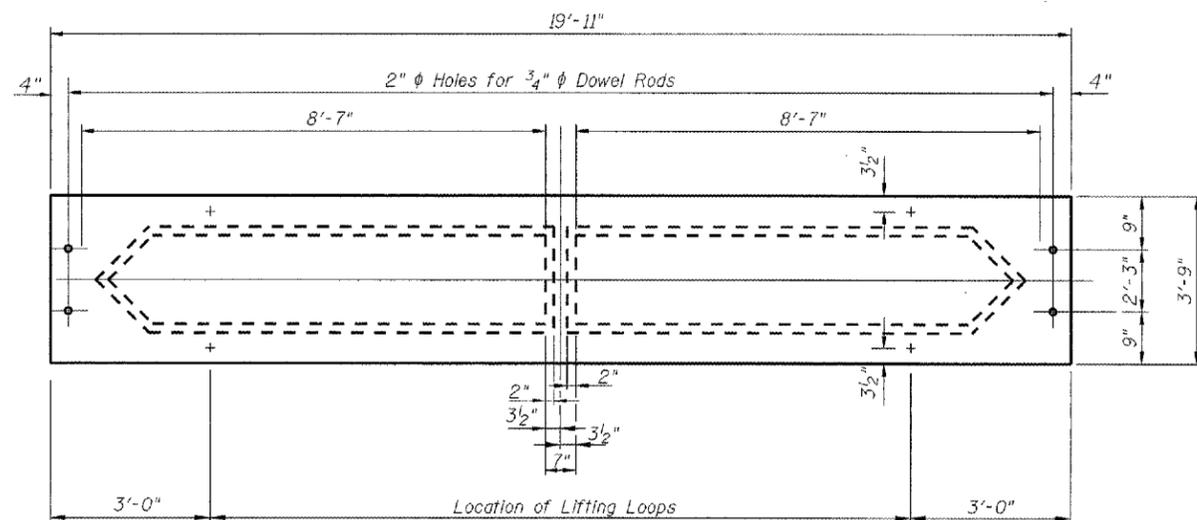
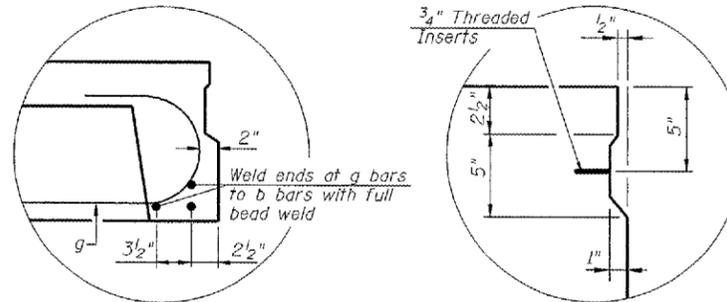


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(39B)1	McDONOUGH	38	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	SHEET 5 OF 12 SHEETS	



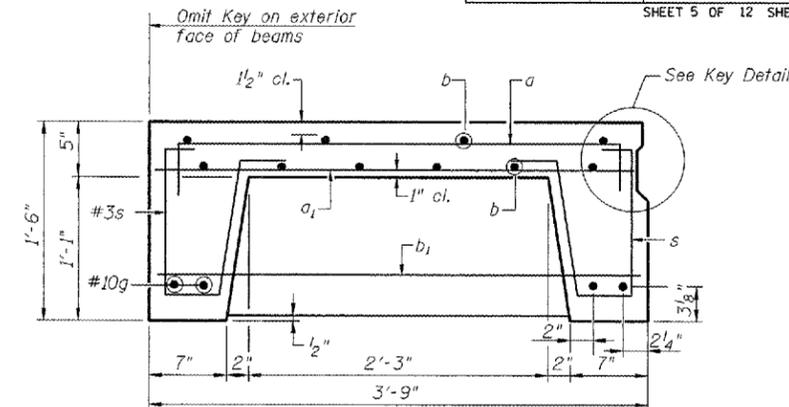
PLAN

Note: Tack welding of stirrups to bottom longitudinal reinforcement bars will not be permitted except as otherwise authorized in writing by the Engineer.



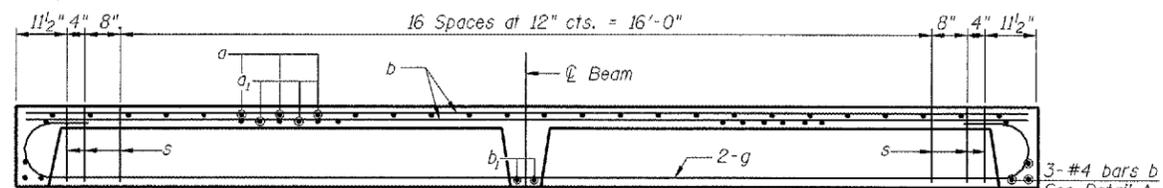
DETAIL A

KEY DETAIL



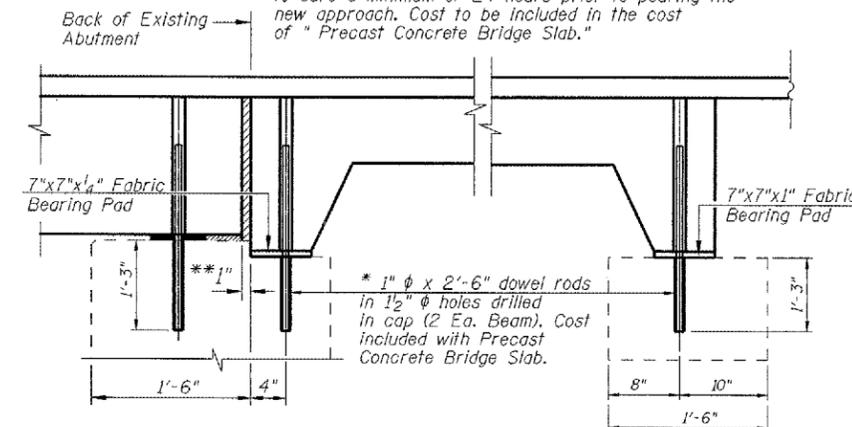
TYPICAL SECTION

*Existing Dowel Rods shall be cut and ground flush with the top of the existing concrete. Cost to be included in the cost of "Removal of Existing Superstructures". New Zinc Coated Dowel Rods shall be grouted after beams are in place and allow to cure a minimum of 24 hours prior to pouring the new approach. Cost to be included in the cost of "Precast Concrete Bridge Slab."



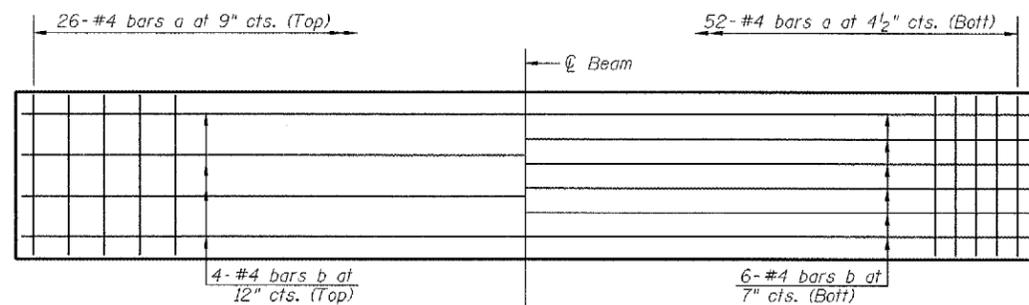
LONGITUDINAL SECTION

The surface of the member shall not deviate more than 1/1200 of the full length of the member on the member's surface. In addition to State Inspection and prior to erection, the beam shall be tested and approved by the resident Engineer at the jobsite. The units shall remain on the bottom supporting forms until the concrete has attained a compressive strength of not less than 3,500 pounds per square inch. The bearing seat surfaces shall be adjusted by shimming to assure firm and even bearing. Two 1/8" fabric adjusting shims of the dimensions shown shall be provided for each bearing.

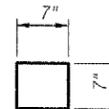


TYPICAL SECTION

** Joint shall be filled with non-shrink grout. Dimension may vary to accommodate tolerance in beam lengths.



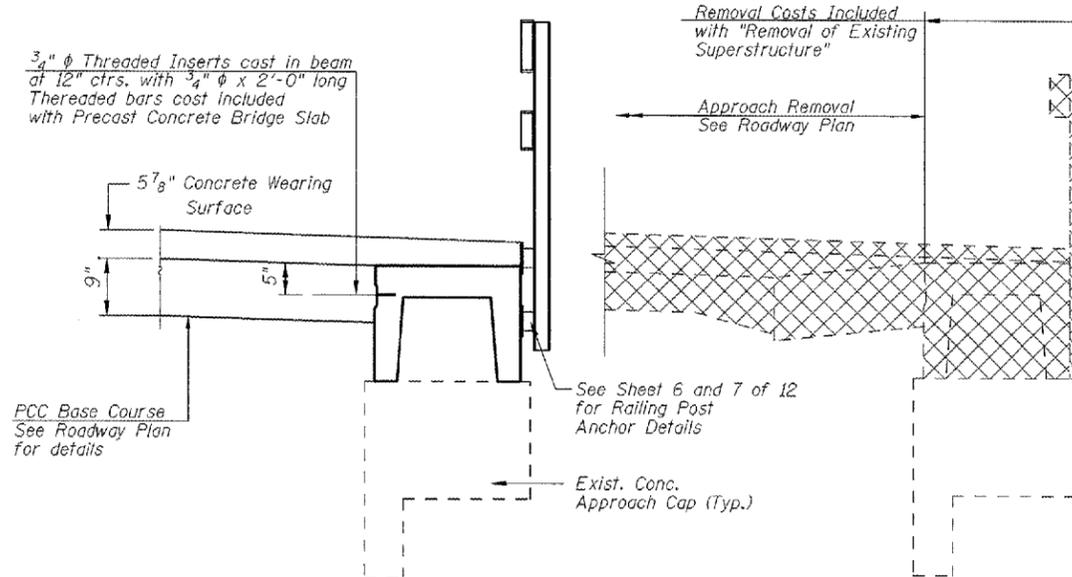
SLAB REINFORCEMENT



BEARING PADS

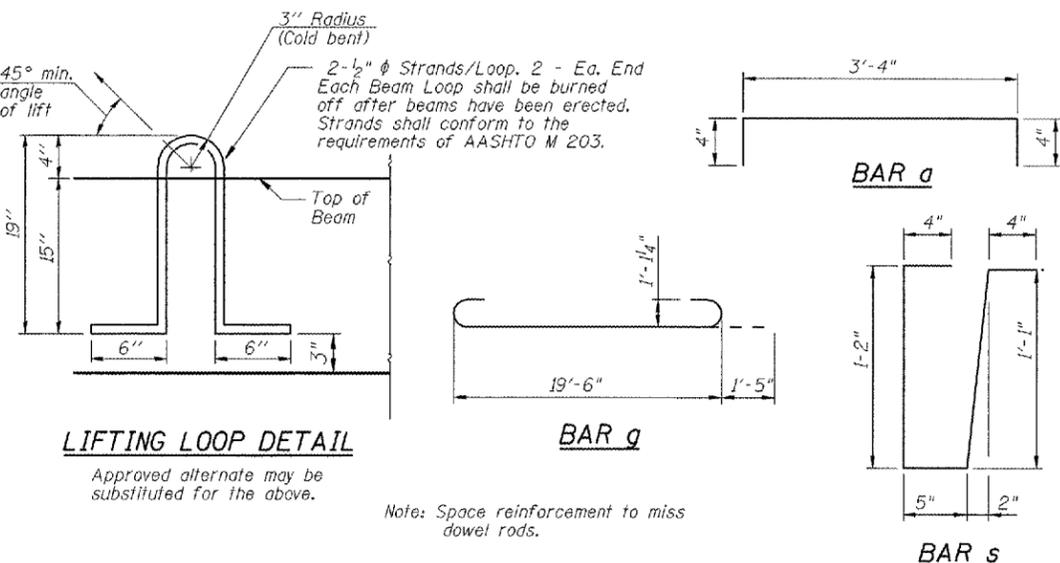
(1" - 8 Required)
(4" - 8 Required)

3/4" ϕ Threaded Inserts cast in beam at 12" cts. with 3/4" ϕ x 2'-0" long Threaded bars cast included with Precast Concrete Bridge Slab



TYPICAL APPROACH SECTION

TYPICAL APPROACH REMOVAL SECTION



LIFTING LOOP DETAIL

Approved alternate may be substituted for the above.

Note: Space reinforcement to miss dowel rods.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Concrete Bridge Slab	Sq. Ft.	299

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROACH DETAILS
US 67 OVER TROUBLESOME CREEK
FAP 310 SECTION (39B)1
McDONOUGH COUNTY STR. 055-0005

SCALE: N.T.S.
DATE DEC 2007

DRAWN BY GEW
CHECKED BY MJS

TUG PROJ. # 307012-01
 PLOT DATE = 1/18/2008 9:44:44 AM
 FILE NAME = P:\1007\Distric\310\Troublesome Creek\CAD\Upchurch working files\ApproachDetails