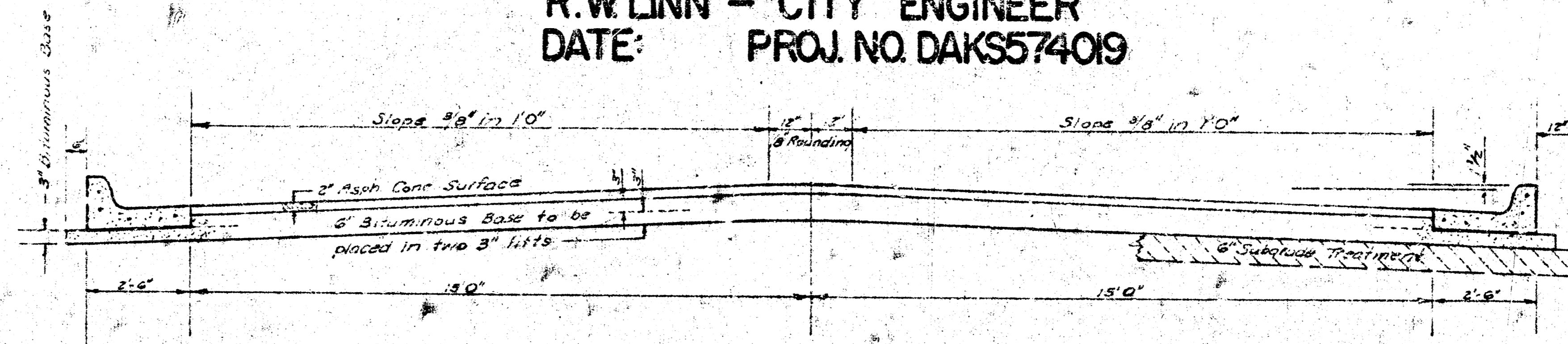


**BEECH**  
 N. L. BEDELL TO S. LINCOLN  
**30'-2"-34' ASPH. CONC.**  
 CITY OF WICHITA, KANSAS  
 R. W. LINN - CITY ENGINEER  
 DATE: PROJ. NO. DAKS574019

