

Date: 11/22/2004 Time: 09:28:25 AM

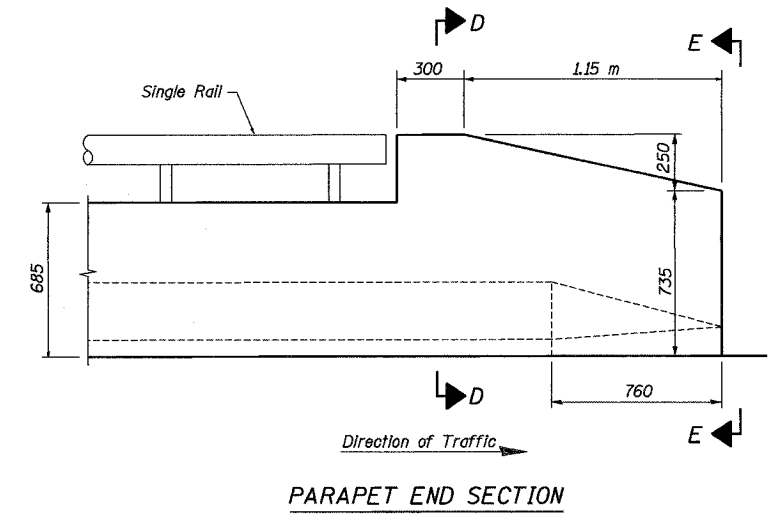
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ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	528	1260
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 68200				

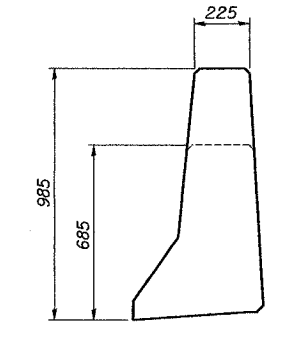
**BILL OF MATERIAL**

Bar	No.	Size	Length (m)	Shape
$d_2(E)$	22	#15	0.64	□
$d_{10}(E)$	6	#15	1.34	□
$e_{10}(E)$	2	#15	1.37	∕
$h_{30}(E)$	81	#15	9.15	—
$h_{31}(E)$	48	#15	8.75	—
$h_{32}(E)$	12	#20	8.83	—
$h_{33}(E)$	3	#15	9.42	—
$h_{34}(E)$	3	#15	11.14	—
$h_{35}(E)$	89	#15	8.37	—
$h_{36}(E)$	4	#25	8.37	—
$h_{37}(E)$	43	#15	1.05	—
$h_{38}(E)$	4	#25	1.05	—
$h_{39}(E)$	25	#15	2.15	—
$h_{40}(E)$	28	#15	2.5	—
$h_{41}(E)$	7	#15	1.90	—
$h_{42}(E)$	7	#15	2.40	—
$h_{43}(E)$	16	#15	1.25	∕
$h_{44}(E)$	16	#15	1.25	∕
$n_5(E)$	189	#30	3.24	—
$n_6(E)$	89	#15	1.86	—
$s_5(E)$	68	#15	2.11	□
$t_5(E)$	148	#25	3.90	—
$t_6(E)$	148	#20	3.90	—
$t_7(E)$	6	#20	6.00	—
$v_6(E)$	13	#15	2.6	—
$v_{20}(E)$	106	#30	4.61	—
$v_{21}(E)$	26	#15	4.61	—
$v_{22}(E)$	88	#15	3.65	∕
$v_{23}(E)$	84	#15	2.43	∕
$v_{24}(E)$	84	#15	2.51	∕
$v_{25}(E)$	84	#15	1.05	∕
$v_{26}(E)$	84	#15	0.6	∕
$v_{27}(E)$	34	#15	6.07	—
$v_{28}(E)$	45	#30	6.0	—
$v_{29}(E)$	29	#15	6.95	—
$v_{30}(E)$	38	#30	6.95	—
$v_{31}(E)$	37	#15	1.87	∕
$v_{32}(E)$	34	#15	1.94	∕
$v_{33}(E)$	31	#15	1.52	∕
$v_{34}(E)$	29	#15	1.52	∕
$w_5(E)$	84	#15	9.40	—
$w_6(E)$	28	#15	11.09	—
$w_7(E)$	26	#15	7.30	—
$w_8(E)$	2	#15	9.20	—
Structure Excavation	$m^3$		577	
Concrete Structures	$m^3$		409.9	
Reinforcement bars, Epoxy Coated	kg		21770	
Furnishing Steel Piles HP310x79	m		828	
Driving Steel Piles	m		828	
Test Pile Steel HP310x79	Each		1	

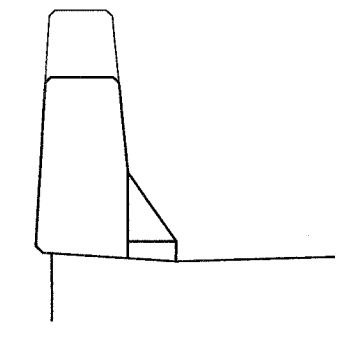
Notes:  
All dimensions are in millimeters (mm) except as noted.  
Reinforcement bars designated (E) shall be epoxy coated.



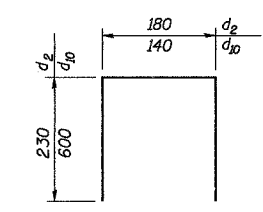
**PARAPET END SECTION**



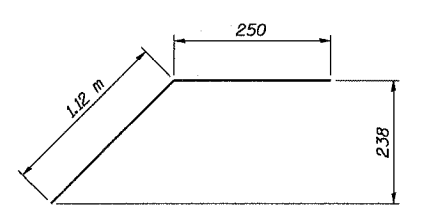
**SECTION D-D**



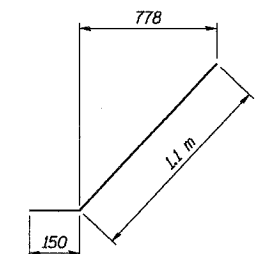
**VIEW E-E**



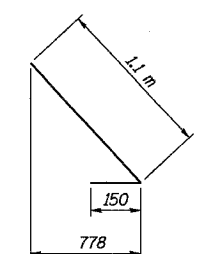
**BAR  $d_2(E)$  &  $d_{10}(E)$**



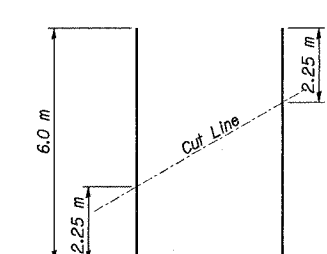
**BAR  $e_{10}(E)$**



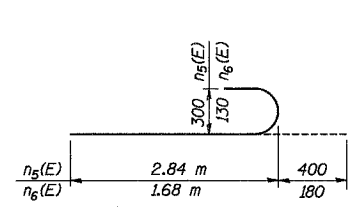
**BAR  $h_{43}(E)$**



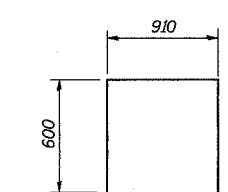
**BAR  $h_{44}(E)$**



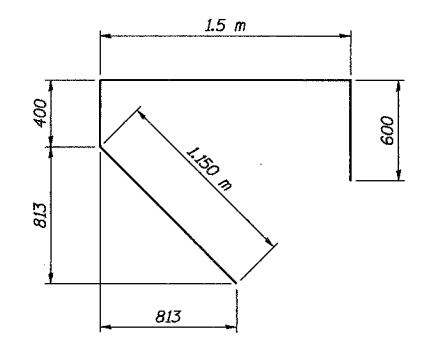
**FIELD CUTTING DIAGRAM**  
Order  $t_7(E)$  bars full length. Cut to fit and use remainder of bars in opposite face.



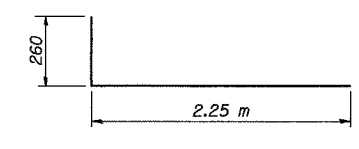
**BARS  $n_5(E)$  &  $n_6(E)$**



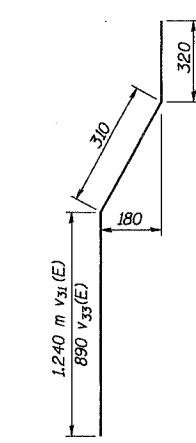
**BAR  $s_5(E)$**



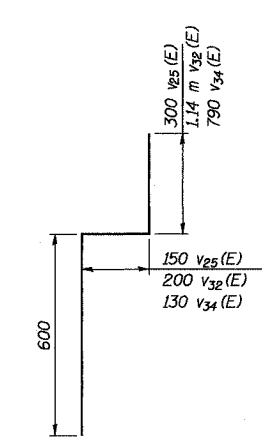
**BAR  $v_{22}(E)$**



**BAR  $v_{24}(E)$**



**BAR  $v_{31}(E)$  &  $v_{33}(E)$**



**BARS  $v_{25}(E)$ ,  $v_{32}(E)$  &  $v_{34}(E)$**

Designed by:	DL
Checked by:	AK
Drafted by:	JY
Checked by:	AK

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SOUTH ABUTMENT DETAILS IV		
RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STA. 10+618.61 (RAMP B-3) STA. 10+472.60 (RAMP B-5) STRUCTURE NUMBER 072-0190		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO.	SCALE	DATE
29	N.T.S.	2-21-03
SHEET NO.		29