STREETS IN BROOKHOLLOW SECOND ADDITION

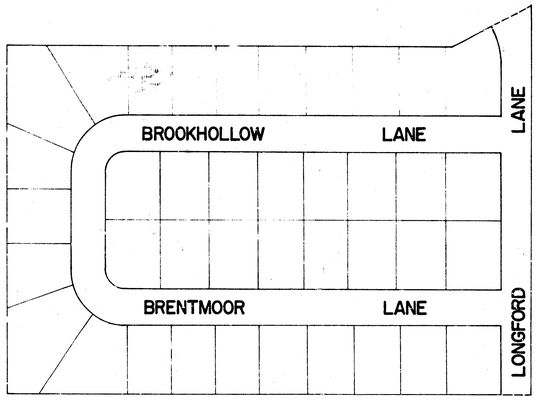
LONGFORD LANE S. L. BROOKHOLLOW SECOND ADDITION
TO N. L. BROOKHOLLOW SECOND ADDITION

BROOKHOLLOW LANE W. L. LONGFORD LANE TO THE S. L. LOT 8,
BLK. 3, BROOKHOLLOW SECOND ADDITION

BRENTMOOR LANE W. L. LONGFORD LANE TO THE S. L. LOT 8,
BLK. 3, BROOKHOLLOW SECOND ADDITION

N
SCALE: 1"=100'

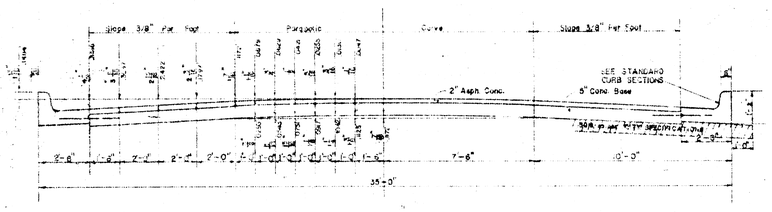
PROJ. NO. DAKS 570019



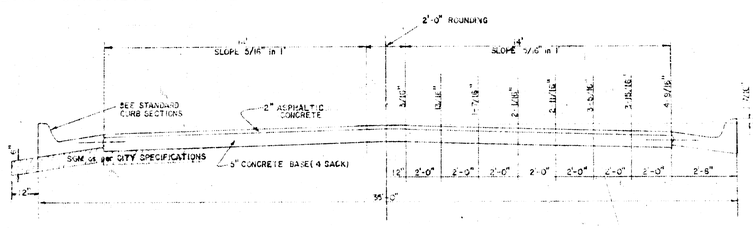
DONALD E. SCHNEIDER
LICENSED
6311
KANSAS
PROFESSIONAL ENGINEER

1/18

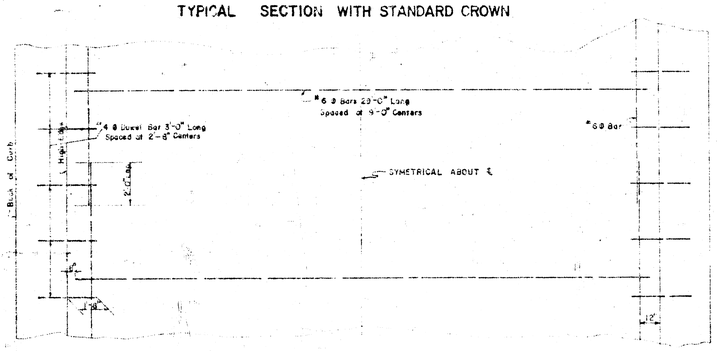
TYPICAL SECTIONS of 34' ASPHALTIC CONCRETE PAVEMENT



