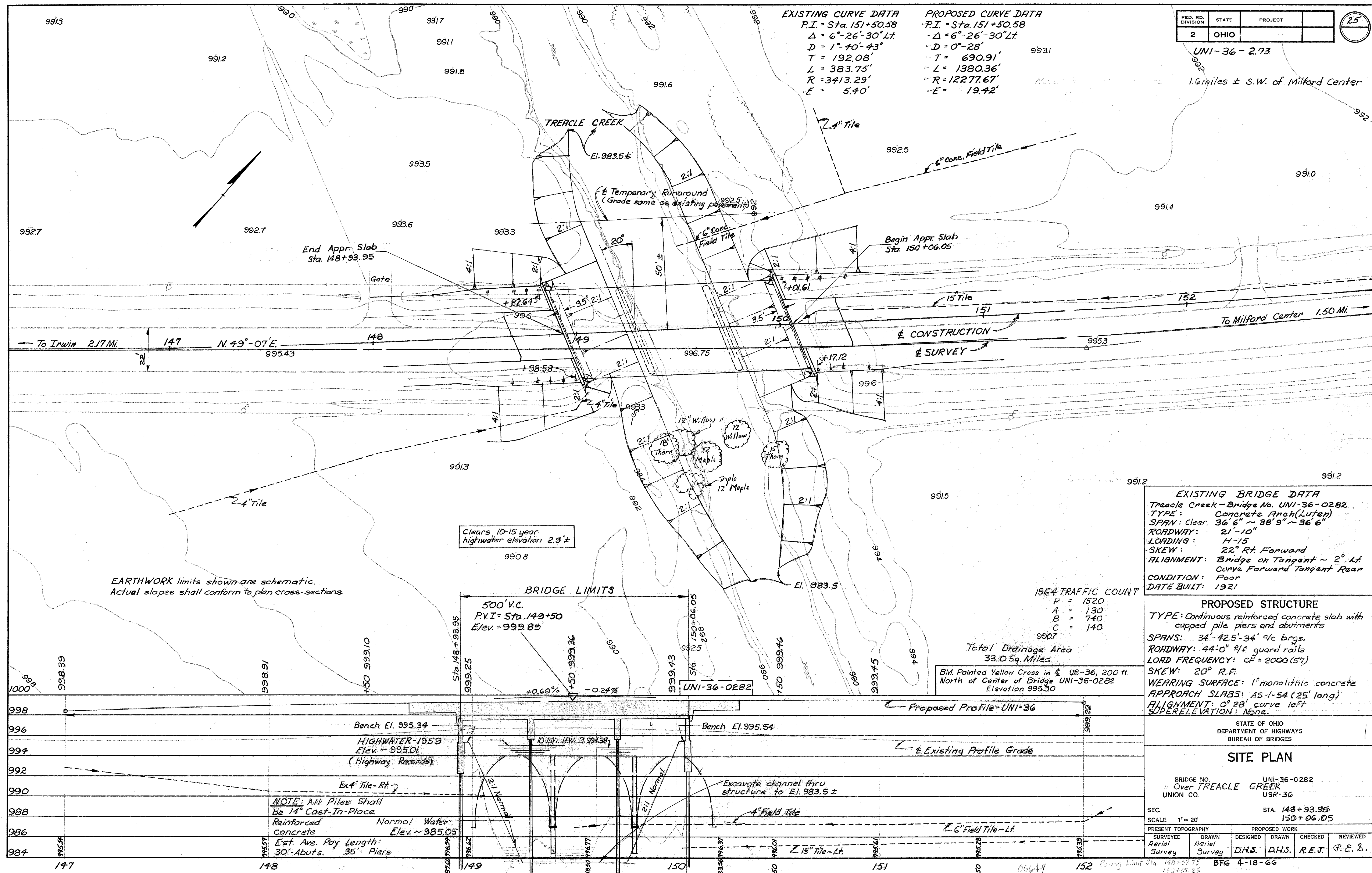




GENERAL NOTES

REFERENCE shall be made to Standard Drawings CS-1-65, dated 6-1-65, A-1-54, revised 11-8-65, P-1-54, revised 11-8-65, and to Supplemental Specifications 808, dated 2-7-66, and 825, dated 4-22-65.

