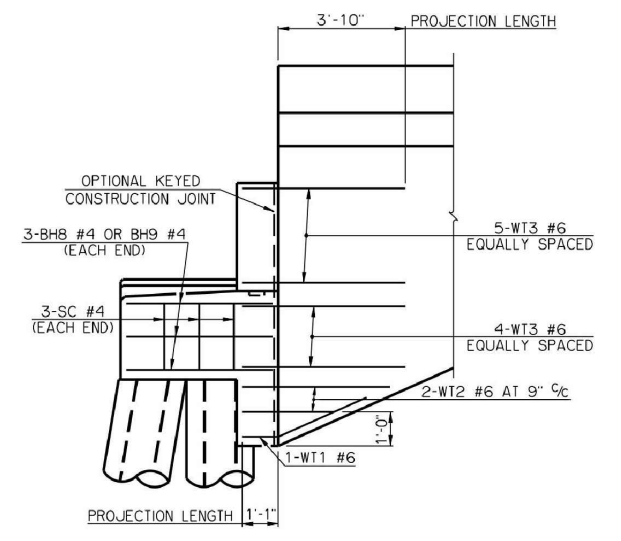
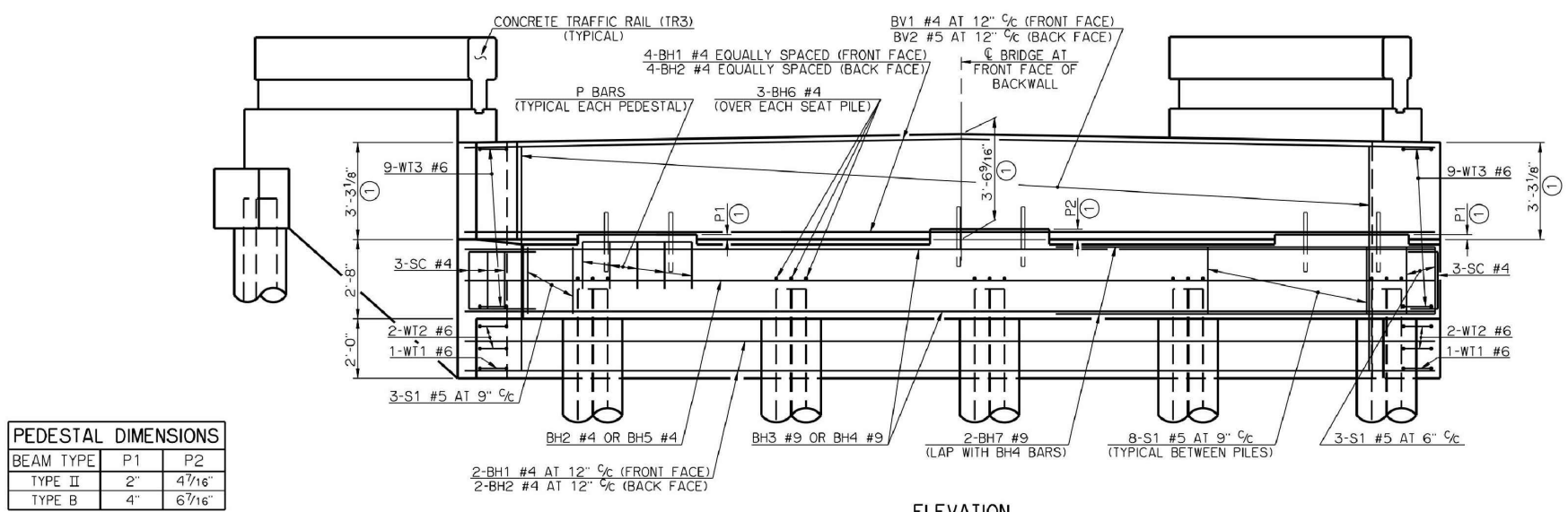


SPAN	MAXIMUM FACTORED PILE LOAD
30'	55.9 TON
35'	59.2 TON
40'	62.2 TON
45'	64.9 TON
50'	67.6 TON
55'	70.1 TON
60'	72.6 TON



SIDE VIEW



BEAM TYPE	P1	P2
TYPE II	2"	4 1/16"
TYPE B	4"	6 7/16"

SUMMARY OF QUANTITIES - ONE ABUTMENT ③		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION, COMMON	CY	65.00
CLSM BACKFILL	CY	44.00
CLASS A CONCRETE	CY	23.80
REINFORCING STEEL	LB	3,110.00
PILES, FURNISHED (HP 12X53)	LF	-
PILES, DRIVEN (HP 12X53)	LF	-
6" PERFORATED PIPE UNDERDRAIN	LF	30.00
6" NON-PERFORATED PIPE UNDERDRAIN	LF	-

- ① DIMENSIONS ARE FROM TOP OF BRIDGE SEAT AT FRONT FACE OF BACKWALL.
- ② ALL WT WING REINFORCING STEEL TIED TO THE ABUTMENT BRIDGE SEAT, BACKWALL AND CURTAIN WALL REINFORCING STEEL MUST BE IN PLACE PRIOR TO POURING ABUTMENT CONCRETE. FOR ADDITIONAL INFORMATION SEE WING DETAILS.
- ③ EXCLUDES WINGS

WALNUT CREEK CARTER COUNTY

### ABUTMENT DETAILS

JOB PIECE NO. 28448(04) SHEET NO. B004