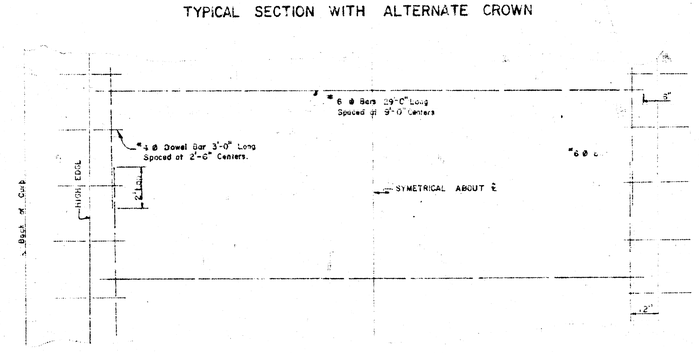
TYPICAL SECTION WITH STANDARD CROWN



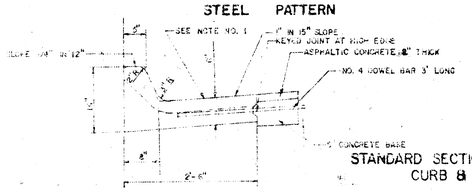
TYPICAL SECTION WITH ALTERNATE CROWN



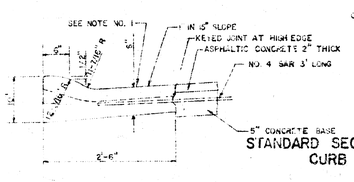
STEEL PATTERN



STEEL PATTERN



STANDARD SECTION OF COMBINED CURB & GUTTER



STANDARD SECTION OF ROLL-TYPE CURB & GUTTER

GENERAL NOTES

1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB & GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 5-1/2" BELOW THE SURFACE OF THE GUTTER IN CURB. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 15' AND BE FILLED WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.

CITY OF WICHITA, KANSAS

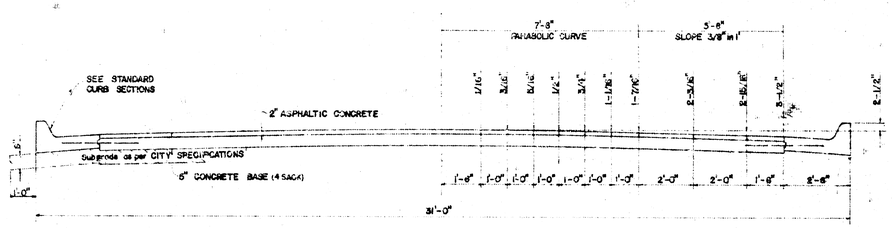
Department of Public Works - Engineering Division

R. W. LINN — City Engineer

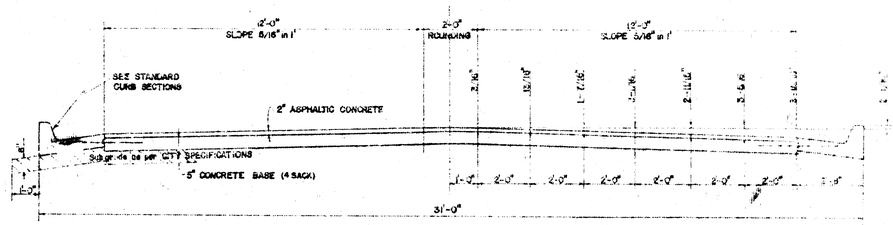
Date: Sept. 1972 — Project No.

2/12

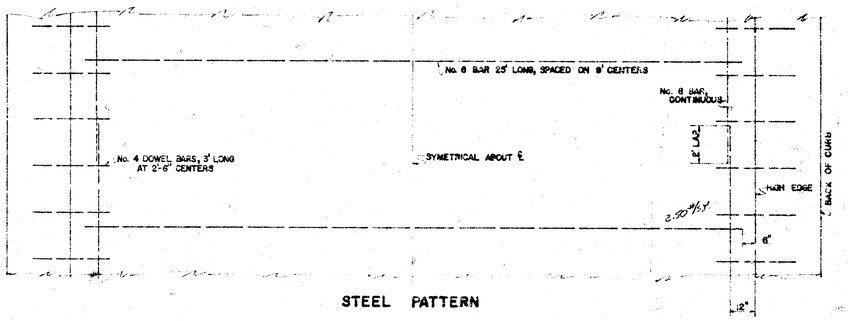
TYPICAL SECTIONS of 30' ASPHALTIC CONCRETE PAVEMENT



