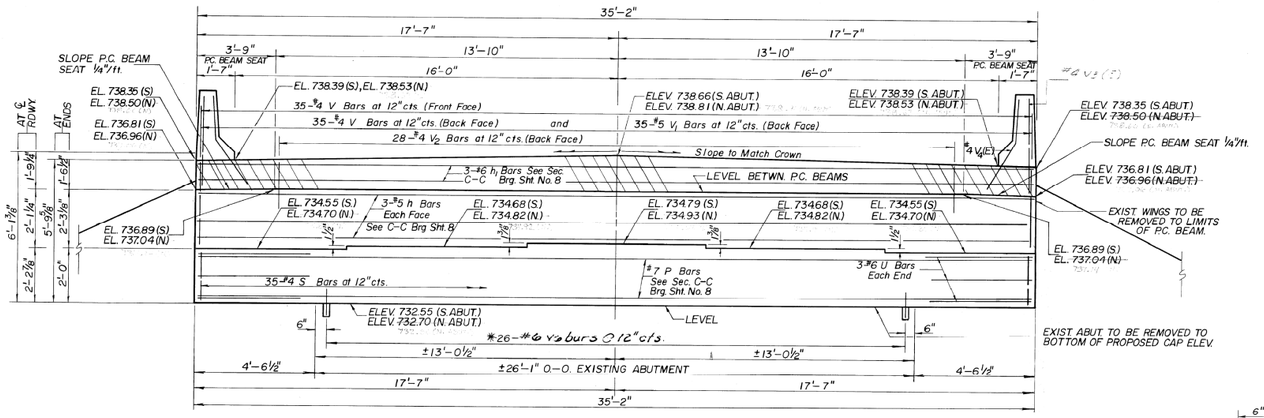
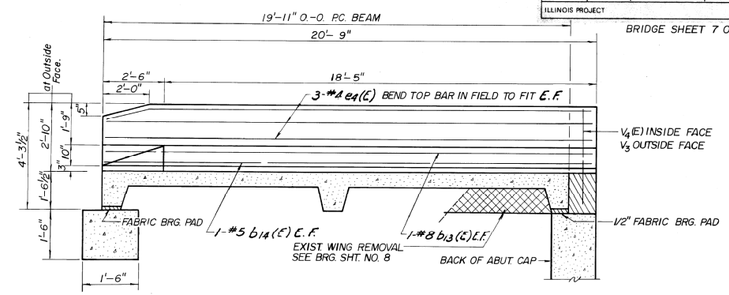
EXISTING ABUTMENT DETAILS
S.N. 057–0110
(FOR INFORMATION ONLY)

F.A.S. ROUTE NO	SEC	COUNTY	TOTAL SHEETS	SHEET NO
2484	126 BR	MC LEAN	18	12
ILLINOIS PROJECT				

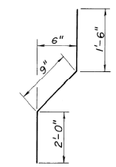
BRIDGE SHEET 7 OF 18



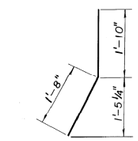
ELEVATION



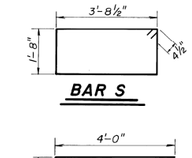
SEC. B–B



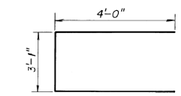
BAR V1



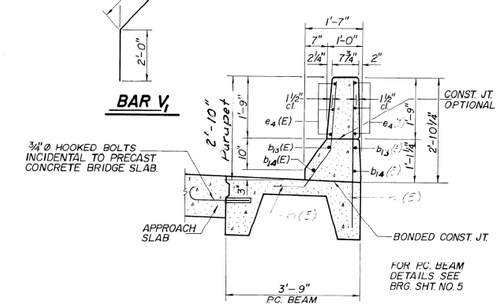
BAR V4 (E)



