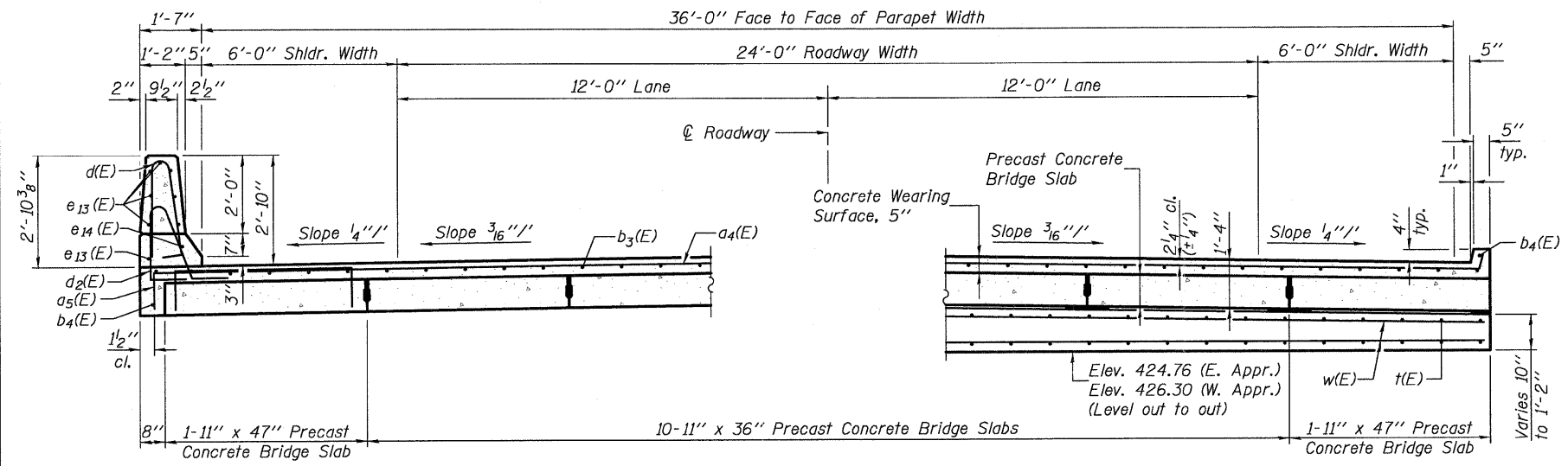


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Notes:  
Cast-in-place substitution of Precast Concrete Bridge Slab is not allowed. Parapet concrete shall be paid for as Concrete Superstructure.  
Parapet and wearing surface reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.  
Approach Footing Concrete shall be paid for as Concrete Structures.  
The top surface of Precast Concrete Bridge Slabs shall be roughened to a depth of 1/4" according to the IDOT "Manual for Fabrication of Precast Prestressed Concrete Products".  
Precast Concrete Bridge Slabs shall be erected per Article 504.06 of the Standard Specifications.  
After Precast Concrete Bridge Slab has been erected, holes shall be drilled into corbel and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of Precast Slab and allowed to cure fully prior to grouting the longitudinal shear keys.  
Two b" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. Cost included with Precast Concrete Bridge Slab. A minimum 2 1/2"φ lifting pin shall be used to engage the lifting loops during handling. Compressive strength of precast concrete, f'c, shall be 6,000 psi.  
For additional parapet details, see sheet 13 of 34.  
Any concrete poured monolithically with the wearing surface, such as curbs, will not be paid for separately, but will be included in the cost of Concrete Wearing Surface, 5".

