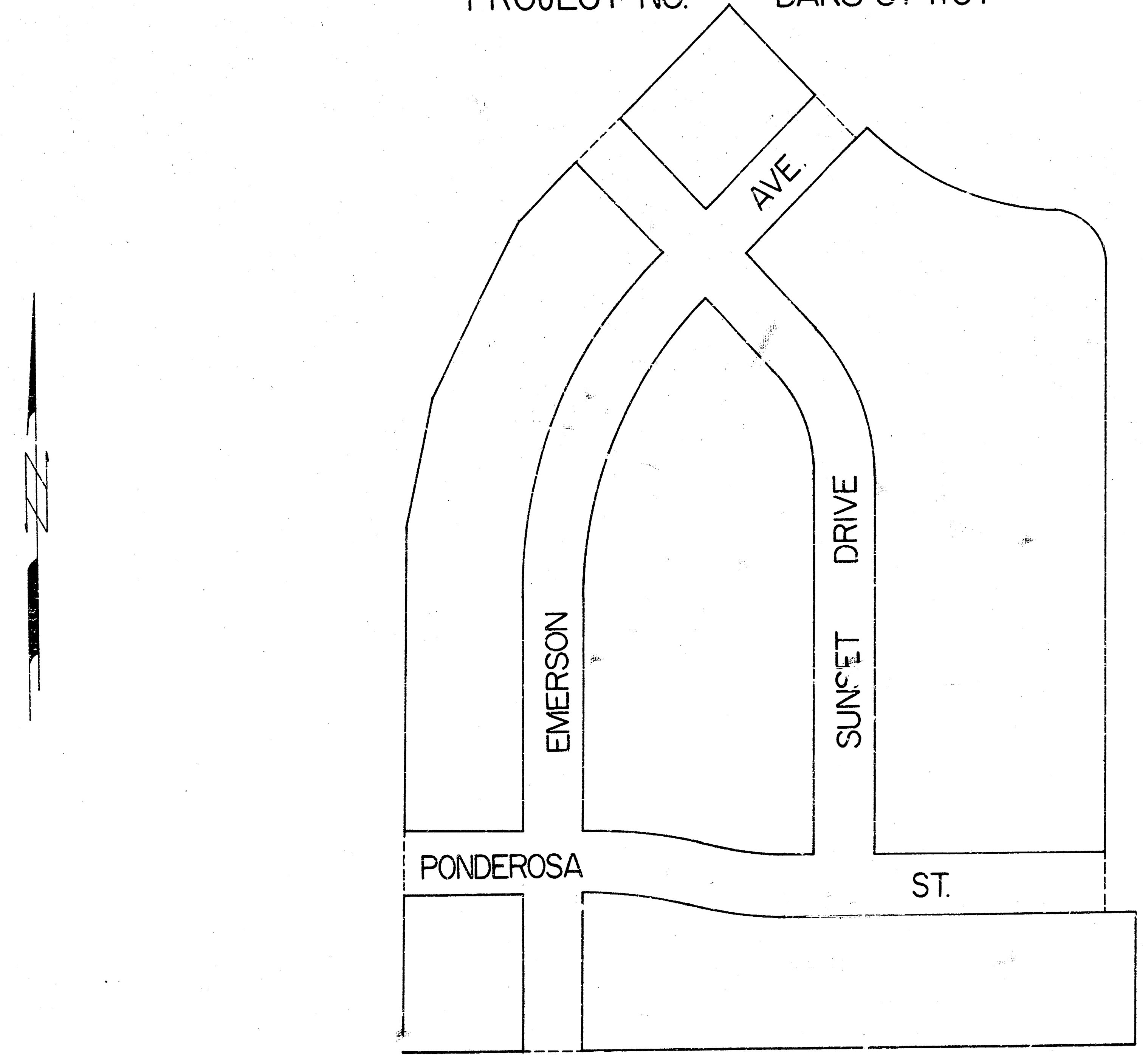
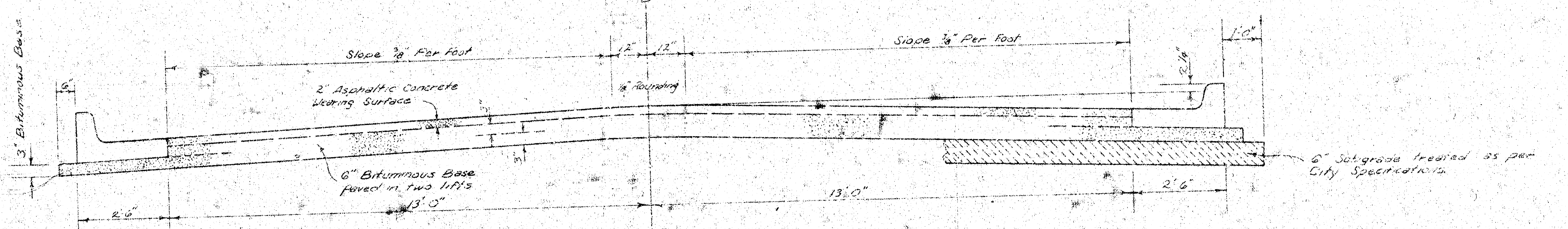
SECOND ADDITION TO SUNSET MANOR WEST ADDITION

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




℄
3" Bituminous Base
6"
Slope 3/8" Per Foot
12"
12"
3/8" Rounding
Slope 3/8" Per Foot
1'-0"
2 1/4"
2" Asphaltic Concrete Wearing Surface
3"
3"
6" Bituminous Base Paved in two lifts
6" Subgrade treated as per City Specifications
2'-6"
13'-0"
13'-0"
2'-6"

TYPICAL SECTION

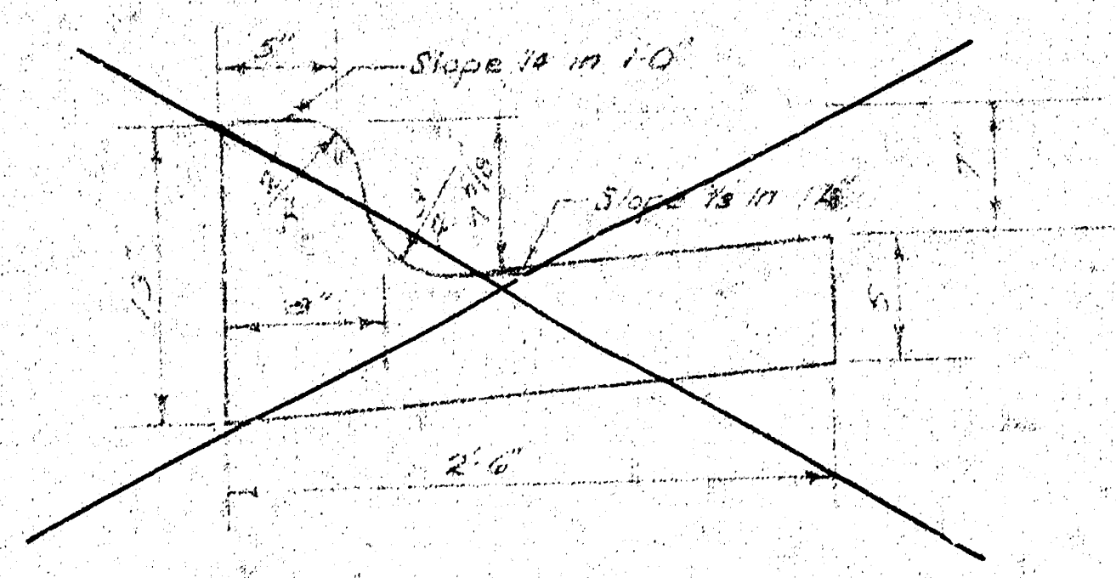
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.

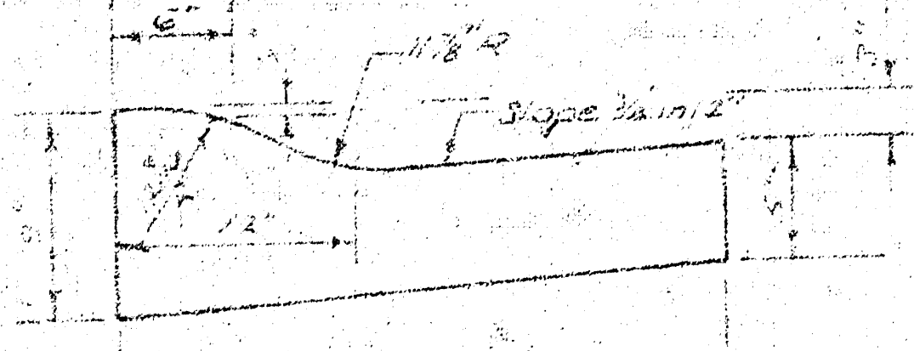
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

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.

