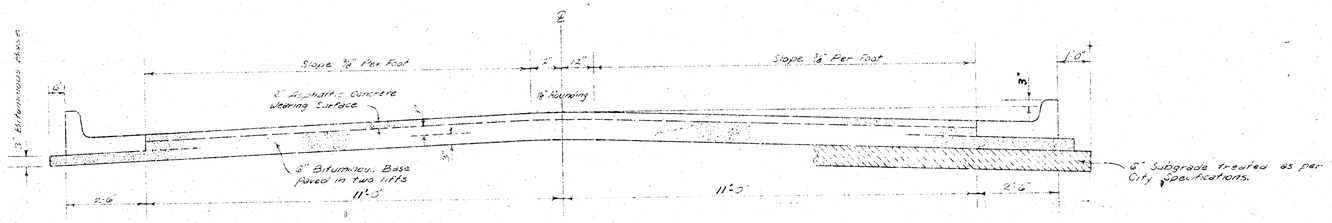
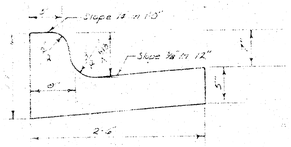
SUNCREST AVE.

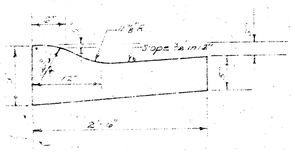
W. L. NORTHWEST PARKWAY TO W. L. RIDGE ROAD



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

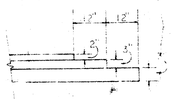
27' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 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.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sq. Yds. 8" A.C. Pavement (2" Bituminous Base) The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 3" Bituminous Base.

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.

