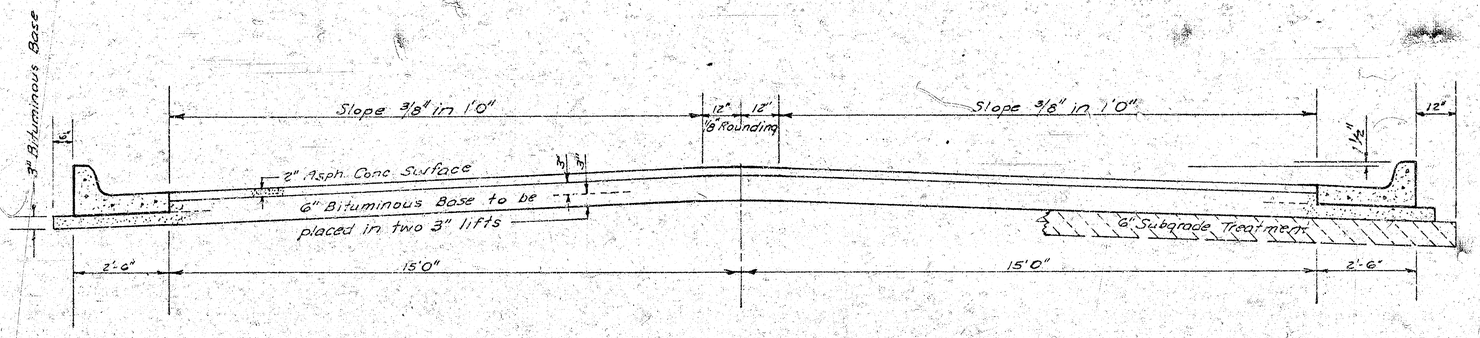
GRAND

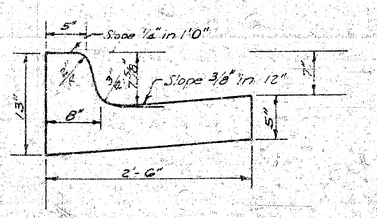
S.L. LOT 2, BLK. 1, QUAIL MEADOWS 2ND TO W.L. BEDELL

PROJECT NO. ——DAKS 574066

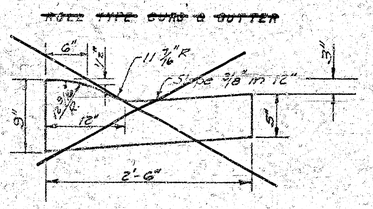
472 76 245 80233 000 000 001



COMBINED CURB & GUTTER



~~ROLL TYPE CURB & GUTTER~~



TYPICAL SECTION

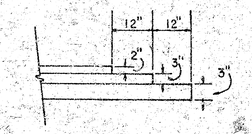
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.

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 LICENSED 3284 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

R. W. LINN CITY ENGINEER

DATE _____ Proj No. DAKS 574066

B.M. 1679 RR. Spk. N. Side P.P. N. Side Harry & 25' E. of E.C. Bedell.
B.M. 1618 City Std. 42' W. & 48' S. of 1/4 Sec. Cor. on Harry St. 1/2 Mile E. of Rock Road.
B.M. 1628 'a' Top W. Cb. Bedell at S.C. Grand.

Baseline is W. & S. R. Grand.

Note:
Contractor shall take ties and Replace any 'Irons' either moved or destroyed during Construction.
[ ] - Indicates Removal.

Δ = 15°55'17" R. = 908' T. = 57.98' L. = 113.38' LC. = 113.01'

CURVE DATA BASED ON R RAD. Δ/2 = 7°57'39"					
STA.	ARC.	CHORD LENGTH 8' OFF ℄ CB.	CHORD LENGTH 8' OFF R CB.	DEFLECTION	TOTAL DEFLECTION
3+53.15	—	—	—	0°00'00"	0°00'00"
3+75	21.85'	22.22'	25.91'	1°32'03"	1°32'03"
4+00	25'	25.42'	28.61'	1°45'20"	3°17'23"
4+25	25'	25.42'	28.61'	1°45'19"	5°02'42"
4+50	25'	25.42'	28.61'	1°45'19"	6°48'01"
4+66.53	16.53'	16.61'	18.98'	1°09'38"	7°57'39"

Defl. 1 Ft. = 4.212925 Min.

Scale: 1" = 20'

P. I. Elev. 165.50 25.50' VC
P. I. Elev. 163.60 No VC
P. I. Elev. 163.20 No VC
-0.608 % +0.4 Wk.
-0.629 % +0.4 Wk.
-0.675 % +0.4 Wk.
-0.401 % +0.4 Wk.

LINDEN
GRAND
BEDELL

0+82.68 P.T.
1+00
1+50
2+00
2+50
3+00
3+53.15 P.C.
3+75
4+00
4+25
4+50
4+66.53 P.T.
4+99.44
5+03.44
0+00
0+25
0+50
0+82.68

Begin Construction
Comb Cb. & Gtr.
8" AC Pavmt. 2" AC w. 6" Bit. Base
Proposed Walk
Proposed Gas.
Water
Iron
Remove & Replace Fc. at R.
Remove & Replace Fc. at R.
Remove AC to R.
Match Exist'g. Pavmt.
End Construction
Wbro Count
Rock Mat.
4' Wd. Fc.
C & R.
4' Pav.

R. = 100' T. = 43.87' L. = 82.68' LC. = 80.35'

CURVE DATA BASED ON R RAD. Δ/2 = 23°41'10"					
STA.	ARC.	CHORD LENGTH 8' OFF ℄ CB.	CHORD LENGTH 8' OFF R CB.	DEFLECTION	TOTAL DEFLECTION
0+00	—	—	—	0°00'00"	0°00'00"
0+25	25'	10.22'	23.19'	7°09'43"	7°09'43"
0+50	25'	10.22'	23.19'	7°09'43"	14°19'26"
0+82.68	32.68'	13.34'	30.26'	9°21'44"	23°41'10"

Defl. 1 Ft. = 17.188734 min.

Earthwork Quantities

Property

Excavation = 891 CY
+ 10 % = 89 CY
Total = 980 CY

Comp. Fill = 237 CY.
+ 10 % = 23 CY.
Total = 261 CY.

Manipulation = 1997 SY.

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.

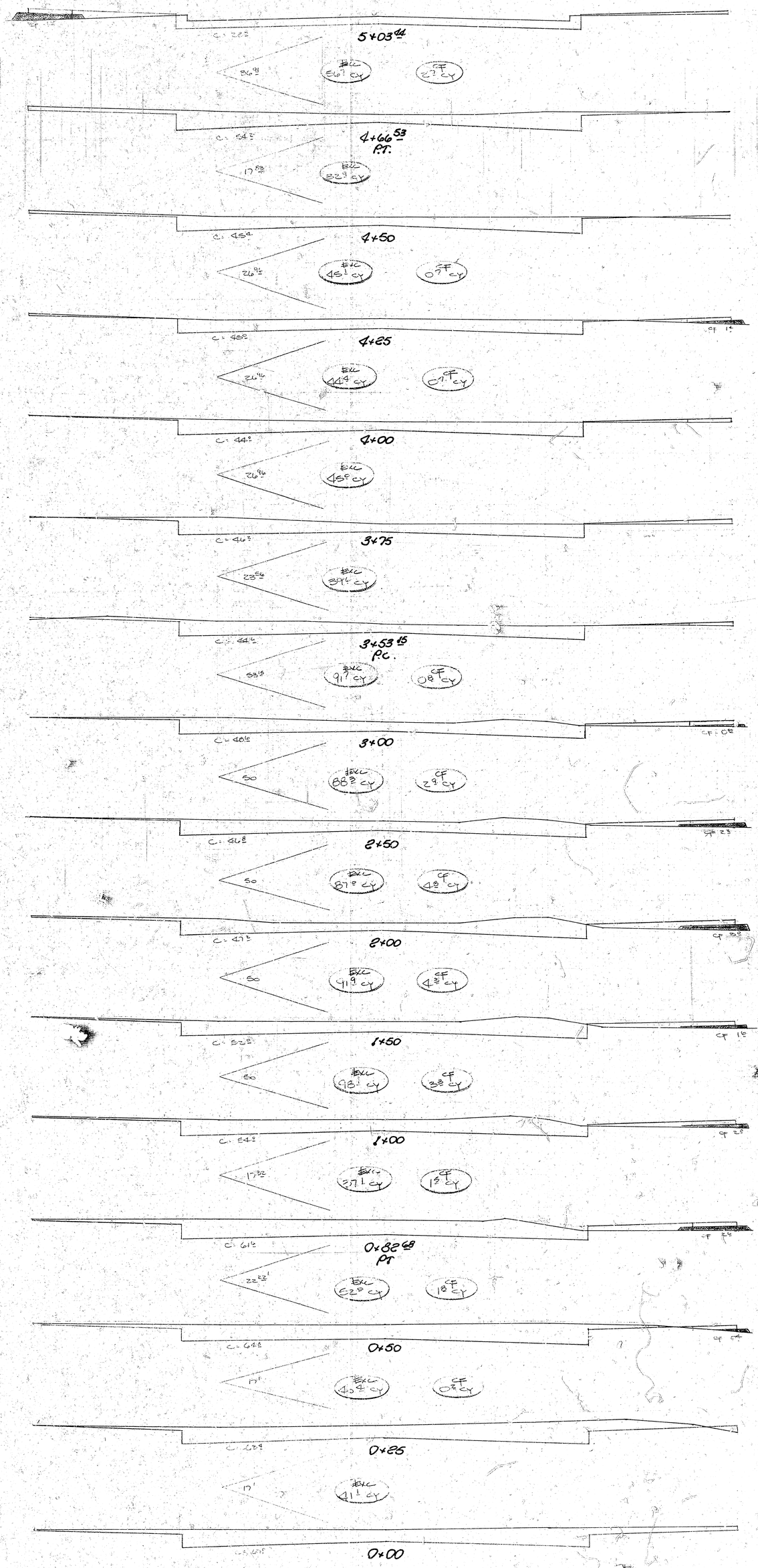
NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact till in sidewalk areas TO BE CONSTRUCTED BY "OTHERS".

GRAND

S. L. Lot 2, Blk. 1, Quail Meadows 2nd to WL Bedell
35' BB-2" AC Pavmt w. 6" Bit Bs. - Comb. Cb. Gtr.

CITY of WICHITA, KS.

R. W. Linn — City Engineer
Project No. — DAKS 574066
472 76 245 80233 000 000 001
Date



Earthwork

Proj - Excavation Comp. Fill

Grand

SL Lot 2 Blk 1 Quail Mdw. 2nd to WL Bridell