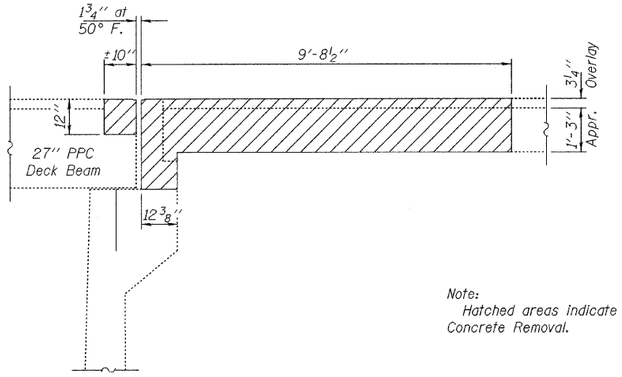
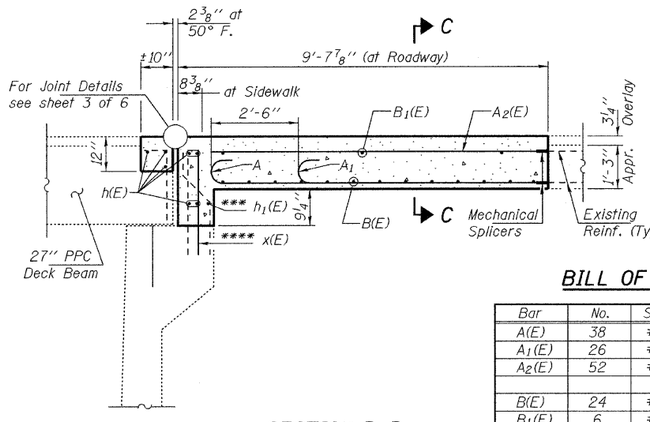
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Note:
Hatched areas indicate Concrete Removal.

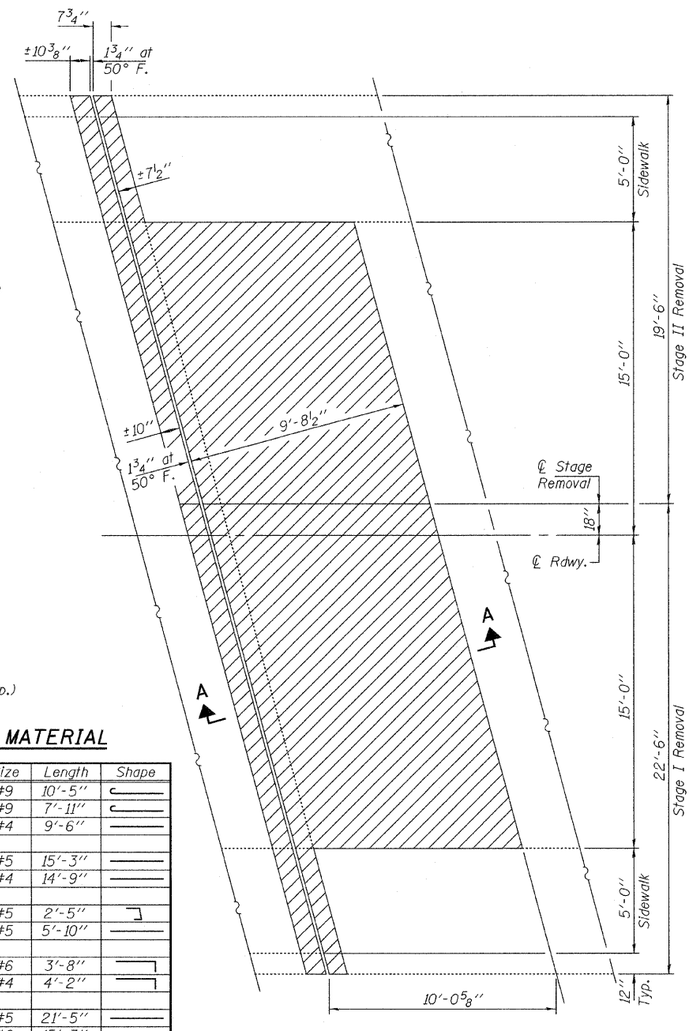
SECTION A-A
Dims. at Rt. L



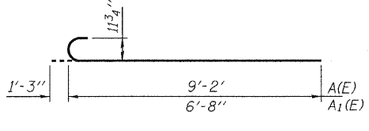
SECTION B-B
Dims. at Rt. L
(See sheet 3 of 4 for Section C-C)

