

NOTE: NEGATIVE NUMBERS ARE DESIGNATED BY A MINUS (-) SIGN PRECEDING THE FIRST SIGNIFICANT DIGIT IF THE FIELD.

MUST CONTAIN THOSE PORTIONS OF BRIDGE OR WHICH A SOLUTION IS DESIRED

DOT 498-D 7-1-72
GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DESIGN OFFICE
BRIDGE GEOMETRY
CURVE ORIGIN IS ON THIS SIDE, SEE

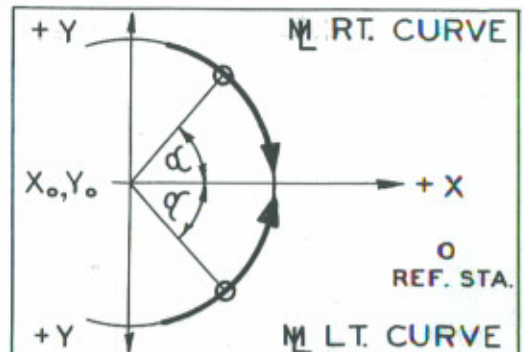
DESCRIPTION
C.C. 2 3 4 5 6
CONST
START
FINIS

PROG. PROB. NO.		PROBLEM IDENTIFICATION, PROJECT, COUNTY, DATE, BY, ETC.																		WRITE CONT. IN C.C. 77-80 WHEN AN ADDITIONAL IDENT. CARD IS TO BE USED.									
1	2	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80													
* B.O.2																													
*																													

LIMITING STATIONS				STATION OF REFERENCE POINT			REF. ANGLE α			DIST. FR. ORIGIN X_o, Y_o TO REFERENCE POINT		
BACK		AHEAD			DEG.	MIN.	SEC.	DEG.	MIN.	SEC.		
1	2	12	22	32	35	37	41					50
+		+		+			+			+		

REQUIRED ONLY WHEN CURVE 2 IS ON A TANGEN

CURVE NO. 1				CURVE NO. 2 (MUST CONTAIN THE REFERENCE POINT)						CURVE NO. 3			
DEG.	MIN.	SEC.	P.C. STATION**	DEG.	MIN.	SEC.	P.T. STATION**	DEG.	MIN.	SEC.	P.T. STATION**		
1	2	4	6	10	20	22	24	28	38	40	42	45	
+				+				+					



VERTICAL CURVE DATA**			ALWAYS DEFINED, ALL CASES (TYP.)								
P.V.I. Z STA.			P.V.I. 1 STA.			P.V.I. 2 STA.					
1	2	12	22				31				
+		+		+		+		+			
ELEV. P.V.I. Z		% GRADE Z-1		L.V.C. 1		% GRADE 1-2		L.V.C. 2		% GRADE 2-3	
1	2	10	19	26	35	42	50				
+		+		+		+		+		+	

**MAY BE WITHIN OR OUTSIDE OF LIMITING STATIONS

CROWN AND LANE DEFINITIONS													
CROWN CODE	ΔR TO BEGIN INSIDE S.E.	DIST. FROM CROWN TO R/L GUTTER				ΔR FROM M TO CROWN				DIST. FROM CROWN TO CONTROL PT.		DROP (INCHES) FROM CROWN TO CONTROL PT.	
		S.R. 1	INSIDE PIVOT	S.R. 2	S.R. 3	S.R. 4	OUTSIDE PIVOT	S.R. 5	S.R. 6				
1	2	5	13	21	29	37	45	52	59	66	73	79	
+		+		+		+		+		+		+	

WRITE "LVL" IF CROWN CORRECTION IS TO BE IGNORED.
WRITE "PAR" FOR PARABOLIC CROWN.
IGNORE FOR SUPERELEVATED LANES.

DESCRIPTION		AT STATION**		S.E. 1		S.E. 2		S.E. 3		S.E. 4		S.E. 5		S.E. 6	
1	2	7	17	23	29	35	41	47	52						
+		+		+		+		+		+		+		+	

SUPERELEVATION DATA (MAX. NO. OF 10)

NOTE: THE PROGRAM WILL NOT RECOGNIZE A STATIONING "EQUALITY".

GIVE SUPERELEVATIONS IN INCHES PER FOOT



BRIDGE GEOMETRY-SPAN TYPE TRANSVERSE LINE DATA

NUMBER OF "T" LINES THIS SPAN
SPAN NO.

WRITE "LAST" IF LAST SPAN

REMARKS

WRITE "YES" IF LONGITUDINAL LINE DATA
FOR SUBSEQUENT SPANS IS TO BE GIVEN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8 SPAN																													

BENT CODE TYPES
C.C. 5 6 7 8
SKEW
PARL
PSTA
SAME
(B ONLY)
PREV
(A ONLY)

USE DIGIT 1 FOR
RLG INT. CODE

STATION OF BENT

SKEW ANGLE
OF BENT

USE THIS FORMAT FOR "SKEW" CODE.

USE THIS FORMAT FOR "PSTA" OR "PARL" CODES.

STATION OF BENT "PSTA"
NORMAL DIST. IF "PARL"

REMARKS

LONGITUDINAL LINE SKIPS - USE DIGIT 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
B																													

STA. OF BENT IF "PREV"

OR

NORMAL DIST. IF "PREV"

A																													
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

REFERENCE BENT

*STATION or NORMAL
or DISTANCE
or PROPORTION
or X COORDINATE

ANGLE or SKEW
ANGLE or DIST.
or PROPORTION
or Y COORDINATE

REFERENCE BENT

USE DIGIT 1 FOR
RLG INT. CODE

REMARKS

LONGITUDINAL LINES SKIPS - USE DIGIT 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
T01																													

STA.

NORM. or DIST. or
PROP. or COOR.

DIST. or PROP. or COOR.

T02																													
T03																													
T04																													
T05																													
T06																													
T07																													
T08																													
T09																													
T10																													
T11																													

*STATION MUST
BE ON THE M
(CONTROL LINE).

SEQ. NO.		TYPE CODE	REF. CALL	POINT 1		POINT 2		S K P	REMARKS
1	2	4	7	9	X-COORDINATE	Y-COORDINATE	X-COORDINATE	Y-COORDINATE	
70	1								
70	2								
70	3								
70	4								
70	5								
70	6								
70	7								
70	8								
70	9								
71	0								
71	1								
71	2								
71	3								
71	4								
71	5								
71	6								
71	7								
71	8								
71	9								
72	0								
72	1								
72	2								
72	3								
72	4								
72	5								
72	6								
72	7								
72	8								
72	9								
73	0								
73	1								