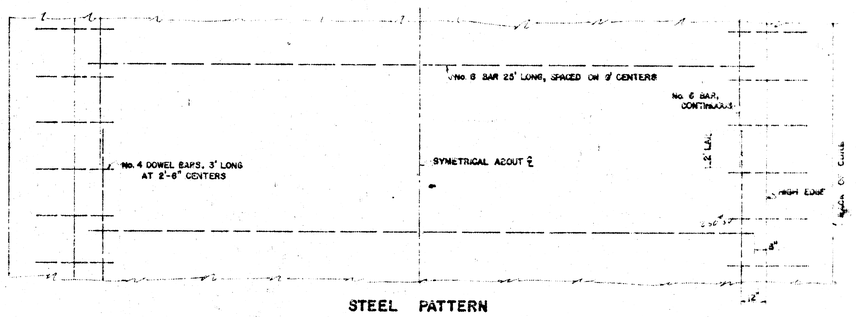
TYPICAL SECTION WITH STANDARD CROWN



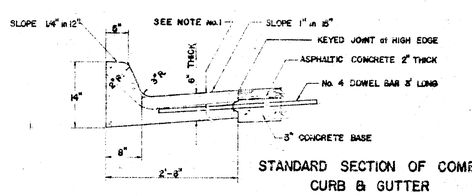
TYPICAL SECTION WITH ALTERNATE CROWN



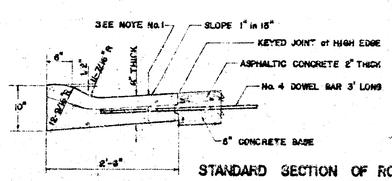
STEEL PATTERN



STEEL PATTERN



STANDARD SECTION OF COMBINED CURB & GUTTER



STANDARD SECTION OF ROLL-TYPE CURB & GUTTER

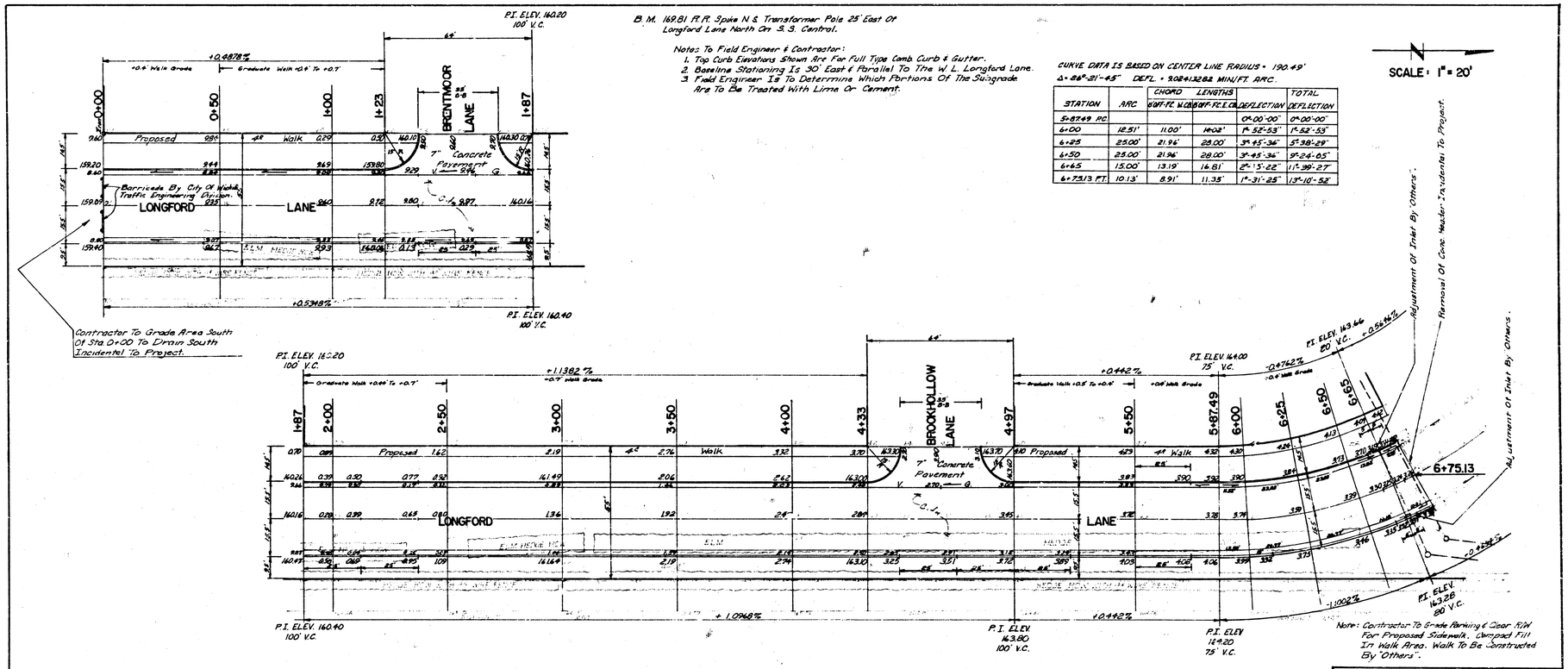
GENERAL NOTES

1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB AND GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 2-1/2" BELOW THE SURFACE OF THE GUTTER AND CURB. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10' AND BE FILLED WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.

CITY OF WICHITA, KANSAS
Department of Public Works - Engineering Division
R.W. Linn — City Engineer
Date: Sept 1972 — Project No. DAKS 570019

3/12

Sam'l Dillon
Plan Examiner
Ed
Checked



Note: Contractor To Grade Parking & Clear R/W For Proposed Sidewalk. Compact Fill In Walk Area. Walk To Be Constructed By "Others".

B. M. 169.81 R.R. Spike N.S. Transformer Pole 25' East Of Longford Lane North Of S.S. Central.

Notes To Field Engineer & Contractor:
1. Top Curb Elevations Shown Are For Full Type Comb. Curb & Gutter.
2. Baseline Stationing Is 30' East & Parallel To The W. L. Longford Lane.
