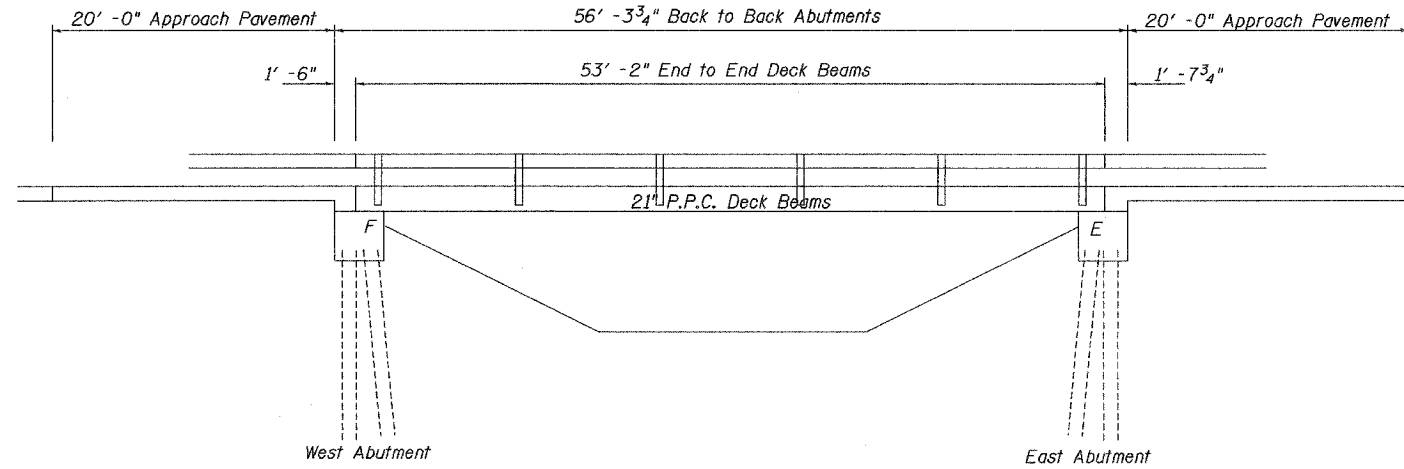


Station Equation 914+59.80 BK(Roadway Plan) = 547+15.80 AH(Bridge Plans)

CONTRACT NO. 64C02				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117BR-M	Ogle	15	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

Sheet 1 of 5 Sheets



Elevation

**Note:**  
Existing Beams 1, 8, 9, 10 & 11 from the North are to be Removed and Replaced. For details see sheets 13 thru 15 of 15.

General Notes

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.

All structural steel shall be AASHTO M 270 Grade 36, unless otherwise noted.

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

Reinforcement bars designated (E) shall be epoxy coated.

