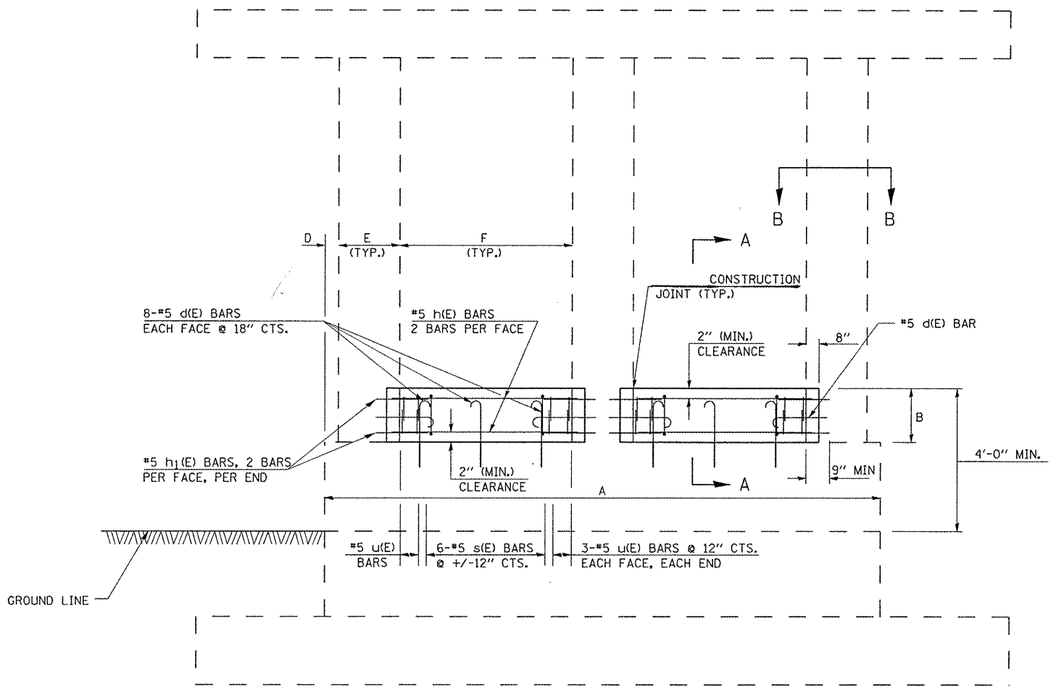
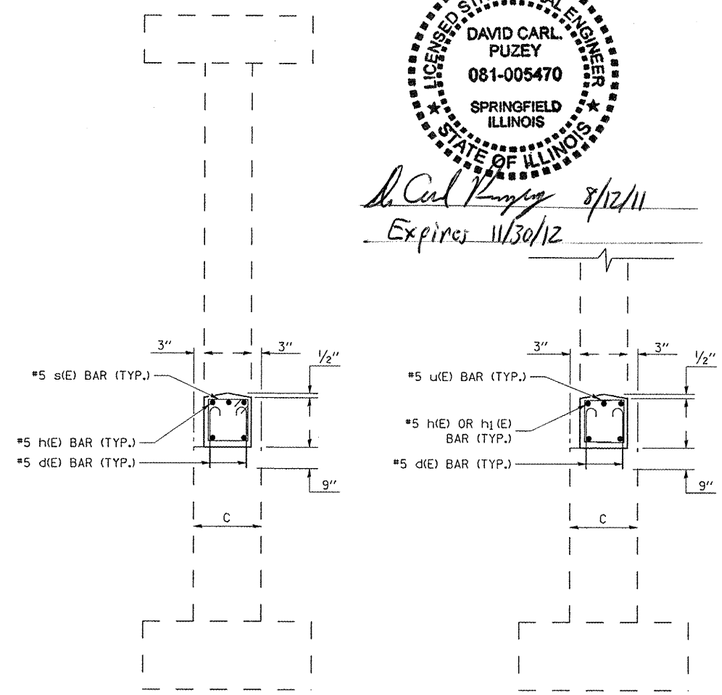
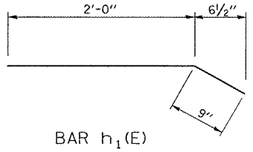


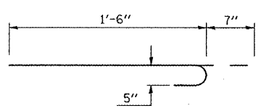


SECTION A-A

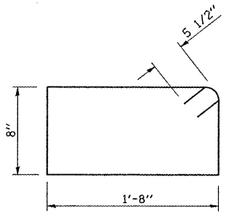
SECTION C-C
@ TAPER



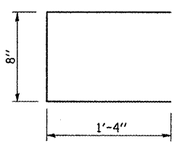
BAR h_1(E)



BAR d(E)



BAR s(E)



BAR u(E)

DIMENSION TABLE

STRUCTURE	LOCATION	A	B	C	D	E	F
010-0185	MEDIAN	28'-6"	1'-0"	2'-6"	0'-3"	2'-0"	11'-0"

BAR TABLE

BAR	QTY.	SIZE	LENGTH	SHAPE
d(E)	36	#5	2'-1"	
h(E)	10	#5	10'-8"	
h_1(E)	16	#5	2'-9"	
s(E)	12	#5	5'-7"	
u(E)	24	#5	3'-4"	

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU. YD.	2.0
REINFORCEMENT BARS, EPOXY COATED	LB.	390

GENERAL NOTES

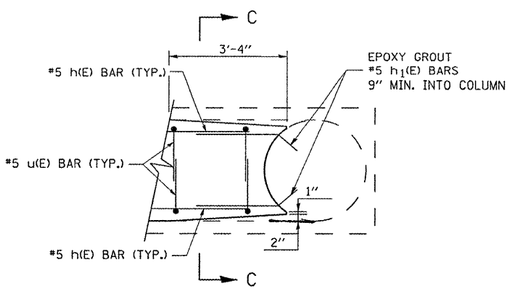
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM 706 GR 60. SEE SPECIAL PROVISIONS.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION 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 FOR THE WORK.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.



SECTION B-B

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD ILLINOIS
STATE OF ILLINOIS

D. Carl Puzey 8/12/11
Expires 11/30/12

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRASHWALL DETAIL SN 010-0185

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(10-34, 10-35)RS-2(SB)	CHAMPAIGN	66	48
		CONTRACT NO. 70923		
	ILLINOIS FED. AID PROJECT			