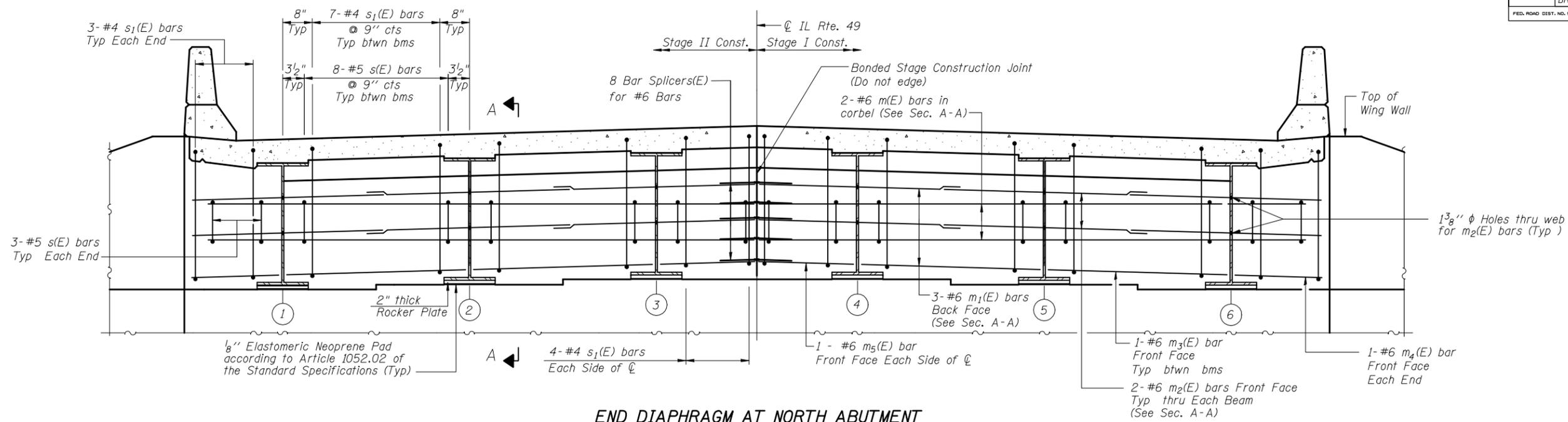
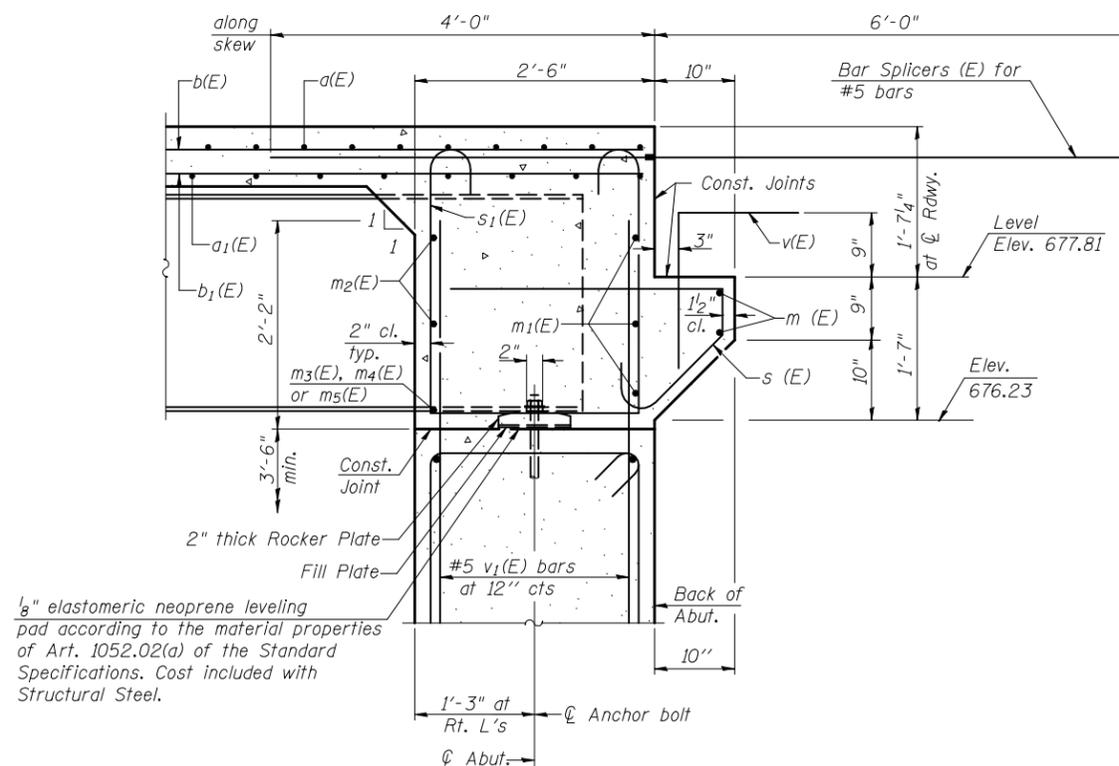


| | | | | | |
|-----------------------|----------|-------------------|--------------|-----------|--------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 11 |
| FAP 836 | 118 BR-2 | Champaign | 45 | 22 | 21 SHEETS |
| FED. ROAD DIST. NO. 5 | ILLINOIS | FED. AID PROJECT- | | | |



END DIAPHRAGM AT NORTH ABUTMENT
 (Looking North)
 (South Abutment Similar)
 (Dimensions are perpendicular to ϕ Roadway)



SECTION A-A

Dimensions at right angles to abutment, except as shown.

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 8 of 21.

Concrete in diaphragm is included with Concrete Superstructure on sheet 8 of 21.

For details of bars s(E) & s₁(E) see sheet 8 of 21

The s(E) and s₁(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 10 of 21.

Work this sheet with sheets 7 and 8 of 21.

Pour Abutment Diaphragms monolithically with Slab.

For Bar Splicer Details see Sheet 16 of 21.

MIN. BAR LAP

#6 bars = 2'-9"

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
END DIAPHRAGM DETAILS
IL RTE. 49 OVER LITTLE VERMILION RIVER
FAP 836 SECTION 118BR-2
CHAMPAIGN COUNTY
STA. 688+85 STR. NO. 010-0284
 SCALE: VERT. _____
 HORIZ. _____
 DATE MAY 2008
 DRAWN BY AGG
 CHECKED BY MJS

TUG PROJ. # 3107012-01
 PLOT DATE = 8/19/2008 4:24:45 PM
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