

SECOND ADDITION TO SUNSET MANOR WEST ADDITION

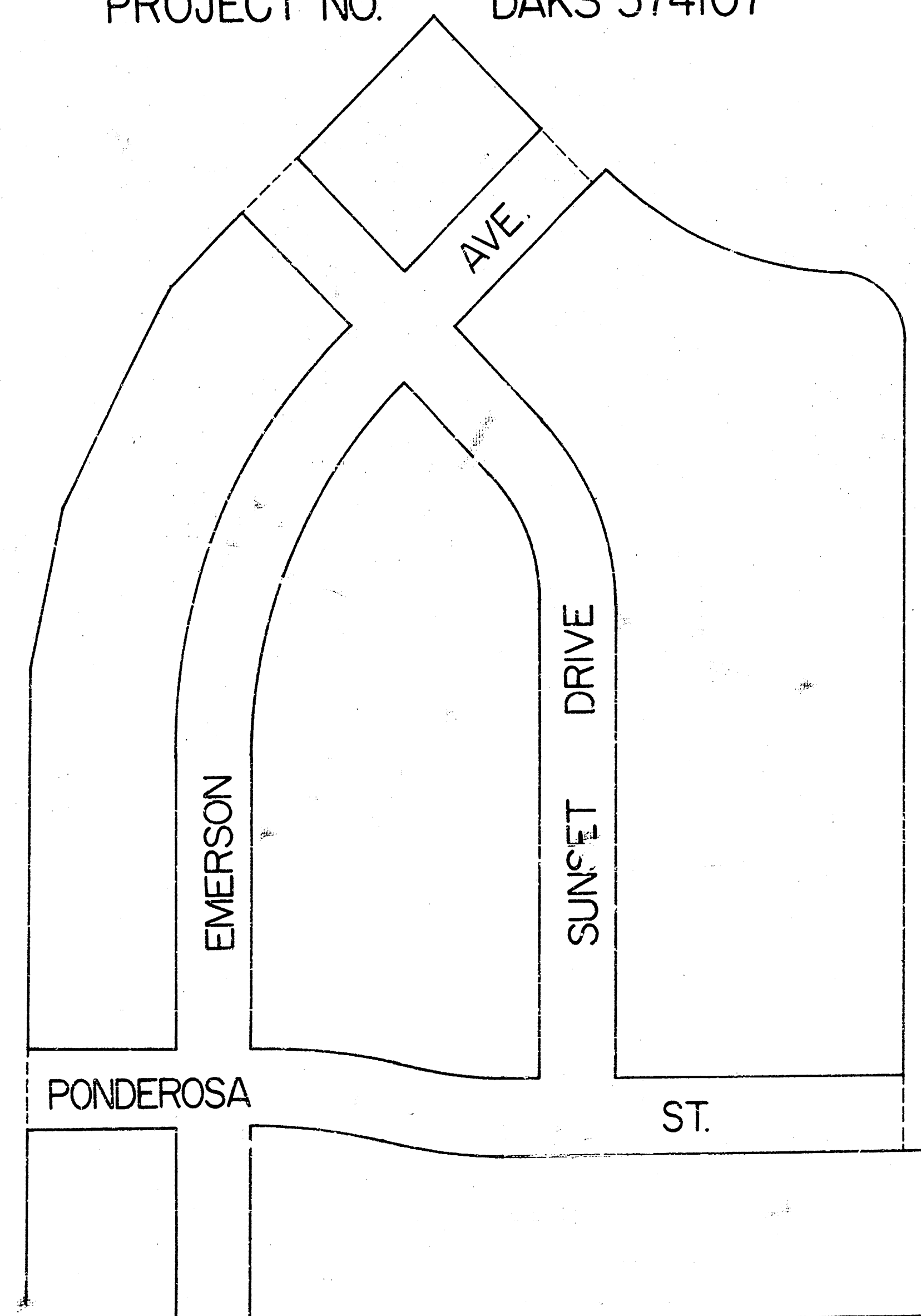
EMERSON AVE. - S.L. 2nd ADDITION TO SUNSET MANOR WEST TO S.L. WILBUR LANE

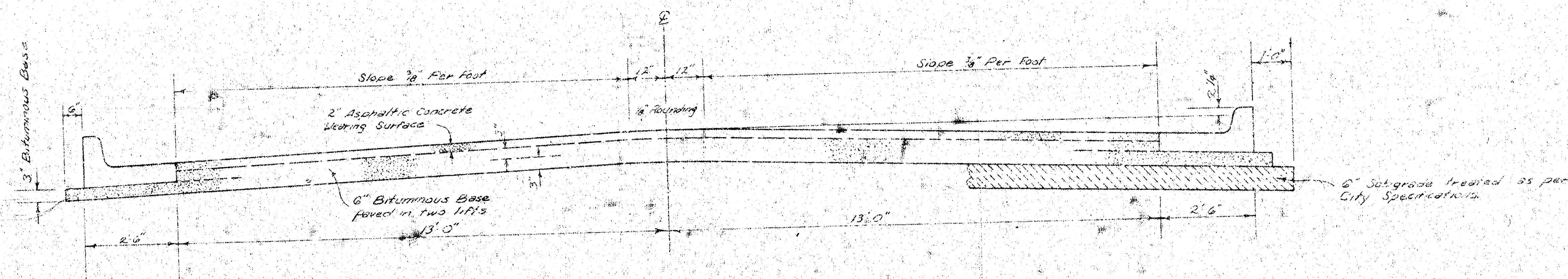
PONDEROSA ST. - W.L. 2nd ADDITION TO SUNSET MANOR WEST TO W.L. WILBUR LANE

SUNSET DR. - N.L. PONDEROSA TO N.L. 2nd ADDITION TO SUNSET MANOR WEST

CITY of WICHITA, KANSAS

R.W. LINN CITY ENGINEER
PROJECT NO. DAKS 574107





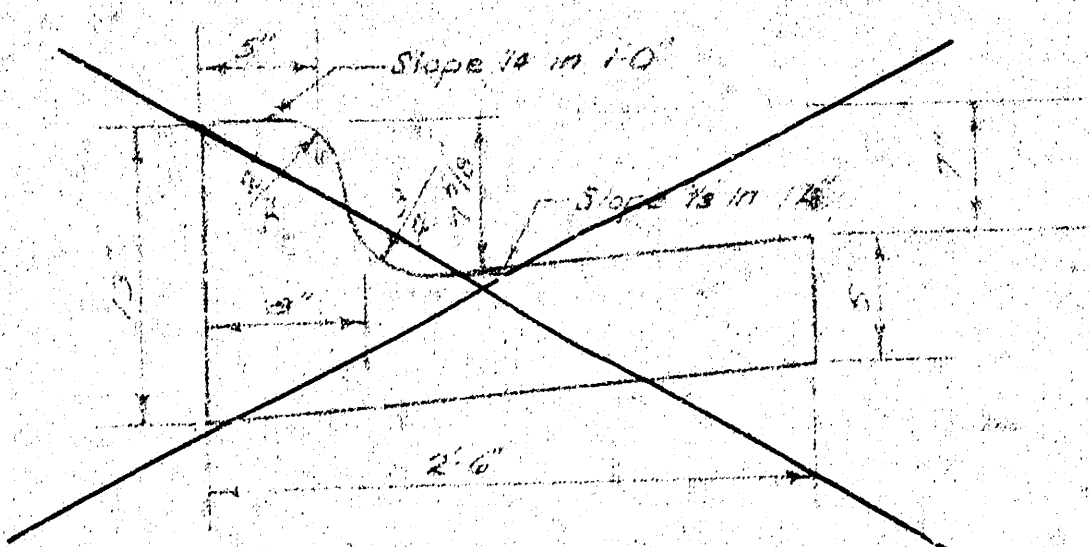
TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

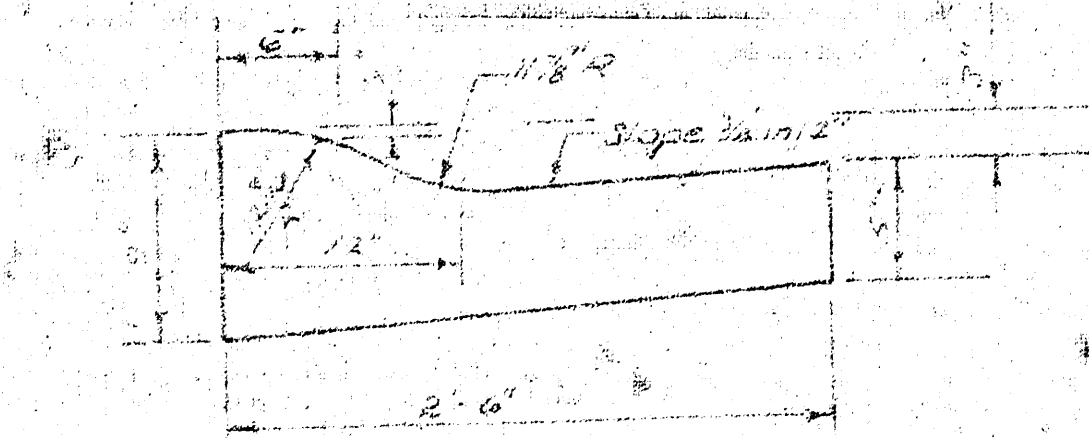
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS 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. 3" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 3" Bituminous Base.

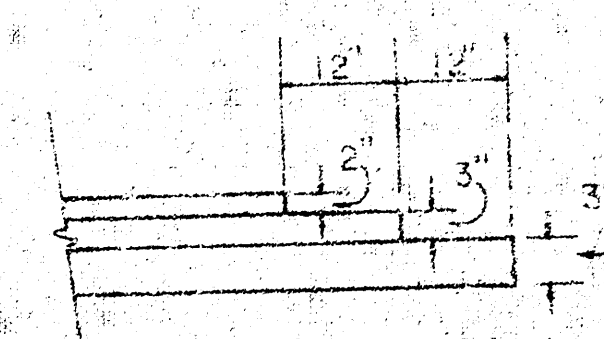
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAILS 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.

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

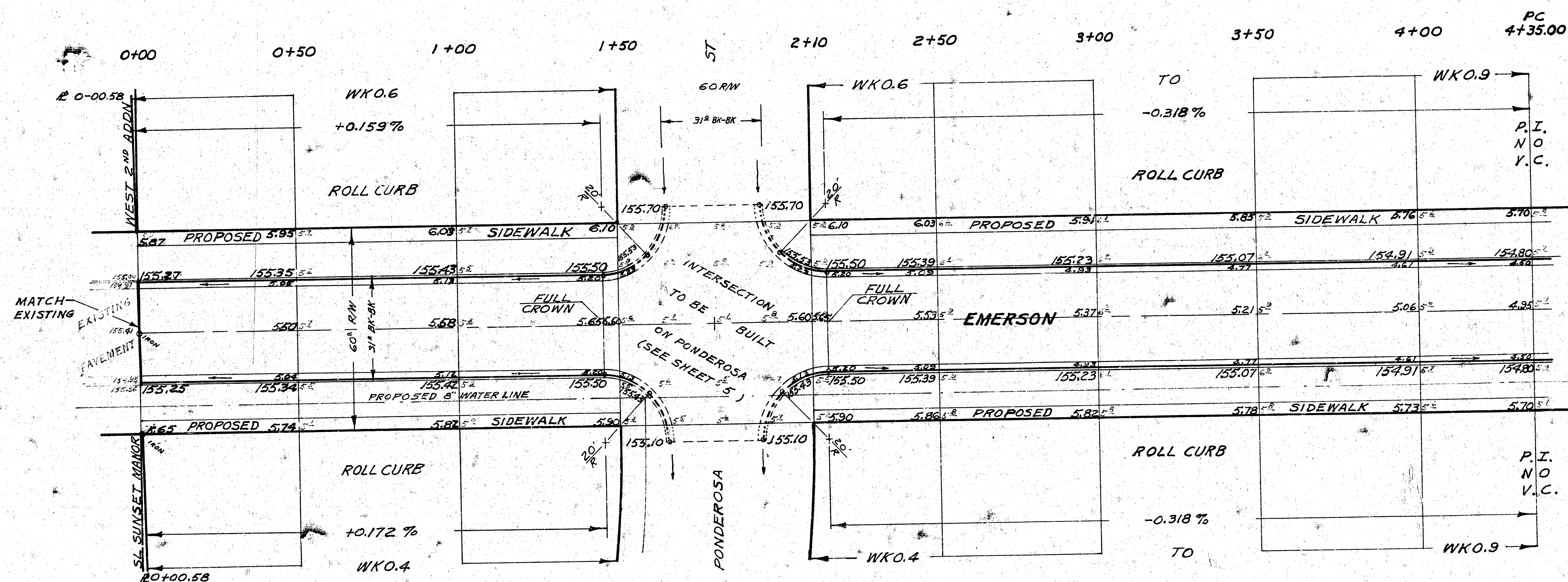
R. W. LINN CITY ENGINEER

DATE: _____ PROJ. NO. DAKS574107 2/3

2/16

BASELINE ON E
 BM 18.102 RIDGE RD 413TH CITY STD 6" CONC POST WITH BRASS ROD
 BM 153.15 RR SPK ON W SIDE POWER POLE 2' E OF E CORN HOLLAND & APPROX 25' N OF NL 13TH
 BM 151.25 1/2 CUT SEND RAD 5' E CORN EMERSON & E CORN WILBUR
 BM 157.67 NW COR CONC PORCH HOUSE N 1/2 1210 EMERSON

1" = 20'



