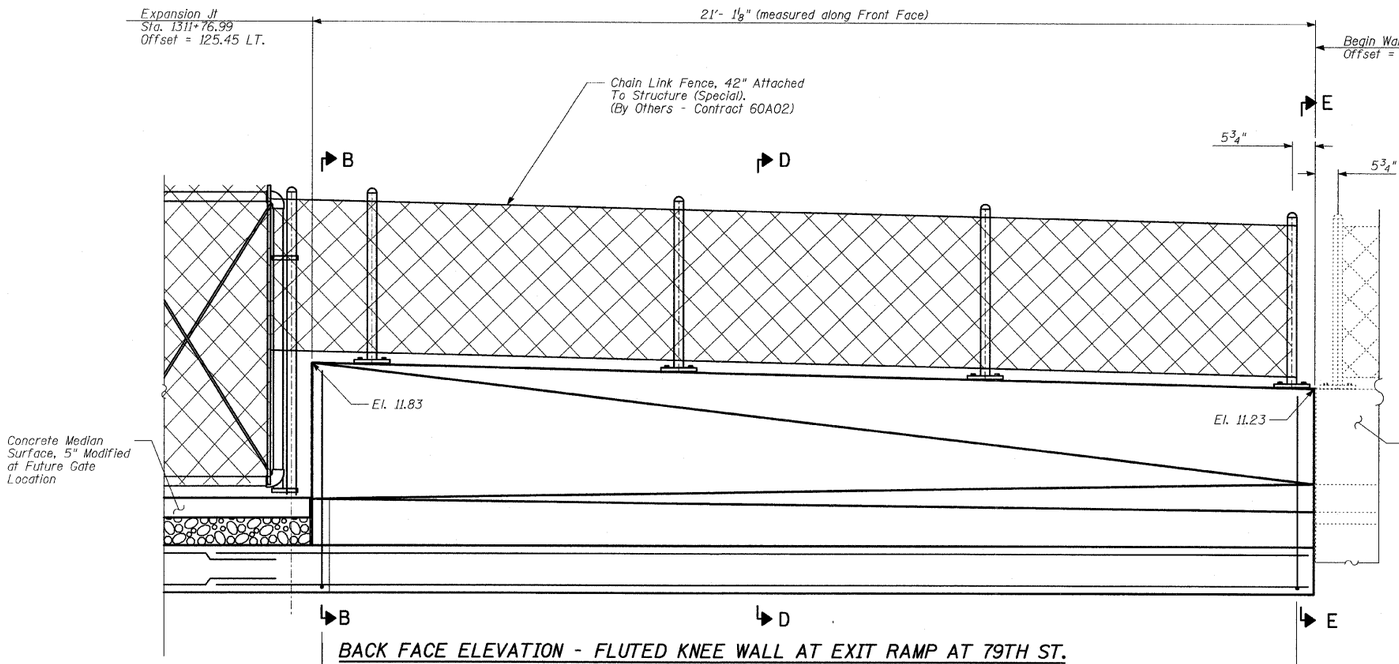
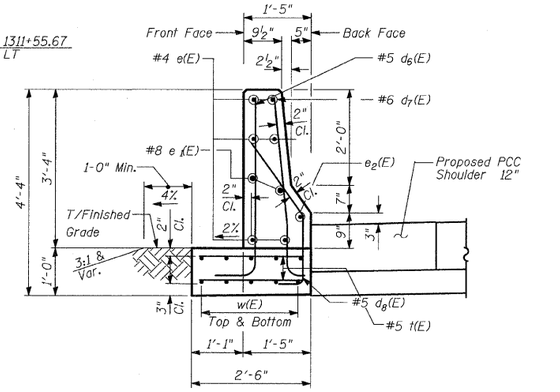
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-070 LS	COOK	65	48
STA. 2308+17 (NB I-94) STA. 1308+46 (SB I-94)		TO STA. 2316+90 (NB I-94) STA. 1318+61 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

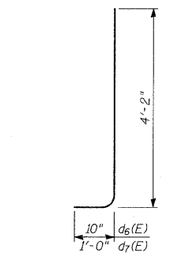
60A76



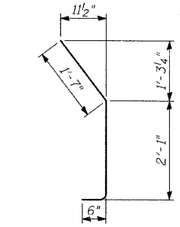
BACK FACE ELEVATION - FLUTED KNEE WALL AT EXIT RAMP AT 79TH ST.



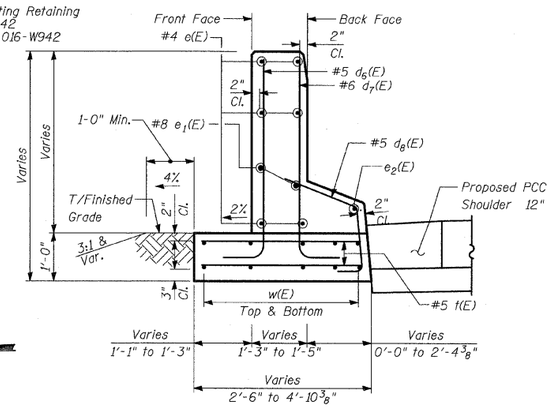
SECTION E-E



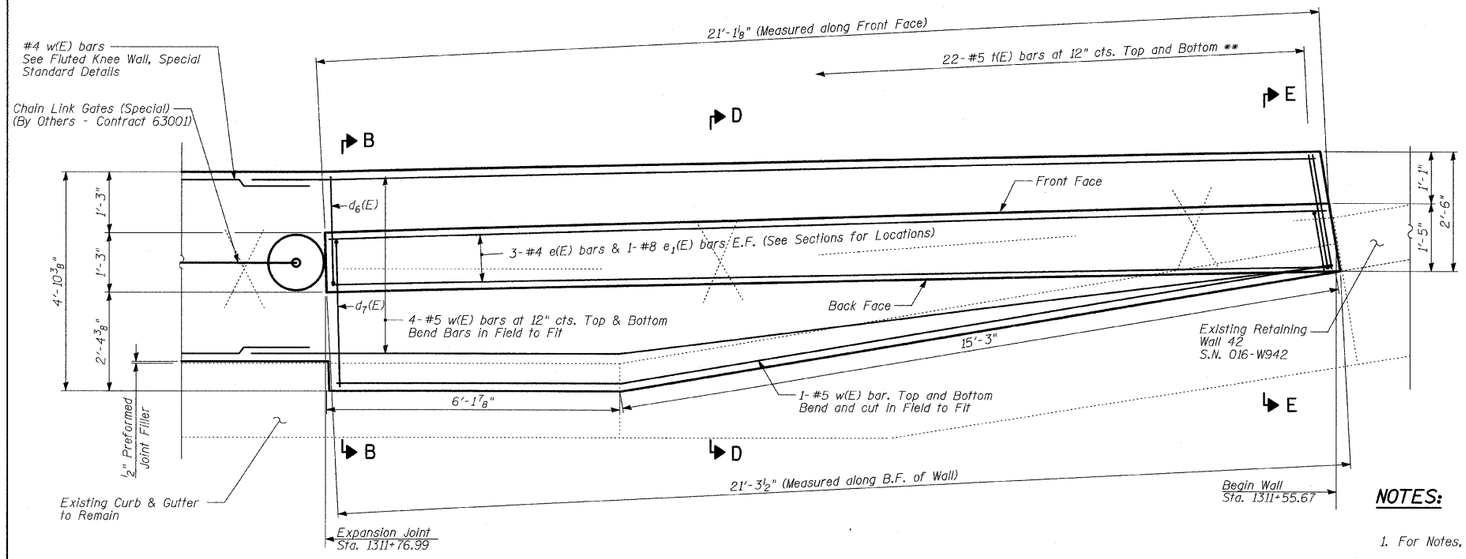
BARS $d_6(E)$ & $d_7(E)$



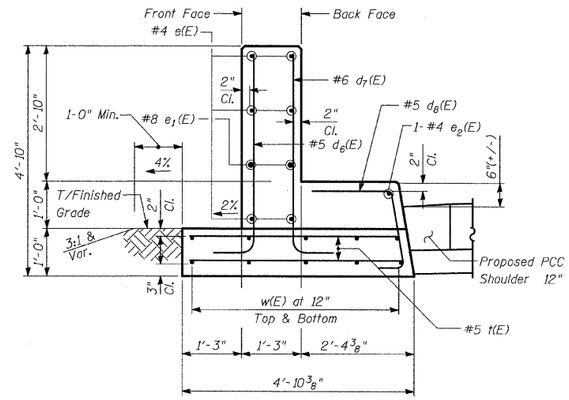
BAR $d_8(E)$



SECTION D-D



PLAN - FLUTED KNEE WALL AT EXIT RAMP AT 79TH ST.



SECTION B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$d_6(E)$	22	#5	5'-0"	L
$d_7(E)$	22	#6	5'-2"	L
$d_8(E)$	22	#5	4'-2"	⌋
e(E)	6	#4	20'-10"	——
$e_1(E)$	2	#8	20'-10"	——
$e_2(E)$	1	#4	21'-3"	——
t(E)	44	#5	4'-6"	——
w(E)	10	#5	23'-3"	——
Reinforcement Bars, Epoxy Coated		POUND	1040	
Structure Excavation		CU YD	13	
Concrete Structures		CU YD	8	
Protective Coat		SQ YD	25	

Reinforcement bars designated (E) shall be epoxy coated.

NOTES:

1. For Notes, See Fluted Knee Wall Standard Details (1 of 2) Sheet.

** Cut bars to fit in field.

REVISIONS NAME	DATE
REVISED	09/19/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
FLUTED KNEE WALL, TRANSITION
LAFAYETTE AVE. AT 79TH ST.
TRANSITION DETAILS
(2 OF 2)

S.N.
SCALE: N.T.S.
DATE: MAY 1, 2008
DESIGNED BY: MAF
DRAWN BY: MAF
CHECKED BY: MI

TY·LIN INTERNATIONAL

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