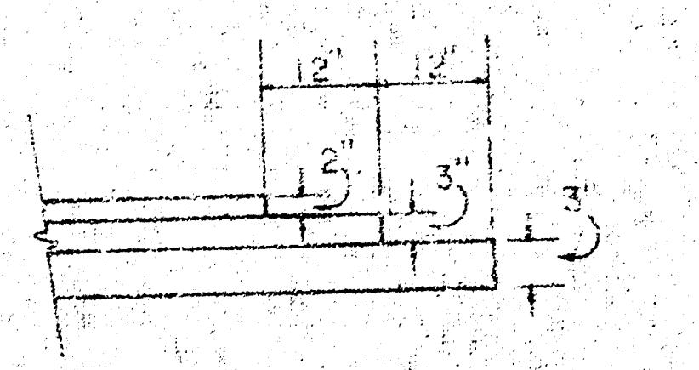
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS

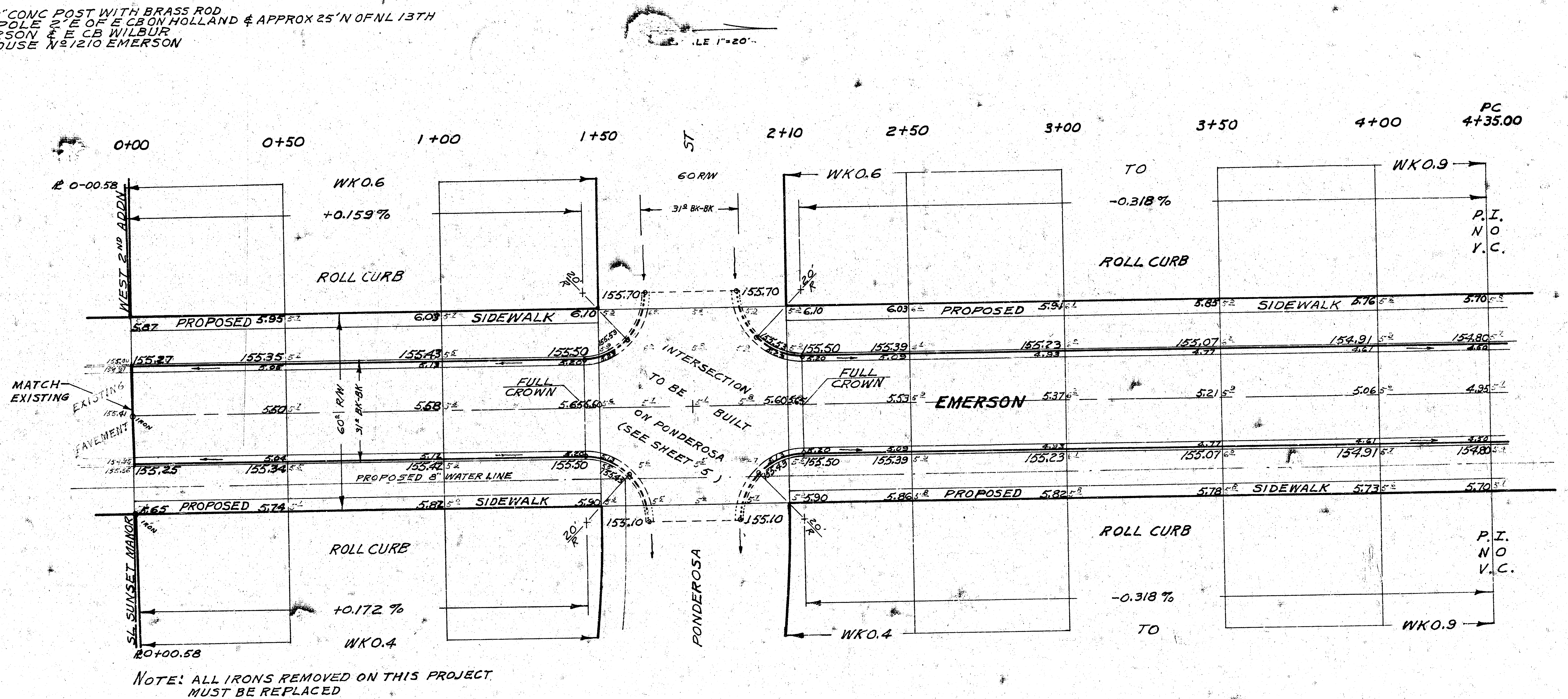


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

2/16

CITY OF WICHITA, KANSAS
DEPARTMENT OF PUBLIC WORKS — ENGINEERING
R. W. LINN CITY ENGINEER
DATE: ____________ PROJ. NO. DAKS574107 2/8

BASELINE ON ℄
BM 148.102 RIDGE RD & 13TH CITY STD 6" CONC POST WITH BRASS ROD
BM 153.15 RR SPK ON W SIDE POWER POLE 2' E OF E CB ON HOLLAND & APPROX 25' N OF NL 13TH
BM 151.25 □ CUT S END RAD SL EMERSON & E CB WILBUR
BM 157.67 NW COR CONC PORCH HOUSE Nº 1210 EMERSON



NOTE: ALL IRONS REMOVED ON THIS PROJECT
MUST BE REPLACED

[illegible] ENGINEER & CONTRACTOR
[illegible] sidewalk area
TO BE CONSTRUCTED BY "OTHERS".
SUBGRADE
TYPE OF SUBGRADE TREATMENT SHALL BE [illegible]

EARTHWORK

MANIPULATION (CALC)	
PROPERTY	CITY
3250 SQYD	352 SQYD

	EXCAVATION		COMPACTED FILL	
	PROPERTY	CITY	PROPERTY	CITY
QUANTITY	2324.06	358.18	3.14	0
10%	232.41	35.82	.31	0
TOTAL	2556.47 CUYD	394.00 CUYD	3.4_ CUYD	0

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EMERSON AVE

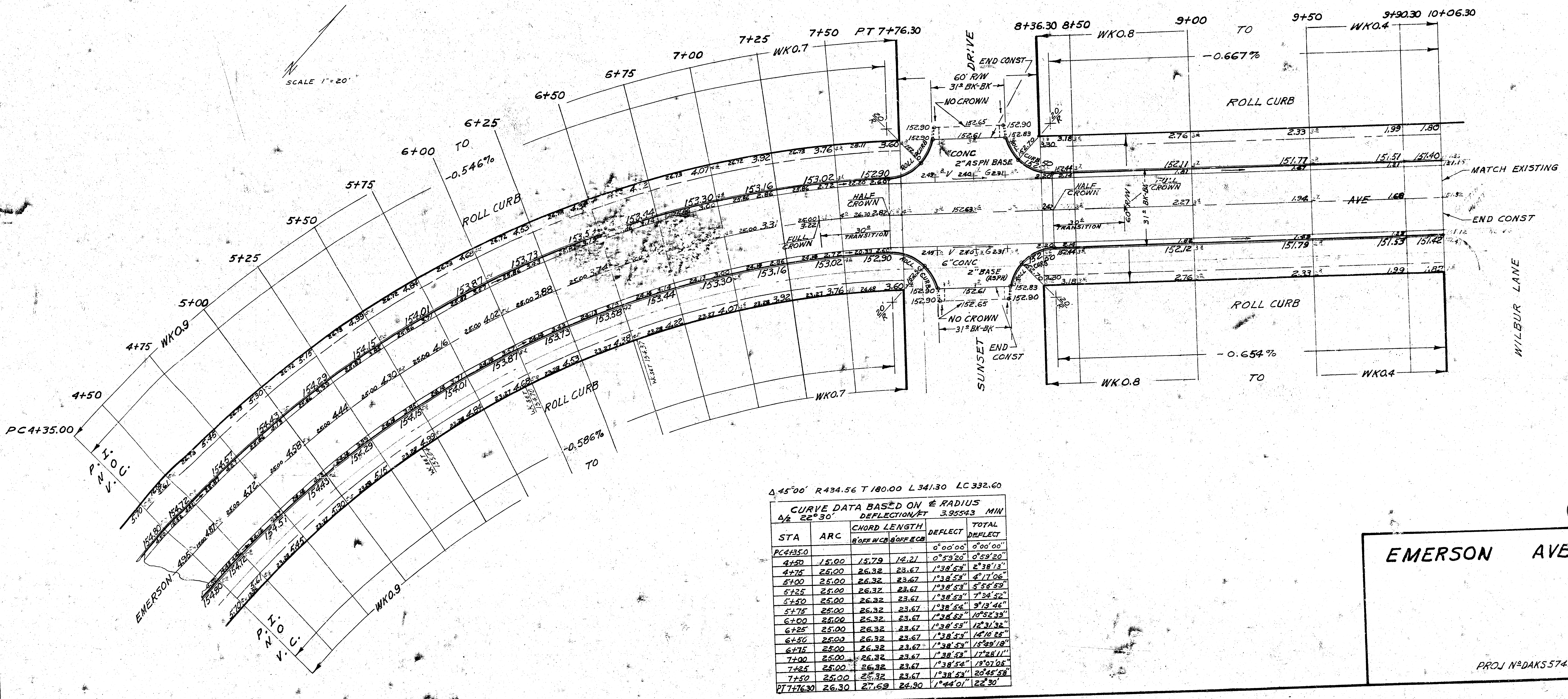
SL 2ND ADDN TO SUNSET MANOR WEST SL WILBUR LN
26-2-30 ASPH CONC PVMT-COMB CB & GTR

CITY OF WICHITA ~ KANSAS

R W LINN CITY ENGINEER
DATE PROJ Nº DAKS 5741

3/8

Survey RIGGS Bk AR-85
Plan D. HUGHES
Eng
Checked



Δ 45°00' R 434.56 T 180.00 L 341.30 LC 332.60

CURVE DATA BASED ON ℄ RADIUS
Δ/2 22°30' DEFLECTION/FT 3.95543 MIN

STA	ARC	CHORD LENGTH		DEFLECT	TOTAL DEFLECT
		8' OFF W CB	8' OFF E CB		
PC 4+35.0				0°00'00"	0°00'00"
4+50	15.00	15.79	14.21	0°59'20"	0°59'20"
4+75	25.00	26.32	23.67	1°38'53"	2°38'13"
5+00	25.00	26.32	23.67	1°38'53"	4°17'06"
5+25	25.00	26.32	23.67	1°38'53"	5°55'59"
5+50	25.00	26.32	23.67	1°38'53"	7°34'52"
5+75	25.00	26.32	23.67	1°38'54"	9°13'46"
6+00	25.00	26.32	23.67	1°38'53"	10°52'39"
6+25	25.00	26.32	23.67	1°38'53"	12°31'32"
6+50	25.00	26.32	23.67	1°38'53"	14°10'25"
6+75	25.00	26.32	23.67	1°38'53"	15°49'18"
7+00	25.00	26.32	23.67	1°38'53"	17°28'11"
7+25	25.00	26.32	23.67	1°38'54"	19°07'05"
7+50	25.00	26.32	23.67	1°38'53"	20°45'58"
PT 7+76.30	26.30	27.69	24.90	1°44'01"	22°30'

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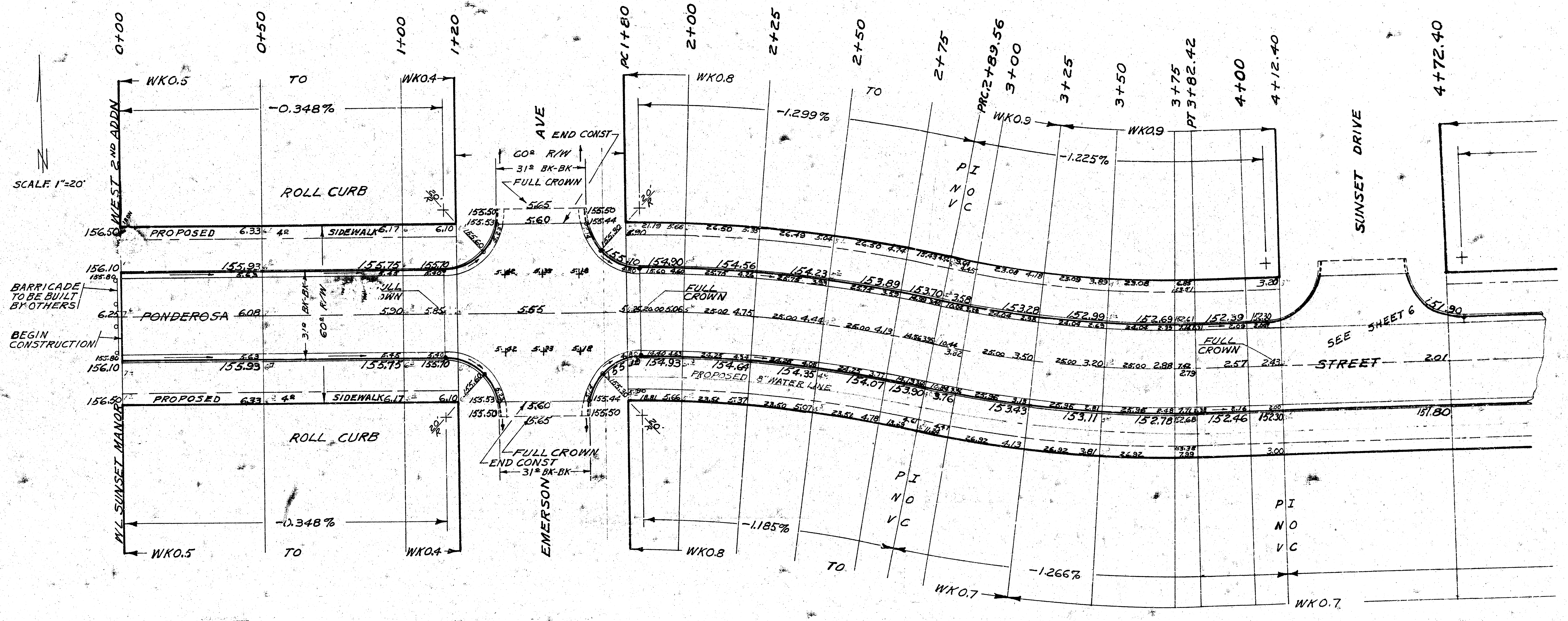
EMERSON AVE

PROJ Nº DAKS 5741

BASELINE ON ℄
BM 157.67 NW COR CONC PORCH HO#1210 EMERSON



EARTHWORK

MANIPULATION (CALC)			EXCAVATION		COMPACTED FILL	
PROPERTY	CITY		PROPERTY	CITY	PROPERTY	CITY
2244 SQ YD	493 SQYD	QUANT	1602.23	417.05	4.30	
		10%	160.22	41.71	.43	
		TOTAL	1762.45 CY	458.76 CY	4.73 CY	

