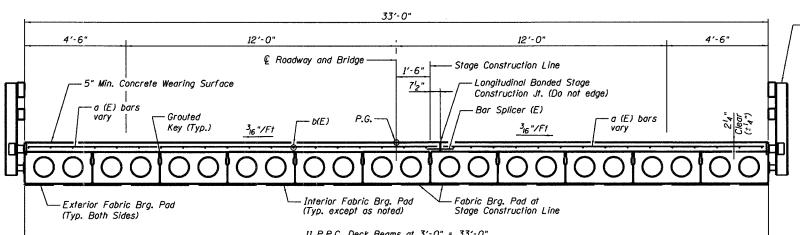
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

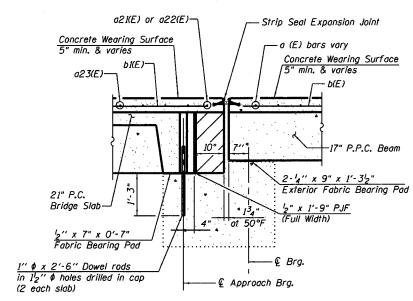


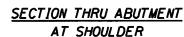
15 SHEETS

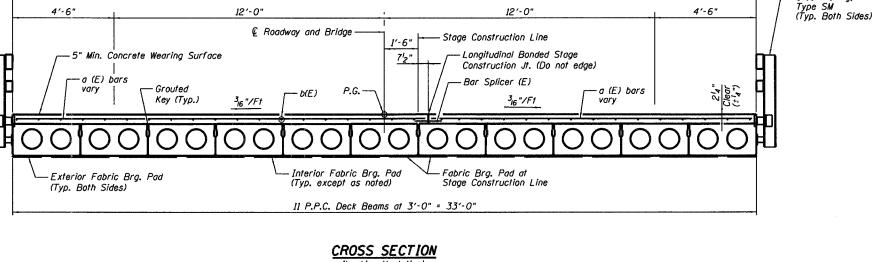
Steel Railing.

Contract #78024

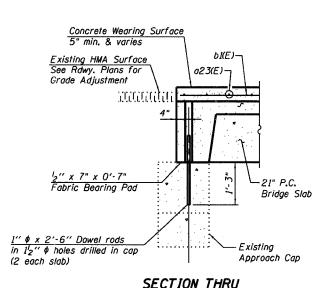








(Looking Upstation)



SECTION THRU APPROACH CAP

Consulting Engineers

14" x 34" Formed joint with

concrete joint sealer without the backer rod (full width).

Cost included with Concrete

2" x 6" PJF Full width

€ Brg.-

in beam lengths.

2'-10'2"

-a21(E) or

r-b2(E)

at 50°F

SECTION THRU ABUTMENT

AT APPROACH SLAB

a22(E)

Wearing Surface

17" P.P.C. Beam

(Typ. except as noted

Interior Fabric Bearing Pad

Concrete Wearing Surface 5" min. & varies

Existing Approach

12" x 1'-9" PJF (Full Width)

Slab

Existing HMA Surface See Rdwy. Plans for

Grade Adjustment

2" x 9" x 2'-7"

in Cross Section)-

—a(E) or a12(E)

Concrete Wearing Surface

-17" P.P.C. Beam

(Typ. except as noted in Cross Section)

5" min. & varies

<u>' x 9" x 2'-</u>7"

(2 each beam)

- Strip Seal Expansion Joint

' min. & varies

___ b(E)

2-4" x 9" x 2'-7"

- € Brg.

Interior Fabric Bearing Pad

Concrete Wearing Surface

-17" P.P.C. Beam

(Typ. except as noted in Cross Section)

a (E) bars vary

Interior Fabric Bearing Pad

<u>1" ∮ x 2'-6" Dowel rods</u>

in 1½" \$ holes drilled in cap

b(E)-

SECTION THRU PIER

* 1" Jt. shall be filled with non-shrink grout. 1" dimension may vary to accommodate tolerance

DESIGNED RLM CHECKED MEL DRAWN AEC CHECKED RLM

Notes.

After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure min. 24 hrs. prior to grouting the shear keys. All horizontal dimensions are at right angles to beam ends. Hatched area to be poured after P.P.C. deck beams and P.C. bridge slab are in place. See Sheet No. 7 of 15 for concrete structures details.

See Sheet Nos. 5 and 6 of 15 for bearing pad details. See Sheet No. 8 of 15 for concrete wearing surface details. See Sheet No. 10 of 15 for strip seal expansion joint details.

SUPERSTRUCTURE DETAILS SECTIONS AND JOINT DETAILS ILL. ROUTE 34 OVER EWING CREEK F.A.P. ROUTE 869 SECTION 101BR-1 FRANKLIN COUNTY STATION 362+35.00 STRUCTURE NO. 028-0047