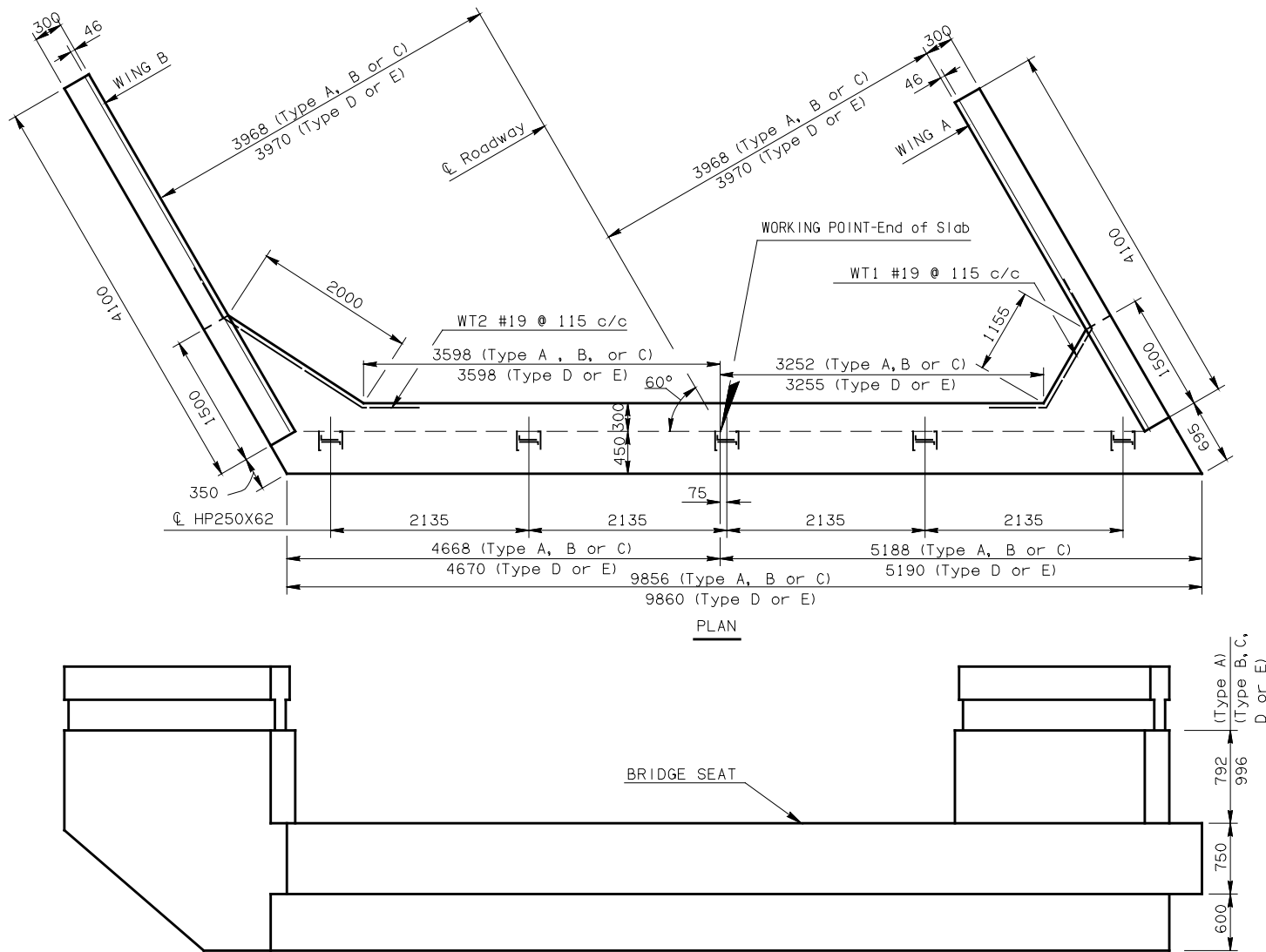
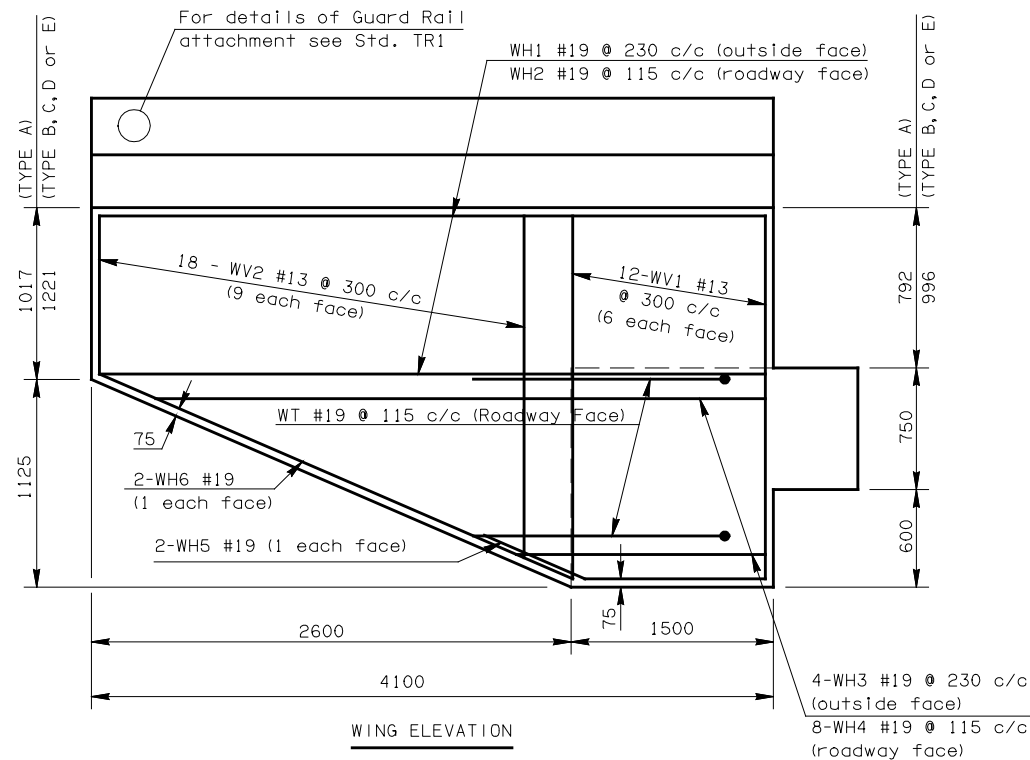