Δ 12°30' R502.20 T 55.00 L 109.56 LC 109.35

CURVE DATA BASED ON ℄ RADIUS
Δ/2 6°15' DEFLECTION/FT 3.422687 MIN

STA	ARC	CHORD LENGTH 8'OFF N CB	CHORD LENGTH 8'OFF S CB	DEFLECT	TOTAL DEFLECT
PC1+80.0				0°00'00"	0°00'00"
2+00	20.00	20.91	19.08	1°08'27"	1°08'27"
2+25	25.00	26.14	23.85	1°25'34"	2°34'01"
2+50	25.00	26.14	23.85	1°25'34"	3°59'35"
2+75	25.00	26.14	23.85	1°25'34"	5°25'09"
PRC2+89.56	14.56	15.23	13.89	0°49'51"	6°15'

Δ 13°36'30" R390.98 T 46.65 L 92.86 LC 92.64

CURVE DATA BASED ON ℄ RADIUS
Δ/2 6°48'15" DEFLECTION/FT 4.396320 MIN

STA	ARC	CHORD LENGTH 8'OFF N CB	CHORD LENGTH 8'OFF S CB	DEFLECT	TOTAL DEFLECT
PRC2+89.56				0°00'00"	0°00'00"
3+00	10.44	9.83	11.05	0°45'54"	0°45'54"
3+25	25.00	23.53	26.47	1°49'54"	2°35'48"
3+50	25.00	23.53	26.47	1°49'55"	4°25'43"
3+75	25.00	23.53	26.47	1°49'54"	6°15'37"
PT3+82.42	7.42	6.98	7.86	0°32'38"	6°48'15"

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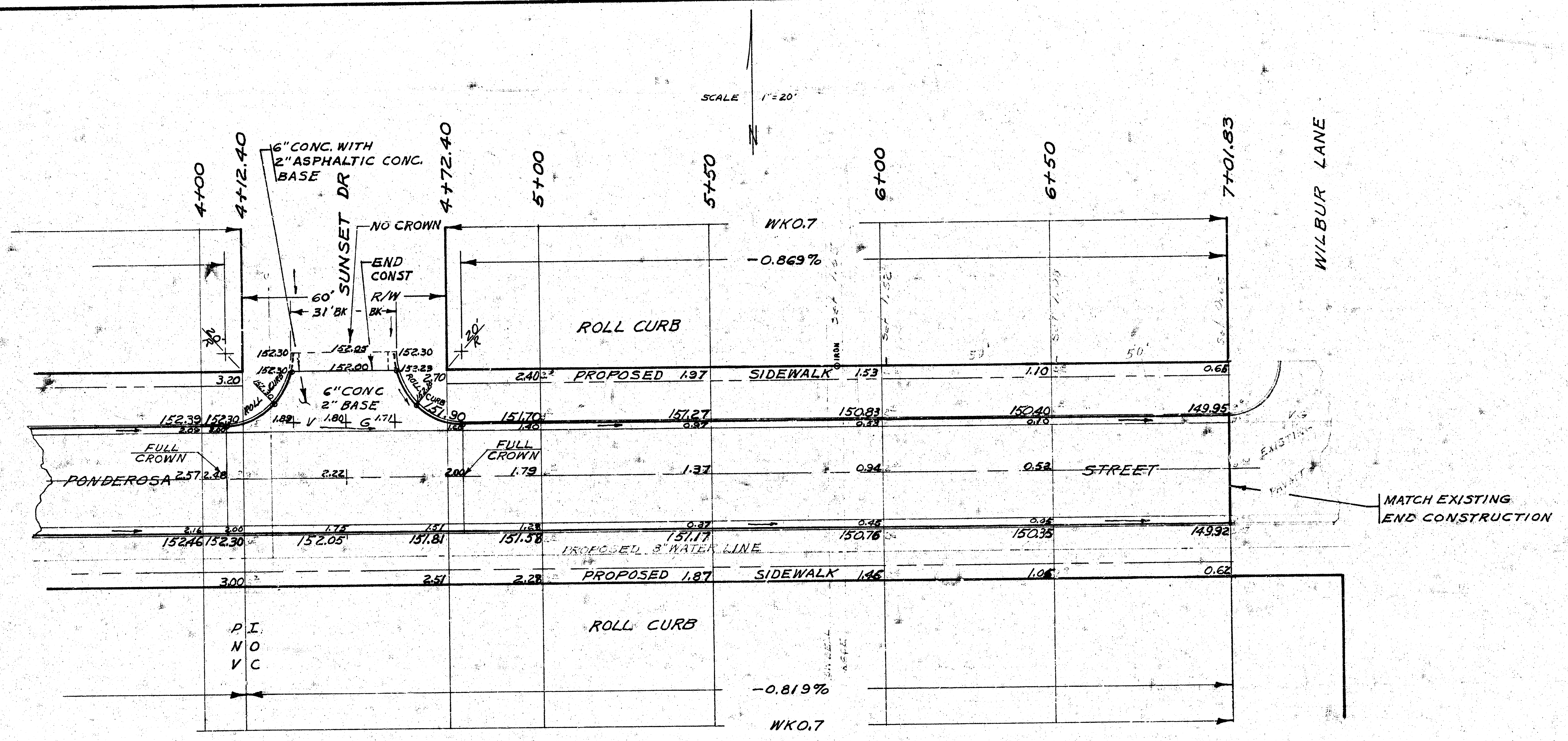
PONDEROSA ST

