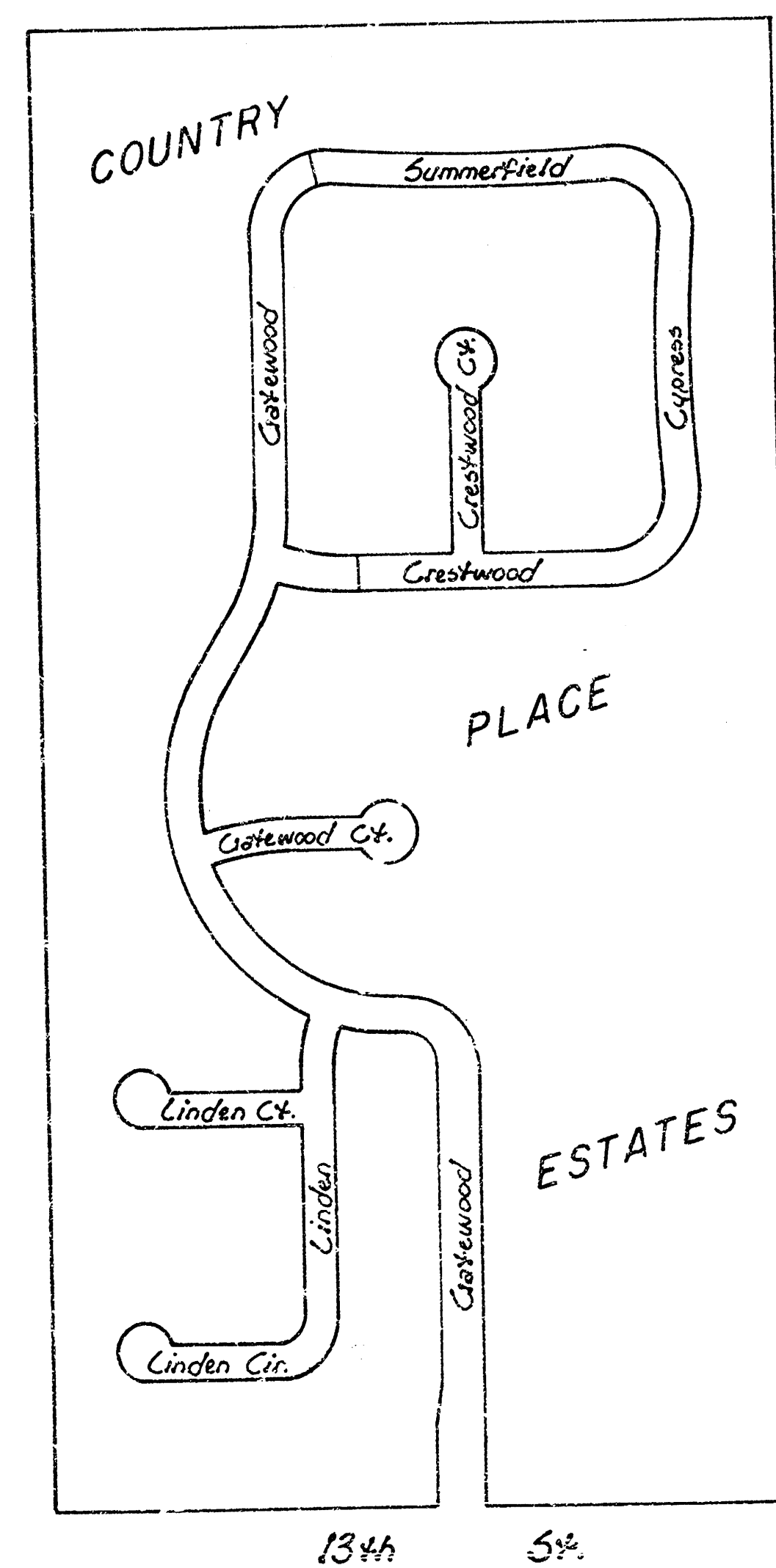


STREETS IN COUNTRY PLACE ESTATES
CRESTWOOD, CYPRESS, & SUMMERFIELD
W.L. LOT 40, BLK. 1, TO SW CORNER OF LOT 27, BLK. 1

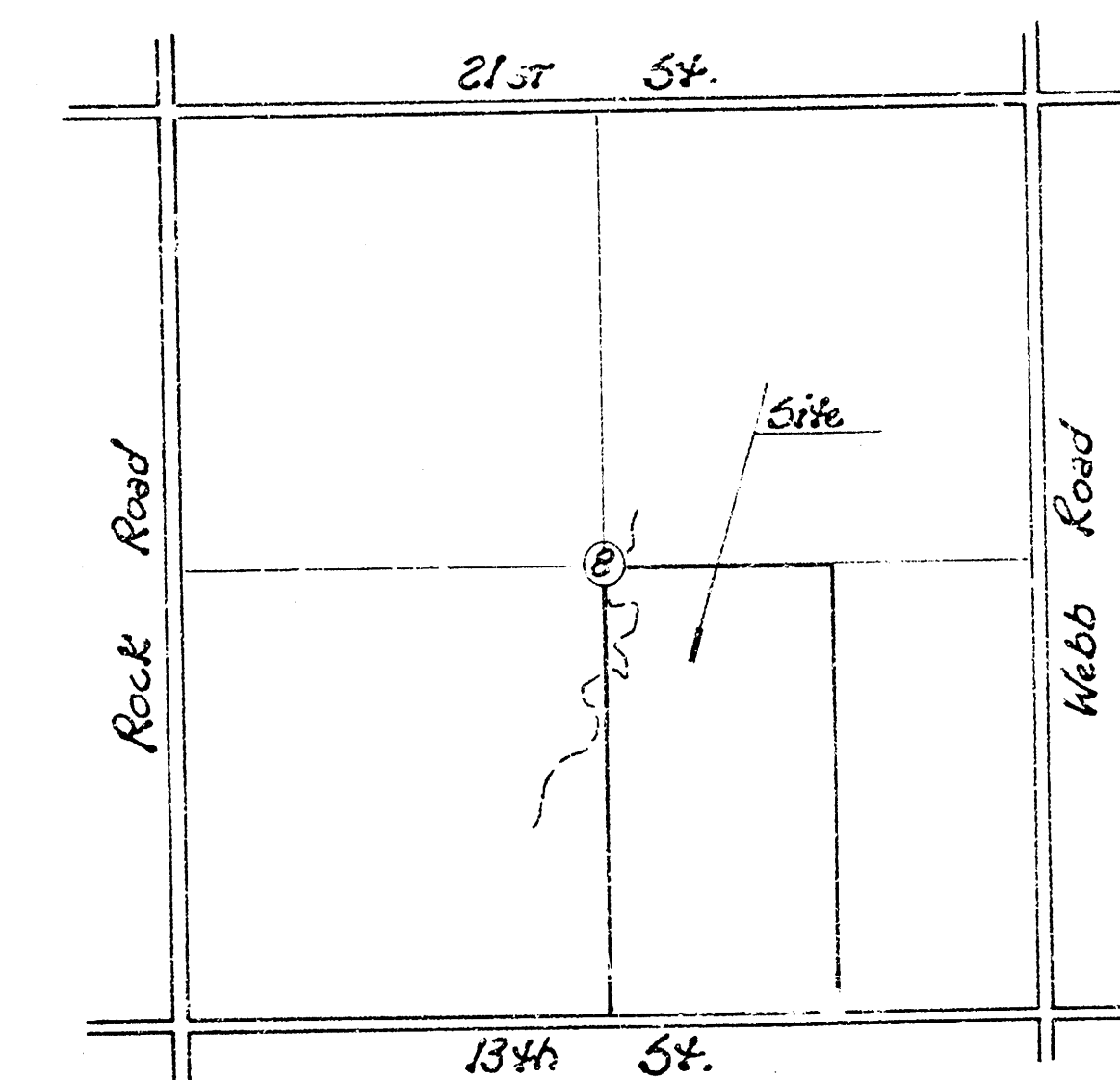
CRESTWOOD COURT
N.L. CRESTWOOD TO & INCLUDING CUL-DE-SAC

PROJECT NO. _____
472-76-245-80812-000-000-001

Note :
Ties to be taken and any "irons" moved or destroyed during construction shall be replaced.
No more than (22) - 20 ft. drives to be constructed on this Project.



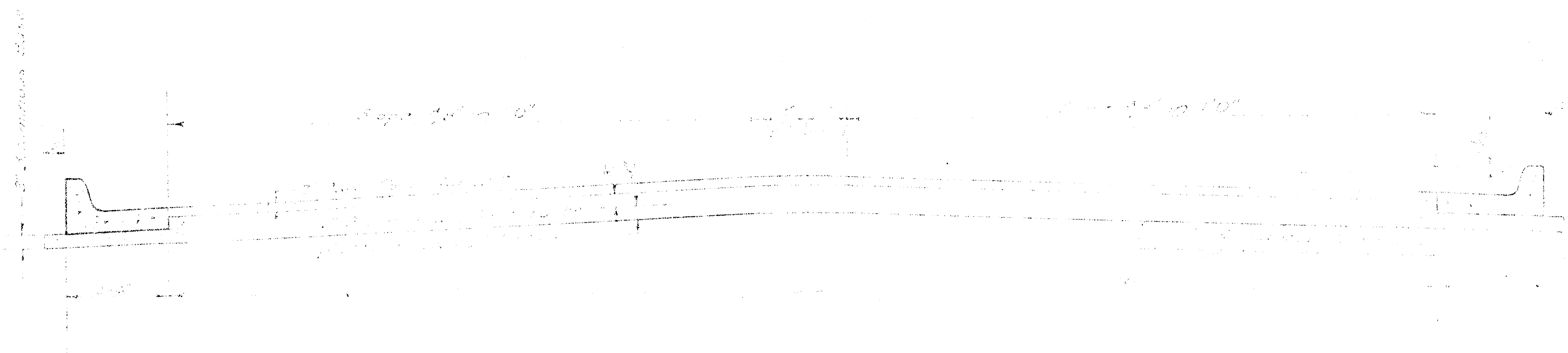
Site Plan



Location Map

CITY OF WICHITA, KS.
DEAN S. SELLERS—ACTING CITY ENGINEER

CRESTWOOD, CYPRESS, & SUMMERFIELD
W. L. LOT 40, BLK. 1 TO SW CORNER OF LOT 27, BLK. 1



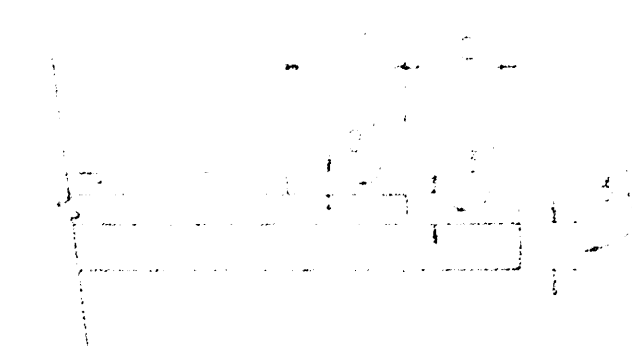
TYPICAL SECTION

15' ASPHALTIC CONCRETE PAVEMENT WITH 2" BITUMINOUS BASE

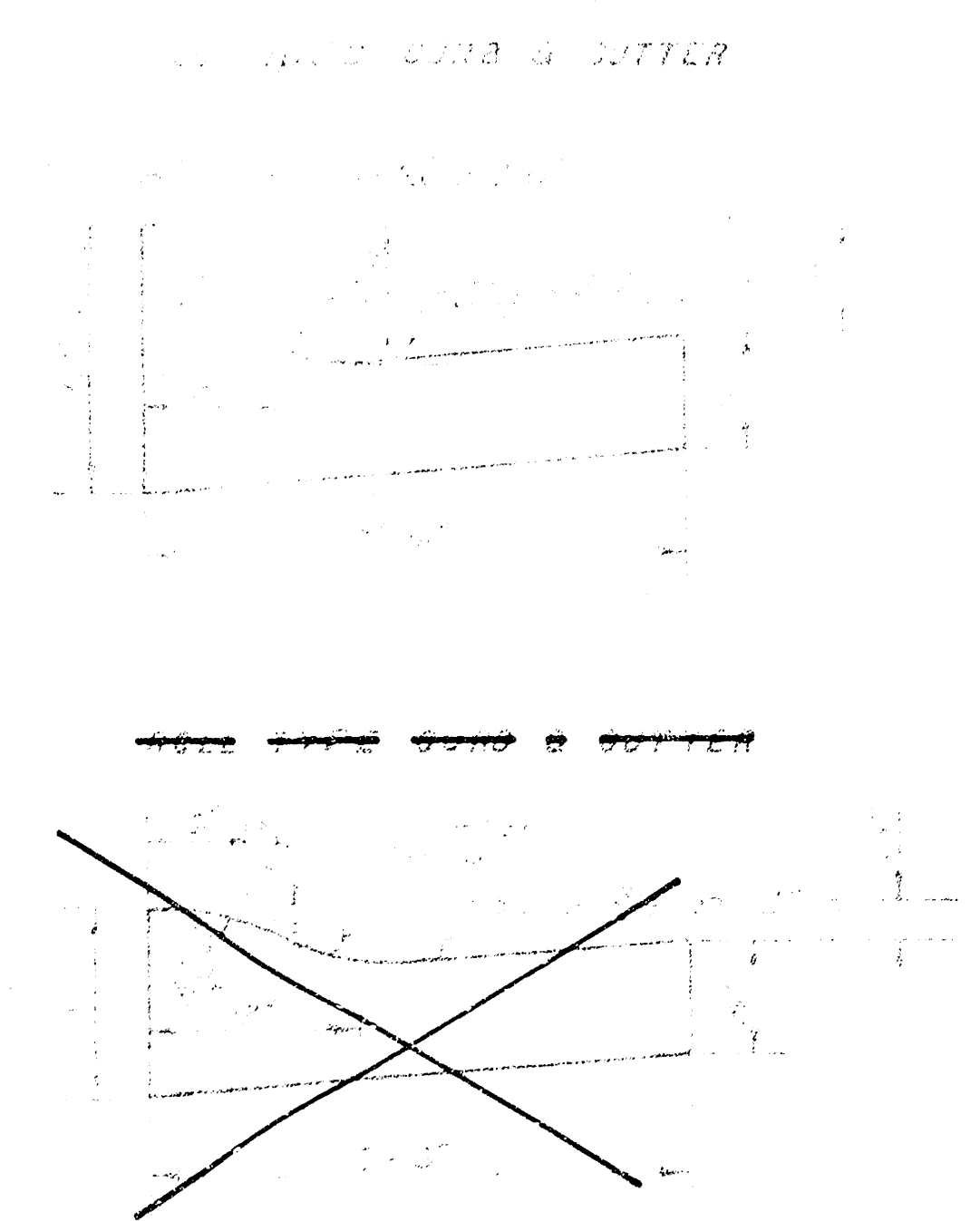
A THICK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED TO THE ENTIRE PAVED AREA. THIS SHALL BE IN 10 LIFTS OF ASPHALTIC MATERIALS WHEN CHIPPED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

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 ROUTING IS TEMPORARILY HAND TO FACILITATE FUTURE PAVEMENT CONSTRUCTION TO BE 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 B.D. PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.



CITY OF WICHITA, KANSAS

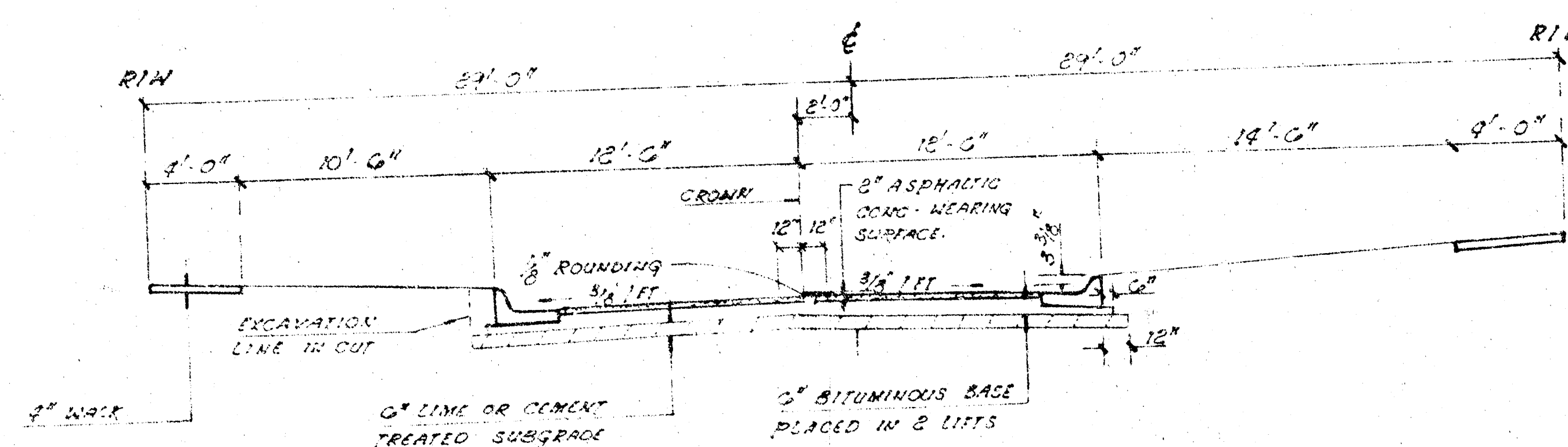
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION

DEAN S. SELLERS — **ACTING** CITY ENGINEER

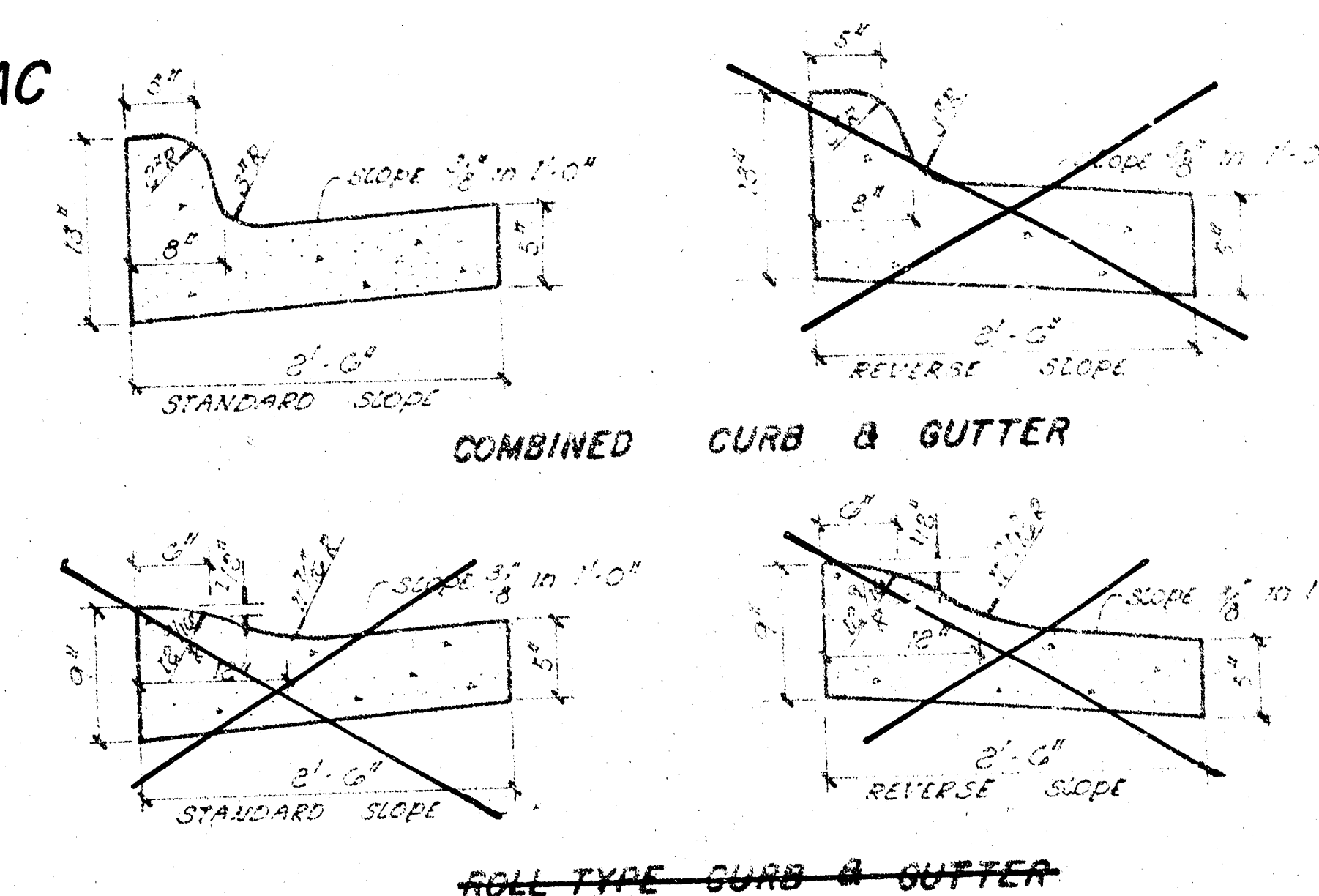
DATE _____ PROJ. NO. _____

21

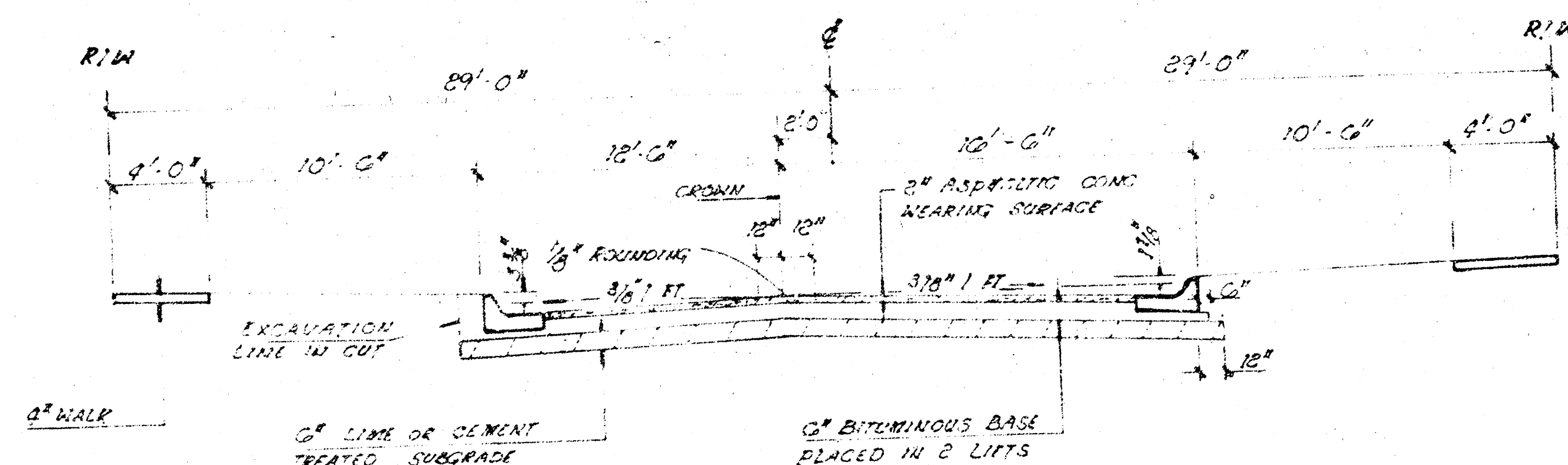
**CRESTWOOD CT.
N. L. CRESTWOOD TO & INCLUDING CUL-DE-SAC**



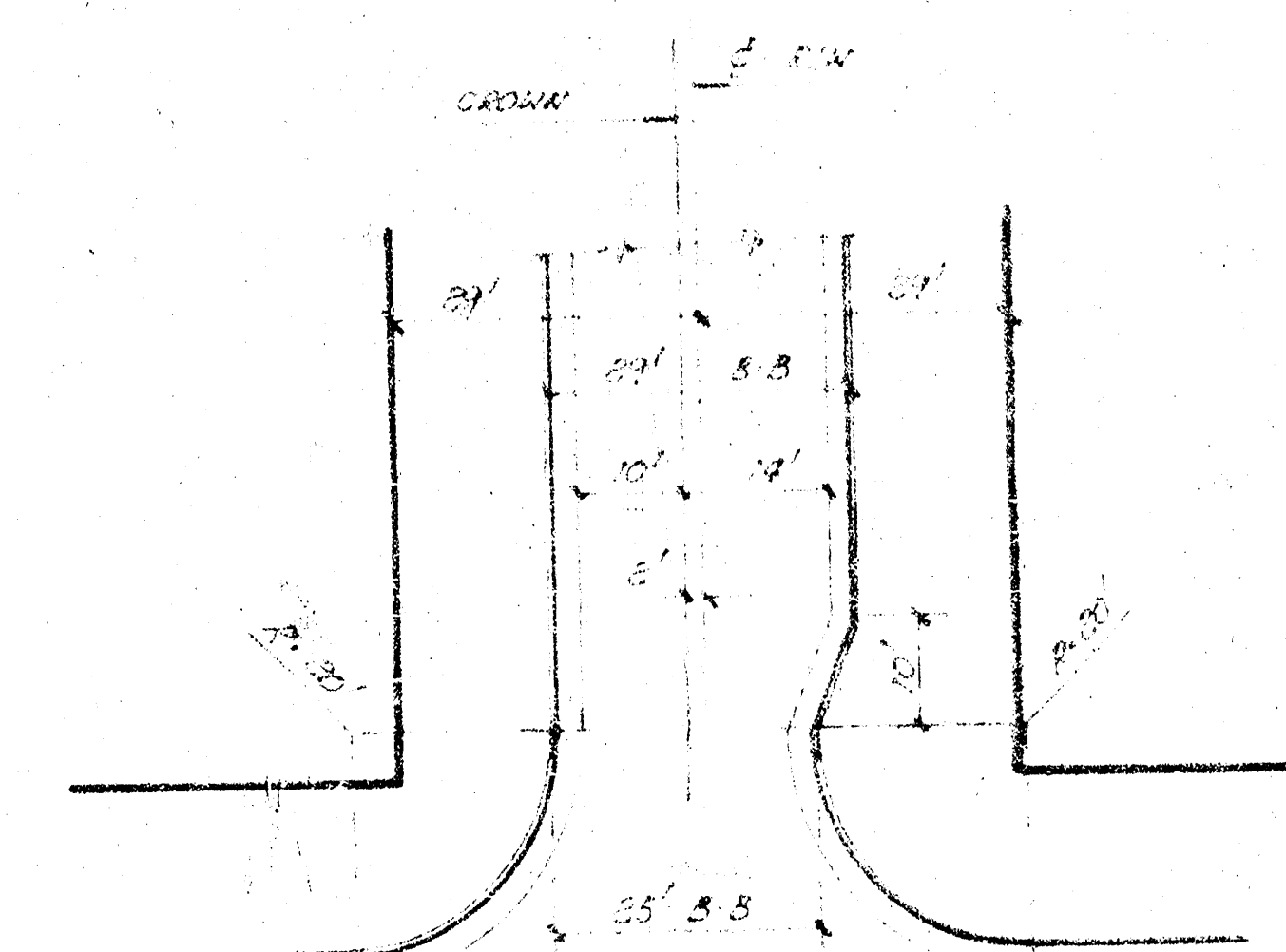
TYPICAL 25' B-B SECTION



**TYPICAL RESIDENTAL SECTIONS
FOR CROWN OFFSET - 58' R/W**



**TYPICAL 29' B-B SECTION
W/ PARKING ON ONE SIDE**



PLAN VIEW (TYPICAL)

GENERAL NOTES

