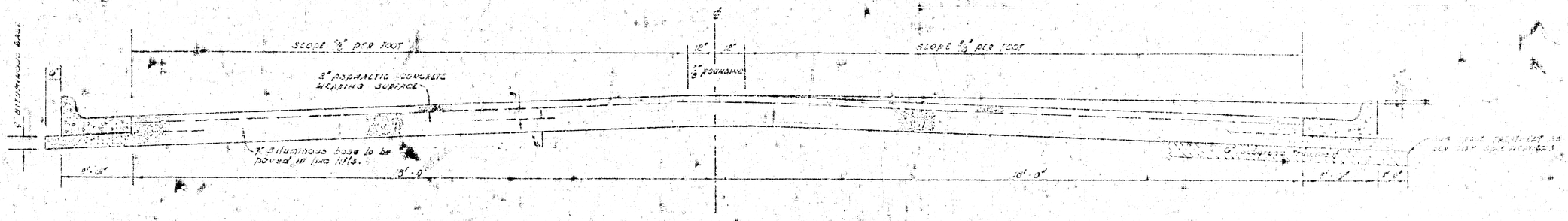
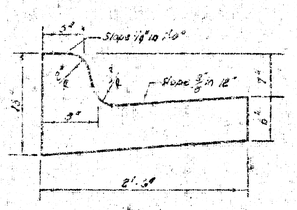
ROCKHILL

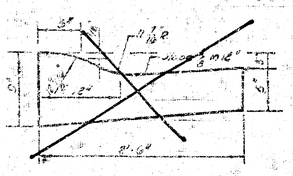
S.L. LOT 3, BLK. 2, E.E. JABES ADDITION TO W.L. ROCK ROAD



COMBINED CURB & GUTTER



~~ROLL TYPE CURB & GUTTER~~



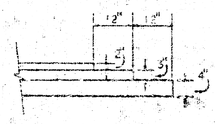
TYPICAL SECTION

41' 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 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 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.

~~The 41' pavement between the curbs and 1 course of~~
~~be paid at unit bid for 2" A.C. pavement. The bituminous course~~
~~the bituminous base under the 10'0 curb & gutter shall~~
~~be paid at unit bid for 6" bituminous base.~~

CITY OF WICHITA, KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R. WELLING CITY ENGINEER

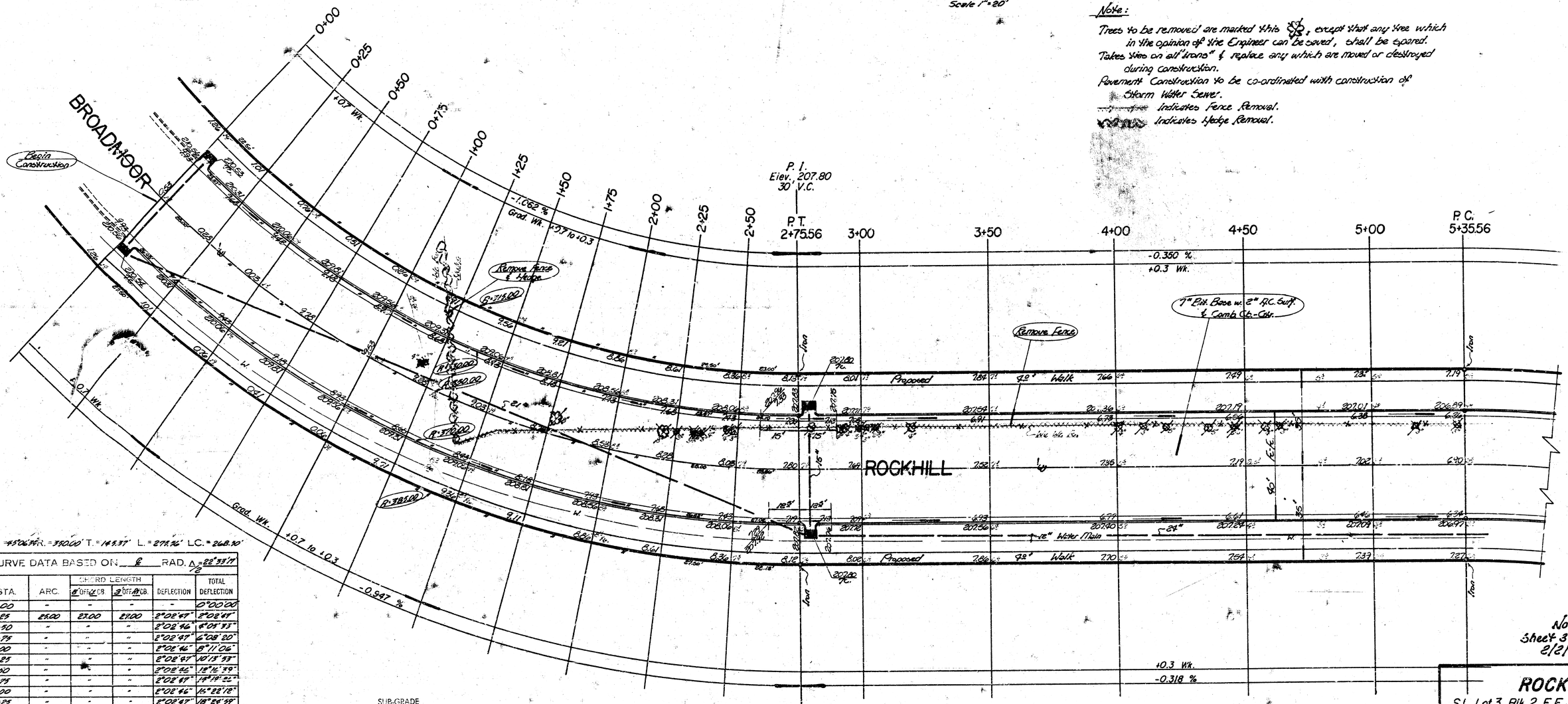
DATE _____ Proj. No. DARS 574C73

B.M. 199.70 City Std. Rock Road & 17th St. N., 28° E. of ℄ Rock Road & 51° N. of R.R. tracks ℄.
B.M. 207.17 R.R. Spk. S. Fc. Fence Post Cor., Approx. Sta. 6+75, 42° N. of ℄ Rockhill.
B.M. 208.92 R.R. Spk. W. Fc. Wood Fence Post in hedge, 135° S. of ℄ Rockhill & 31° E. of ℄ Rock Road.

Baseline is ℄ Rockhill.

N
W E
S
Scale 1" = 20'

Note:
Trees to be removed are marked thus ✱, except that any tree which in the opinion of the Engineer can be saved, shall be spared.
Takes tree on all "trans" & replace any which are moved or destroyed during construction.
Pavement Construction to be co-ordinated with construction of Storm Water Sewer.
Indicates Fence Removal.
Indicates Hedge Removal.



Δ = 45°06'48" R. = 350.00' T. = 144.37' L. = 275.76' LC. = 268.70'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 22°33'17"

STA.	ARC.	CHORD LENGTH 2' OFF ℄ CB	CHORD LENGTH 3' OFF ℄ CB	DEFLECTION	TOTAL DEFLECTION
0+00	-	-	-	-	0°00'00"
0+25	25.00	25.00	25.00	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°19'22"
2+00	"	"	"	2°02'46"	16°22'10"
2+25	"	"	"	2°02'47"	18°24'57"
2+50	25.00	25.00	25.00	2°02'46"	20°27'43"
2+75.56	25.56	25.56	25.60	2°09'32"	22°33'17"

Def'l: 4°11'06" Min/ft.

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 "O..NERS".

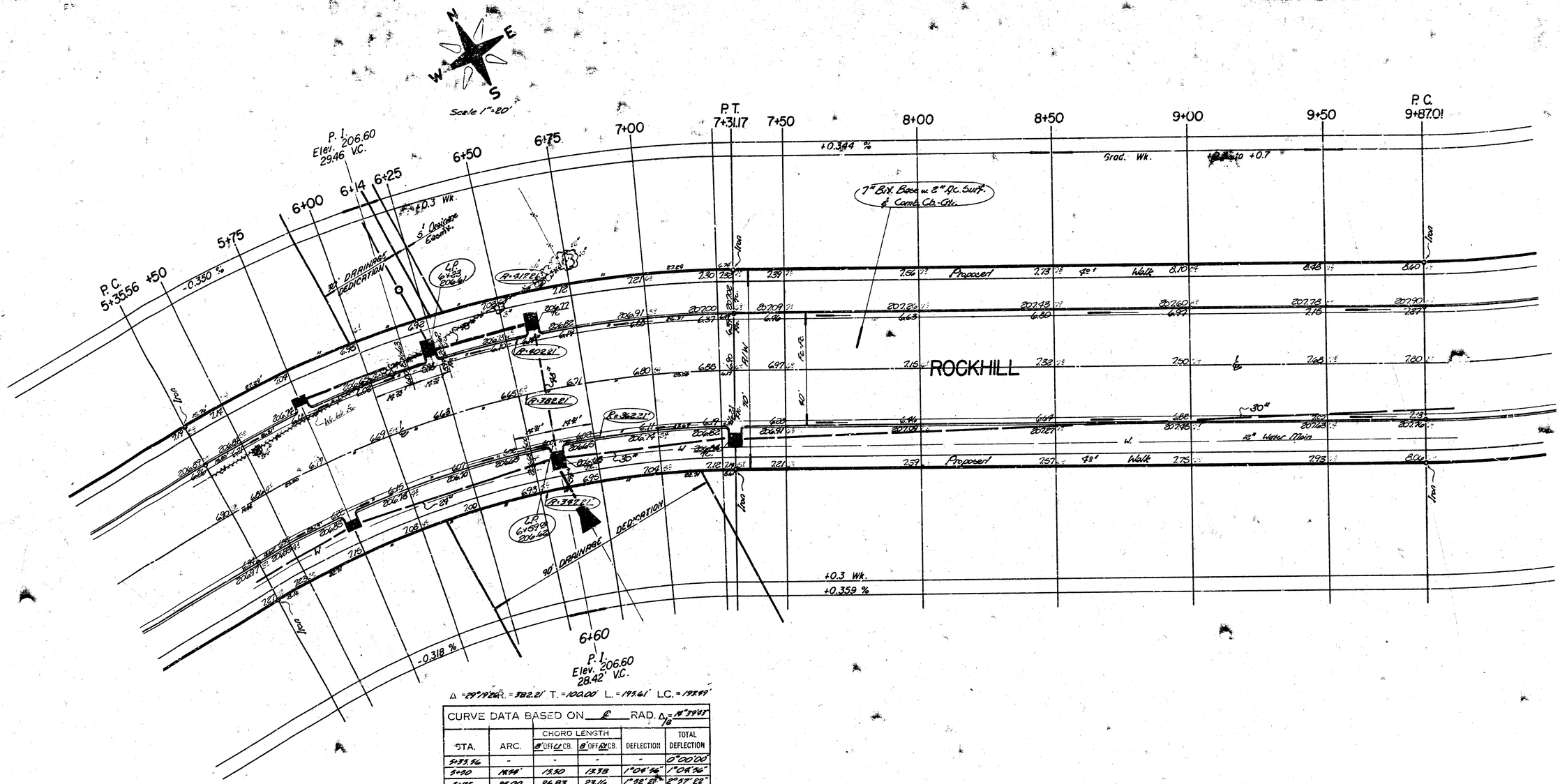
Earthwork Quantities

Property		Comp. Fill = 680.9 cy.	City		Comp. Fill = 25.7 cy.
Excavation =	8650.3 cy.		Excavation =	39.1 cy.	
+ 10 % =	365.0 cy.	+ 10 % = 68.1 cy.	+ 10 % =	3.9 cy.	+ 10 % = 2.6 cy.
Total =	2915.3 cy.	Total = 749.0 cy.	Total =	43.0 cy.	Total = 28.3 cy.

