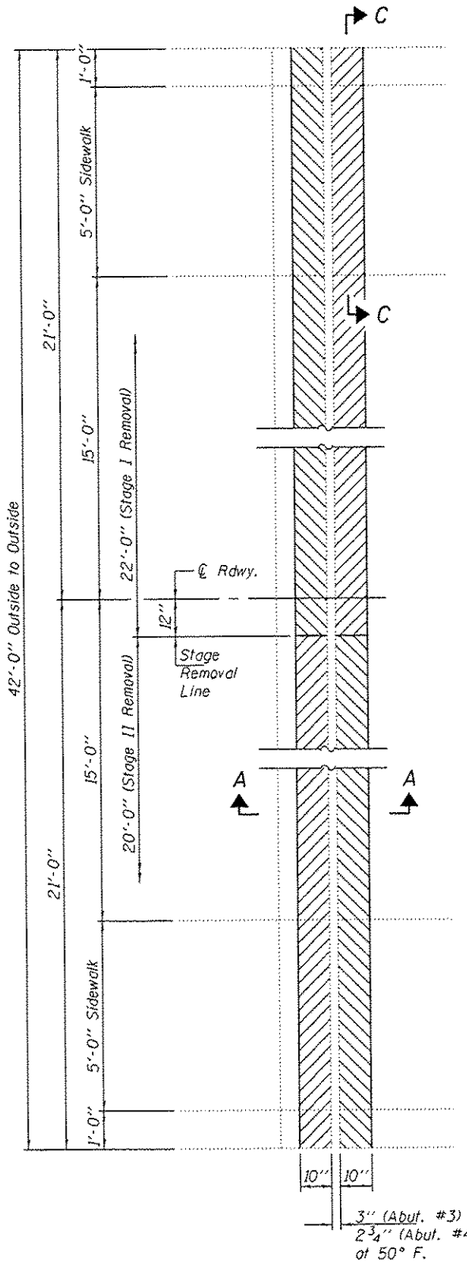
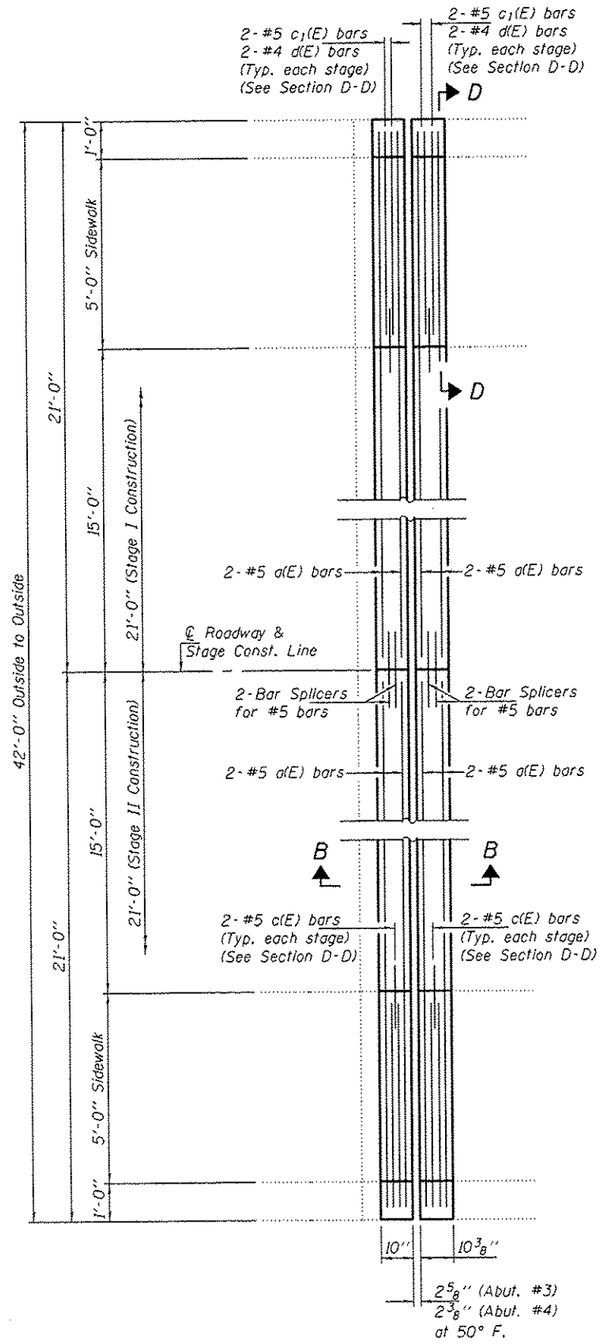