WL 2ND ADDN TO SUNSET MANOR WEST to WL WILBUR
26-2-30 ASPH CONC PVMT & COMB CURB & GTR

CITY OF WICHITA, KANSAS

R W LINN CITY ENGINEER
DATE PROJ No DAK5574I 5/8



CAUTION

UNDERGROUND
UTILITIES

Please check with K G & E or
Southwestern Bell
Telephone Co. for Location

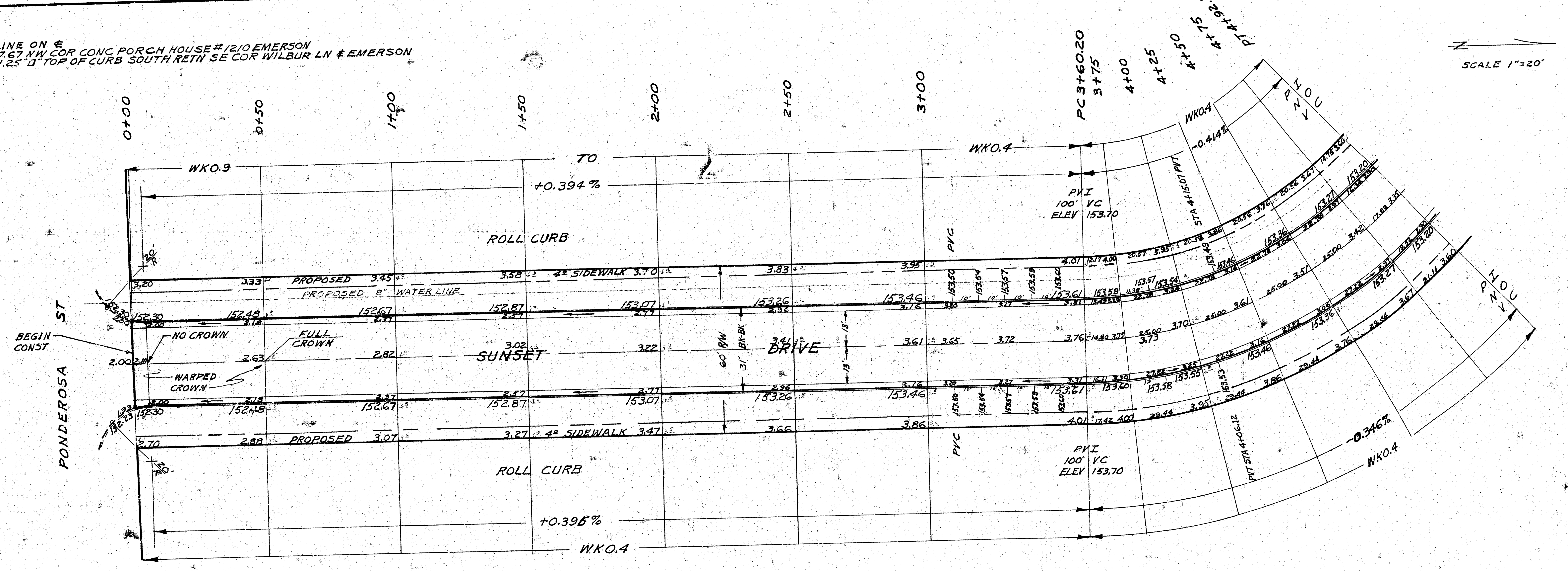
6/16

PONDEROSA ST

6/8

PROJ Nº DAKS574107

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



Survey KRUG
Plan HUGHES
Exc
Checked
DLK2098

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".

MANIPULATION (CALC)

PROPERTY	CITY
2615 SQ YD	0

EARTHWORK

EXCAVATION

	PROPERTY	CITY
QUANT	1477.09	0
10%	147.71	
TOTAL	1624.80 CUYD	

COMPACTED FILL

PROPERTY	CITY
30.45	0
3.05	
33.50 CUYD	

Δ 45° R 169.00 T 70.00 L 132.73 LC 129.35

CURVE DATA BASED ON ℄ RADIUS
Δ/2 22°30' DEFLECTION/FT

STA	ARC	CHORD LENGTH		DEFLECT	TOTAL DEFLECT
		8' OFF WCB	8' OFF ECB		
PC 3+60.20				0°00'00"	0°00'00"
3+75	14.80	12.78	16.81	2°30'32"	2°30'32"
4+00	25.00	21.58	28.37	4°14'16"	6°44'48"
4+25	25.00	21.58	28.38	4°14'16"	10°59'04"
4+50	25.00	21.58	28.38	4°14'17"	15°13'21"
4+75	25.00	21.58	28.38	4°14'16"	19°27'37"
PT 4+92.93	17.93	15.48	20.36	3°02'23"	22°30'00"

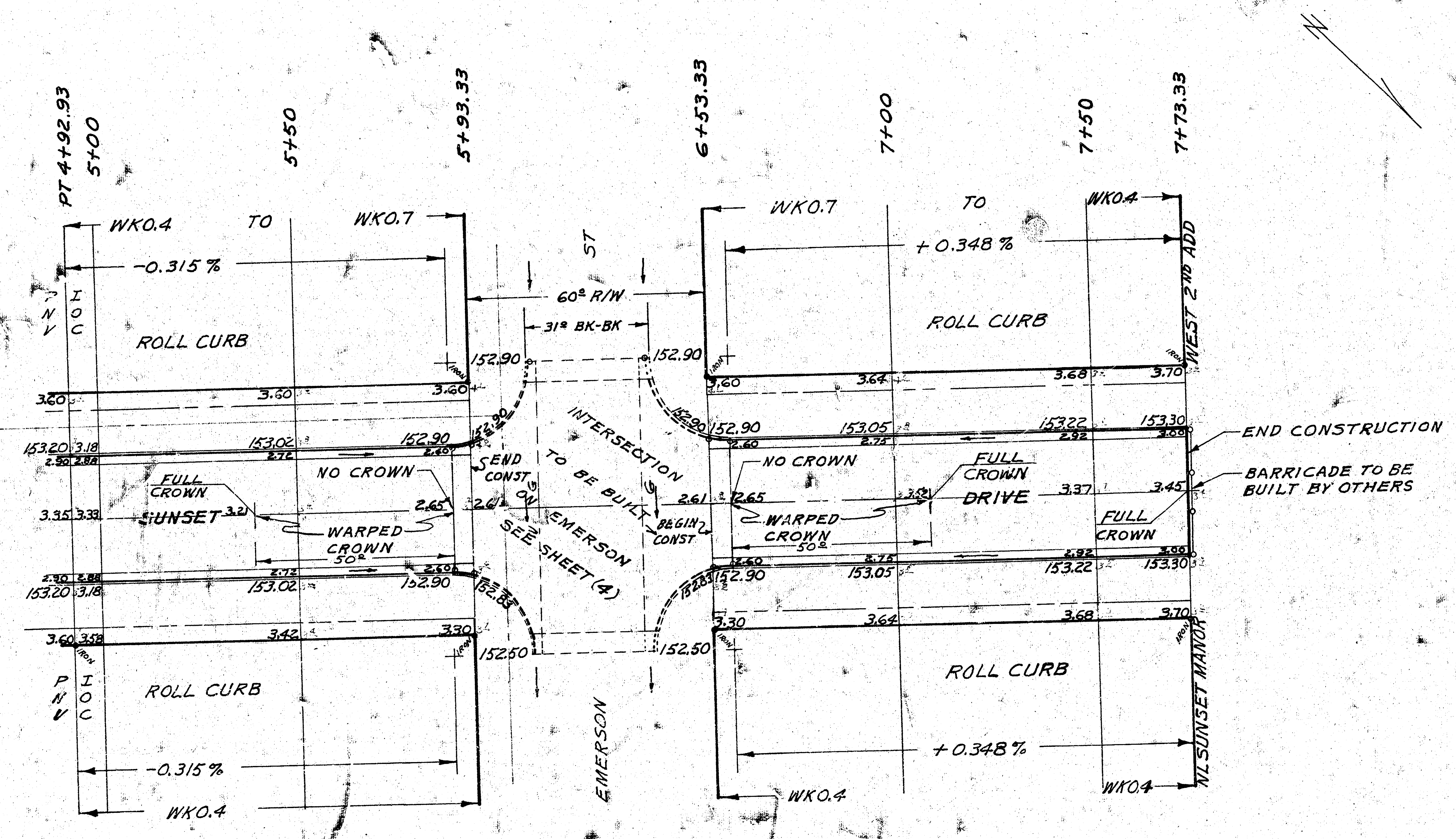
7/16

SUNSET DRIVE

NL PONDEROSA to NL SUNSET MANOR WEST ADN
26-2-30 ASPH CONC PVMT & COMB CURB & GTR

CITY OF WICHITA – KANSAS

R W LINN CITY ENGINEER
DATE PROJ № 574107 7/8



8/16

SUNSET DRIVE

PROJ No 574107

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