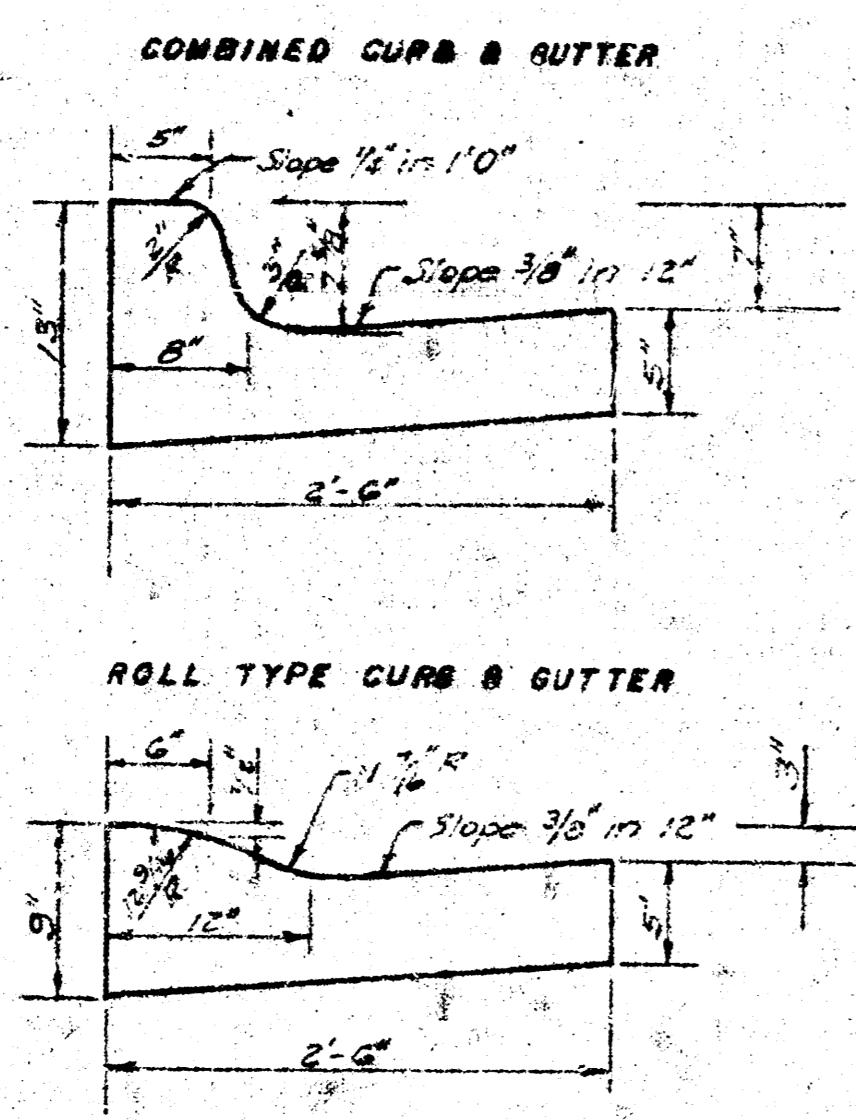


**TYPICAL SECTION**

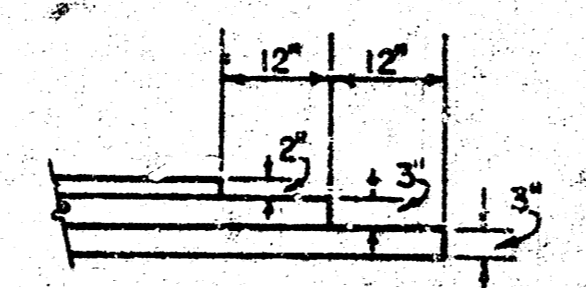
**35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE**

*The A.C. Pavement between the comb. curb & gutter shall be paid as Sq. Yds. 8" A.C. Pavement (6" Bituminous Base).  
 The Bituminous Base under the comb. curb & gutter shall be paid as Sq. Yds. 3" Bituminous Base.*

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.



**DETAIL OF TRANSVERSE CONSTRUCTION JOINT**



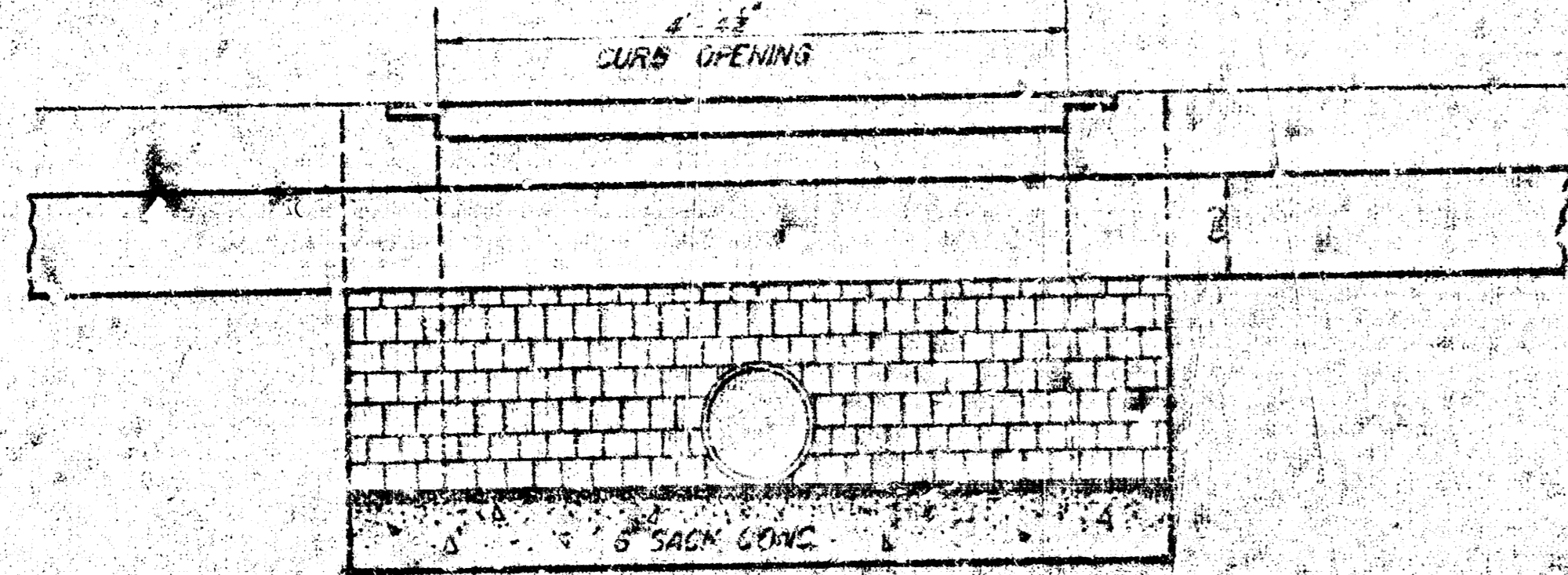
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED BY PLACING THE JOINTS AT 12" FROM THE CENTERLINE TO FACILITATE PROPER CURB CONNECTION AS SHOWN IN DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE PRICE FOR THE JOINTS. THE JOINTS SHALL BE 12" FROM THE CENTERLINE FOR JOINTS BASED ON ASPHALTIC CONCRETE SURFACES.



