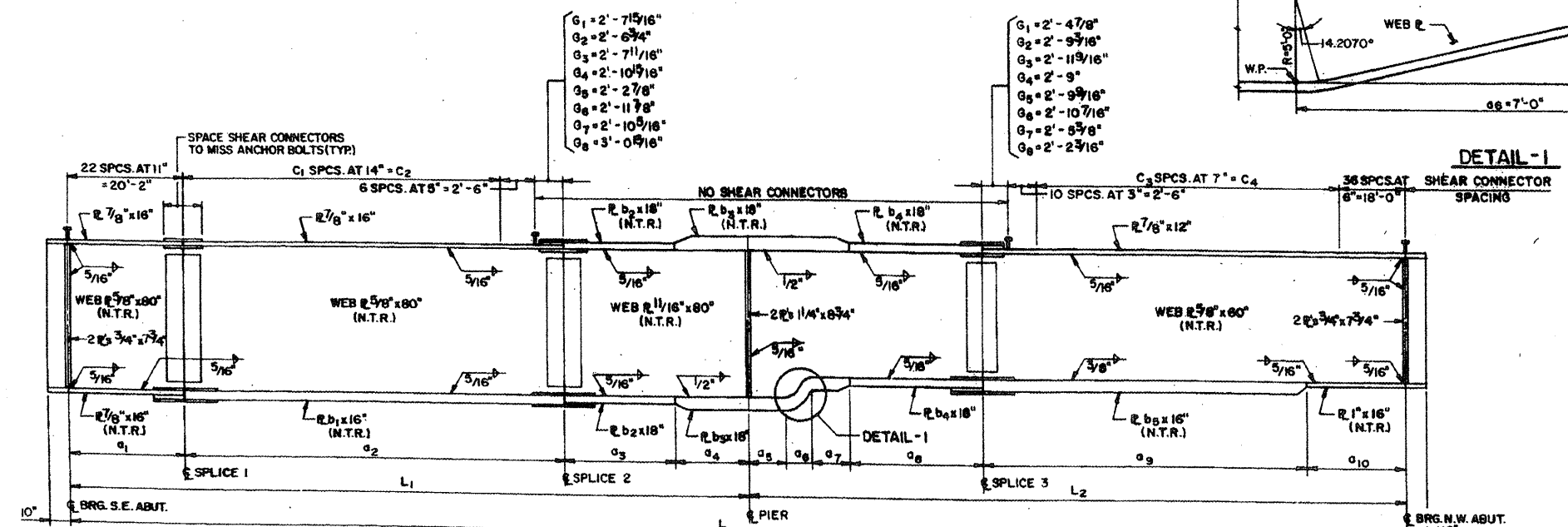
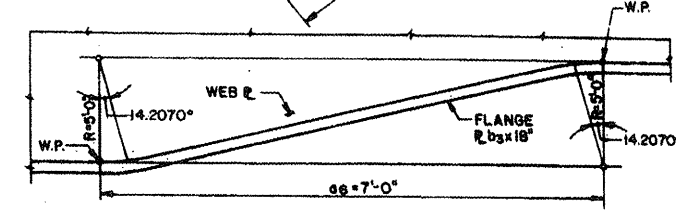
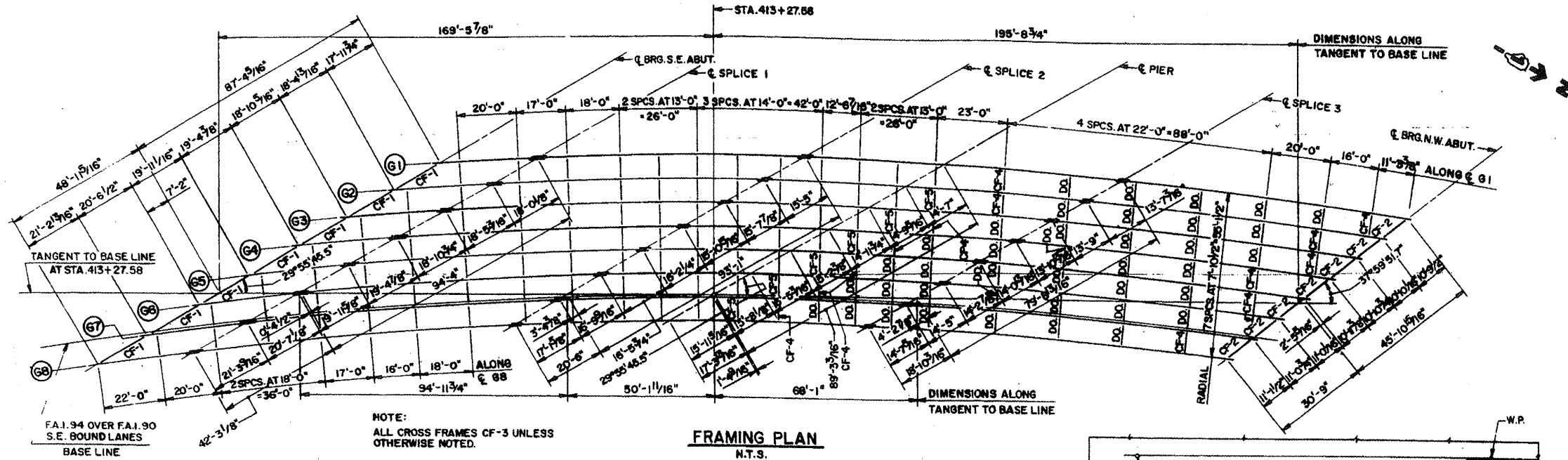


