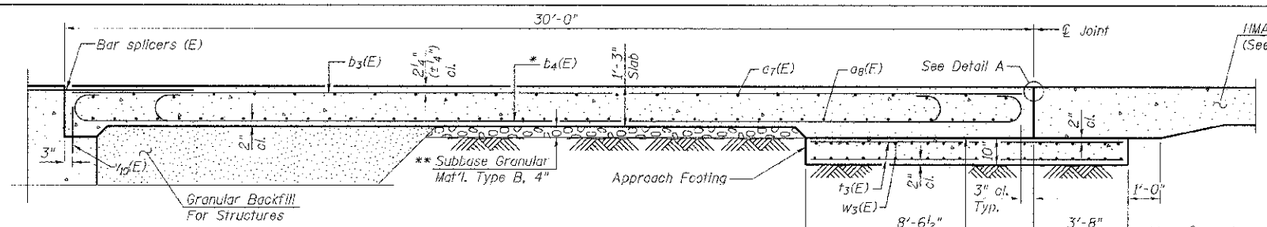
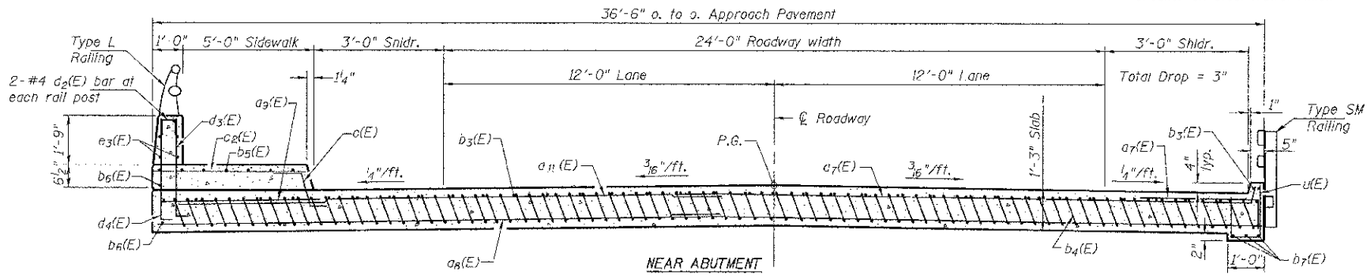


* Tilt #9 $b_4(E)$ bars as required to maintain clearance.

** Cost included with Concrete Superstructure.

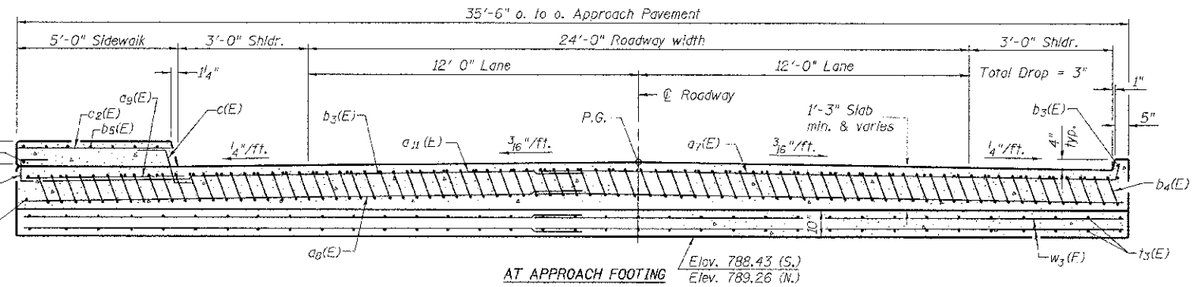
SECTION C-C



NEAR ABUTMENT

SECTION D-D

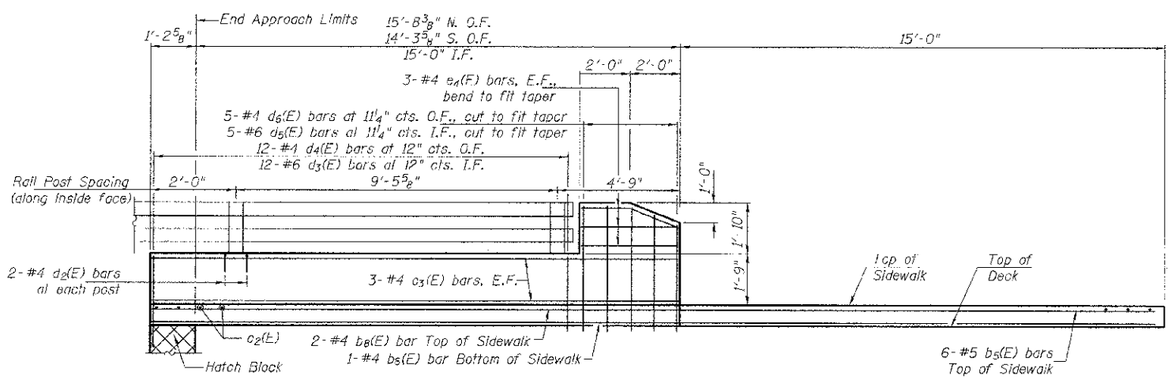
(See Plan for dimensions not shown)



