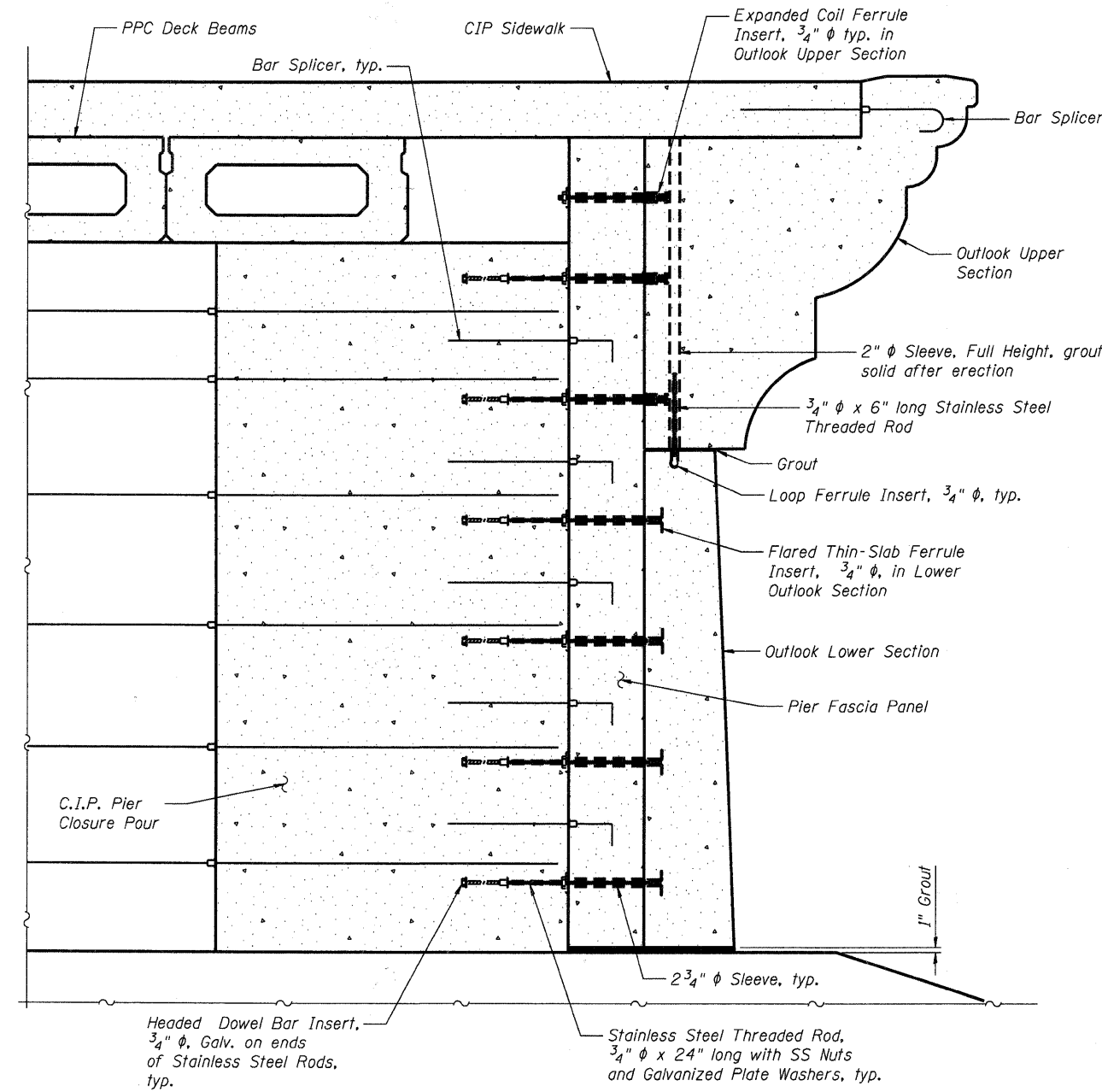
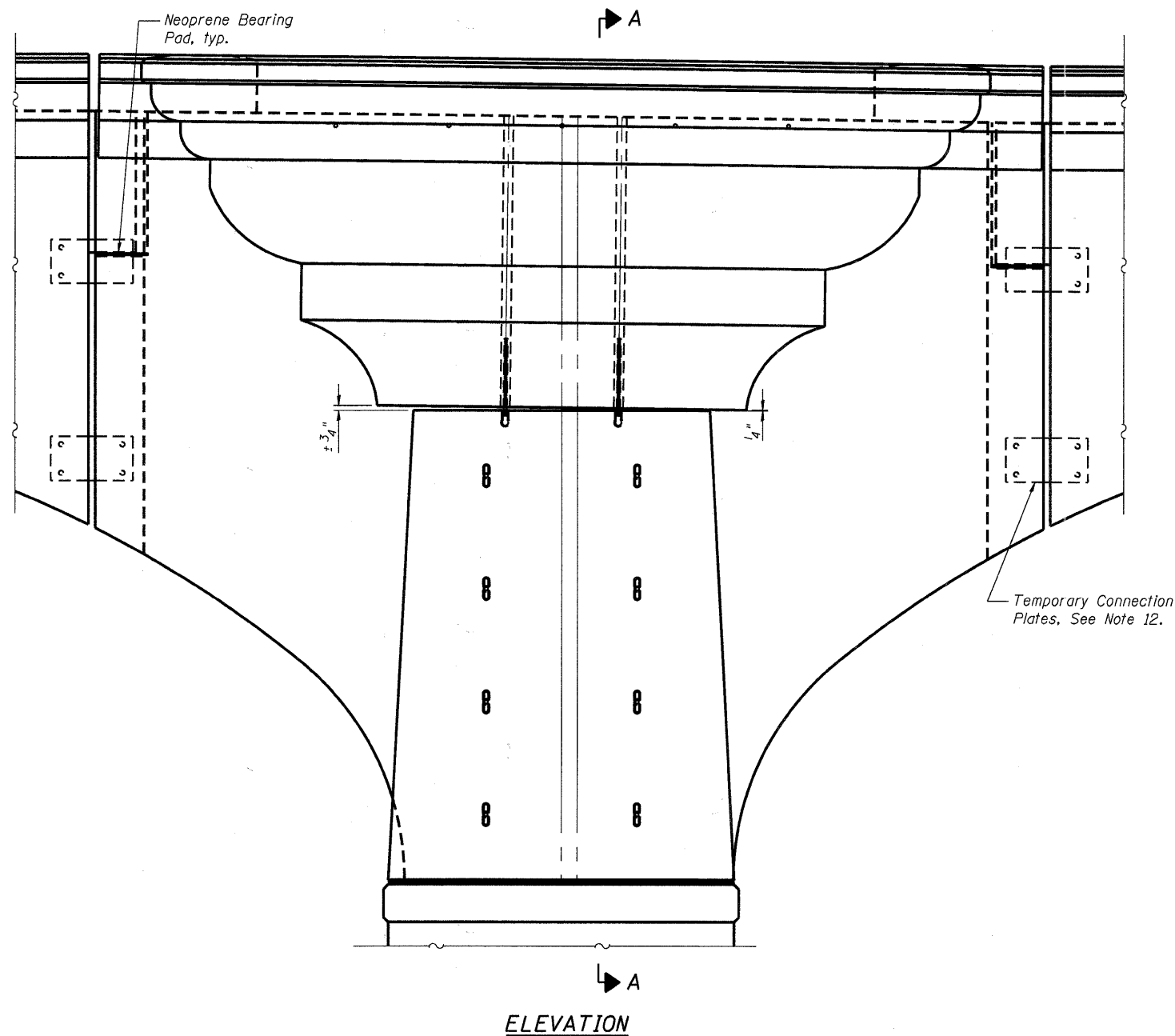


