	1'-6.12"	7'-9.38"	4'-13.14"
E_N_75	142.649"	155.922"	2'-7.38"	5'-7.58"	1'-6.38"	7'-9.12"	4'-13.58"
E_N_76	141.674"	155.899"	2'-7.34"	5'-7.58"	1'-6.14"	7'-9.58"	4'-13.58"
E_N_77	140.683"	155.876"	2'-8"	5'-7.18"	1'-5.34"	7'-9.34"	4'-13.34"
E_N_78	140.677"	155.852"	2'-8.14"	5'-7.58"	1'-6"	9'-9.78"	4'-13.78"
E_N_79	140.456"	155.827"	2'-8.12"	5'-7.58"	1'-5.78"	9'-10"	4'-14"
E_N_80	140.270"	155.805"	2'-8.34"	5'-7.58"	1'-5.34"	9'-10.18"	4'-14.18"
E_N_81	140.070"	155.779"	2'-9"	5'-7.34"	1'-5.12"	9'-10.14"	4'-14.14"
E_N_82	140.070"	155.756"	2'-9.14"	5'-7.34"	1'-5.38"	9'-10.38"	4'-14.12"
E_N_83	139.830"	155.730"	2'-9.38"	5'-7.34"	1'-5.18"	9'-10.38"	4'-14.18"
E_N_84	139.641"	155.704"	2'-9.58"	5'-7.78"	1'-5.18"	9'-10.38"	4'-14.18"
E_N_85	139.438"	155.679"	2'-9.78"	5'-7.78"	1'-5"	9'-10.34"	4'-14.78"
E_N_86	150.027"	155.653"	2'-10"	5'-8"	1'-4.78"	9'-10.78"	4'-15"
E_N_87	150.204"	155.627"	2'-10.14"	5'-8"	1'-4.34"	9'-11"	4'-15.18"
E_N_88	150.368"	155.600"	2'-10.38"	5'-8.18"	1'-4.58"	9'-11.18"	4'-15.38"
E_N_89	150.522"	155.574"	2'-10.78"	5'-8.14"	1'-4.12"	9'-11.14"	4'-15.12"
E_N_90	150.640"	155.545"	2'-11.38"	5'-8.18"	1'-4.38"	9'-11.58"	4'-15.38"
E_N_91	150.788"	155.519"	2'-11.78"	5'-8.18"	1'-4.18"	9'-11.12"	4'-15.18"
E_N_92	150.922"	155.492"	2'-11"	5'-8.58"	1'-4.18"	9'-11.58"	4'-15.78"
E_N_93	151.035"	155.465"	2'-11.18"	5'-8.34"	1'-4"	9'-11.34"	4'-16"
E_N_94	151.139"	155.436"	2'-11.14"	5'-8.78"	1'-3.78"	9'-11.78"	4'-16.14"
E_N_95	151.233"	155.407"	2'-11.38"	5'-8"	1'-3.58"	9'-12"	4'-16.38"
E_N_96	151.319"	155.377"	2'-11.38"	5'-9.18"	1'-3.12"	9'-12.18"	4'-16.12"
E_N_97	151.385"	155.348"	2'-11.78"	5'-9.38"	1'-2.18"	9'-12.18"	4'-16.38"
E_N_98	151.462"	155.318"	2'-11.58"	5'-9.18"	1'-2.12"	9'-12.18"	4'-16.38"
E_N_99	151.503"	155.289"	2'-11.58"	5'-9.34"	1'-3.18"	9'-10.12"	4'-16.78"
E_N_100	151.571"	155.258"	2'-11.34"	5'-9.78"	1'-3"	9'-10.58"	4'-17.18"
E_N_101	151.611"	155.227"	2'-11.34"	5'-10.18"	1'-2.78"	9'-10.34"	4'-17.14"
E_N_102	151.644"	155.197"	2'-11.34"	5'-10.38"	1'-2.34"	9'-10.78"	4'-17.38"
E_N_103	151.668"	155.166"	2'-11.78"	5'-10.12"	1'-2.58"	9'-11"	4'-17.12"
E_N_104	151.683"	155.135"	2'-11.78"	5'-10.18"	1'-2.12"	9'-11.38"	4'-17.18"
E_N_105	151.691"	155.102"	2'-11.78"	5'-11.18"	1'-1.14"	9'-11.58"	4'-17.58"
E_N_106	151.690"	155.069"	2'-11.78"	5'-11.14"	1'-2.14"	9'-11.38"	4'-17.34"
E_N_107	151.680"	155.035"	2'-11.78"	5'-11.12"	1'-2.18"	9'-11.38"	4'-17.78"
E_N_108	151.661"	155.003"	2'-11.78"	5'-11.34"	1'-2"	9'-11.58"	4'-18"
E_N_109	151.635"	154.971"	2'-11.34"	5'-11.62"	1'-2"	9'-11.34"	4'-18.18"
E_N_110	151.599"	154.935"	2'-11.34"	5'-11.38"	1'-1.78"	9'-11.78"	4'-18.14"
E_N_111	151.555"	154.890"	2'-11.34"	5'-11.38"	1'-1.58"	9'-11.78"	4'-18.18"
E_N_112	151.503"	154.866"	2'-11.58"	5'-11.18"	1'-1.58"	9'-11.14"	4'-18.38"
E_N_113	151.442"	154.832"	2'-11.12"	5'-11.14"	1'-1.12"	9'-11.38"	4'-18.12"
E_N_114	151.372"	154.797"	2'-11.12"	5'-11.18"	1'-1.12"	9'-11.38"	4'-18.58"
E_N_115	151.293"	154.758"	2'-11.38"	5'-11.38"	1'-1.14"	9'-11.38"	4'-18.34"
E_N_116	151.204"	154.724"	2'-11.14"	5'-11.14"	1'-1.14"	9'-11.34"	4'-18.78"
E_N_117	151.107"	154.686"	2'-11.18"	5'-11.38"	1'-1"	9'-11.78"	4'-18.78"
E_N_118	150.999"	154.649"	2'-11.38"	5'-11.38"	1'-0.78"	9'-12.38"	4'-19.18"
E_N_119	150.883"	154.613"	2'-10.78"	5'-11.38"	1'-0.38"	9'-12.38"	4'-19.18"
E_N_120	150.758"	154.572"	2'-10.34"	5'-11.38"	1'-0.58"	9'-13.14"	4'-19.14"
E_N_121	150.621"	154.535"	2'-10.58"	5'-11.38"	1'-0.12"	9'-13.38"	4'-19.38"
E_N_122	150.475"	154.495"	2'-10.12"	5'-11.38"	1'-0.38"	9'-13.12"	4'-19.12"
E_N_123	150.318"	154.455"	2'-10.38"	5'-11.38"	1'-0.38"	9'-13.58"	4'-19.58"
E_N_124	150.151"	154.414"	2'-10.78"	5'-11.38"	1'-0.14"	9'-13.34"	4'-19.58"
E_N_125	149.972"	154.373"	2'-10"	5'-11.38"	1'-0.18"	9'-13.78"	4'-20.18"
E_N_126	149.782"	154.336"	2'-9.34"	5'-11.18"	1'-0"	9'-13.78"	4'-20.18"
E_N_127	149.580"	154.293"	2'-9.58"	5'-11.78"	1'-0.18"	9'-14.18"	4'-20.18"
E_N_128	149.366"	154.251"	2'-9.38"	5'-11.34"	1'-0.14"	9'-14.14"	4'-20.18"
E_N_129	149.139"	154.207"	2'-9.18"	5'-11.58"	1'-0.18"	9'-14.38"	4'-20.14"
E_N_130	148.899"	154.166"	2'-9.78"	5'-11.58"	1'-0.18"	9'-14.12"	4'-20.14"
E_N_131	148.646"	154.123"	2'-8.58"	5'-11.12"	1'-0.18"	9'-14.58"	4'-20.38"
E_N_132	148.378"	154.078"	2'-8.18"	5'-11.38"	1'-0.18"	9'-14.18"	4'-20.18"
E_N_133	148.093"	154.034"	2'-8.18"	5'-11.14"	1'-0.18"	9'-14.58"	4'-20.38"
E_N_134	147.800"	153.989"	2'-7.78"	5'-11.18"	1'-0.18"	9'-15.14"	4'-20.34"

E BRIDGE - N RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
E_N_135	147.487"	153.943"	2'-7.58"	6'-10.12"	0'-11"	10'-5.14"	5'-10.78"
E_N_136	147.158"	153.896"	2'-7.38"	6'-11.18"	0'-11"	10'-5.18"	5'-11"
E_N_137	146.812"	153.850"	2'-7"	6'-11.58"	0'-10.78"	10'-5.12"	5'-11.1"
E_N_138	146.464"	153.802"	2'-6.34"	7'-0.18"	0'-10.34"	10'-5.58"	5'-11.18"
E_N_139	146.066"	153.757"	2'-6.12"	7'-0.34"	0'-10.58"	10'-5.34"	5'-11.14"
E_N_140	145.662"	153.707"	2'-6.18"	7'-1.14"	0'-10.12"	10'-6.1"	5'-11.38"
E_N_141	145.239"	153.659"	2'-5.78"	7'-1.78"	0'-10.18"	10'-6.18"	5'-11.12"
E_N_142	144.814"	153.612"	2'-5.02"	7'-2.38"	0'-10.18"	10'-6.18"	5'-11.12"
E_N_143	144.338"	153.558"	2'-4.58"	7'-3.18"	0'-10.12"	10'-6.18"	5'-11.12"
E_N_144	143.838"	153.508"	2'-4.34"	7'-3.58"	0'-10.18"	10'-6.12"	5'-11.34"
E_N_145	143.320"	153.457"	2'-4.12"	7'-4.14"	0'-10"	10'-6.34"	5'-11.78"
E_N_146	142.778"	153.403"	2'-4.18"	7'-4.78"	0'-10"	10'-6.78"	5'-12"
E_N_147	142.207"	153.353"	2'-3.34"	7'-5.12"	0'-9.78"	10'-7"	6'-0.18"
E_N_148	141.606"	153.301"	2'-3.38"	7'-6.18"	0'-9.34"	10'-7.14"	6'-0.18"
E_N_149	141.077"	153.252"	2'-3"	7'-6.34"	0'-9.34"	10'-7.38"	6'-0.34"
E_N_150	140.512"	153.201"	2'-2.38"	7'-7.18"	0'-9.18"	10'-7.18"	6'-0.38"
E_N_151	139.914"	153.153"	2'-2.14"	7"	8'-9"	10'-7.34"	6'-0.12"
E_N_152	138.678"	153.080"	2'-1.78"	7'-8.34"	0'-9.38"	10"	6'-0.58"
E_N_153	138.134"	153.023"	2'-1.12"	7'-9.38"	0'-9.14"	10'-8.18"	6'-0.34"
E_N_154	137.290"	152.967"	2'-1.18"	7'-10"	0'-9.14"	10'-8.38"	6'-0.78"
E_N_155	136.304"	152.908"	2'-0.58"	7'-10.34"	0'-9.18"	10'-8.12"	6"
E_N_156	135.526"	152.850"	2'-0.14"	7'-11.12"	0"	8.94"	6'-1.58"
E_N_157	134.772"	152.792"	2'-0.78"	7'-11.78"	0"	8.94"	6'-1.58"
E_N_158	133.564"	152.734"	2'-1.12"	8'-0.78"	0'-8.78"	9.14"	6'-1.14"
E_N_159	132.506"	152.669"	2'-1.11"	8'-1.58"	0'-8.34"	9.12"	6'-1.38"
E_N_160	131.385"	152.608"	0'-10.58"	8'-2.38"	0'-8.34"	9.34"	6'-1.12"
E_N_161	130.205"	152.548"	0'-10.14"	8'-3.18"	0'-8.58"	10"	6'-1.58"
E_N_162	128.961"	152.486"	0'-9.78"	8'-3.78"	0'-8.12"	10.14"	6'-1.58"
E_N_163	127.645"	152.420"	0'-9.12"	8'-4.58"	0'-8.12"	10.58"	6'-2.18"
E_N_164	126.341"	152.354"	0'-8.34"	8'-5.38"	0'-8.12"	10.58"	6'-2.18"
E_N_165	125.040"	152.293"	0'-7.78"	8'-6.38"	0'-8.14"	10.58"	6'-1.78"
E_N_166	123.314"	152.231"	0'-10.14"	8'-4.18"	0'-8.14"	10.58"	6'-1.78"
E_N_167	131.037"	152.163"	0'-10.12"	8.4"	0'-8.18"	10.58"	6'-2"
E_N_168	130.095"	152.095"	0'-10.78"	8'-3.34"	0'-8"	10.58"	6'-2.18"
E_N_169	132.751"	152.025"	0'-11.18"	8'-3.12"	0"	10.58"	6'-2.18"
E_N_170	133.862"	151.958"	0'-11.12"	8'-3.38"	0'-7.78"	10.58"	6'-2.14"
E_N_171	134.946"	151.891"	0'-11.12"	8'-3.38"	0'-7.78"	10.58"	6'-2.14"
E_N_172	135.104"	151.821"	0'-10.18"	8'-2.78"	0'-7.34"	10.34"	6'-2.38"
E_N_173	135.257"	151.754"	0'-10.18"	8'-2.78"	0'-7.34"	10.34"	6'-2.38"
E_N_174	135.836"	151.674"	0'-9.38"	8'-2.34"	0'-7.58"	10.34"	6'-2.38"
E_N_175	136.543"	151.604"	0'-9.34"	8'-2.12"	0'-7.58"	10.34"	6'-2.12"
E_N_176	137.227"	151.523"	2'-1"	8'-2.14"	0'-7.12"	10.78"	6'-2.12"
E_N_177	137.886"	151.442"	2'-1.38"	8'-2.18"	0'-7.38"	10.78"	6'-2.58"
E_N_178	138.524"	151.455"	0'-1.58"	8'-1.78"	0'-7.38"	10.78"	6'-2.58"
E_N_179	139.141"	151.383"	2'-2"	8'-1.34"	0'-7.14"	10"	6'-2.34"
E_N_180	139.738"	151.312"	2'-2.58"	8'-0.78"	0'-7.18"	10"	6'-2.34"
E_N_181	140.315"	151.229"	2'-1.98"	8'-1.38"	0'-7.18"	10.18"	6'-2.38"
E_N_182	140.874"	151.152"	2'-3"	8'-1.18"	0"	7"	6'-2.78"
E_N_183	141.414"	151.077"	0'-3.14"	8.1"	0"	7.18"	6'-1.18"
E_N_184	141.938"	150.998"	0'-3.58"	8.0.34"	0'-6.78"	11.14"	6"
E_N_185	142.444"	150.916"	0'-3.78"	8.0.58"	0'-6.78"	11.14"	6'-3.18"
E_N_186	142.934"	150.835"	0'-4.14"	8.0.38"	0'-6.34"	11.38"	6'-3.18"
E_N_187	143.409"	150.754"	0'-4.58"	8.0.38"	0'-6.34"	11.38"	6'-3.18"
E_N_188	143.870"	150.673"	0'-4.78"	8"	0'-6.58"	11.12"	6'-3.14"
E_N_189	144.315"	150.587"	0'-5.18"	7'-11.78"	0'-6.58"	11.12"	6'-3.38"
E_N_190	144.747"	150.503"	0'-5.12"	7'-11.58"	0'-6.12"	11.58"	6'-3.38"
E_N_191	145.167"	150.425"	0'-5.34"	7'-11.12"	0'-6.12"	11.34"	6'-3.12"
E_N_192	145.573"	150.346"	0'-6.18"	7'-11.38"	0'-6.38"	11.34"	6'-3.12"
E_N_193	145.967"	150.249"	0'-6.38"	7'-11.18"	0'-6.14"	11.78"	6'-3.58"
E_N_194	146.348"	150.167"	0'-6.58"	7'-11.18"	0'-6.14"	11.78"	6'-3.58"
E_N_195	146.727"	150.074"	0'-7.18"	7'-10.78"	0'-6.18"	11.78"	6'-3.34"
E_N_196	147.081"	149.984"	0'-7.14"	7'-10.58"	0'-6.18"	11"	6'-3.34"
E_N_197	147.430"	149.896"	0'-7.58"	7'-10.12"	0"	6.18"	6'-3.78"
E_N_198	147.769"	149.803"	0'-7.78"	7'-10.38"	0"	6.14"	6'-3.78"
E_N_199	148.098"	149.713"	0'-8.18"	7'-10.18"	0"	6.14"	6'-3.78"
E_N_200	148.418"	149.626"	0'-8.12"	7'-10"	0'-5.78"	11.38"	6'-3.64"
E_N_201	148.728"	149.540"	0'-8.34"	7'-10.18"	0'-5.38"	11.38"	6'-4.18"
E_N_202	149.029"	149.457"	0'-9.12"	7'-9.38"	0'-5.38"	11.12"	6'-4.18"
E_N_203	149.324"	149.343"	0'-9.38"	7'-9.12"	0'-5.34"	11.58"	6'-4.14"
E_N_204	149.686"	149.252"	0'-9.58"	7'-9.38"	0'-5.58"	11.58"	6'-4.14"
E_N_205	149.886"	149.157"	0'-9.78"	7'-9.14"	0'-5.58"	11.34"	6'-4.38"
E_N_206	150.156"	149.056"	0'-10.18"	7'-9.18"	0'-5.12"	10.34"	6'-4.38"
E_N_207	150.418"	148.959"	0'-10.38"	7'-9"	0'-5.12"	10.78"	6'-4.12"
E_N_208	150.673"	148.865"	0'-10.34"	7'-8.34"	0'-5.38"	10.78"	6'-4.12"
E_N_209	150.914"	148.771"	0'-10.34"	7'-7.58"	0'-5.12"	10.78"	6'-4.18"
E_N_210	151.161"	148.689"	0'-11.14"	7'-8.12"	0'-5.38"	11.18"	6'-5.58"
E_N_211	151.386"	148.599"	0'-11.12"	7'-8.38"	0'-5.14"	11.18"	6'-4.34"
E_N_212	151.624"	148.521"	0'-11.34"	7'-8.14"	0'-5.14"	11.14"	6'-4.78"
E_N_213	151.864"	148.382"	3'-0"	8'-1.18"	0'-5.18"	11.14"	6'-4.78"
E_N_214	152.063"	148.269"	0'-10.14"	7'-8"	0'-5.18"	11.38"	6'-4.78"
E_N_215	152.272"	148.189"	0'-10.12"	7'-7.78"	0'-5.18"	11.12"	6"
E_N_216	152.477"	148.107"	0'-10.34"	7'-7.18"	0'-5.12"	11.12"	6'-4.18"
E_N_217	152.676"	148.027"	0'-10.34"	7'-7.18"	0'-5.12"	11.12"	6'-4.18"
E_N_218	152.870"	147.858"	0'-11.14"	7'-7.12"	0'-4.78"	11.58"	6'-5.18"
E_N_219	153.059"	147.752"	0'-11.12"	7'-7.38"	0'-4.78"	11.34"	6'-5.14"
E_N_220	153.242"	147.648"	0'-11.34"	7'-7.14"	0'-4.78"	11.34"	6'-5.14"
E_N_221	153.421"	147.541"	0'-12"	7'-7.18"	0'-4.34"	11.78"	6'-5.18"
E_N_222	153.597"	147.444"	0'-12.14"	7'-7"	0'-4.34"	11.78"	6'-5.12"
E_N_223	153.763"	147.347"	0'-12.12"	7'-6.38"	0'-4.34"	11.78"	6'-5.12"
E_N_224	153.933"	147.231"	0'-12.58"	7'-6.34"	0'-4.58"	11.78"	6'-5.12"
E_N_225	154.091"	147.129"	0'-12.78"	7'-6.58"	0'-4.58"	11.78"	6'-5.12"
E_N_226	154.247"	146.915"	0'-13.18"	7'-6.12"	0'-4.58"	11.214"	6'-5.58"
E_N_227	154.397"	146.821"	0'-13.38"	7'-6.38"	0'-4.12"	11.214"	6'-5.58"
E_N_228	154.547"	146.714"	0'-13.12"	7'-6.18"	0'-4.12"	11.238"	6'-5.58"
E_N_229	154.692"	146.603"	0'-13.34"	7'-6.18"	0'-4.12"	11.238"	6'-5.58"
E_N_230	154.832"	146.586"	0"	7.6"	0'-4.38"	11.212"	6'-5.58"
E_N_231	154.969"	146.511"	0'-13.18"	7'-6.18"	0'-4.38"	11.212"	6'-5.58"
E_N_232	155.102"	146.385"	0'-13.38"	7'-5.78"	0'-4.38"	11.238"	6'-5.58"
E_N_233	155.237"	146.262"	0'-13.58"	7'-5.34"	0'-4.14"	11.258"	6'-5.34"
E_N_234	155.365"	146.175"	0'-14.34"	7'-5.58"	0'-4.14"	11.234"	6'-5.34"
E_N_235	155.481"	146.072"	3'-5"	7'-5.12"	0'-4.14"	11.234"	6'-5.78"
E_N_236	155.590"	145.964"	0'-5.18"	7'-5.12"	0'-4.14"	11.234"	6'-5.78"
E_N_237	155.716"	145.861"	0'-5.38"	7'-5.38"	0'-4.18"	11.278"	6'-5.78"
E_N_238	155.828"	145.758"	0'-5.38"	7'-5.38"	0'-4.18"	11.278"	6'-5.78"
E_N_239	155.938"	145.651"	0'-5.34"	7'-5.18"	0'-4.18"	11.3"	6'-5.78"
E_N_240	156.046"	145.545"	0'-5.78"	7'-5.18"	0'-4.18"	11.3"	6'-6"
E_N_241	156.149"	145.443"	3'-6"	7.5"	0"	4.38"	6'-6"
E_N_242	156.248"	145.347"	0'-6.14"	7'-4.78"	0"	4.38"	6'-6"
E_N_243	156.348"	145.246"	0'-6.38"	7'-4.78"	0"	4.38"	6'-6"
E_N_244	156.443"	145.151"	0'-6.12"	7'-4.34"	0"	4.38"	6'-6.18"
E_N_245	156.536"	145.058"	0'-6.12"	7'-4.34"	0"	4.38"	6'-6.18"
E_N_246	156.625"	144.964"	0'-6.78"	7'-4.58"	0'-3.78"	11.38"	6'-6.18"
E_N_247	156.713"	144.860"	3'-7"	7'-4.12"	0'-3.78"	11.38"	6'-6.18"
E_N_248	156.797"	144.758"	0'-7.18"	7'-4.12"	0'-3.78"	11.38"	6'-6.18"
E_N_249	156.889"	144.651"	0'-7.14"	7'-4.38"	0'-3.34"	11.12"	6'-6.14"
E_N_250	156.979"	144.571"	0'-7.38"	7'-4.14"	0'-3.34"	11.34"	6'-6.14"
E_N_251	157.033"	144.477"	0'-7.58"	7'-4.14"	0'-3.34"	11.34"	6'-6.12"
E_N_252	157.110"	144.378"	0'-7.78"	7'-4.14"	0'-3.34"	11.34"	6'-6.12"
E_N_253	157.187"	144.279"	0'-7.78"	7'-4.14"	0'-3.34"	11.34"	6'-6.12"
E_N_254	157.263"	144.173"	0'-7.78"	7'-4.14"	0'-3.34"	11.34"	6'-6.12"
E_N_255	157.338"	144.068"	0'-8.14"	7'-3.78"	0'-3.58"	11.34"	6'-6.38"
E_N_256	157.449"	143.966"	0'-8.38"	7'-3.78"	0'-3.58"	11.34"	6'-6.38"
E_N_257	157.509"	143.886"	0'-8.12"	7'-3.34"	0'-3.58"	11.78"	6'-6.12"
E_N_258	157.568"	143.803"	0'-8.12"	7'-3.34"	0'-3.58"	11.78"	6'-6.12"
E_N_259	157.625"	143.720"	0'-8.12"	7'-3.34"	0'-3.58"	11.78"	6'-6.12"
E_N_260	157.679"	143.646"	0'-8.34"	7'-3.58"	0'-3.12"	11.4"	6'-6.12"
E_N_261	157.731"	143.567"	0'-8.78"	7'-3.58"	0'-3.12"	11.4"	6'-6.58"
E_N_262	157.782"	143.511"	3'-9"	7'-3.12"	0'-3.12"	11.4"	6'-6.58"
E_N_263	157.830"	143.455"	3'-9"	7'-3.12"	0'-3.12"	11.4"	6'-6.58"
E_N_264	157.876"	143.391"	0'-9.18"	7'-3.12"	0'-3.12"	11.4"	6'-6.18"
E_N_265	157.921"	143.319"	0'-9.14"	7'-3.38"	0'-3.12"	11.4"	6'-6.58"
E_N_266	157.963"	143.258"	0'-9.14"	7'-3.38"	0'-3.12"	11.4"	6'-6.58"
E_N_267	158.004"	143.204"	0'-9.38"	7'-3.38"	0'-3.38"	11.4"	6'-6.34"
E_N_268	158.042"	143.153"	0'-9.12"	7'-3.14"	0'-3.38"	11.4"	6'-6.34"

E BRIDGE - S RUN									
ID	A01	A02	L01	L02	L03	LTOT	E01		
E_S_1_B	162.022"		0'-6"	3'-2.78"		3'-8.78"	2'-4.34"		
E_S_2_B	161.979"		0'-7"	3'-2.12"		3'-9.12"	4'-4.78"		
E_S_3_B	161.933"		0'-8"	3'-2.14"		3'-10.18"	4'-5.11"		
E_S_4_B	161.886"		0'-9"	3'-1.78"		3'-10.78"	4'-5.18"		
E_S_5_B	161.837"		0'-10"	3'-1.58"		3'-11.12"	4'-5.14"		
E_S_6_B	161.789"		0'-11"	3'-1.14"		4'-0.14"	4'-5.38"		
E_S_7_B	161.740"		0'-12"	3'-0.78"		4'-0.78"	4'-5.38"		
E_S_8_B	161.679"		0'-13"	3'-0.58"		4'-1.34"	4'-5.34"		
E_S_9_B	161.621"		1'-2.14"	3'-0.14"		4'-2.12"	4'-5.78"		
E_S_10_B	161.562"		1'-3.38"	3'-0"		4'-3.14"	4'-6"		
E_S_11_B	161.501"		1'-4.12"	2'-11.58"		4'-4.18"	4'-6.18"		
E_S_12_B	161.437"		1'-5.58"	2'-11.44"		4'-4.78"	4'-6.14"		
E_S_13_B	161.372"		1'-6.78"	2'-11"		4'-5.34"	4'-6.38"		
