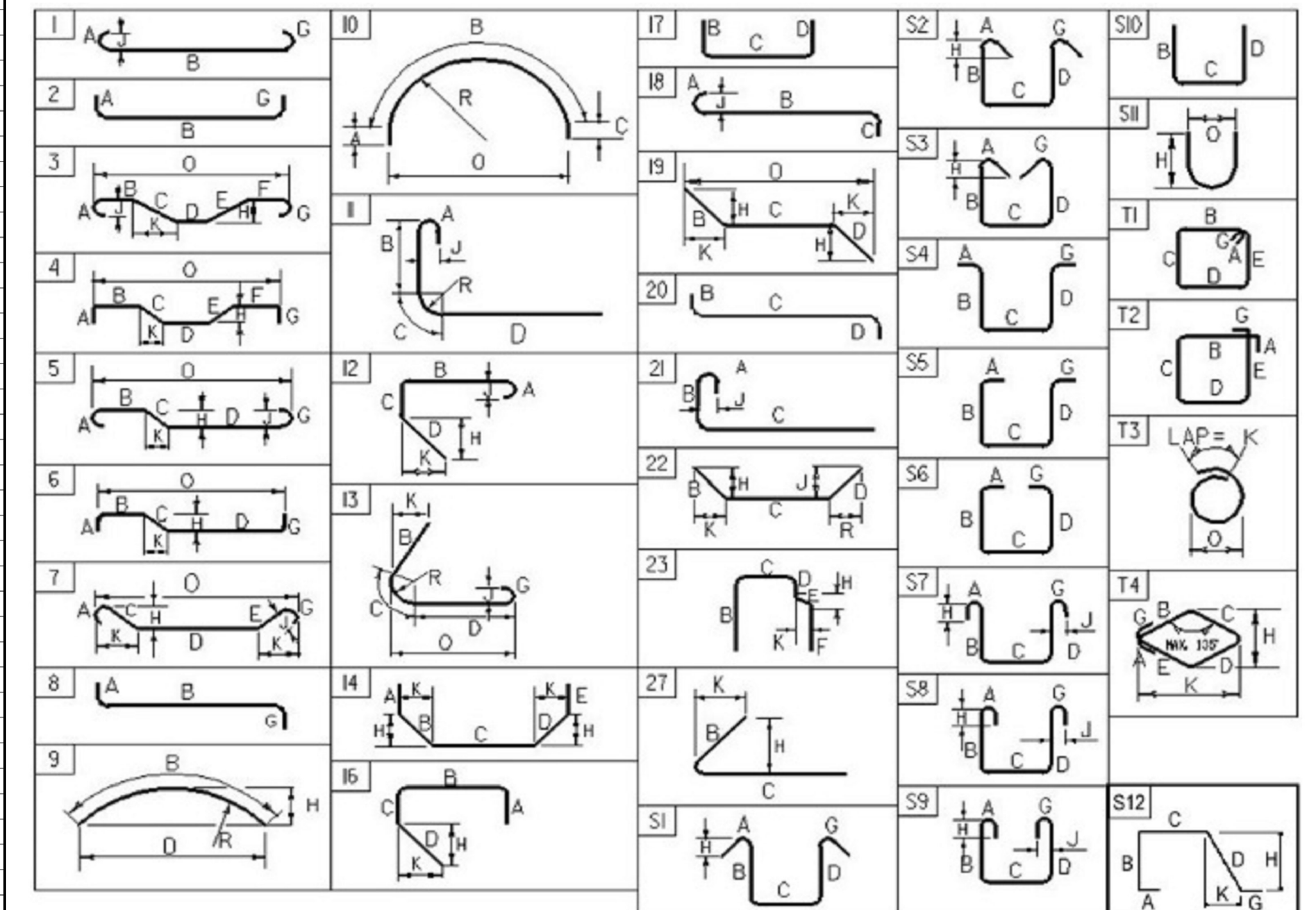


REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O		
ABUTMENT #1																		PIER #1																			
18	5	39'-6"		1A501.3	STR													* 43	5	11'-4"		1P501	STR														
16	5	31'-2"		1A502.3	STR													30	5	36'-8"		1P502	STR														
▲ 41	5	14'-1"		1A503.3	17													102	5	6'-5"		1P503	17														
41	5	9'-9"		1A504.3	S10		2'-1"	12'-0"	0'-0"									64	5	13'-0"		1P504.3	17														
31	5	8'-1"		1A505.3	S10		3'-4"	1'-5"	3'-4"									38	5	9'-5"		1P505	10														
34	5	8'-11"		1A506.3	22		2'-0"	4'-11"	2'-0"				1'-5"	1'-5"	1'-5"	1'-5"		266	5	10'-4"		1P506	T1														
30	5	4'-4"		1A507.3	17		2'-2"	2'-2"	0'-0"									90	5	13'-8"		1P507	T1														
30	5	11'-4"		1A508.3	22		2'-0"	7'-4"	2'-0"				1'-5"	1'-5"	1'-5"	1'-5"		90	5	4'-4"		1P508	S3														
3	5	11'-4"		1A509.3	STR													25	5	4'-4"		1P509.3	S3														
* 4	5	8'-11"		1A510.3	STR													* 21	6	29'-4"		1P601	STR														
81	5	3'-1"		1A511.3	S3		0'-6"	2'-1"	0'-6"									20	6	10'-3"		1P602	10														
* 33	7	10'-0"		1A701.3	17		1'-2"	8'-10"	0'-0"									2	6	29'-4"		1P603.3	STR														
21	8	6'-10"		1A801	3		0'-0"	0'-0"	0'-0"	2'-0"	3'-11"	0'-11"	1'-5"				5'-4"	6	6	10'-3"		1P604.3	10														
* ▲ 55	9	14'-1"		1A901.3	17		2'-1"	12'-0"	0'-0"									3	6	10'-11"		1P605.3	17														
WINGWALL #1																		PIER #2																			
▲ 11	5	24'-0"		1W501.3	S10		11'-6"	1'-0"	11'-6"									44	5	11'-4"		2P501	STR														
11	5	5'-6"		1W502.3	S10		2'-3"	1'-0"	2'-3"									32	5	36'-8"		2P502	STR														
▲ 13	5	12'-6"		1W503.3	STR													102	5	7'-5"		2P503	17														
▲ 13	7	12'-6"		1W701.3	STR													64	5	13'-0"		2P504.3	17														
WINGWALL #2																		PIER #3																			
▲ 11	5	28'-6"		2W501.3	S10		13'-9"	1'-0"	13'-9"									38	5	9'-5"		2P505	10														
11	5	5'-2"		2W502.3	S10		2'-1"	1'-0"	2'-1"									266	5	13'-8"		2P506	T1														
▲ 15	5	12'-6"		2W503.3	STR													90	5	4'-4"		2P507	T1														
▲ 15	7	12'-6"		2W701.3	STR													25	5	4'-4"		2P509.3	S3														
ABUTMENT #2																		PIER #4																			
18	5	39'-6"		2A501.3	STR													20	6	29'-4"		2P601	STR														
16	5	31'-2"		2A502.3	STR													20	6	10'-3"		2P602	10														
▲ 41	5	14'-0"		2A503.3	17		2'-1"	11'-11"	0'-0"									2	6	29'-4"		2P603.3	STR														
41	5	9'-11"		2A504.3	S10		3'-11"	2'-1"	3'-11"									6	6	10'-3"		2P604.3	10														
31	5	8'-1"		2A505.3	S10		3'-4"	1'-5"	3'-4"									3	6	10'-11"		2P605.3	17														
