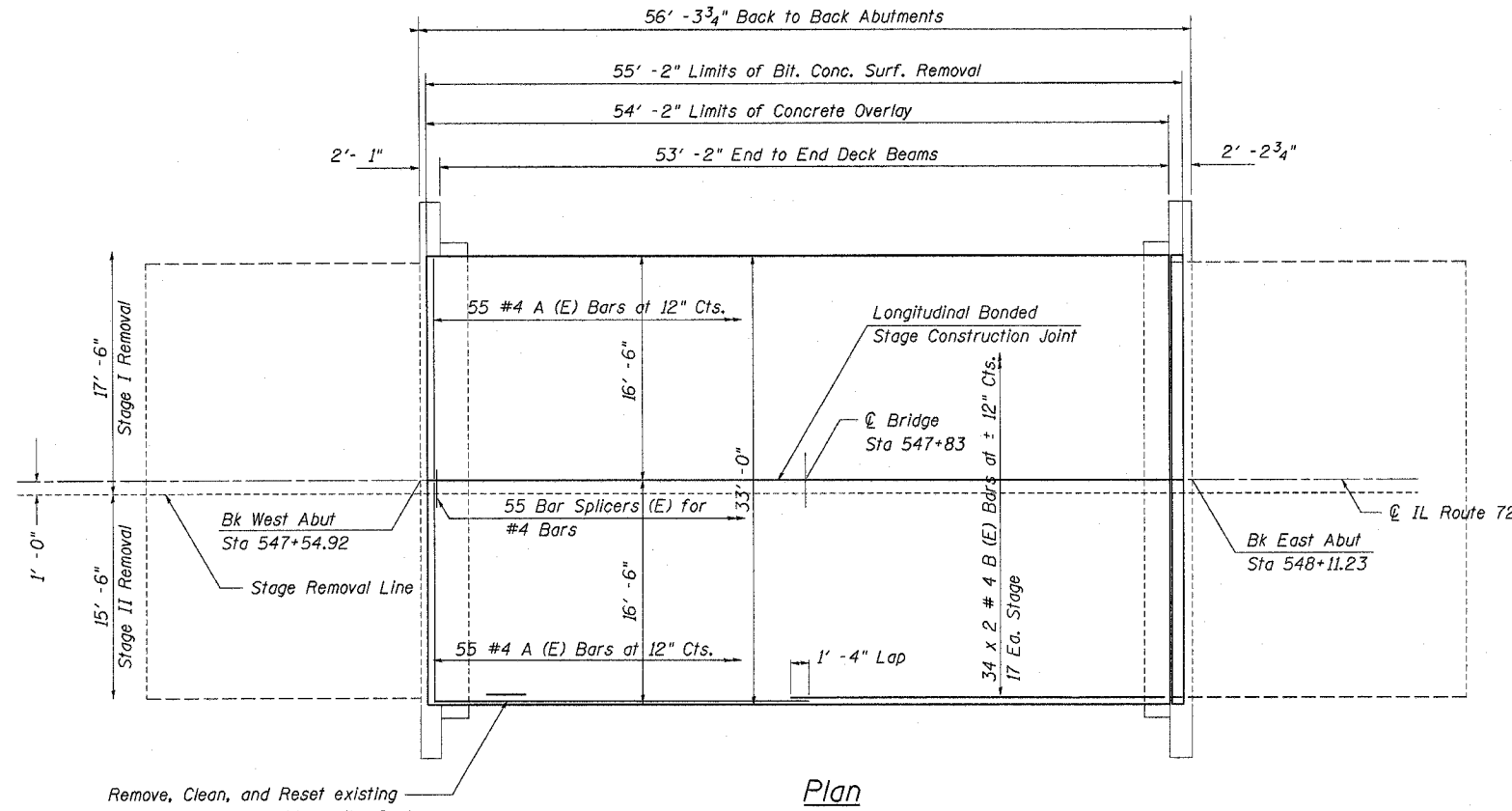
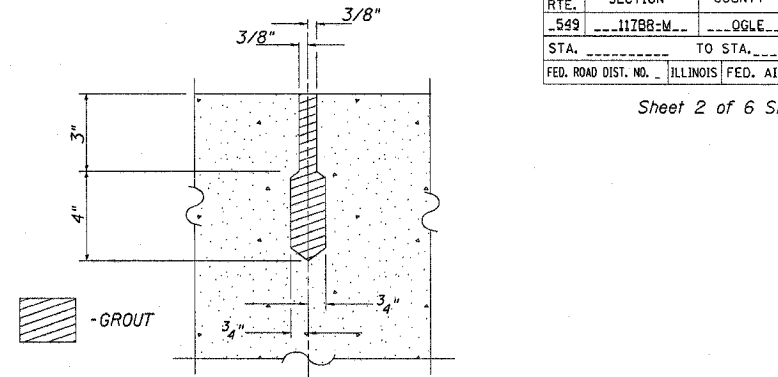


