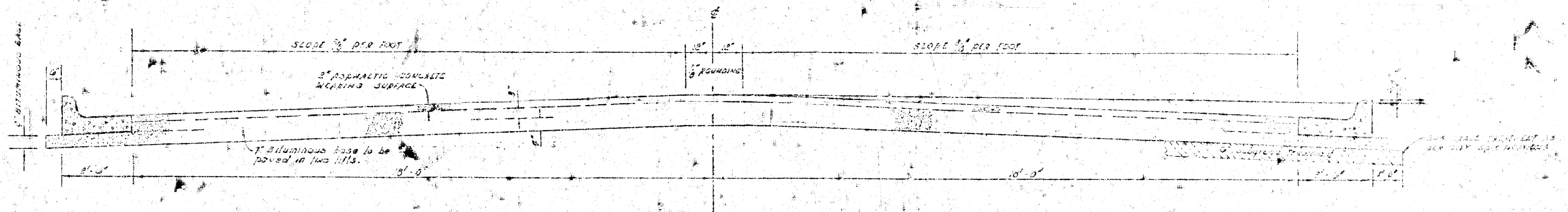


# ROCKHILL

S.L. LOT 3, BLK. 2, E.E. JABES ADDITION TO W.L. ROCK ROAD

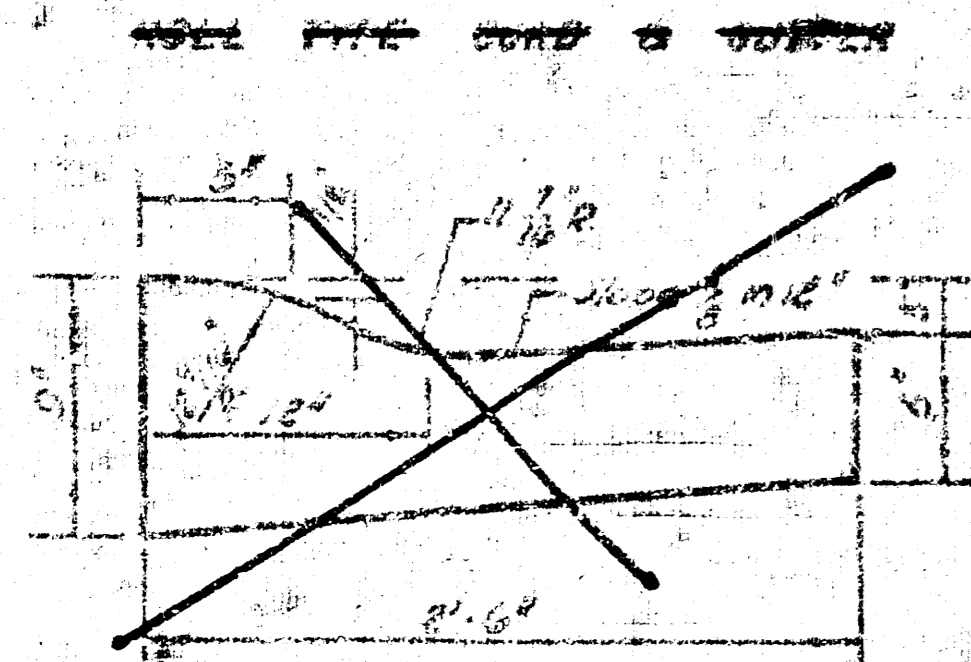
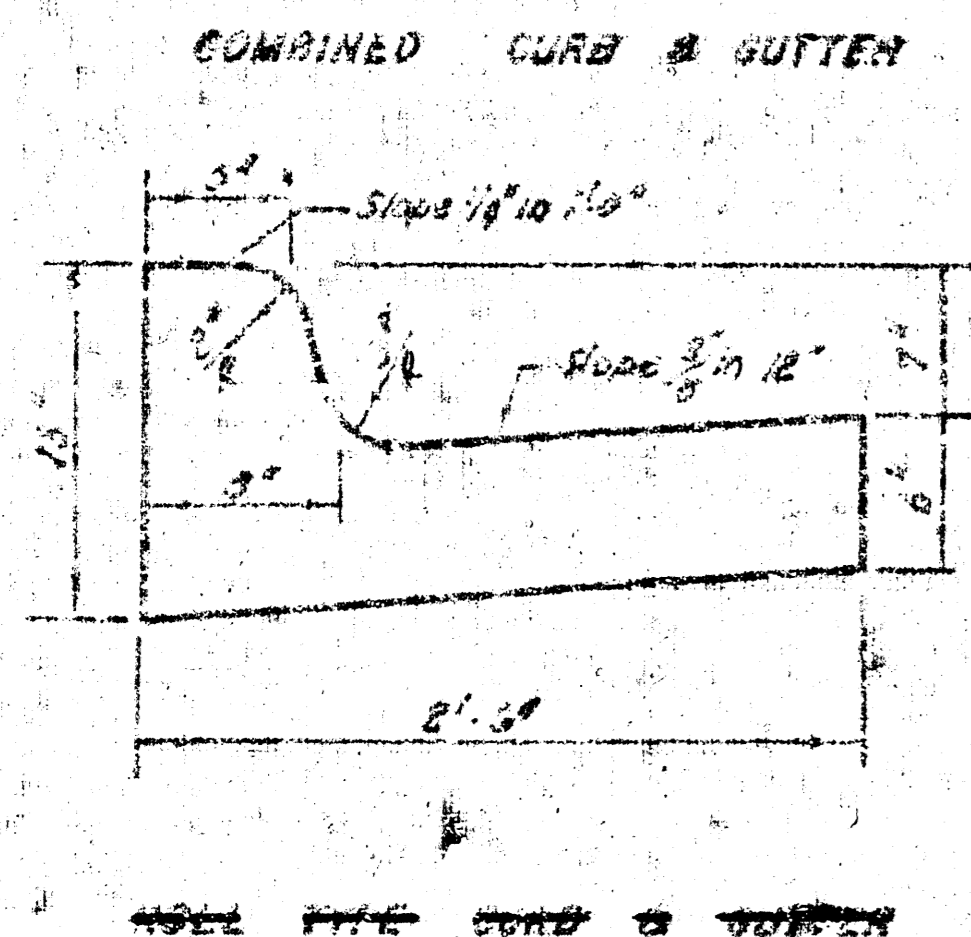


## TYPICAL SECTION

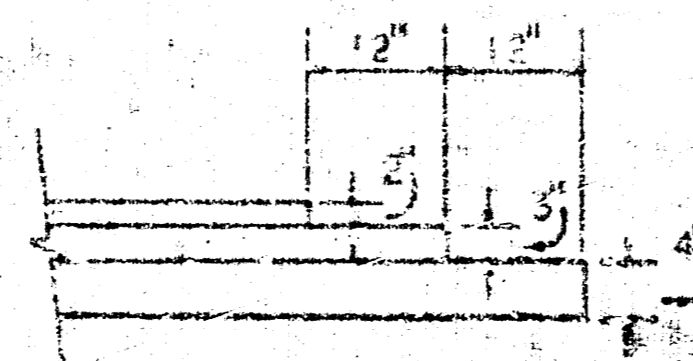
The 1/2 inch pavement between the curb and a centerline of road is to be 1/2 inch P.C. pavement. The bituminous base under the curb and centerline shall be paid at 30 yds 1/2 inch bituminous base.

### 4' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER 30 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 SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.



### DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

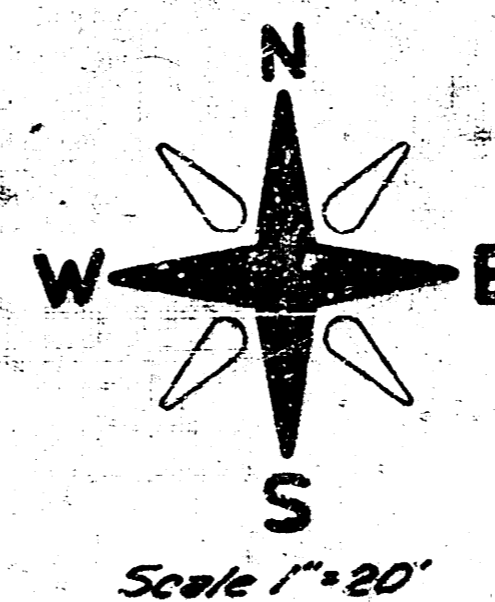


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

CITY OF WICHITA, KANSAS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 R. W. LINN CITY ENGINEER  
 DATE \_\_\_\_\_ FILE NO. DAKS 574073

