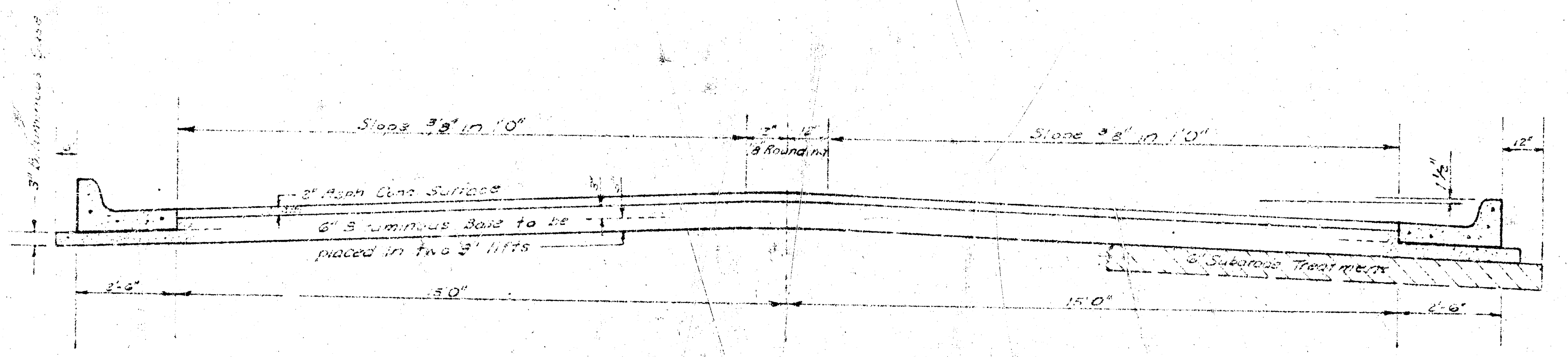
BEDELL

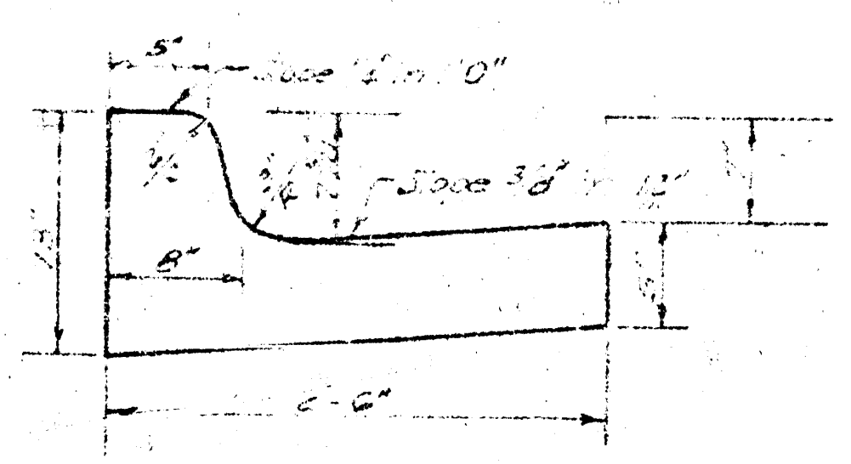
W. L. LAUREL TO W. L. WEBB RD.

30'-2'-34' ASPH. CONC.