3. Field Engineer Is To Determine Which Portions Of The Subgrade Are To Be Treated With Lime Or Cement.

CURVE DATA IS BASED ON CENTER LINE RADIUS = 190.49'
Δ = 26°-21'-45" DEFL. = 2°-42'-32.82" MIN./FT. ARC.

STATION	ARC	CHORD LENGTHS 8"WF-FC W.C.	8"WF-FC E.C.	DEFLECTION	TOTAL DEFLECTION
5+87.49 P.C.				0°-00'-00"	0°-00'-00"
6+00	12.51'	11.00'	11.02'	1°-52'-53"	1°-52'-53"
6+25	25.00'	21.96'	22.00'	3°-45'-36"	5°-38'-29"
6+50	25.00'	21.96'	22.00'	3°-45'-36"	9°-24'-05"
6+65	15.00'	13.19'	14.81'	2°-15'-22"	11°-39'-27"
6+75.13 P.T.	10.13'	8.91'	11.35'	1°-31'-25"	13°-10'-52"

SCALE: 1" = 20'

Property
Excavation = 1230.6 Cu. Yds. Comp. Fill = 95 Cu. Yds.
+10% 123.1 Cu. Yds. +10% = 10 Cu. Yds.
Total 1,353.7 Cu. Yds. Total = 10.6 Cu. Yds.

City
Excavation = 458.4 Cu. Yds.
+10% 45.8 Cu. Yds.
Total 504.2 Cu. Yds.

LONGFORD LANE
FROM S. L. BROOKHOLLOW SECOND ADDN.
TO N. L. BROOKHOLLOW SECOND ADDN.
26-2-30 ASPH. CONC.

R. W. LINN CITY ENGINEER
CITY OF WICHITA, KANSAS

DATE: Sept 1972
PROJ. NO. DAKS 570019

4/12

Survey Dates
Plan Layout
Est.
Checked

B.M. 169.81 R.R. Spike N.S. Transformer Pole 25' East Of Longford Lane North Dr. S.S. Central

P.I. ELEV. 168.30
150' V.C.

P.I. ELEV. 164.90
150' V.C.

P.I. ELEV. 164.50
150' V.C.

P.I. ELEV. 167.80
150' V.C.

P.I. ELEV. 167.80
150' V.C.