SUGGESTED PRECAST CONCRETE ERECTION SEQUENCE

1. The Contractor shall verify dimensions and coordinate with Fabricator.
2. After the center sections of the cast-in-place concrete piers and abutments have been cast and the center twelve deck beams have been set, erect and temporarily support the pier and abutment fascia panels (NWA, SWA, NEA, SEA, SP-1, SP-2, NP-1 and NP-2). These panels must be shimmed and set in a nominal 1" thick grout bed.
3. Erect the lower sections of the outlooks by shimming and setting them into a 1" nominal grout bed and installing stainless steel threaded rods through the fascia panels into the ferrule inserts in the interior faces of the lower outlook sections. Complete the connections with plate washers and nuts. Note: This step may be omitted if the lower outlook section is monolithic with the pier fascia panels.
4. Install stainless steel threaded rods into ferrule inserts in the tops of the lower outlook sections.
5. Erect the upper section of the outlooks by placing them over the rods in the top of the lower outlook section. Shim the east side of the upper outlook section with a 1/4J nominal shim. Using the 1/4J shim height as a starting point, rotate the upper outlook section to match the profile of the roadway (approximately 3/4J at the west edge of the lower outlook section). Grout the threaded rods in the sleeves from the top of the upper outlook section and grout the space between the upper and lower outlook sections.
6. Install stainless steel threaded rods through the fascia panels and into the upper outlook sections. Complete the connections with plate washers and nuts.
7. Install headed dowel bar inserts onto the ends of the threaded rods that pass through the fascia panels and into the pier closure pour concrete.
8. Install CIP concrete section of bar splicers onto the interior face of the fascia panels and the construction joint faces of the piers.
9. Install balance of pier reinforcement and pier formwork.
10. Cast closure pour concrete for piers.
11. Erect exterior deck beams.
12. Construct concrete wearing surface.
13. Erect center fascia panels (N-1 thru N-3 and S-1 thru S-3) onto bearing pads and pockets of supporting fascia panels. Install temporary connection plates between center fascia panels and supporting fascia panels using bolts threaded into wingwall inserts. These connections must be completed before removing fascia panel from crane hook.
14. Install formwork between fascia panels and exterior deck beams.
15. Install CIP concrete section of sidewalk bar splicers into spanning fascia panels and outlook upper sections.
16. Construct sidewalk on bridge.
17. See sheet SW-2 for the remainder of suggested construction sequence items.



COMPANY NAME: HRGREEN
 PROJECT CONTACT: Michael G. Harding
 CLIENT: City of Aurora
 DATE: 08/24/11
 FILE NAME: 06090472-PP-00103.dgn
 PLOT DRIVER: pefplot
 PEN TABLE: Struct_22x34.tbl



USER NAME = whood	DESIGNED - SSM	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RGD	REVISED -
PLOT DATE = 7/26/2011	DRAWN - WJH	REVISED -
	CHECKED -	REVISED -

CITY OF AURORA
DOWNER PLACE OVER THE WEST BRANCH
OF THE FOX RIVER

PRECAST CONCRETE FASCIA PANEL - ASSEMBLY
STRUCTURE NO. 045-6006

SHEET NO. SW-20 OF SW-48 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00264-00-BR	KANE	164	72
CONTRACT NO. 63620			ILLINOIS FED. AID PROJECT	