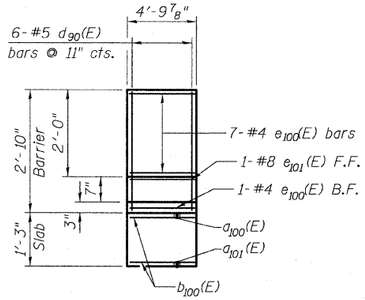
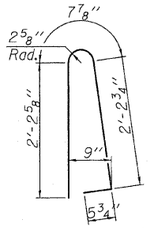
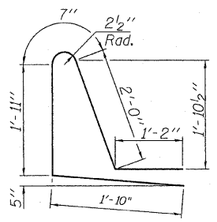
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



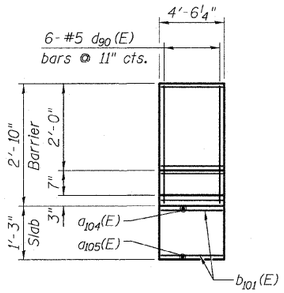
INSIDE ELEVATION OF NORTH BARRIER



BAR d_{B0}(E)



BAR d_{B7}(E)

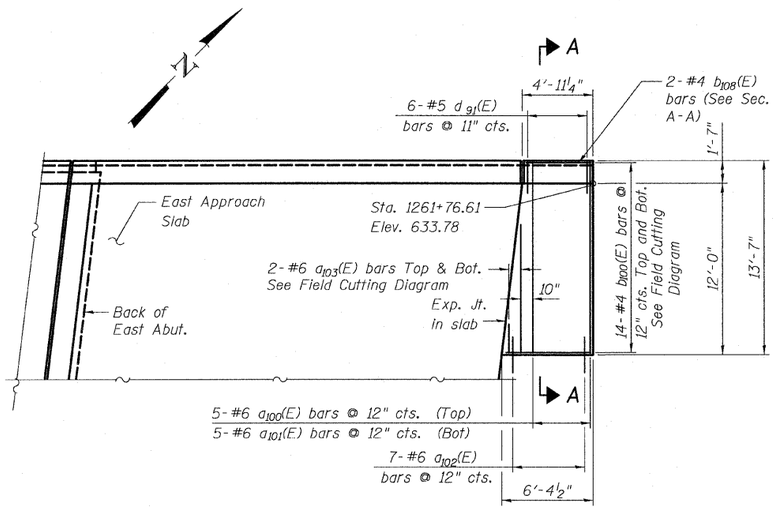


INSIDE ELEVATION OF SOUTH BARRIER

(See Sheet 36 of 62 for additional details)

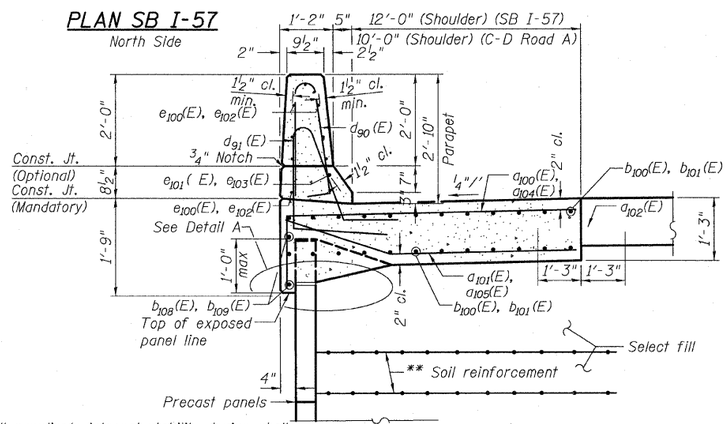
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_{100}(E)	5	#6	14'-8"	
a_{101}(E)	5	#6	13'-3"	
a_{102}(E)	11	#6	2'-6"	
a_{103}(E)	4	#6	10'-11"	
a_{104}(E)	4	#6	12'-8"	
a_{105}(E)	4	#6	11'-3"	
a_{106}(E)	2	#6	9'-3"	
a_{110}(E)	2	#6	8'-0"	
b_{100}(E)	28	#4	10'-9"	
b_{101}(E)	24	#4	7'-6"	
b_{108}(E)	2	#4	4'-7"	
b_{109}(E)	2	#4	4'-3"	
d_{80}(E)	12	#5	5'-7"	
d_{87}(E)	12	#5	7'-6"	
e_{100}(E)	8	#4	4'-5"	
e_{101}(E)	1	#8	4'-5"	
e_{102}(E)	8	#4	4'-3"	
e_{103}(E)	1	#8	4'-3"	
Concrete Superstructure			Cu. Yds.	7.2
Reinforced Bars, Epoxy Coated			Pound	1,080



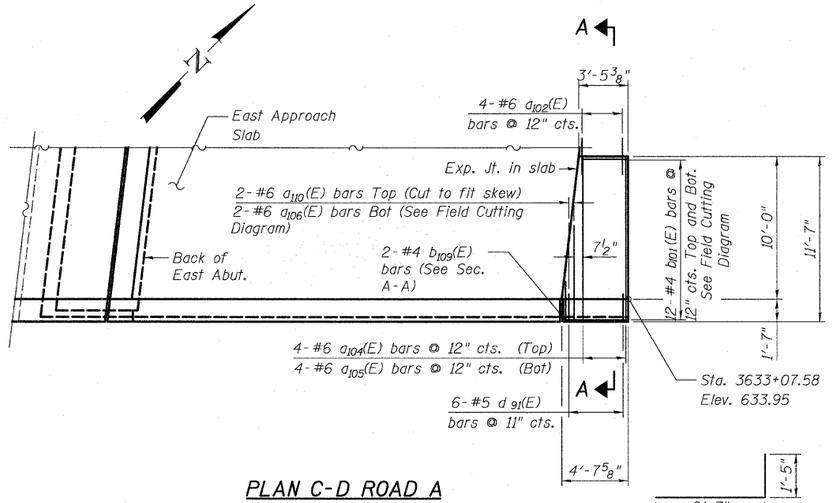
PLAN SB I-57

North Side



SECTION A-A

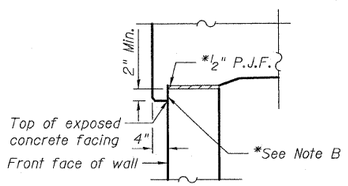
** The M.S.E. wall supplier's internal stability design shall account for the anchorage slab's bearing pressure surcharge of 1.0 ksf and horizontal sliding force of 0.5 kips/ft. of wall.



PLAN C-D ROAD A

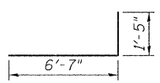
South Side

*Cost included with Concrete Superstructure.

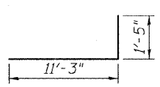


DETAIL A

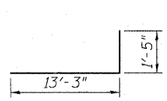
Note B:
*Bond breaker membrane on top and front of fascia wall.



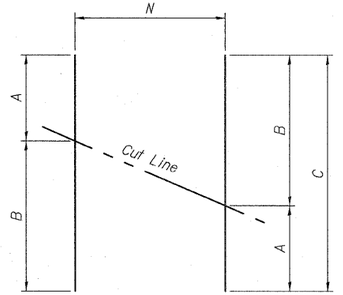
BAR a_{110} (E)



BAR a_{104} (E)



BAR a_{100} (E)



FIELD CUTTING DIAGRAM

Bar	N	A	B	C
a_{103}(E)	2	2'-0"	8'-11"	10'-11"
a_{106}(E)	1	2'-8"	6'-7"	9'-3"
b_{100}(E)	14	4'-8"	6'-1"	10'-9"
b_{101}(E)	12	3'-2"	4'-4"	7'-6"

Order bars full length. Cut as shown and use remainder of bars in opposite face

EAST ANCHORAGE SLAB DETAILS
S.N. 016-1252

TY·LIN INTERNATIONAL

		REVISIONS	
DESIGNED	DY	NAME	DATE
CHECKED	AD,LS		
DRAWN	DY,EI		
CHECKED	LS,SP,PDF		
DATE	03/18/10		

SHEET NO. 35
62 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1414.2B	COOK	516	348
		CONTRACT NO. 60J27		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

P:\60254057-294\STRUCTURAL\I-57 OVER RAMP B\final submittal 03-17-2010\final submittal 03172010\016125I-60J27-035-E ANCH SLAB.dgn
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