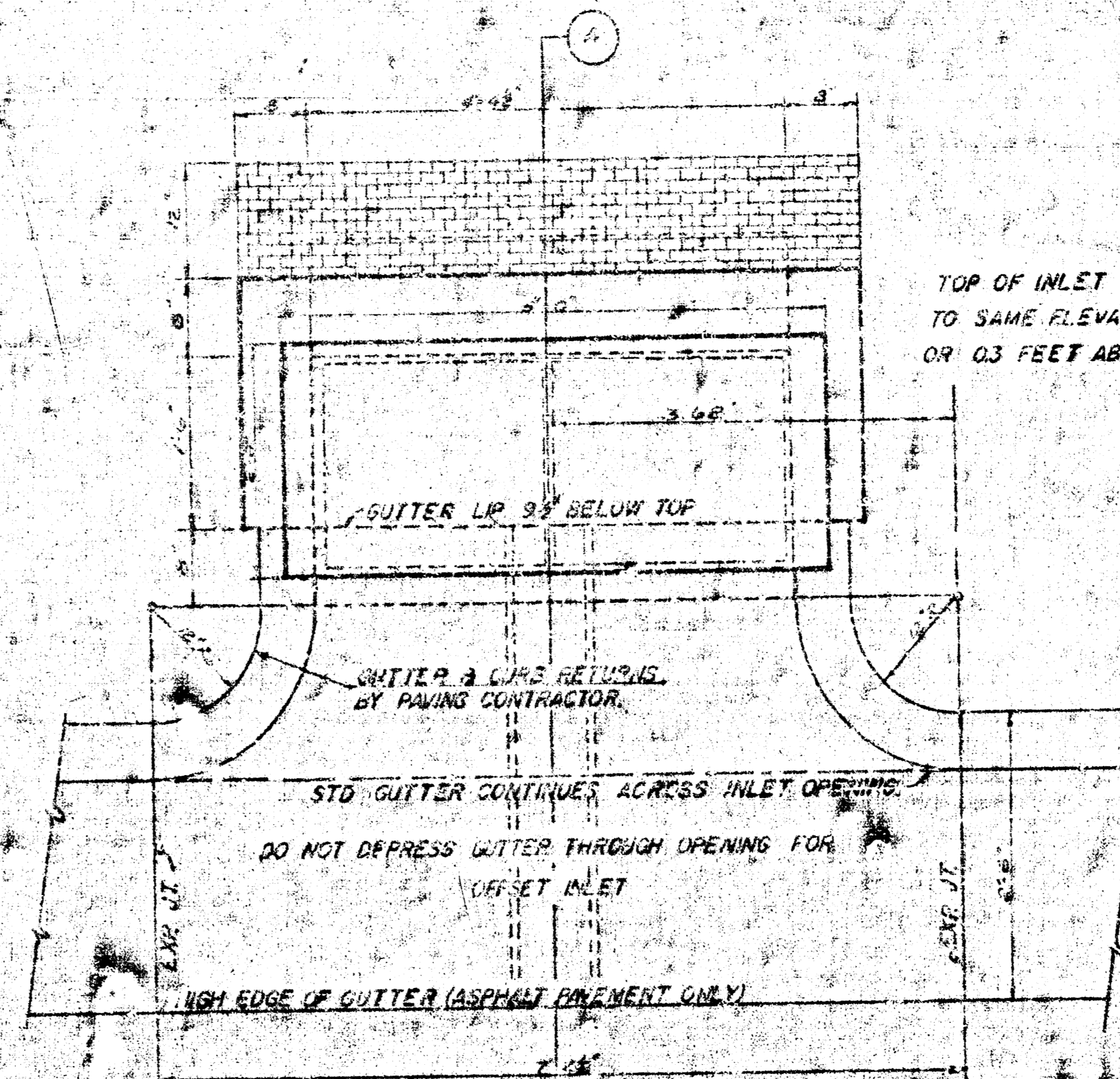
**CITY OF WICHITA KANSAS**  
 DEPARTMENT of PUBLIC WORKS - Engineering  
 Division  
 R. W. LINN CITY ENGINEER  
 DATE \_\_\_\_\_ Proj. No. \_\_\_\_\_

