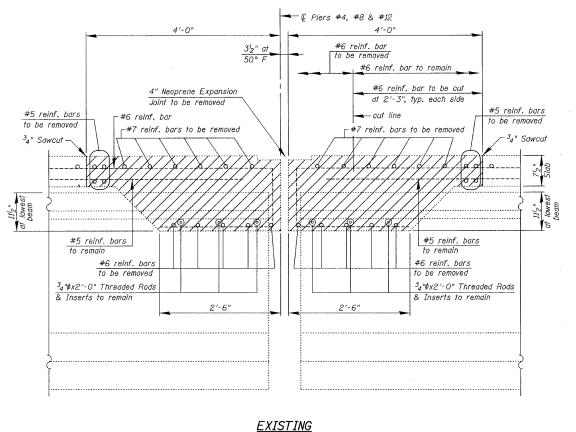
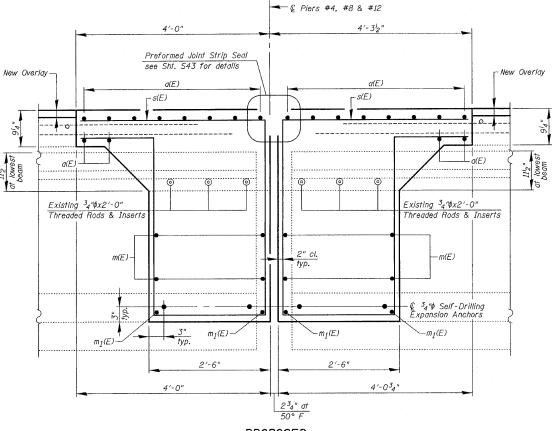
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



SECTION B-B

(at Piers #4, #8 & #12)

LEGEND: Concrete Removal



PROPOSED

SECTION B-B (at Piers #4, #8 & #12) 5-#4s(E) bars Existing 34"\$x2'-0" Threaded at 15"± cts. Rods, typ. (to remain) Existing Conduit to remain. The Contractor must take every precaution as not to damage the conduit. 2-#4m(E) bars at 15" cts. each face of diaphragms 2-#6mj(E) bars, bottom 2-3₄"\$\psi self-drilling expansion anchors drilled into the existing beam with $\frac{3}{4}$ " $\phi x 2' - 0$ " threaded rods, each end of diaphragms Typ. btwn. beams | Piers #4 & #8 | Pier #12 Var. from 7'-0" to 7'-0'4"

PROPOSED

SECTION C-C (at Piers #4, #8 & #12) **Expansion Anchors shall be placed to avoid all reinforcement. Cost of Expansion Anchors is included with Reinforcement Bars, Epoxy Coated (32 per Joint = 96 total)

EXPANSION JOINT & DIAPHRAGM RECONSTRUCTION DETAILS AT PIERS #4, #8 & #12 IL. RTE. 251 OVER IL. RTE. 38 C&NW R.R. AND B.N. R.R. F.A.P. RTE. 740 (IL. RTE. 251) SECTION (108HVB)M OGLE COUNTY STA. 856+44.00 STRUCTURE NO. 071-0066

DESIGNED -	_	2010
CHECKED	EXAMINED	
DRAWN -	PASSED	ENGINEER OF BRIDGE DESIGN
CHECKED -	ENGI	EER OF BRIDGES AND STRUCTURES

CHRISTIAN-ROGE & ASSOCIATES, INC.	SHEE.	ΓΝ
ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606	S43	SHE

SHEET NO. S9 R	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
	740	(108HVB)M	OGLE	55	16
S43 SHEETS			CONTRACT	NO. 6	4G24
		ILLINOIS FED. A	D PROJECT		