ROUTE VARIOUS	SECTION 2008-051 BP	COUNTY COOK	TOTAL SHEETS 38	SHEET NUMBER 20
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CONTRACT NO. 60F02



GIRDER DIMENSIONS

GIRDER	L	L ₁	L ₂	a ₁	a ₂	a ₃	a ₄	a ₅	a ₆	a ₇	a ₈	a ₉	a ₁₀	b ₁	b ₂	b ₃	b ₄	b ₅	C ₁	C ₂	C ₃	C ₄	R
G1	326'-0 1/16"	171'-2 1/16"	155'-5 3/4"	31'-5 1/16"	95'-0 1/8"	28'-9"	20'-0"	12'-0"	7'-0"	10'-0"	30'-0 3/8"	70'-8 3/8"	28'-0"	1 1/8"	1 1/4"	2 1/4"	1 1/8"	1 7/8"	85	99'-2"	125	72'-10"	1478.957
G2	335'-0 1/16"	174'-2 1/2"	159'-6 7/16"	31'-3 7/8"	95'-3 3/8"	27'-9 1/4"	20'-0"	12'-0"	7'-0"	10'-0"	31'-7 1/4"	73'-11 3/8"	28'-0"	1 1/8"	1 1/4"	2 1/4"	1 1/8"	1 7/8"	87	101'-6"	130	75'-6"	1471.082
G3	341'-1 3/8"	177'-4 3/4"	163'-0 1/16"	31'-0 1/16"	98'-0 3/4"	28'-3 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	32'-8 1/8"	77'-2 1/8"	28'-0"	1 1/8"	1 1/4"	2 1/4"	1 1/8"	1 7/8"	89	103'-10"	135	78'-9"	1463.207
G4	345'-10 7/8"	180'-9 1/8"	168'-0 1/2"	30'-10 1/16"	100'-10 1/2"	28'-0 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	33'-0 1/2"	80'-7"	28'-0"	1 1/4"	1 3/8"	2 1/2"	1 1/4"	1 1/2"	91	106'-2"	141	82'-3"	1466.332
G5	357'-0 1/16"	184'-0 1/4"	172'-0 1/8"	30'-7 1/16"	103'-0 1/16"	28'-1 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	34'-0 1/16"	84'-0 1/16"	28'-0"	1 1/4"	1 3/8"	2 1/2"	1 1/4"	1 1/2"	94	108'-8"	147	85'-3"	1447.457
G6	365'-0 1/16"	188'-0 1/16"	177'-1 1/16"	30'-5 1/16"	107'-2 1/16"	30'-10 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	35'-0 1/16"	87'-7 1/16"	28'-0"	1 1/2"	1 3/8"	2 3/4"	1 1/2"	1 1/4"	96	112'-0"	153	88'-3"	1433.082
G7	374'-10 1/16"	192'-10 1/16"	181'-1 1/16"	30'-2 1/16"	110'-5 1/16"	31'-10 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	36'-7 1/16"	91'-3 1/16"	28'-0"	1 1/2"	1 3/8"	2 3/4"	1 1/2"	1 1/4"	99	118'-6"	160	85'-4"	1431.707
G8	384'-7 1/2"	197'-0 1/16"	186'-11 1/16"	30'-0"	114'-0 1/16"	32'-11 1/16"	20'-0"	12'-0"	7'-0"	10'-0"	37'-10"	95'-1 1/16"	28'-0"	1 1/2"	1 3/8"	2 3/4"	1 1/2"	1 1/4"	102	119'-0"	167	97'-6"	1423.032

LOCATION NO.4
EXIST. BRIDGE PLANS
I-94 OVER 1-90
SN 016-2574