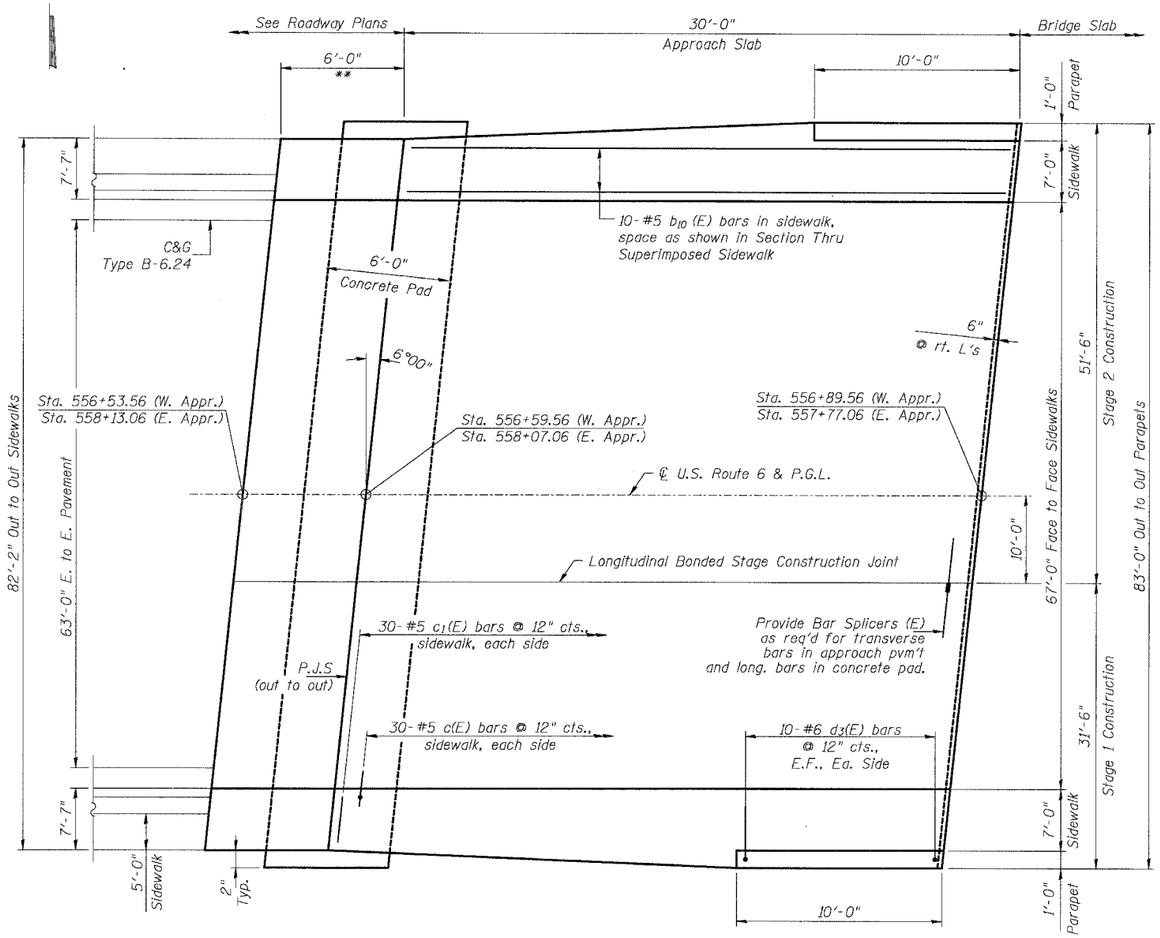
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

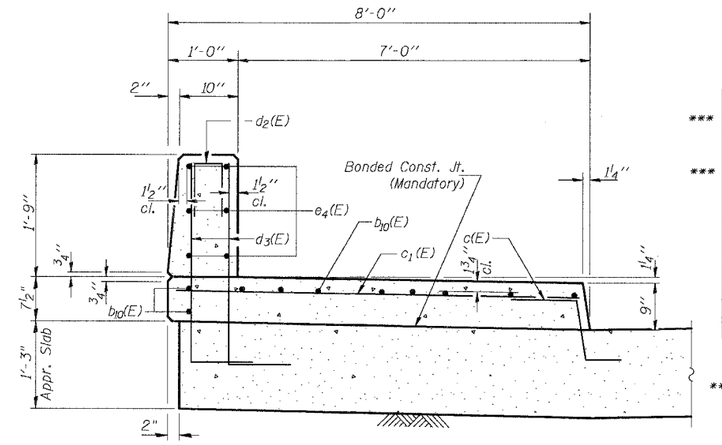
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. S12
S. B. I. F. A. U. 5952	①	GRUNDY	50	42	OF S14 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

① G-BR-1 66563

** Provide Bridge Approach Pavement Connector between Approach Pavement and typical roadway section. Taper curb height on connector pavement to match approach curb height and Type B-6.24 curb height. Superimposed sidewalk on connector pavement shall be unreinforced.



