

DIAPHRAGM ELEVATION AT ABUTMENT

Const. Joints

-v(E)

 $m_5(E)$

-s (E)

*m(E) and

Varies-

Bar Splicers (E) for #5 bars

Level Elev.

W. Abut. 513.58

E. Abut. 506.26

2'-6"

 $a_3(E)$ and

 $a_4(F)$

 $*m_I(E)$ and

#5 v₅₀(E) bars

at 1'-0'' cts.

Rt. L's

@ Abut.-

 $m_6(E)$

 $-s_1(E)$

a(E) and

typ.

Const. Joint

**m3(E) or $m_4(E)$

a5(E)

 $b_2(E)$ $a_1(E)$ and

as(E.

2" thick Rocker Plate-

Thread and cap end Light pole of conduit. When ready for wiring, replace cap -See electrical details with bushing. Stainless steel standard grade wire cloth-Type 304, 4 x 4 Vibration isolation mesh 0.047" wire diameter. pad (by others) Anchor rods, provide 3 flat 2" PVC conduit.washers, 1 regular nut & 1 locknut for each rod. See this Sht. for Anchor Rod Details 3-#6 d₂(E) bars-Preferred location for conduit

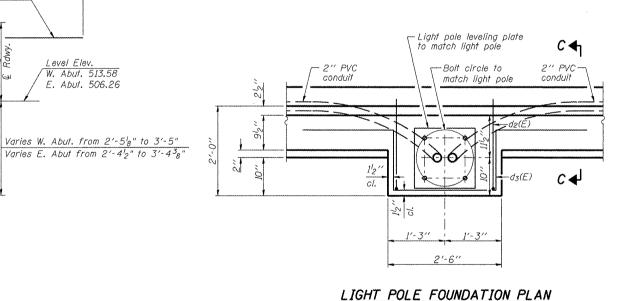
-Locknut & 2 Washers -Nut & Washer

ANCHOR ROD

1" Diameter (or as otherwise specified for light poles). Coordinate with Lighting Plans. (ASTM F 1554 Grade 105)

SECTION C-C

Note: Cost of Anchor Rods, Leveling Plate, and Conduit is included with Concrete Superstructures.



NOTES

- 1. Reinforcement bars in diaphragm are billed with superstructure on Sht. 12 of 33.
- 2. Concrete in diaphragm is included with Concrete Superstructure on Sht. 12 of 33.
- 3. For details of bars s(E) & $s_1(E)$ see Sht. 12 of 33.
- 4. The s(E) and $s_1(E)$ bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles
- 5. See Abutment Details, Sht. 17 and 18 of 33 for v₅₀(E) bars.

DIAPHRAGM AND LIGHT POLE FOUNDATION DETAILS AIRPORT ROAD OVER U.P.R.R. AND KICKAPOO CREEK TRIBUTARY STATION 45+42.00

SECTION A-A

Dimensions at right angles to abutment, except as shown.

-€ Anchor bolt

Back of

Abut.

DESIGNED PJL CHECKED LLV DRAWN MGM CHECKED PJL

Structural Steel.

l_A'' elastomeric neoprene leveling

Specifications. Cost included with

pad according to the material properties of Art. 1052.02(a) of the Standard

MINIMUM BAR LAP

(Diaphragm) #6 bar = 2'-7" **AECOM**

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(3 Required)

SHEET NO. 13 OF 33 SHEETS

TOTAL SHEET NO. SECTION COUNTY 6578 (1-R)RS(1-VC)BR PEORIA 142 73 STRUCTURE NO. 072-0201 | CONTRACT NO. 68092 FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT