It is recommended to profile every 4 ft by surveying each girder under PCP(O) for proper grading of panels.

Stressed rail used to set grade for paving machine is not allowed past exterior girder as shown.

If End Cover is in bars. (Typ)

Space bars OP4# with girder bars OP4 in all areas where measured haunch exceeds 2 ½’ with Pressurized Concrete I-Girders. epoxy coating for bars OP is not required.

Epoxy plus or minus.

Place sealing strip at flange edge as shown. Build adjacent sealing strips longitudinally together with adhesive. Use new connectors with concrete placement over girder and between sealing strips to ensure compaction. Cut sealing strips 2’ higher than anticipated haunch to allow space for top to grade.

Panel bars F must be field bent and welded to the R bars in girder. Two bars per panel.

Field placed bars that are allowed to be lapped. Reinforcing steel that protrudes from panels are not considered bars to be lapped. See Material Notes for applicable bar laps.

Leveling Bolt Pad. 1” Dia Coil Rod or 1” Dia Coil Bolt shown are force fitted to the contractor. After grading each PCP(O) panel with the 1” Dia coil rods or coil bolts, secure each panel in its final resting position (plastic shims, welding, etc) and remove all 1” Dia coil rods or coil bolts for the cast-in-place concrete. Coil rods/bolts must have at least 2” of cover to top of finish grade. Grading bolts are inadequate to carry all conceivable screed/construction loads. Panel support method must be calculated, location identified, and placed on shop drawings.

Method chosen to support panels must be adequate for all construction loads. Panel support method must be calculated, location identified, and placed on shop drawings. Method chosen to support panels must be adequate for all construction loads. Panel support method must be calculated, location identified, and placed on shop drawings.

Provide panel bars F must be field bent and welded to the R bars in girder. Two bars per panel.

For overstress shown otherwise on Span Details.

Example of Rail Anchorage. See Span sheets.

Screed rail prohibited.

CONSTRUCTION NOTES:

Placing panels adjacent to expansion joints and bent centerlines is prior to completing interior panel placement is recommended. Ensure proper spacing of construction joints and consolidation of concrete slab under the edges of the panels. Place sealing strips at girder flange edges so that adequate space is provided for the mortar to flow transversely under the panels as the slab concrete is placed.

Panel placement with Option 1 on the PCP(O) standard is not allowed. It is recommended to profile every 4 ft by surveying each girder under PCP(O) for proper grading of panels. To allow the proper amount of mortar to flow between girder and panel, maintain a minimum vertical opening of 1”. Cross-slope reduces the opening available for every of the mortar. Sealing strips vary in thickness along girder and therefore the top panel with a Class 4 sealant as shown in the Panel Layout.

MATERIAL NOTES:

Provide Grade 60 reinforcing steel in cast-in-place slab. See Table of Reinforcing Steel for size and spacing of reinforcement.

Provide bar laps, where required, as follows:

- Grade 60

Provide sealing strips comprised of one layer low density polyethylene (0.5 lbs density) foam sealing strips or equivalent. Overlap the length of sealing strips by 2. Bond sealing strips to the girder with a 3M Scotch® 4693 or equivalent adhesive to assure compatibility with sealing strips.

GENERAL NOTES:

Designed according to AASHTO LRFD Specifications. These details can be used as an option to construct the deck overhangs when noted on the Span details and in conjunction with the PCP(O)-FAB, PCP and applicable Standard sheets.

Choked spaces must be added between bars to accommodate expansion joint and bent centerline details. Any additional reinforcement or concrete required on these details is subsidiary to the ODOT Reinforced Concrete Design.

Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar.