STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROUTE NO. GRECTION COUNTY TOTAL PRICETS SHEET NO. 10° F.A.P. 595 1-3-K Rock Island 476 261 22 SHEETS

Notes.

Reinforcement bars in diaphragm are billed with superstructure on sheet 8 of 22.

Concrete in diaphragm is included with Concrete Superstructure on sheet 8 of 22.

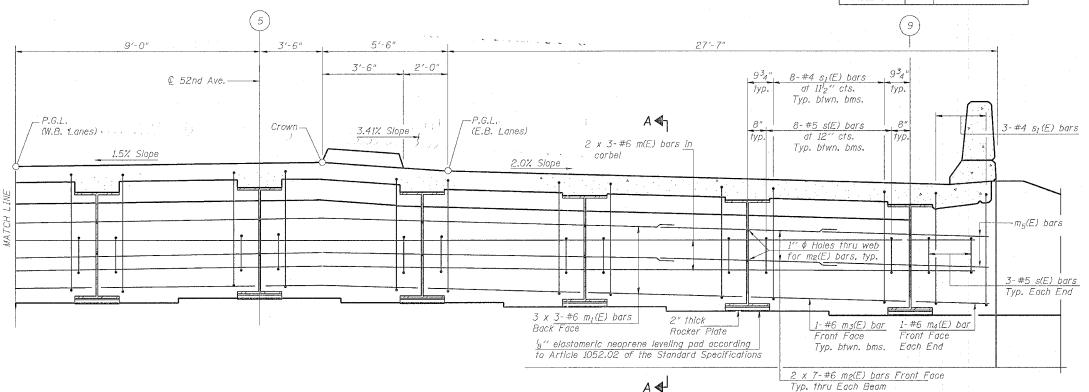
For details of bars s(E) & $s_1(E)$ see this sheet. For details of bar v(E) see sheet 8 of 22.

The s(E) and $s_1(E)$ bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

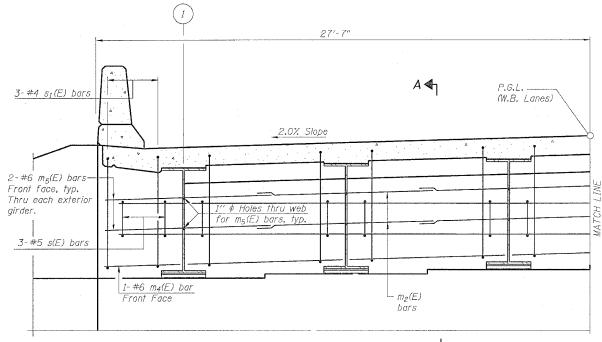
For anchor bolt details see sheet 14 of 22.

MIN. BAR LAP

#6 bar = 2'-9"



4'-0"



PARTIAL DIAPHRAGM ELEVATION AT ABUTMENT

 $A \blacktriangleleft J$

(Looking East)

(Dimensions are ◎ Rt. L's © 52nd Ave.)

DESIGNED	JBF ⁻
CHECKED	JBF
DRAWN	RAP
CHECKED	. JBF
SI-DS1	9-01-03

10" 2'-6" Bar Splicers (E) for --b(E) #5 bars - Const. Joints $-a_1(E)$ or I bi(E) -- v(E) Elev. 597.61 $d_2(E)$ $m_2(E)$ or $m_5(E)$ $m_1(E)$ typ. $\underline{m_3(E)}$ or $m_4(E)$ Varies -* Concrete Nails (Flat Hd. Const. Joint C.S.) 1" long at 12" cts. * Fabric Reinforced Elastomeric Mat (See 2" thick Rocker Plate -Special Provisions). Fabric mat shall be #5 v_I (E) bars Back of 12" wide, full length of abutment and at 12" cts. sealed with mastic. ^lg" elastomeric neoprene leveling pad according to Art. 1052.02 of the Standard Specifications. Cost $\$ 1" ϕ x 12" anchor bolt with 1^3_8 " x 2" slotted hole in the bottom flange, (one included with Structural Steel. Rt. L's each side of web.) Contractor has

option of cast in place or drilled installation.

SECTION A-A

Dimensions at right angles to abutment, except as shown.

* Cost included with Concrete Superstructure.

DIAPHRAGM DETAILS AT EAST ABUTMENT

PARTIAL DIAPHRAGM ELEVATION AT ABUTMENT
(Looking East)

(Dimensions are @ Rt. L's € 52nd Ave.)

6'-0"

52nd AVE. OVER MILAN BELTWAY FAU ROUTE 5822 SECTION 1-3 ROCK ISLAND COUNTY STATION 1159+12.92 STRUCTURE NO. 081-0156