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117BR-M	OGLE	12	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

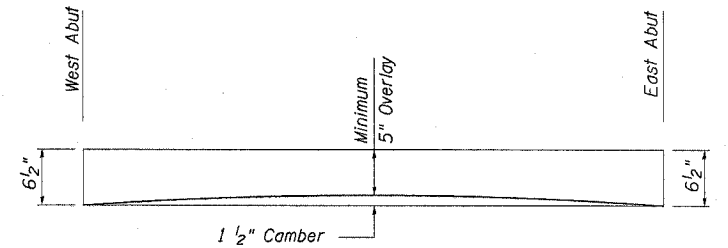


Plan

Remove, Clean, and Reset existing nameplate on new bridge rail. Cost Included with Steel Bridge Rail, Type SM (Modified)



DETAIL "A"
Showing Cross Section of Keyway



Grade Profile

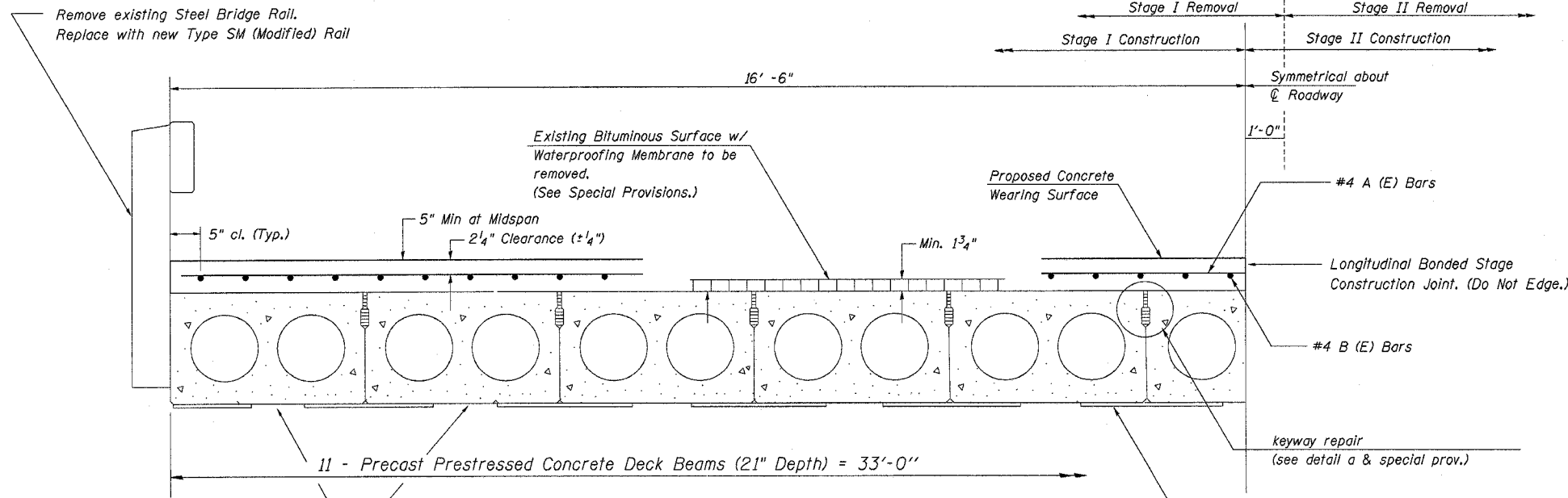
Bill of Material

BAR	NO.	SIZE	LENGTH	SHAPE
A (E)	110	4	16' - 2"	—
A ₁ (E)	6	5	16' - 2"	—
B (E)	68	4	27' - 9"	—
H (E)	12	6	16' - 2"	—
U (E)	34	5	4' - 8"	—

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
POLYMER CONCRETE	CU FT	2.4

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED. BARS INDICATED THUS 34X3-#4 BARS INDICATES 34 LINES OF BARS WITH 3 LENGTHS PER LINE.

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



HALF CROSS SECTION
(Looking East)

Fill openings surrounding fabric bearing pads west abutment with epoxy grout. To be paid for as bearing pad adjustment. (See special provisions)

The contractor shall install 1/8" x 9" x 9" stainless steel shims at bearing pads, where required on east abutment. To be paid for as bearing pad adjustment. (See special provisions.)

note: The quantity given for keyway repair includes the full length of all keyways. The actual keyway repair locations shall be determined by the engineer after removal of the existing wearing surface.

PLOT DATE = Wed Mar 22 09:14:23 2006
 FILE NAME = D:\p\volens\ogile\County\0710068\0710068.dgn
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 USER NAME = jmkdy