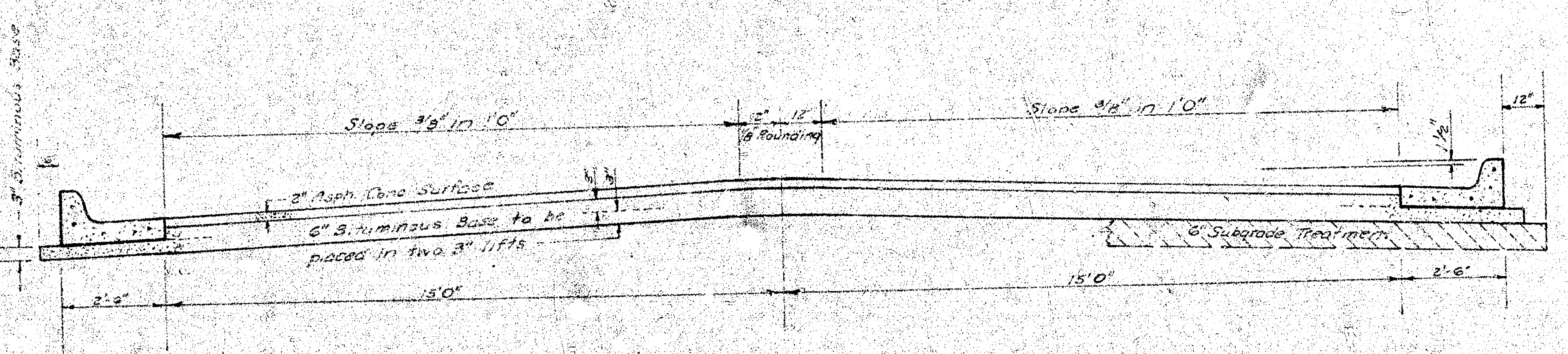
WESTFIELD AVENUE
FROM W.L. BYRON RD. TO N.L. LOT 16, BLOCK 6
WESTLINK VILLAGE 11TH ADD.


3" Bituminous Base
Slope 3/8" in 1'0"
12"
12"
1/8 Rounding
Slope 3/8" in 1'0"
12"
1 1/2"
2" Asph. Conc. Surface
6" Bituminous Base to be placed in two 3" lifts
6" Subgrade Treatment
2'-6"
15'0"
15'0"
2'-6"

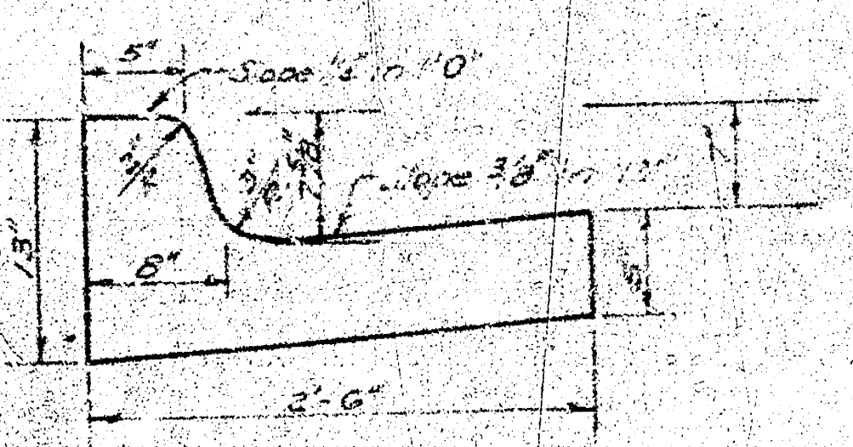
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

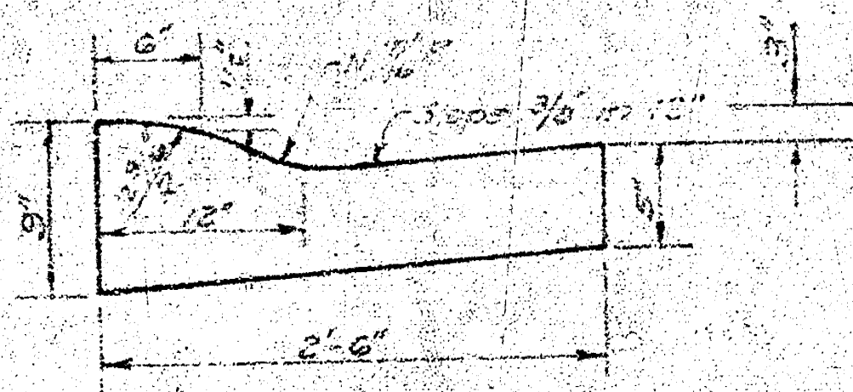
The A.C. Pavement between the comb. curb & gutter shall be paid as Sq.yds. 8" A.C. Pavement (6" Bituminous Base).

