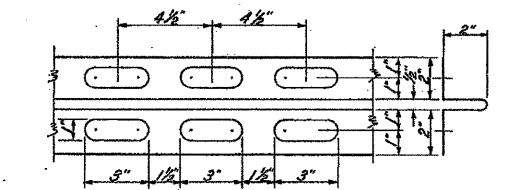
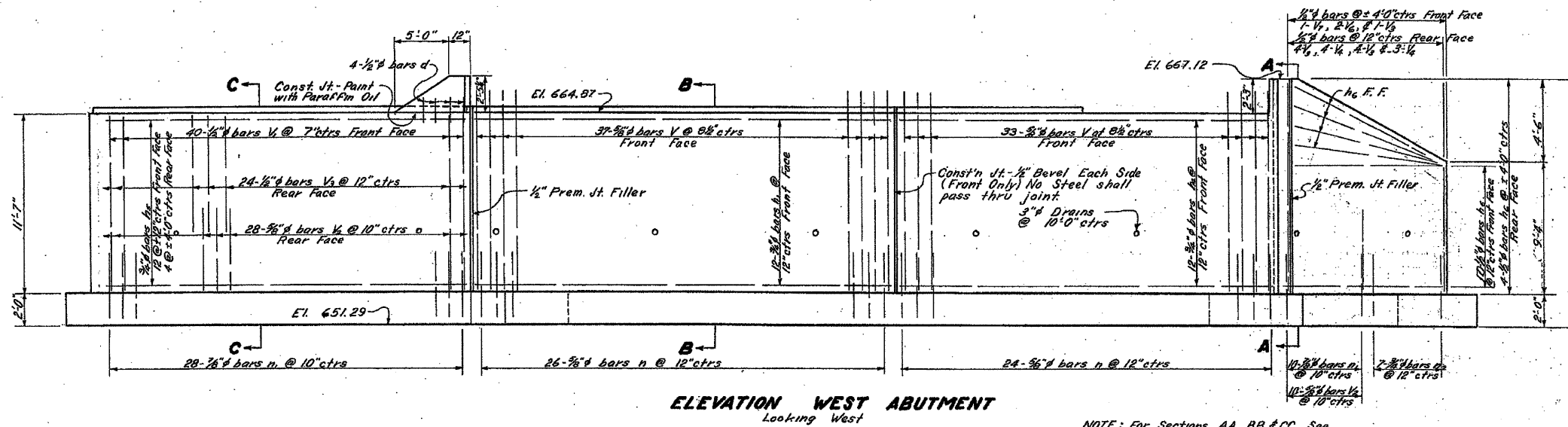
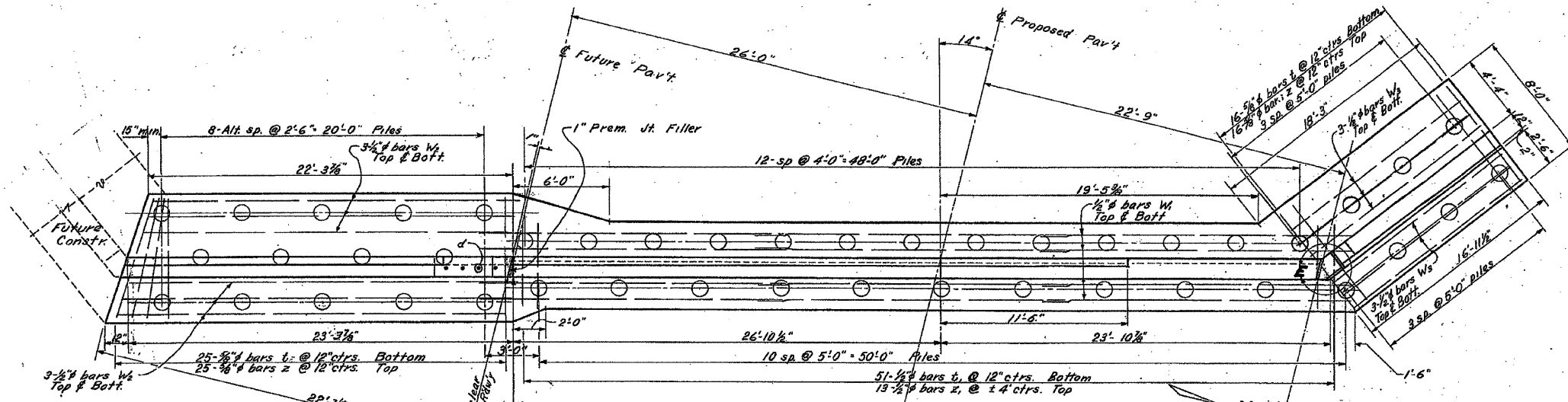


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROAD DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 3
FA-7	31-1B	Lee Whiteside	29	4	3 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			



Copper Seal shall be 16 Oz. Cold Rolled Annealed Copper with perforated Flanges. Splices, if necessary, shall be soldered or brazed. Cost shall be included in contract unit price for Class X Concrete.



**WEST ABUTMENT  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
h <sub>1</sub>	12	3/8"	26'-3"	—
h <sub>2</sub>	12	3/8"	24'-6"	—
h <sub>3</sub>	16	3/8"	23'-0"	—
h <sub>4</sub>	18	1/2"	15'-3"	—
V	70	3/8"	12'-6"	—
V <sub>1</sub>	40	1/2"	11'-6"	—
V <sub>2</sub>	38	3/8"	5'-3"	—
V <sub>3</sub>	33	1/2"	9'-3"	—
V <sub>4</sub>	7	1/2"	8'-3"	—
V <sub>5</sub>	3	1/2"	18'-0"	—
V <sub>6</sub>	2	1/2"	12'-0"	—
n	51	3/8"	4'-6"	C
n <sub>1</sub>	38	3/8"	5'-9"	C
n <sub>2</sub>	7	3/8"	8'-6"	C
b	41	3/8"	8'-9"	C
b <sub>1</sub>	51	1/2"	6'-9"	C
z	41	3/8"	7'-6"	—
z <sub>1</sub>	13	1/2"	5'-0"	—
W <sub>1</sub>	24	1/2"	19'-3"	—
W <sub>2</sub>	12	1/2"	23'-0"	—
W <sub>3</sub>	12	1/2"	16'-6"	—
d	4	1/2"	1'-6"	—

Class X Concrete	Cu.Yds.	88.4
Reinforcement Bars	Lbs.	5700
Untreated Piles (40 FT)	Lm.Ft.	1720
Test Piles	Ea.	1
Class A Excer. for Str.	Cu.Yds.	170
Class B Excer. for Str.	Cu.Yds.	230

\*Classification line Elevation 657.50

COMPUTED	<i>James D. Walker</i>	EXAMINER	June 24 1954
CHECKED	<i>W. E. Hanson</i>	W. E. Hanson	SENIOR ENGINEER
DRAWN	<i>C. S. Cole</i>	PASSED	<i>[Signature]</i>
CHECKED	<i>W. E. Hanson</i>	APPROVED	<i>R. L. Bantelmeier</i>
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	92C
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64B05	