THIS TYPE INLET TO BE USED  
WHEN PAVEMENT IS ASPHALT  
PAVEMENT WITH ASPHALT  
BASE COURSE AND/OR WHEN  
PAVEMENTS HAVE ROLL CURB.

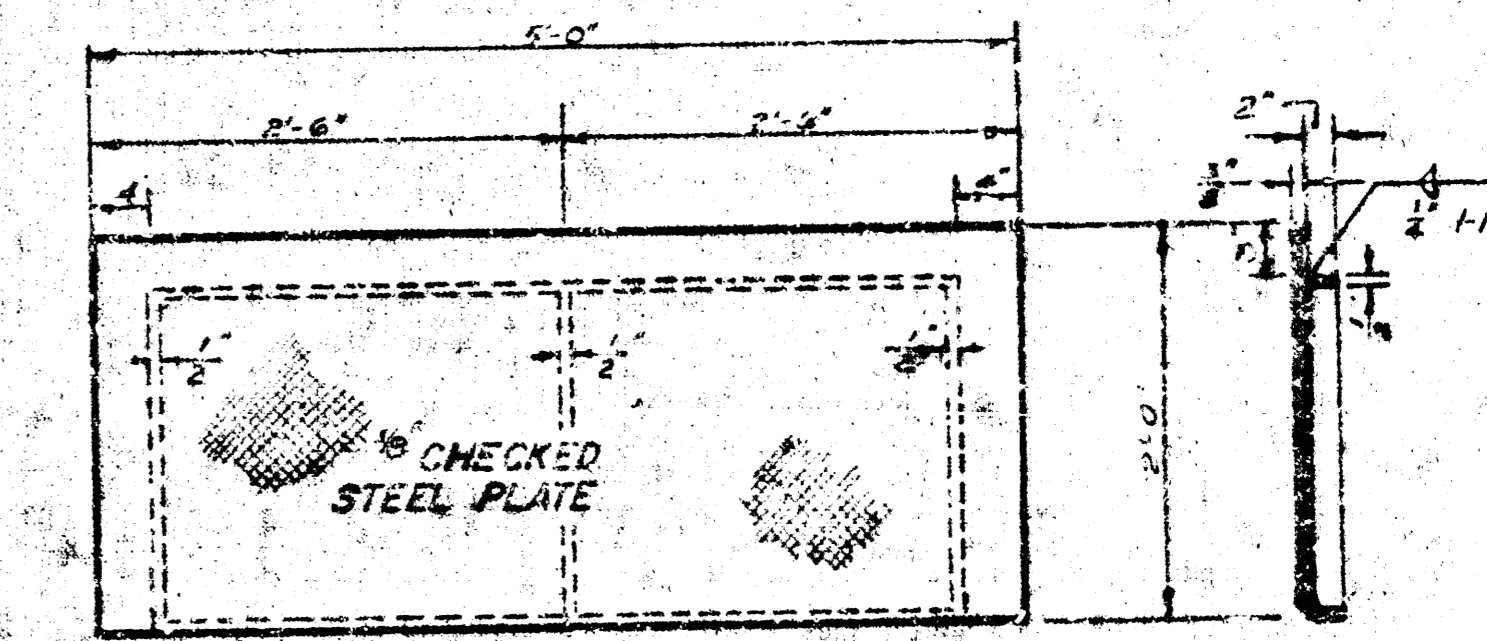
NOTE: STRUCTURAL STEEL FOR  
INLET COVER SHALL CONFORM  
WITH THE LATEST REVISION OF  
THE AMERICAN SOCIETY FOR  
TESTING AND MATERIALS  
DESIGNATION A36.



