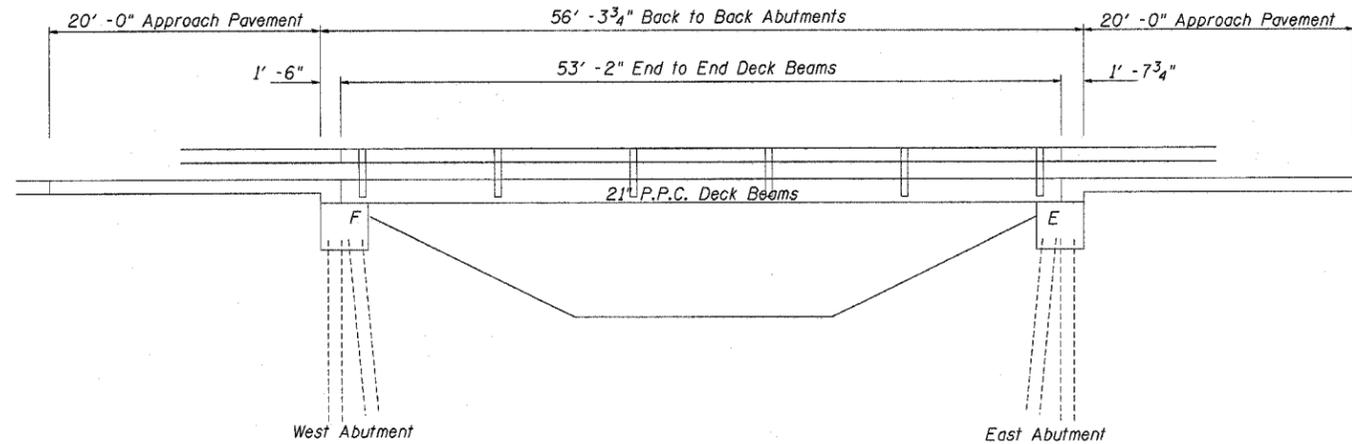
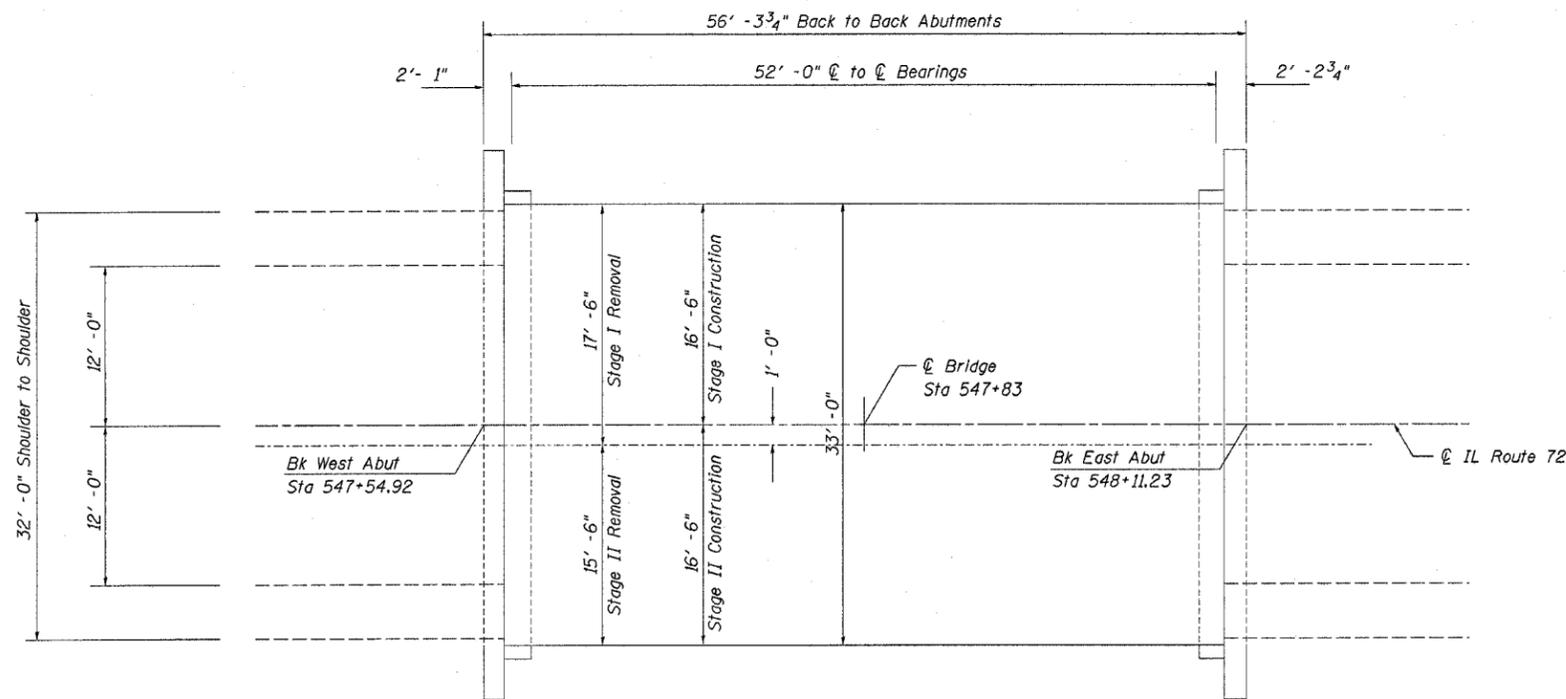


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117BR-M	Ogle	12	7
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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



Elevation



Plan

General Notes

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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

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 503.10(c) 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
BIT CONC SUR REM COMPLETE	SQ YD	203
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	3010
KEYWAY REPAIR	FT	524
DOWEL REPAIR	EA	22
BEARING PAD ADJUSTMENT	EA	22
SILICONE JOINT SEALER	FT	33
PROTECTIVE COAT	SQ YD	199
BAR SPLICERS	EA	64
STEEL BRIDGE RAIL, TYPE SM	FOOT	107
POLYMER CONCRETE	CU FT	2.4

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

DESIGN STRESSES

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