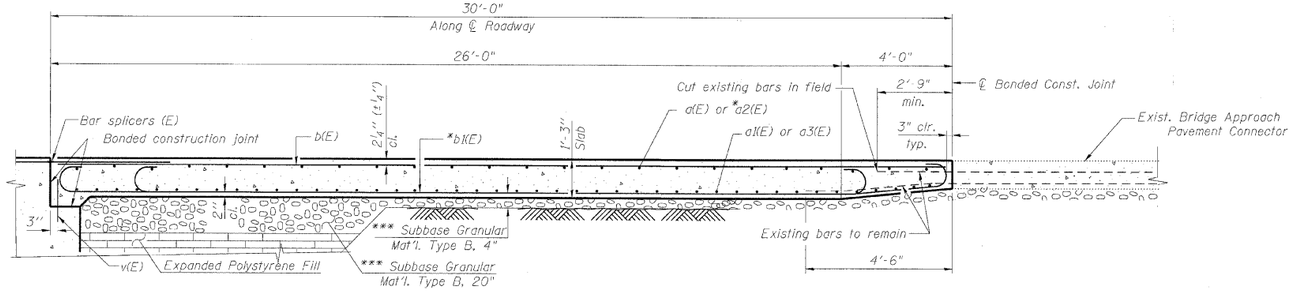
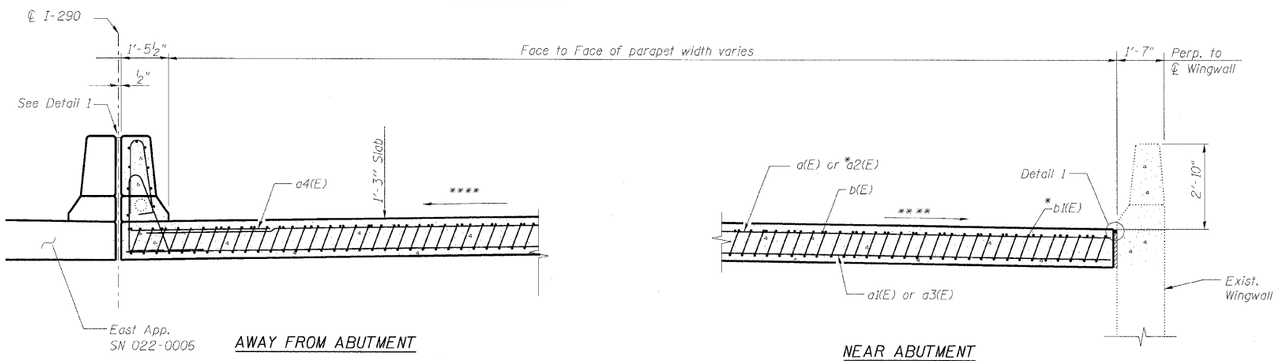
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION C-C

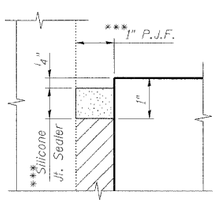


SECTION D-D
(See Plan for dimensions not shown)

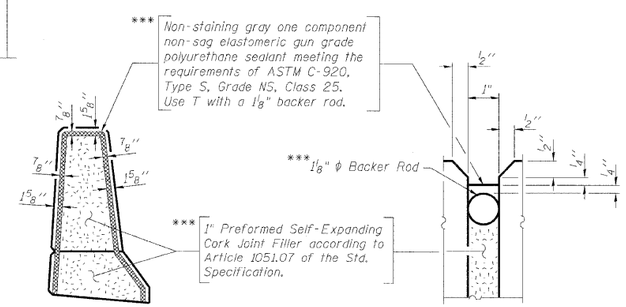
* Tilt bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.