ELEVATION

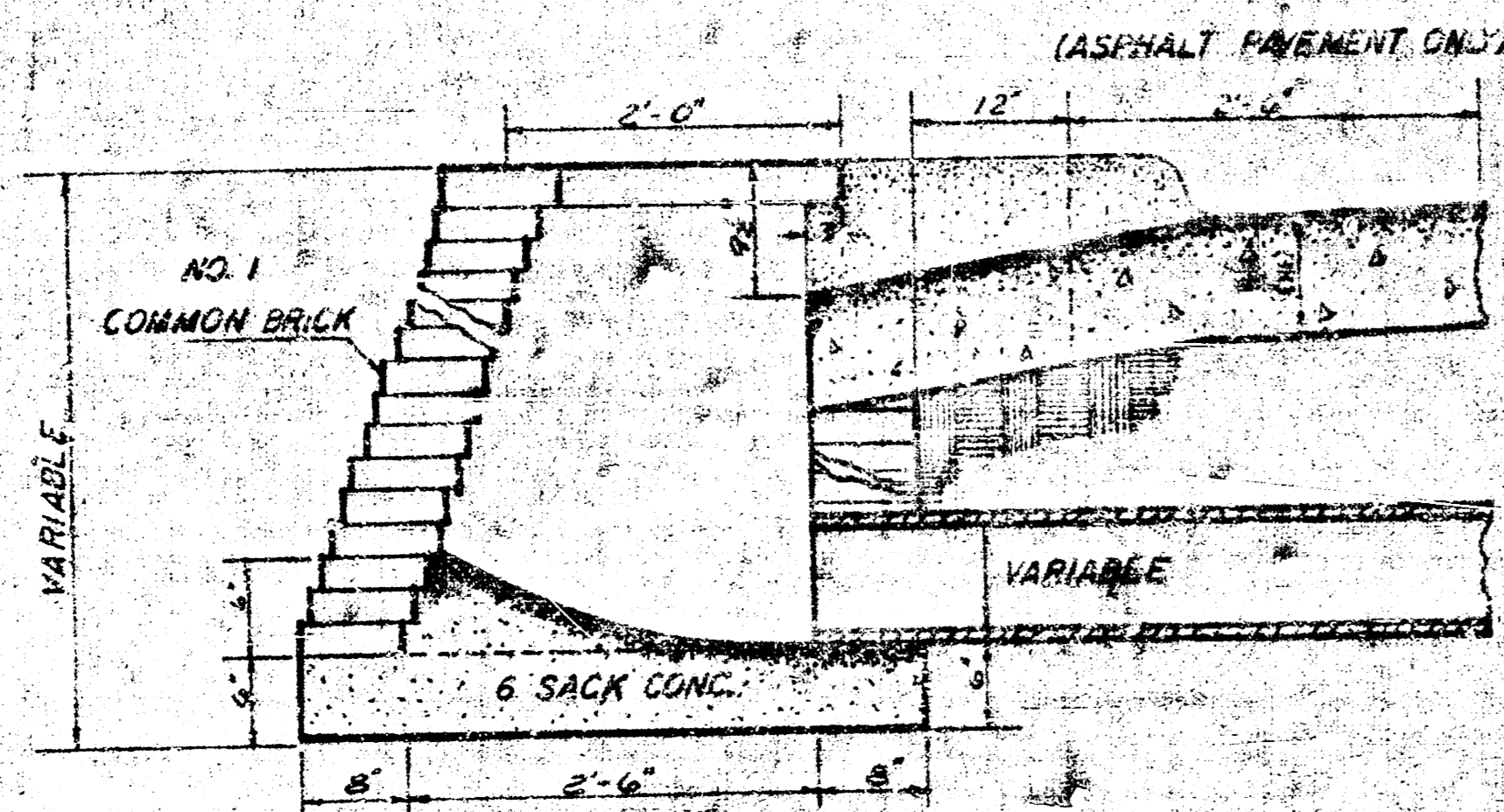


PLAN



PLAN SECTION

ELEVATION



SECTION THRU INLET  
2'x5' INLET DETAIL  
SCALE 1/4"=1'-0"

NOTE: BRICK FOR INLET CONSTRUCTION  
SHALL CONFORM WITH THE LATEST  
REVISION OF THE AMERICAN  
SOCIETY FOR TESTING AND  
MATERIALS DESIGNATION C32  
FOR MANHOLE BRICK GRADE MS.

(R) CURB & GUTTER OR PAVEMENT THICKNESS

CITY OF WICHITA  
STEEL INLET COVER  
WEIGHT-206 LBS.  
SHOP PAINT-BLACK ASPH.  
SCALE 1/4"=1'-0"

DETAIL  
STANDARD 2'x5' INLET  
(SET BACK LOCATION)

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

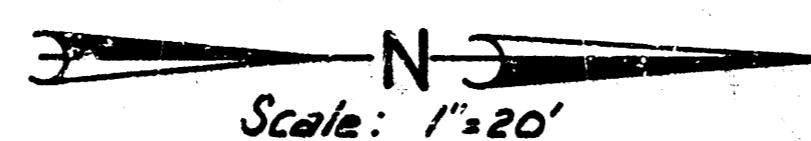
JUNE 1974

BM = 184.60 - R.R. SPIKE TOP 2' GUARD POST E. SIDE WEBB RD. APPROX. 100' N. OF N.L. BEDELL W.  
 BM = 174.71 - R.R. SPIKE S. SIDE COR. POST APPROX. 50' E. OF 1/4 SEC. COR. LINCOLN & WEBB RD.  
 BM = 176.15 - IRON IN THIMBLE 1/4 SEC. COR. LINCOLN & WEBB RD.

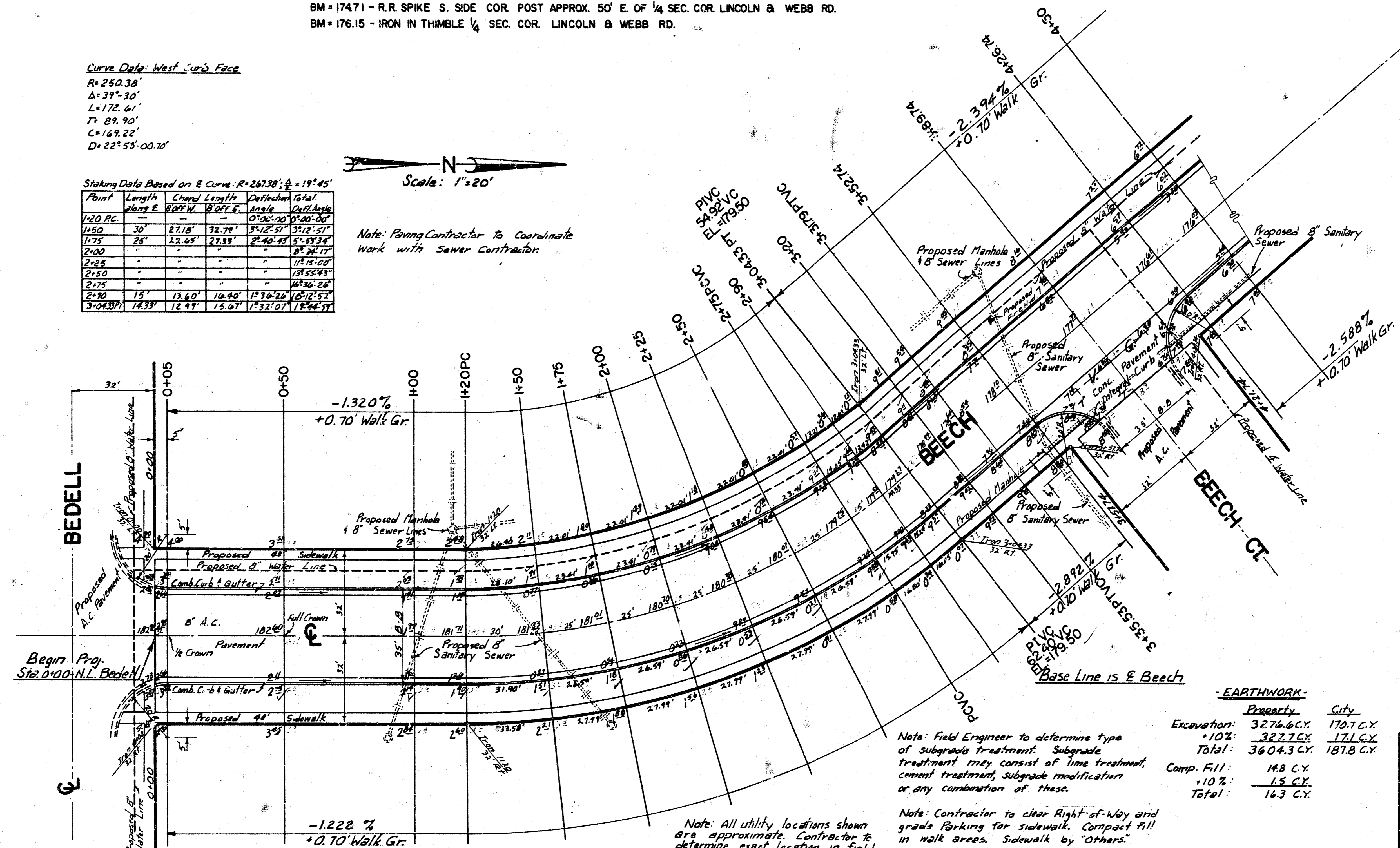
Curve Data: West Curb Face  
 R = 250.38'  
 Δ = 39° 30'  
 L = 172.61'  
 T = 89.90'  
 C = 149.22'  
 D = 22° 55' 00.70"

