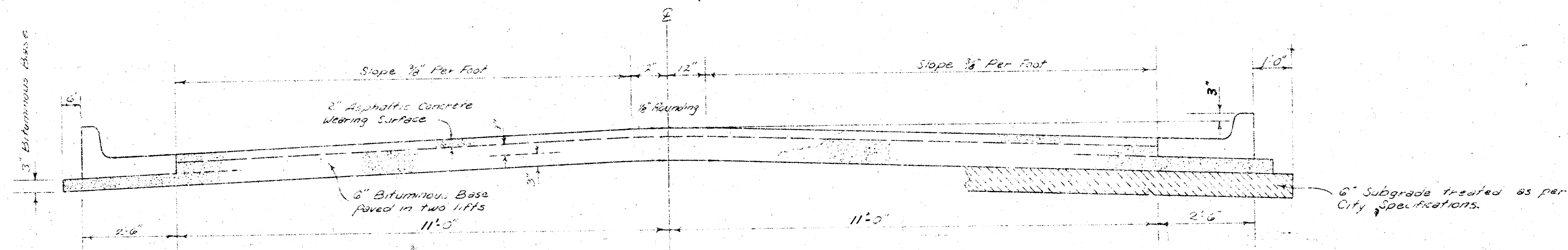


SUNCREST AVE.

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



TYPICAL SECTION

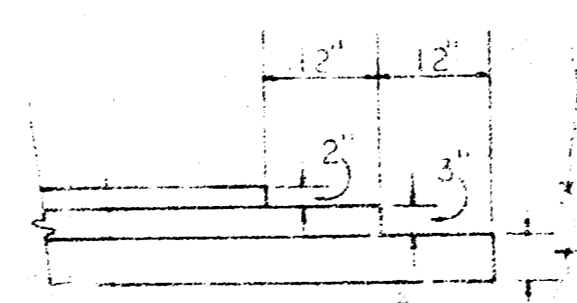
27' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

The A.C. pavement between the Comb. Curb & gutter shall be paid as 3" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & gutter shall be paid as 3" 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.

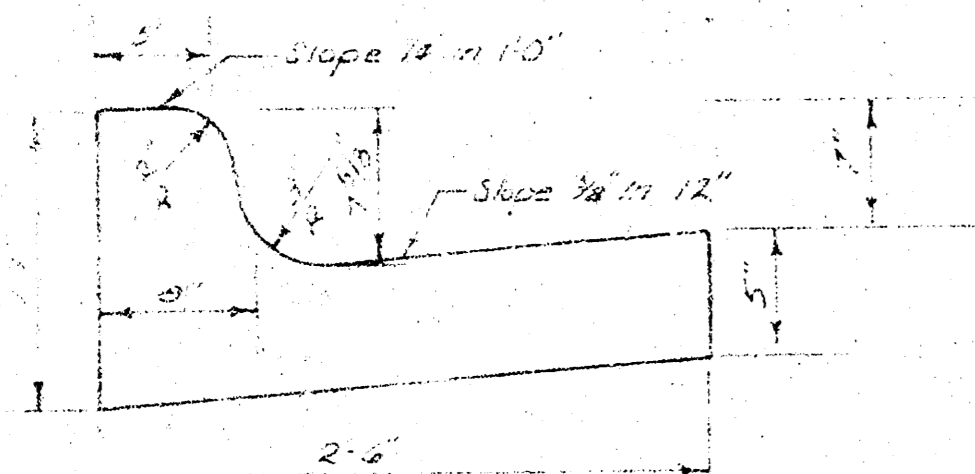
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