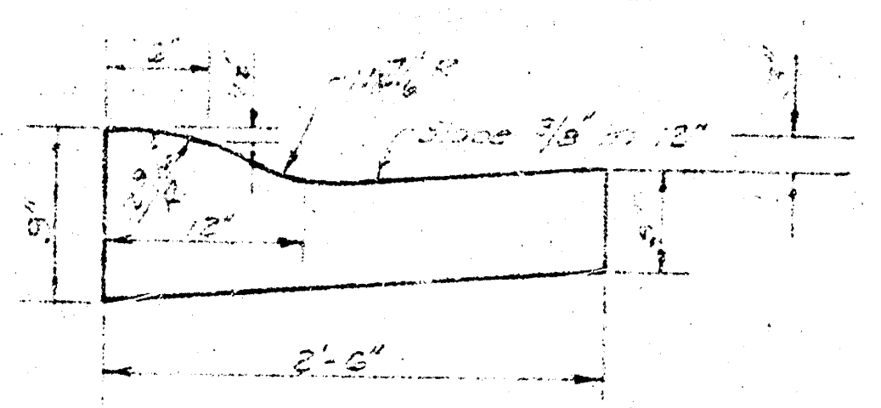
PROJ. NO. DAKS574015


Slope 3/8" in 1'0"
3"
12"
8 Rounding
Slope 3/8" in 1'0"
12"
1½"
3" Bituminous Base
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"

COMBINED CURB & GUTTER


5"
Slope ½" in 1'0"
Slope 3/8" in 12"
8"
2'-6"

ROLL TYPE CURB & GUTTER


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

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.

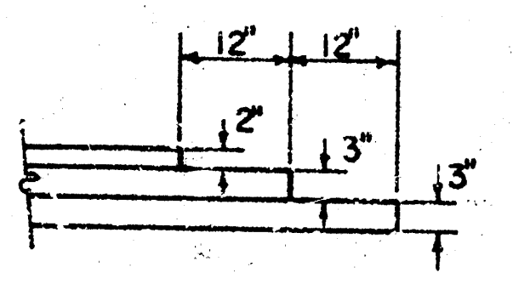
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED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

LARRY W. LAURSEN 6363

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 Division.
R. W. LINN CITY ENGINEER
DATE ______________ Proj No.

1/5

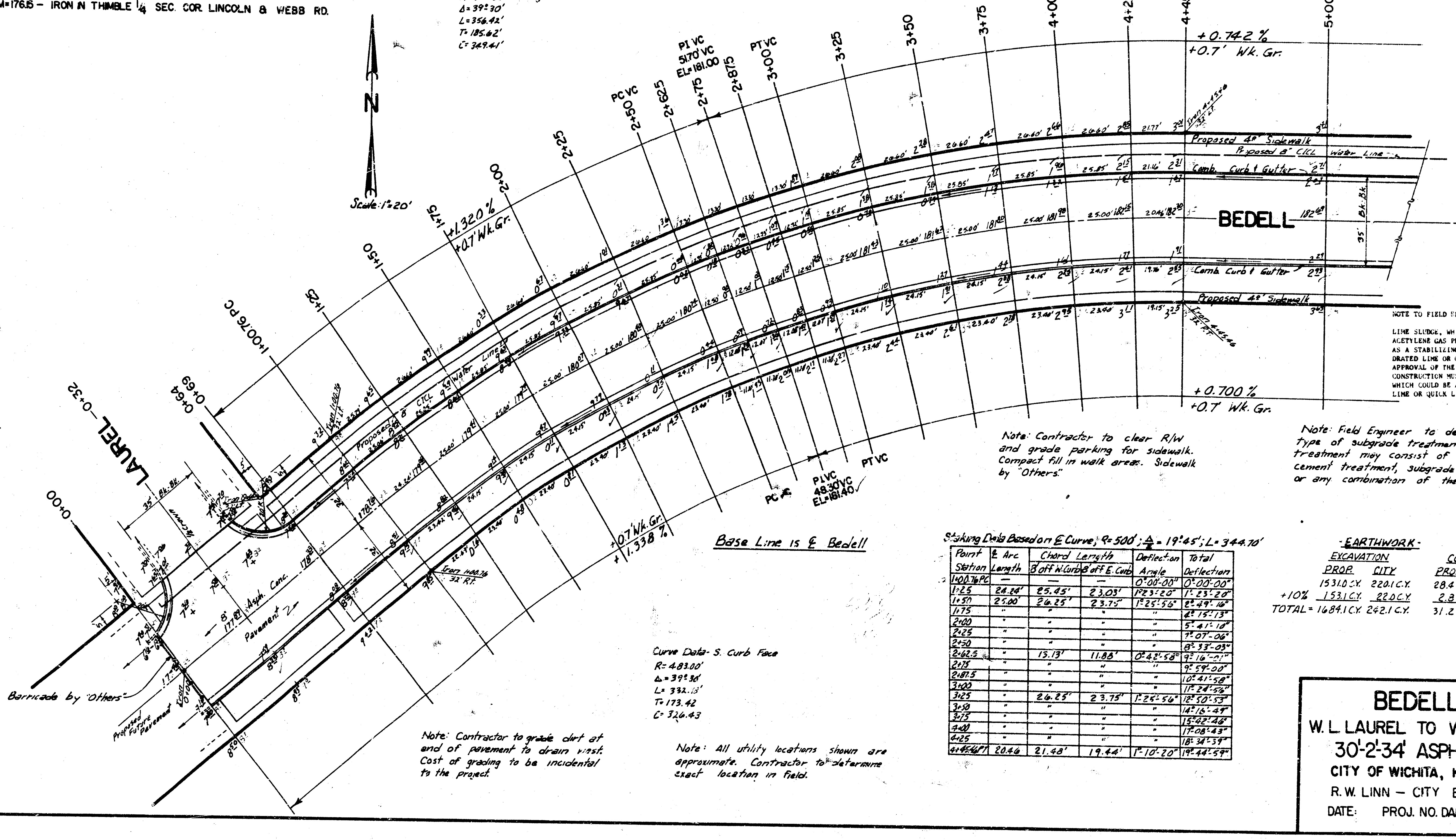
Survey Riggs
Plan Klag
Exc Klag
Checked
Bk A k-61