Manipulation = 6845.1 cy.

Note: Sheet 3 Revised 2/2/25

ROCKHILL
S.L. Lot 3, Blk. 2 E.E. Jobes Adn' to W.I.
41' BB.-7" Bit. Bs. w. 2" AC. Surf.-Comb.
CITY of WICHITA
R. W. Linn
Project No.
Date: _____
City Eng.
DAK's 57



Δ = 89°19'26" R. = 382.21' T. = 100.00' L. = 199.61' LC. = 193.69'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 44°39'43"

STA.	ARC.	CHORD LENGTH 8' OFF ℄ CB.	8' OFF Δ/2 CB.	DEFLECTION	TOTAL DEFLECTION
5+35.56	-	-	-	-	0°00'00"
5+20	14.44'	13.50	13.38	1°04'56"	1°04'56"
5+75	25.00	24.83	23.14	1°52'28"	2°57'22"
6+00	"	"	"	"	4°49'48"
6+25	"	"	"	"	6°42'14"
6+50	"	"	"	"	8°34'40"
6+75	"	"	"	"	10°27'06"
7+00	"	"	"	"	12°19'32"
7+25	25.00	24.83	23.14	1°52'26"	14°11'58"
7+31.17	6.17	6.62	5.72	0°27'45"	14°39'43"

Def.: 4.497196 Min/Ft.

Revised 2-2-76

ROCKHILL
DAKS 574073

Δ = 29°04'36" R. = 389.99' T. = 100.00' L. = 198.69 LC. = 196.59

CURVE DATA BASED ON ℄ RAD. Δ/2 = 14°32'28"

STA.	ARC.	CHORD LENGTH @ OFF ℄	CHORD LENGTH @ ON ℄ CB.	DEFLECTION	TOTAL DEFLECTION
9+87.01	-	-	-	-	0°00.00"
10+00	12.99	12.09	13.98	0°37'33"	0°37'33"
10+25	25.00	23.18	26.81	1°51'28"	2°29'23"
10+50	"	"	"	1°51'27"	4°20'50"
10+75	"	"	"	1°51'28"	6°12'18"
11+00	"	"	"	1°51'28"	8°03'46"
11+25	"	"	"	1°51'27"	10°15'13"
11+50	"	"	"	1°51'28"	12°06'41"
11+75	25.00	23.18	26.81	1°51'28"	13°58'09"
11+82.70	7.70	7.19	8.26	0°34'19"	14°32'28"

Def'l. = 4.458469 / in 1.0'

N

W E

S

Scale 1" = 20'

P.C. 9+87.01

10+00 10+25 10+50 10+75 11+00 11+25 11+50 11+75 P.T. 11+82.70 12+00 12+50 13+00 13+50 14+00 14+32.70

+0.344 %

+0.7 Wk.

7" Bit. Base w. 2" I.C. Surf. & Comb. Cb. & Gtr.

R=312.53' R=364.53' R=416.53' R=520.53'

Iron

Proposed 9.47 42° Walk 7.68 9.82 9.99

ROCKHILL

Full Crown

12" Water Main

End 7" I.C. Constr.

Regrade Ditch to Drain

End Construction Match Existg Pavmt.

Construct 4" Asph. "Apron"

Remove 70' Fence

ROCK ROAD

+0.3 Wk.

+0.359 %

60'

ROCKHILL
DAKS 574073