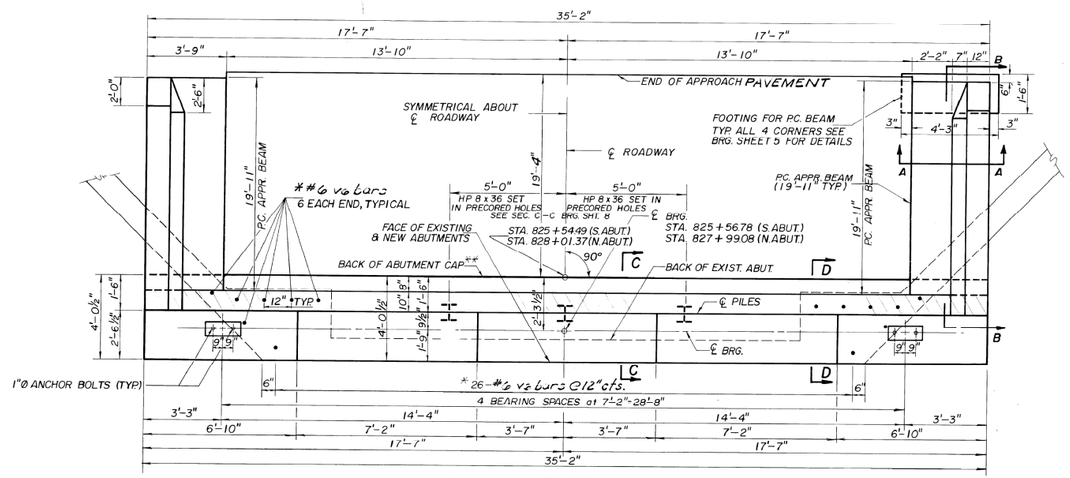
BAR S



BAR U3

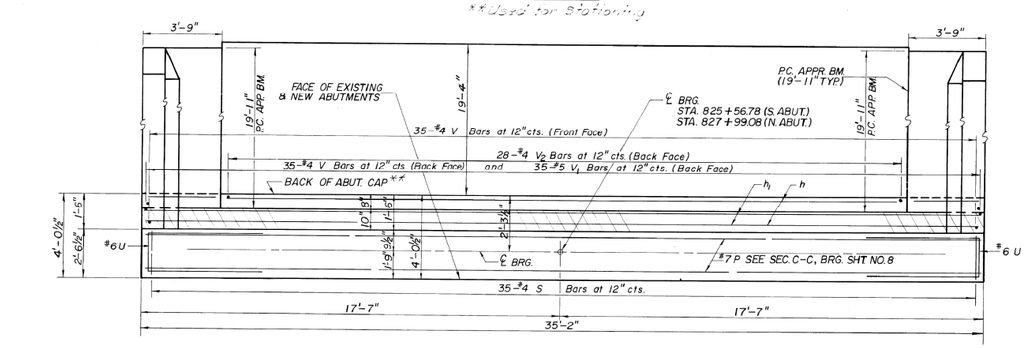


SEC. A–A



PLAN

**Used for stationing



PLAN
(SHOWING REINFORCEMENT)

NOTES

SPACE REINFORCEMENT IN CAP TO MISS ANCHOR BOLTS.

POUR STEPS MONOLITHICALLY WITH CAP.

HATCHED AREAS TO BE POURED AFTER SUPERSTRUCTURE FORMS HAVE BEEN REMOVED. CLASS X CONCRETE BILLED WITH SUPERSTRUCTURE.

ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER EXCEPT AS NOTED.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXISTING REINFORCEMENT EXTENDING INTO REMOVED AREA SHALL BE CLEANED AND INCORPORATED INTO THE NEW CONSTRUCTION.

CROSS HATCHED AREAS INDICATE CONCRETE REMOVAL.

FOR SECTIONS C-C AND D-D SEE BRG. SHT. NO. 8

*Drill 1" x 10" holes filled with epoxy grout behind diaphragm at V3 bars. See Epoxy Grout Note for epoxy grout.

Bars designated (E) shall be epoxy coated.

BILL OF MATERIAL 2 ABUTMENTS

BAR	NO.	SIZE	LENGTH	SHAPE
b13(E)	8	#8	20'-6"	
b14(E)	8	#5	20'-6"	
e4(E)	24	#4	20'-6"	
h	12	#5	34'-10"	
h1	6	#6	34'-10"	
S	70	#4	11'-6"	
P	20	#7	34'-10"	
U	12	#6	11'-1"	
V	140	#4	3'-6"	
V1	70	#5	4'-6"	
V2	56	#4	2'-6"	
V3(E)	4	#4	4'-0"	
V4(E)	4	#4	3'-6"	
V5(E)	70	#5	2'-6"	
CLASS X CONCRETE			CU. YD.	41.7
REINFORCEMENT BARS			POUNDS	3640
REINFORCEMENT BARS (EPOXY COATED)			POUNDS	1240
CONCRETE REMOVAL			CU. YD.	24.8
EPOXY CRACK SEALING			LIN. FT.	27
STEEL PILES HP 8 x 36			LIN. FT.	75

ABUTMENTS
F.A.S. ROUTE 2484
SECTION 126 BR
MC LEAN COUNTY
STATION 826+78

SHEET 8 OF 8

FILE NAME = c:\pw_work\PWIDOT\COOMBESSF\dms87296\70510_bridge_repair-sht.dgn	USER NAME = coombessf	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING ABUTMENT DETAILS S.N. 057–0110	F.A.S. RTE. 2484	SECTION (125,126,127)RS-2	COUNTY MCLEAN	TOTAL SHEETS 122	SHEET NO. 46
		DRAWN - RTC	REVISED -					CONTRACT NO. 70510		
	PLOT SCALE = 40.0001 ' / IN.	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/13/2010	DATE -	REVISED -		SCALE: SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.			