BROOKHOLLOW 3RD. ADDITION

LONGFORD LANE — S. L. BROOKHOLLOW 3RD ADDITION TO N. L. " " " " — 31' ASPHALTIC CONCRETE PAVEMENT

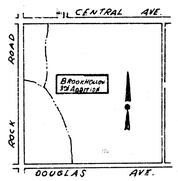
OVERBROOK LANE — S. L. LOT 28 BLK. 2, BROOKHOLLOW 3RD. ADD'N. TO W. L. LONGFORD LANE — 35' ASPH. CONC. PAV'T.

STONERIDGE LANE — S. L. LOT 28 BLK 2, BROOKHOLLOW 3RD. ADD'N. TO W. L. LONGFORD LANE — 35' ASPH. CONC. PAV'T.

CITY OF WICHITA, KANSAS

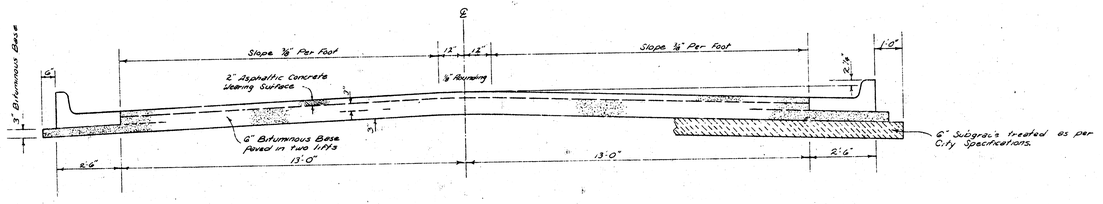
R. W. LINN — CITY ENGINEER

DATE: _____ PROJ. NO. DAKS573062

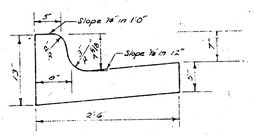


"LOCATION MAP"

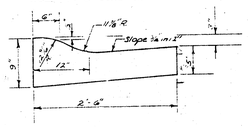
LONGFORD LANE



COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



TYPICAL SECTION

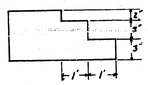
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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 Comb. Curb & Gutter shall be paid as Sq. Yds. 8" A.C. Pavement (6 Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 3" Bituminous Base.

DETAIL OF TRANSVERSE CONSTRUCTION JOINT



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

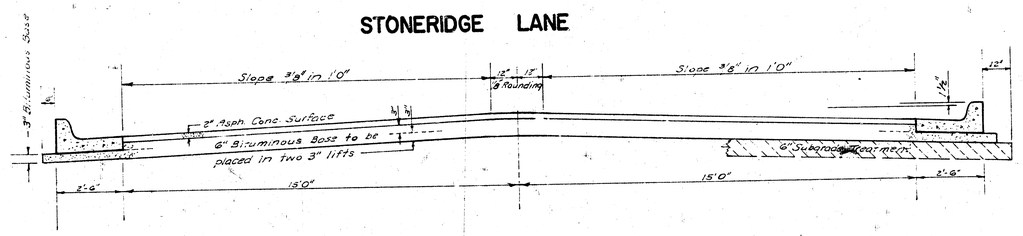
DEPARTMENT OF PUBLIC WORKS — ENGINEERING

R. W. LINN CITY ENGINEER

DATE:_____ PROJ. NO. DAKS573062

OVERBROOK LANE

STONERIDGE LANE



TYPICAL SECTION

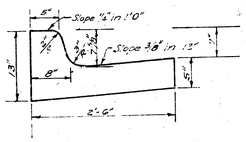
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.

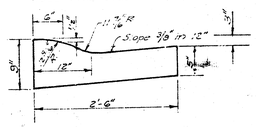
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED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

The A.C. Pavement between the comb. curb & gutter shall be paid as Sq.Yds. 8" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the comb. curb & gutter shall be paid as Sq.Yds. 3" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division.

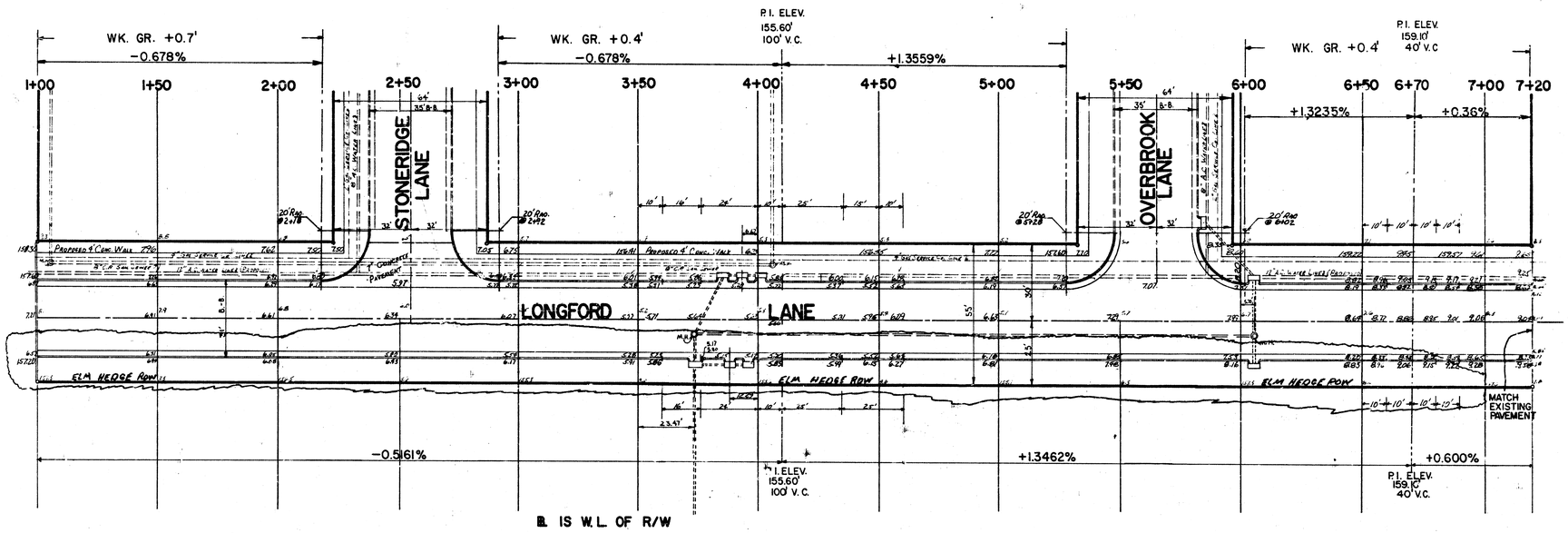
R. W. LINN CITY ENGINEER

DATE _____ Proj No. DAKS573062

3 of 10

B.M.=157.21' TOP OF BRICK N.W. CORNER SOUTH LIGHT BRICK HUBGUARD TO DRIVE ENTRANCE AT 8 WEST PARKWAY

SCALE: 1"= 20'



℄ IS W.L. OF R/W

EARTHWORK

PROPERTY		CITY	
EXCAVATION	2790 C.Y.	EXCAVATION	34 C.Y.
+10%	280 C.Y.	+10%	6
TOTAL	3070 C.Y.		40 C.Y.
COMPACTED FILL	461 C.Y.	COMP FILL	39 C.Y.
+10%	49 C.Y.	+10%	6
TOTAL	510 C.Y.	TOTAL	45 C.Y.

FIELD ENGINEER TO DETERMINE LIMITS FOR ELM HEDGE REMOVAL. SAVE AS MANY TREES AS CONSTRUCTION WILL PERMIT.

NOTE TO FIELD ENGINEER & CONTRACTOR
Close parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY CONTRACT.

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.