1/9

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

R. W. LINN CITY ENGINEER

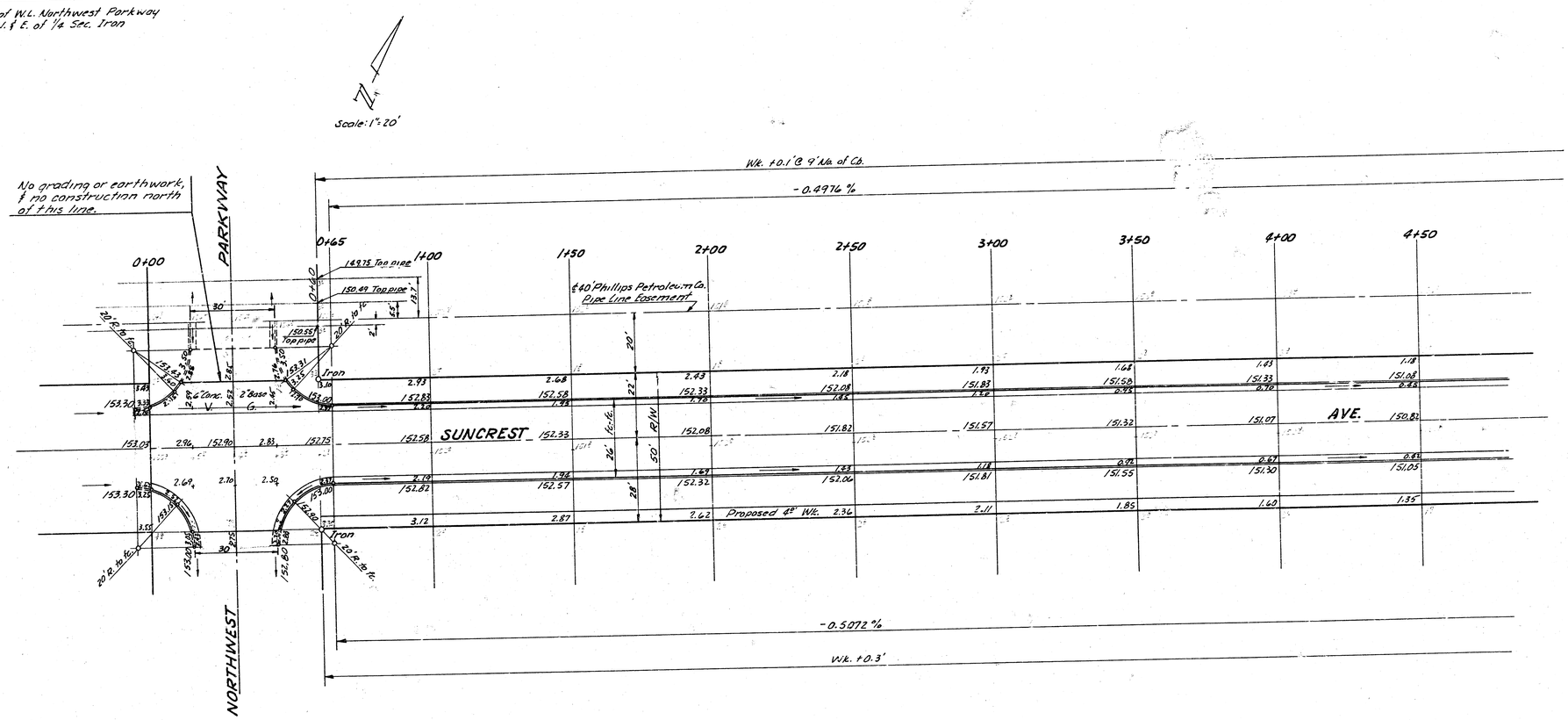
DATE: _____ PROJ. NO. DAKS 577067

1/4

FILMED FROM THE BEST AVAILABLE COPY

B.M. 152.64 "□" Top S. Cb. Timothy, 43± W. of W.L. Northwest Parkway
B.M. 142.81 City Std., 17th & Ridge Rd., N. & E. of 1/4 Sec. Iron

Scale: 1"=20'



Survey D.L.K. Eff. 760
Plan D.E.C.
Lay
Checked

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade notes and cut & fill quantities are provided for private driveway construction in the vicinity area. TO BE CONSTRUCTED BY "OTHERS".

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: Trees to be removed are marked thus X except that any tree marked for removal, which in the opinion of the Engineer can be saved, shall be spared.

Earthwork Total

	Excavation Prop.	Excavation City	Compacted Fill Prop.	Compacted Fill City
	1333.5 C.Y.	434.8 C.Y.	827.2 C.Y.	67.6 C.Y.
+10%	133.4	+10% 43.5	+10% 82.7	+10% 6.8
Total	1466.9 C.Y.	Total 478.3 C.Y.	Total 909.9 C.Y.	Total 74.4 C.Y.

Total Manipulation = 5070.4 C.Y.

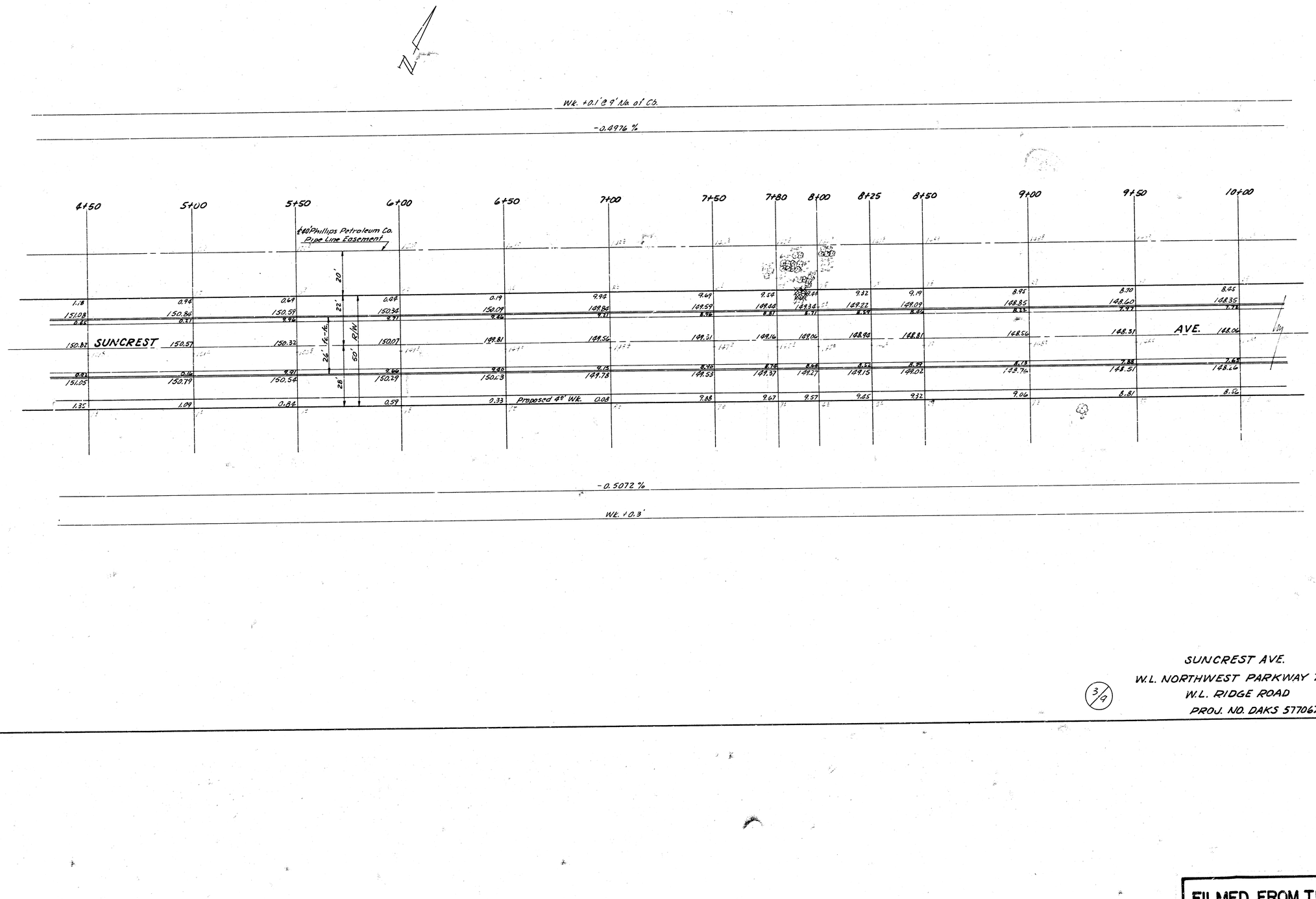
NOTE: 477.5 C.Y. Excavation from Northwest Parkway, N.L. Timothy Lane to S.L. Suncrest Ave., to be used for fill on this project.

(2/9)

SUNCREST AVE.
W.L. NORTHWEST PARKWAY TO
W.L. RIDGE ROAD
PROJ. NO. DAKS 577067

2/4

FILMED FROM THE BEST



SUNCREST AVE.
W.L. NORTHWEST PARKWAY TO
W.L. RIDGE ROAD
PROJ. NO. DAKS 577067

3/4

3/4

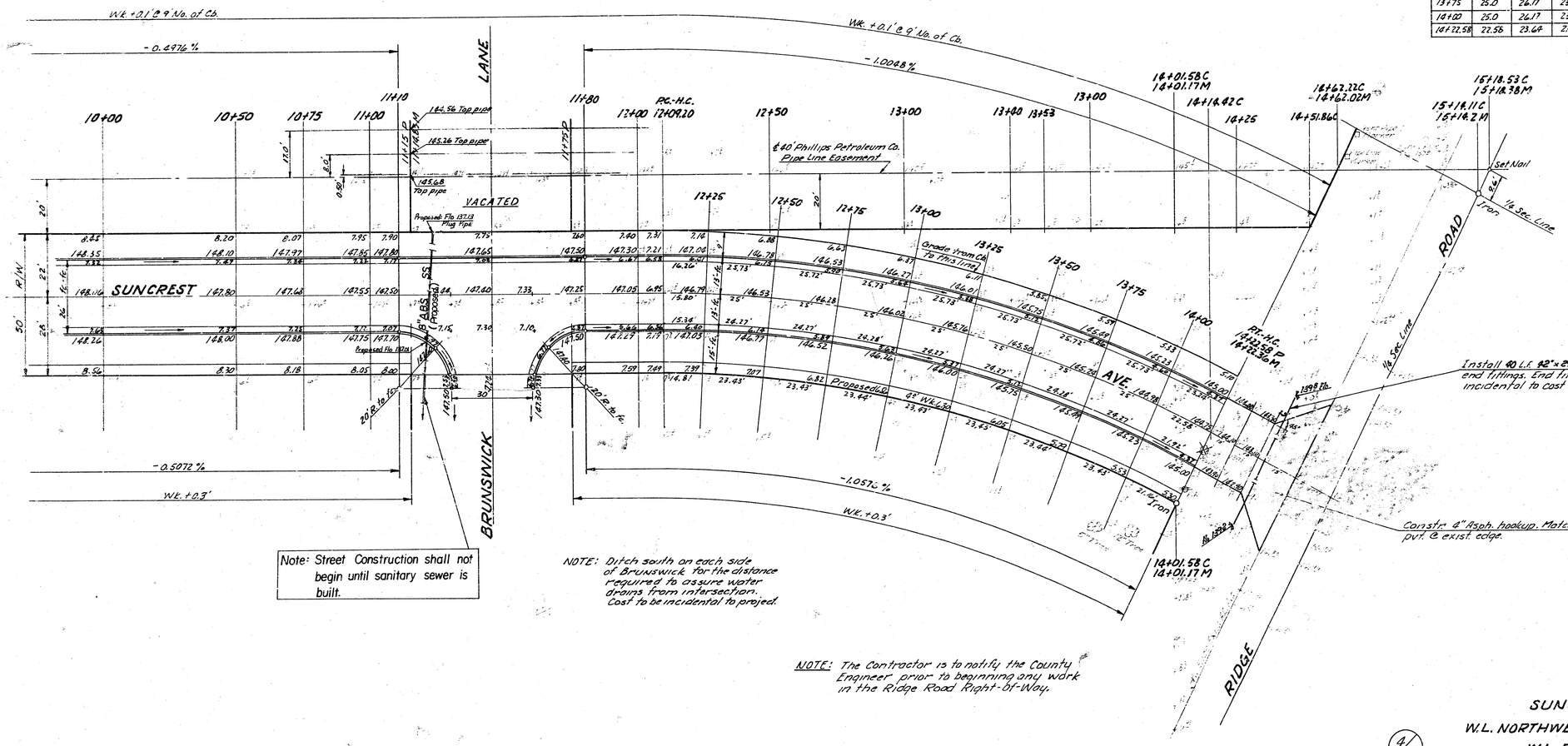
FILMED FROM THE BEST AVAILABLE COPY

NOTE: Base line and stationing for survey is on ℄ of 80' Phillips Petroleum Co. Pipe Line Easement. For pavement alignment and calculations from P.C. @ Sta. 12+09.20 to P.T. Sta. 14+11.58. Stationing is on ℄ of pavement.

Δ = 27°23' R = 446.48' T = 108.77' L = 213.38' L.C. = 211.36'

CURVE DATA BASED ON ℄ RAD. ⏥ = 12°41'30"

STA.	ARC	CHORD LENGTH 20 OFFSET @	CHORD LENGTH 10 OFFSET @	DEFLECTION	TOTAL DEFLECTION
12+01.2	——	——	——	0°00'00"	0°00'00"
12+25	15.80	16.58	15.06	1°00'49"	1°00'49"
12+50	25.0	26.17	23.82	1°36'15"	2°37'06"
12+75	25.0	26.17	23.82	1°36'15"	4°13'19"
13+00	25.0	26.17	23.82	1°36'15"	5°49'36"
13+25	25.0	26.17	23.82	1°36'15"	7°25'49"
13+50	25.0	26.17	23.82	1°36'15"	9°02'06"
13+75	25.0	26.17	23.82	1°36'15"	10°38'19"
14+00	25.0	26.17	23.82	1°36'15"	12°16'36"
14+22.58	22.58	23.69	21.52	1°26'56"	13°01'30"



Note: Street Construction shall not begin until sanitary sewer is built.

NOTE: Ditch south on each side of Brunswick for the distance required to assure water drains from intersection. Cost to be incidental to project.

NOTE: The Contractor is to notify the County Engineer prior to beginning any work in the Ridge Road Right-of-Way.

SUNCREST AVE.
W.L. NORTHWEST PARKWAY TO
W.L. RIDGE ROAD
PROJ. NO. DAKS 577067

4/9

4/4

FILMED FROM THE BEST AVAILABLE COPY