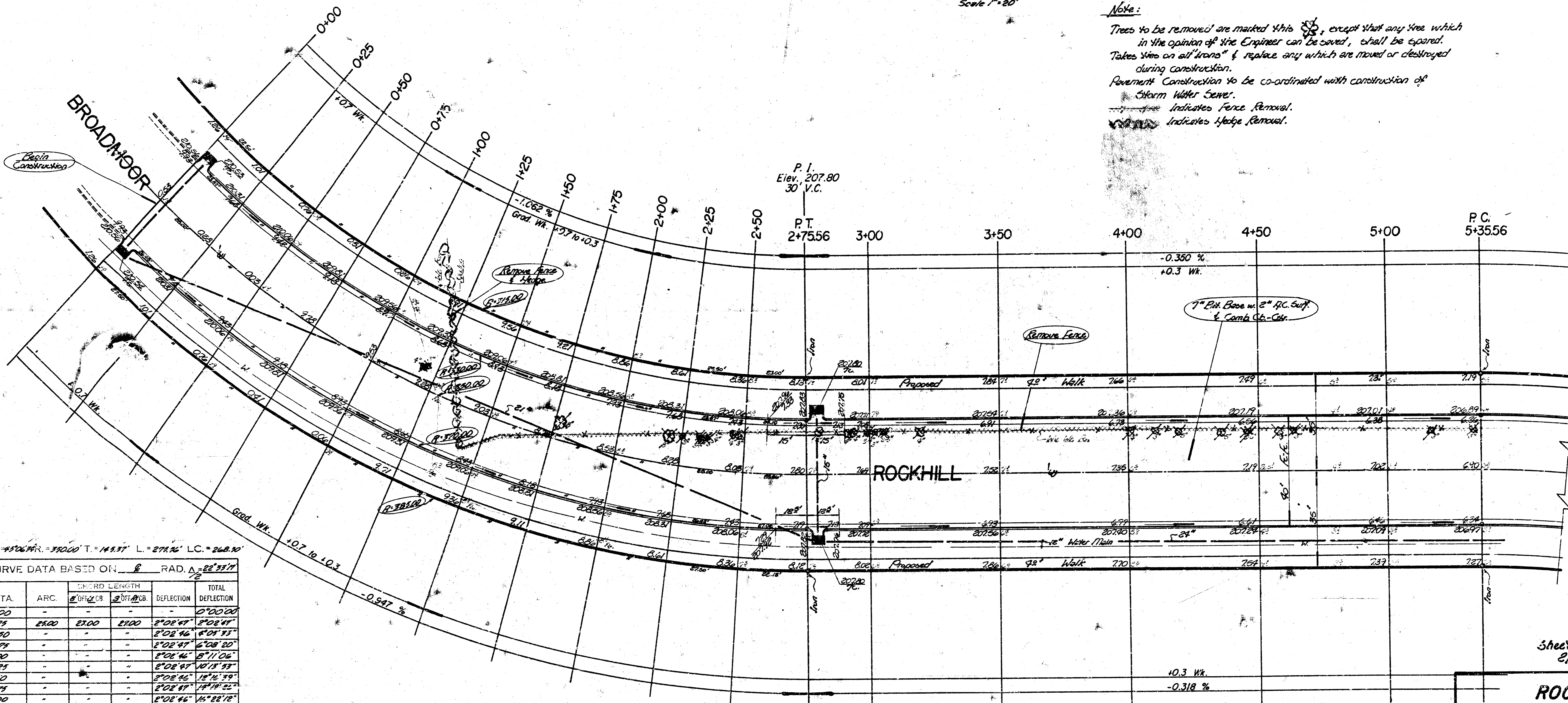
B.M. 199.70 City S.W. Rock Road & 17th St. N., 28° E. of E. Rock Road & 51° N. of RR Tracks E.  
 B.M. 207.17 R.R. Spt. S. F. Fence Post Cor., Approx. Sta. 6+75, 42° N. of E. Rock Hill.  
 B.M. 208.92 R.R. Spt. W. F. Wood Fence Post in hedge, 135° S. of E. Rock Hill & 31° E. of E. Rock Road.