-1.36%
+0.4% WALK GRADE

-0.32 1/2%
+0.4% WALK GRADE

-1.32%
+0.4% WALK GRADE

-0.32 1/2%
+0.4% WALK GRADE

-0.32%
+0.4% WALK GRADE

+0.35 1/2%
+0.4% WALK GRADE

+0.42 1/2%
+0.4% WALK GRADE

+0.35 1/2%
+0.4% WALK GRADE

1+94.96
2+00
2+50
3+00
3+50
4+00
4+50
5+00
5+50
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+17.22
1+75
1+50
1+25
1+00
0+85
0+50
0+00

Proposed
4° Walk
BROOKHOLLOW LANE
LANE
Transition From Roll Cb To Full Cb In 10'
End Full Crown
No Crown
BROOKHOLLOW
LONGFORD
SCALE: 1"=20'

CURVE DATA IS BASED ON CENTER LINE RADIUS = 70.0'
Δ = 90°-00'-00" DEFL. = 24.35438941 MIN/FT. ARC.

STATION	ARC	CHORD BEAR. FR. LT.	CHORD LENGTHS BEAR. FR. RT.	DEFLECTION	TOTAL DEFLECTION
0+85 P.C.				0°-00'-00"	0°-00'-00"
1+00	15.00'	20.32'	9.62'	6°-08'-19"	6°-08'-19"
1+25	25.00'	33.75'	15.99'	10°-13'-52"	16°-22'-11"
1+50	25.00'	33.75'	15.99'	10°-13'-51"	26°-36'-02"
1+75	25.00'	33.75'	15.99'	10°-13'-52"	36°-49'-54"
1+94.96 P.T.	19.96'	26.99'	12.79'	8°-10'-06"	45°-00'-00"

Notes To Field Engineer & Contractor:
1. Top Curb Elevations Shown Are For Roll Type Comb. Curb & Gutter.
2. Transition From Roll Type Comb. Curb & Gutter To Full Type Comb. Curb & Gutter Shall Be Paid As Lin. Ft. Roll Type Comb. Curb & Gutter.
3. Baseline Stationing Is On ℄ Brookhollow Lane.
4. Field Engineer Is To Determine Which Portions Of The Subgrade Are To Be Treated With Lime Or Cement.

Property

Excavation	= 1450.2 Cu. Yds.	Comp. Fill	= 34.2 Cu. Yds.
+10%	= 145.0 Cu. Yds.	+10%	= 3.4 Cu. Yds.
Total	= 1595.2 Cu. Yds.	Total	= 37.6 Cu. Yds.

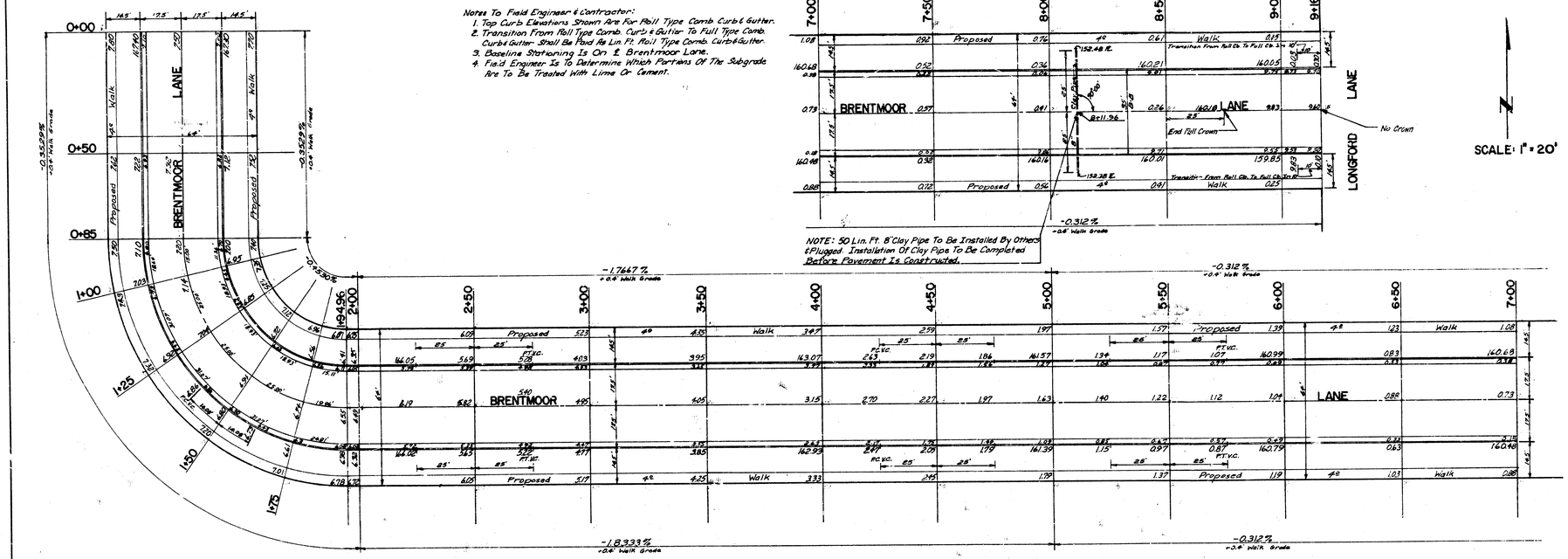
BROOKHOLLOW LANE
FROM W. L. LONGFORD LANE TO THE S. L. LOT 8, BLK. 3, BROOKHOLLOW SECOND ADD'N.
30-2-34 ASPH. CONC.
R. W. LINN CITY ENGINEER
CITY OF WICHITA, KANSAS

