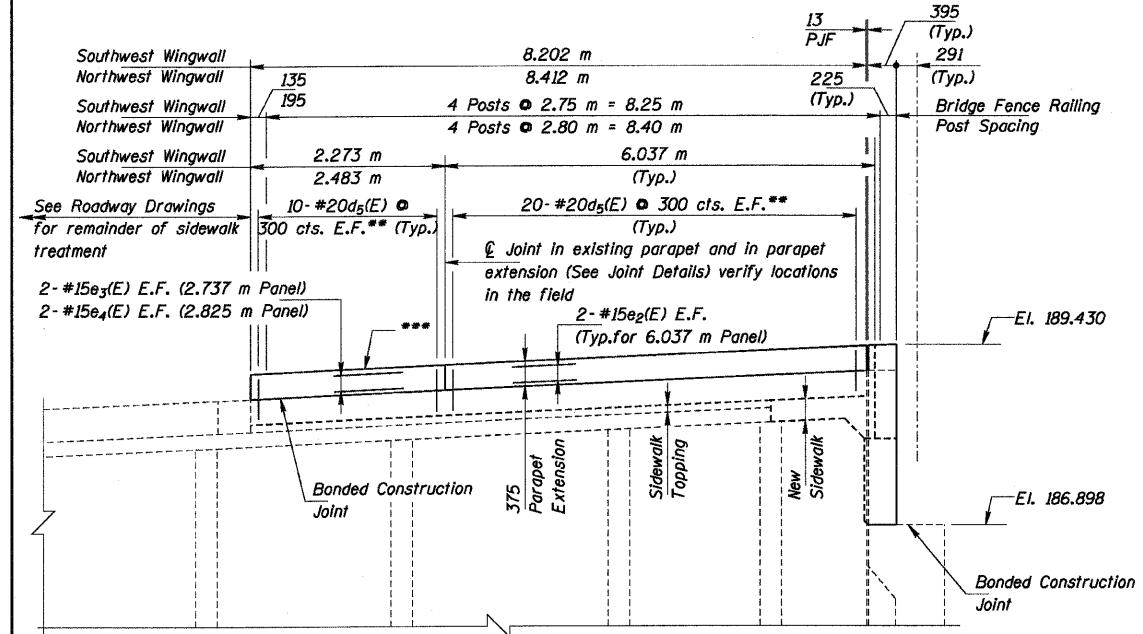
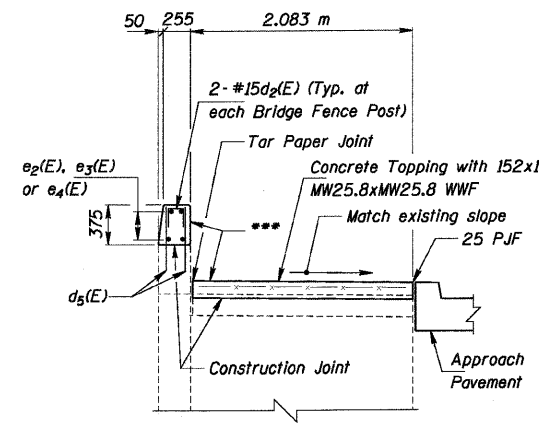


WINGWALL & SIDEWALK PLAN
(Southwest Wingwall Shown, Northwest Wingwall Similar)



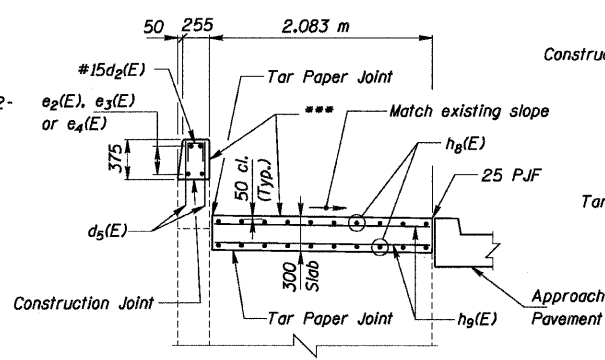
ELEVATION

Note:
Existing railing attached to wingwalls is to be removed and delivered to IDOT District 1 Bridge Office in locations of the parapet extension. Cost of this work is included in Removal of Existing Concrete Deck bid item. See General Notes for more information.



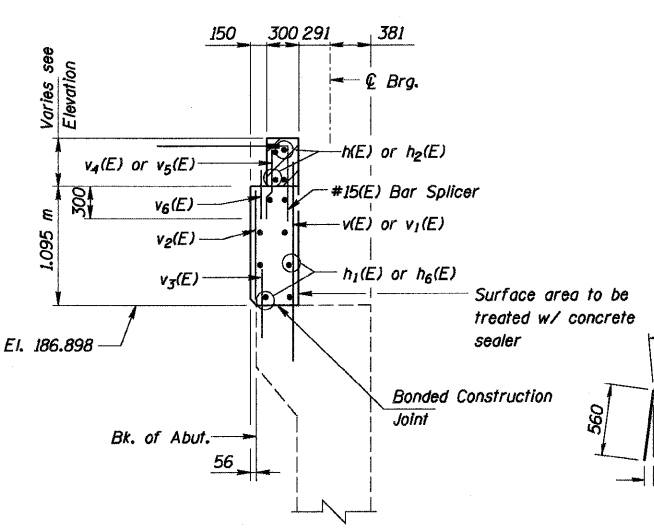
SECTION B-B

Note:
Existing surface of sidewalk shall be scarified and roughened to 6mm irregularities. Cost is included in the cost of Concrete Superstructure.



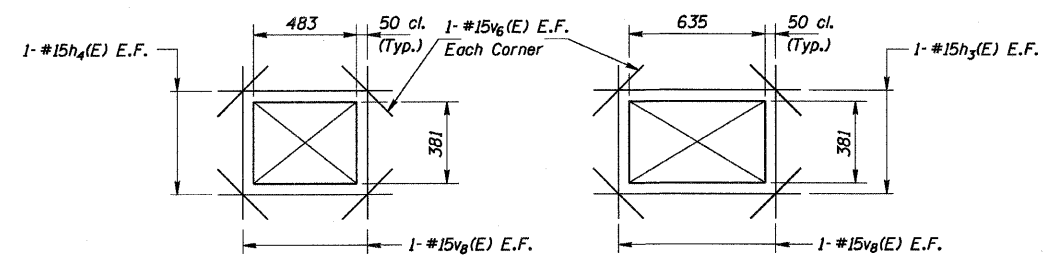
SECTION C-C

Legend:
F.F. = Front Face
B.F. = Back Face
E.F. = Each Face



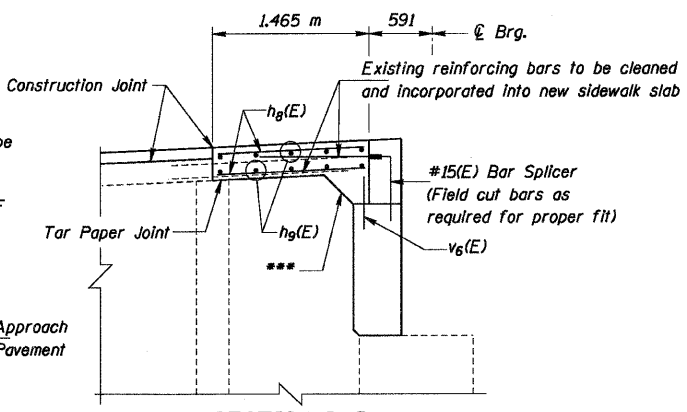
SECTION A-A

Hatched area to be poured after superstructure forms have been removed. Quantity of Concrete included with Concrete Superstructure.



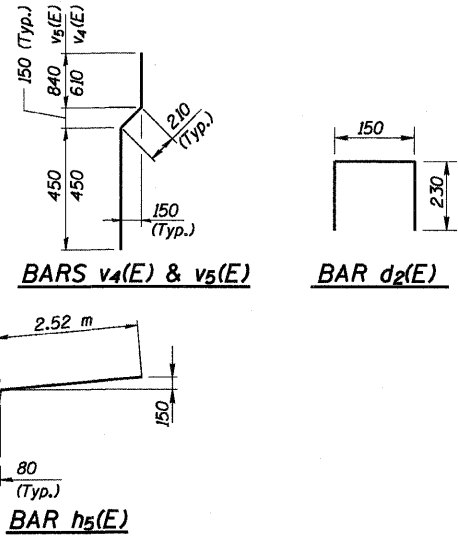
4-CONDUIT BLOCKOUT **6-CONDUIT BLOCKOUT**
ADDITIONAL REINFORCEMENT FOR BLOCKOUTS

Note:
Cut or adjust backwall reinforcement as required to miss blockout. Contractor to completely fill space around conduits for full depth of abutment backwall. Contractor may also elect to use pipe sleeves instead of blockout, subject to the approval of the Engineer. Cost shall be included in the cost of Concrete Structures.



SECTION D-D

Notes:
All dimensions are in millimeters (mm) except as noted.
** Epoxy grout bars 230 (Min.) drilled holes according to Article 584 of the Standard Specifications. Space drilled holes in existing cap to miss existing reinforcement.
*** Quantity of concrete included with Concrete Superstructure.



BARS v4(E) & v5(E)

BAR d2(E)

BAR h5(E)

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH (m)	SHAPE
d2(E)	16	#15	0.61	□
d5(E)	120	#20	0.63	—
e2(E)	8	#15	5.94	—
e3(E)	4	#15	2.63	—
e4(E)	4	#15	2.73	—
h(E)	8	#20	6.60	—
h1(E)	16	#15	6.52	—
h2(E)	8	#20	6.75	—
h3(E)	4	#15	1.34	—
h4(E)	4	#15	1.18	—
h5(E)	4	#15	3.08	□
h6(E)	16	#15	6.67	—
h7(E)	12	#15	0.35	—
h8(E)	40	#15	1.37	—
h9(E)	20	#15	1.98	—
v(E)	22	#15	2.36	—
v1(E)	67	#15	2.26	—
v2(E)	85	#15	1.0	—
v3(E)	85	#15	0.53	—
v4(E)	67	#15	1.27	□
v5(E)	18	#15	1.50	□
v6(E)	101	#15	0.60	—
v7(E)	4	#20	2.36	—
v8(E)	8	#15	0.98	—
Concrete Structures		m ³	12.4	
Reinforcement Bars		kg	2,050	
Epoxy Coated		kg	2,050	
Structure Excavation		m ³	52	
Parous Granular Embankment (Special)		m ³	43	
Concrete Superstructure		m ³	11.9	
Bar Splicers		Each	104	
Concrete Sealer		m ²	18.5	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
115 TH. STREET OVER FAI 57
FAU RTE. 1584 SEC. 068-1919.2-CF
COOK COUNTY
STATION 2+382.915
STRUCTURE NO. 016-2037
WEST ABUTMENT DETAILS-II
DRAWN BY KAC
CHECKED BY MDK/DGS
DATE: JANUARY 16, 2009

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