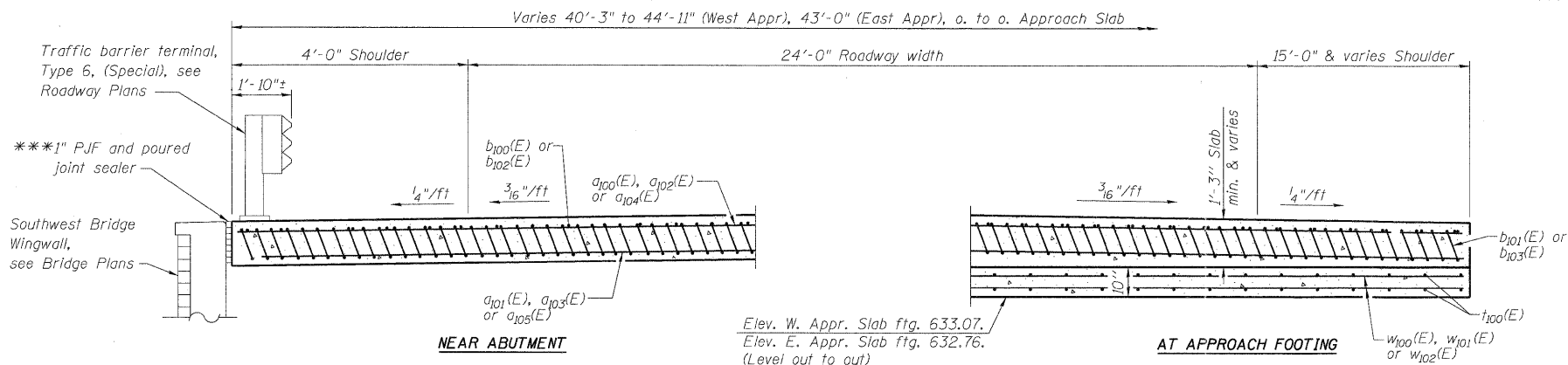


Notes:
 See sheet 13 of 24 for Detail A.
 Approach slab shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) bar details, see sheet S10 of 24.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet 22 of 24.
 Cost of excavation for approach footing included with Concrete Structures.
 For Porous Granular Embankment, Special and drainage treatment details, see sheet 3 of 24.

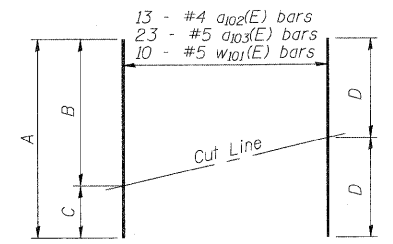
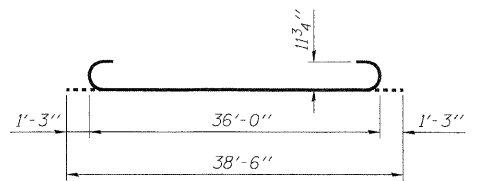
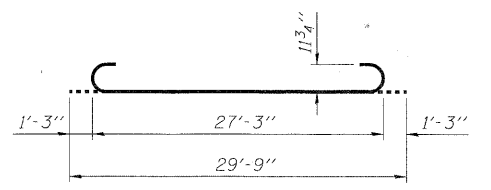
* Tilt #9 b101(E) bars as required to maintain clearance.
 *** Cost included with Concrete Superstructure.



Elev. W. Appr. Slab fig. 633.07.
 Elev. E. Appr. Slab fig. 632.76.
 (Level out to out)

SECTION D-D
 (See Plan for dimensions not shown)

MIN BAR LAP
 #4 bar = 2'-1"
 #5 bar = 2'-7"

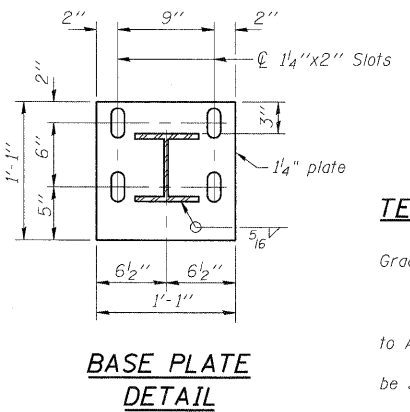
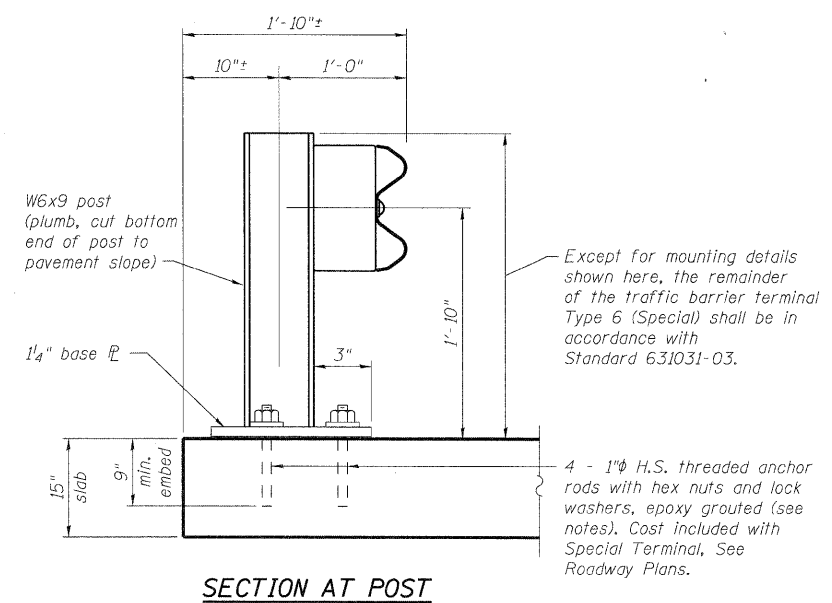


FIELD CUTTING DIAGRAM
 Order a102(E), a103(E) & w101(E) full length. Cut as shown and use remainder of bars to finish slab.

Dim.	a102(E)	a103(E)	w101(E)
A	40'-0"	29'-0"	33'-0"
B	22'-4"	16'-10"	17'-4"
C	17'-8"	12'-2"	15'-8"
D	20'-0"	14'-6"	16'-6"

**TWO APPROACHES
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a100(E)	25	#4	24'-0"	—
a101(E)	46	#5	30'-0"	—
a102(E)	13	#4	39'-11"	—
a103(E)	23	#5	28'-11"	—
a104(E)	32	#4	42'-8"	—
a105(E)	59	#5	42'-8"	—
b100(E)	36	#4	29'-8"	—
b101(E)	108	#9	29'-9"	—
b102(E)	35	#4	38'-8"	—
b103(E)	103	#9	38'-6"	—
b104(E)	4	#5	8'-8"	—
t100(E)	168	#4	9'-6"	—
w100(E)	40	#5	26'-0"	—
w101(E)	20	#5	32'-10"	—
w102(E)	40	#5	42'-8"	—
Bridge Deck Grooving		Sq. Yd.	327	
Concrete Superstructure		Cu. Yd.	151.7	
Concrete Structures		Cu. Yd.	25.6	
Protective Coat		Sq. Yd.	327	
Reinforcement Bars, Epoxy Coated		Pound	37090	



**DETAILS FOR TRAFFIC BARRIER
 TERMINAL, TYPE 6 (SPECIAL)**

TERMINAL NOTES:

Steel shapes and plates shall conform to the requirements of AASHTO M 270, Grade 36 except posts shall conform to AASHTO M 270, Grade 50.
 Threaded rods, nuts and washers shall conform to AASHTO M 164.
 All nuts and lock washers shall be galvanized according to AASHTO M 232.
 All posts and anchor rods shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385.
 Provide one 1/8" and two 1/4" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.
 The Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department.
 The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge shall be sealed with premeasured amounts of the adhesive chemical.
 Nuts for 1" threaded anchor rods connecting the base plate to the concrete shall be tightened to a snug fit and given an additional 1/2 turn.