NOTE: ALL IRONS REMOVED ON THIS PROJECT
 MUST BE REPLACED

DESIGNED BY
 CHECKED BY
 DATE

MANIPULATION (CALC)
 PROPERTY CITY
 3250 SQYD 352 SQYD

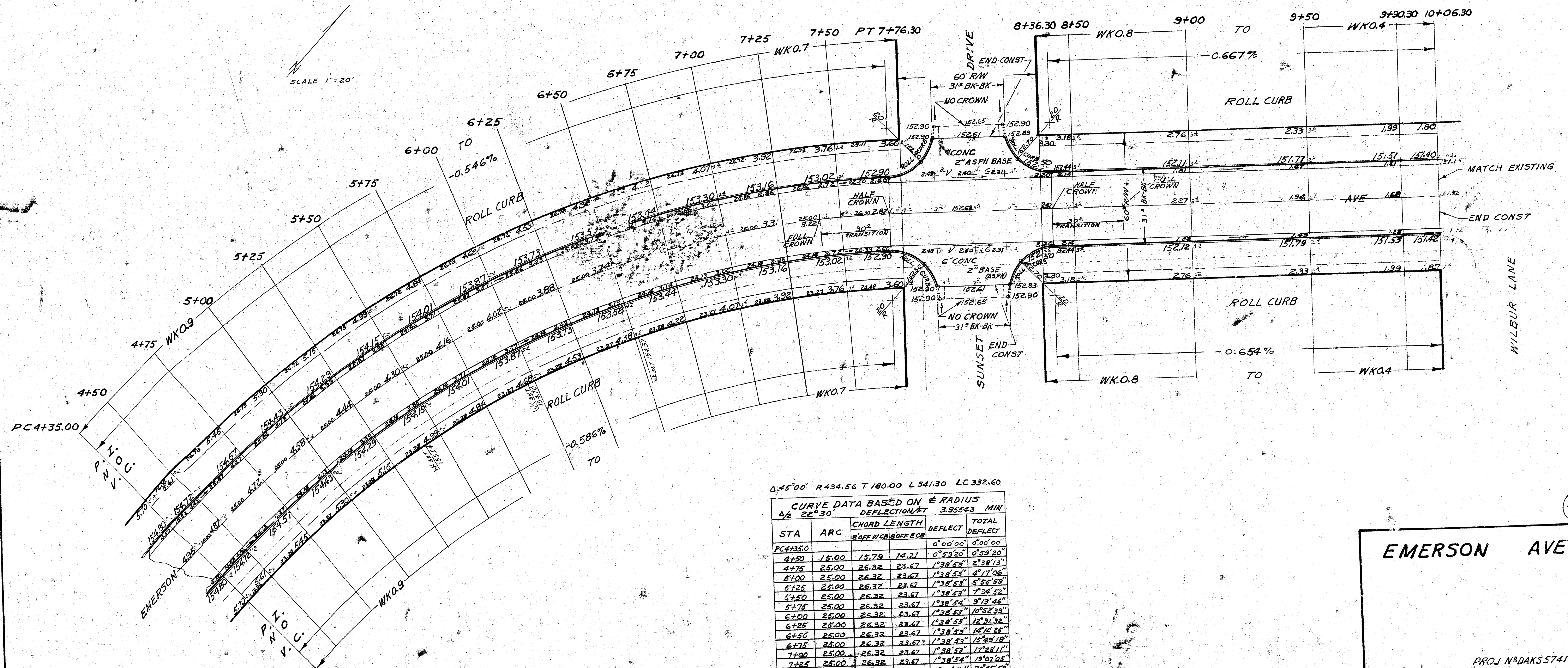
EARTHWORK
 EXCAVATION
 PROPERTY CITY
 QUANTITY 2324.06 358.18
 10% 232.41 35.82
 TOTAL 2556.47 CUYD 394.00 CUYD

COMPACTED FILL
 PROPERTY CITY
 3.14 0
 .31 0
 3.45 CUYD 0

EMERSON AVE
 SL 2" ADDN TO SUNSET MANOR WEST SL WILBUR LN
 26'-2'-30 ASPH CONC PAVT-COMB CB & GTR
 CITY OF WICHITA KANSAS
 R.W. LINN CITY ENGINEER
 DATE PROJ N° DAKS 574163/16

DESIGNED BY
 CHECKED BY
 DATE

SCALE 1"=20'



Δ 45°00' R434.56 T 180.00 L 341.30 LC 332.60
 1/2 22°30'

