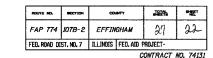
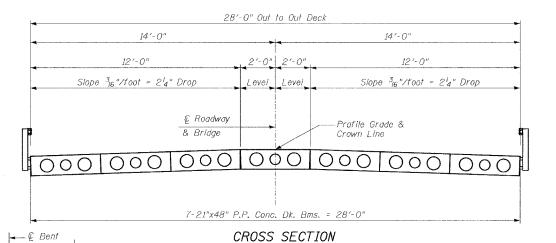
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



SHEET NO. 3 8 SHEETS



← @ Pier ¹₂"x 2¹₂" P.J.F. -full width Fabric Bearing Padîn 1/2"\$ holes (2 Each Beam) I" ϕ x 2'-6" dowel rods in 1^l_2 " ϕ holes drilled in cap (2 each beam)

SECTION THRU PIER SECTION AT ABUTMENTS (Along € beams) (ALONG € BEAMS)

Roadway Pavement - See Roadway Plans dry mix of 2:1 sand and P.C. mortar. I" Dimension may vary plus or minus to accommodate tolerance in beam lengths. -Geocomposite Wall Drain _Bk. of 12" P.J.F.--Backfill with Porous Granular Abut. Embankment (Special) 21x48 P.P.C. Deck Beams on ¹₂" Fabric Bearing Pad *Drainage Aggregate -Excavation for placing Porous Granular Embankment (Special) is paid for as Structure Excavation. -Elev. 515.47 Geotechnical Fabric for French Drains 1'-3" * 4" Ø Perforated -6" Bedding 2'-6" | Bk. of Abut. *⊢Filter Fabric* Stl. H Piles -16" Stone Riprap Class A4 ₽ile Bent

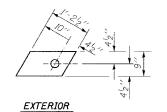
> SECTION THRU ABUTMENT (AT RT. L's)

* Included in the cast of Pipe Underdrains for Structures.

DESIGNED TMM CHECKED KCM All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the DRAWN CAR wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. CHECKED TMM The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

* 1" Joint shall be packed with a very

— Exterior Beam x 12" x 2'-5" or 1'-212" Fabric Brg. Pad INTERIOR



1/2" FABRIC BEARING PAD DETAILS

NOTES

- 1. Nominal I" joint at @ Pier may be filled with non-shrink grout in lieu of P.C. mortar mixture at contractor's option.
- 2. Longitudinal keys shall be grouted.

Provide two 18" Fabric Shim Pads for each bearing pad location

3. The bearing seat surfaces shall be adjusted by shimming to assure firm and even bearing. Two $^{l}8^{\prime\prime}$ fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.

P.P.C. DECK BEAM SUPERSTRUCTURE **DETAILS** 1200th STREET OVER GREEN CREEK FAP RTE. 774, SECTION 107B-2 EFFINGHAM COUNTY STATION 204+33.91 S.N. 025-3309