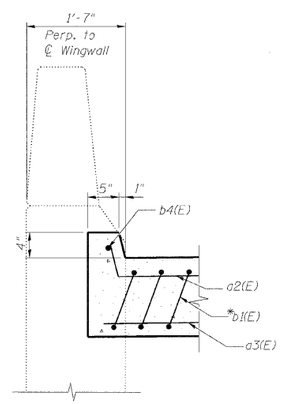
**** Match existing grades and cross slopes.



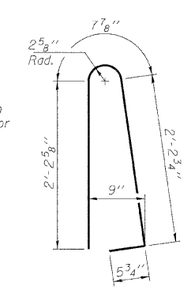
DETAIL 1



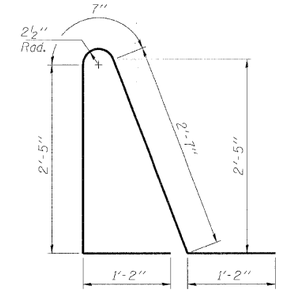
DETAIL 2



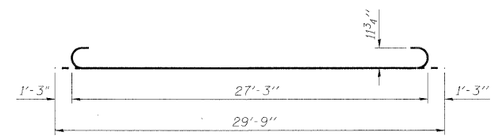
SECTION A-A



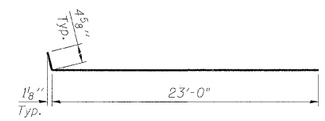
BAR d(E)



BAR d1(E)



BAR b1(E)



BAR a7(E)

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	75	#4	25'-6"	
a1(E)	92	#5	25'-9"	
a2(E)	25	#4	23'-5"	
a3(E)	92	#5	24'-6"	
a4(E)	24	#6	6'-0"	
b(E)	83	#4	29'-8"	
b1(E)	198	#9	29'-9"	
b4(E)	7	#4	20'-5"	
b5(E)	1	#4	26'-9"	
d(E)	30	#5	5'-7"	
d1(E)	30	#5	7'-11"	
e(E)	8	#4	26'-9"	
e1(E)	1	#8	26'-9"	

ITEM	UNIT	TOTAL
Approach Slab Removal	Sq. Yd.	292
Concrete Barrier Removal	Foot	28
Concrete Superstructure	Cu. Yd.	118.3
Bridge Deck Grooving	Sq. Yd.	269
Protective Coat	Sq. Yd.	295
Reinforcement Bars, Epoxy Coated	Pound	29,130

Notes:

1. a(E), a1(E), a2(E) and a3(E) bar spacings measured parallel to ℄ Roadway. b(E) and b1(E) bars spacings measured perpendicular to ℄ Roadway.
2. For existing approach slab and shoulder pavement details, see existing plans.
3. Existing reinforcement bars extending into the concrete removal area shall be blast-cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during approach slab removal shall be repaired or replaced with an approved bar splicer or anchorage system. Cost included with Approach Slab Removal.
4. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
5. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
6. For bar splicer details, see Bar Splicers Assembly Details sheet.
7. For Expanded Polystyrene Fill and drainage treatment details, see sheet 16.
8. The Contractor shall excercise extreme care with the existing conduits in sections of the parapet to be removed and to protect and support the conduit. The Contractor will be required to repair any damage done to the conduit to the satisfaction of the Engineer. No splicing will be allowed to any cable damage resulting from this work, instead the Contractor will be required to repair the entire span of any damaged cable at no additional cost to the Department.
9. Bars indicated thus 8x2-#4 etc. indicates 8 lines of bars with 2 lengths per line.
10. Minimum bar lap length: #4 = 1'-8"
    #5 = 2'-2"
11. Work this sheet with East Bridge Approach Slab Details (1 of 2) sheet.

DESIGNED -	MFB
CHECKED -	KWS
DRAWN -	RMG
CHECKED -	KWS

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

EAST BRIDGE APPROACH SLAB DETAILS
(2 OF 2)
STRUCTURE NO. 022-0005

SHEET NO. 9	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25 SHEETS	290	2009-099 BR	COOK/DUPAGE	309	253
			CONTRACT NO. 60I57		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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