BILL OF MATERIAL

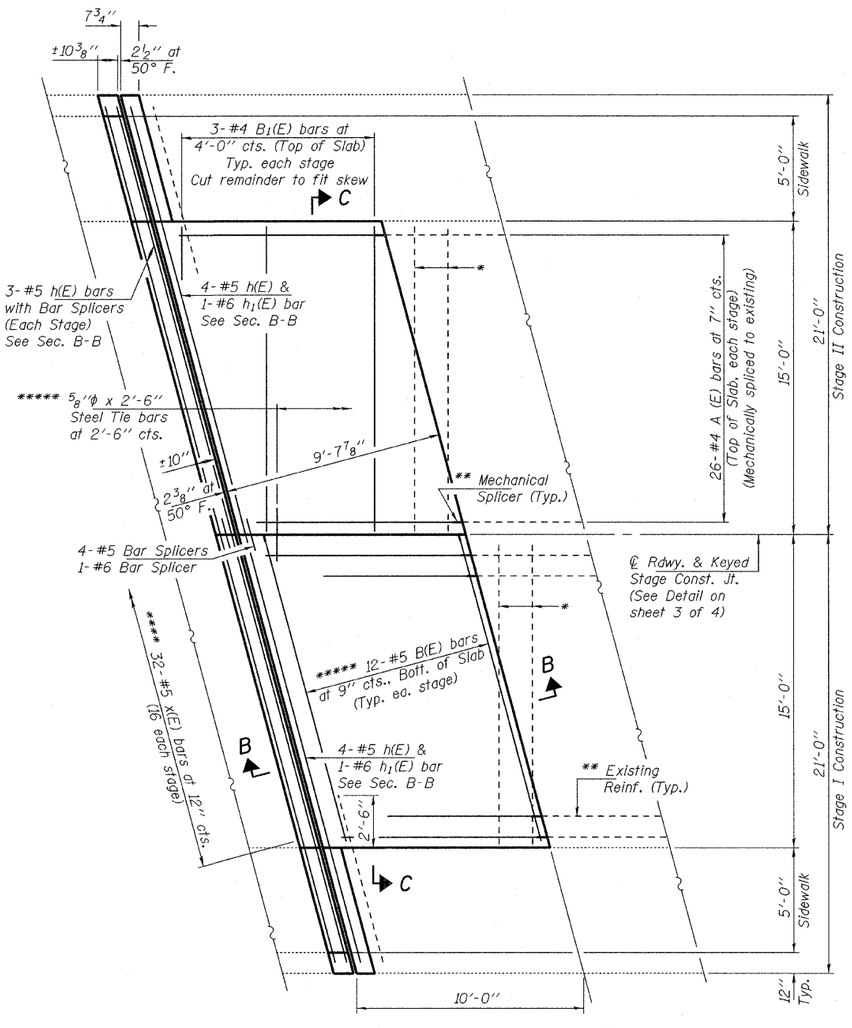
Bar	No.	Size	Length	Shape
A(E)	38	#9	10'-5"	
A_1(E)	26	#9	7'-11"	
A_2(E)	52	#4	9'-6"	
B(E)	24	#5	15'-3"	
B_1(E)	6	#4	14'-9"	
C(E)	4	#5	2'-5"	
C_1(E)	4	#5	5'-10"	
D_1(E)	4	#6	3'-8"	
D_2(E)	4	#4	4'-2"	
h(E)	14	#5	21'-5"	
h_1(E)	2	#6	15'-3"	
h_2(E)	8	#5	5'-10"	
x(E)	42	#5	3'-0"	
Concrete Removal			Cu. Yd.	20.6
Concrete Superstructure			Cu. Yd.	20.4
Reinforcement Bars, Epoxy Coated			Pound	3390



CONCRETE REMOVAL PLAN
Remove Concrete on Approach Sidewalk to Existing Joint (±7½")



BARS A(E) & A_1(E)



CONCRETE REPLACEMENT PLAN
(See Section C-C on sheet 3 of 4 for Reinforcement details not shown)

***** Cost included with Reinforcement Bars, Epoxy Coated

* Existing top reinforcement extending into removal area shall be cleaned, straightened and incorporated into new construction.

** Reinforcement shall extend 6" past edge of concrete removal to allow installation of mechanical splicer.

*** Cut existing rebar from sidewalk area 2'-6" from removal line.

**** Epoxy grout x(E) bars 9" min. into abutment cap.

DESIGNED	ATH
CHECKED	IJL
DRAWN	Kyle M. Steffen
CHECKED	ATH IJL

FEBRUARY 16, 2010
EXAMINED — ENGINEER OF STRUCTURAL SERVICES
PASSED — ENGINEER OF BRIDGES AND STRUCTURES

REPAIR DETAILS
U.S. ROUTE 6 OVER GENESEO CREEK
SN 037-0133

SHEET NO. 2	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	5671	(4B-1)R-M	HENRY	13	7
			CONTRACT NO. 64F97		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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