LONGFORD LANE

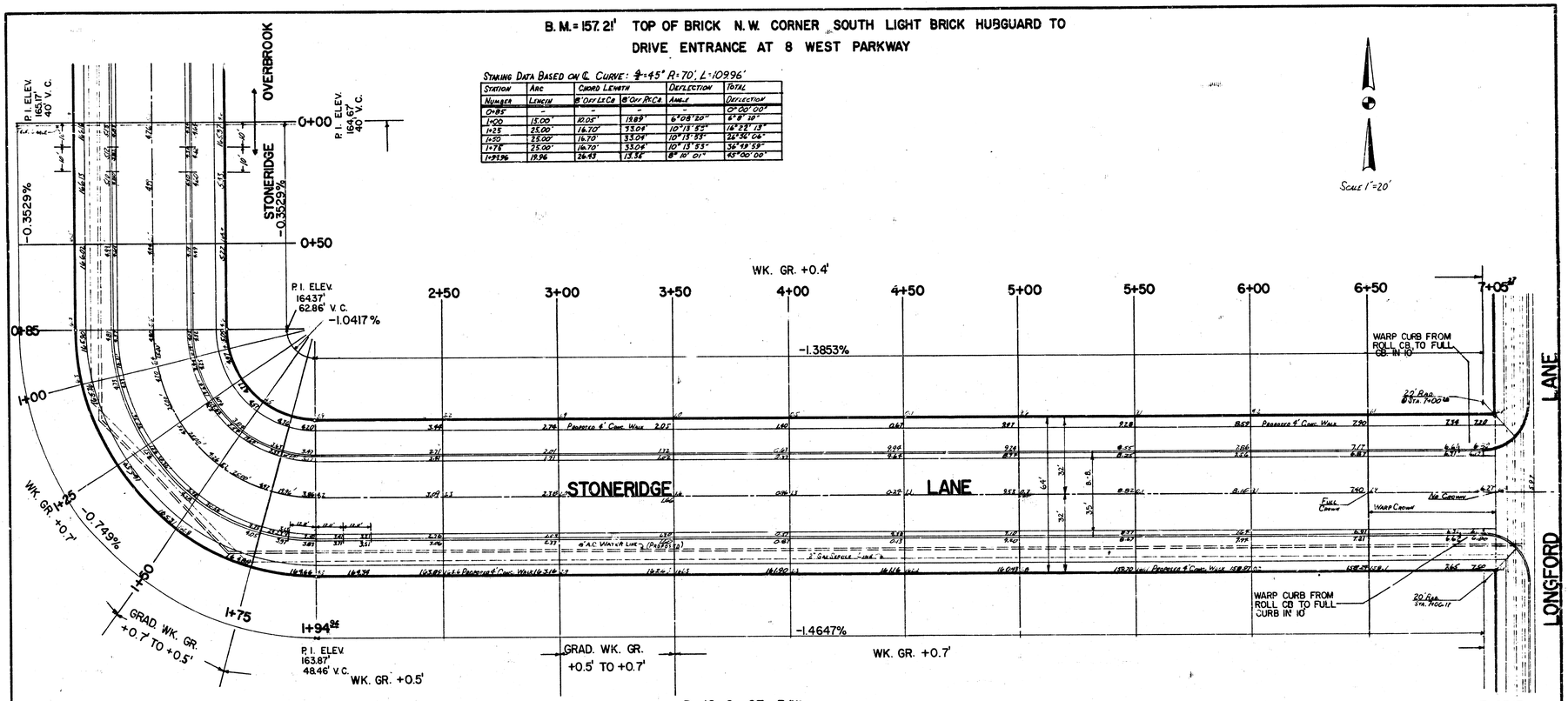
PROJ. NO. DAKS573062 4 OF 10

B. M. = 157.21' TOP OF BRICK N.W. CORNER SOUTH LIGHT BRICK HUBGUARD TO DRIVE ENTRANCE AT 8 WEST PARKWAY

STAKING DATA BASED ON ℄ CURVE: Δ=45° R=70' L=109.96'

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL
NUMBER	LENGTH	5' OFF LC℄	5' OFF RC℄	ANGLE	DEFLECTION
0+85	-	-	-	-	0° 00' 00"
1+00	15.00'	10.01'	11.89'	6° 18' 20"	6° 18' 20"
1+25	25.00'	16.70'	33.04'	10° 13' 55"	16° 32' 15"
1+50	25.00'	16.70'	33.04'	10° 13' 55"	26° 46' 09"
1+75	25.00'	16.70'	33.04'	10° 13' 55"	36° 59' 59"
1+94.96	19.96	26.93	13.36	8° 10' 01"	45° 00' 00"

SCALE 1"=20'

