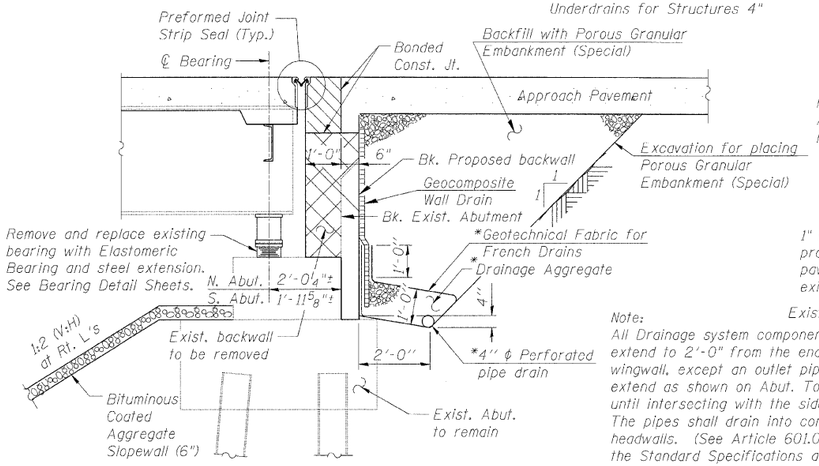
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

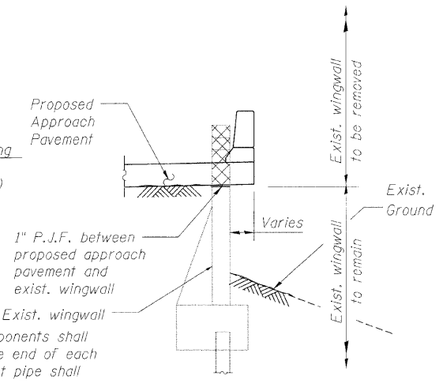
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 308	*	ROCK ISLAND	210	141
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 26
32 SHEETS

Contract #64814 * I(HB,HB-1,VB,HB-2)R

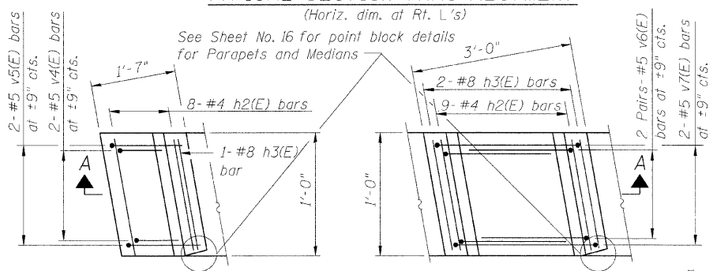


TYPICAL SECTION THRU ABUTMENT
(Horiz. dim. at Rt. L's)



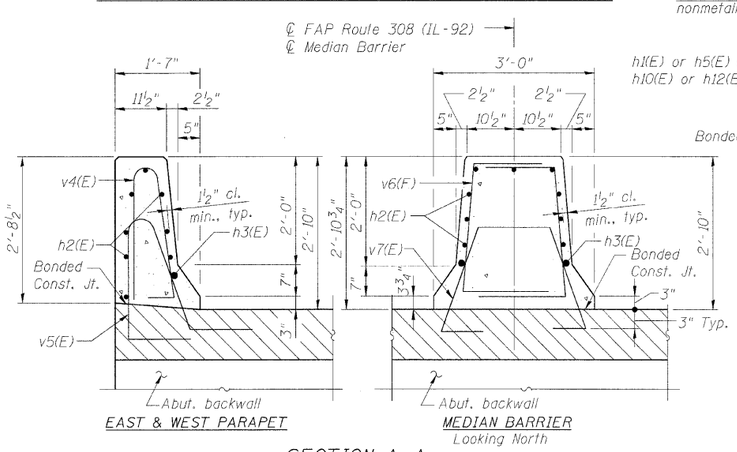
SECTION THRU WINGWALL

Note:
All Drainage system components shall extend to 2'-0" from the end of each wingwall, except an outlet pipe shall extend as shown on Abut. Top Views until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



EAST & WEST PARAPET — MEDIAN BARRIER

ABUTMENT PARAPET & MEDIAN BARRIER PLANS



EAST & WEST PARAPET — MEDIAN BARRIER
Looking North

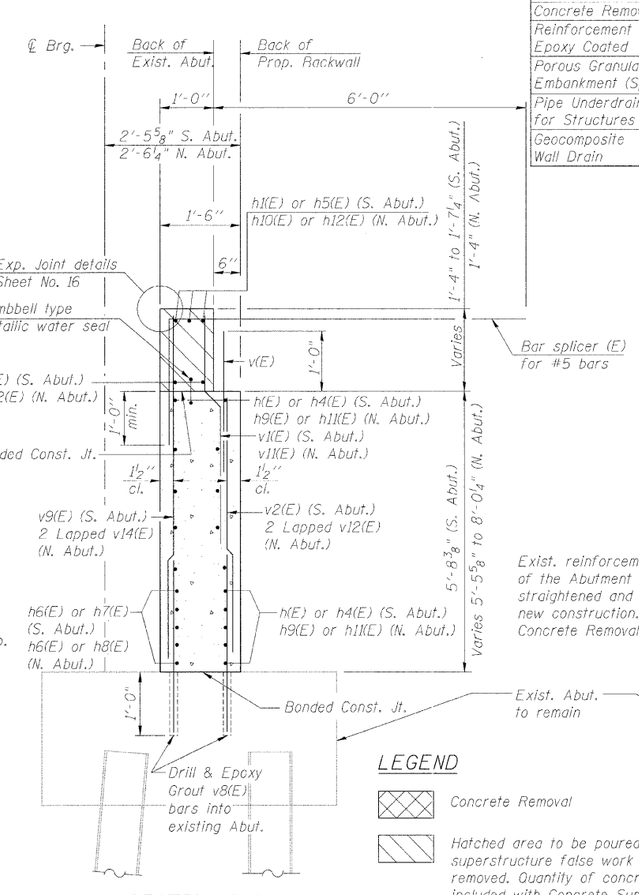
SECTION A-A

DESIGNED	AMK
CHECKED	JSD
DRAWN	AMK/EF
CHECKED	RWC

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

SOUTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	26	#5	35'-2"	
h11(E)	10	#6	35'-5"	
h2(E)	25	#4	1'-3"	
h3(E)	4	#8	1'-3"	
h4(E)	26	#5	31'-9"	
h5(E)	10	#6	32'-1"	
h6(E)	3	#5	2'-2"	
h7(E)	3	#5	3'-3"	
v1(E)	128	#5	3'-2"	
v11(E)	128	#5	4'-2"	
v2(E)	128	#5	5'-4"	
v3(E)	122	#5	4'-6"	
v4(E)	4	#5	5'-7"	
v5(E)	4	#5	6'-10"	
v6(E)	4	#5	6'-3"	
v7(E)	2	#5	7'-8"	
v8(E)	256	#5	3'-2"	
v9(E)	7	#5	6'-8"	
v10(E)	3	#5	5'-4"	
Structure Excavation		Cu. Yd.	145	
Concrete Structures		Cu. Yd.	31.3	
Concrete Removal		Cu. Yd.	29.8	
Reinforcement Bars, Epoxy Coated		Pound	6,150	
Porous Granular Embankment (Special)		Cu. Yd.	145	
Pipe Underdrains for Structures 4"		Foot	168	
Geocomposite Wall Drain		Sq. Yd.	93	

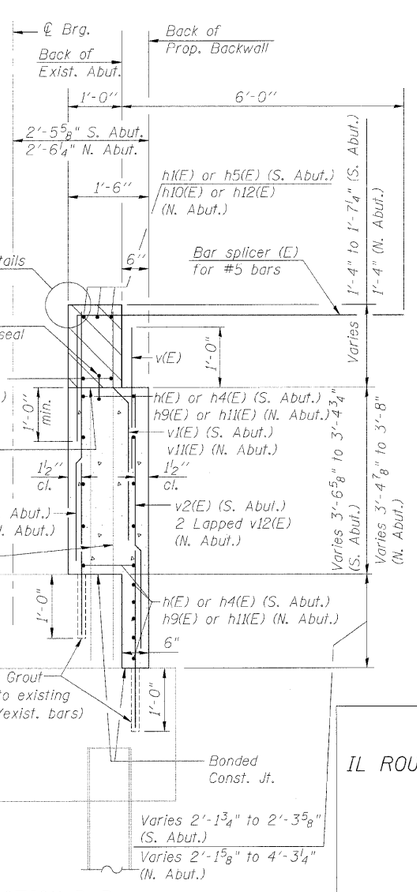


SECTION C-C

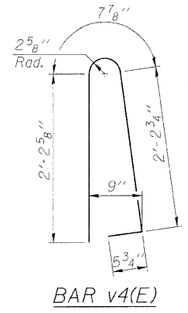
LEGEND

Concrete Removal

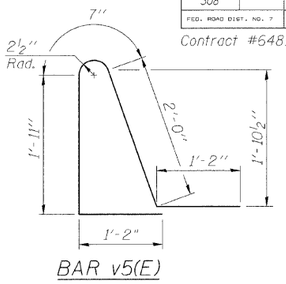
Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.



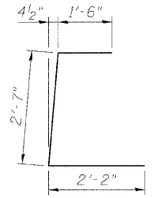
SECTION B-B



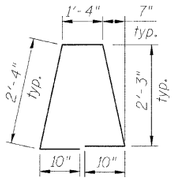
BAR v4(E)



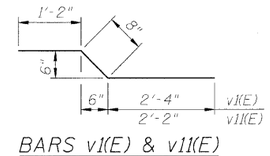
BAR v5(E)



BAR v6(E)



BAR v7(E)



BARS v1(E) & v11(E)

NORTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h2(E)	25	#4	1'-3"	
h3(E)	4	#8	1'-3"	
h6(E)	5	#5	2'-2"	
h8(E)	3	#5	4'-0"	
h9(E)	30	#5	34'-11"	
h10(E)	10	#6	39'-3"	
h11(E)	30	#5	34'-1"	
h12(E)	10	#6	34'-10"	
v(E)	143	#5	3'-2"	
v4(E)	4	#5	5'-7"	
v5(E)	4	#5	6'-10"	
v6(E)	4	#5	6'-3"	
v7(E)	2	#5	7'-8"	
v8(E)	282	#5	3'-2"	
v11(E)	143	#5	4'-0"	
v12(E)	286	#5	5'-1"	
v13(E)	137	#5	4'-5"	
v14(E)	16	#5	5'-9"	
v15(E)	2	#5	6'-2"	
v16(E)	1	#5	7'-6"	
Structure Excavation		Cu. Yd.	203	
Concrete Structures		Cu. Yd.	38.4	
Concrete Removal		Cu. Yd.	32.2	
Reinforcement Bars, Epoxy Coated		Pound	8,140	
Porous Granular Embankment (Special)		Cu. Yd.	203	
Pipe Underdrains for Structures 4"		Foot	180	
Geocomposite Wall Drain		Sq. Yd.	118	

NOTES

1. For bar splicers see Sheet No. 29
2. Drilling and epoxy grouting of bars is included with the cost of Concrete Structures.
3. For locations of Sections B-B and C-C see Sheet Nos. 24 and 25
4. Concrete Sealer shall be applied to the front face of the new backwalls.

ABUTMENT DETAILS
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER IAIS RAILROAD
FAP RTE 308, SEC. 1(VB)R
ROCK ISLAND COUNTY
STATION 1507+04.10
STRUCTURE NO. 081-0064

t:\20828\structdgn\Z04402BNA2.dgn