Traffic Rail: SR5 bars shall be in place and tied before wingwalls are poured

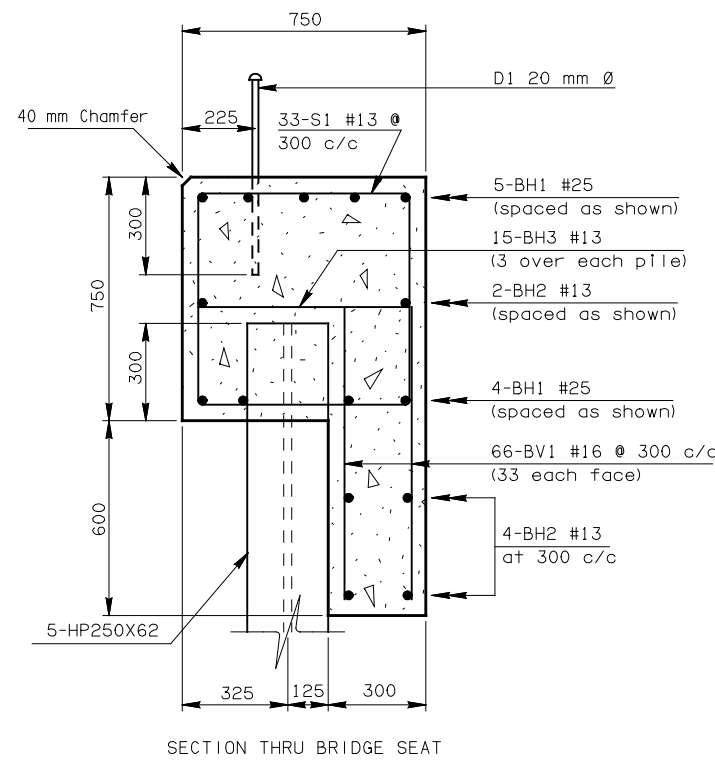
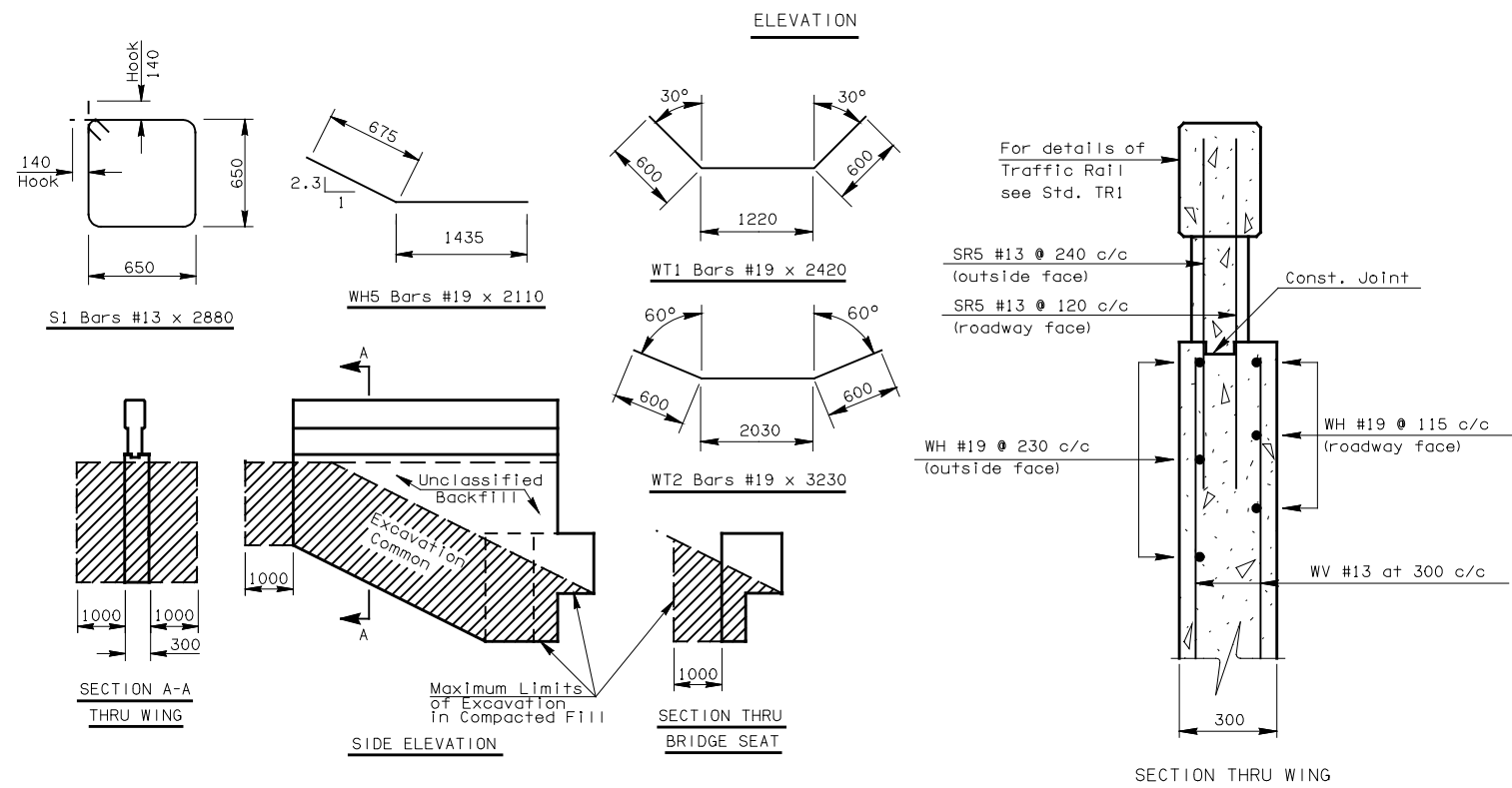


QUANTITIES - ONE ABUTMENT			
ITEM	UNIT	TYPE A	TYPE B, C, D or E
Unclassified Backfill	m ³	11	16
Substr. Excav. Common	m ³	53	56
Concrete Rail	m	8.2	8.2
Class A Concrete	m ³	13.0	13.5
Reinforcing Steel	kg	1425	1490

BAR LIST - ONE ABUTMENT TYPE A				
MARK	NO.	SIZE	SHAPE	LENGTH
BH1	9	#25	Str.	9760
BH2	6	#13	Str.	9760
BH3	15	#13	Str.	650
BV1	66	#16	Str.	925
D1	20	20mm	Str.	600
S1	33	#13	Bnt.	2880
SR5	106	#13	Str.	1085
WH1	10	#19	Str.	4000
WH2	18	#19	Str.	4000
WH3	8	#19	Str.	2755 Avg.
WH4	16	#19	Str.	2885 Avg.
WH5	4	#19	Bnt.	2110
WH6	4	#19	Str.	2785
WT1	10	#19	Bnt.	2420
WT2	10	#19	Bnt.	3230
WV1	24	#13	Str.	2020
WV2	36	#13	Str.	1420 Avg.

BAR LIST - ONE ABUTMENT TYPE B, C, D or E				
MARK	NO.	SIZE	SHAPE	LENGTH
BH1	9	#25	Str.	9760
BH2	6	#13	Str.	9760
BH3	15	#13	Str.	650
BV1	66	#16	Str.	925
D1	20	20mm	Str.	600
S1	33	#13	Bnt.	2880
SR5	106	#13	Str.	1085
WH1	12	#19	Str.	4000
WH2	22	#19	Str.	4000
WH3	8	#19	Str.	2755 Avg.
WH4	16	#19	Str.	2885 Avg.
WH5	4	#19	Bnt.	2110
WH6	4	#19	Str.	2785
WT1	10	#19	Bnt.	2420
WT2	10	#19	Bnt.	3230
WV1	24	#13	Str.	2220
WV2	36	#13	Str.	1625 Avg.

- ① Smooth Dowels with Metal Expansion Cap, spaced as Shown on Std. TTBI.
② Varies from 1955 TO 3555
③ Varies from 1955 to 3815
④ Varies from 900 to 1940
⑤ Varies from 1105 to 2145
⑥ 20 - Type B or C
19 - Type D or E



FOUNDATION LOAD	
SPAN LENGTH (m)	AVERAGE LOAD (kN/pile)
6	190
8	230
10	250
12	280
14	300
16	330