5/12
DATE: Sept. 1972
PROJ. NO. DAKS 570019

Survey Dulles
Plan Laurson
Ext.
Checked

B.M. 169.81 R.R. Spike N.S. Transformer Pole 25' East Of Longford Lane North On S.S. Central.

Notes To Field Engineer & Contractor:
1. Top Curb Elevations Shown Are For Roll Type Comb. Curb & Gutter.
2. Transition From Roll Type Comb. Curb & Gutter To Full Type Comb. Curb & Gutter Shall Be Paid As Lin. Ft. Roll Type Comb. Curb & Gutter.
3. Baseline Stationing Is On ℄ Brentmoor Lane.
4. Field Engineer Is To Determine Which Portions Of The Subgrade Are To Be Treated With Lime Or Cement.



NOTE: 50 Lin. Ft. 8" Clay Pipe To Be Installed By Others & Plugged. Installation Of Clay Pipe To Be Completed Before Pavement Is Constructed.

Note: Contractor To Grade Parking & Clear R/W For Proposed Sidewalk. Compact Fill In Walk Area. Walk To Be Constructed By "Others".

CURVE DATA IS BASED ON CENTER LINE RADIUS = 70.0'
Δ = 90°-00'-00" DEFL. = 24.55438341 MIN./FT. ARC.

STATION	ARC	CHORD LENGTHS 8' OFF-FC. LT. CB	CHORD LENGTHS 8' OFF-FC. RT. CB	DEFLECTION	TOTAL DEFLECTION
0+85 P.C.				0°-00'-00"	0°-00'-00"
1+00	15.00'	9.62'	2.32'	6°-08'-19"	6°-08'-19"
1+25	25.00'	15.99'	33.75'	10°-13'-52"	16°-22'-11"
1+50	25.00'	15.99'	33.75'	10°-13'-51"	26°-36'-02"
1+75	25.00'	15.99'	33.75'	10°-13'-52"	36°-49'-54"
1+94.96 P.T.	19.96'	12.79'	26.99'	8°-10'-06"	45°-00'-00"

Property

Excavation =	1,077.3 Cu. Yds.	Comp. Fill =	267.0 Cu. Yds.
+10% =	107.2 Cu. Yds.	+10% =	26.7 Cu. Yds.
Total =	1,179.5 Cu. Yds.	Total =	293.7 Cu. Yds.

6/12

BRENTMOOR LANE
FROM W. L. LONGFORD LANE TO THE S. L. LOT 8, BLK. 3, BROOKHOLLOW SECOND ADDN.

30-2-34 ASPH. CONC.

R. W. LINN
CITY OF

CITY ENGINEER
WICHITA, KANSAS

DATE: Sept. 1972
PROJ. NO. DAKS 570019