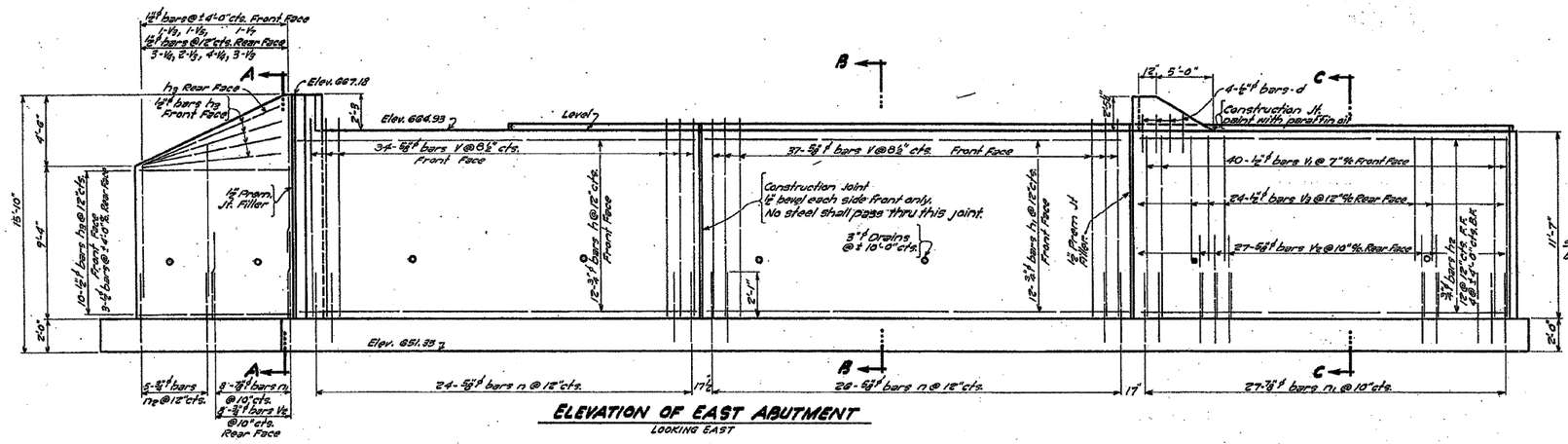
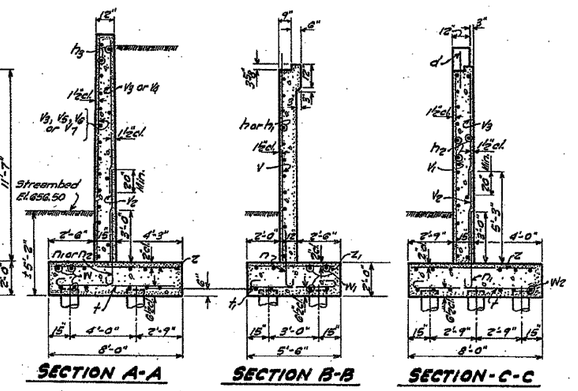
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

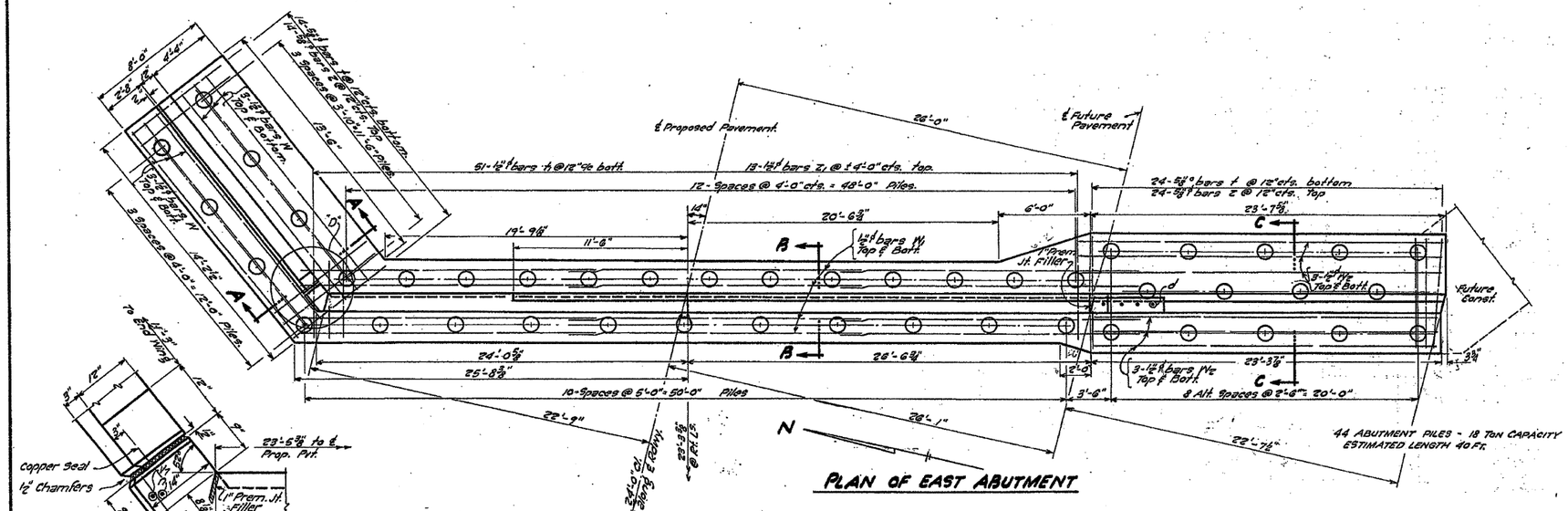
ROAD DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 7	31-1B	Lee Whiteside	29	3
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 2
3 SHEETS

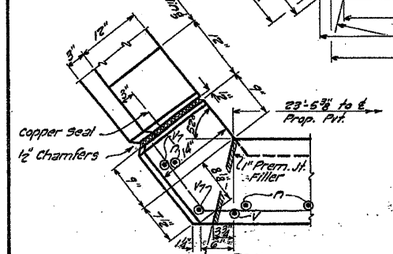


ELEVATION OF EAST ABUTMENT
LOOKING EAST

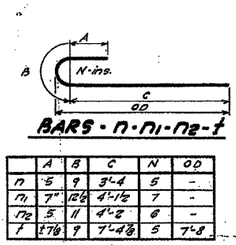




PLAN OF EAST ABUTMENT

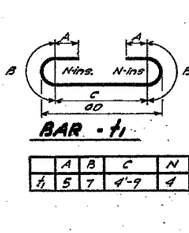


DETAIL "D"



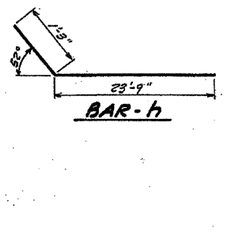
BARS - n - n1 - n2 - t

	A	B	C	N	OD
n	5	9	3'-4	5	-
n1	7"	12½	4'-1½	7	-
n2	5	11	4'-2	6	-
t	±7⅛	9	7'-4⅞	5	7'-8



BAR - t1

	A	B	C	N	OD
t1	5	7	4'-9	4	5'-2



BAR - h

NOTE:
The backs of abutments & wing walls above the tops of the footings shall be waterproofed in accordance with Article 511.20 of the Standard Specifications.

EAST ABUTMENT
BILL OF MATERIAL

BAR	NO	SIZE	LENGTH	SHAPE
h	12	3/4"	25'-0"	
h1	12	3/4"	26'-3"	
h2	16	3/4"	23'-6"	
h3	18	1/2"	11'-9"	
V	71	5/8"	12'-6	
V1	40	1/2"	11'-6	
V2	35	5/8"	5'-3"	
V3	30	1/2"	9'-3"	
V4	7	1/2"	8'-3"	
V5	1	1/2"	11'-3"	
V6	3	1/2"	13'-0"	
n	51	5/8"	4'-6"	
n1	35	7/8"	5'-3"	
n2	5	3/4"	5'-6"	
t	38	5/8"	8'-3"	
t1	51	1/2"	6'-9"	
Z	38	5/8"	7'-6"	
Z1	13	1/2"	5'-0"	
W	12	1/2"	13'-6"	
W1	24	1/2"	19'-3"	
W2	12	1/2"	23'-0"	
d	4	1/2"	1'-6"	
Class X Concrete			Cu.Yds. 84.3	
Reinforcement Bars			Lbs. 5560	
Untreated Piles (40'ft)			Lin. Ft. 1720	
Test Piles			Ea. 1	
Class A Excav. for Str:			Cu. Yds. 70	
Class B Excav. for Str:			Cu. Yds. 237	

STANDARD	COMPUTED	George T. Flasher	EXAMINED	June 24 1954
	CHECKED	W. Zimmermann		W. E. Hanson
	DRAWN	Wm. Oehmke	PASSED	
	CHECKED	W. Zimmermann	APPROVED	R. H. Baxter
SPECIAL	ASSEMBLED			
	CHECKED			

FOR INFORMATIONAL PURPOSES ONLY

⚠ SHEET ADDED 10/23/09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
561	31-1BR-1 & 31-1BR-2	LEE	92	92B
		CONTRACT NO. 64B05		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		