WEST APPROACH PAVEMENT PLAN
(East Approach Pavement similar except as noted)



SECTION THRU SUPERIMPOSED SIDEWALK

* BILL OF BARS

	Bar	No.	Size	Length	Shape
***	b_{10} (E)	40	#5	29'-8"	
	c(E)	120	#5	2'-5"	
***	c_1(E)	120	#5	7'-8"	
	d_3(E)	80	#6	3'-9"	
	d_2(E)	20	#4	2'-0"	
	e_4(E)	24	#4	9'-8"	

* Shown only for bars in addition to those indicated by Std. 420401.
*** Cut and bend b_{10}(E) and c_1(E) in field as required to fit sidewalk taper.

Reinforcement bars designated (E) shall be epoxy coated.

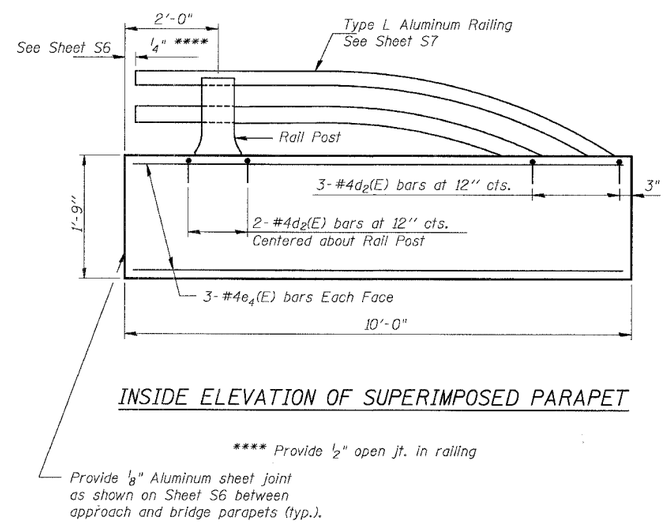
The approach pavements shall be constructed according to the Bridge Approach Pavement Std. 420401 with the exception of those details shown herein.

The additional concrete, epoxy coated reinforcement bars and epoxy coated bar splicers required for the superimposed sidewalk, parapets and construction staging are included in the cost of "Bridge Approach Pavement (Special)".

See Sheet S6 for approach pavement/bridge joint details.

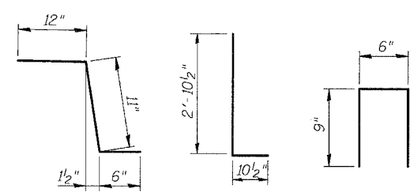
E.F. = Each Face

Apply Protective Coat to Bridge Appoach Pavement in accordance with Art. 503.19 of the Std. Specs. Groove Approach Pavement in accordance with Art. 503.1 (c)(4)b of the Std. Specs. See Summary of Quantities for Bridge Approach Pavement (Special), Bridge Approach Pavement Connector, PCC (Special), Protective Coat and Bridge Deck Grooving Quantities.

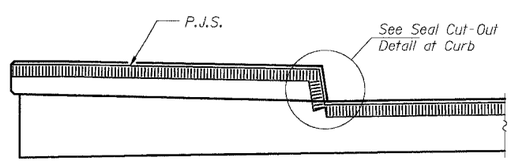


INSIDE ELEVATION OF SUPERIMPOSED PARAPET

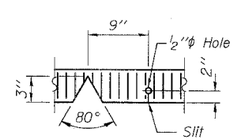
**** Provide ½" open jt. in railing



BAR c(E) BAR d_3(E) BAR d_2(E)



P.J.S. DETAIL AT SIDEWALK



SEAL CUT-OUT DETAIL AT CURB

DESIGNED	MRM
CHECKED	BLU
DRAWN	MRM
CHECKED	BLU

DATE: 10/25/05

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
130 E. RANDOLPH STREET
CHICAGO, ILLINOIS 60601
JOB NO. 541

BRIDGE APPROACH PAVEMENT (SPECIAL)
U.S. ROUTE 6 (BEDFORD ROAD)
OVER EAST FORK OF NETTLE CREEK
FAU 5952-SEC. G-BR-1
GRUNDY COUNTY
STATION 557+33.31
S.N. 032-0108

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