Baseline to E. Rock Hill.



**Note:**

Trees to be removed are marked with  $\text{S}$ , except that any tree which in the opinion of the Engineer can be saved, shall be spared. Takes site on all "trons" & replace any which are moved or destroyed during construction.  
 Pavement Construction to be co-ordinated with construction of Storm Water Sewer.  
 $\text{---}$  Indicates Fence Removal.  
 $\text{---}$  Indicates Hedge Removal.



$\Delta = 45.06^\circ$ ,  $R = 390.0'$ ,  $T = 144.37'$ ,  $L = 278.26'$ ,  $LC = 268.20'$

CURVE DATA BASED ON  $\Delta$  RAD.  $\Delta = 22^\circ 33' 11''$

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		2 OFF CB	2 OFF CB		
0+00	-	-	-	-	0°00'00"
0+25	25.00	23.00	23.00	2°02'47"	2°02'47"
0+50	-	-	-	2°02'46"	4°05'33"
0+75	-	-	-	2°02'47"	6°08'20"
1+00	-	-	-	2°02'46"	8°11'06"
1+25	-	-	-	2°02'47"	10°13'53"
1+50	-	-	-	2°02'46"	12°16'39"
1+75	-	-	-	2°02'47"	14°19'25"
2+00	-	-	-	2°02'46"	16°22'12"
2+25	-	-	-	2°02'47"	18°24'59"
2+50	25.00	23.00	23.00	2°02'46"	20°27'45"
2+75.56	25.56	23.56	23.60	2°02'46"	22°30'31"

Def' = 4.2110671111111

**SUB-GRADE**  
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

**NOTE TO FIELD ENGINEER & CONTRACTOR**  
 Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

P.I.  
 Elev. 207.80  
 25' V.C.

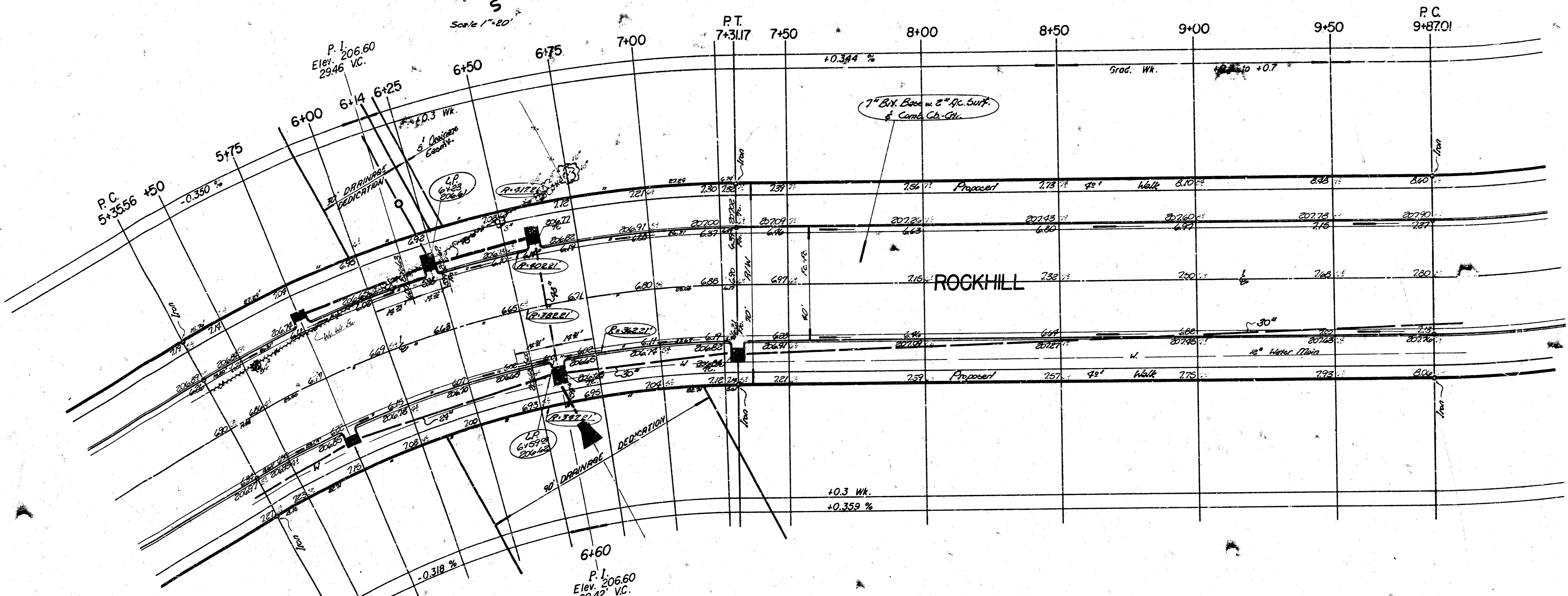
**Earthwork Quantities**

Property		City	
Excavation = 2650.3 cy.	Comp. Fill = 680.9 cy.	Excavation = 39.1 cy.	Comp. Fill = 25.7 cy.
+ 10% = 2915.3 cy.	+ 10% = 749.0 cy.	+ 10% = 43.0 cy.	+ 10% = 28.3 cy.
Total = 2915.3 cy.	Total = 749.0 cy.	Total = 43.0 cy.	Total = 28.3 cy.
Manipulation = 680.9 cy.			

Note:  
 Sheet 3 Revised  
 2/21/75

**ROCKHILL**  
 S.L. Lot 3, Blk. 2 E.E. James Adm' to WL  
 41' BB.-7' Sit.Bs. w. 2' AC. Surf.-Comb.  
**CITY OF WICHITA**  
 R. W. Linn  
 Project No.  
 Date:

City Eng.  
 DAKS 57



$\Delta = 29^\circ 22' 28''$   $R = 382.2'$   $T = 100.00'$   $L = 193.61'$   $LC = 193.61'$

CURVE DATA BASED ON  $R = 382.2'$   $\Delta = 29^\circ 22' 28''$

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		OFF CB	OFF CB		
5+75	-	-	-	-	0° 00' 00"
5+80	5'	13.30	13.30	1° 04' 36"	1° 04' 36"
5+85	10'	26.83	23.16	1° 52' 28"	2° 57' 04"
6+00	-	-	-	-	4° 49' 48"
6+25	-	-	-	-	6° 42' 14"
6+50	-	-	-	-	8° 38' 40"
6+75	-	-	-	-	10° 29' 06"
7+00	-	-	-	-	12° 19' 32"
7+25	25.00	26.83	23.16	1° 42' 26"	14° 01' 58"
7+31.17	6.17	6.62	5.72	0° 27' 48"	14° 29' 46"

Def. 4497196 Min/Ft

Revised 2-2-76

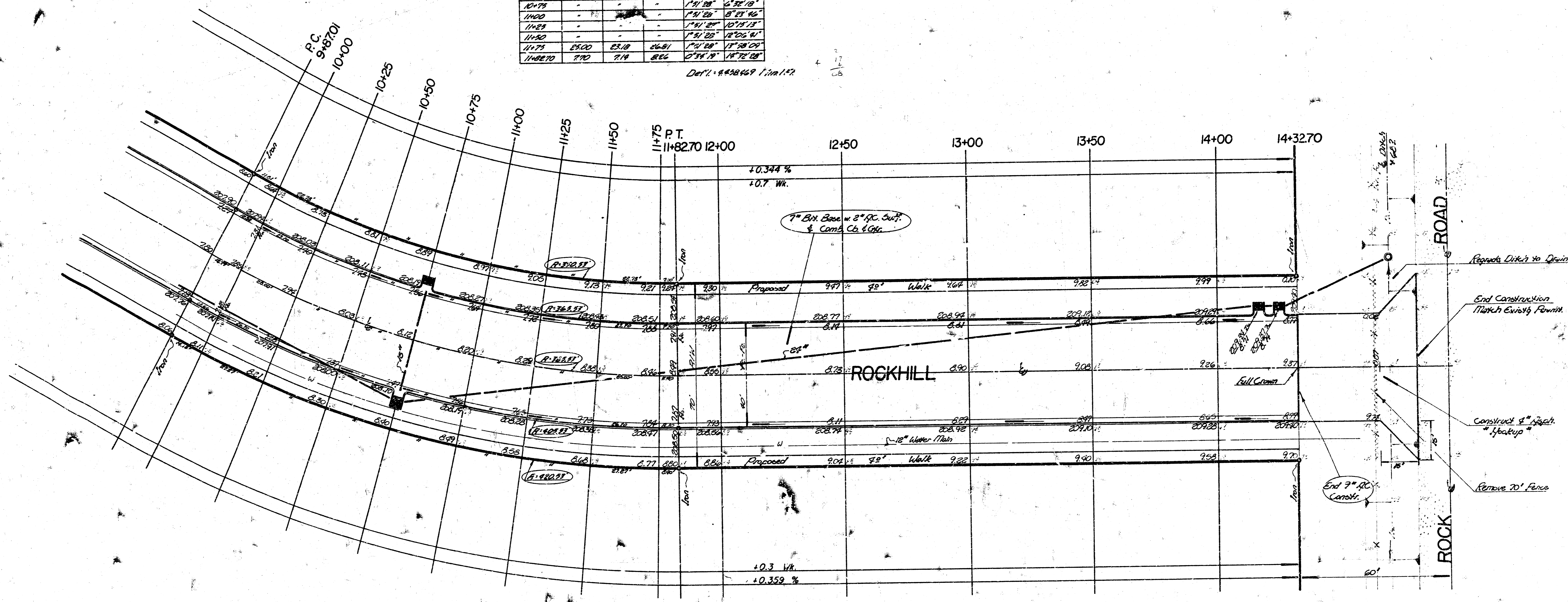
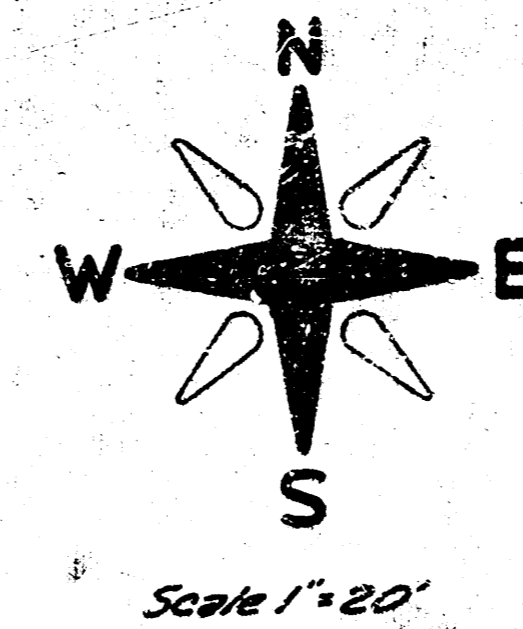
ROCKHILL  
DAKS 574073

$\Delta = 29^\circ 21' 36'' R = 385.51' T = 100.00' L = 195.69' LC = 195.59'$

CURVE DATA BASED ON  $\frac{1}{2}$  RAD  $\Delta = 14^\circ 30' 28''$

STA.	ARC	CORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		OFFSET	CHORD		
9+87.01	-	-	-	-	0° 20' 00"
10+00	12.99	12.05	13.99	0° 37' 35"	0° 57' 35"
10+25	25.00	23.18	26.81	1° 51' 28"	2° 49' 23"
10+50	-	-	-	1° 41' 27"	4° 30' 50"
10+75	-	-	-	1° 31' 26"	6° 32' 18"
11+00	-	-	-	1° 21' 25"	8° 23' 42"
11+25	-	-	-	1° 11' 24"	10° 15' 15"
11+50	-	-	-	1° 01' 23"	12° 06' 41"
11+75	25.00	23.18	26.81	1° 51' 25"	13° 58' 06"
11+82.70	7.70	7.19	8.66	0° 38' 19"	14° 36' 25"

Del' = 8.498669 1/m 1.57



ROCKHILL  
DAKS 574073