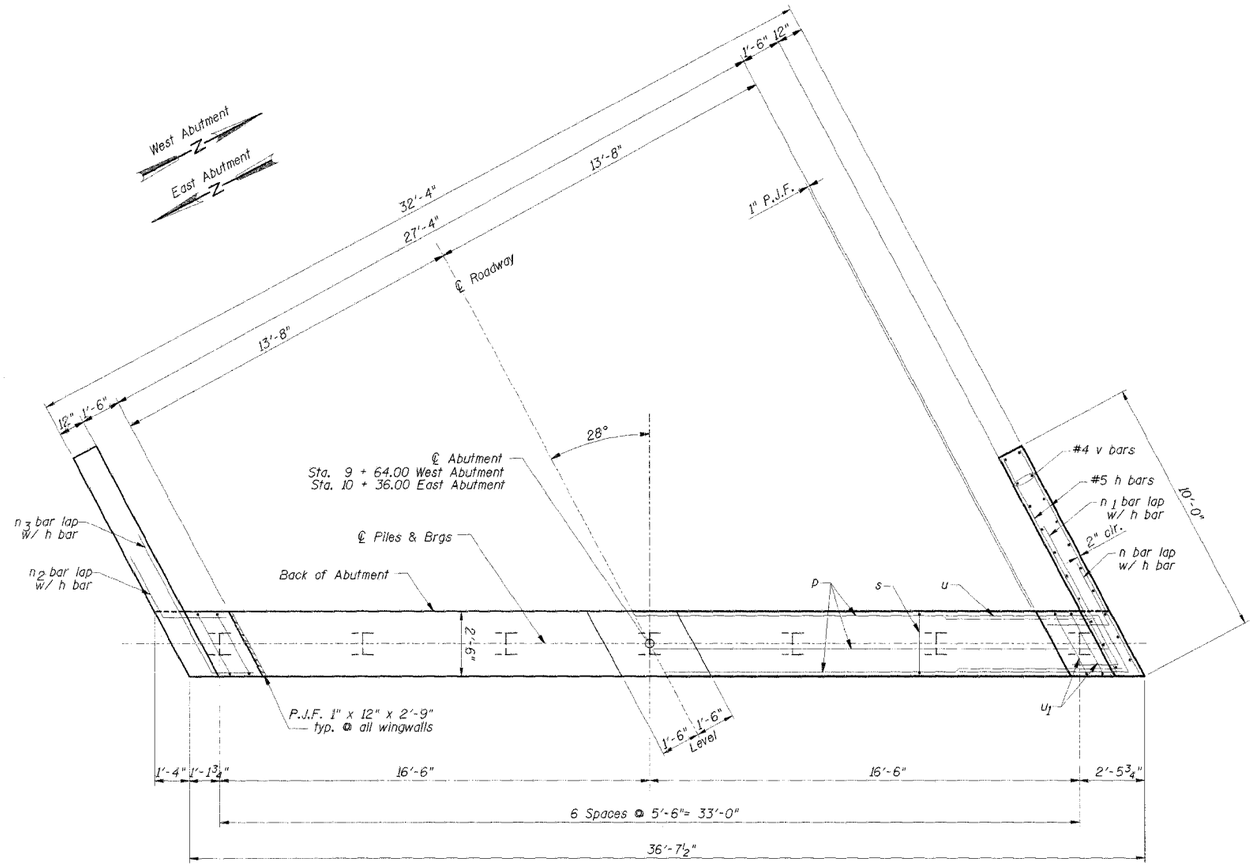
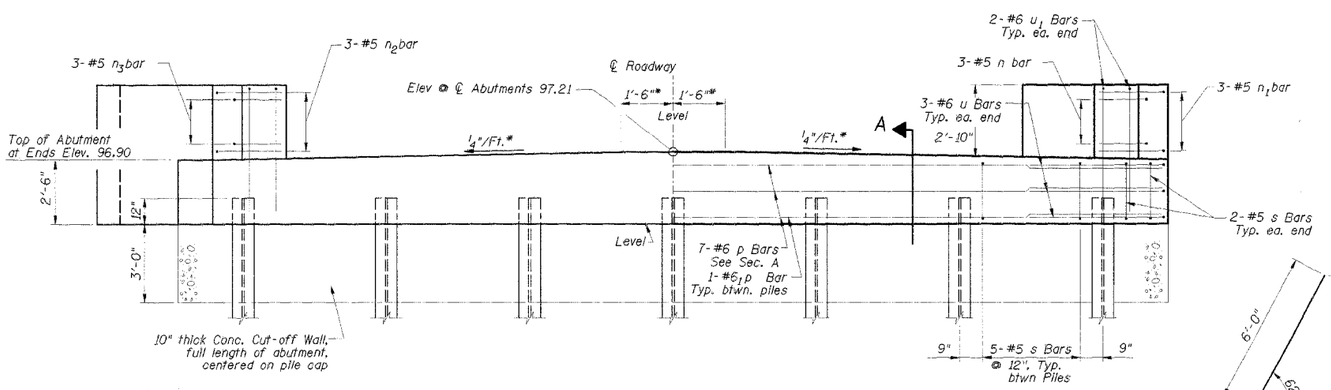
CONTRACT #91324

