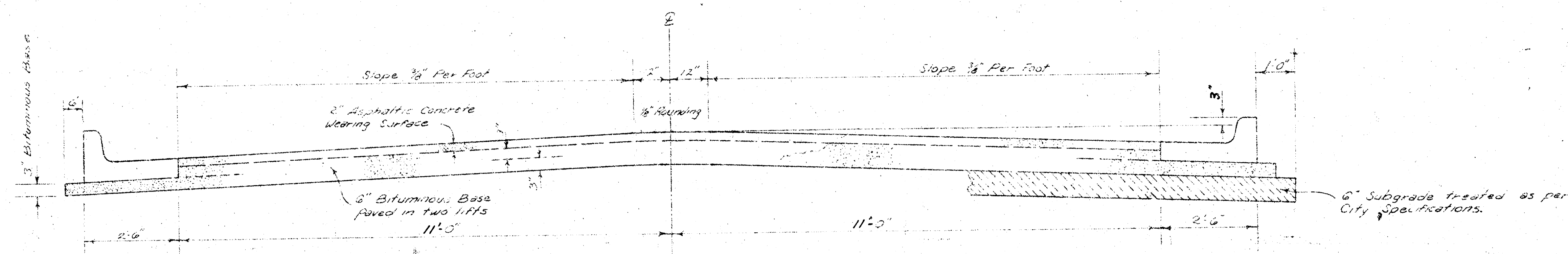


SUNCREST AVE.

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



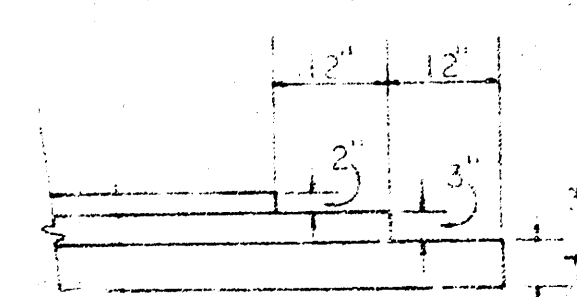
TYPICAL SECTION

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.

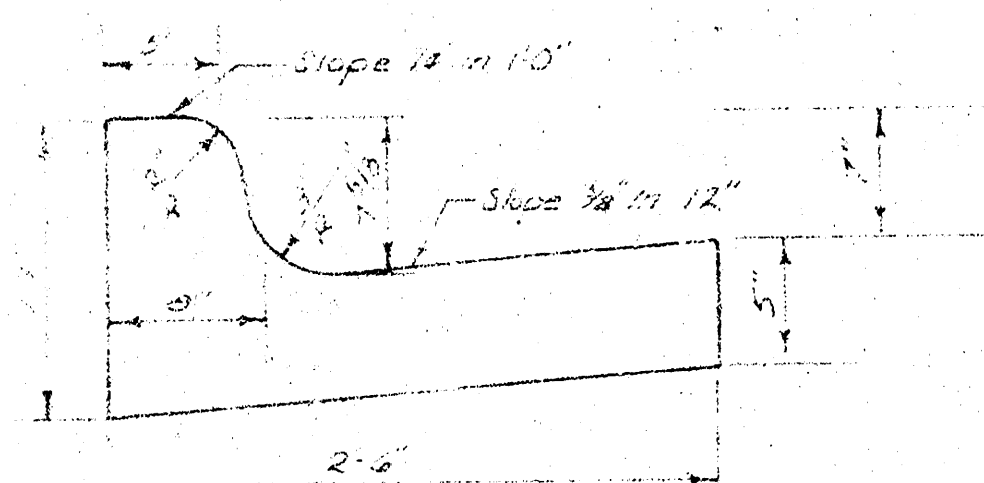
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



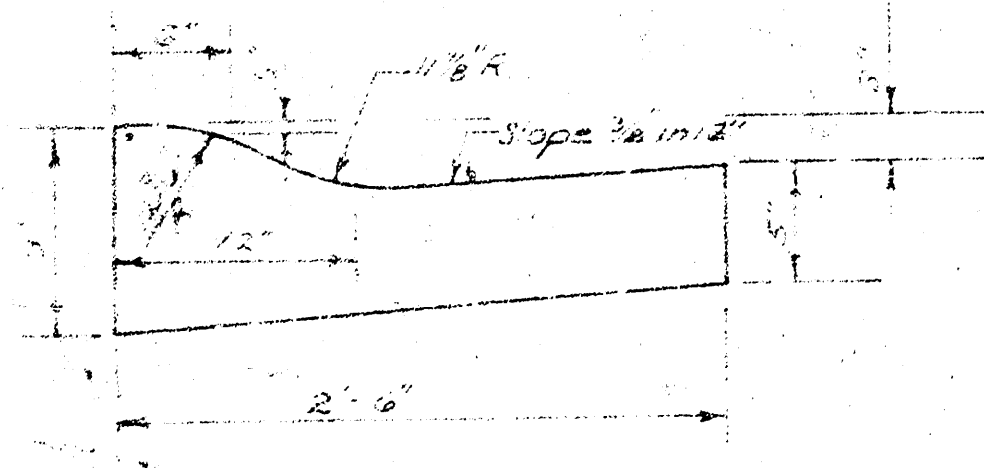
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The A.C. pavement between the Comb. Curb & gutter shall be paid as 2" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & gutter shall be paid as 3" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

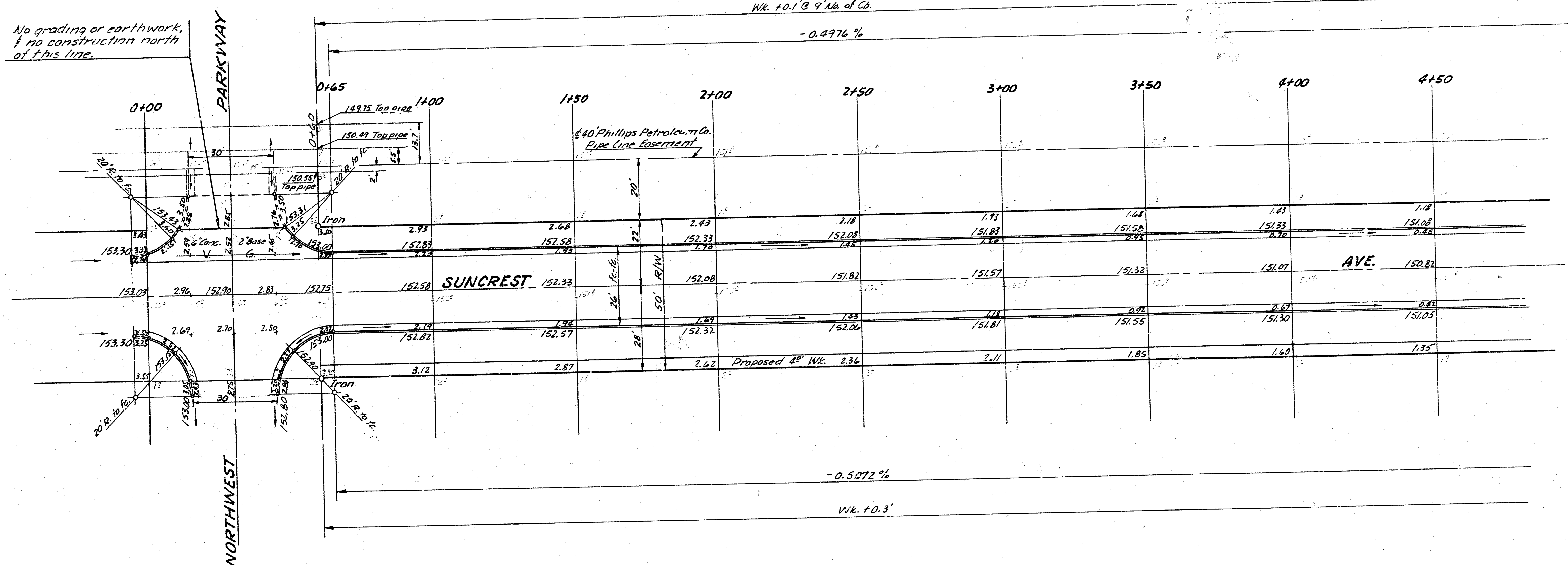
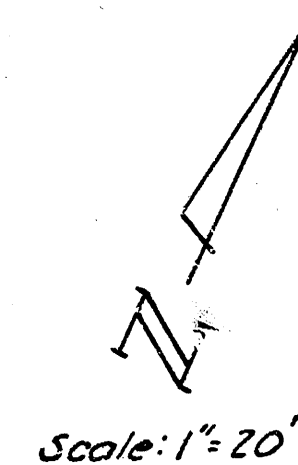
R. W. LINN

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. 18



Survey D.L.K. Bk 760
 Plan D.E.C.
 Lst.
 Checked

NOTE TO FIELD ENGINEER & CONTRACTOR
 Gravel, sand, and stone quantities for proposed drainage, compact fill in subgrade area, to be furnished by contractor.

SUBGRADE
 TYPE OF SUBGRADE MATERIAL SHALL BE DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION, 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.

Earthwork Total			
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.

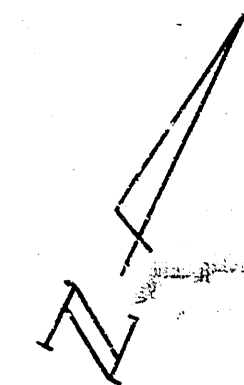
Total Manipulation = 5070.4 C.Y.

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

2/9

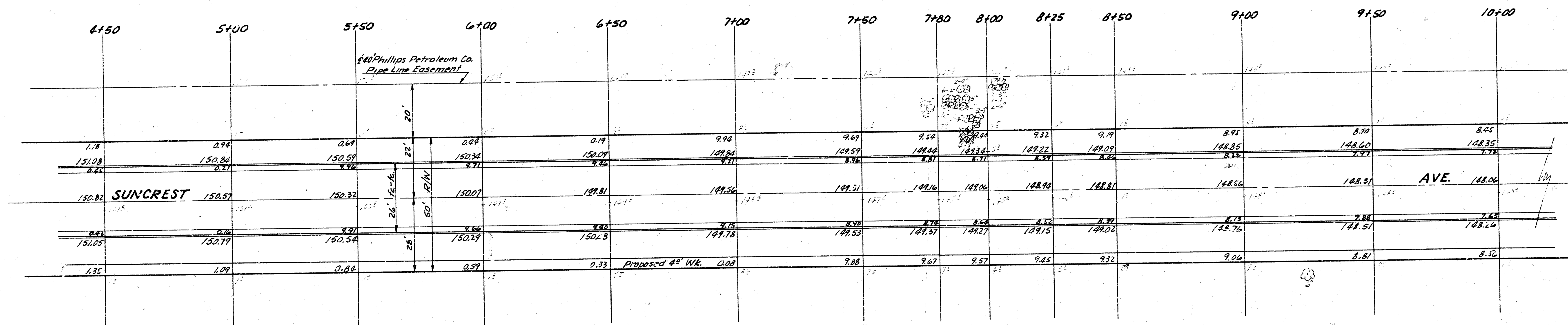
SUNCREST AVE.
 W.L. NORTHWEST PARKWAY TO
 W.L. RIDGE ROAD
 PROJ. NO. DAKS 577067

2/4



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

-0.4976 %



-0.5072 %

Wk. +0.3'

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

3/9

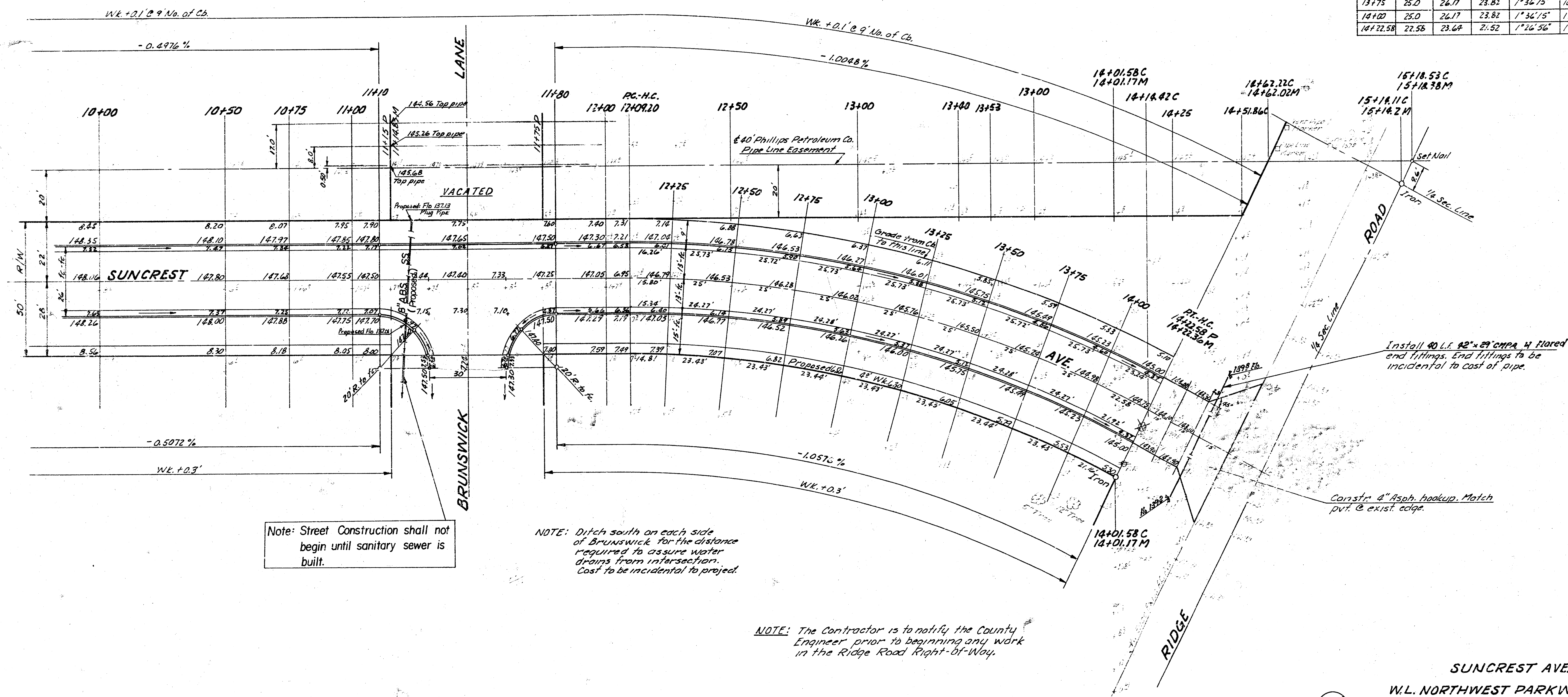
3/4

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	DEFLECTION
			OFFSET	TOTAL
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"	9'02'08"
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	1'26'56"	13'41'30"



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