1. A SACK COAT OF EMULSIFIED ASPHALT (SS - 1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQUARE YARD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. SACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
2. THE A.C. PAVEMENT BETWEEN COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 8" A.C. PAVEMENT (6" BITUMINOUS BASE). THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 3" BITUMINOUS BASE.
3. SIDEWALKS INDICATED ON THE TYPICAL SECTION ARE FOR LOCATION ON THAT SECTION. SIDEWALKS SHALL NOT BE CONSTRUCTED ON THIS PROJECT.
4. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTERNAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.
5. INTERNAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2' ± 6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.
6. TRANSITION CURB SHALL BE PAID AS ROLL-TYPE CURB, CURB AND GUTTER.

CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS - ENGINEERING

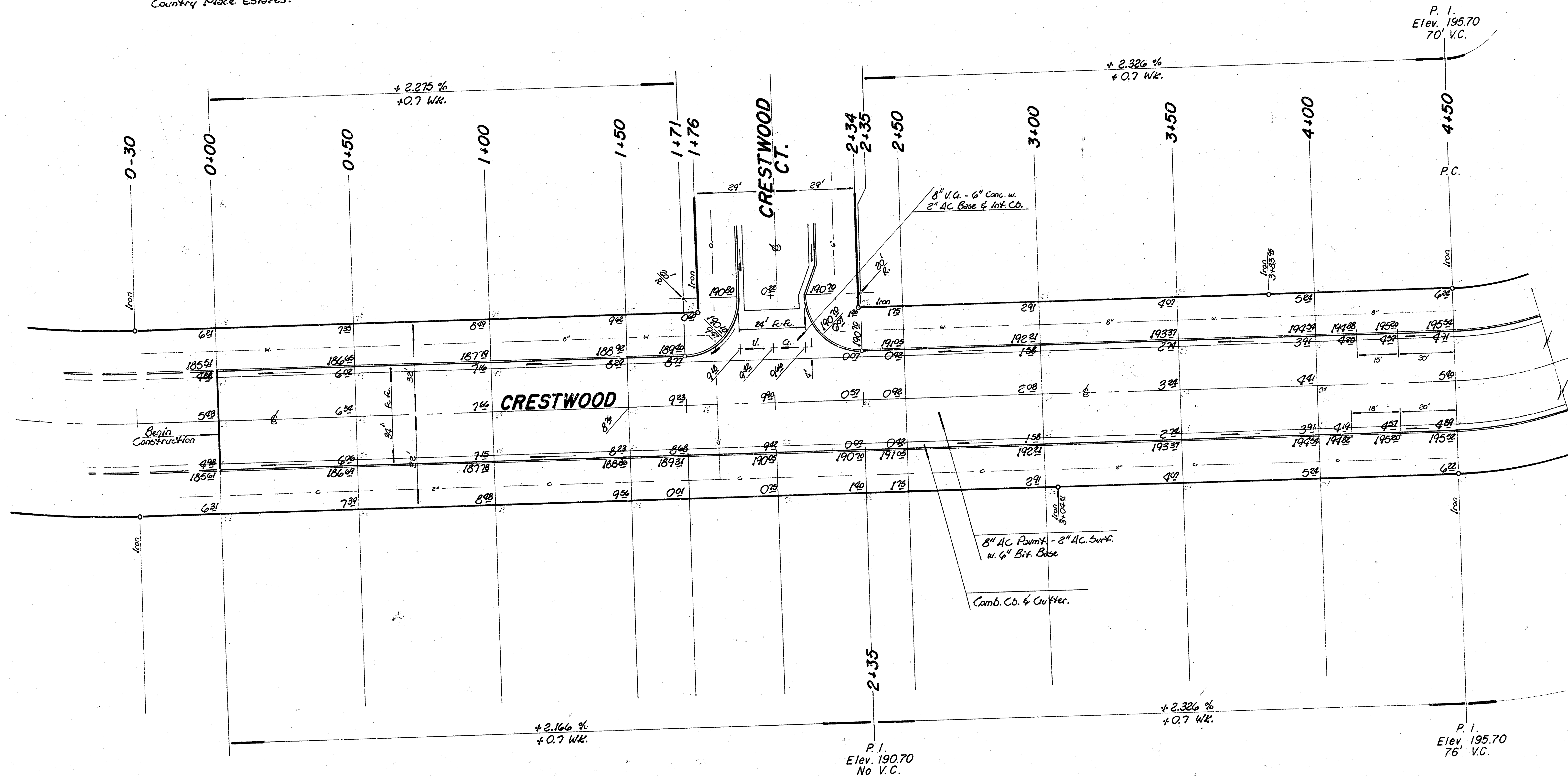
DEAN S. SELLERS ACTING CITY ENGINEER

DATE: PROJ. NO.

3/13

3/17

B.M. 184.09 R.R. Spk. N.W. C. Orange Orange Bridge N-5, near S.E. Cor. Crestwood & Gatewood.
 B.M. 184.16 R.R. Spk. N.E. PP East Side Gatewood 30'± S. of P.C. on W.L. Lot 1, Blk 2, Country Place Estates.



Scale:
1" = 20'



Survey Station
Plan Station
Exc
Check

Earthwork Quantities

Property	City
Excavation = 9470.9 cy	Excavation = 212.9 cy
+ 10% = 947.1 cy	+ 10% = 21.3 cy
Total = 10418.0 cy	Total = 234.2 cy
Comp. Fill = 6.8 cy	Comp. Fill = 0
+ 10% = 0.7 cy	
Total = 7.5 cy	
Manipulation = 9326.2 cy	

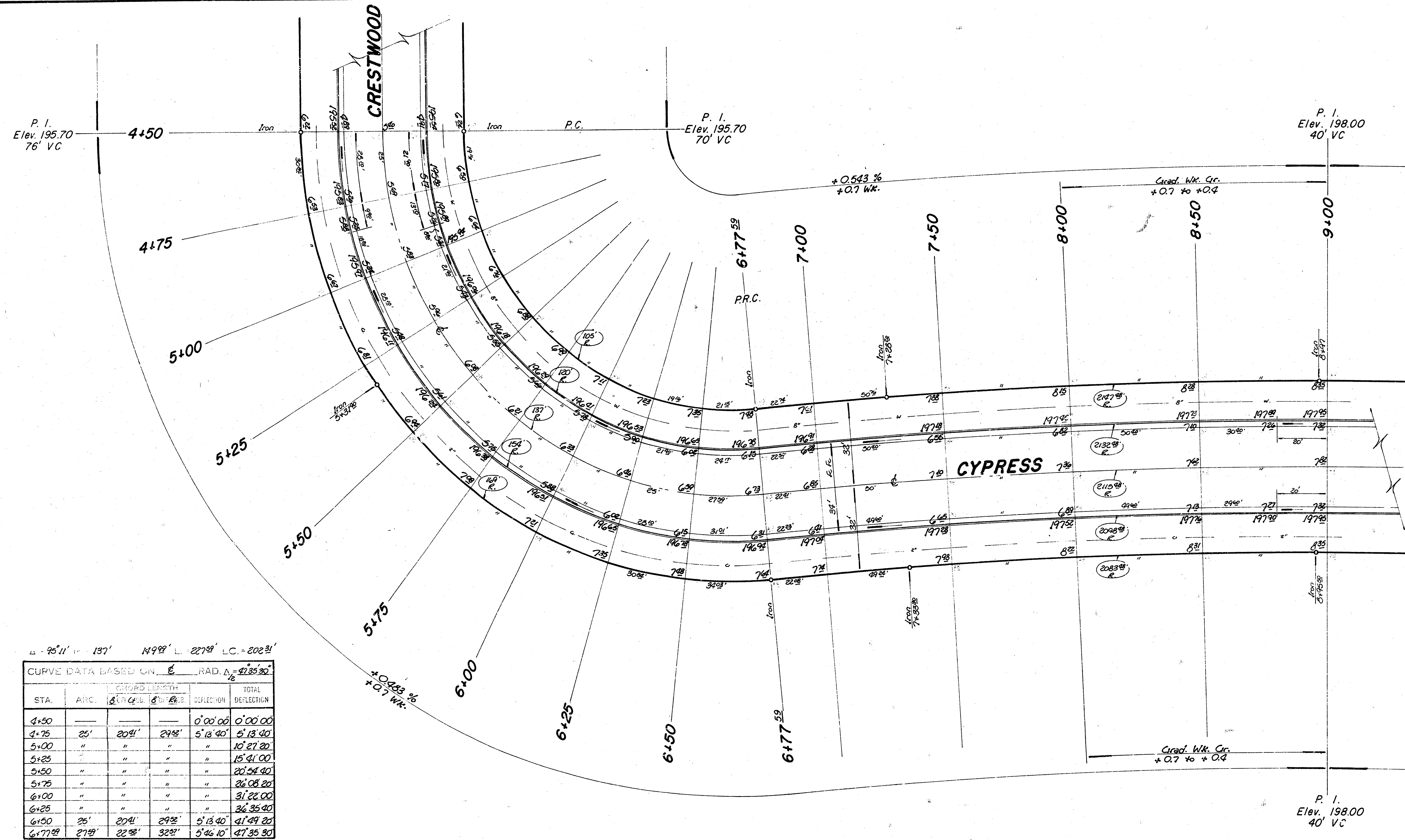
SUBGRADE
 TYPE OF SUBGRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION, OR ANY COMBINATION OF THESE.