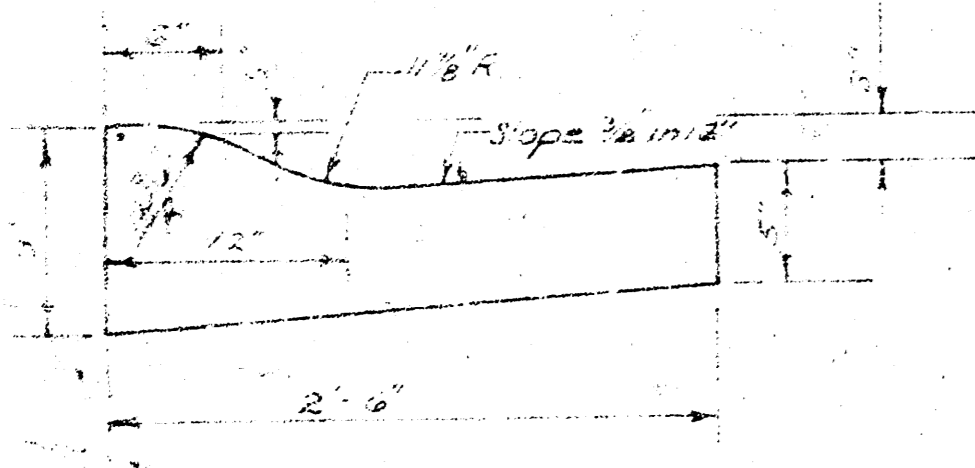


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA, KANSAS

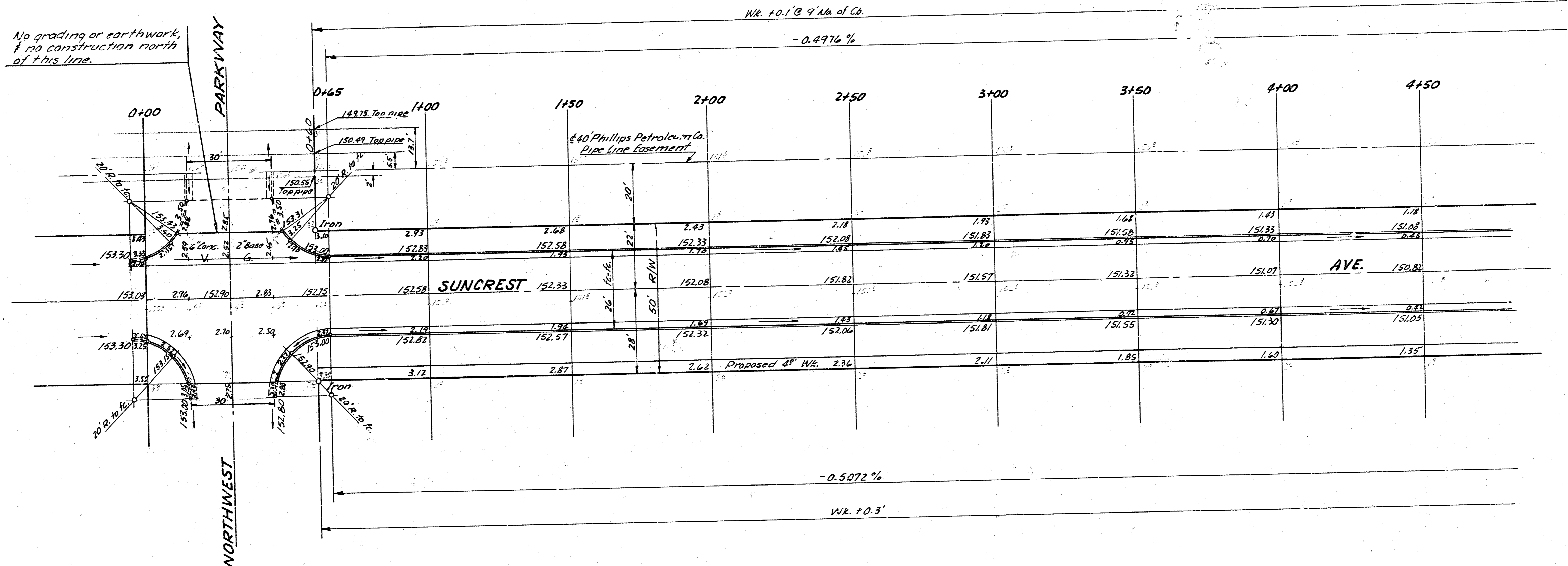
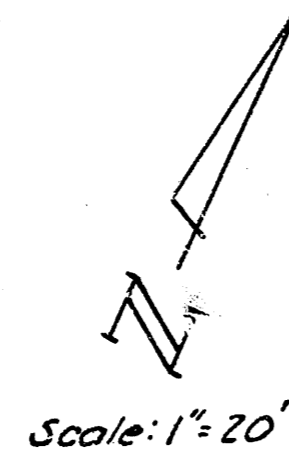
DEPARTMENT OF PUBLIC WORKS — ENGINEERING

R. W. LINN CITY ENGINEER

DATE _____ PROJ. NO. DAKS 577067

1/9

B.M. 152.64 Top S. Co. Timothy, 43° W. of W.L. Northwest Parkway
 B.M. 142.81 City Std., 17° E. of Ridge Rd., N. E. of 1/4 Sec. 17



No grading or earthwork,
 & no construction north
 of this line.

Wk. +0.1' @ 9' W. of Co.

-0.4976%

-0.5072%

Wk. +0.3'

Survey D.L.K. Bk. 760
 Plan D.E.C.
 Exp. C.H.K.

NOTE TO THE ENGINEER & CONTRACTOR
 Gravel shall be used as a subgrade for
 proposed 4-inch compact fill in driveway areas
 to be constructed by others.

SUBGRADE
 TYPE OF SUBGRADE TREATMENT SHALL BE DE-
 TERMINED BY THE FIELD ENGINEER. SUB-GRADE
 TREATMENT MAY CONSIST OF LIME TREATMENT,
 CEMENT TREATMENT, SUBGRADE MODIFICA-
 TION, OR ANY COMBINATION OF THESE.

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

Excavation		Compacted Fill	
Prop.	City	Prop.	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.

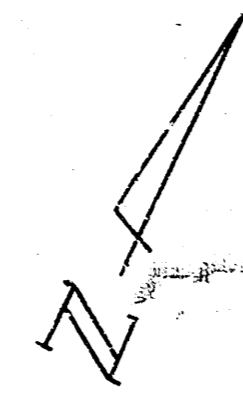
NOTE: 477.5 C.Y. Excavation from Northwest
 Parkway, N.L. Timothy Lane to S.L. Suncrest
 Ave., to be used for fill on this project.

Total Manipulation = 5070.4 C.Y.

2/9

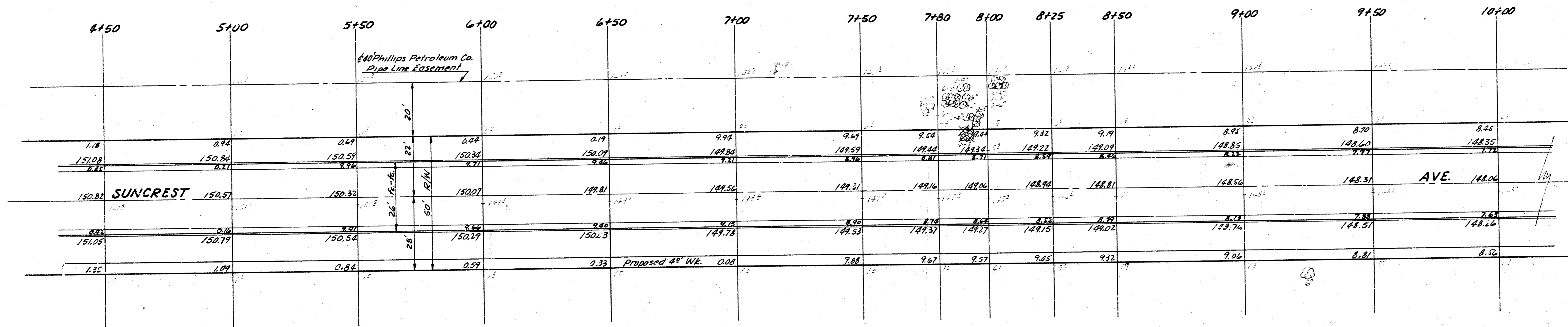
SUNCREST AVE.
 W.L. NORTHWEST PARKWAY TO
 W.L. RIDGE ROAD
 PROJ. NO. DAKS 577067

2/12



Wk. +0.1 @ 9' N. of Cb.

-0.4976 %



-0.5072 %

Wk. +0.3

3/9

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

3/4

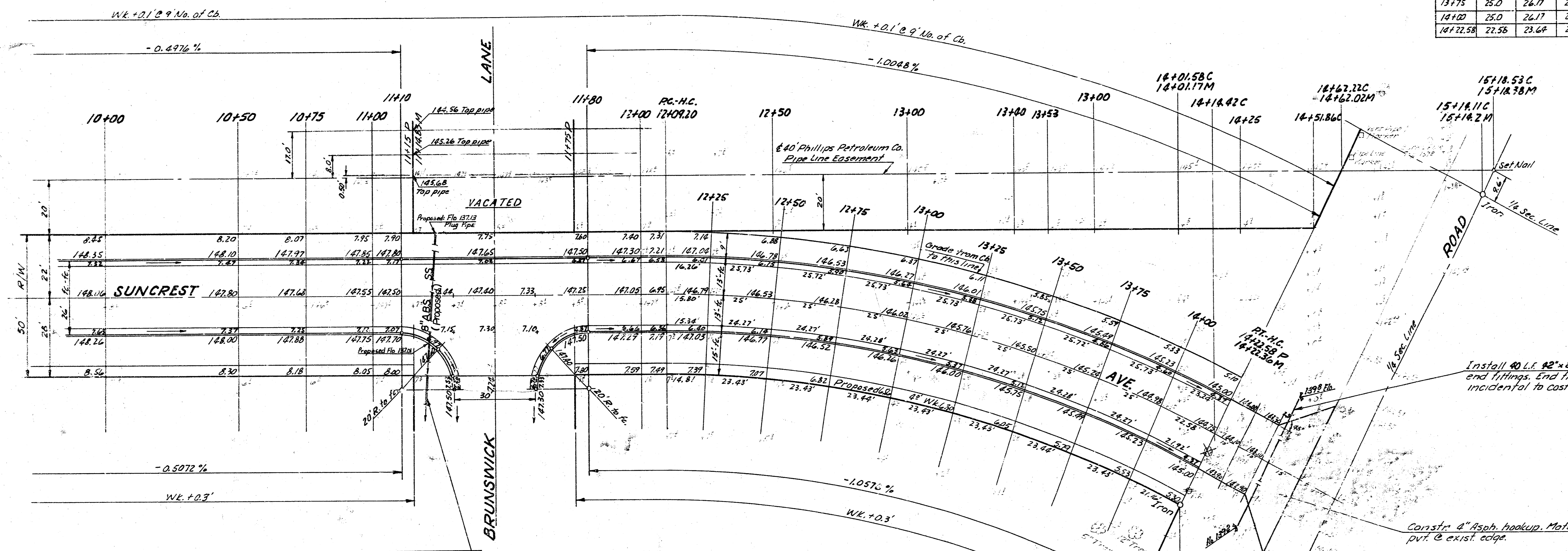
FILMED FROM THE BEST
AVAILABLE COPY

NOTE: Base line and stationing for survey is on E 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+01.58. Stationing is on E of pavement.

$\Delta = 27^{\circ} 23' R = 446.45' T = 108.77' L = 213.35' L.C. = 211.36'$

CURVE DATA BASED ON $\Delta = 12^{\circ} 41' 30''$

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
12+01.2			0° 00' 00"	0° 00' 00"
12+25	15.80	16.54	1° 00' 49"	1° 00' 49"
12+50	25.0	26.17	1° 36' 15"	2° 37' 06"
12+75	25.0	26.17	1° 36' 15"	4° 13' 19"
13+00	25.0	26.17	1° 36' 15"	5° 49' 34"
13+25	25.0	26.17	1° 36' 15"	7° 25' 49"
13+50	25.0	26.17	1° 36' 15"	9° 02' 06"
13+75	25.0	26.17	1° 36' 15"	10° 38' 19"
14+00	25.0	26.17	1° 36' 15"	12° 14' 34"
14+01.58	22.56	23.64	2° 52'	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.

Install 40 L.F. 22" x 29" CMPA 4 Flared end fittings. End fittings to be incidental to cost of pipe.

Const. 2" Asph. hookup. Match pvt. & exist. edge.

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

4/9

4/4