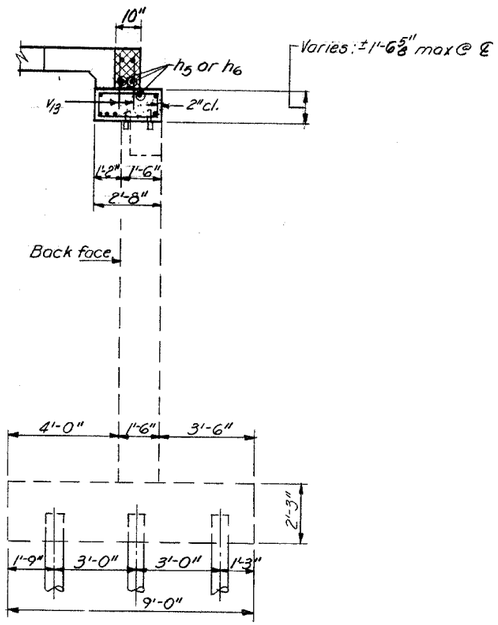
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FOR INFORMATIONAL PURPOSES ONLY

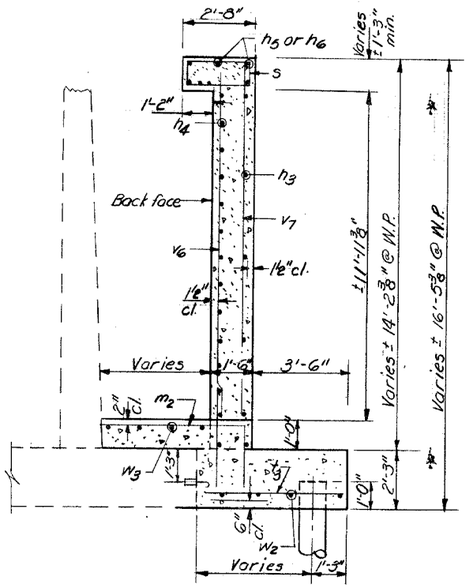
*1102BRBM & *1102BR-1M-1

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
316	-	LEE	28	20
ROAD DIST. NO.		ILLINOIS FED. PROJECT		

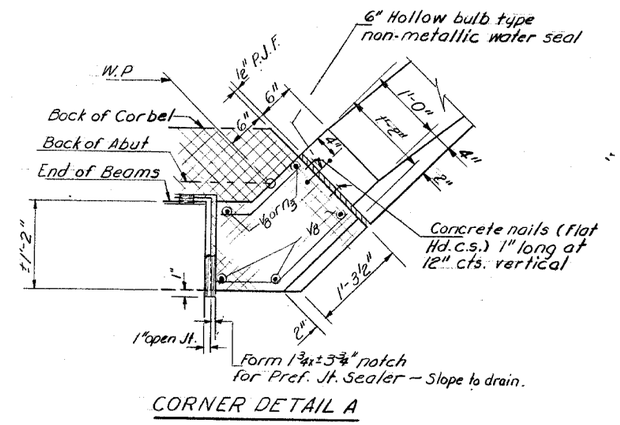
SHEET NO. 6
8 SHEETS



SECTION A-A

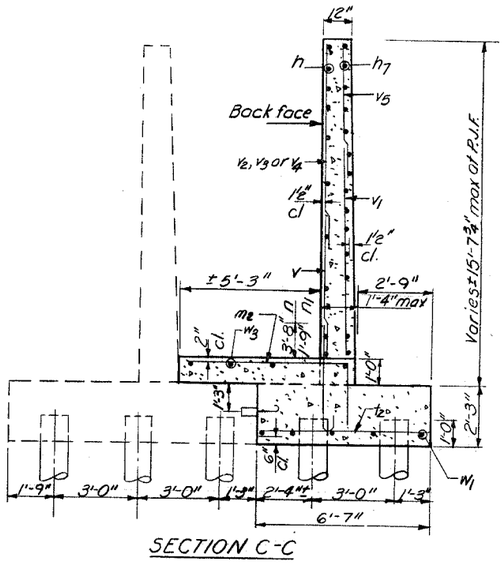


SECTION B-B

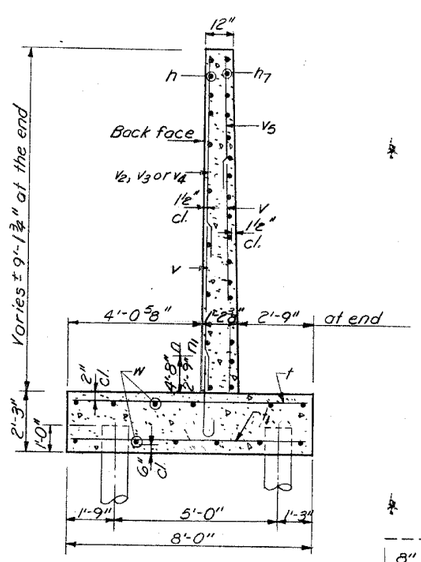


CORNER DETAIL A

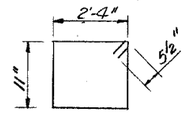
Note:
Cross-hatched portion to be poured after beams are in place. Quantity billed with superstructure.



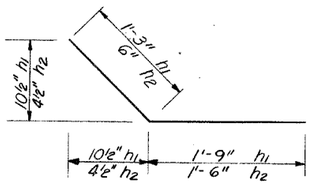
SECTION C-C



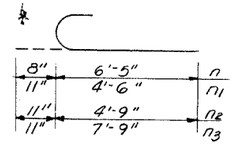
SECTION D-D



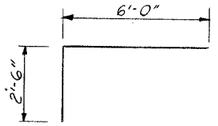
BAR S



BARS h1 & h2



BARS n, n1, n2 & n3



BAR m2

NORTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
h	20	#4	18'-0"	—					
h1	36	#4	3'-0"	—	t3	20	#6	7'-0"	—
h2	20	#4	2'-0"	—					
h3	28	#5	9'-0"	—					
h4	12	#4	7'-3"	—	V	38	#7	6'-3"	—
h5	11	#5	28'-0"	—	V1	12	#4	12'-0"	—
h6	11	#5	17'-0"	—	V2	14	#5	6'-3"	—
h7	32	#5	18'-0"	—	V3	12	#5	7'-3"	—
					V4	12	#5	9'-6"	—
					V5	4	#4	5'-0"	—
m	8	#8	4'-6"	—	V6	16	#6	13'-1"	—
m1	8	#8	7'-6"	—	V7	6	#4	13'-1"	—
m2	28	#6	8'-6"	⌐	V8	10	#6	14'-6"	—
					V13	86	#4	2'-2"	—
n	36	#6	7'-1"	⊂					
n1	38	#8	5'-5"	⊂	W	24	#5	9'-9"	—
n2	8	#8	5'-8"	⊂	W1	10	#5	14'-6"	—
n3	6	#8	8'-8"	⊂	W2	8	#5	8'-9"	—
					W3	5	#5	24'-6"	—
s	44	#5	7'-5"	⊐	Reinforcement Bars			Lbs.	6910
					Class X Concrete			Cu. Yds	67.6
t	26	#4	7'-9"	—	Concrete Removal			Cu. Yds.	2
t1	26	#5	7'-9"	—	Exp. Bolts ¾" ϕ			Ea.	56
t2	24	#6	6'-3"	—	Untreated Piles			Lin. Ft.	380
					Test Pile Timber			Ea.	1

DESIGNED	J. M. Patel
CHECKED	V.B. N.
DRAWN	Bev Robinson
CHECKED	B.R.

Nov. 24 19 71
EXAMINED
PASSED
APPROVED
DIVISION OF HIGHWAYS BRIDGE AND TRAFFIC STRUCTURES
DIVISION OF DESIGN
CHIEF HIGHWAY ENGINEER

NORTH ABUTMENT DETAILS
S.B.I. RT. 89 SEC. 102-BR
LEE COUNTY
STA. 489+50

K & E CO. 10-1288