Dimensions at right angles to abutment, except as shown. \* Cost included with Concrete Superstructure.

\*\*418" at CenterLine of Beam

\*\*\*2'-0'a" at Centerline of Beam

Notes: Reinforcement bars in Diaphraam are Rilled With Superstructure on Sheet 10 of 22 . Concrete in Diaphragm is Included with Concrete

Superstructure on Sheet 7 of 22 . For Details of Bars s(E) & st(E) See Sheet 10 of 22. The s(E) and s1(E) Bars Shall Be Placed Parallel to the

(Horiz, dim. @ Rt. \'s)

Beams. Spacing for These Bars Shall be at Right Angles to the Beams. For Anchor Bolt Details, See Sheet 19 of 22.

MIN. BAR LAP #6 bar = 2'-9"

All drainage components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with side slopes. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)

# R M E Mesia Engine

## REVISIONS NAME DATE

### DIAPHRAGM ELEVATION. SECTIONS & DRAIN DETAIL

DIXIE HIGHWAY OVER **BUTTERFIELD CREEK** F.A.U. ROUTE 2843 SECTION 3249B-R STA. 78+55.00 COOK COUNTY STRUCTURE NUMBER 016-7946

SCALE: NOT-TO-SCALE DATE 6-25-09

DRAWN BY BV DESIGNED BY BS CHECKED BY PK