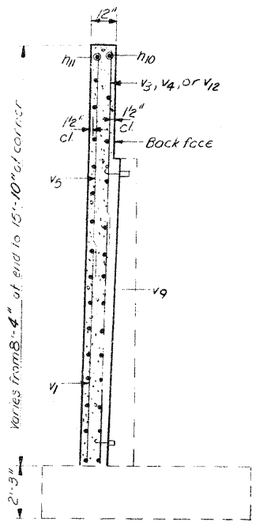
EXISTING STRUCTURE PLANS
(FOR REFERENCE ONLY)

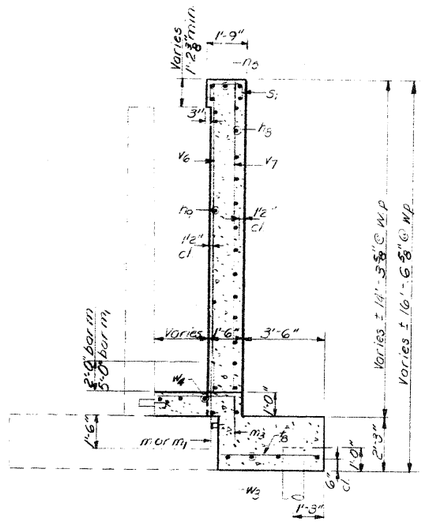
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... 27	102BR	LEE	10	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT.		

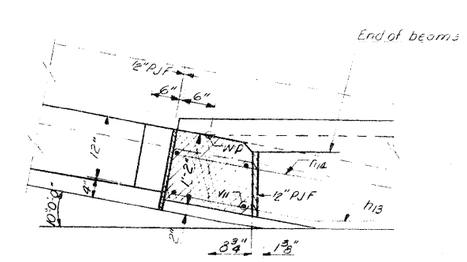
SHEET NO. 8
8 SHEETS



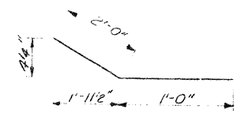
SECTION E-E



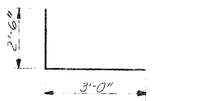
SECTION F-F



DETAIL B

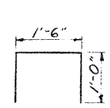


BAR h13

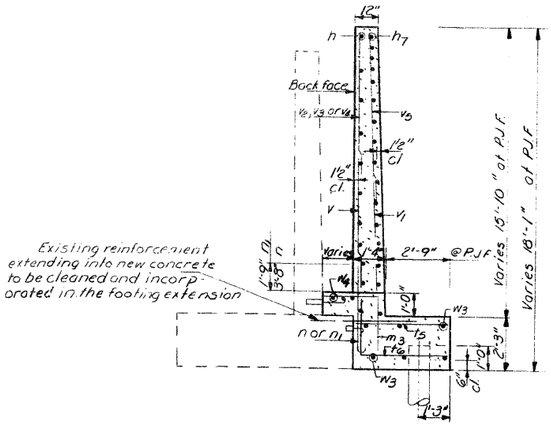


BAR m13

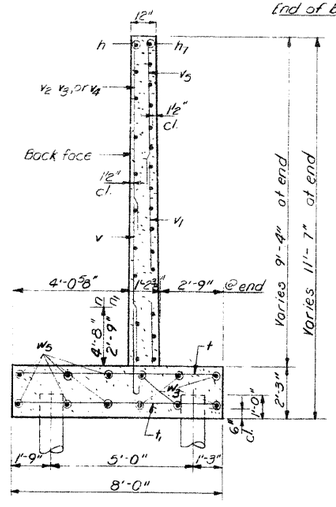
BAR t6



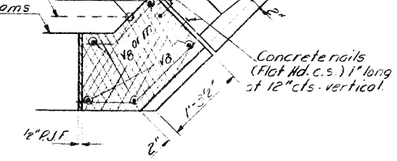
BARS1



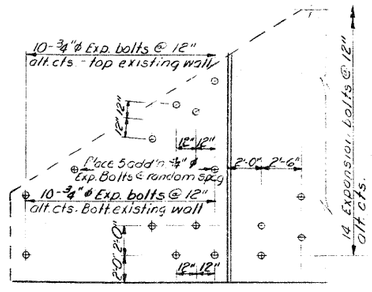
SECTION G-G



SECTION H-H



DETAIL C



EXPANSION BOLT PLACEMENT - S.W. CORNER

SOUTH ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
h	10	#4	18'-0"		h1	12	#5	7'-9"	
h1	18	#4	3'-0"		t4	14	#5	5'-3"	
h2	10	#4	2'-0"		t5	13	#4	3'-9"	
h3	5	#5	28'-0"		t6	13	#7	5'-0"	
h4	5	#5	17'-0"		t8	6	#6	5'-0"	
h7	16	#5	18'-0"						
h8	14	#5	8'-3"						
h9	6	#4	6'-9"		V	19	#7	6'-3"	
h10	14	#4	15'-3"		V1	11	#4	16'-0"	
h11	16	#5	15'-3"		V2	7	#5	6'-3"	
h12	14	#5	5'-6"		V3	11	#5	7'-3"	
h13	18	#4	3'-0"		V4	11	#5	9'-6"	
h14	10	#4	2'-9"		V5	4	#4	5'-0"	
					V6	6	#6	13'-1"	
m	8	#8	4'-6"		V7	3	#4	13'-1"	
m1	5	#8	7'-6"		V8	5	#6	14'-6"	
					V9	10	#6	7'-3"	
m4	5	#5	2'-6"		V10	6	#4	14'-0"	
m13	16	#6	5'-6"		V11	4	#5	15'-6"	
					V12	6	#5	8'-0"	
n	24	#6	7'-1"						
n1	19	#8	5'-5"		W3	6	#5	24'-6"	
					W4	3	#5	10'-0"	
S1	44	#5	3'-6"		W5	6	#5	10'-9"	
					W6	4	#5	9'-3"	
t	12	#4	7'-9"		W7	10	#5	5'-9"	
Concrete Removal			Cu Yds	3	Class X Concrete			Cu Yds	46.3
Untreated Piles			Lin Ft	280	Expansion Bolts ¾"ø			Ea	99
Reinforcement Bars			Lbs	4330					

DESIGNED	J. M. Patel
CHECKED	
DRAWN	Bev Robinson
CHECKED	

Nov. 24 19
EXAMINED
PASSED W. C. Baumann
APPROVED Richard H. Hottenman

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

FILE NAME = c:\pw_work\pwidot\grantpm\dms41812\D2-sht-typical.dgn	USER NAME = grantpm	DESIGNED -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = Thu Jul 14 10:19:56 2011	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	*	LEE	216	159
		CONTRACT NO. 64D57		
		ILLINOIS	FED. AID PROJECT	

• 102BR-5, 102BR-6, & 102BR-7