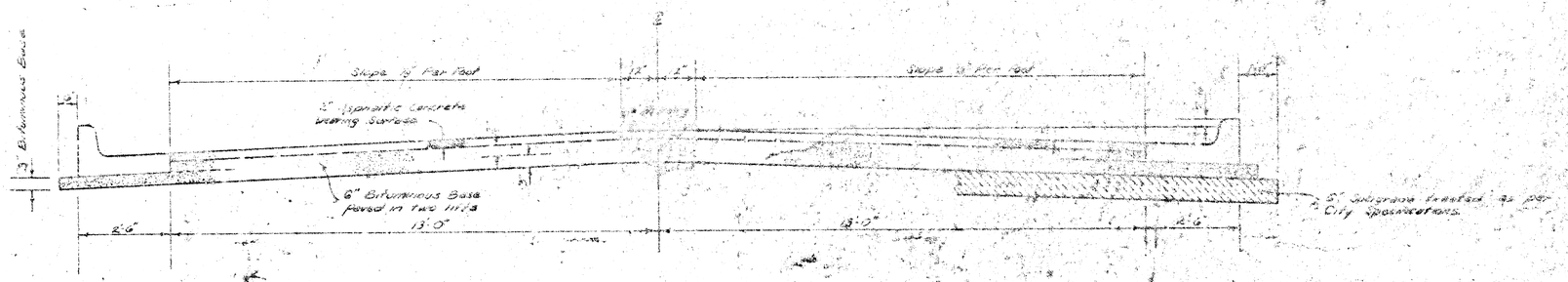
BRANDYWINE ROAD

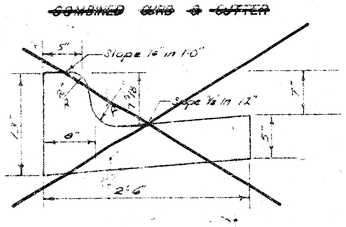
W.L. LOT 1, BLK. 2, WASHINGTON HEIGHTS 2ND TO W.L. BUNKER HILL DR.

PROJECT NO. ———— DAKS 577126

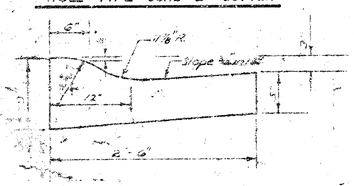
~~245~~ 476 76 245 80617 000 000 001



~~COMBINED CURB & GUTTER~~



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

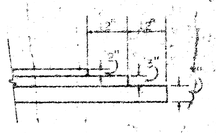
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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 conc. curb & gutter shall be paid as Sq. Yds. 2" A.C. Pavement (Bituminous Base). The Bituminous Base under the Conc. 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.

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

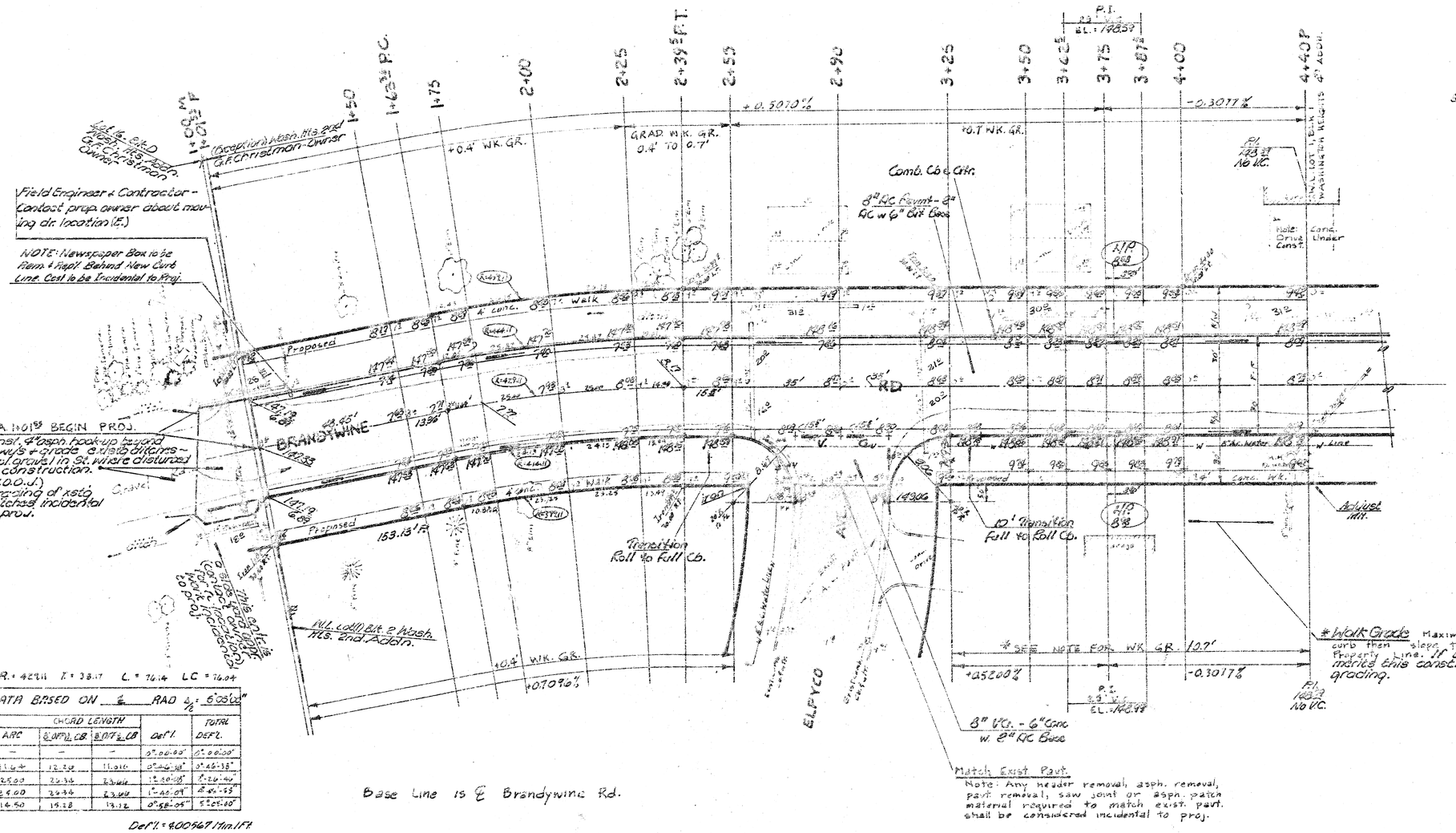
R. W. LINN CITY ENGINEER

DATE _____ PROJ. NO. DAKS 577126

B.M. = 144.30 ~ S.W. COR. BOTTOM STEP No. #3042 VALLEY FORGE.
B.M. = 148.98 ~ "□" TOP W. Cb. ELPYCO 26.8 FT. S. OF S.L. BRANDYWINE.
B.M. = 149.13 ~ "□" TOP E. Cb. PINECREST 26.2 FT. S. OF S.L. BRANDYWINE.

ROLL CURB TO BE CONSTRUCTED ON THIS PROJECT.

(Maintain Flow Line Elevations)



SCALE: 1" = 20'

EARTHWORK

	Property	City
Excavation	1740.9	155.2
+10%	174.1	15.5
Total	1915.0 C.Y.	170.7 C.Y.
Comp. Fill	21.2	0.0
+10%	2.1	
Total	23.3 C.Y.	0.0
Manipulation	2673.15 S.Y.	407.8 S.Y.

* Walk Grade Maximum slope for first 10 ft behind curb then slope to match exist. ground at Property Line. If other locations on this project merits this construction, Engr. has option to approve grading.

Δ = 10°-16' R. = 429.11 T. = 38.17 L. = 76.14 LC = 76.04

CURVE DATA BASED ON ℄ RAD Δ/2 = 5°08'00"

STA.	CHORD LENGTH ARC	CHORD LENGTH ⅛" OFF ⅛" CB	CHORD LENGTH ⅛" OFF ⅛" CB	Def'l.	TOTAL DEF'L.
1+63.39 P.C.	—	—	—	0°-00'-00"	0°-00'-00"
1+75	11.64	12.20	11.016	0°-46'-38"	0°-46'-38"
2+00	25.00	26.34	23.66	1°-40'-08"	2°-26'-46"
2+25	25.00	26.34	23.66	1°-40'-09"	4°-46'-55"
2+39.5 P.T.	14.50	15.28	13.72	0°-58'-05"	5°-05'-00"

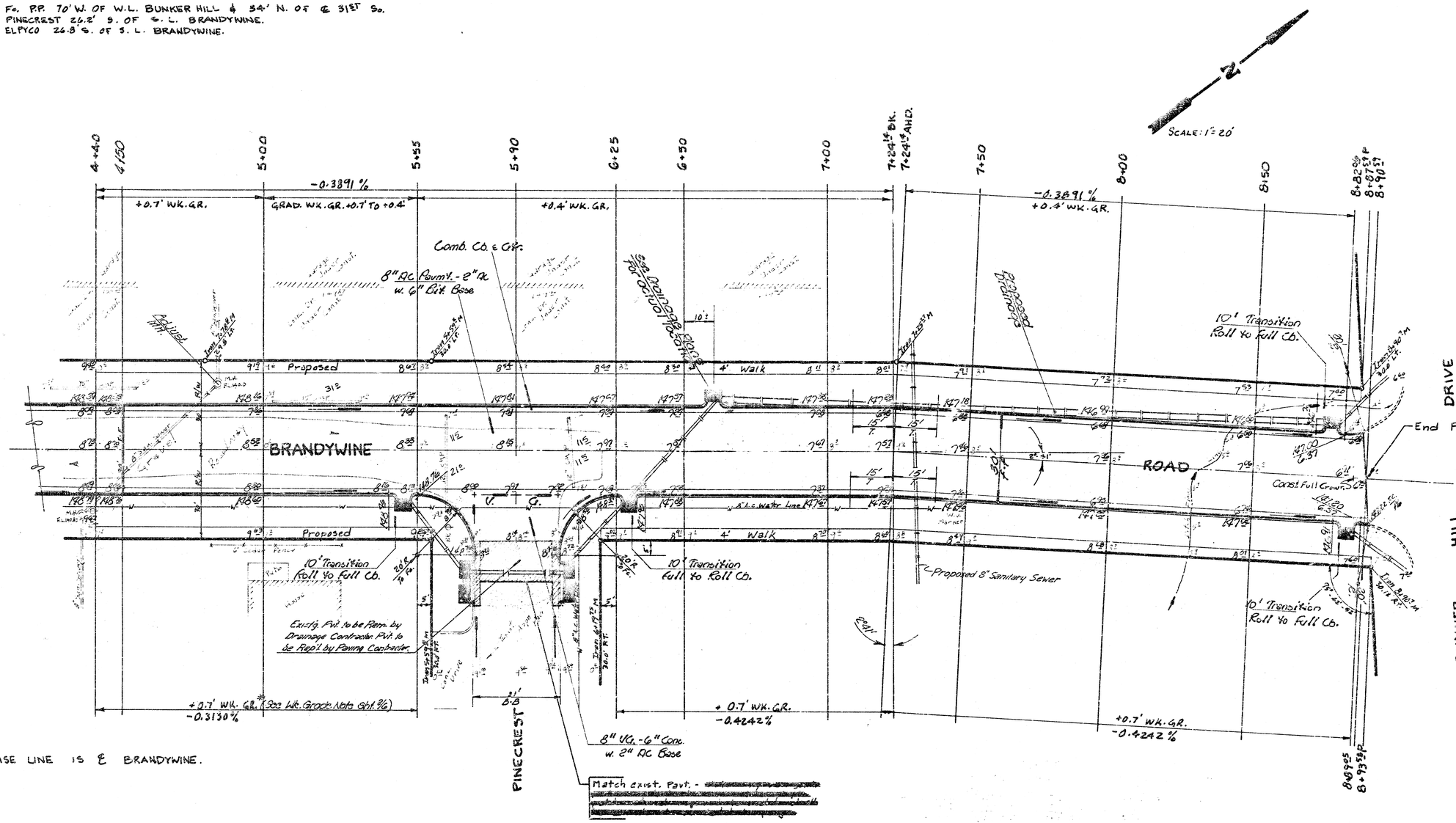
Def'l. = 400567 Min./Ft.

Base Line is ℄ Brandywine Rd.

Transition Sections in Cb. & Gtr. shall be considered as Lf Roll Cb. for payment purposes.
Contractor to take ties and shall replace any 'irons' either moved or destroyed during construction.

BRANDYWINE ROAD
W.L. LOT 1, BLK. 2 WASHINGTON HEIGHTS 2nd TO W.L. Bunker Hill
472 76 245 80617 000 000 001
DAKS577126

B.M. = 168.77 ~ R.R. SPIKE S. Fe. P.P. 70' W. OF W.L. BUNKER HILL & 34' N. OF ℄ 31ST So.
B.M. = 149.13 ~ "□" TOP E. Cb. PINECREST 26.2' S. OF S. L. BRANDYWINE.
B.M. = 148.98 ~ "□" TOP W. Cb. ELPYCO 26.8' S. OF S. L. BRANDYWINE.



BASE LINE IS ℄ BRANDYWINE.

General Notes

1. All Drainage by 'Others'
2. Paving Contractor to Coordinate Construction with Drainage Contractor & San. Sewer Contractor.
3. All Returns are to be Full Height Curb. Transistions are to be Built on Brandywine not on Side Streets.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade paving and door right-of-way for proposed sidewalk. Coupon fill in sidewalk 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.

BRANDYWINE ROAD

W.L. Lot 1, Blk. 2, Washington Heights 2nd Addition TO W.L. BUNKER HILL DR.

DAKS 577126