

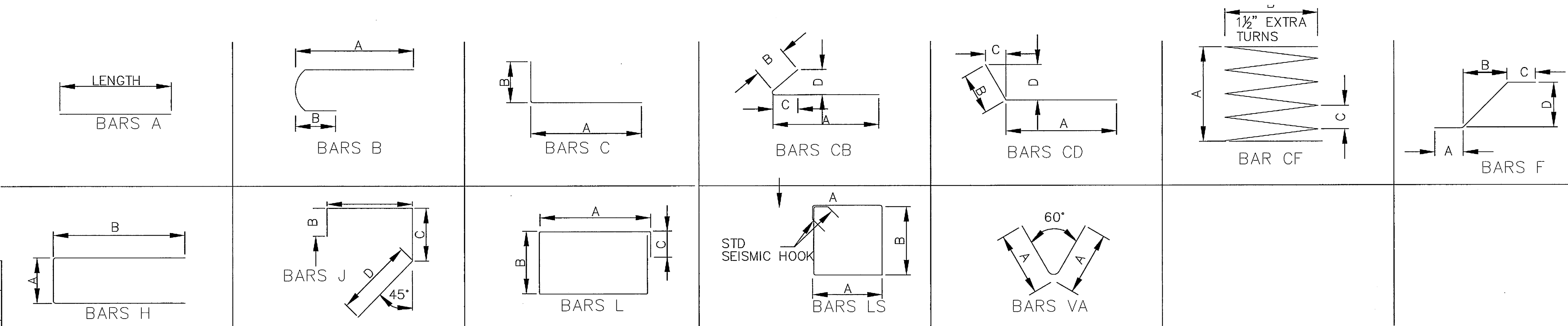
ABUTMENTS No. 1 & No.2 (TOTAL BOTH ABUTMENTS)								
TOTAL FOR BOTH ABUTMENTS								
BAR	LOCATION	SIZE	No. REQ'D	BEND DIMENSIONS				LENGTH
				A	B	C	D	
EPOXY COATED BARS								
A640E	ABUT WALL	#6	156	4'-6"	—	—	—	4'-6"
C640E	ABUT WALL	#6	78	3'-0"	3'-0"	—	—	6'-0"
CB640E	ABUT WALL	#6	4	22'-0"	2'-9"	0'-8¾"	2'-8"	24'-9"
CD640E	ABUT WALL	#6	4	22'-0"	2'-9"	0'-8¾"	2'-8"	24'-9"
F640E	ABUT WALL	#6	78	1'-1"	1'-3"	1'-1"	1'-3"	4'-1"
REGULAR								
A440	ABUT BEAM	#4	8	42'-6"	—	—	—	42'-6"
A441	ABUT BEAM	#4	44	4'-6"	—	—	—	4'-6"
A442	WING WALL BM	#4	8	13'-9"	—	—	—	13'-9"
A443	WING WALL BM	#4	8	14'-3"	—	—	—	14'-3"
C440	ABUT WALL	#4	48	4'-0"	1'-6"	—	—	5'-6"
H440	WING WALL	#4	42	1'-2"	0'-10"	—	—	2'-10"
H441	RISER BLOCK	#4	96	3-6"	1-0"	1'-0"	—	5'-6"
J540	ABUT WALL	#5	78	2'-2"	0'-6"	0'-10"	2'-0"	5'-6"
L540	ABUT BEAM	#5	78	5'-8"	2'-6"	1'-0"	—	17'-4"
L541	WING WALL BM	#5	42	2'-8"	2'-6"	1'-0"	—	11'-4"
A640	ABUT BEAM	#6	18	42'-6"	—	—	—	42'-6"
A641	WING WALL	#6	42	4'-6"	—	—	—	4'-6"
A642	ABUT WALL	#6	36	3'-10"	—	—	—	3'-10"
A643	WING WALL BM	#6	16	14'-3"	—	—	—	14'-3"
A644	WING WALL BM	#6	16	13'-9"	—	—	—	13'-9"
CB641	ABUT WALL	#6	20	22'-0"	2'-9"	0'-8¾"	2'-8"	24'-9"
CB642	WING WALL	#6	20	10'-7"	2'-9"	0'-8¾"	2'-8"	13'-4"
CD641	ABUT WALL	#6	20	22'-0"	2'-9"	0'-8¾"	2'-8"	24'-9"
CD642	WING WALL	#6	20	11'-1"	2'-9"	0'-8¾"	2'-8"	13'-10"
H640	ABUT & WING WALL	#6	120	4'-0"	1'-2"	—	—	9'-2"
A740	ABUT BEAM	#7	14	42'-6"	—	—	—	42'-6"
H840	ABUT BEAM	#8	80	5'-8"	1'-5"	—	—	8'-6"
H940	ABUT BEAM	#9	120	5'-8"	1'-7"	—	—	8'-10"