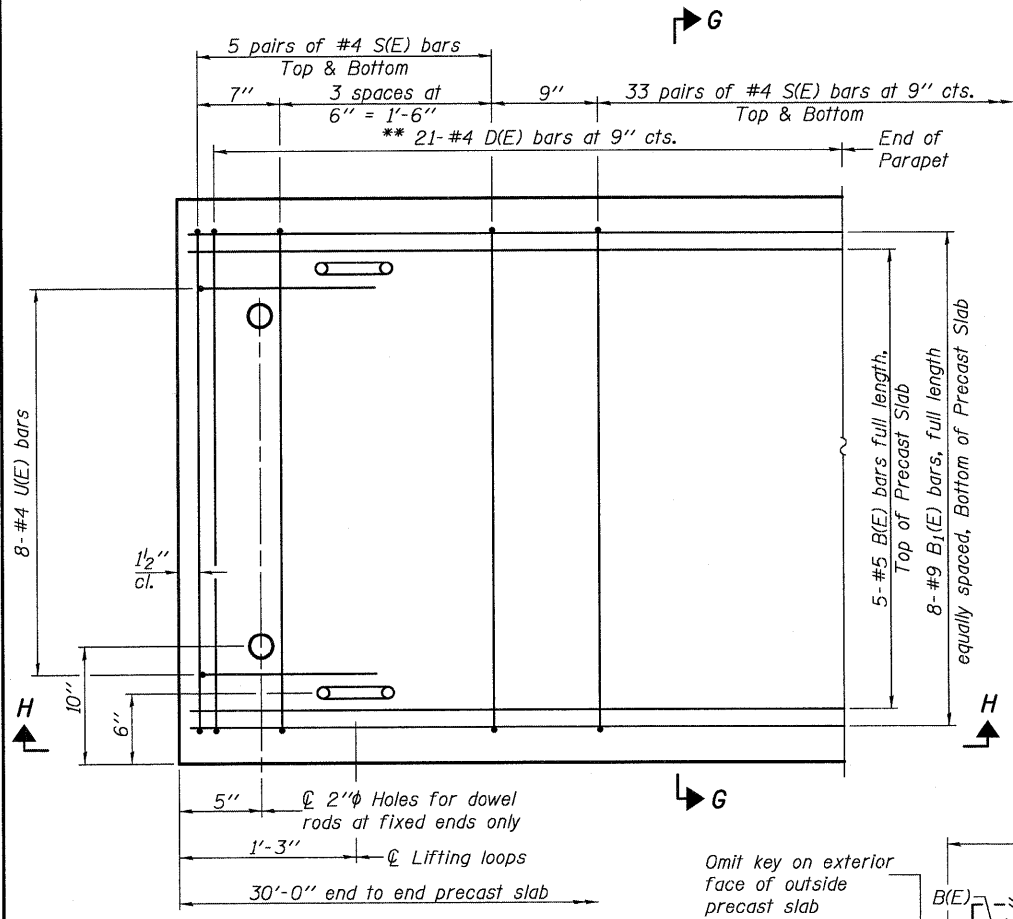


NEAR ABUTMENT

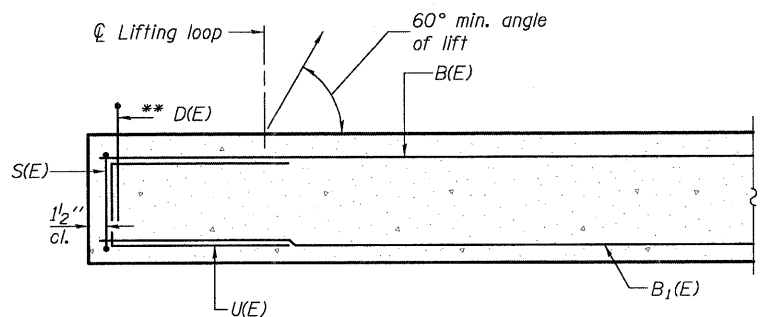
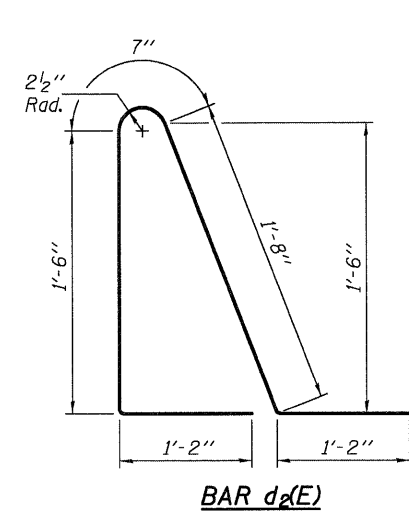
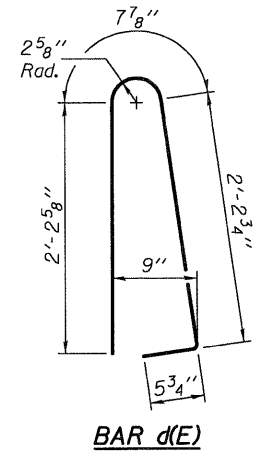
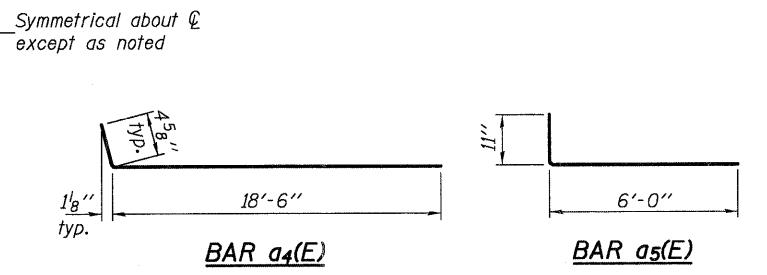
AT APPROACH FOOTING

SECTION E-E

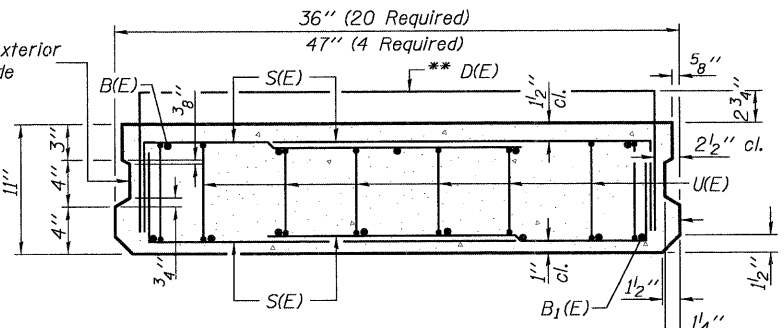
(See Plan for Dimensions not Shown)



PRECAST CONCRETE BRIDGE SLAB PLAN

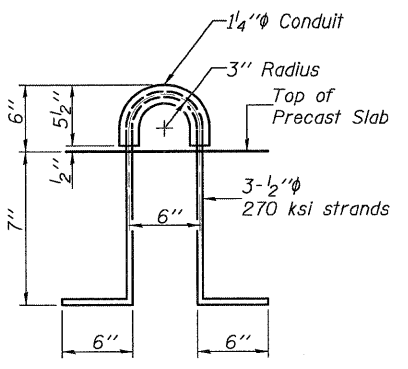


SECTION H-H

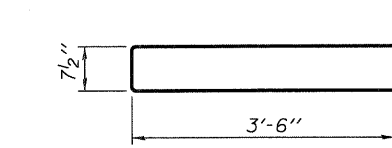


SECTION G-G

(Showing Dimensions & Reinforcement)



LIFTING LOOP DETAIL



BAR D(E)

BAR U(E)

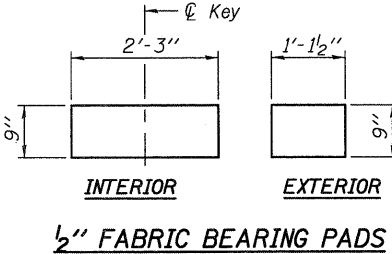
\* BAR LIST  
(ONE PRECAST CONCRETE BRIDGE SLAB)

Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	8	#9	29'-8"	—
** D(E)	21	#4	5'-6"	⌒
S(E)	172	#4	3'-5"	⌒
U(E)	16	#4	7'-8"	⌒

\* For Information Only  
\*\* Exterior Precast Slab Only

BILL OF MATERIAL  
(TWO APPROACHES)

Bar	No.	Size	Length	Shape
a4(E)	124	#4	18'-11"	⌒
a5(E)	56	#6	6'-11"	⌒
b3(E)	80	#4	29'-8"	⌒
b4(E)	8	#4	14'-8"	⌒
d(E)	68	#5	5'-7"	⌒
d2(E)	68	#5	6'-1"	⌒
e13(E)	32	#4	14'-8"	⌒
e14(E)	4	#8	14'-8"	⌒
t(E)	160	#4	9'-8"	⌒
w(E)	160	#5	18'-6"	⌒
Concrete Superstructure			Cu. Yd.	6.7
Concrete Structures			Cu. Yd.	28.0
Reinforcement Bars, Epoxy Coated			Pound	9,230
Precast Concrete Bridge Slab			Sq. Ft.	2,270
Concrete Wearing Surface, 5"			Sq. Yd.	253
Bar Splicers (E)			Each	142
Structure Excavation			Cu. Yd.	44



INTERIOR EXTERIOR

1/2" FABRIC BEARING PADS

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

(Sheet 2 of 2)  
COMPOSITE BRIDGE APPROACH SLAB DETAILS

SHEET NO. 14 34 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	805	126-BR-1	CLINTON	8.5	45
S.N. 014-0078			CONTRACT NO. 76976		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

0140078.76976.14.APDT.DGN DEC. 8, 2008

H.M. & C. NO. 6020.131