34	5	8'-11"		2A506.3	22		2'-0"	4'-11"	2'-0"				1'-5"	1'-5"	1'-5"	1'-5"		9	6	11'-10"		2P606.3	17														
30	5	4'-4"		2A507.3	17		2'-2"	2'-2"	0'-0"									1	6	12'-11"		2P607.3	17														
30	5	11'-4"		2A508.3	22		2'-0"	7'-4"	2'-0"				1'-5"	1'-5"	1'-5"	1'-5"		2	6	12'-8"		2P608.3	17														
3	5	11'-2"		2A509.3	STR													2	6	25'-2"		2P609.3	STR														
3	5	8'-9"		2A510.3	STR													2	6	17'-11"		2P610.3	STR														
81	5	3'-1"		2A511.3	S3		0'-6"	2'-1"	0'-6"									2	6	10'-8"		2P611.3	STR														
32	7	10'-0"		2A701.3	17		1'-2"	8'-10"	0'-0"									2	6	3'-5"		2P612.3	STR														
21	8	6'-10"		2A801	3		0'-0"	0'-0"	0'-0"	2'-0"	3'-11"	0'-11"	1'-5"				5'-4"	75	7	11'-4"		2P701	STR														
▲ 54	9	14'-0"		2A901.3	17		2'-1"	11'-11"	0'-0"									146	8	8'-5"		2P801	2														
WINGWALL #3																		PIER #5																			
▲ 11	5	23'-8"		3W501.3	S10		11'-4"	1'-0"	11'-4"									146	8	14'-2"		1P802	STR														
11	5	5'-0"		3W502.3	S10		2'-0"	1'-0"	2'-0"									* ▲ 58	8	6'-0"		1P803	STR														
▲ 13	5	12'-6"		3W503.3	STR													PIER #6																			
▲ 13	7	12'-6"		3W701.3	STR													44	5	11'-4"		2P501	STR														
WINGWALL #4																		PIER #7																			
▲ 11	5	28'-2"		4W501.3	S10		13'-7"	1'-0"	13'-7"									32	5	36'-8"		2P502	STR														
11	5	4'-6"		4W502.3	S10		1'-9"	1'-0"	1'-9"									102	5	7'-5"		2P503	17														
▲ 15	5	12'-6"		4W503.3	STR													64	5	13'-0"		2P504.3	17														
▲ 15	7	12'-6"		4W701.3	STR													38	5	9'-5"		2P505	10														
APPROACH SLAB #1																		PIER #8																			
42	5	29'-6"		1AS501	STR													266	5	13'-8"		2P506	T1														
41	9	20'-9"		1AS901	1		1'-3"	19'-6"										90	5	4'-4"		2P507	T1														
42	9	19'-6"		1AS902	STR													25	5	4'-4"		2P509.3	S3														
APPROACH SLAB #2																		PIER #9																			
46	5	29'-6"		2AS501	STR													20	6	29'-4"		2P601	STR														
▲ 41	9	23'-0"		2AS901	1		1'-3"	21'-9"										20	6	10'-3"		2P602	10														
▲ 41	9	21'-9"		2AS902	STR													2	6	29'-4"		2P603.3	STR														
SLEEPER SLAB																		PIER #10																			
19	5	29'-8"		SS501	STR													6	6	10'-3"		2P604.3	10														
62	5	5'-6"		SS502	2		0'-6"	4'-6"										3	6	10'-11"		2P605.3	17														
31	5	7'-8"		SS503	S5		0'-10"	2'-3"	1'-6"	2'-3"								9	6	11'-10"		2P606.3	17														

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE	YIELD STRENGTH (ksi)	TENSILE STRENGTH (ksi)	ELONGATION (%)	WELDED EPOXY COATED