CURVE DATA BASED ON E RADIUS
 1/2 22°30' DEFLECTION/FT 3.95543 MIN

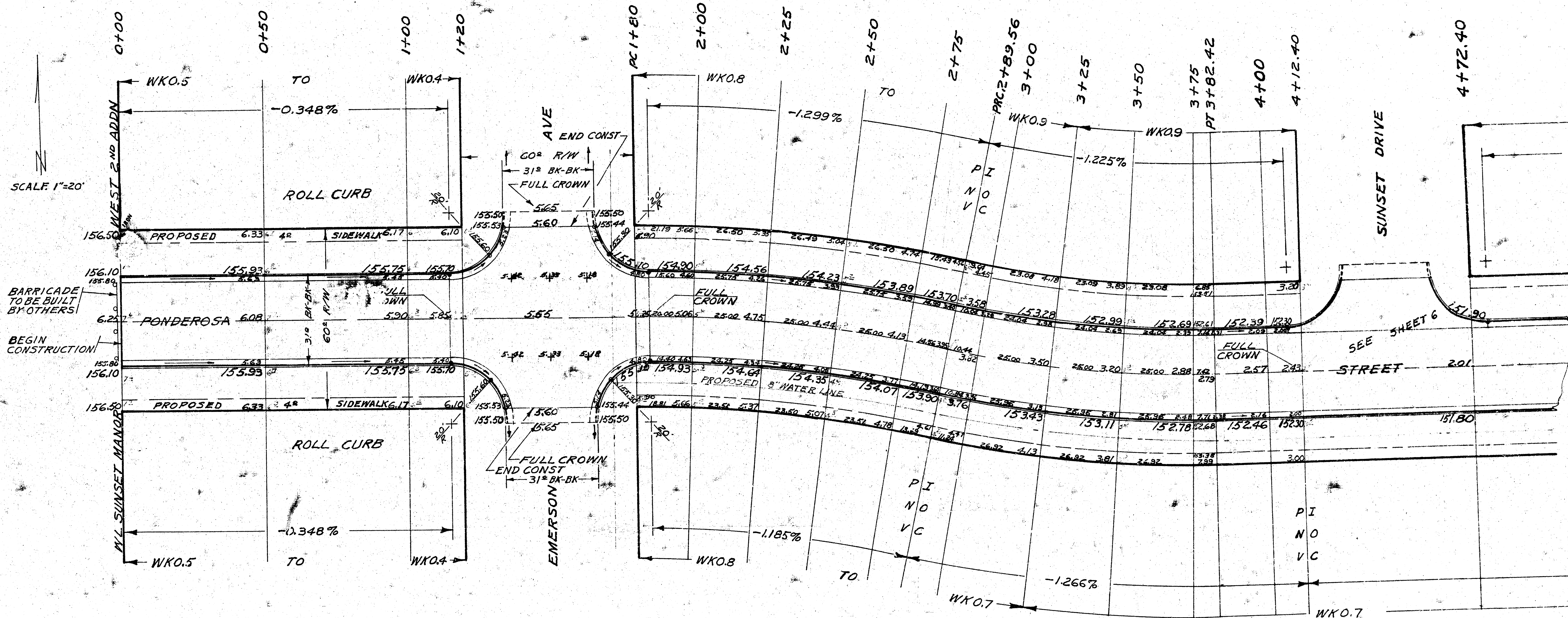
STA	ARC	CHORD LENGTH	DEFLECT	TOTAL DEFLECT
		ROFF WCB OFF ECB		
PC 4+35.00			0°00'00"	0°00'00"
4+50	15.00	15.79	14.21	0°59'20"
4+75	25.00	26.32	23.67	1°38'53"
5+00	25.00	26.32	23.67	2°38'53"
5+25	25.00	26.32	23.67	3°38'53"
5+50	25.00	26.32	23.67	4°38'53"
5+75	25.00	26.32	23.67	5°38'53"
6+00	25.00	26.32	23.67	6°38'53"
6+25	25.00	26.32	23.67	7°38'53"
6+50	25.00	26.32	23.67	8°38'53"
6+75	25.00	26.32	23.67	9°38'53"
7+00	25.00	26.32	23.67	10°38'53"
7+25	25.00	26.32	23.67	11°38'53"
7+50	25.00	26.32	23.67	12°38'53"
7+75	25.00	26.32	23.67	13°38'53"
8+00	25.00	26.32	23.67	14°38'53"
8+25	25.00	26.32	23.67	15°38'53"
8+50	25.00	26.32	23.67	16°38'53"
8+75	25.00	26.32	23.67	17°38'53"
9+00	25.00	26.32	23.67	18°38'53"
9+25	25.00	26.32	23.67	19°38'53"
9+50	25.00	26.32	23.67	20°38'53"
9+75	25.00	26.32	23.67	21°38'53"
10+00	25.00	26.32	23.67	22°38'53"
PT 7+76.30	26.30	27.69	24.90	22°30'

EMERSON AVE

PROJ N°DAKS5741 1/3

4/16

BASELINE ON &
BM 157.67 NW COR CONC PORCH H0#1210 EMERSON



SCALE 1"=20'

ENGINE KRUG
PLN HUGHES
C-30

MANIPULATION (CALC)
PROPERTY CITY
2244 SQ YD 493 SQ YD

EARTHWORK
EXCAVATION
PROPERTY CITY
QUANT 1602.23 417.05
10% 160.22 41.71
TOTAL 1762.45 CY 458.76 CY

COMPACTED FILL
PROPERTY CITY
4.30
4.3
TOTAL 4.73 CY

Δ 12°30' R 502.20 T 55.00 L 103.56 LC 109.35

CURVE DATA BASED ON RADIUS					
Δ 6°15' DEFLECTION/FT 3.422687 MIN					
STA	ARC	CHORD LENGTH	DEFLECT	TOTAL DEFLECT	
PC 1+80.0					
2+00	20.00	20.91	19.08	0°00'00"	0°00'00"
2+25	25.00	26.14	23.85	1°08'27"	1°08'27"
2+50	25.00	26.14	23.85	1°25'34"	2°34'01"
2+75	25.00	26.14	23.85	1°25'34"	3°59'35"
PR 2+89.56	14.56	15.23	13.89	0°49'57"	6°15'15"

Δ 13°35'30" R 390.98 T 46.65 L 92.86 LC 92.64

CURVE DATA BASED ON RADIUS					
Δ 6°48'15" DEFLECTION/FT 4.396320 MIN					
STA	ARC	CHORD LENGTH	DEFLECT	TOTAL DEFLECT	
PR 2+89.56					
3+00	10.44	9.83	11.05	0°45'58"	0°45'58"
3+25	25.00	23.53	26.47	1°48'58"	2°35'48"
3+50	25.00	23.53	26.47	1°48'58"	4°25'48"
3+75	25.00	23.53	26.47	1°48'58"	6°15'37"
PT 3+82.42	7.42	6.99	7.86	0°32'38"	6°48'15"

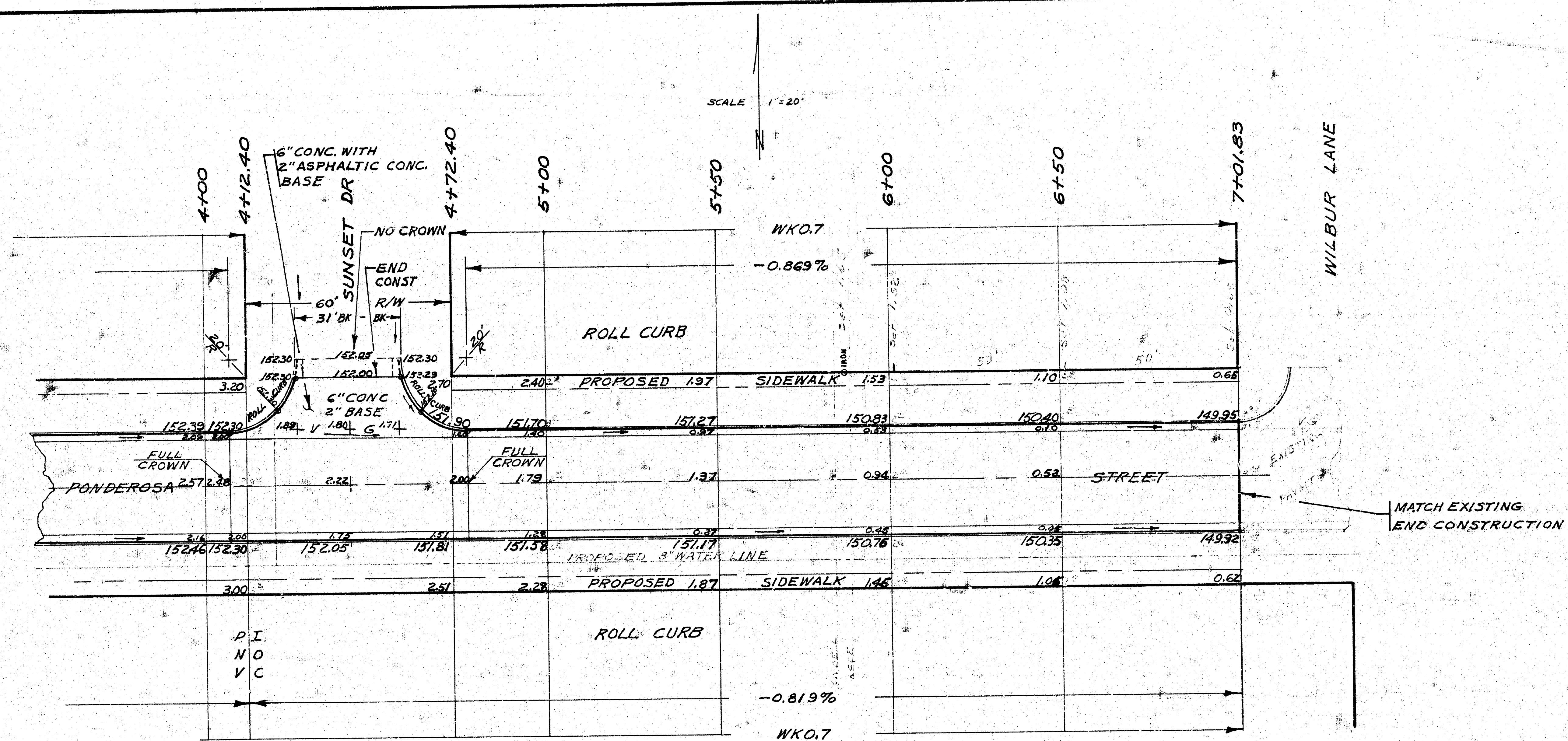
PONDEROSA ST

WIL 2ND ADDN TO SUNSET MANOR WEST WIL WILBUR
26-2-30 ASPH CONC PVT COMB CURB & STR

CITY OF WICHITA, KANSAS

RW LINN CITY ENGINEER
DATE PROJ N2DAXS5741

5/16



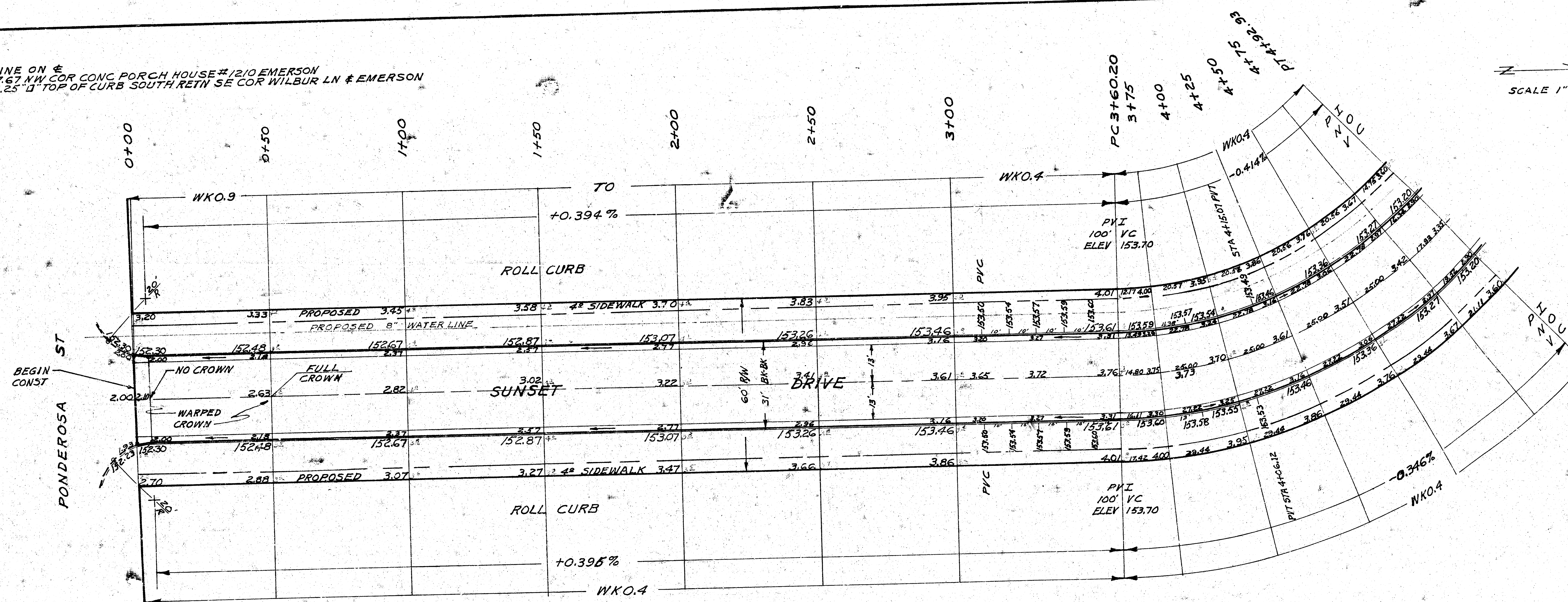
CAUTION
UNDERGROUND
UTILITIES
 Please check with K & E or
 Southwestern Bell
 Telephone Co. for location

PONDEROSA ST

6/16
 PROJ N°DAK5574107

BASELINE ON &
 BM 157.67 NW COR CONC PORCH HOUSE #1210 EMERSON
 BM 151.25 "D" TOP OF CURB SOUTH RETN SE COR WILBUR LN & EMERSON

SCALE 1"=20'



SHAWN KRUG
 Plan Engineer
 EAC
 Checked

NOTE TO FIELD ENGINEER & CONTRACTOR:
 Gross paving and curb right-of-way for proposed street. Compact fill to sidewalk area. All to be constructed by contractor.

MANIPULATION (CALC)
 PROPERTY CITY
 2615 SQ YD 0

EARTHWORK
 EXCAVATION
 PROPERTY CITY
 QUANT 1477.09 0
 10% 147.71
 TOTAL 1624.80 CU YD

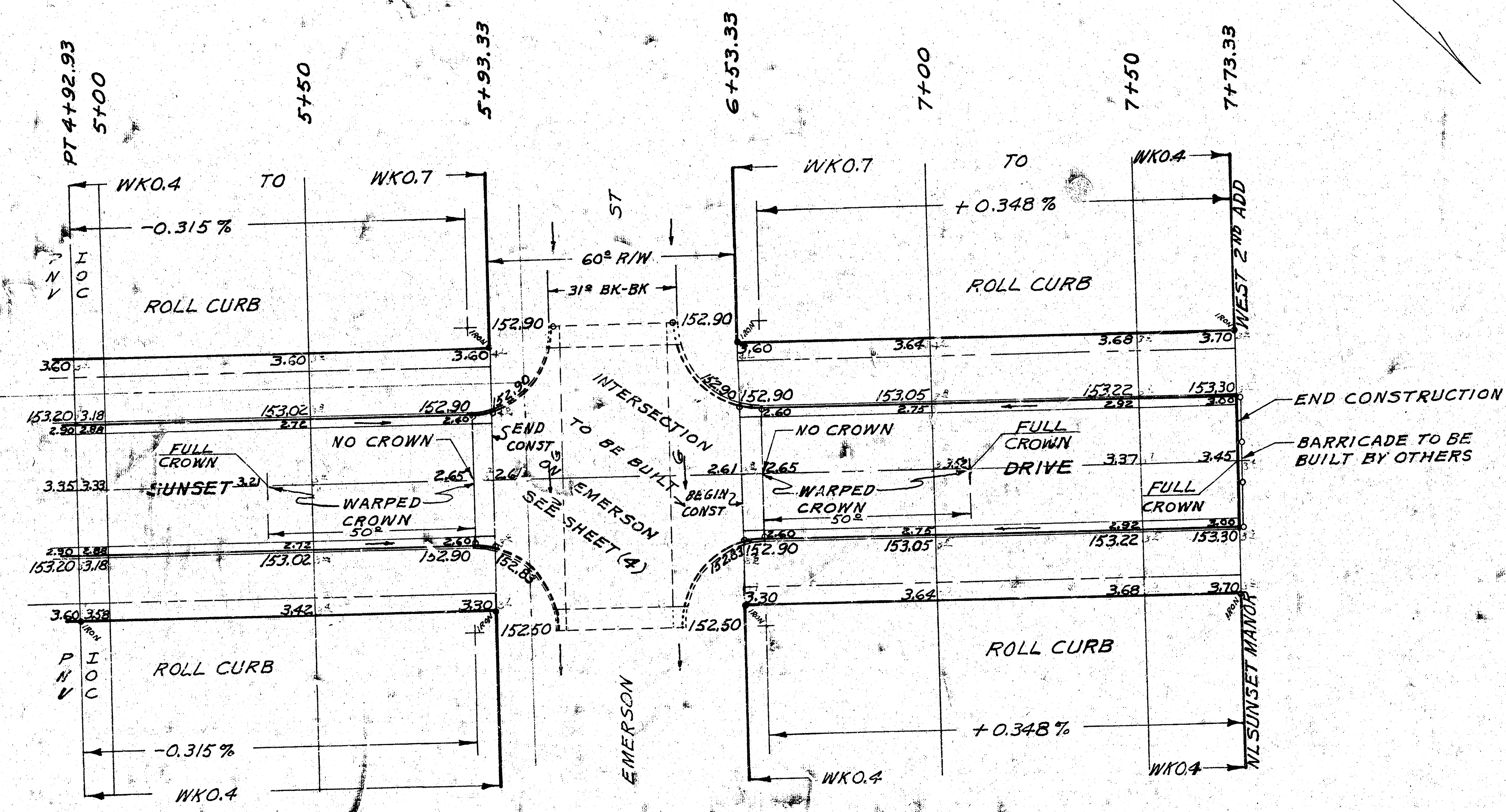
COMPACTED FILL
 PROPERTY CITY
 30.45 0
 3.05
 33.50 CU YD

Δ 45° R169.00 T 70.00 L122.73 LC129.35

CURVE DATA BASED ON RADIUS				
STA	ARC	CHORD LENGTH	DEFLECT	TOTAL DEFLECT
		8' OFF NCB	8' OFF ECB	
PC+60.20				0°00'00"
4+75	14.80	12.78	16.81	2°30'32"
4+100	25.00	21.58	28.37	4°14'16"
4+25	25.00	21.58	28.38	4°14'16"
4+50	25.00	21.58	28.38	4°14'17"
4+75	25.00	21.58	28.38	4°14'16"
PT+92.93	17.83	15.48	20.36	3°02'23"

SUNSET DRIVE
 NL PONDEROSA ~ NL SUNSET MANOR WEST ADJ
 26'-2'-30" ASPH CONC PVT to COMB CURB & GTR
CITY OF WICHITA-KANSAS
 RW LINN CITY ENGINEER
 DATE PROJ N°574107

7/16



SUNSET DRIVE