

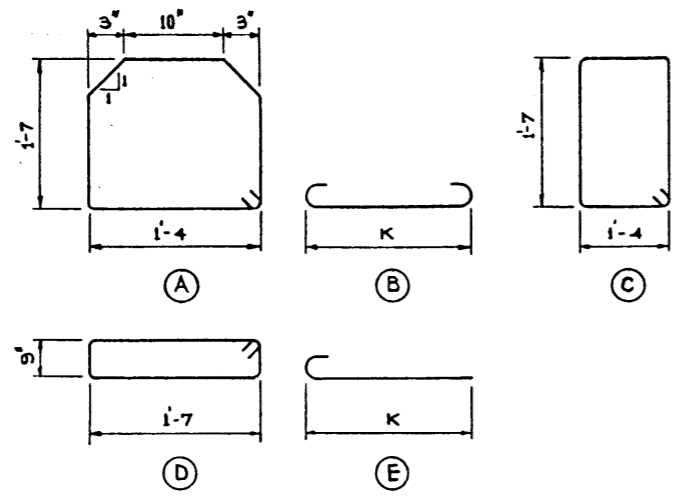
TABLE OF DIMENSIONS AND REINFORCEMENT

GENERAL		25'-0 ROADWAY				29'-0 ROADWAY				33'-0 ROADWAY				37'-0 ROADWAY				41'-0 ROADWAY				45'-0 ROADWAY				
		SKEW		0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°
OVERALL LENGTH	A	28'-9"	29'-9 1/8"	33'-2 1/8"	40'-7 7/8"	32'-9"	33'-10 7/8"	37'-9 3/4"	46'-3 3/4"	36'-9"	38'-0 1/2"	42'-5 1/4"	51'-11 1/8"	40'-9"	42'-2 1/4"	47'-0 5/8"	57'-7 1/2"	44'-9"	46'-4"	51'-8 3/8"	63'-3 3/8"	48'-9"	50'-5 1/8"	56'-3 1/2"	68'-11 3/8"	
	CROWN	B	3 1/16"	3 7/16"	3 1/16"	3 1/16"	3 1/16"	3 15/16"	3 15/16"	3 15/16"	4 7/16"	4 1/16"	4 1/16"	4 7/16"	4 7/16"	4 7/8"	4 7/8"	4 7/8"	5 3/8"	5 3/8"	5 3/8"	5 3/8"	5 7/8"	5 7/8"	5 7/8"	5 7/8"
	DIFFERENTIAL FOR ROADWAY GRADE OF	C	0	0.08'	0.17'	0.29'	0	0.09'	0.19'	0.33'	0	0.10'	0.21'	0.37'	0	0.11'	0.24'	0.41'	0	0.12'	0.26'	0.45'	0	0.13'	0.28'	0.49'
	C	0	0.15'	0.33'	0.58'	0	0.18'	0.38'	0.66'	0	0.20'	0.42'	0.74'	0	0.22'	0.47'	0.82'	0	0.24'	0.52'	0.90'	0	0.26'	0.56'	0.98'	
	C	0	0.23'	0.50'	0.86'	0	0.26'	0.57'	0.98'	0	0.30'	0.64'	1.10'	0	0.33'	0.71'	1.22'	0	0.36'	0.78'	1.34'	0	0.39'	0.84'	1.46'	
PILES	NUMBER		5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	8	8	8	8	8	8	8	8
	SPACING	D	5'-5 1/4"	5'-7 1/2"	6'-3 3/8"	7'-8 1/4"	5'-13 1/4"	5'-4"	5'-11 3/8"	7'-3 3/8"	5'-11 3/8"	6'-1 1/8"	6'-10 1/2"	8'-5"	5'-7 1/2"	5'-5 3/8"	6'-6"	7'-11 1/2"	5'-4 1/4"	5'-7"	6'-2 3/4"	7'-7 1/2"	5'-11 3/8"	6'-2 1/8"	6'-10 3/8"	8'-5 1/4"
	END DISTANCES	E	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"	3'-6"	3'-7 1/2"	4'-0 1/2"	4'-11 3/8"
DOWELS	NUMBER PER LINE		7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12
	SPACING	F	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"	4'-0"	4'-1 1/16"	4'-7 7/16"	5'-7 7/8"
	END DISTANCES	L	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"	2'-9"	2'-10 3/16"	3'-2 1/8"	3'-10 1/16"
	G	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	3'-0"	3'-1 1/4"	3'-5 9/16"	4'-2 1/16"	
WING PILE	H	4'-6"	4'-8"	5'-2"	6'-4"	4'-6"	4'-8"	5'-2"	6'-4"	4'-6"	4'-8"	5'-2"	6'-4"	4'-6"	4'-8"	5'-2"	6'-4"	4'-6"	4'-8"	5'-2"	6'-4"	4'-6"	4'-8"	5'-2"	6'-4"	
	WING PROJECTION	J	4'-0"	4'-2"	4'-8"	5'-8"	4'-0"	4'-2"	4'-8"	5'-8"	4'-0"	4'-2"	4'-8"	5'-8"	4'-0"	4'-2"	4'-8"	5'-8"	4'-0"	4'-2"	4'-8"	5'-8"	4'-0"	4'-2"	4'-8"	5'-8"
REINFORCING ONE ABUTMENT	NUMBER OF DOWELS - D601		7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12
	NUMBER OF STIRRUPS - A401		39	42	48	61	44	47	54	69	49	53	60	76	55	59	66	84	60	64	73	91	65	70	79	99
	LENGTH OF MAIN BARS - A701	K	28'-5"	29'-5"	32'-10"		32'-5"	33'-6"	37'-5"		36'-5"	37'-8"														
	NUMBER OF - A701		10	10	10		10	10	10		10	10														
REINFORCING ONE PIER	LENGTH OF MAIN BARS - A702	K				21'-6"				24'-4"			22'-5"	27'-2"	21'-7"	22'-3"	24'-8"	30'-0"	23'-7"	24'-4"	27'-0"	32'-10"	25'-7"	26'-5"	29'-4"	35'-8"
	NUMBER OF - A702					20				20			20	20	20	20	20	20	20	20	20	20	20	20	20	20
	NUMBER OF DOWELS - D601		14	14	14	14	16	16	16	16	18	18	18	18	20	20	20	20	22	22	22	22	24	24	24	24
	NUMBER OF DOWELS - E701		30	30	30	30	30	30	30	30	36	36	36	36	36	36	36	36	42	42	42	42	42	42	42	42
NUMBER OF STIRRUPS - P501		35	38	44	56	40	43	49	63	45	48	55	70	49	53	60	76	54	58	66	83	59	63	72	90	
LENGTH OF MAIN BARS - A701	K	28'-5"	29'-5"	32'-10"		32'-5"	33'-6"	37'-5"		36'-5"	37'-8"															
NUMBER OF - A701		13	13	13		13	13	13		13	13															
LENGTH OF MAIN BARS - A702	K				21'-6"				24'-4"			22'-5"	27'-2"	21'-7"	22'-3"	24'-8"	30'-0"	23'-7"	24'-4"	27'-0"	32'-10"	25'-7"	26'-5"	29'-4"	35'-8"	
NUMBER OF - A702					26				26			26	26	26	26	26	26	26	26	26	26	26	26	26	26	
NUMBER OF STIRRUPS - P502		30	30	30	30	36	36	36	36	36	36	36	36	42	42	42	42	48	48	48	48	48	48	48	48	

ALSO SUPPLY 8-W501 AND 12-W801.

BAR LIST			
MARK	SIZE	TYPE	LENGTH
A 401	4	A	6'-4"
A 701	7	B	K + 1'-8"
A 702	7	E	K + 0'-10"
W 501	5	STR.	40'-0"
W 801	8	STR.	11'-0"
P 501	5	C	6'-8"
D 601	6	STR.	2'-6"
E 701	7	STR.	3'-0"
P 502	5	D	5'-7"

BAR TYPES (ALL BAR DIMENSIONS ARE OUT TO OUT) N.T.S.



WORK THIS DRAWING IN CONJUNCTION WITH DWG.#S-1124

APPROVED		HIGHWAYS AND TRANSPORT BRIDGE BRANCH	
CONCRETE SUBSTRUCTURE FOR 25, 30 & 35 VS BRIDGES HS 25 TRUCK - SHEET # 2		SHEET 2 OF 2 S-1125	
DESIGNED	DRAWN BY	DATE	CHECKED BY
D.K.D.	F.W. BUDA		
REVISIONS		DATE	BY
NO.	DESCRIPTION		