



ABUTMENTS									
MARK	TYPE	A	B	C	D	E	NO.	LENGTH	WEIGHT
A501	Str.						2	2'-6"	1,000
A502	Str.						9	10'-11"	262
A803	Str.						2	9'-3"	49
A804	Str.						1	6'-6"	17
A805	Str.						10	11'-10"	318
A806	Str.						1	10'-0"	27
A807	Str.						1	7'-0"	19
D801	13	3'-2"	10"	10"			32	4'-8"	399
A501	5	6'-9"	1'-5"	5'-5"	11"	3'-3"	49	17'-1"	1,257
A502	6	6'-9"	1'-5"	5'-5"			29	14'-7"	625
A503	1	8'-0"	5'-5"	2'-6"			12	15'-7"	281
A504	1	7'-6"	5'-5"	2'-6"			12	15'-1"	272
A505	1	7'-0"	5'-5"	2'-6"			10	14'-7"	219
A506	1	6'-6"	5'-5"	2'-6"			13	14'-1"	275
A507	1	8'-5"	5'-5"	2'-6"			3	16'-0"	72
A508	6	10'-3"	1'-2"				11	21'-4"	352
A509	6	8'-4"	1'-2"				11	17'-6"	280
Y 601	10	9"	4'-7"				10	6'-1"	91
Y 602	10	9"	5'-0"				12	6'-6"	98
A501	6	1'-7"	3'-5"				53	6'-4"	330
A502	6	1'-7"	5'-5"				50	8'-4"	435
A503	2	8'-0"	7'-1"				12	8'-6"	105
A504	2	7'-5"	7'-1"				12	9'-0"	100
A505	2	7'-0"	7'-1"				10	7'-6"	78
A506	2	6'-6"	7'-1"				12	7'-0"	95
A507	2	8'-5"	7'-1"				3	9'-11"	28
A508	Str.						48	22'-2"	1,110
A509	Str.						30	11'-7"	352
A510	Str.						10	2'-2"	23
A511	Str.						10	12'-0"	125
A516	3	2'-3"	3'-2"	5'			25	11'-4"	307
A517	Str.						14	8'-3"	120
A518	12	5'-3"	7'				11	6'-5"	74
A520	Str.						2	5'-5"	11
A522	12	6'-3"	7'				11	7'-5"	85
A523	Str.						2	3'-6"	7
A526	ST						14	9'-0"	131
Y 701	4	3'-6"					4	4'-4"	35
Y 702	10	2"	3'-2"				4	4'-8"	38
Y 703	10	4"	3'-2"				4	4'-9"	39
Y 704	10	6"	3'-2"				4	4'-10"	40
Y 705	10	9"	3'-2"				4	4'-11"	41

PIERS									
MARK	TYPE	A	B	C	D	E	NO.	LENGTH	WEIGHT
P1001	2	5'-5"	1'-6"				10	5'-6"	1,540
P1002	Str.						11	10'-7"	785
P1003	Str.						22	17'-7"	1,655
P1004	Str.						11	18'-6"	864
P1005	Str.						11	18'-6"	852
P1006	Str.						11	19'-2"	907
P901	Str.						28	9'-8"	920
P902	Str.						36	8'-3"	1,061
P903	Str.						60	7'-2"	1,452
P801	Str.						20	22'-1"	1,179
P701	Str.						6	14'-3"	232
P702	Str.						8	29'-9"	455
P501	6	2'-11"	2'-8"				80	8'-3"	688
P302	Str.						8	21'-6"	181
ABUTMENT (Cont.)									
MARK	TYPE	A	B	C	D	E	NO.	LENGTH	WEIGHT
A512	Str.						10	5'-5"	57
A513	Str.						28	13'-3"	387
A514	14	6'-4"	3'-4"	6			4	9'-7"	40
A515	6	3'-7"	1'-2"				2	8'-1"	17
A519	6	2'-8"	1'-2"				14	6'-3"	91
A521	Str.						28	14'-0"	409
A524	14	7'-1"	4'-1"	6			4	11'-1"	46
A525	Str.						12	5'-10"	73
A527	6	3'-1"	1'-2"				2	7'-1"	15
A528	6	3'-9"	1'-2"				2	8'-5"	17
Y 501	6	7'-1"	1'-0"				42	2'-0"	88
Y 502	Str.						40	2'-11"	122
Y 503	15	3'-3"					22	6'-2"	142
SPIRAL REINFORCING (PIERS)									
MARK	CORE DIA.	PITCH	NO.	LENGTH	WEIGHT				
SP401	32"	4'	1	12'-10"	243				
SP402	32"	4'	1	13'-11"	262				
SP403	32"	4'	1	13'-6"	255				
SP404	32"	4'	1	14'-9"	275				
SP405	32"	4'	1	14'-3"	265				
SP406	32"	4'	1	13'-4"	257				

SUPERSTRUCTURE									
MARK	TYPE	A	B	C	D	E	NO.	LENGTH	WEIGHT
S501	Str.						265	27'-5"	10,913
S502	Str.						498	30'-0"	22,440
S503	Str.						64	29'-0"	2,788
S504	Str.						83	8'-0"	997
S505	Str.						265	17'-5"	8,966
X501	6	7 1/2"	1'-1"				238	2'-1"	517
X502	7						270	5'-4"	1502
X503	2	1'-4"	7 1/2"				235	1'-10"	455
X504	9	11"					238	3'-3"	807
X505	Str.						48	12'-1"	605
X506	Str.						64	7'-2"	478
X507	Str.						24	13'-10"	350

Other details in accordance with CRSI Standard practice

Refer to CMS Sections 106.03, 700, 709.01 through 709.05 and 709.08. Sufficient additional reinforcing steel shall be provided for sampling. Random samples shall be replaced in the structures by the additional steel, spliced in accordance with 509.08.

All dimensions are out to out
Str. in the "Type Column indicates straight bars.

SH
W. E. QUICKSALL AND ASSC
CONSULTING ENGINEERS • NEW J
REINFORCING BAR
BRIDGE NO. STA-30-
U.S.R. 30 over RELOCATED G
STARK COUNTY
DESIGNED BY PMZ
CHECKED BY wda
DATE DL