E_S_14_B	161.303"		1'-8"	2'-10.58"		4'-6.58"	4'-6.12"		
E_S_15_B	161.233"		1'-9.14"	2'-10.14"		4'-7.58"	4'-6.18"		
E_S_16_B	161.160"		1'-10.12"	2'-10"		4'-8.12"	4'-6.34"		
E_S_17_B	161.084"		1'-11.34"	2'-9.58"		4'-9.12"	4'-7"		
E_S_18_B	161.006"		2'-1.18"	2'-9.14"		4'-10.38"	4'-7.18"		
E_S_19_B	160.924"		2'-2.38"	2'-9"		4'-11.38"	4'-7.14"		
E_S_20_B	160.839"		2'-3.34"	2'-8.58"		5'-0.38"	4'-7.38"		
E_S_21_B	160.748"		2'-4.14"	2'-8.14"		5'-0.78"	4'-7.38"		
E_S_22_B	160.653"		2'-5.12"	2'-7.58"		5'-1.78"	4'-7.38"		
E_S_23_B	160.559"		2'-6"	2'-7.58"		5'-3.58"	4'-7.34"		
E_S_24_B	160.472"		2'-9.38"	2'-7.14"		5'-4.58"	4'-7.78"		
E_S_25_B	160.372"		2'-10.78"	2'-6.78"		5'-5.34"	4'-8"		
E_S_26_B	160.268"		3'-0.38"	2'-6.58"		5'-6.34"	4'-8.18"		
E_S_27_B	160.160"		3'-1.78"	2'-6.14"		5'-8.18"	4'-8.38"		
E_S_28_B	160.048"		3'-2.38"	2'-5.78"		5'-8.78"	4'-8.38"		
E_S_29_B	159.933"		3'-5"	2'-5.12"		5'-10.12"	4'-8.58"		
E_S_30_B	159.814"		3'-6.12"	2'-5.14"		5'-11.34"	4'-8.34"		
E_S_31_B	159.690"		3'-8.18"	2'-4.78"		6'-1"	4'-8.78"		
E_S_32_B	159.560"		3'-9.34"	2'-4.12"		6'-2.14"	4'-9"		
E_S_33_B	159.428"		3'-11.38"	2'-4.18"		6'-3.12"	4'-9.18"		
E_S_34_B	159.290"		4'-1.18"	2'-3.34"		6'-4.78"	4'-9.14"		
E_S_35_B	159.140"		4'-2.34"	2'-3.38"		6'-6.14"	4'-9.38"		
E_S_36_B	158.998"		4'-4.12"	2'-3.78"		6'-7.58"	4'-9.12"		
E_S_37_B	158.844"		4'-6.14"	2'-2.34"		6'-9"	4'-9.34"		
E_S_38_B	158.684"		4'-8"	2'-2.38"		6'-10.38"	4'-9.78"		
E_S_39_B	158.518"		4'-9.34"	2'-2"		6'-11.34"	4'-10"		
E_S_40_B	158.346"		4'-11.58"	2'-1.58"		7'-1.14"	4'-10.18"		
E_S_41_B	158.168"		5'-1.12"	2'-1.14"		7'-2.34"	4'-10.14"		
E_S_42_B	157.983"		5'-3.38"	2'-0.78"		7'-3.38"	4'-10.18"		
E_S_43_B	157.789"		5'-5.14"	2'-0.12"		7'-5.34"	4'-10.12"		
E_S_44_B	157.589"		5'-7.18"	2'-0.14"		7'-7.14"	4'-10.58"		
E_S_45_B	157.380"		5'-9"	1'-11.78"		7'-8.78"	4'-10.34"		
E_S_46_B	157.163"		5'-11"	1'-11.12"		7'-10.12"	4'-11"		
E_S_47_C	126.545"	157.079"	9'-1.98"	5'-11.12"	1'-11.14"	9'-7.78"	4'-11.18"		
E_S_48_C	127.944"	157.064"	9'-1.92"	5'-11.14"	1'-11.18"	9'-7.78"	4'-11.14"		
E_S_49_C	129.344"	157.042"	9'-1.10"	5'-10.78"	1'-11.38"	9'-7.78"	4'-11.18"		
E_S_50_C	130.689"	157.033"	10'-1.38"	5'-10.34"	1'-10.34"	9'-7.78"	4'-11.58"		
E_S_51_C	131.639"	157.018"	10'-1.10"	5'-10.12"	1'-10.58"	9'-7.34"	4'-11.34"		
E_S_52_C	132.751"	157.003"	10'-1.11"	5'-10.14"	1'-10.38"	9'-7.34"	4'-11.78"		
E_S_53_C	133.803"	156.987"	10'-1.12"	5'-10"	1'-10.14"	9'-7.78"	5'-0.18"		
E_S_54_C	134.802"	156.972"	2'-0"	5'-9.34"	1'-10.18"	9'-7.78"	5'-0.14"		
E_S_55_C	135.749"	156.956"	2'-0.38"	5'-9.58"	1'-10"	9'-7.78"	5'-0.38"		
E_S_56_C	136.640"	156.940"	2'-1.18"	5'-9.34"	1'-9.38"	9'-7.78"	5'-1.12"		
E_S_57_C	137.496"	156.923"	2'-1.18"	5'-9.14"	1'-9.58"	9'-7.78"	5'-0.34"		
E_S_58_C	138.305"	156.907"	2'-1.12"	5'-9"	1'-9.12"	9'-8"	5'-0.78"		
E_S_59_C	139.071"	156.890"	2'-2"	5'-8.78"	1'-9.18"	9'-8.18"	5'-1"		
E_S_60_C	139.800"	156.872"	2'-2.38"	5'-8.58"	1'-9.18"	9'-8.18"	5'-1.18"		
E_S_61_C	140.493"	156.856"	2'-2.34"	5'-8.12"	1'-9"	9'-8.14"	5'-1.14"		
E_S_62_C	141.148"	156.839"	2'-3.18"	5'-8.38"	1'-8.78"	9'-8.38"	5'-1.38"		
E_S_63_C	141.773"	156.822"	2'-3.12"	5'-7.78"	1'-8.34"	9'-8.38"	5'-1.78"		
E_S_64_C	142.366"	156.803"	2'-3.18"	5'-7.38"	1'-8.12"	9'-8.12"	5'-1.58"		
E_S_65_C	142.930"	156.786"	2'-4.14"	5'-6"	1'-8.38"	9'-8.58"	5'-1.34"		
E_S_66_C	143.467"	156.768"	2'-4.12"	5'-7.78"	1'-8.14"	9'-8.34"	5'-2"		
E_S_67_C	143.977"	156.749"	2'-4.78"	5'-7.34"	1'-8.18"	9'-8.34"	5'-2.18"		
E_S_68_C	144.462"	156.731"	2'-5.14"	5'-7.34"	1'-7.78"	9'-8.34"	5'-2.14"		
E_S_69_C	144.924"	156.713"	2'-5.58"	5'-7.58"	1'-7.34"	9'-9"	5'-2.38"		
E_S_70_C	145.362"	156.695"	2'-5.78"	5'-7.38"	1'-7.58"	9'-9.38"	5'-2.78"		
E_S_71_C	145.780"	156.674"	2'-6.14"	5'-7.18"	1'-7.12"	9'-9.34"	5'-2.58"		
E_S_72_C	146.178"	156.655"	2'-6.12"	5'-7.12"	1'-7.38"	9'-9.38"	5'-2.34"		
E_S_73_C	146.555"	156.636"	2'-6.78"	5'-7.38"	1'-7.14"	9'-9.12"	5'-2.78"		
E_S_74_C	146.914"	156.615"	2'-7.18"	5'-7.38"	1'-7"	9'-9.58"	5'-3"		
E_S_75_C	147.255"	156.595"	2'-7.38"	5'-7.38"	1'-6.78"	9'-9.34"	5'-3.18"		
E_S_76_C	147.579"	156.576"	2'-7.34"	5'-7.38"	1'-6.34"	9'-9.78"	5'-3.14"		
E_S_77_C	147.887"	156.555"	2'-8"	5'-7.38"	1'-6.38"	9'-9.78"	5'-3.18"		
E_S_78_C	148.178"	156.534"	2'-8.14"	5'-7.38"	1'-6.12"	9'-10.14"	5'-3.58"		
E_S_79_C	148.456"	156.514"	2'-8.12"	5'-7.38"	1'-6.38"	9'-10.14"	5'-3.34"		
E_S_80_C	148.718"	156.491"	2'-8.34"	5'-7.38"	1'-6.18"	9'-10.14"	5'-3.78"		
E_S_81_C	148.967"	156.471"	2'-9"	5'-7.38"	1'-6"	9'-10.12"	5'-4"		
E_S_82_C	149.203"	156.449"	2'-9.14"	5'-7.12"	1'-5.78"	9'-10.58"	5'-4.18"		
E_S_83_C	149.425"	156.426"	2'-9.38"	5'-7.12"	1'-5.34"	9'-10.34"	5'-4.14"		
E_S_84_C	149.635"	156.403"	2'-9.58"	5'-7.12"	1'-5.38"	9'-10.38"	5'-4.18"		
E_S_85_C	149.832"	156.383"	2'-9.78"	5'-7.18"	1'-5.12"	9'-10.14"	5'-4.12"		
E_S_86_C	150.019"	156.360"	2'-10"	5'-7.34"	1'-5.38"	9'-11.18"	5'-4.58"		
E_S_87_C	150.194"	156.337"	2'-10.14"	5'-7.34"	1'-5.14"	9'-11.14"	5'-4.34"		
E_S_88_C	150.358"	156.313"	2'-10.78"	5'-7.78"	1'-5.18"	9'-11.38"	5'-5"		
E_S_89_C	150.509"	156.290"	2'-10.12"	5'-7.38"	1'-5"	9'-11.12"	5'-5.18"		
E_S_90_C	150.652"	156.265"	2'-10.58"	5'-7.18"	1'-4.34"	9'-11.58"	5'-5.14"		
E_S_91_C	150.784"	156.241"	2'-11.18"	5'-7.38"	1'-4.58"	9'-12.18"	5'-5.58"		
E_S_92_C	150.907"	156.216"	2'-11"	5'-8.38"	1'-4.12"	9'-12.78"	5'-5.12"		
E_S_93_C	151.020"	156.193"	2'-11.18"	5'-8.12"	1'-4.38"	10'-0"	5'-5.58"		
E_S_94_C	151.122"	156.168"	2'-11.14"	5'-8.58"	1'-4.14"	10'-1.58"	5'-5.34"		
E_S_95_C	151.215"	156.144"	2'-11.14"	5'-8.34"	1'-4.18"	10'-0.14"	5'-5.78"		
E_S_96_C	151.300"	156.116"	2'-11.38"	5'-8"	1'-4"	10'-0.38"	5'-6"		
E_S_97_C	151.375"	156.092"	2'-11.12"	5'-9.18"	1'-3.78"	10'-0.12"	5'-6.18"		
E_S_98_C	151.442"	156.065"	2'-11.34"	5'-9.38"	1'-3.78"	10'-0.38"	5'-6.18"		
E_S_99_C	151.499"	156.040"	2'-11.58"	5'-9.12"	1'-3.58"	10'-0.38"	5'-6.38"		
E_S_100_C	151.547"	156.012"	2'-11.58"	5'-9.34"	1'-3.12"	10'-0.78"	5'-6.58"		
E_S_101_C	151.587"	155.985"	2'-11.34"	5'-9.14"	1'-3.38"	10'-1"	5'-6.34"		
E_S_102_C	151.619"	155.958"	2'-11.34"	5'-10.18"	1'-3.14"	10'-1.18"	5'-6.78"		
E_S_103_C	151.642"	155.930"	2'-11.34"	5'-10.38"	1'-3.18"	10'-1.14"	5'-7"		
E_S_104_C	151.657"	155.902"	2'-11.34"	5'-10.58"	1'-3"	10'-1.38"	5'-7.18"		
E_S_105_C	151.662"	155.874"	2'-11.78"	5'-10.58"	1'-3.38"	10'-1.38"	5'-7.18"		
E_S_106_C	151.660"	155.845"	2'-11.34"	5'-11.18"	1'-2.78"	10'-1.38"	5'-7.38"		
E_S_107_C	151.650"	155.816"	2'-11.34"	5'-11.38"	1'-2.58"	10'-1.78"	5'-7.12"		
E_S_108_C	151.630"	155.787"	2'-11.34"	5'-11.34"	1'-2.12"	10'-2"	5'-7.58"		
E_S_109_C	151.602"	155.756"	2'-11.34"	5'-11.34"	1'-2.38"	10'-2.18"	5'-7.34"		
E_S_110_C	151.566"	155.726"	2'-11.34"	5'-11.34"	1'-2.14"	10'-2.18"	5'-7.78"		
E_S_111_C	151.520"	155.697"	2'-11.58"	5'-10.58"	1'-2.18"	10'-2.38"	5'-8.18"		
E_S_112_C	151.468"	155.665"	2'-11.78"	5'-10.58"	1'-2.18"	10'-2.38"	5'-8.18"		
E_S_113_C	151.404"	155.632"	2'-11.12"	5'-10.78"	1'-1.78"	10'-2.58"	5'-8.38"		
E_S_114_C	151.334"	155.603"	2'-11.12"	5'-11.12"	1'-1.34"	10'-2.34"	5'-8.12"		
E_S_115_C	151.253"	155.570"	2'-11.38"	5'-11.38"	1'-1.38"	10'-2.38"	5'-8.18"		
E_S_116_C	151.162"	155.538"	2'-11.14"	5'-11.38"	1'-1.12"	10'-3"	5'-8.34"		
E_S_117_C	151.064"	155.504"	2'-11.18"	5'-11.38"	1'-1.38"	10'-3.18"	5'-8.78"		
E_S_118_C	150.956"	155.473"	2'-11"	5'-11.38"	1'-1.14"	10'-3.14"	5'-9"		
E_S_119_C	150.838"	155.438"	2'-10.78"	5'-11.38"	1'-1.38"	10'-3.38"	5'-9.18"		
E_S_120_C	150.711"	155.404"	2'-10.34"	5'-11.38"	1'-1"	10'-3.12"	5'-9.12"		
E_S_121_C	150.573"	155.370"	2'-10.58"	5'-11.38"	1'-1.14"	10'-3.58"	5'-9.14"		
E_S_122_C	150.425"	155.335"	2'-10.12"	5'-11.78"	1'-0.78"	10'-3.34"	5'-9.18"		
E_S_123_C	150.266"	155.300"	2'-10.14"	5'-11.38"	1'-0.34"	10'-3.78"	5'-9.12"		
E_S_124_C	150.096"	155.262"	2'-10.18"	5'-11.38"	1'-0.38"	10'-4.18"	5'-9.58"		
E_S_125_C	149.916"	155.229"	2'-9.78"	5'-11.38"	1'-0.12"	10'-4.14"	5'-9.		

E BRIDGE - M RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
E.M.1.A			0'-4.18"	1'-10.14"	1'-10.14"	4'-0.12"	1'-2.18"
E.M.2.A			0'-4.58"	1'-10.14"	1'-10.14"	4'-1.18"	1'-2.12"
E.M.3.A			0'-5.14"	1'-10.14"	1'-10.14"	4'-1.58"	1'-2.78"
E.M.15.A			0'-5.74"	1'-10.14"	1'-10.14"	4'-2.14"	1'-3.38"
E.M.5.A			0'-6.38"	1'-10.14"	1'-10.14"	4'-2.34"	1'-3.94"
E.M.6.A			0'-7"	1'-10.14"	1'-10.14"	4'-3.38"	1'-4.14"
E.M.7.A			0'-7.12"	1'-10.14"	1'-10.14"	4'-4"	1'-4.58"
E.M.8.A			0'-8.18"	1'-10.14"	1'-10.14"	4'-4.12"	1'-5"
E.M.9.A			0'-8.58"	1'-10.14"	1'-10.14"	4'-5.18"	1'-5.12"
E.M.10.A			0'-9.14"	1'-10.14"	1'-10.14"	4'-5.58"	1'-5.78"
E.M.12.A			0'-9.78"	1'-10.14"	1'-10.14"	4'-6.14"	1'-6.38"
E.M.13.A			0'-10.38"	1'-10.14"	1'-10.14"	4'-6.34"	1'-6.94"
E.M.13.A			0'-11"	1'-10.14"	1'-10.14"	4'-7.38"	1'-7.18"
E.M.14.A			0'-11.12"	1'-10.14"	1'-10.14"	4'-8"	1'-7.58"
E.M.15.A			1'-0.18"	1'-10.14"	1'-10.14"	4'-8.12"	1'-8"
E.M.16.A			1'-0.58"	1'-10.14"	1'-10.14"	4'-9.18"	1'-8.12"
E.M.17.A			1'-1.14"	1'-10.14"	1'-10.14"	4'-9.58"	1'-8.78"
E.M.18.A			1'-1.78"	1'-10.14"	1'-10.14"	4'-10.14"	1'-9.14"
E.M.19.A			1'-2.38"	1'-10.14"	1'-10.14"	4'-10.34"	1'-9.34"
E.M.20.A			1'-3"	1'-10.14"	1'-10.14"	4'-11.38"	1'-10.18"
E.M.21.A			1'-3.12"	1'-10.14"	1'-10.14"	5'-0"	1'-10.58"
E.M.22.A			1'-4.18"	1'-10.14"	1'-10.14"	5'-0.12"	1'-11"
E.M.23.A			1'-4.58"	1'-10.14"	1'-10.14"	5'-1.18"	1'-11.38"
E.M.24.A			1'-5.14"	1'-10.14"	1'-10.14"	5'-1.58"	1'-11.78"
E.M.25.A			1'-5.74"	1'-10.14"	1'-10.14"	5'-2.14"	1'-12.38"
E.M.26.A			1'-6.38"	1'-10.14"	1'-10.14"	5'-2.34"	1'-12.94"
E.M.27.A			1'-7"	1'-10.14"	1'-10.14"	5'-3.38"	1'-2.118"
E.M.28.A			1'-7.12"	1'-10.14"	1'-10.14"	5'-3.78"	1'-2.112"
E.M.29.A			1'-8.18"	1'-10.14"	1'-10.14"	5'-4.12"	1'-2.2"
E.M.30.A			1'-8.58"	1'-10.14"	1'-10.14"	5'-5.18"	1'-2.238"