BM=184.60 – RR SPIKE TOP 2' GUARD POST E. SIDE WEBB RD. APPROX. 100' N. OF N. L. BEDELL W.

BM=174.71 – RR SPIKE S. SIDE COR. POST APPROX. 50' E. OF 1/4 SEC. COR. LINCOLN & WEBB RD.

BM=176.15 – IRON IN THIMBLE 1/4 SEC. COR. LINCOLN & WEBB RD.

Curve Data - N. Curb Face
R=514.00'
Δ=39°30'
L=356.42'
T=185.62'
C=349.41'


N
Scale: 1"=20'
LAUREL
0+00
0+32
0+64
0+69
1+00.76 PC
1+25
1+50
1+75
2+00
2+25
PC VC
2+50
2+62.5
PI VC
517.0 VC
EL=181.00
2+75
2+87.5
PT VC
3+00
3+25
3+50
3+75
4+00
4+25
4+45.46 PT
5+00
+1.320 %
+0.7' Wk. Gr.
+0.742 %
+0.7' Wk. Gr.
+0.700 %
+0.7' Wk. Gr.
+0.7' Wk. Gr.
+1.338 %
PC
PI VC
483.0 VC
EL=181.40
PT VC
BEDELL
Proposed 4" Sidewalk
Proposed 8" C.I.C.L. Water Line
Comb. Curb & Gutter
35'
Proposed 8" C.I.C.L. Water Line
Pavement 7"
Asph. Conc.
Iron 1+00.76 32' Rt.
Barricade by "Others"
Proposed Future Pavement
Base Line is ℄ Bedell

Note: Contractor to clear R/W and grade parking for sidewalk. Compact fill in walk areas. Sidewalk by "Others".

NOTE TO FIELD ENGINEER AND CONTRACTOR:

LIME SLUDGE, WHICH IS A BY-PRODUCT OF ACETYLENE GAS PRODUCTION, MAY BE USED AS A STABILIZING AGENT IN PLACE OF HYDRATED LIME OR QUICK LIME WITH THE APPROVAL OF THE ENGINEER. COMPLETED CONSTRUCTION MUST BE EQUAL TO THAT WHICH COULD BE ACCOMPLISHED IF HYDRATED LIME OR QUICK LIME HAD BEEN USED.

Note: Field Engineer to determine type of subgrade treatment. Subgrade treatment may consist of lime treatment, cement treatment, subgrade modification or any combination of these.

Base Line is ℄ Bedell

Curve Data - S. Curb Face
R=483.00'
Δ=39°30'
L=332.13'
T=173.42
C=326.43

Note: Contractor to grade dirt at end of pavement to drain west. Cost of grading to be incidental to the project.

Note: All utility locations shown are approximate. Contractor to determine exact location in field.

Staking Data Based on ℄ Curve; R=500'; Δ/2=19°45'; L=344.70'

Point Station	℄ Arc Length	Chord Length		Deflection Angle	Total Deflection
		8' off W. Curb	8' off E. Curb		
1+00.76PC	—	—	—	0°-00'-00"	0°-00'-00"
1+25	24.24'	25.45'	23.03'	1°23'-20"	1°-23'-20"
1+50	25.00'	26.25'	23.75'	1°-25'-56"	2°-49'-16"
1+75	"	"	"	"	4°-15'-13"
2+00	"	"	"	"	5°-41'-10"
2+25	"	"	"	"	7°-07'-06"
2+50	"	"	"	"	8°-33'-03"
2+62.5	"	13.13'	11.88'	0°-42'-58"	9°-16'-01"
2+75	"	"	"	"	9°-59'-00"
2+87.5	"	"	"	"	10°-41'-58"
3+00	"	"	"	"	11°-24'-56"
3+25	"	26.25'	23.75'	1°-25'-56"	12°-50'-53"
3+50	"	"	"	"	14°-16'-49"
3+75	"	"	"	"	15°-42'-46"
4+00	"	"	"	"	17°-08'-43"
4+25	"	"	"	"	18°-34'-39"
4+45.46PT	20.46	21.48'	19.44'	1°-10'-20"	19°-44'-59"

-EARTHWORK-

	EXCAVATION		COMP. FILL	
	PROP.	CITY	PROP.	CITY
	1531.0 C.Y.	220.1 C.Y.	28.4 C.Y.	5.3 C.Y.
+10%	153.1 C.Y.	22.0 C.Y.	2.8 C.Y.	.5 C.Y.
TOTAL=	1684.1 C.Y.	242.1 C.Y.	31.2 C.Y.	5.8 C.Y.

BEDELL

W. L. LAUREL TO W. L. WEBB RD.
30'-2'-34' ASPH. CONC.
CITY OF WICHITA, KANSAS
R. W. LINN – CITY ENGINEER
DATE: PROJ. NO. DAKS574015

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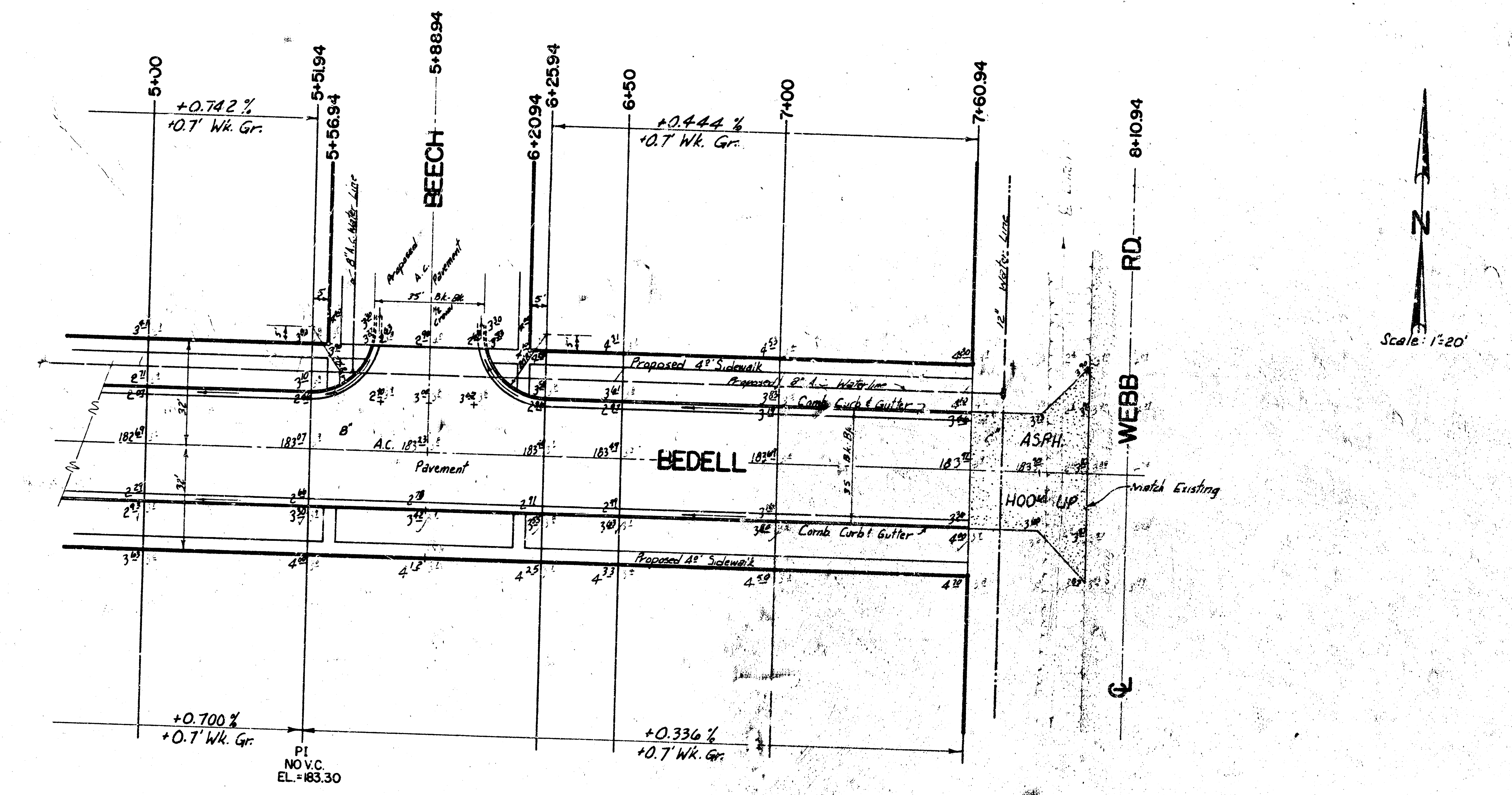
5+00
5+51.94
5+56.94
BEECH
5+88.94
6+20.94
6+25.94
6+50
7+00
7+60.94
8+10.94
+0.742 %
+0.7' Wk. Gr.
+0.444 %
+0.7' Wk. Gr.
8" A.C. Water Line
Proposed A.C. Pavement
35' Bk.-Bk.
5'
32'
32'
8"
A.C. 183.23
Pavement
BEDELL
Proposed 4' Sidewalk
Proposed 8" A.C. Water Line
Comb. Curb & Gutter
Comb. Curb & Gutter
Proposed 4' Sidewalk
182.69
183.07
183.43
183.49
183.69
183.92
12" Water Line
ASPH.
HOOK UP
Match Existing
WEBB
RD.
℄
+0.700 %
+0.7' Wk. Gr.
PI
NO V.C.
EL.=183.30
+0.336 %
+0.7' Wk. Gr.
N
Scale: 1"=20'

BEDELL

W. L. LAUREL TO W. L. WEBB RD.

PROJ. NO. DAKS574015

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