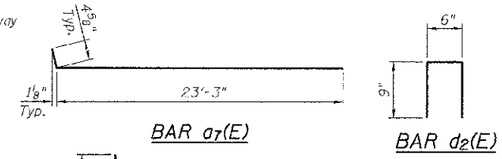
AT APPROACH FOOTING

SECTION D-D

(See Plan for dimensions not shown)

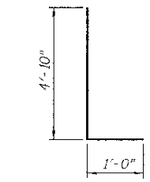


VIEW E-E

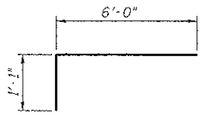


BAR $a_7(E)$

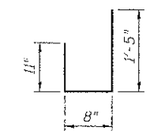
BAR $d_2(E)$



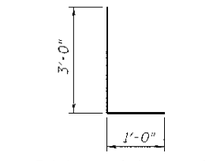
BARS $d_5(E)$ & $d_6(E)$



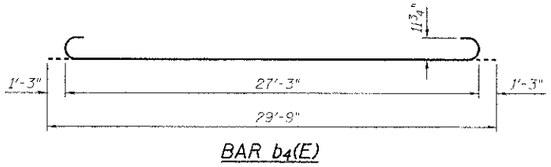
BAR $a_{10}(E)$



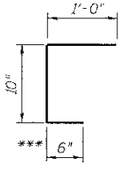
BAR u(E)



BARS $d_3(E)$ & $d_4(E)$

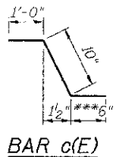


BAR $b_4(E)$

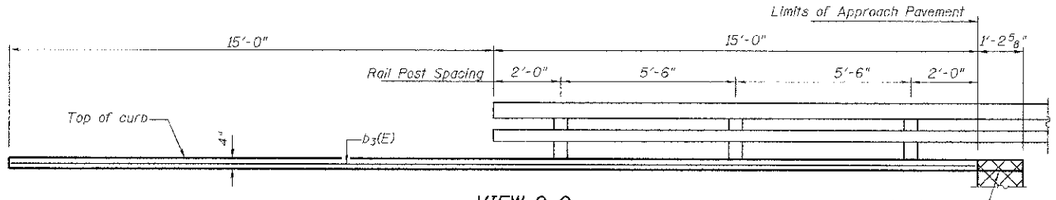


BAR $c_3(E)$

*** In lieu of bottom leg, c(E) bars may be cored and set according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of cored hole shall not exceed 6".



BAR c(E)



VIEW G-G

Notes:

See sheet 12 of 28 for Detail A & Section thru Parapet..
Approach slab, sidewalk, & parapet, including sidewalk and parapet on hatch block, 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.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet 28 of 28.
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 28.

TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_7(E)$	50	#4	23'-9"	
$a_8(E)$	184	#5	23'-4"	
$a_9(E)$	24	#6	6'-6"	
$a_{10}(E)$	12	#6	7'-1"	
$a_{11}(E)$	50	#4	23'-3"	
$b_3(F)$	62	#4	29'-8"	
$b_4(E)$	170	#9	29' 9"	
$b_5(E)$	14	#5	30'-10"	
$b_6(E)$	8	#4	14'-8"	
$b_7(E)$	6	#4	14'-8"	
$c(E)$	62	#5	2'-4"	
$c_2(E)$	62	#5	6'-9"	
$c_3(E)$	30	#5	2'-4"	
$d_2(E)$	8	#4	2'-0"	
$d_3(E)$	24	#6	4'-0"	
$d_4(E)$	24	#4	4'-0"	
$d_5(E)$	10	#6	5'-10"	
$d_6(E)$	10	#4	5'-10"	
$e_3(E)$	12	#4	15'-10"	
$e_4(E)$	12	#4	3'-8"	
$t_3(E)$	144	#4	11'-9"	
$u(E)$	24	#5	3'-0"	
$w_3(E)$	160	#5	22'-9"	
Concrete Superstructure		CU YD	128.0	
Concrete Structures		CU YD	26.8	
Reinforcement Bars, Epoxy Coated		POUND	31,580	

FILE NAME = V:\2555\CADD SHEETS\STRUCTURES - Rec'd 02-27-2013\2555b013.dgn	USER NAME = smountsl	DESIGNED BAN	REVISED -
	PLOT SCALE = NONE	DRAWN TAC	REVISED -
	PLOT DATE = 3/26/2013	CHECKED CTM	REVISED -
		DATE -	REVISED -

DEKALB COUNTY
C.H. 26 (FIVE POINTS RD.)
OVER SOUTH BRANCH OF KISHWAUKEE RIVER

BRIDGE APPROACH SLAB DETAILS

SCALE: N/A | SHEET NO. 13 OF 28 SHEETS | STA. N/A | TO STA. N/A

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 26	05-00044-01-BR	DEKALB	49	28

CONTRACT NO. 87477

ILLINOIS FED. AID PROJECT BRS-1122(108)