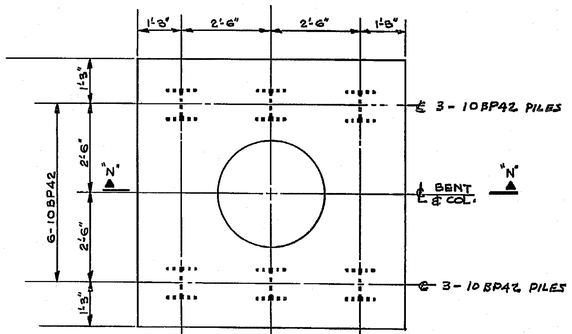
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M001-00(167)	16	26

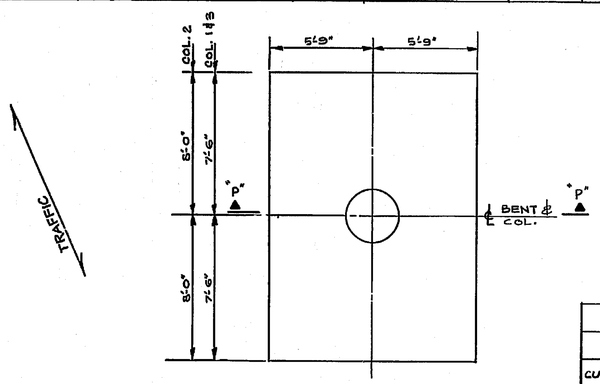
TABLE OF LETTERED DIMENSIONS																						
BENT \ DIM.	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW
2	7'-11 3/8"	8'-1 9/16"	8'-1 9/16"	8'-1 9/16"	1'-10 3/16"	1'-11 7/8"	8'-1 9/16"	8'-1 5/8"	8'-1 5/8"	7'-11 3/8"	22'-4 5/4"	8'-1 9/16"	8'-1 9/16"	8'-1 9/16"	1'-10 3/16"	1'-11 7/8"	8'-1 9/16"	8'-1 5/8"	8'-1 5/8"	22'-11 3/4"			23'-6 3/4"
3	8'-2"	8'-1 15/16"	8'-1 7/8"	8'-1 7/8"	1'-8 11/16"	2'-1 1/2"	8'-1 7/8"	8'-1 7/8"	8'-1 7/8"	7'-10 3/4"	24'-0 3/4"	8'-1 15/16"	8'-1 7/8"	8'-1 7/8"	1'-8 3/4"	2'-1 7/16"	8'-1 7/8"	8'-1 7/8"	8'-1 15/16"	24'-10 3/8"			25'-8"

TABLE OF ELEVATIONS												
BENT \ ELEV.	A	B	C	D	E	F	G	H	I	J	K	L
2	998.66	998.76	998.87	998.98	999.55	999.62	999.71	999.79	995.20	994.85	994.29	972.50±
3	997.26	997.26	997.32	997.36	998.35	998.39	998.43	998.47	993.82	993.00	994.97	969.00±

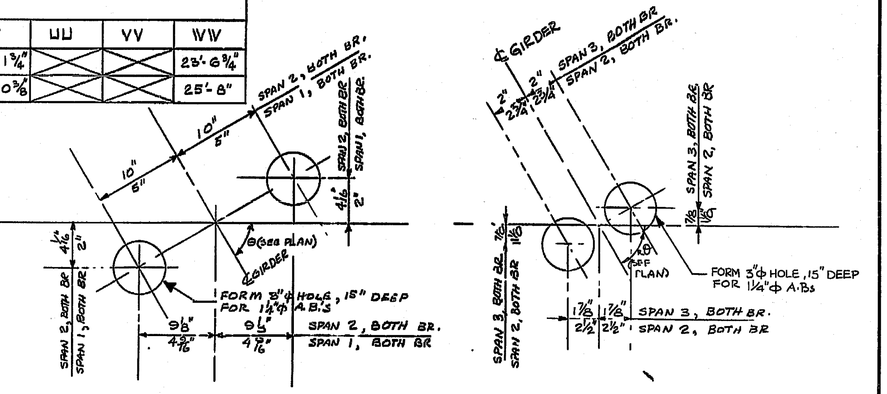
TABLE OF ANGLES																		
BENT \ ∠	θ_A	θ_B	θ_C	θ_D	θ_E	θ_F	θ_G	θ_H	θ_I	θ_J	θ_K	θ_L	θ_M	θ_N	θ_O	θ_P	θ_Q	θ_R
2	66°06'00"	66°05'00"	66°03'59"	66°02'59"	65°58'50"	66°02'30"	66°01'29"	66°00'29"	65°59'28"	65°59'47"	65°58'54"	65°58'02"	65°57'10"	65°56'50"	65°56'45"	65°55'52"	65°55'00"	65°54'07"
3	65°37'24"	65°36'14"	65°35'04"	65°33'54"	65°05'46"	65°33'21"	65°32'11"	65°31'00"	65°29'50"	65°12'56"	65°11'55"	65°10'55"	65°09'55"	65°05'46"	65°09'26"	65°08'25"	65°07'25"	65°06'24"



PLAN OF BENT 2 FTGS.
SCALE: 1"=2'-0"

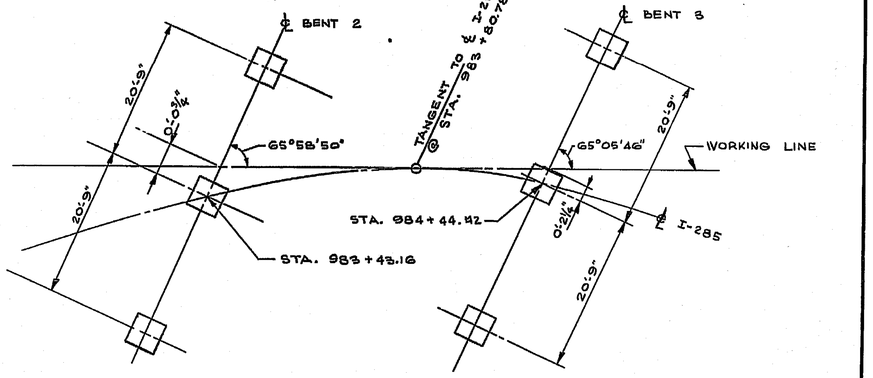


PLAN OF BENT 3 FTGS.
SCALE: 1"=4'-0"



ANCHOR BOLT HOLE LAYOUT BT. 2

ANCHOR BOLT HOLE LAYOUT BT. 3



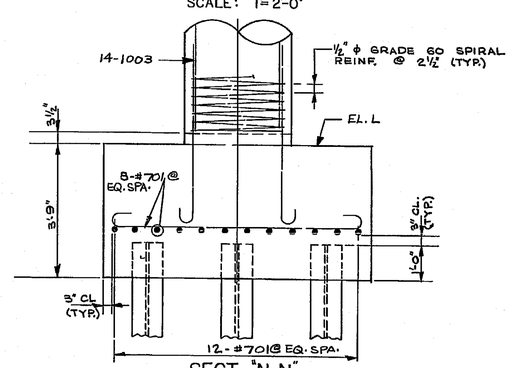
FOOTING LAYOUT DIAGRAM
NO SCALE

TABLE OF QUANTITIES				
ITEM	BENT 2*		BENT 3*	
	5	4	5	4
CU. YDS. CLASS "A" CONCRETE	32.7	32.6	42.8	42.7
LBS. BAR REINF. STEEL	7254	7254	9197	9197

* THERE IS ONLY ONE BT. 2 AND ONE BT. 3. THEY HAVE BEEN DIVIDED BETWEEN BR. 5 AND BR. 4 FOR QUANTITY CALCULATIONS ONLY.

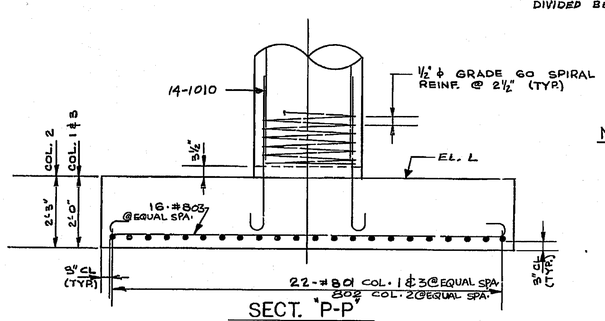
NOTES

1. DESIGN SOIL PRESSURE IS 2 TONS / SQ. FT.
2. PLAN DRIVING OBJECTIVE SHALL BE 50 TONS DRIVING RESISTANCE AFTER A MINIMUM TIP ELEV. OF 960 IS ACHIEVED.



SECT. "N-N"
SCALE: 1"=2'-0"

DETAIL "O"



SECT. "P-P"
SCALE: 1"=2'-0"

DETAIL "Q"

NOTE: FOR SPIRAL NOTE SEE BR. SH. 8 OF 13.

FOR INFORMATION ONLY

BRIDGE NO 4 & 5

SIMONS · EASTERN COMPANY
ATLANTA, GEORGIA

GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION-BRIDGE DESIGN

INTERMEDIATE BENT DETAILS-SHEET NO. 2
I-285 OVER S.R. 400
FULTON COUNTY I-FI-285-1(84)88 03
SCALE: AS SHOWN DATE: JAN., 1974

BRIDGE SHEET 12 OF 20
FILE 0203
SIMECO JOB NO. 73 / 1123
BRIDGE SHEET 9 OF 13

No.	REVISIONS	BY	DATE

DESIGNED VP
DRAWN RFR
TRACED
CHECKED V.P. & RSF
REVIEWED
APPROVED