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 135	*	Vermilion	8	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

*00-15132-00-BR



TOP PLAN



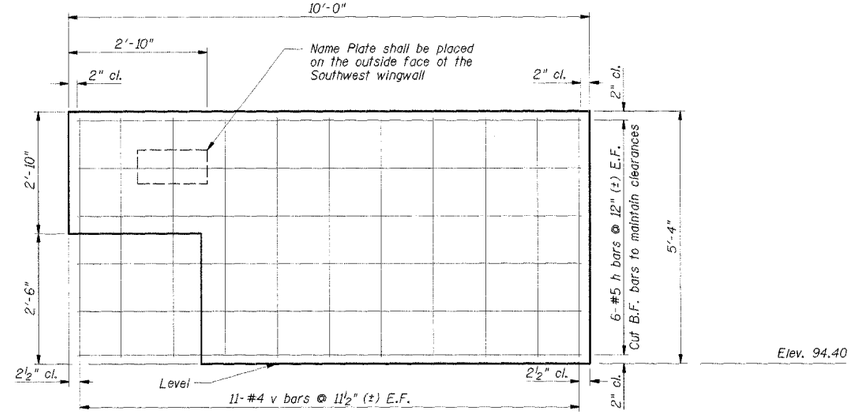
ELEVATION

* Normal to ℄ Roadway

PILE DATA

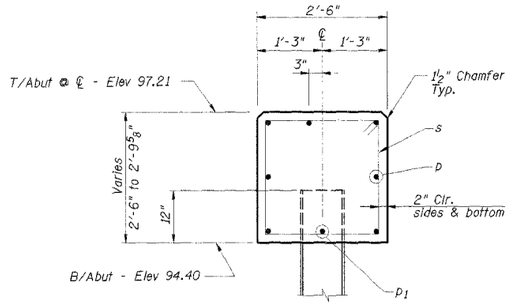
Type:	Steel HP 10 x 42
No. Required:	6 East Abutment 6 West Abutment
Capacity:	30.0 T/Pile @ East Abutment 30.0 T/Pile @ West Abutment
Est. Length:	36 Ft. E. Abutment 36 Ft. W. Abutment
Test Piles:	1 East Abutment 1 West Abutment

NOTE: All edges shall have Standard ¾" Chamfer, except as noted.

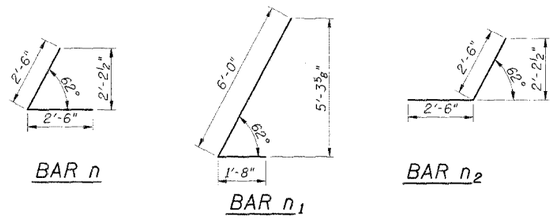


WINGWALL ELEVATION

Wingwalls shall be poured after beams are in place



SECTION A



BILL OF MATERIAL - 2 ABUTS.

Bar	No.	Size	Length	Shape
h	48	#5	9'-8"	
n	12	#5	5'-0"	
n1	12	#5	7'-8"	
n2	12	#5	5'-0"	
n3	12	#5	7'-10"	
p	28	#6	20'-0"	
p1	12	#6	5'-0"	
s	68	#5	9'-1"	
u	12	#6	12'-4"	
u1	8	#6	11'-10"	
v	88	#4	5'-0"	

Concrete Structures	Cu. Yds.	26.7
Reinforcement Bars	Lbs.	3070
Furnishing Steel Piles, HP10x42	Foot	432
Driving Steel Piles	Foot	432
Test Pile, Steel HP10x42	Each	2
Metal Shoes	Each	12
Name Plate	Each	1
Concrete Cut-off Wall	Cu. Yds.	6.8
Structure Excavation	Cu. Yds.	147

DSGN	P.J. Wagner				
DR	R.J. Wagner				
CHK	K.E. Brandau				
APVD	K.E. Brandau	NO.	DATE	REVISION	BY APVD

FRAUENHOFFER
Frauenhoffer and Associates, P.C. Consulting Engineers
3002 Crossing Court Champaign, Il. 61822 217-351-6268

ABUTMENTS
PILOT ROAD DISTRICT
SECTION 00-15132-00-BR
VERMILION COUNTY

SHEET 5
DWG NO. pilt-abt.dgn
DATE SEP 2004
PROJ NO. 20054