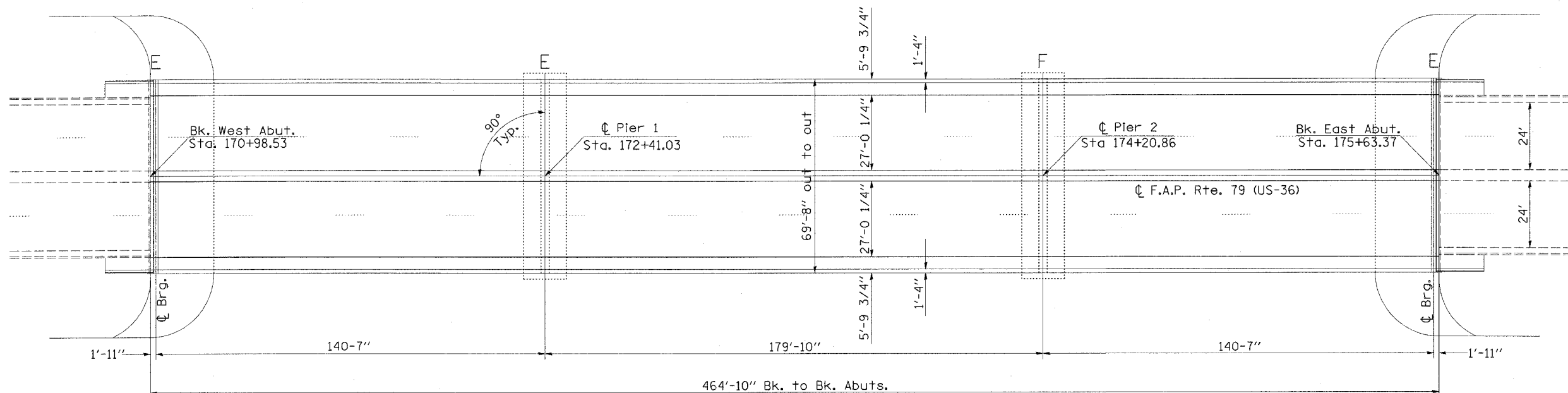


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		MACON	12	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• D7 JOINT REPAIRS 2007-3				

EXISTING STRUCTURE: Structure No. 058-0020 carries US-36 over Lake Decatur. A three span continuous plate girder 69'-8" o. to o. and 464'-10" bk. to bk. of abutments built in 1956. Structural repairs completed in 1986.



GENERAL PLAN VIEW

BRIDGE GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50 F.

Removal and reinstallation of one existing Type L Aluminum Railing support post at each corner of the bridge will be necessary for construction of the expansion joints. The existing handrail sections and support posts shall be reused. New bolts, bearing pads, and post support anchor assemblies as detailed in the plans are to be provided and installed for the reinstallation of the supports. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Removal of all existing expansion joints shall be included in the contract unit price for Concrete Removal.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering the removal of the existing concrete.

Removal and reinstallation of the conduit attached to the outside face of the parapet will be necessary to construct the expansion joints. The Contractor will be responsible for coordinating with the utility in performing the removal and reinstallation of the conduit. The Contractor shall use care during concrete removal so as not to damage the conduit. The cost of this work, including the mounting hardware to reinstall the conduit, shall be included in the unit price for Concrete Superstructure. Following is the contact information for the utility:

Name: Robert Davis
 Title: Construction Supervisor
 Company: Insight Communications
 1275 North Water Street
 Decatur, IL 62521
 Business: (217)424-4232
 Mobile: (217)519-0689
 Business Fax: (217)429-0170

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU. YD.	25.6
PREFORMED JOINT STRIP SEAL	FOOT	138
CONCRETE SUPERSTRUCTURE	CU. YD.	25.6
REINFORCEMENT BARS, EPOXY COATED	POUND	5490
BAR SPLICERS	EACH	80

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN VIEW
BRIDGE GENERAL NOTES
BILL OF MATERIALS
SN 058-0020
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/25/2007
 FILE NAME = 74202b.dwg
 PLOT SCALE = 50.0000 / 1
 USER NAME = swartz