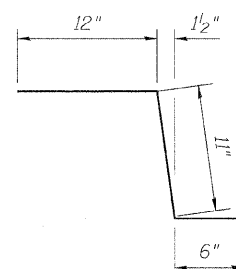
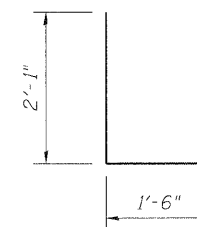


ANCHOR BOLT LAYOUT DETAIL C

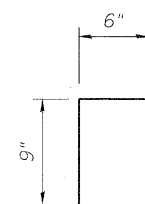
*** Remove existing bearing seat pedestal within 3" minimum around new anchor bolt location down to top of existing beam seat. Clean surface below concrete pedestal extension of debris, calcification deposits and any other foreign (non-concrete) material. Construct pedestal extension to locations shown level with existing concrete pedestal. If resulting surface is uneven, grind smooth. Cost included with Concrete Structures.



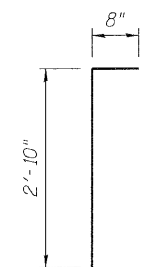
BAR c₁₁ (E)



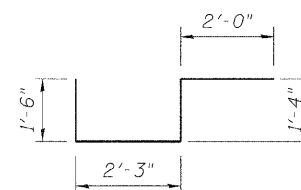
BAR d₁₄ (E)



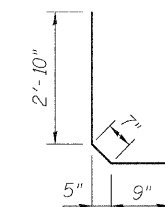
BAR d₁₀ (E)



BAR v₁₀ (E)



BAR d₁₃ (E)



BAR v₁₁ (E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
c ₁₀ (E)	4	#5	7'-2"	—
c ₁₁ (E)	4	#5	2'-5"	—
c ₁₂ (E)	8	#5	3'-0"	—
d ₁₀ (E)	28	#4	2'-0"	⊏
d ₁₁ (E)	144	#6	2'-11"	—
d ₁₂ (E)	252	#5	2'-1"	—
d ₁₃ (E)	8	#6	7'-1"	⊏
d ₁₄ (E)	6	#6	3'-7"	⊏
h ₁₀ (E)	22	#5	34'-2"	—
h ₁₁ (E)	8	#6	34'-2"	—
h ₁₂ (E)	12	#5	11'-4"	—
h ₁₃ (E)	24	#5	18'-2"	—
h ₁₄ (E)	12	#5	4'-7"	—
v ₁₀ (E)	70	#4	3'-6"	⊏
v ₁₁ (E)	70	#4	4'-2"	⊏
v ₁₂ (E)	140	#4	4'-0"	—
v ₁₃ (E)	54	#5	3'-10"	—
Structure Excavation		Cu. Yd.	28.0	
Concrete Structures		Cu. Yd.	13.9	
Reinforcement Bars, Epoxy Coated		Pound	4200	
Concrete Sealer		Sq. Ft.	428	

NOTES

- For location of Detail C, see Sheet 23 of 32.
- For details of Bar Splicers, see Sheet 32 of 32.

NORTH ABUTMENT DETAILS
STRUCTURE NO. 016-2030

<p>LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois</p>	SHEET NO. 25	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	32 SHEETS	57	2222.3B	COOK	77	55
<p>Designed By: ESH Checked By: MTH Drawn By: ESH Date: 7/2009 File: 016-2030.dgn</p>		<p>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT</p>		<p>CONTRACT NO. 62119</p>		