DESIGN DATA:

Design Loading - CF 2000 (57)
Concrete Class C - Basic unit stress 1,333 p.s.i.
Concrete Class E - Basic unit stress 1,133 p.s.i.
Reinforcing Steel - ASTM A15, A16, A160, Deformed, Intermediate or Hard Grade. Basic unit stress 20,000 p.s.i.

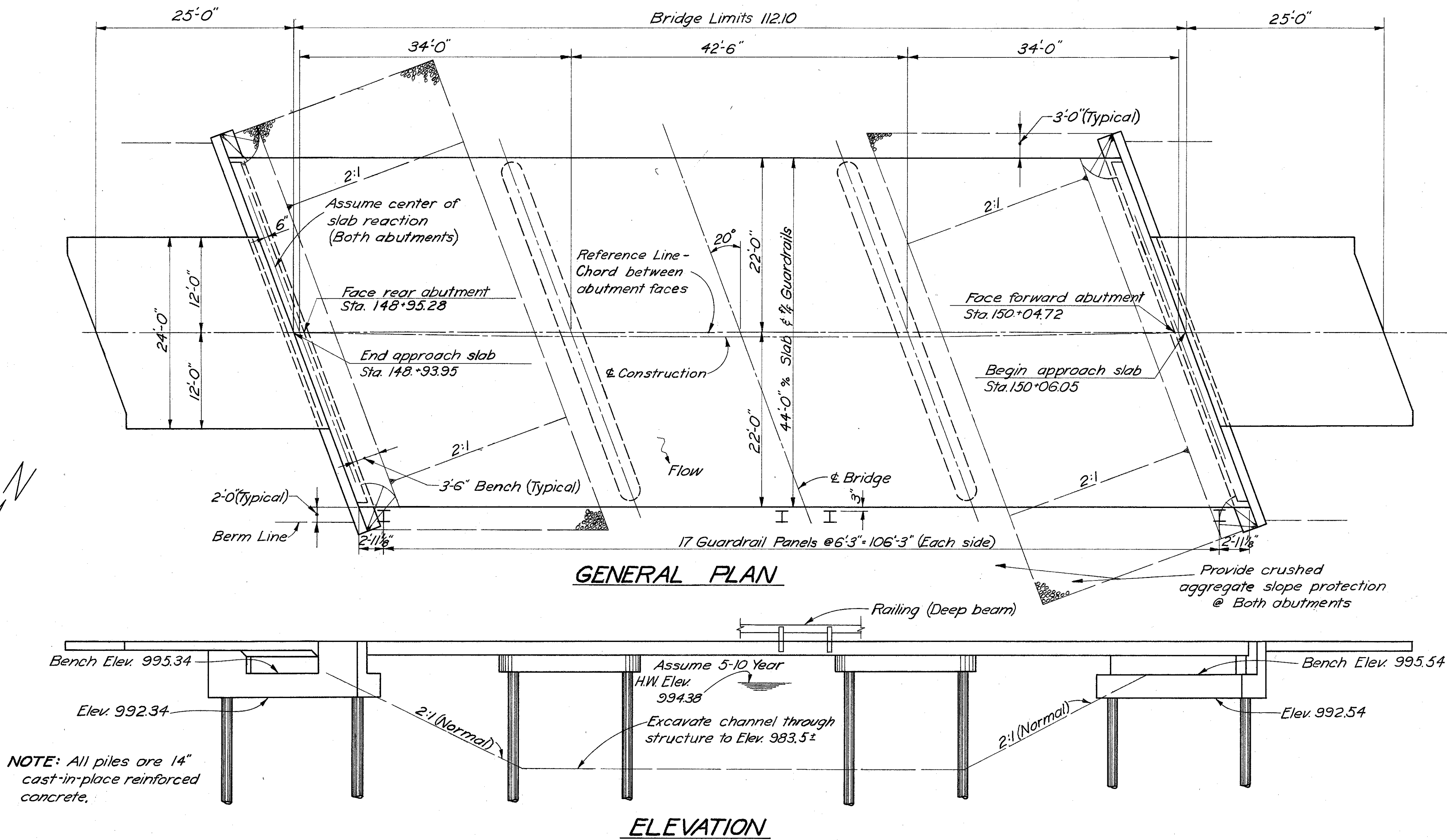
TEMPORARY RUN-AROUND, BRIDGE:
Load frequency for bridge, CF130, with unit stresses increased 25% as per the provisions for temporary bridges in the Design Specifications for Highway Structures. Bridge width shall be 24'.

REMOVAL OF EXISTING STRUCTURE:
When no longer need to maintain traffic, the existing structure shall be removed.

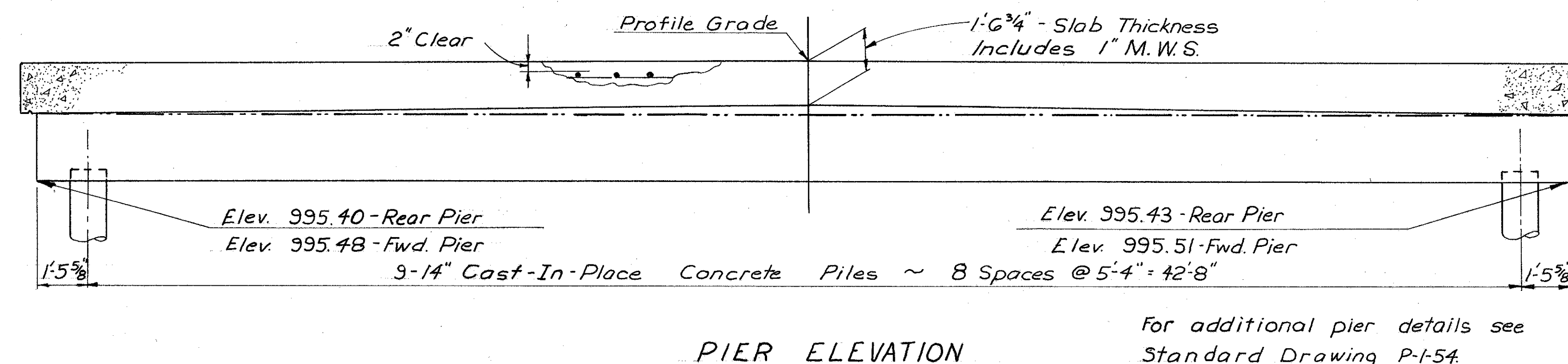
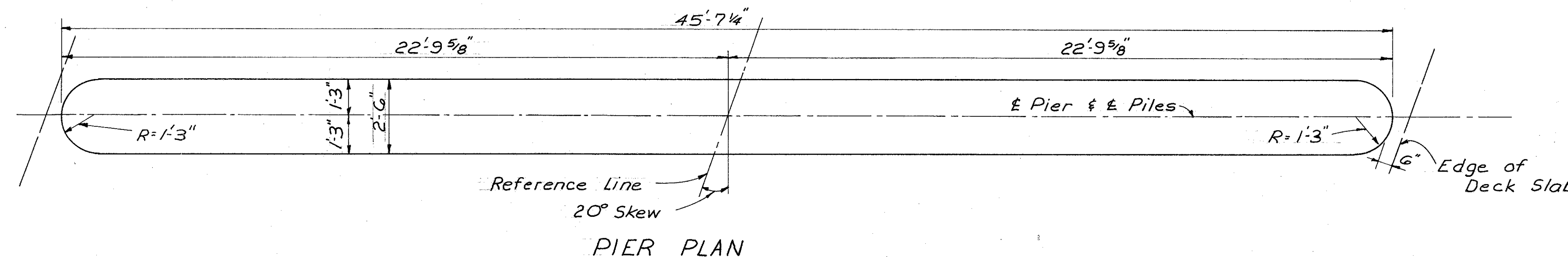
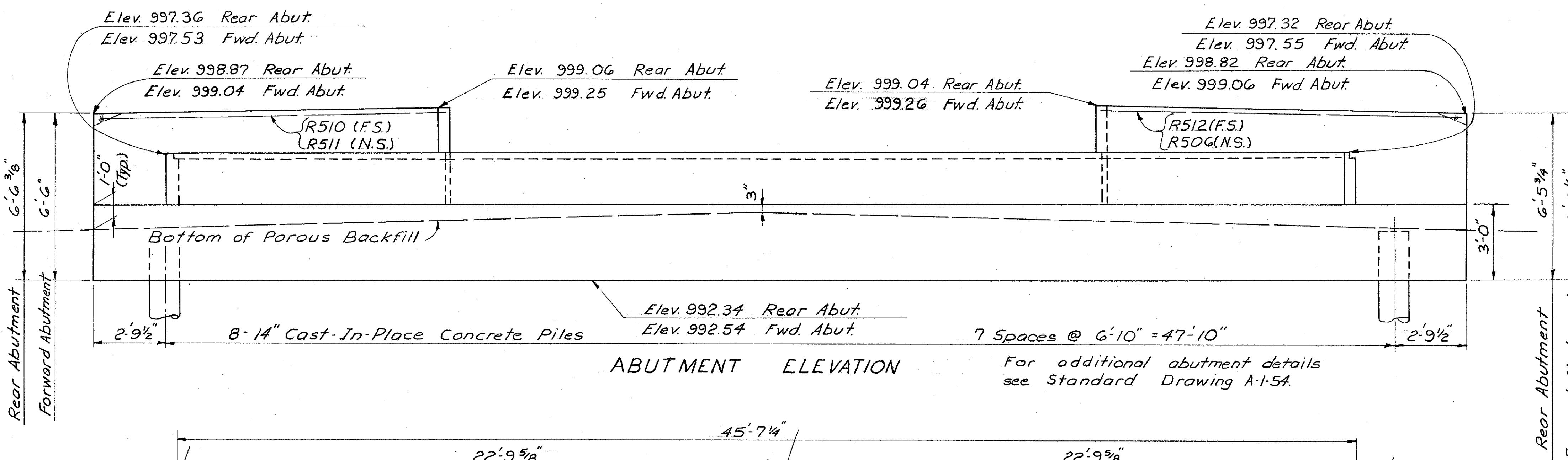
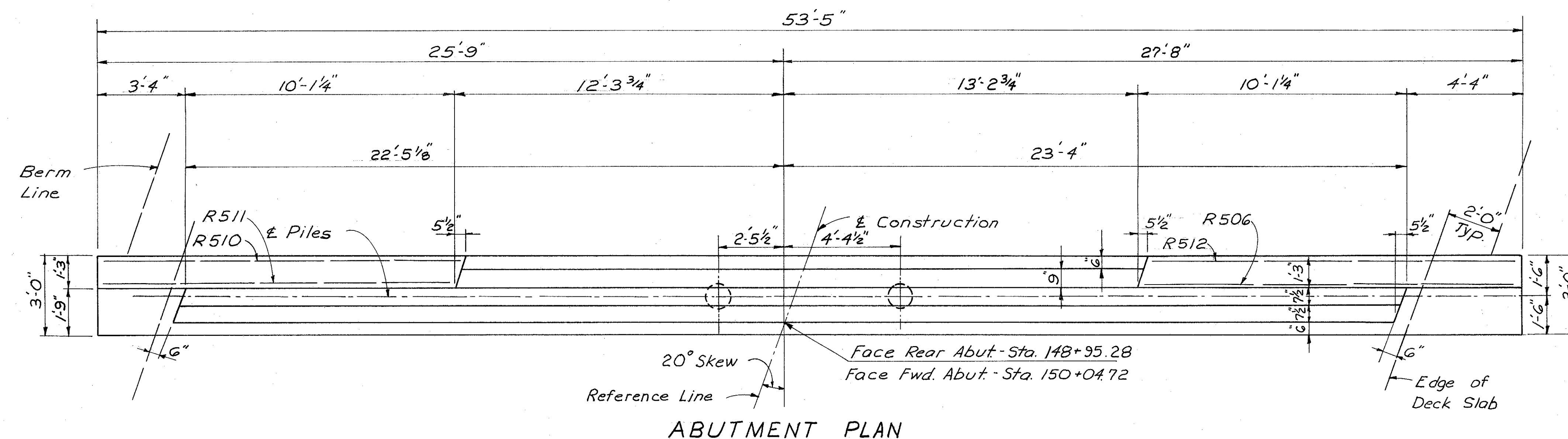
EXCAVATION QUANTITY for the abutments, in addition to that outlined in Sec.503.10, includes the removal of material bounded by the proposed bench, by the front vertical plane described in Sec. 503.10, and by the finished slope of the cut.

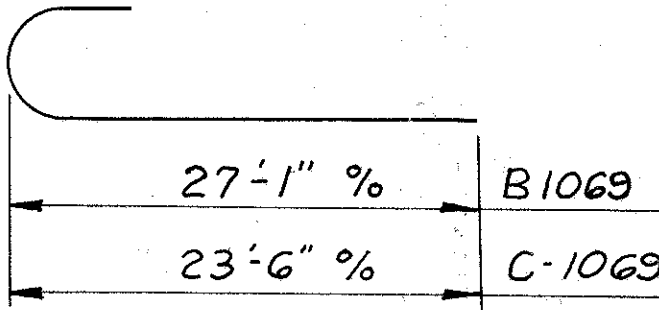
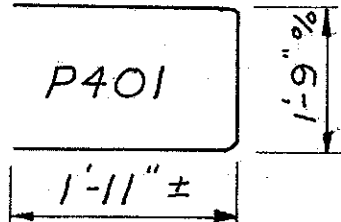
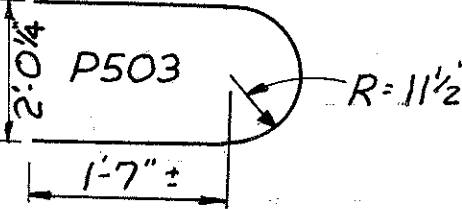
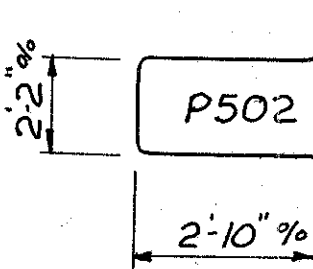
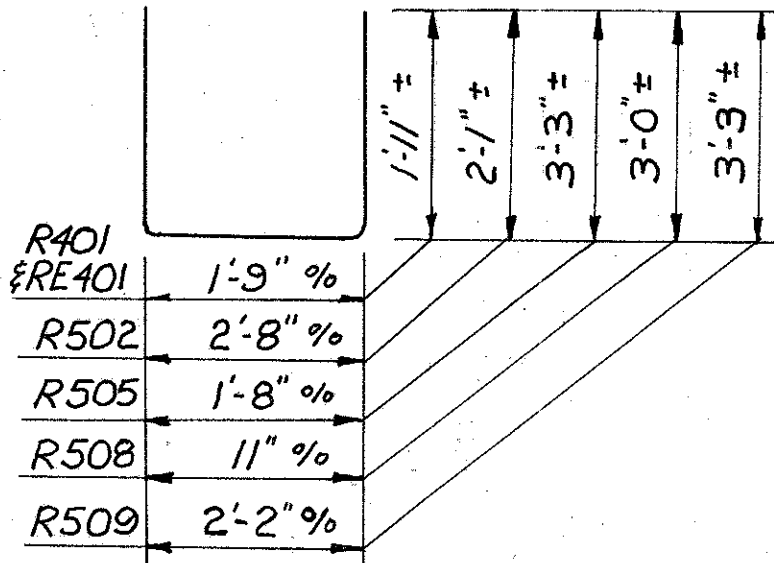
PILES shall be driven to a minimum bearing capacity of 30 tons per pile for the abutments, and 42 tons per pile for the piers.

