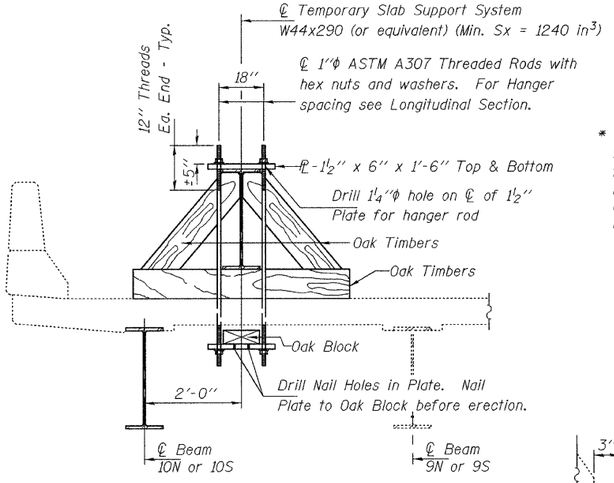
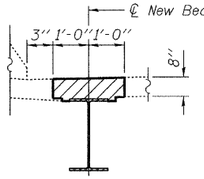
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



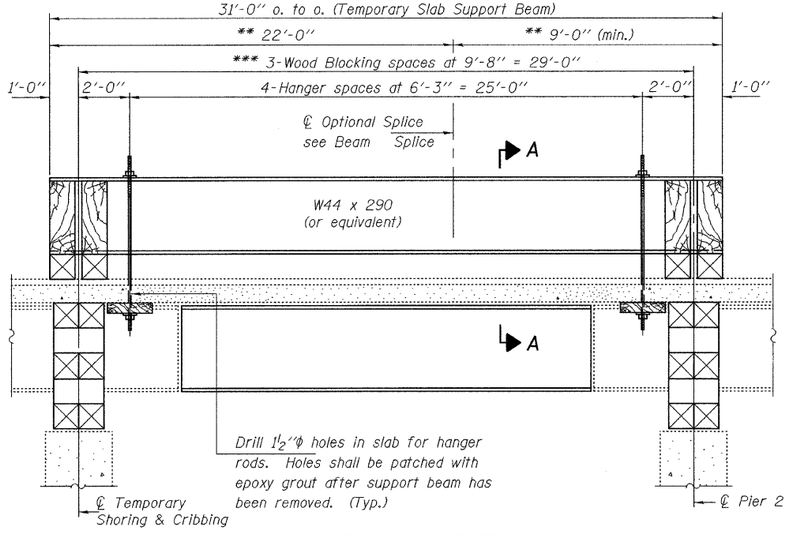
SECTION A-A

** These dimensions may vary for available beams in stock.

*** Wood Blocking to be placed after support beam is allowed to deflect under its own weight.



SECTION B-B

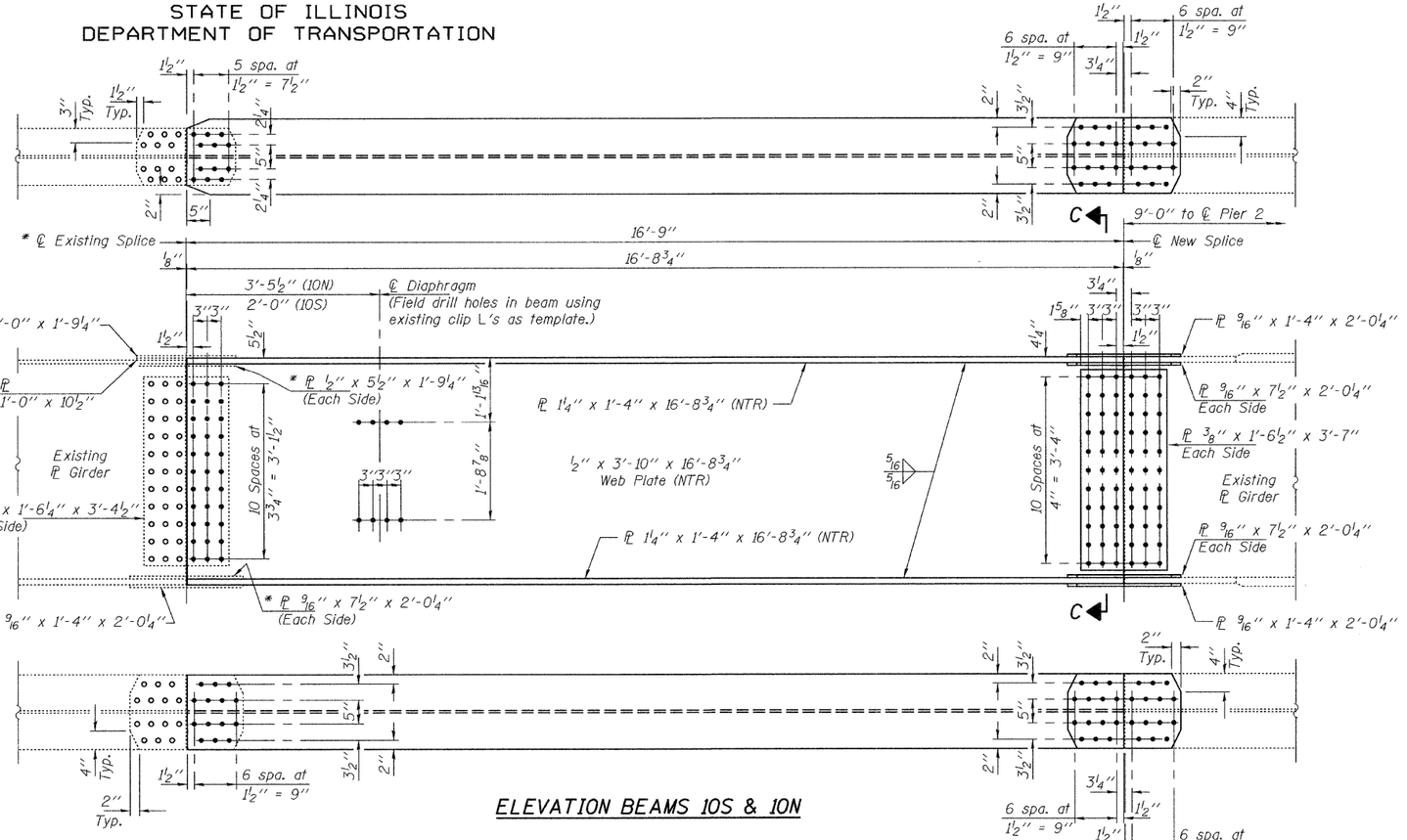


LONGITUDINAL SECTION
SUGGESTED TEMPORARY SLAB SUPPORT SYSTEM

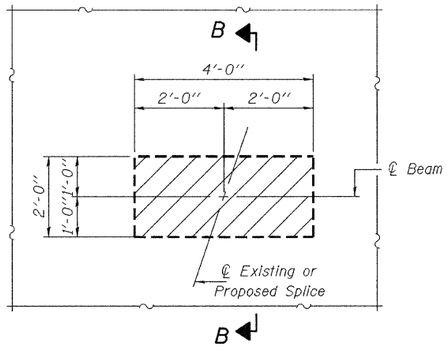
DESIGNED	AJB
CHECKED	ATH
DRAWN	Kyle M. Steffen
CHECKED	AJB ATH

OCTOBER 13, 2009
EXAMINED A. Carl Tuxoy
ENGINEER OF STRUCTURAL SERVICES
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

* Use new flange and web splice PL's at Beam 10S. Use existing flange and web splice PL's at Beam 10N and use existing PL's as template to field drill holes into new beam.

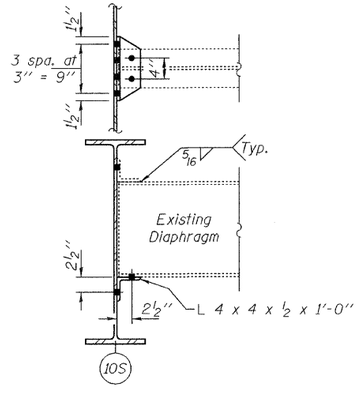


ELEVATION BEAMS 10S & 10N



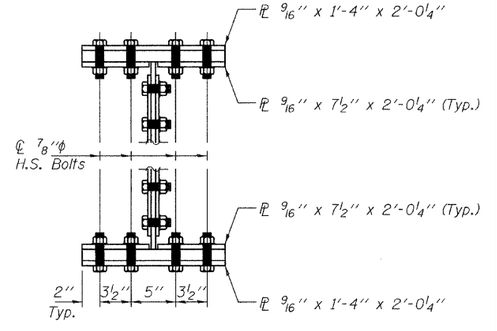
TYPICAL CONCRETE SURFACE REMOVAL AND REPLACEMENT

Hatched areas indicate concrete sections to be removed and replaced. Perimeters of concrete removal areas shall be saw cut ¾" prior to the removal of concrete.
Reinforcement shall be cut only if required for fitting bolts. Cut reinforcement shall be spliced as directed by the Engineer. Cost shall be included with Concrete Removal.



CLIP ANGLE REPLACEMENT DETAIL

Field drill holes in new beam and existing diaphragm using holes in new Clip L as template.



SECTION C-C

BEAM REPLACEMENT DETAILS
SN 022-0096 & 0097

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	290/355	22(1,1-1, 2 & 3)RS-7	DuPAGE	546	317C
			CONTRACT NO. 60G51		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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