E.M.31.A			1'-9.14"	1'-10.14"	1'-10.14"	5'-5.58"	1'-2.234"
E.M.32.A			1'-9.78"	1'-10.14"	1'-10.14"	5'-6.14"	1'-2.278"
E.M.33.A			1'-10.38"	1'-10.14"	1'-10.14"	5'-6.34"	1'-2.334"
E.M.34.A			1'-11"	1'-10.14"	1'-10.14"	5'-7.38"	1'-2.418"
E.M.35.A			1'-11.12"	1'-10.14"	1'-10.14"	5'-7.78"	1'-2.412"
E.M.36.A			2'-0.18"	1'-10.14"	1'-10.14"	5'-8.12"	1'-2.478"
E.M.37.A			2'-0.58"	1'-10.14"	1'-10.14"	5'-9.18"	1'-2.538"
E.M.38.A			2'-1.14"	1'-10.14"	1'-10.14"	5'-9.58"	1'-2.534"
E.M.39.A			2'-1.34"	1'-10.14"	1'-10.14"	5'-10.14"	1'-2.578"
E.M.40.A			2'-2.38"	1'-10.14"	1'-10.14"	5'-10.34"	1'-2.634"
E.M.41.A			2'-3"	1'-10.14"	1'-10.14"	5'-11.38"	1'-2.7"
E.M.42.A			2'-3.12"	1'-10.14"	1'-10.14"	5'-11.78"	1'-2.712"
E.M.43.A			2'-4.18"	1'-10.14"	1'-10.14"	6'-0.12"	1'-2.778"
E.M.44.A			2'-4.58"	1'-10.14"	1'-10.14"	6'-1.18"	1'-2.838"
E.M.45.A			2'-5.14"	1'-10.14"	1'-10.14"	6'-1.58"	1'-2.834"
E.M.46.A			2'-5.74"	1'-10.14"	1'-10.14"	6'-2.14"	1'-2.918"
E.M.47.A			2'-6.14"	1'-10.14"	1'-10.14"	6'-2.58"	1'-2.912"
E.M.48.A			2'-6.58"	1'-10.14"	1'-10.14"	6'-3"	1'-2.978"
E.M.49.A			2'-6.78"	1'-10.14"	1'-10.14"	6'-3.38"	1'-2.10.14"
E.M.50.A			2'-7.14"	1'-10.14"	1'-10.14"	6'-3.58"	1'-2.10.58"
E.M.51.A			2'-7.58"	1'-10.14"	1'-10.14"	6'-4"	1'-2.10.78"
E.M.52.A			2'-8"	1'-10.14"	1'-10.14"	6'-4.38"	1'-2.11.14"
E.M.53.A			2'-8.14"	1'-10.14"	1'-10.14"	6'-4.58"	1'-2.11.58"
E.M.54.A			2'-8.58"	1'-10.14"	1'-10.14"	6'-5"	1'-3.0"
E.M.55.A			2'-9"	1'-10.14"	1'-10.14"	6'-5.38"	1'-3.014"
E.M.56.A			2'-9.14"	1'-10.14"	1'-10.14"	6'-5.34"	1'-3.058"
E.M.57.A			2'-9.58"	1'-10.14"	1'-10.14"	6'-6"	1'-3.1"
E.M.58.A			2'-10"	1'-10.14"	1'-10.14"	6'-6.38"	1'-3.114"
E.M.59.A			2'-10.14"	1'-10.14"	1'-10.14"	6'-6.58"	1'-3.158"
E.M.60.A			2'-10.58"	1'-10.14"	1'-10.14"	6'-7.18"	1'-3.178"
E.M.61.A			2'-10.78"	1'-10.14"	1'-10.14"	6'-7.38"	1'-3.214"
E.M.62.A			2'-11.14"	1'-10.14"	1'-10.14"	6'-7.58"	1'-3.258"
E.M.63.A			2'-11.12"	1'-10.14"	1'-10.14"	6'-8"	1'-3.278"
E.M.64.A			2'-11.78"	1'-10.14"	1'-10.14"	6'-8.14"	1'-3.314"
E.M.65.A			3'-0.14"	1'-10.14"	1'-10.14"	6'-8.58"	1'-3.312"
E.M.66.A			3'-0.12"	1'-10.14"	1'-10.14"	6'-8.78"	1'-3.378"
E.M.67.A			3'-0.58"	1'-10.14"	1'-10.14"	6'-8.94"	1'-3.401"
E.M.68.A			3'-1.18"	1'-10.14"	1'-10.14"	6'-9.12"	1'-3.412"
E.M.69.A			3'-1.38"	1'-10.14"	1'-10.14"	6'-9.78"	1'-3.478"
E.M.70.A			3'-1.34"	1'-10.14"	1'-10.14"	6'-10.18"	1'-3.518"
E.M.71.A			3'-2"	1'-10.14"	1'-10.14"	6'-10.12"	1'-3.512"
E.M.72.A			3'-2.38"	1'-10.14"	1'-10.14"	6'-10.34"	1'-3.534"
E.M.73.A			3'-2.58"	1'-10.14"	1'-10.14"	6'-11"	1'-3.618"
E.M.74.A			3'-2.78"	1'-10.14"	1'-10.14"	6'-11.38"	1'-3.638"
E.M.75.A			3'-2.14"	1'-10.14"	1'-10.14"	6'-11.58"	1'-3.634"
E.M.76.A			3'-3.12"	1'-10.14"	1'-10.14"	6'-11.78"	1'-3.7"
E.M.77.A			3'-3.34"	1'-10.14"	1'-10.14"	6'-12.14"	1'-3.714"
E.M.78.A			3'-4.18"	1'-10.14"	1'-10.14"	7'-0.12"	1'-3.758"
E.M.79.A			3'-4.38"	1'-10.14"	1'-10.14"	7'-0.34"	1'-3.778"
E.M.80.A			3'-4.58"	1'-10.14"	1'-10.14"	7'-1.18"	1'-3.814"
E.M.81.A			3'-5.14"	1'-10.14"	1'-10.14"	7'-1.38"	1'-3.815"
E.M.82.A			3'-5.14"	1'-10.14"	1'-10.14"	7'-1.58"	1'-3.834"
E.M.83.A			3'-5.12"	1'-10.14"	1'-10.14"	7'-1.78"	1'-3.918"
E.M.84.A			3'-5.34"	1'-10.14"	1'-10.14"	7'-2.14"	1'-3.938"
E.M.85.A			3'-6"	1'-10.14"	1'-10.14"	7'-2.12"	1'-3.934"
E.M.86.A			3'-6.38"	1'-10.14"	1'-10.14"	7'-2.34"	1'-3.10"
E.M.87.A			3'-6.58"	1'-10.14"	1'-10.14"	7'-3"	1'-3.1014"
E.M.88.A			3'-7.18"	1'-10.14"	1'-10.14"	7'-3.12"	1'-3.1058"
E.M.89.A			3'-7.18"	1'-10.14"	1'-10.14"	7'-3.12"	1'-3.1078"
E.M.90.A			3'-7.38"	1'-10.14"	1'-10.14"	7'-3.34"	1'-3.1118"
E.M.91.A			3'-7.58"	1'-10.14"	1'-10.14"	7'-4.18"	1'-3.1138"
E.M.92.A			3'-7.78"	1'-10.14"	1'-10.14"	7'-4.38"	1'-3.1134"
E.M.93.A			3'-8.18"	1'-10.14"	1'-10.14"	7'-4.58"	1'-4.0"
E.M.94.A			3'-8.38"	1'-10.14"	1'-10.14"	7'-4.78"	1'-4.014"
E.M.95.A			3'-8.34"	1'-10.14"	1'-10.14"	7'-5.18"	1'-4.034"
E.M.96.A			3'-9"	1'-10.14"	1'-10.14"	7'-5.38"	1'-4.078"
E.M.97.A			3'-9.14"	1'-10.14"	1'-10.14"	7'-5.58"	1'-4.118"
E.M.98.A			3'-9.38"	1'-10.14"	1'-10.14"	7'-5.78"	1'-4.138"
E.M.99.A			3'-9.58"	1'-10.14"	1'-10.14"	7'-6.18"	1'-4.158"
E.M.100.A			3'-9.78"	1'-10.14"	1'-10.14"	7'-6.38"	1'-4.178"
E.M.101.A			3'-10.18"	1'-10.14"	1'-10.14"	7'-6.58"	1'-4.214"
E.M.102.A			3'-10.38"	1'-10.14"	1'-10.14"	7'-7.18"	1'-4.212"
E.M.103.A			3'-10.34"	1'-10.14"	1'-10.14"	7'-7.18"	1'-4.234"
E.M.104.A			3'-11"	1'-10.14"	1'-10.14"	7'-7.38"	1'-4.3"
E.M.105.A			3'-11.14"	1'-10.14"	1'-10.14"	7'-7.58"	1'-4.314"
E.M.106.A			3'-11.12"	1'-10.14"	1'-10.14"	7'-7.78"	1'-4.312"
E.M.107.A			3'-11.34"	1'-10.14"	1'-10.14"	7'-8.18"	1'-4.334"
E.M.108.A			4'-0"	1'-10.14"	1'-10.14"	7'-8.12"	1'-4.4"
E.M.109.A			4'-0.14"	1'-10.14"	1'-10.14"	7'-8.14"	1'-4.434"
E.M.110.A			4'-0.58"	1'-10.14"	1'-10.14"	7'-9"	1'-4.458"
E.M.111.A			4'-0.78"	1'-10.14"	1'-10.14"	7'-9.14"	1'-4.478"