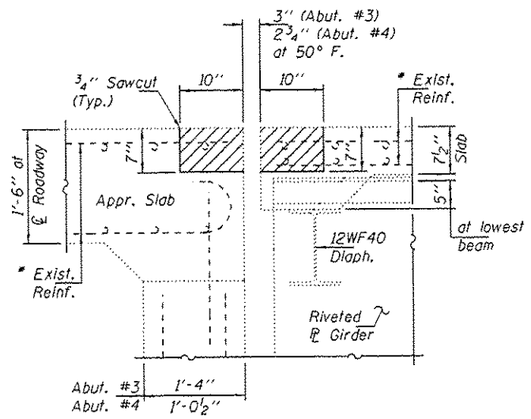
REMOVAL PLAN

Abutment #3 shown. Abutment #4 similar by 180° rotation except as noted.

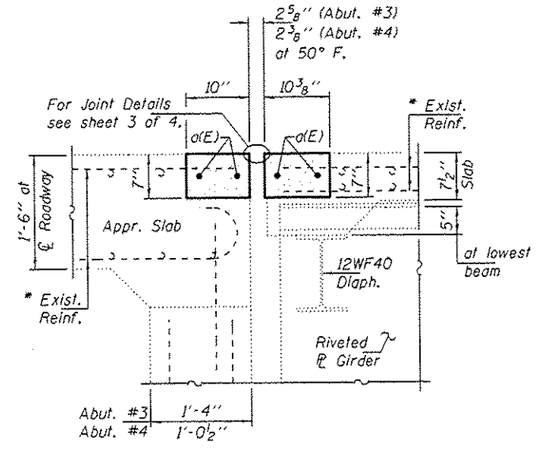


REPLACEMENT PLAN

Abutment #3 shown. Abutment #4 similar by 180° rotation except as noted.

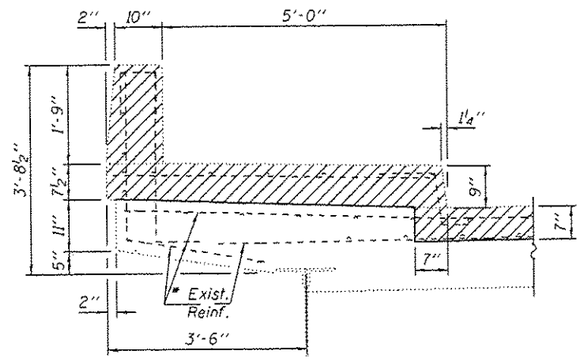


SECTION A-A



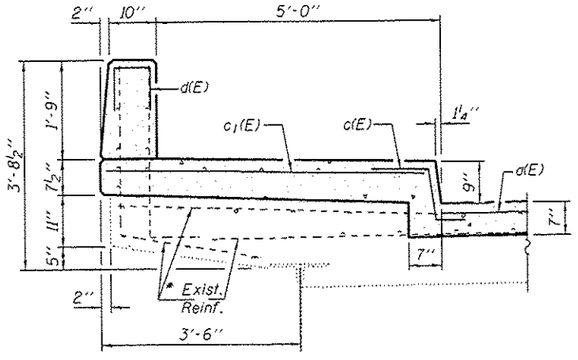
SECTION B-B

* 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.



SECTION C-C

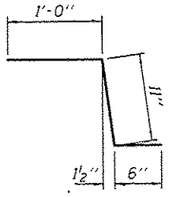
(Guardrail not shown for clarity)
Deck side shown. Approach side removal details similar.



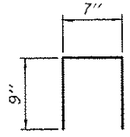
SECTION D-D

(Guardrail not shown for clarity)
Deck side shown. Approach side replacement details similar.

Note:
Hatched areas indicate Concrete Removal.



BAR c(E)



BAR d(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	16	#5	14'-10"	
c(E)	16	#5	2'-5"	
c1(E)	16	#5	5'-7"	
d(E)	16	#4	2'-1"	
Concrete Removal			Cu. Yd.	3.7
Concrete Superstructure			Cu. Yd.	3.7
Bar Splicers			Each	8
Reinforcement Bars, Epoxy Coated			Pound	400

DESIGNED	TLC
CHECKED	SMR
DRAWN	Kyle M. Staffan
CHECKED	TLC SMR

EXAMINED — ACTING ENGINEER OF STRUCTURAL SERVICES — DATE - APRIL 23, 2014

PASSED — ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REMOVAL & REPLACEMENT DETAILS
SN 098-0052
SHEET NO. 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5571	02 BRIDGE REPAIRS 2014-2	WHITESIDE	33	19
		CONTRACT NO. 64J92		
	ILLINOIS FED. AID PROJECT			