Staking Data Based on E Curve: R = 267.38'; Δ = 19° 45'

Point	Length along E. Curve	Chord Length	Deflection Angle	Total Chord Angle
1+20 P.C.	0.00	0.00	0° 00' 00"	0° 00' 00"
1+50	30'	22.18'	32.79'	5° 52' 51"
1+75	25'	12.65'	22.33'	8° 53' 34"
2+00	0.00	0.00	0° 00' 00"	8° 53' 34"
2+25	0.00	0.00	0° 00' 00"	17° 55' 43"
2+50	0.00	0.00	0° 00' 00"	17° 55' 43"
2+75	0.00	0.00	0° 00' 00"	17° 55' 43"
3+00	15'	13.60'	16.90'	17° 55' 43"
3+04.33 P.T.	18.33'	12.97'	15.67'	17° 55' 43"



Note: Having Contractor to Coordinate Work with Sewer Contractor.



NOTE TO FIELD ENGINEER AND CONTRACTOR:  
 LINE SLURK, WHICH IS A BY-PRODUCT OF ACETYLENE GAS PRODUCTION, MAY BE USED AS A STABILIZING AGENT IN PLACE OF HYDRATED LIME OR QUICK LIME WITH THE APPROVAL OF THE ENGINEER. COMPLETED CONSTRUCTION MUST BE EQUAL TO THAT WHICH COULD BE ACCOMPLISHED IF HYDRATED LIME OR QUICK LIME HAD BEEN USED.

Curve Data: East Curb Face  
 R = 284.38'  
 Δ = 39° 30'  
 L = 196.05'  
 T = 102.10'  
 C = 192.19'  
 D = 20° 08' 51.40"

EARTHWORK

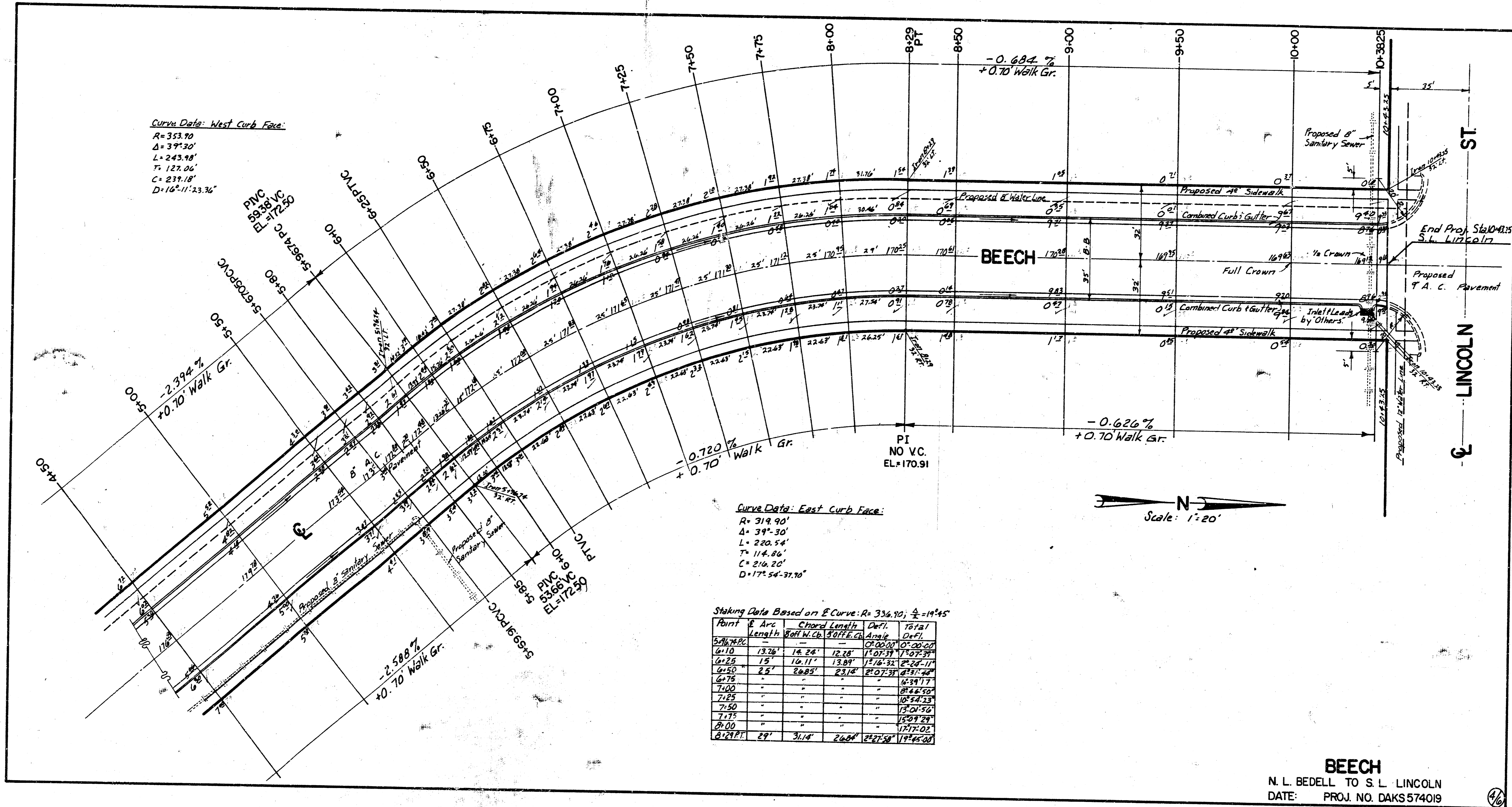
Property	City
Excavation:	3276.6 CY
+10%:	327.7 CY
Total:	3604.3 CY
Comp. Fill:	14.8 CY
+10%:	1.5 CY
Total:	16.3 CY

Note: Field Engineer to determine type of subgrade treatment. Subgrade treatment may consist of lime treatment, cement treatment, subgrade modifiers or any combination of these.  
 Note: Contractor to clear Right-of-Way and grade parking for sidewalk. Compact fill in walk areas. Sidewalk by "others".

Note: All utility locations shown are approximate. Contractor to determine exact location in field.

**BEECH**  
 N. L. BEDELL TO S. L. LINCOLN  
 30 - 2 - 34 ASPH. CONC.  
 CITY OF WICHITA — KANSAS  
 R. W. LINN — CITY ENGINEER  
 DATE: PROJ. NO. DAKS57409

Survey Plotted by R.W. Linn, City Engineer



Curve Data: West Curb Face:  
 R=353.70  
 Δ=37°20'  
 L=243.98'  
 T=122.06'  
 C=239.18'  
 D=16°11'23.36"

Curve Data: East Curb Face:  
 R=319.90'  
 Δ=39°30'  
 L=220.54'  
 T=114.06'  
 C=216.20'  
 D=17°54'37.70"

Staking Data Based on E Curve: R=336.70; Δ=19°45'

Point	E Arc Length	Chord Length	Chord Angle	Deflection	Total Stationing
5+76.70	-	-	-	0°00'00"	0+00.00
6+10	13.26'	14.24'	1°07'39"	1°07'39"	1+07.39
6+25	15'	16.11'	1°16'32"	2°24'11"	2+24.11
6+50	2.5'	26.05'	2°12'	4°36'11"	4+36.11
7+00	-	-	-	-	6+50.00
7+25	-	-	-	-	8+54.13
7+50	-	-	-	-	10+54.13
7+75	-	-	-	-	13+01.56
8+00	-	-	-	-	15+08.99
8+25	-	-	-	-	17+17.22
8+50	29'	31.14'	2°04'	19°21.26"	19+46.26

**BEECH**  
 N. L. BEDELL TO S. L. LINCOLN  
 DATE: PROJ. NO. DAKS 574019