E.M.112.A			4'-1.18"	1'-10.14"	1'-10.14"	7'-9.12"	1'-4.518"
E.M.113.A			4'-1.38"	1'-10.14"	1'-10.14"	7'-9.34"	1'-4.538"
E.M.114.A			4'-1.58"	1'-10.14"	1'-10.14"	7'-10"	1'-4.558"
E.M.115.A			4'-1.78"	1'-10.14"	1'-10.14"	7'-10.14"	1'-4.578"
E.M.116.A			4'-2.18"	1'-10.14"	1'-10.14"	7'-10.12"	1'-4.618"
E.M.117.A			4'-2.38"	1'-10.14"	1'-10.14"	7'-10.34"	1'-4.638"
E.M.118.A			4'-2.58"	1'-10.14"	1'-10.14"	7'-11"	1'-4.658"
E.M.119.A			4'-2.78"	1'-10.14"	1'-10.14"	7'-11.14"	1'-4.678"
E.M.120.A			4'-3"	1'-10.14"	1'-10.14"	7'-11.12"	1'-4.7"
E.M.121.A			4'-3.14"	1'-10.14"	1'-10.14"	7'-11.34"	1'-4.714"
E.M.122.A			4'-3.12"	1'-10.14"	1'-10.14"	8'-0"	1'-4.712"
E.M.123.A			4'-3.34"	1'-10.14"	1'-10.14"	8'-0.18"	1'-4.734"
E.M.124.A			4'-4"	1'-10.14"	1'-10.14"	8'-0.38"	1'-4.8"
E.M.125.A			4'-4.14"	1'-10.14"	1'-10.14"	8'-0.58"	1'-4.814"
E.M.126.A			4'-4.12"	1'-10.14"	1'-10.14"	8'-0.78"	1'-4.812"
E.M.127.A			4'-4.58"	1'-10.14"	1'-10.14"	8'-1.18"	1'-4.834"
E.M.128.A			4'-4.78"	1'-10.14"	1'-10.14"	8'-1.38"	1'-4.9"
E.M.129.A			4'-5.18"	1'-10.14"	1'-10.14"	8'-1.12"	1'-4.918"
E.M.130.A			4'-5.38"	1'-10.14"	1'-10.14"	8'-1.34"	1'-4.938"
E.M.131.A			4'-5.58"	1'-10.14"	1'-10.14"	8'-2"	1'-4.958"
E.M.132.A			4'-5.34"	1'-10.14"	1'-10.14"	8'-2.14"	1'-4.978"
E.M.133.A			4'-6"	1'-10.14"	1'-10.14"	8'-2.38"	1'-4.1018"
E.M.134.A			4'-6.14"	1'-10.14"	1'-10.14"	8'-2.58"	1'-4.1038"

E BRIDGE - M RUN

ID	A01	A02	L01	L02	L03	LTOT	E01
E.M.135.A			4'-6.38"	1'-10.14"	1'-10.14"	8'-2.78"	1'-4.10.12"
E.M.136.A			4'-6.58"	1'-10.14"	1'-10.14"	8'-3"	1'-4.10.34"
E.M.137.A			4'-6.78"	1'-10.14"	1'-10.14"	8'-3.14"	1'-4.11"
E.M.138.A			4'-7"	1'-10.14"	1'-10.14"	8'-3.12"	1'-4.11.14"
E.M.139.A			4'-7.14"	1'-10.14"	1'-10.14"	8'-3.58"	1'-4.11.38"
E.M.140.A			4'-7.38"	1'-10.14"	1'-10.14"	8'-3.78"	1'-4.11.58"
E.M.141.A			4'-7.58"	1'-10.14"	1'-10.14"	8'-4"	1'-4.11.78"
E.M.142.A			4'-7.78"	1'-10.14"	1'-10.14"	8'-4.14"	1'-5.0"
E.M.143.A			4'-8"	1'-10.14"	1'-10.14"	8'-4.38"	1'-5.0.14"
E.M.144.A			4'-8.14"	1'-10.14"	1'-10.14"	8'-4.58"	1'-5.0.12"
E.M.145.A			4'-8.38"	1'-10.14"	1'-10.14"	8'-4.34"	1'-5.0.58"
E.M.146.A			4'-8.58"	1'-10.14"	1'-10.14"	8'-5"	1'-5.0.78"
E.M.147.A			4'-8.34"	1'-10.14"	1'-10.14"	8'-5.18"	1'-5.1.18"
E.M.148.A			4'-9"	1'-10.14"	1'-10.14"	8'-5.38"	1'-5.1.14"
E.M.149.A			4'-9.18"	1'-10.14"	1'-10.14"	8'-5.12"	1'-5.1.12"
E.M.150.A			4'-9.38"	1'-10.14"	1'-10.14"	8'-5.34"	1'-5.1.34"
E.M.151.A			4'-9.12"	1'-10.14"	1'-10.14"	8'-5.78"	1'-5.1.78"
E.M.152.A			4'-9.58"	1'-10.14"	1'-10.14"	8'-6.14"	1'-5.2.18"
E.M.153.A			4'-9.78"	1'-10.14"	1'-10.14"	8'-6.14"	1'-5.2.14"
E.M.154.A			4'-10"	1'-10.14"	1'-10.14"	8'-6.38"	1'-5.2.12"
E.M.155.A			4'-10.18"	1'-10.14"	1'-10.14"	8'-6.58"	1'-5.2.58"
E.M.156.A			4'-10.38"	1'-10.14"	1'-10.14"	8'-6.34"	1'-5.2.18"
E.M.157.A			4'-10.12"	1'-10.14"	1'-10.14"	8'-6.58"	1'-5.2.38"
E.M.158.A			4'-10.58"	1'-10.14"	1'-10.14"	8'-7.18"	1'-5.3.14"
E.M.159.A			4'-10.78"	1'-10.14"	1'-10.14"	8'-7.14"	1'-5.3.38"
E.M.160.A			4'-11"	1'-10.14"	1'-10.14"	8'-7.38"	1'-5.3.58"
E.M.161.A			4'-11.18"	1'-10.14"	1'-10.14"	8'-7.12"	1'-5.3.34"
E.M.162.A			4'-11.38"	1'-10.14"	1'-10.14"	8'-7.34"	1'-5.4"
E.M.163.A			4'-11.12"	1'-10.14"	1'-10.14"	8'-7.78"	1'-5.4.18"
E.M.164.A			4'-11.34"	1'-10.14"	1'-10.14"	8'-7.58"	1'-5.4.38"
E.M.165.A			4'-11.78"	1'-10.14"	1'-10.14"	8'-8.14"	1'-5.4.12"
E.M.166.A			5'-0.18"	1'-10.14"	1'-10.14"	8'-8.12"	1'-5.4.34"
E.M.167.A			5'-0.14"	1'-10.14"	1'-10.14"	8'-8.58"	1'-5.4.78"
E.M.168.A			5'-0.38"	1'-10.14"	1'-10.14"	8'-8.78"	1'-5.5"
E.M.169.A			5'-0.58"	1'-10.14"	1'-10.14"	8'-9"	1'-5.5.14"
E.M.170.A			5'-0.34"	1'-10.14"	1'-10.14"	8'-9.14"	1'-5.5.38"
E.M.171.A			5'-1"	1'-10.14"	1'-10.14"	8'-9.34"	1'-5.5.58"
E.M.172.A			5'-1.18"	1'-10.14"	1'-10.14"	8'-9.12"	1'-5.5.34"
E.M.173.A			5'-1.14"	1'-10.14"	1'-10.14"	8'-9.34"	1'-5.5.78"
E.M.174.A			5'-1.12"	1'-10.14"	1'-10.14"	8'-9.78"	1'-5.6.18"
E.M.175.A			5'-1.58"	1'-10.14"	1'-10.14"	8'-10"	1'-5.6.14"
E.M.176.A			5'-1.34"	1'-10.14"	1'-10.14"	8'-10.14"	1'-5.6.38"
E.M.177.A			5'-2"	1'-10.14"	1'-10.14"	8'-10.38"	1'-5.6.58"
E.M.178.A			5'-2.18"	1'-10.14"	1'-10.14"	8'-10.12"	1'-5.6.34"
E.M.179.A			5'-2.14"	1'-10.14"	1'-10.14"	8'-10.58"	1'-5.6.78"
E.M.180.A			5'-2.38"	1'-10.14"	1'-10.14"	8'-10.78"	1'-5.7"
E.M.181.A			5'-2.58"	1'-10.14"	1'-10.14"	8'-11"	1'-5.7.14"
E.M.182.A			5'-2.34"	1'-10.14"	1'-10.14"	8'-11.18"	1'-5.7.38"
E.M.183.A			5'-2.78"	1'-10.14"	1'-10.14"	8'-11.14"	1'-5.7.58"
E.M.184.A			5'-3"	1'-10.14"	1'-10.14"	8'-11.12"	1'-5.7.8"
E.M.185.A			5'-3.18"	1'-10.14"	1'-10.14"	8'-10.52"	1'-5.7.82"
E.M.186.A			5'-3.38"	1'-10.14"	1'-10.14"	8'-11.34"	1'-5.7.84"
E.M.187.A			5'-3.12"	1'-10.14"	1'-10.14"	8'-11.78"	1'-5.8.18"
E.M.188.A			5'-3.58"	1'-10.14"	1'-10.14"	9'-0"	1'-5.8.14"
E.M.189.A			5'-3.34"	1'-10.14"	1'-10.14"	9'-0.18"	1'-5.8.38"
E.M.190.A			5'-3.78"	1'-10.14"	1'-10.14"	9'-0.14"	1'-5.8.58"