The Bituminous Base under the comb. curb & gutter shall be paid as Sq.yds. 3" Bituminous Base.

COMBINED CURB & GUTTER


5"
Slope 1/2" in 1'0"
Slope 3/8" in 12"
13"
6"
2'-6"

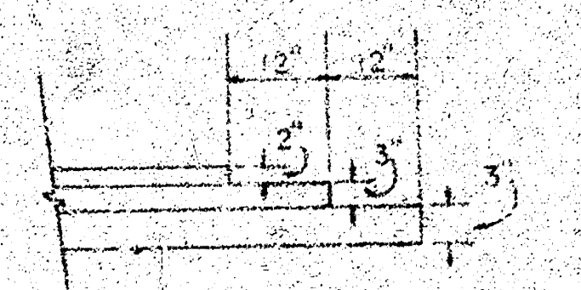
ROLL TYPE CURB & GUTTER


6"
Slope 3/8" in 12"
9"
12"
5"
2'-6"

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.

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.

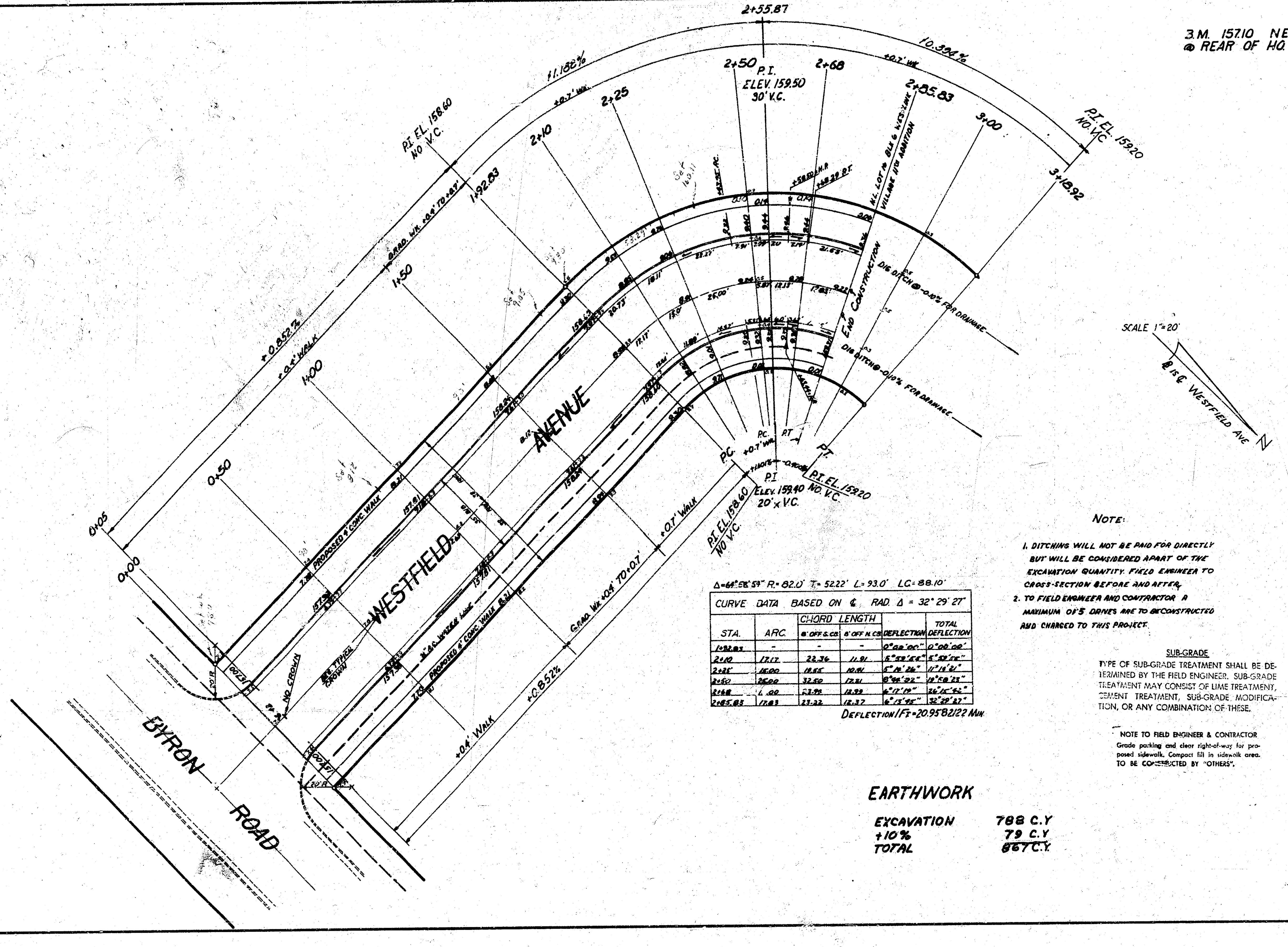
R. W. LINN
5334

CITY OF WICHITA KANSAS
DEPARTMENT of PUBLIC WORKS - Engineering Division.
R. W. LINN CITY ENGINEER
DATE ____________ Proj No. DAKS 574036

1/3

Survey D.C.D. 31-108
Plan DRR
Exc C. BREITENSTEIN
Checked

B.M. 157.10 NE COR. CONC. PATIO PORCH @ REAR OF HO. 9304 NANTUCKET.


2+55.87
2+50
P.I.
ELEV. 159.50
30' V.C.
2+68
2+25
2+10
1+92.83
1+50
1+00
0+50
0+05
0+00
+1.182%
10.394%
+0.7' WK.
2+85.83
3+00
3+18.92
P.I. EL. 159.20
NO V.C.
P.I. EL. 158.60
NO V.C.
GRAD. WK. +0.4' TO +0.7'
+0.852%
+0.7' WALK
+0.4' WALK
PROPOSED 4' CONC. WALK
WESTFIELD
AVENUE
TYPICAL CROWN
NO CROWN
BYRON
ROAD
20' R.
N.L. LOT 16 BLK 6 WESTLINK VILLAGE 11TH ADDITION
END CONSTRUCTION
DIG DITCH @ -0.10% FOR DRAINAGE
DIG DITCH @ -0.10% FOR DRAINAGE
P.C.
P.T.
P.C.
+0.7' WK.
P.T.
P.I.
ELEV. 159.40
20' x V.C.
P.I. EL. 159.20
NO. V.C.
P.I. EL. 158.60
NO V.C.
+0.7' WALK
GRAD. WK. +0.4' TO +0.7'
SCALE 1" = 20'
℄ WESTFIELD AVE
N

Δ = 64°58'54" R. = 82.0' T. = 52.22' L. = 93.0' LC = 88.10'

CURVE DATA BASED ON ℄ RAD. Δ = 32° 29' 27"					
STA.	ARC.	CHORD LENGTH 8' OFF S. CB.	CHORD LENGTH 8' OFF N. CB.	DEFLECTION	TOTAL DEFLECTION
1+92.83	-	-	-	0°00'00"	0°00'00"
2+10	17.17	22.36	11.91	5°59'56"	5°59'56"
2+25	15.00	19.55	10.41	5°14'26"	11°14'21"
2+50	25.00	32.50	17.81	8°44'02"	19°58'23"
2+68	18.00	23.99	12.99	6°17'19"	26°15'42"
2+85.83	17.83	23.22	12.37	6°13'45"	32°29'27"

DEFLECTION/FT = 20.9582122 MIN.

NOTE:

1. DITCHING WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED A PART OF THE EXCAVATION QUANTITY. FIELD ENGINEER TO CROSS-SECTION BEFORE AND AFTER.
2. TO FIELD ENGINEER AND CONTRACTOR A MAXIMUM OF 5 DRIVES ARE TO BE CONSTRUCTED AND CHARGED TO THIS PROJECT.

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.

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".

EARTHWORK

EXCAVATION	788 C.Y
+10%	79 C.Y
TOTAL	867 C.Y.

WESTFIELD AVENUE

FROM W.L. BYRON ROAD TO N.L.
LOT. 16, BLOCK 6, WESTLINK
VILLAGE 11TH ADDITION.

35' ASPHALTIC CONCRETE PAVEMENT

CITY OF WICHITA KANSAS
R.W. LINN CITY ENGINEER
PROJECT NUMBER DAKS 574036
DATE: