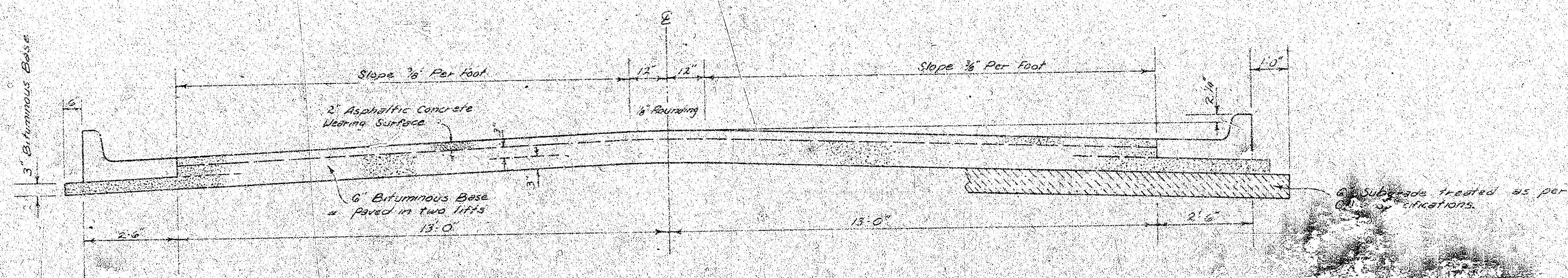


SHADYBROOK LANE E. L. EDGE MOOR TO W. L. MALCOLM ST.



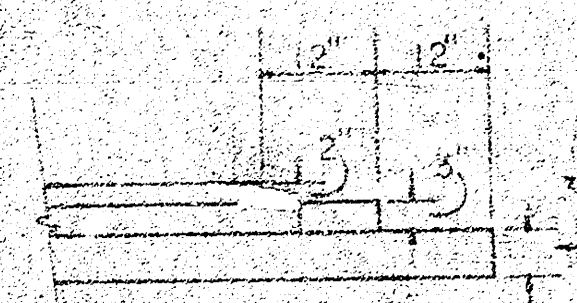
TYPICAL SECTION

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.

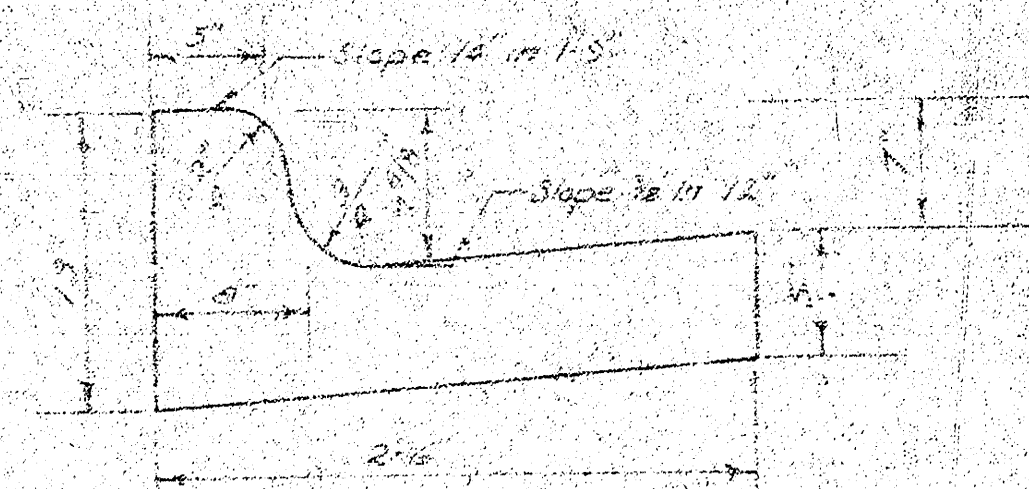
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



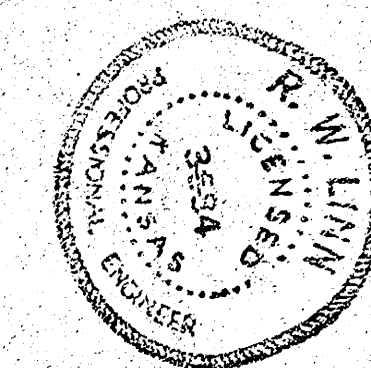
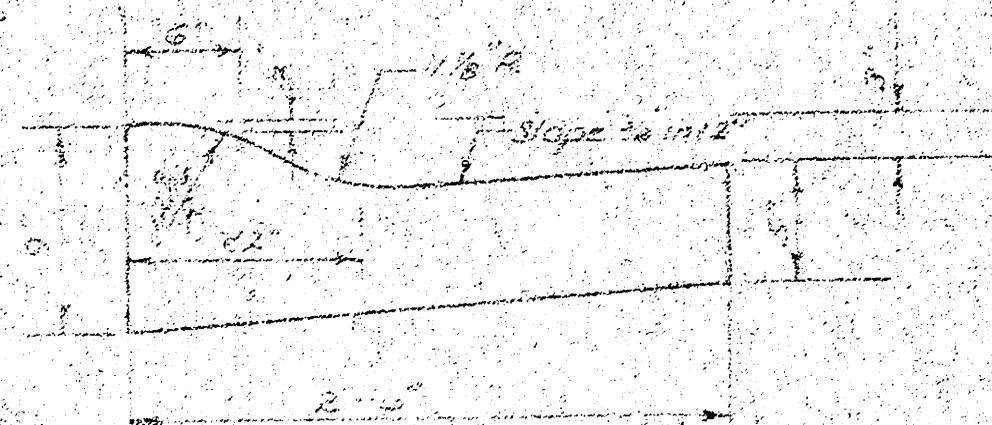
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The 3-inch bituminous base under the Comb. Curb & Gutter shall be paid for as part of the 3-inch bituminous base under the 31' Asphaltic Concrete Pavement (6" Bituminous Base). The bituminous base under the Comb. Curb & Gutter shall be paid for as part of the 3-inch 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 576005

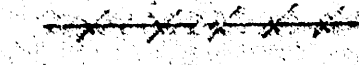
1/2

B.M. 212.18' City Std. 32' East & 44' South of C. Ridgewood & 21ST ST. NO.
B.M. 203.89' Top E. Cb. Edgemoor @ N.L. Shadybrook.

is C. Shadybrook Lane.

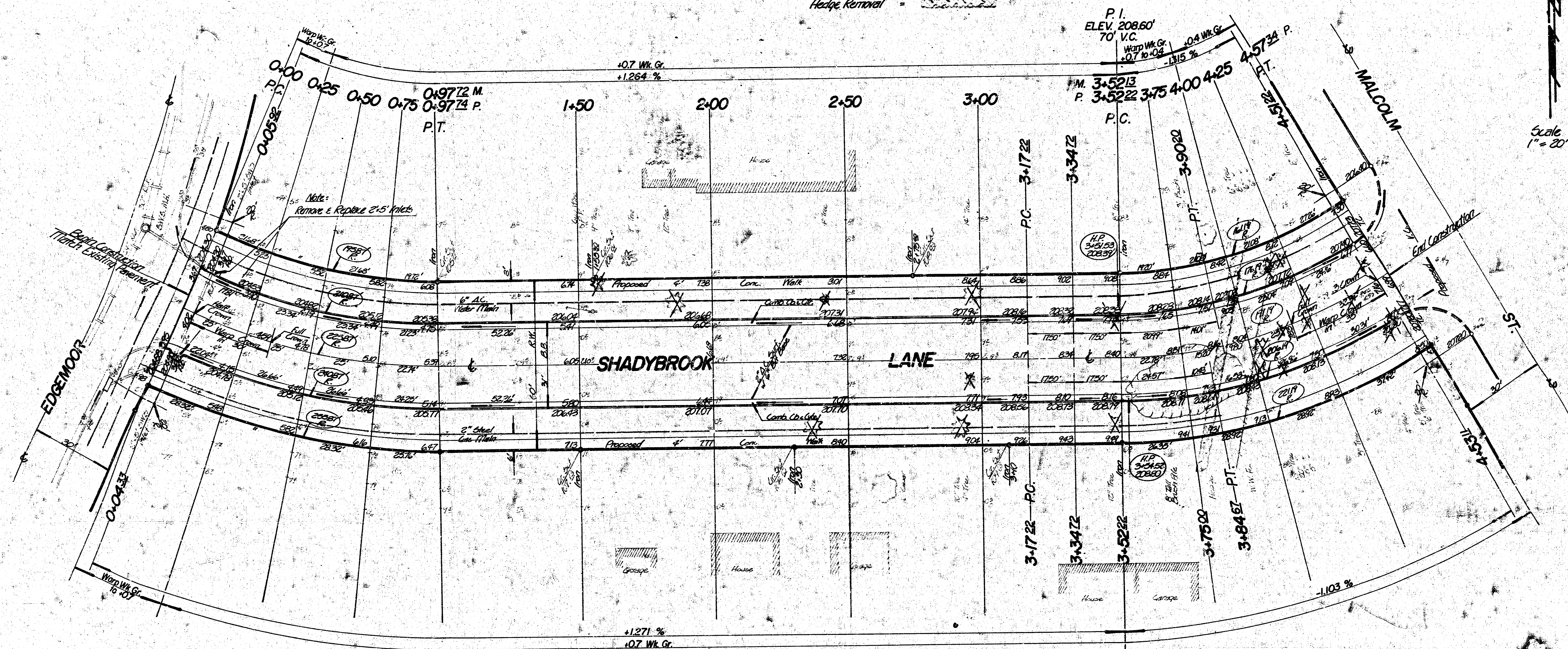
Construction to allow for 7-20' driveways.

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

Fence Removal = 

Hedge Removal = 

Note: Property owners are responsible for brush pile removal and to be contacted by contractor for removal.



Scale
1" = 20'

Δ = 2647.42' R = 22581' T = 44.65' L = 97.74' LC = 76.98'

CURVE DATA BASED ON Δ RAD. Δ = 12.2331°

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL
0+00	25'	22.44'	27.53'	0'00.00"
0+25	25'	22.44'	27.53'	3'10.15"
0+50	25'	22.44'	27.53'	6'20.30"
0+75	25'	22.44'	27.53'	9'30.45"
0+97.74	22.74'	20.92'	25.00'	12'23.51"

Defl./R. = 7.610001 171in.

Δ = 3600' R = 191.19' T = 53.92' L = 105.12' LC = 103.79'

CURVE DATA BASED ON Δ RAD. Δ = 15.4500°

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL
3+52.22	22.78'	20.03'	28.51'	0'00.00"
3+75	22.78'	20.03'	28.51'	3'24.42"
4+00	25'	21.93'	27.99'	3'44.46"
4+25	25'	21.93'	27.99'	7'08.92"
4+57.34	32.34'	28.42'	36.19'	10'56.19"

Defl./R. = 8.790393 171in.

EARTHWORK QUANTITIES

Property

Excavation = 2157.9 cr. Comp. Fill = 50 cr.

+ 10% = 2158 cr. + 10% = 55 cr.

Total = 2373.7 cr. Total = 55 cr.

Manipulation = 1677 cr.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, FILLING, AND OTHER SUB-GRADE MODIFICATION OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR

Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area to be constructed by OTHERS.

SHADYBROOK LANE
E. L. EDGEMOOR TO W. L. MALCOLM ST.
31" B.B. 2" ASPH. CONC. PAVEMENT W.
6" BIT. BASE WITH COMB. CB & GTR.
CITY of WICHITA, KANSAS
R. W. LINN
PROJECT NO.
DATE
CITY ENGINEER
DAKS 576005

2/20

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