E.M.191.A			5'-4"	1'-10.14"	1'-10.14"	9'-0.38"	1'-5.8.8"
E.M.192.A			5'-4.18"	1'-10.14"	1'-10.14"	9'-0.12"	1'-5.8.78"
E.M.193.A			5'-4.38"	1'-10.14"	1'-10.14"	9'-0.58"	1'-5.9"
E.M.194.A			5'-4.38"	1'-10.14"	1'-10.14"	9'-0.34"	1'-5.9.34"
E.M.195.A			5'-4.12"	1'-10.14"	1'-10.14"	9'-0.78"	1'-5.9.14"
E.M.196.A			5'-4.58"	1'-10.14"	1'-10.14"	9'-1"	1'-5.9.38"
E.M.197.A			5'-4.34"	1'-10.14"	1'-10.14"	9'-1.18"	1'-5.9.12"
E.M.198.A			5'-4.78"	1'-10.14"	1'-10.14"	9'-1.14"	1'-5.9.58"
E.M.199.A			5'-5"	1'-10.14"	1'-10.14"	9'-1.38"	1'-5.9.54"
E.M.200.A			5'-5.18"	1'-10.14"	1'-10.14"	9'-1.12"	1'-5.9.78"
E.M.201.A			5'-5.14"	1'-10.14"	1'-10.14"	9'-1.58"	1'-5.10"
E.M.202.A			5'-5.38"	1'-10.14"	1'-10.14"	9'-1.34"	1'-5.10.18"
E.M.203.A			5'-5.12"	1'-10.14"	1'-10.14"	9'-1.78"	1'-5.10.14"
E.M.204.A			5'-5.12"	1'-10.14"	1'-10.14"	9'-2"	1'-5.10.38"
E.M.205.A			5'-5.58"	1'-10.14"	1'-10.14"	9'-2.5"	1'-5.10.52"
E.M.206.A			5'-5.34"	1'-10.14"	1'-10.14"	9'-2.18"	1'-5.10.58"
E.M.207.A			5'-5.78"	1'-10.14"	1'-10.14"	9'-2.52"	1'-5.10.34"
E.M.208.A			5'-6"	1'-10.14"	1'-10.14"	9'-2.38"	1'-5.10.78"
E.M.209.A			5'-6"	1'-10.14"	1'-10.14"	9'-2.12"	1'-5.11"
E.M.210.A			5'-6.18"	1'-10.14"	1'-10.14"	9'-2.12"	1'-5.11.18"
E.M.211.A			5'-6.14"	1'-10.14"	1'-10.14"	9'-2.54"	1'-5.11.14"
E.M.212.A			5'-6.38"	1'-10.14"	1'-10.14"	9'-2.34"	1'-5.11.38"
E.M.213.A			5'-6.38"	1'-10.14"	1'-10.14"	9'-2.78"	1'-5.11.52"
E.M.214.A			5'-6.12"	1'-10.14"	1'-10.14"	9'-3.12"	1'-5.11.8"
E.M.215.A			5'-6.58"	1'-10.14"	1'-10.14"	9'-3"	1'-5.11.58"
E.M.216.A			5'-6.58"	1'-10.14"	1'-10.14"	9'-3.18"	1'-5.11.34"
E.M.217.A			5'-6.34"	1'-10.14"	1'-10.14"	9'-3.18"	1'-5.11.78"
E.M.218.A			5'-6.78"	1'-10.14"	1'-10.14"	9'-3.14"	1'-6.0"
E.M.219.A			5'-6.78"	1'-10.14"	1'-10.14"	9'-3.14"	1'-6.0.18"
E.M.220.A			5'-7"	1'-10.14"	1'-10.14"	9'-3.38"	1'-6.0.18"
E.M.221.A			5'-7"	1'-10.14"	1'-10.14"	9'-3.12"	1'-6.0.12"
E.M.222.A			5'-7.18"	1'-10.14"	1'-10.14"	9'-3.12"	1'-6.0.38"
E.M.223.A			5'-7.14"	1'-10.14"	1'-10.14"	9'-3.58"	1'-6.0.12"
E.M.224.A			5'-7.38"	1'-10.14"	1'-10.14"	9'-3.34"	1'-6.0.12"
E.M.225.A			5'-7.12"	1'-10.14"	1'-10.14"	9'-3.78"	1'-6.0.58"
E.M.226.A			5'-7.58"	1'-10.14"	1'-10.14"	9'-4"	1'-6.0.34"
E.M.227.A			5'-7.34"	1'-10.14"	1'-10.14"	9'-4.18"	1'-6.0.78"
E.M.228.A			5'-7.34"	1'-10.14"	1'-10.14"	9'-4.18"	1'-6.0.78"
E.M.229.A			5'-7.78"	1'-10.14"	1'-10.14"	9'-4.14"	1'-6.1"
E.M.230.A			5'-8"	1'-10.14"	1'-10.14"	9'-4.38"	1'-6.1.18"
E.M.231.A			5'-8.18"	1'-10.14"	1'-10.14"	9'-4.12"	1'-6.1.18"
E.M.232.A			5'-8.18"	1'-10.14"	1'-10.14"	9'-4.58"	1'-6.1.14"
E.M.233.A			5'-8.14"	1'-10.14"	1'-10.14"	9'-4.58"	1'-6.1.38"
E.M.234.A			5'-8.38"	1'-10.14"	1'-10.14"	9'-4.34"	1'-6.1.38"
E.M.235.A			5'-8.12"	1'-10.14"	1'-10.14"	9'-4.78"	1'-6.1.12"
E.M.236.A			5'-8.12"	1'-10.14"	1'-10.14"	9'-5.18"	1'-6.1.58"
E.M.237.A			5'-8.58"	1'-10.14"	1'-10.14"	9'-5"	1'-6.1.58"
E.M.238.A			5'-8.34"	1'-10.14"	1'-10.14"	9'-5.18"	1'-6.1.34"
E.M.239.A			5'-8.34"	1'-10.14"	1'-10.14"	9'-5.14"	1'-6.1.34"
E.M.240.A			5'-8.78"	1'-10.14"	1'-10.14"	9'-5.14"	1'-6.1.78"
E.M.241.A			5'-9"	1'-10.14"	1'-10.14"	9'-5.38"	1'-6.2"
E.M.242.A			5'-9"	1'-10.14"	1'-10.14"	9'-5.38"	1'-6.2"
E.M.243.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-5.12"	1'-6.2.12"
E.M.244.A			5'-9.18"	1'-10.14"	1'-10.14"	9'-5.58"	1'-6.2.14"
E.M.245.A			5'-9.14"	1'-10.14"	1'-10.14"	9'-5.58"	1'-6.2.18"
E.M.246.A			5'-9.14"	1'-10.14"	1'-10.14"	9'-5.34"	1'-6.2.14"
E.M.247.A			5'-9.38"	1'-10.14"	1'-10.14"	9'-5.34"	1'-6.2.38"
E.M.248.A			5'-9.38"	1'-10.14"	1'-10.14"	9'-5.78"	1'-6.2.38"
E.M.249.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-5.78"	1'-6.2.12"
E.M.250.A			5'-9.12"	1'-10.14"	1'-10.14"	9'-6.18"	1'-6.2.12"
E.M.251.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6"	1'-6.2.58"
E.M.252.A			5'-9.58"	1'-10.14"	1'-10.14"	9'-6.18"	1'-6.2.58"
E.M.253.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.18"	1'-6.2.34"
E.M.254.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.18"	1'-6.2.34"
E.M.255.A			5'-9.34"	1'-10.14"	1'-10.14"	9'-6.14"	1'-6.2.34"
E.M.256.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	1'-6.2.78"
E.M.257.A			5'-9.78"	1'-10.14"	1'-10.14"	9'-6.14"	1'-6.2.78"
E.M.258.A			5'-10"	1'-10.14"	1'-10.14"	9'-6.38"	1'-6.2.78"
E.M.259.A			5'-10"	1'-10.14"	1'-10.14"	9'-6.38"	1'-6.3"
E.M.260.A			5'-10"	1'-10.14"	1'-10.14"	9'-6.38"	1'-6.3"
E.M.261.A			5'-10"	1'-10.14"	1'-10.14"	9'-6.12"	1'-6.3.18"
E.M.262.A			5'-10.18"	1'-10.14"	1'-10.14"	9'-6.12"	1'-6.3.18"
E.M.263.A			5'-10.18"	1'-10.14"	1'-10.14"	9'-6.12"	1'-6.3.18"
E.M.264.A			5'-10.18"	1'-10.14"	1'-10.14"	9'-6.18"	1'-6.3.18"
E.M.265.A			5'-10.18"	1'-10.14"	1'-10.14"	9'-6.58"	1'-6.3.18"
E.M.266.A			5'-10.14"	1'-10.14"	1'-10.14"	9'-6.58"	1'-6.3.14"
E.M.267.A			5'-10.14"	1'-10.14"	1'-10.14"	9'-6.58"	1'-6.3.14"
E.M.268.A			5'-10.14"	1'-10.14"	1'-10.14"	9'-6.58"	1'-6.3.14"