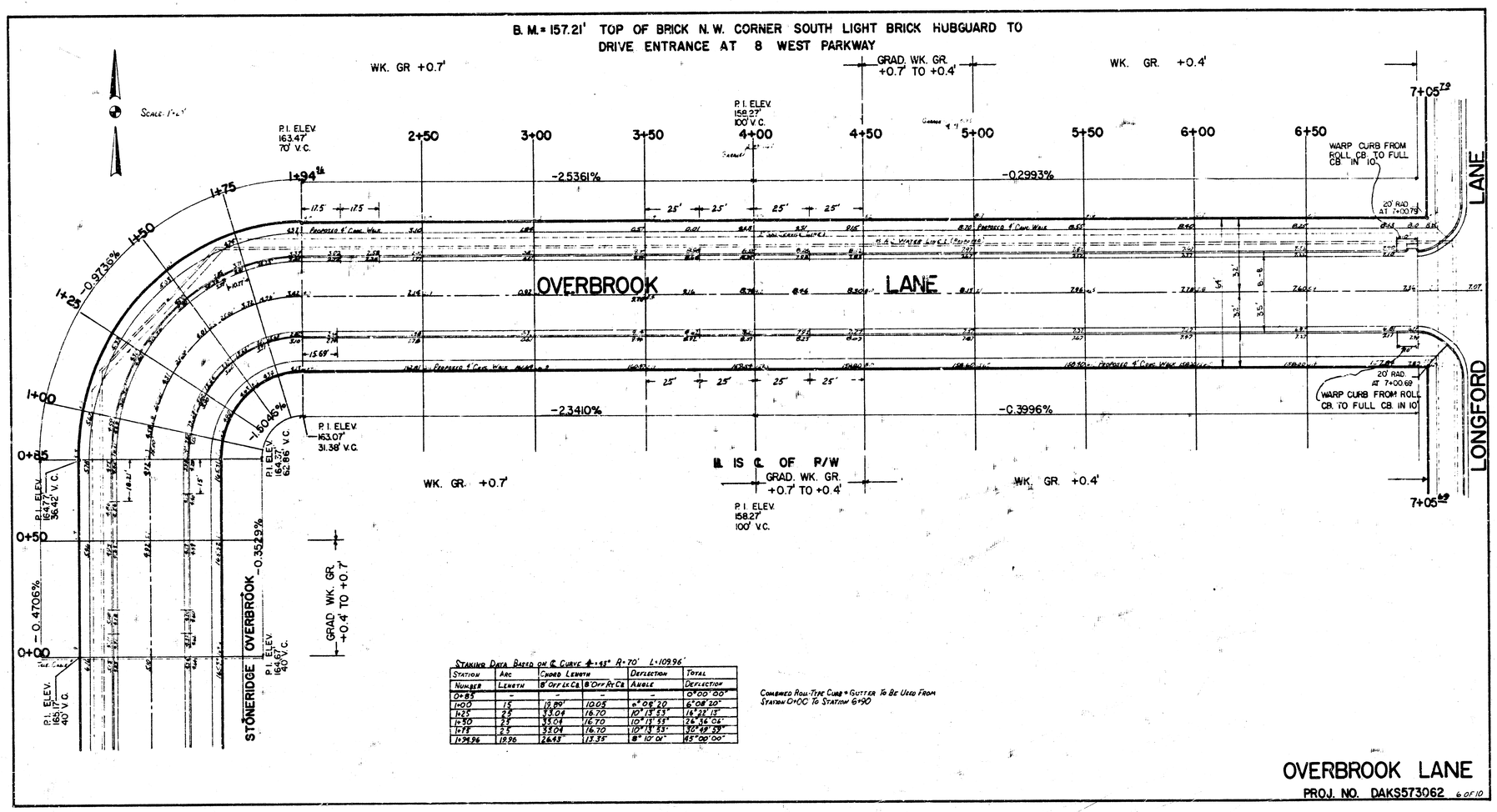


COMBINED ROLL-TYPE CURB & GUTTER TO BE USED FROM STATION 0+00 TO STATION 6+90

STONERIDGE LANE

PROJ. NO. DAKS573062 5 OF 10

B. M.= 157.21' TOP OF BRICK N.W. CORNER SOUTH LIGHT BRICK HUBGUARD TO DRIVE ENTRANCE AT 8 WEST PARKWAY



STAKING DATA BASED ON ℄ CURVE @ 1+93.26 A=70' L=109.96'

STATION NUMBER	ARC LENGTH	CHORD LENGTH 8' OFF LT. CB.	CHORD LENGTH 8' OFF RT. CB.	DEFLECTION ANGLE	TOTAL DEFLECTION
0+85	–	–	–	–	0°00'00"
1+00	15	13.99'	10.05	6°08'20"	6°08'20"
1+25	25	23.04	16.70	10°13'53"	16°22'13"
1+50	25	23.04	16.70	10°13'53"	26°36'06"
1+75	25	23.04	16.70	10°13'53"	36°49'59"
1+94.26	19.26	26.43	13.35	8°10'06"	45°00'00"

COMBINED ROLL-TYPE CURB & GUTTER TO BE USED FROM STATION 0+00 TO STATION 6+90

OVERBROOK LANE

PROJ. NO. DAKS573062 6 OF 10