BENT No. 1 & 2								
TOTAL FOR BOTH BENTS								
BAR	LOCATION	SIZE	No. REQ'D	BEND DIMENSIONS				LENGTH
				A	B	C	D	
A420	PIER CAP	#4	12	43'-2"	—	—	—	43'-2"
CF450	PIER CAP	#4	20	1'-0"	1'-7½"	0'-3"	—	26'-0"
H420	AT ENDS	#4	20	3'-8"	1'-0"	—	—	5'-8"
H421	AT ENDS	#4	20	4'-2"	1'-6"	—	—	7'-2"
LS550	STIRRUPS	#5	96	3'-8"	4'-2"	0'-5½"	—	16'-7"
C650	PILE TOP	#6	160	6'-6"	1'-0"	—	—	7'-6"
A720	PIER CAP	#7	16	43'-2"	—	—	—	43'-2"
VA880	PILE ANCHOR	#8	40	2'-6"	—	—	—	5'-0"

SUPERSTRUCTURE								
BAR	LOCATION	SIZE	No. REQ'D	BEND DIMENSIONS				LENGTH
				A	B	C	D	
A507	INTER DIAP	#5	30	5'-6"	—	—	—	5'-6"
A508	DIAP. AT BENT	#5	80	5'-3"	—	—	—	5'-3"
A509	DIAP. AT BENT	#5	20	4'-8"	—	—	—	4'-8"
F500	DIAP. AT BENT	#5	64	2'-0"	1'-10½"	2'-0"	0'-8¾"	6'-0"
CD500	DIAP. AT BENT	#5	32	1'-2"	2'-0"	1'-10½"	—	3'-2"
H401	DIAP. AT BENT	#4	120	1'-2"	3'-0"	—	—	7'-2"
L401	INTER DIAP	#4	30	0'-9"	1'-11"	0'-4"	—	5'-8"
LS400	DIAP. AT BENT	#4	24	1'-1"	1'-1"	0'-4½"	—	5'-1"

SUPERSTRUCTURE								
EPOXY COATED BARS								
BAR	LOCATION	SIZE	No. REQ'D	BEND DIMENSIONS				LENGTH
				A	B	C	D	
A501E	TRANSVERSE	#5	162	60'-0"				60'-0"
A503E	TRANSVERSE	#5	635	39'-7"				39'-7"
A504E	LONG	#5	162	49'-3"				49'-3"
A507E	SLAB	#5	2	38'-2"				38'-2"
A508E	SLAB	#5	2	36'-4"				36'-4"
A509E	SLAB	#5	2	34'-4"				34'-4"
A510E	SLAB	#5	2	32'-9"				32'-9"
A511E	SLAB	#5	2	30'-10"				30'-10"
A512E	SLAB	#5	2	29'-0"				29'-0"
A513E	SLAB	#5	2	27'-2"				27'-2"
A514E	SLAB	#5	2	25'-4"				25'-4"
A515E	SLAB	#5	2	23'-6"				23'-6"
A516E	SLAB	#5	2	21'-8"				21'-8"
A517E	SLAB	#5	2	19'-10"				19'-10"

SUPERSTRUCTURE								
EPOXY COATED BARS								
BAR	LOCATION	SIZE	No. REQ'D	BEND DIMENSIONS				LENGTH
				A	B	C	D	
A518E	SLAB	#5	2	18'-0"				18'-0"
A519E	SLAB	#5	2	16'-2"				16'-2"
A520E	SLAB	#5	2	14'-3"				14'-3"
A521E	SLAB	#5	2	12'-5"				12'-5"
A522E	SLAB	#5	2	10'-8"				10'-8"
A523E	SLAB	#5	2	8'-9"				8'-9"
A524E	SLAB	#5	2	6'-11"				6'-11"
A525E	SLAB	#5	2	5'-1"				5'-1"
A526E	SLAB	#5	2	3'-3"				3'-3"
A527E	SLAB	#5	2	37'-9"				37'-9"
A528E	SLAB	#5	2	35'-0"				35'-0"
A529E	SLAB	#5	2	32'-2"				32'-2"
A530E	SLAB	#5	2	29'-5"				29'-5"
A531E	SLAB	#5	2	26'-8"				26'-8"
A532E	SLAB	#5	2	24'-0"				24'-0"
A533E	SLAB	#5	2	21'-2"				21'-2"
A534E	SLAB	#5	2	18'-5"				18'-5"
A535E	SLAB	#5	2	15'-8"				15'-8"
A536E	SLAB	#5	2	13'-0"				13'-0"
A537E	SLAB	#5	2	10'-2"				10'-2"
A538E	SLAB	#5	2	7'-5"				7'-5"
A539E	SLAB	#5	2	4'-8"				4'-8"
A601E	ABOVE BENTS	#6	140	46'-0"				46'-0"
H502E	PARAPET CURB	#5	560	2'-6"	0'-5"			5'-5"



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	NO.	DATE		DESCRIPTIONS	SHELBY COUNTY, TN.	
					WARD ROAD	
					OVER BIG CREEK	
					BILL OF STEEL	
					DATE: FEBRUARY 17, 2012	SCALE: N.T.S.
					DRAWN: JP	CHECKED: HSJ
						APPROVED: