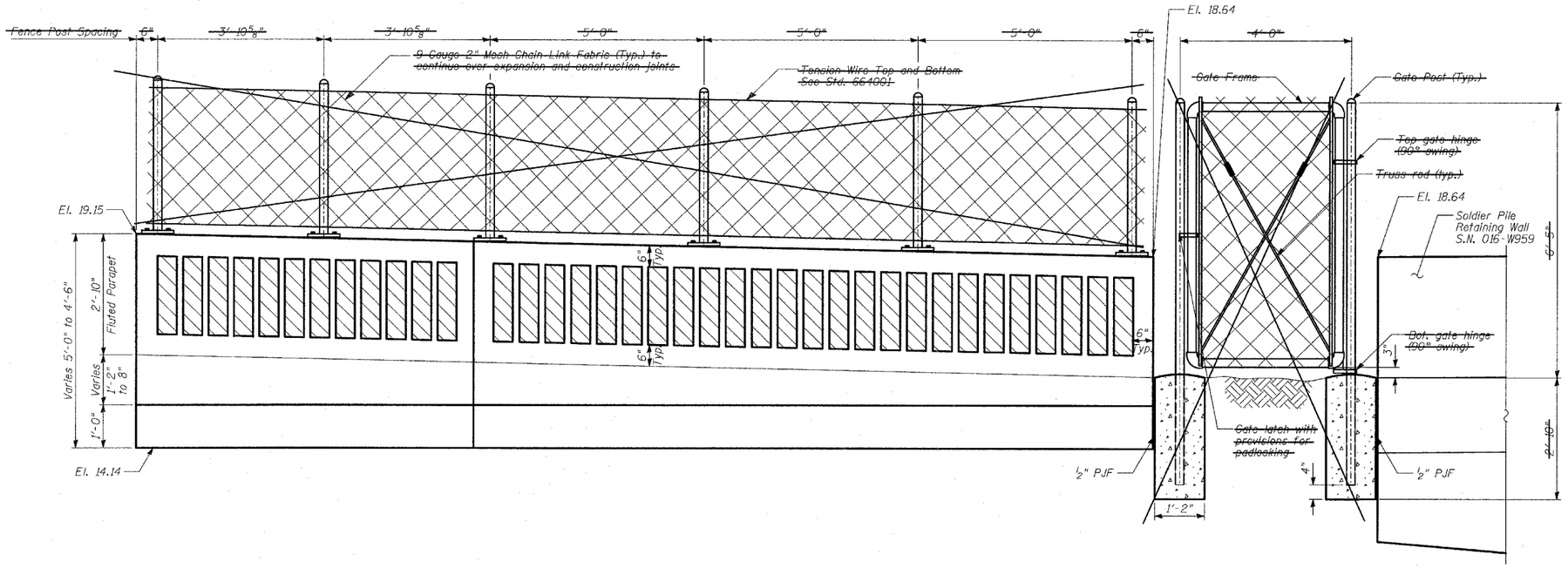
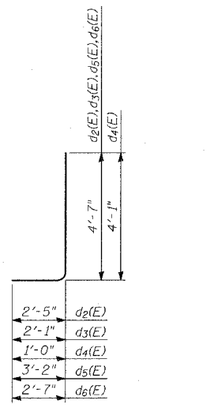
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	434
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695

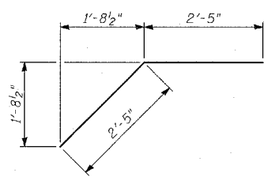


BACK FACE ELEVATION

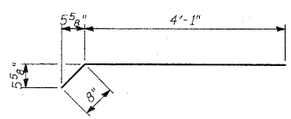
CHAIN LINK GATES (SPECIAL)



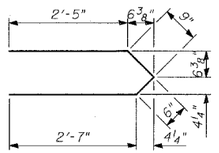
BARS $d_2(E)$, $d_3(E)$, $d_4(E)$, $d_5(E)$, and $d_6(E)$



BAR $e_3(E)$



BAR $e_4(E)$



BAR $e_6(E)$

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$d_2(E)$	19	#5	7'-0"	
$d_3(E)$	17	#6	6'-8"	
$d_4(E)$	2	#6	5'-1"	
$d_5(E)$	10	#5	7'-9"	
$d_6(E)$	10	#6	7'-2"	
$e_2(E)$	8	#4	15'-7"	
$e_3(E)$	4	#4	4'-10"	
$e_4(E)$	8	#4	4'-9"	
$e_5(E)$	8	#4	6'-11"	
$e_6(E)$	4	#4	6'-3"	
$f(E)$	2	#5	2'-5"	
$f_1(E)$	17	#5	3'-8"	
$f_2(E)$	4	#5	4'-0"	
$f_3(E)$	6	#5	4'-5"	
$w(E)$	10	#5	16'-2"	
$w_1(E)$	10	#5	9'-4"	
Reinforcement Bars, Epoxy Coated		POUND	1,070	
Structure Excavation		CU YD	16	
Concrete Structures		CU YD	8	
Protective Coat		SQ YD	19	
Rustication Finish		SQ FT	45	
~~Chain Link Gates (Special)~~		~~EACH~~	~~1~~	

Reinforcement bars designated (E) shall be epoxy coated.

NOTES:

1. Manual excavation shall be performed to limit disturbance to the existing CTA transformers and servicing conduit(s). Service to the CTA transformers shall not be interrupted.
2. For location of existing CTA transformer pad see Sheet 1 of 10.
3. Work this sheet with Sheet 4 of 10.

SHEET 5 OF 10

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG LAFAYETTE AVE.
AT 95TH ST.
WALL 33 - FLUTED KNEE WALL
DETAILS 2

S.N. 016-W959 — DESIGNED BY: MI, DJR
SCALE: — DRAWN BY: DJR, BK
DATE: MARCH 25, 2005 — CHECKED BY: TD, MI

TY·LIN INTERNATIONAL

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