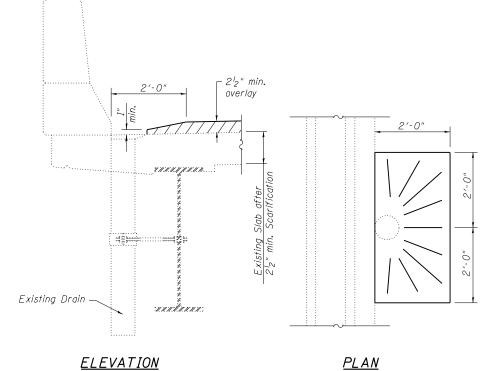
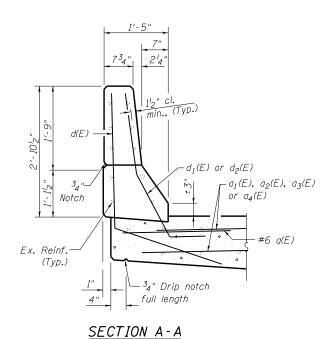


\*Dimensions are along the back face of the parapet at 50° F.



OVERLAY DETAIL FOR EXISTING DECK DRAINS THAT ARE TO REMAIN OPEN



See sheets 19 and 22 of 28 for End Post Details and Quantities. See sheet 21 of 28 for Plan View of North Abutment Parapets for additional details.

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

## Bar No. Size a(E) 48 #6 a1(E) 18 #5 a2(E) 32 #5 a3(E) 32 #5 a4(E) 18 #5

 $\frac{4'8"}{2^{3}8"} \frac{1' - 4'8"}{9'2"} \frac{6"}{6"} \frac{d_{1}(E)}{d_{2}(E)}$ 

BAR  $d_1(E)$  &  $d_2(E)$ 

BAR d(E)



## BILL OF MATERIAL Bar No. Size Length St

Bar	No.	Size	Length	Shape	
a(E)	48	#6	6′-0"		
a <sub>1</sub> (E)	18	#5	27′-7"		
a <sub>2</sub> (E)	32	#5	26′-5"		
a3(E)	32	#5	25′-3"		
04(E)	18	#5	24'-3"		
d(E)	60	#4	5′-6"	Ĺ	
$d_I(E)$	20	#5	4'-3"		
d2(E)	40	#5	3′-11"		
x(E)	204	#5	3′-5"		
Concrete			Cu. Yd.	38.3	
Superstru	ucture	Cu. 10.	50.5		
Reinforcement Bars,			Pound	4330	
Epoxy Coated					
Bar Splicers			Each	50	
Concrete Bridge			Sa. Yd.	658	
Deck Scacification, 2 <sup>1</sup> 2"			Jy. 10.	טבט	
Bridge Deck Fly Ash					
or GGBF Concrete			Sq. Yd.	658	
Overlay, .	212"	•			

FILE	NAME	=	0250002-74295-007.dgn
		A.	BERNARDIN * LOCHMUELLER & ASSOCIATES, I
(1)		"))	MARYVILLE, ILLINOIS 62062
	SZ.	4	PHONE (618) 288-4665
4	-	-	FAX (618) 288-4666

IATES, INC.	USER NAME =	DESIGNED - BB	REVISED -
		CHECKED - ACS	REVISED -
	PLOT SCALE =	DRAWN - WJS	REVISED -
	PLOT DATE = 1:55:54 PM 8/15/2013	CHECKED - CJF & BB	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE BILL OF MATERIALS & PARAPET DETAILS STRUCTURE NO. 025-0002		SECTION	COUNTY	TOTAL	SHEET NO.
		(25-4HB)I-4	EFFINGHAM	1760	1684
		SN 025-0002 CONTRACT N		NO.	74295
SHEET NO. 7 OF 28 SHEETS	FED. RO	DAD DIST. NO. 7 ILLINOIS FED.	AID PROJECT		