CRESTWOOD

4/2



Scale:
1" = 20'



$\Delta = 95.11^\circ - 137^\circ = 149.89^\circ$ L.C. = 202.31'

CURVE DATA BASED ON $\Delta = 95.11^\circ$ RAD $\Delta = 1.66533^\circ$				
STA.	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
4+50	—	—	0'00"00	0'00"00
4+75	25'	20.91'	29.38'	5'13.40"
5+00	"	"	"	10'27.20"
5+25	"	"	"	15'41.00"
5+50	"	"	"	20'54.40"
5+75	"	"	"	26'08.20"
6+00	"	"	"	31'22.00"
6+25	"	"	"	36'35.40"
6+50	25'	20.91'	29.38'	41'49.20"
6+75	27.5'	22.38'	32.28'	47'35.30"

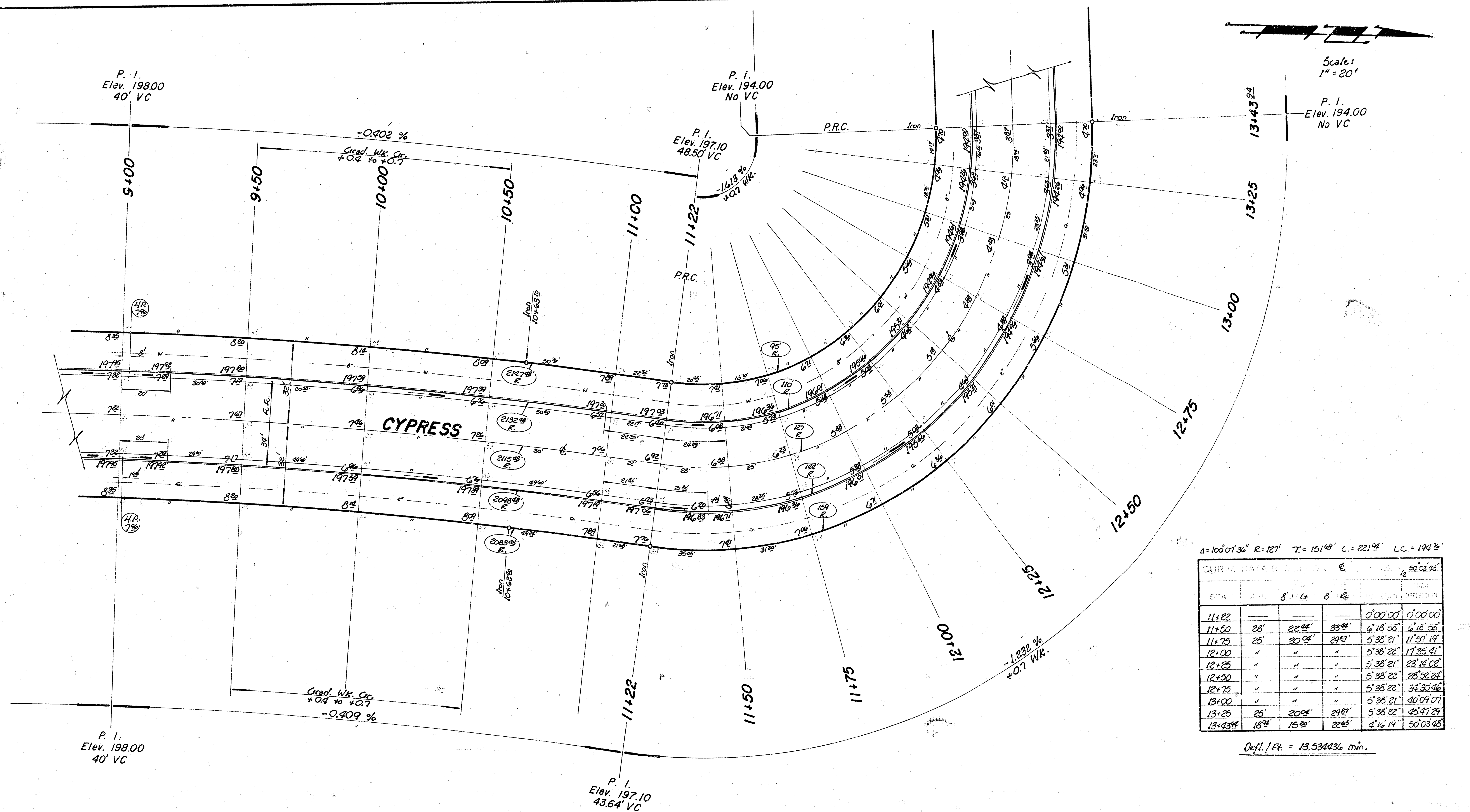
Defl./Sta. = 12.54652 min.

$\Delta = 120.11^\circ$ L.C. = 211.54' L.C. = 223.02' L.C. = 244.41' L.C. = 243.39'

CURVE DATA BASED ON $\Delta = 120.11^\circ$ RAD $\Delta = 2.09402^\circ$				
STA.	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
6+77.59	—	—	0'00"00	0'00"00
7+00	22.41'	22.44'	22.41'	0'18.12"
7+50	50'	50.39'	49.98'	0'58.50"
8+00	"	"	"	0'40.37"
8+50	"	"	"	0'40.38"
9+00	"	"	"	0'40.37"
9+50	"	"	"	0'40.37"
10+00	"	"	"	0'40.37"
10+50	"	"	"	0'40.38"
11+00	50'	50.39'	49.98'	0'40.37"
11+22	22'	22.38'	21.73'	0'17.52"

Defl./Sta. = 0.8125217 min.

CYPRESS



CYPRESS

(1/2)