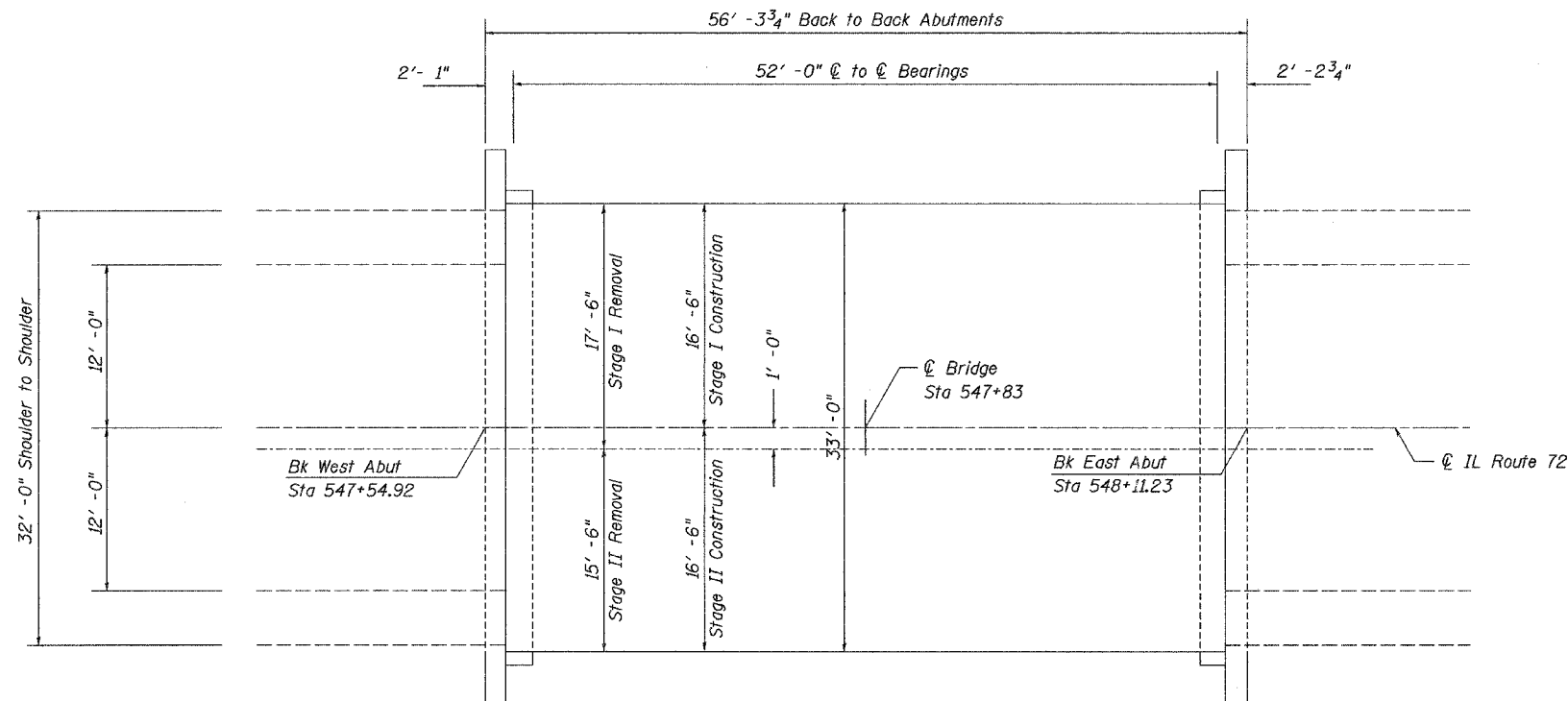
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

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.

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M 300, Type 1. Cost included with Furnishing and Erecting Structural Steel.

Total Bill of Material

ITEM	UNIT	QUANTITY
HMA SUR REM COMPLETE	SQ YD	106
CONC WEARING SURF 5"	SQ YD	199
BR DECK GROOVING	SQ YD	186
CONC SUPERSTRUCTURE	CU YD	3.6
CONC REM	CU YD	3.1
F & E STRUCT STEEL	POUND	450
REINF BARS, EPOXY CTD	POUND	3030
KEYWAY REPAIR	FT	266
DOWEL REPAIR	EA	12
BEARING PAD ADJUSTMENT	EA	12
SILICONE JOINT SEALER	FT	33
PROTECTIVE COAT	SQ YD	199
BAR SPLICERS	EA	64
STEEL RAILING TYPE SM	FOOT	107
POLYMER CONCRETE	CU FT	2.4
PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	798
REMOVAL OF EXISTING PPC DECK BEAMS	SQ FT	798
ASBESTOS BEARING PAD REMOVAL	EACH	5



Plan

DESIGN STRESSES

FIELD UNITS  
f'c = 5,000 psi (Conc. Wearing Surface)  
f'c = 3500 psi  
fy = 60,000 psi (Reinforcement Bars)

General Plan and Elevation  
Illinois Route 72 over Tributary to Mud Creek  
FAP Route 549  
Section 117BR-M  
Ogle County  
Structure No. 071-0068

DATE =  
DRAWN BY =  
CHECKED BY =  
SCALE =  
USER =