SUPERSTRUCTURE (EPOXY)

BAR	LOCATION	SIZE	NO. REQ'D	UNIT				TOTAL	WEIGHT	BENDING DIMENSIONS A	B	C	D	LENGTH
A500E	SLAB	5	114	58'-	4		"	6650.0000	6936					58'-4"
A501E	SLAB	5	68	39'-	6		"	2686.0000	2801					39'-6"
A502E	SLAB	5	34	21'-	4		"	725.3333	757					21'-4"
A503E	SLAB	5	199	14'-	5			2868.9167	2992					36'-11"
SERIES										VARIES FROM 5'-2 5/8" TO 36'-6 5/8"				
A504E	SLAB	5	4	136'-	1	1/16		544.3542	568	IN INC. OF 8" (48 BARS)				1002'-6 7/16"
A506E	SLAB	5	32	8'-	4			266.6667	278					8'-4"
A700E	SLAB	7	138	40'-	0		"	5520.0000	11283					40'-0"
B570E	RAIL	5	1020	3'-	11		"	3995.0000	4167	3'-4"				3'-11"

ABUTMENT NO. 1 & 2 (EPOXY), EACH

LOCATION	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
ACKWALL	5	2					52'-4"
ACKWALL	5	25					3'-10"
ORNERS	6	9					3'-6"
WY. BRKT.	6	51	1'-1"	1'-3"	1'-1"	1'-3"	3'-11"
UT. BEAM	5	23	1'-6"	3'-6"			8'-6"
ACKWALL	5	51	2'-0"	2'-0"			4'-0"
ACKWALL	5	51	2'-0"	1'-8"			3'-8"
ACKWALL	5	25	4'-4"	1'-5"			5'-9"

CONST. NO. _____

PROJECT NO.	YEAR	SHEET NO.
85008-4206-04	2015	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	8-25-15	TAK	REV. BILL OF STEEL

SUPERSTRUCTURE (REGULAR)

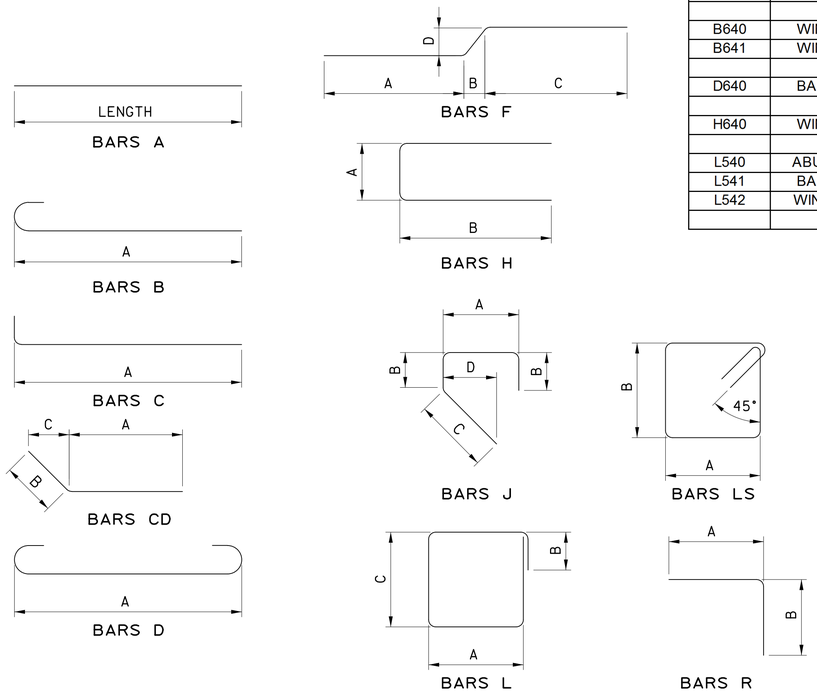
BAR	LOCATION	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A500	DIAPHRAGM	5	36					10'-0"
CD500	DIAPHRAGM	5	12	3'-5 1/2"	2'-3"	2'-1 1/8"		5'-8 1/2"
CD501	DIAPHRAGM	5	12	3'-10"	2'-3"	2'-1 1/8"		6'-1"
F500	DIAPHRAGM	5	24	2'-3"	3'-11 1/8"	2'-3"	1'-6 1/4"	8'-8 1/2"
L400	DIAPHRAGM	4	66	8"	6"	1'-3 3/4"		4'-5 1/2"
LS400	DIAPHRAGM	4	16	9 3/8"	1'-6 1/2"			5'-7 3/4"

ABUTMENT NO. 1 & 2 (REGULAR), EACH

BAR	LOCATION	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A440	WINGWALL	4	3					11'-5"
A441	WINGWALL	4	3					11'-11"
A540	ABUT. BEAM	5	2					15'-8"
A541	WING BEAM	5	2					10'-2"
A542	ABUT. BEAM	5	2					12'-11"
A543	WING BEAM	5	2					11'-8"
A544	BACKWALL	5	2					52'-4"
A545	RDWY BRKT	5	2					48'-2"
A546	BACKWALL	5	6					9'-7"
A547	BACKWALL	5	4					2'-7"
A5410	ABUT. BEAM	5	3					10'-2"
A5411	ABUT. BEAM	5	3					19'-3"
A5412	DOWELS	5	12					4'-0"
A640	CORNER	6	10					3'-6"
A740	ABUT BEAM	7	10					15'-8"
A741	WING BEAM	7	10					10'-2"
A742	ABUT BEAM	7	10					12'-11"
A743	WING BEAM	7	10					11'-8"
B640	WINGWALL	6	3	10'-2"				10'-10"
B641	WINGWALL	6	3	13'-0"				13'-8"
D640	BACKWALL	6	4	5'-0"				6'-4
H640	WINGWALL	6	18	1'-1"	3'-7 1/2"			8'-4"
L540	ABUT. BEAM	5	30	1'-8 1/2"	10"	2'-1"		8'-5"
L541	BACKWALL	5	51	2'-6 1/2"	10"	10 1/2"		7'-8"
L542	WING BEAM	5	22	2'-1"	10"	2'-1"		9'-2"

BENTS NO. 1 & 2 (REGULAR), EACH

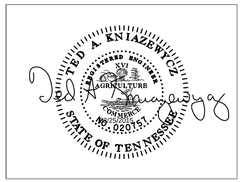
BAR	LOCATION	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A450	WALL	4	40					10'-11"
A550	DOWELS	5	68					4'-0"
A551	FOOTING	5	4					11'-7"
A650	FOOTING	6	28					11'-7"
A651	CAP	6	8					53'-6"
C950	WALL	9	46	13'-6"				15'-1"
J550	CAP	5	104	2'-7"	8 1/2"	1'-9 1/4"	1'-2 3/4"	5'-9 1/4"
L650	FOOTING	6	46	3'-1"	1'-0"	1'-8"		10'-6"



PIN NO. 120027.00

DESIGNED BY GRESHAM SMITH & PARTNERS DATE 7/2014
DRAWN BY R. PALMER DATE 7/2014
SUPERVISED BY T. KNIAZEWYCZ DATE 7/2014
CHECKED BY _____ DATE _____

GRESHAM SMITH AND PARTNERS



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

1 BILL OF STEEL

STATE ROUTE 260
OVER
LITTLE GOOSE CREEK
BR. NO. 85-SR260-05.58
TROUSDALE COUNTY
2015

BR-118- 55

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8/25/2015
PRF