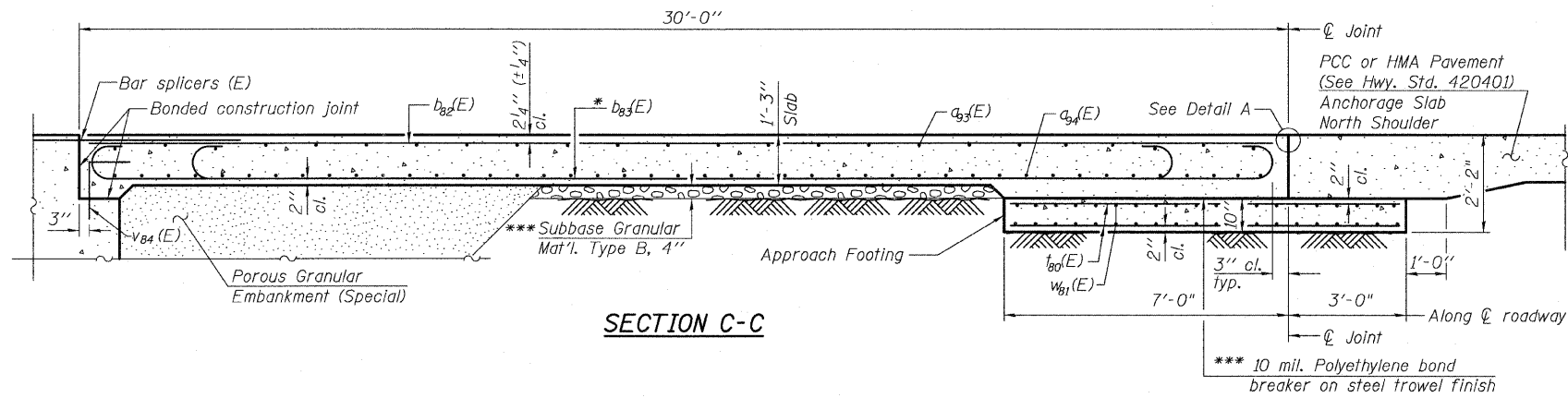
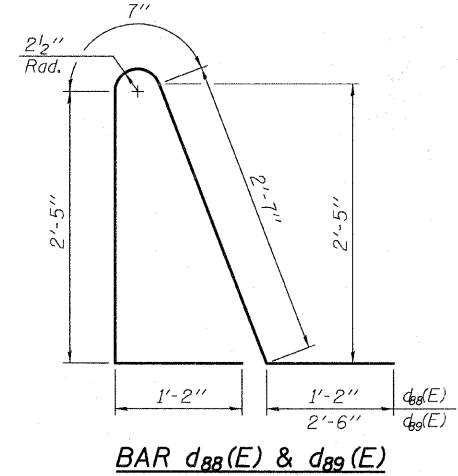
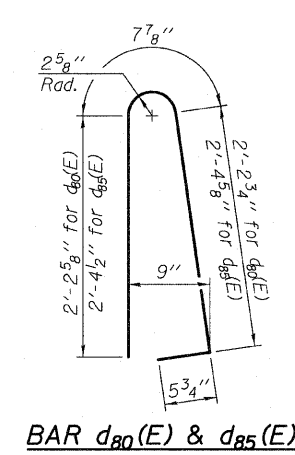
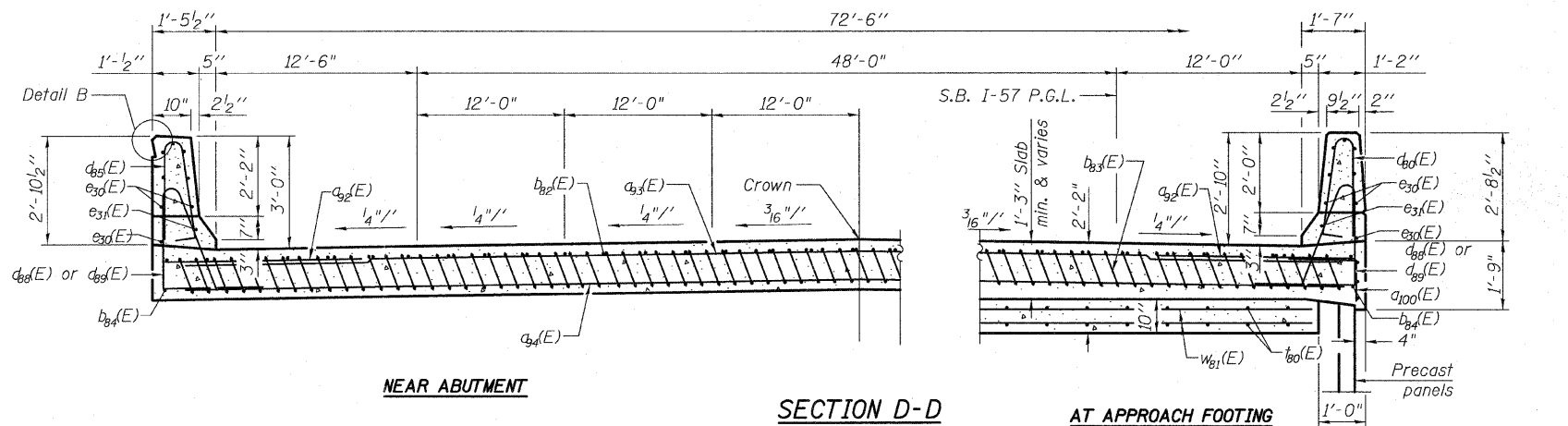


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Notes:
See sheet 32 of 62 for Detail A.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For $v_{84}(E)$ bar details, see sheet 50 of 62.
The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
For bar splicer details, see sheet 55 of 62.
Cost of excavation for approach footing included with Concrete Structures.

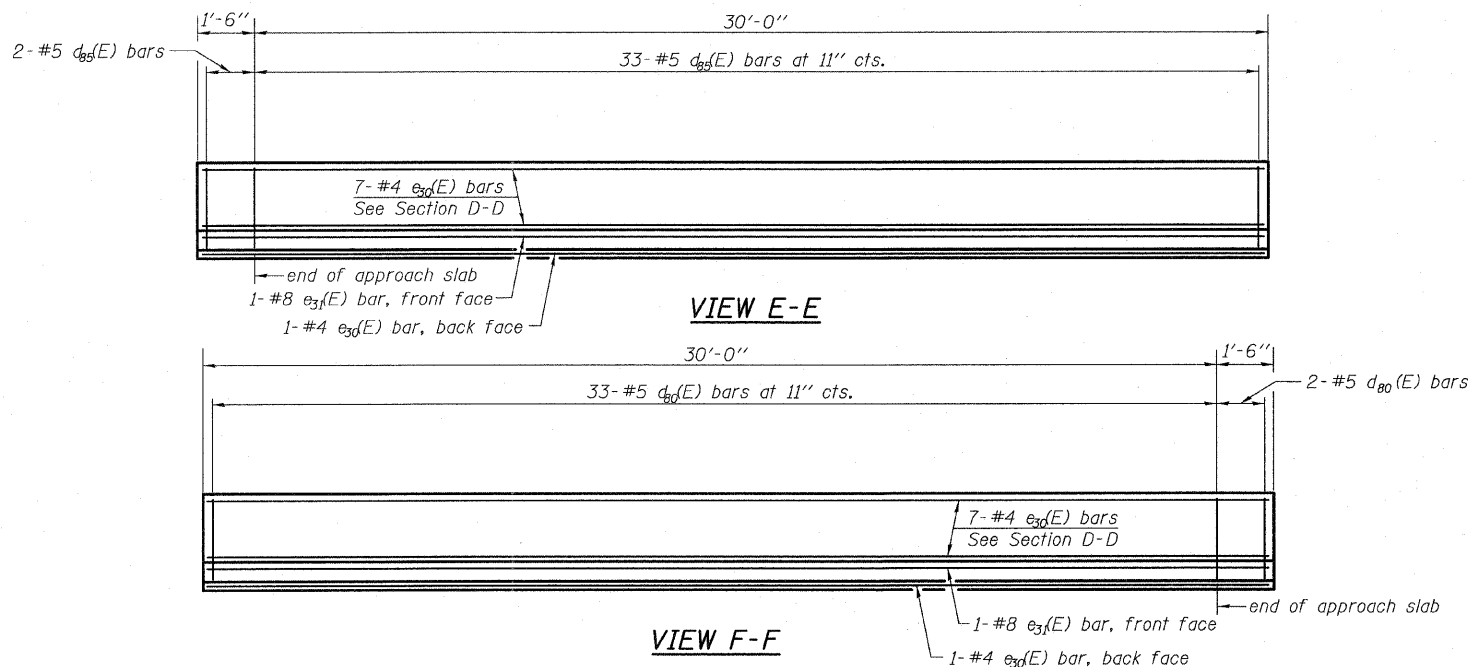
The quantity for Bridge Deck Grooving & Protective Coat for approach slab is included with the quantities on sheet 2 of 62.



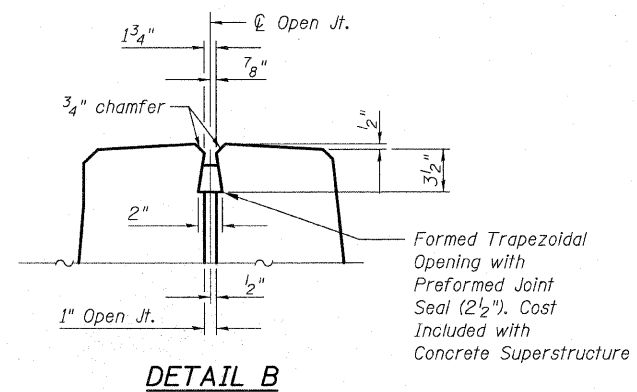
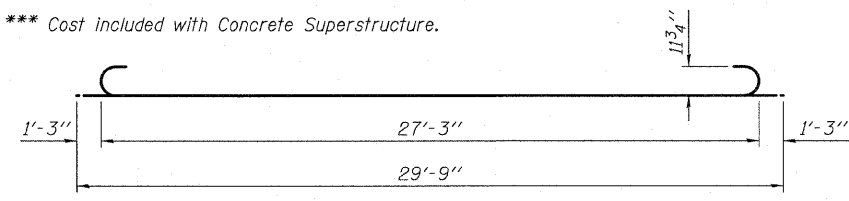
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_{93}(E)$	75	#4	27'-3"	—
$a_{94}(E)$	92	#5	39'-6"	—
$a_{92}(E)$	50	#6	6'-6"	—
$b_{82}(E)$	61	#4	29'-8"	—
$b_{83}(E)$	182	#9	29'-9"	—
$b_{84}(E)$	2	#4	31'-2"	—
$d_{80}(E)$	35	#5	5'-7"	U
$d_{85}(E)$	66	#5	7'-11"	U
$d_{89}(E)$	4	#5	9'-3"	U
$d_{83}(E)$	35	#5	5'-11"	U
$e_{3d}(E)$	16	#4	31'-2"	—
$e_{3f}(E)$	2	#8	31'-2"	—
$w_{61}(E)$	152	#4	9'-9"	—
$b_{61}(E)$	120	#5	27'-5"	—
Concrete Superstructure		Cu. Yd.	111.6	
Concrete Structures		Cu. Yd.	23.5	
(1.) Reinforcement Bars, Epoxy Coated		Pound	31,240	

(1.) 4,420 pounds billed in Substructure
Total in Total Bill of Material on sheet 2 of 62.



* Tilt #9 $b_{83}(E)$ bars as required to maintain clearance.
*** Cost included with Concrete Superstructure.



EAST APPROACH SLAB SB I-57 - 2
STRUCTURE NO. 016-1252

TYLIN INTERNATIONAL

DESIGNED	MRB	REVISIONS	
CHECKED	AMD	NAME	DATE
DRAWN	MRB		
CHECKED	LS,SP,PDF		
DATE	03/18/10		

SHEET NO. 33 62 SHEETS	F.A.I. RTE. 57	SECTION 1414.2B	COUNTY COOK	TOTAL SHEETS 516	SHEET NO. 346
	CONTRACT NO. 60J27				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

P:\602540\57-294\STRUCTURAL\I-57 OVER RAMP BY final submittel 03-17-2010 final submittel 03-17-2010\0161252-60J27-033-E_APPR6.dgn 9:54:25 AM 3/18/2010