PIER PILE ENCASEMENT as shown on Standard Drawing No. P-1-54 may be omitted provided that the tapered portion, if any, of all pier piles does not extend above the stream bed or the proposed surface of the ground. If the tapered portion of any pile extends above these limitations, the encasement will be required for all the pier piles. If the encasement is omitted, the pile casings shall have a thickness of metal not less than No.7 gauge, and the painting of the piles shall extend to low water elevation or, if the proposed surface of the ground is above low water, the painting shall extend to at least one foot below the proposed surface of the ground.



ESTIMATED QUANTITIES								
Item	Total	Unit	Description	Super.	Piers	Abuts	Gen'l	AS Built
202	Lump	Sum	Existing structure removed				Lump	
502	Lump	Sum	Temporary runaround bridge				Lump	
503	92	Cu. Yds.	Unclassified excavation			92		
505	Lump	Sum	First test pile				Lump	
507	1110	Lin. Ft.	14" cast-in-place reinforced concrete piles		630	480		
509	78,432	Lbs.	Reinforcing steel	67,750	4,790	5,892		
511	302	Cu. Yds.	Class C concrete, superstructure and pier caps	285	17			
511	56	Cu. Yds.	Class E concrete, abutments			56		
517	224.2	Lin. Ft.	Railing (Deep beam with steel posts and bolts)	224.2				
518	20	Cu. Yds.	Porous backfill			20		
601	371	Sq. Yds.	Crushed aggregate slope protection			371		
808	302	Units	Water-reducing, Set-retarding admixture	285	17			
825	587	Sq. Yds.	Concrete surface treatment	587				



REINFORCING STEEL LIST					BENDING DIAGRAMS	
MARK	NO.	LENGTH	WEIGHT	SHP		
Superstructure						
A1069	120	39'-4"	20,310	S		B1069
B1069	38	28'-6"	4,660	B		
C1069	40	24'-11"	4,289	B		C-1069
D1069	19	25'-10"	2,112	S		
E1069	20	18'-4"	1,578	S		
F1069	88	32'-10"	12,433	S		
G1069	42	17'-9"	3,208	S		
H1069	44	13'-4"	2,524	S		
M701	103	46'-4"	9,755	S		
J601	46	22'-1"	1,526	S		P401
K601	23	14'-0"	484	S		
N601	70	46'-4"	4,871	S		
Piers						
P1001	8	46'-4"	1,595	S		P503
P901	8	43'-4"	1,179	S		
P701	108	4'-0"	883	S		
P501	4	43'-4"	181	S		
P502	68	9'-0"	638	B		
P503	8	6'-4"	53	B		P502
P401	72	5'-5"	261	B		
Abutments						
R1001	16	24'-5"	1,681	S		R401
R801	16	27'-10"	1,189	S		R401
R501	16	27'-4"	456	S		R401
R502	156	6'-7"	1,071	B		R401
R503	8	23'-6"	196	S		R401
R504	24	5'-4"	134	S		R401
R505	34	7'-11"	280	B		R401
R506	2	14'-0"	29	S		R401
R507	16	5'-11"	99	S		R401
R508	28	6'-8"	195	B		R401
R509	28	8'-5"	246	B		R401
R510	2	13'-4"	28	S		R401
R511	2	13'-1"	27	S	R401	
R512	2	13'-8"	29	S	R401	
R401	64	5'-5"	232	B	R401	
Replacement Bars						
RE1001	3	7'-2"	-	S		
RE901	1	6'-10"	-	S		
RE801	1	6'-6"	-	S		
RE701	1	6'-2"	-	S		
RE601	1	5'-11"	-	S		
RE501	1	5'-7"	-	S		
RE401	1	5'-5"	-	B		

N.S. = Near Side
F.S. = Far Side