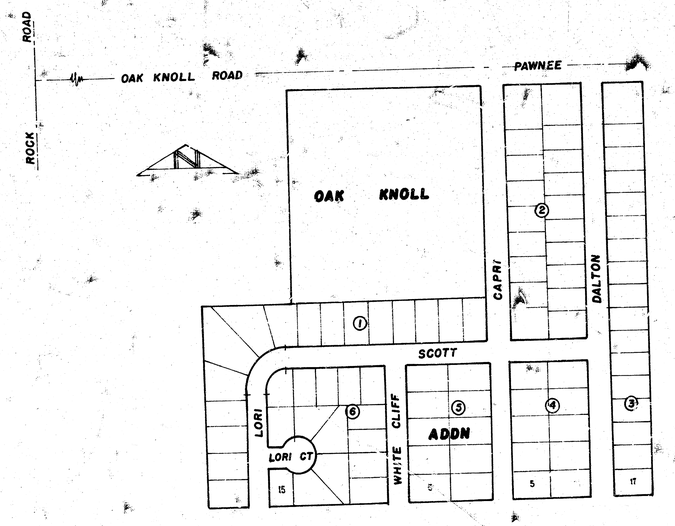
# STREETS IN OAK KNOLL ADDN

DALTON S.L. LOT 17, BLOCK 3, TO S.L. PAWNEE
CAPRI N.L. SCOTT TO S.L. PAWNEE
WHITE CLIFF S.L. LOT 5, BLOCK 5, TO S.L. SCOTT
LORI & SCOTT S.L. LOT 15, BLOCK 6, TO W.L. DALTON

CAPRI S.L. LOT 5, BLOCK 4, TO S.L. SCOTT
LORI COURT E.L. LORI TO & INCLUDING CUL-DE-SAC

PROJECT No. 472-76-245-80899000-000-001




STEPHEN R. LACEY
LICENSED
7714
KANSAS
ENGINEER

CITY OF WICHITA, KANSAS
D. S. SELLERS ACTING CITY ENGINEER

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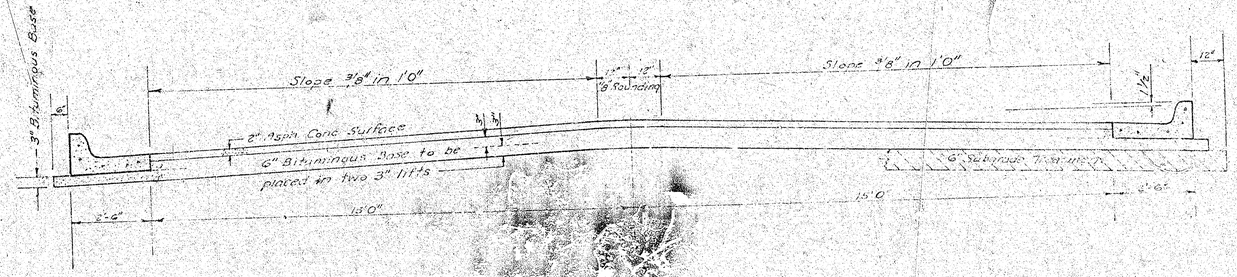



# TYPICAL SECTION

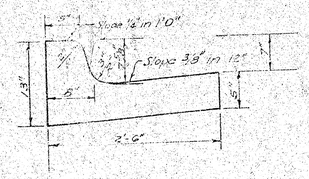
## 35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

The A.C. pavement between the conc. curb & gutter shall be paid as Sq Yds 8" A.C. pavement (6" Bituminous Base). The Bituminous base under the conc curb & gutter shall be paid as Sq Yds 6" Bituminous Base.

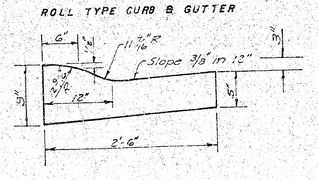
A TACK COAT OF EMULSIFIED ASPHALT (ES-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC 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.

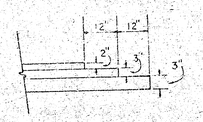
CONFINED CURB & GUTTER




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.

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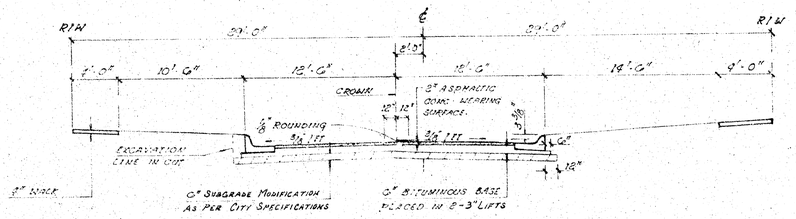
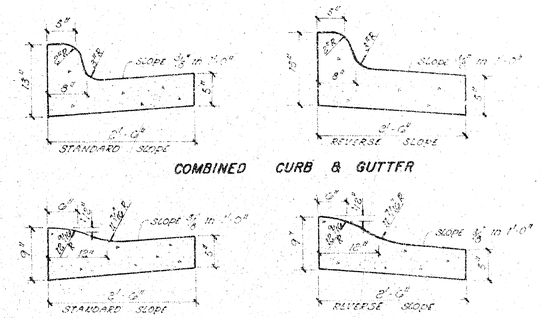



TYPICAL 25' B-B SECTION

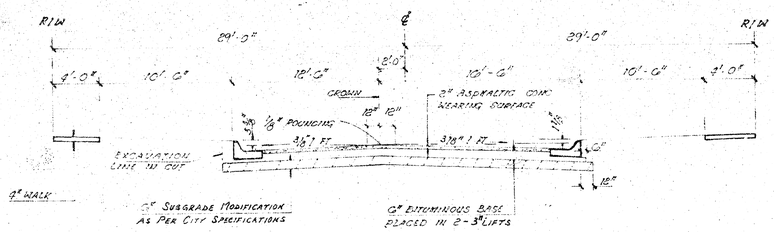



COMBINED CURB & GUTTER




ROLL TYPE CURB & GUTTER

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




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

GENERAL NOTES

1. A TACK COAT OF EMULSIFIED ASPHALT (SS - 1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF .05 GALLONS PER SQUARE YARD 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 LAID WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1 FOOT WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

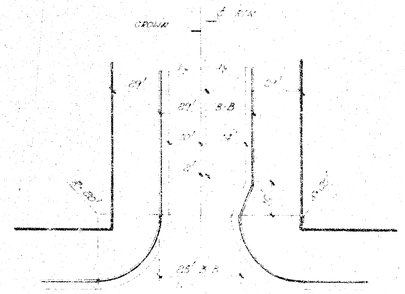
2. THE A.C. PAVEMENT BETWEEN COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 9" A.C. PAVEMENT (6" BITUMINOUS BASE). THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS 3" BITUMINOUS BASE.

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 INTEGRAL 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. INTEGRAL 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 ½" OR MORE THAN 3/4" IN DIAMETER.

6. TRANSITION CURB SHALL BE PAID AS ROLL-TYPE CONC. CURB AND GUTTER.




PLAN VIEW (TYPICAL)

CITY OF WICHITA, KANSAS

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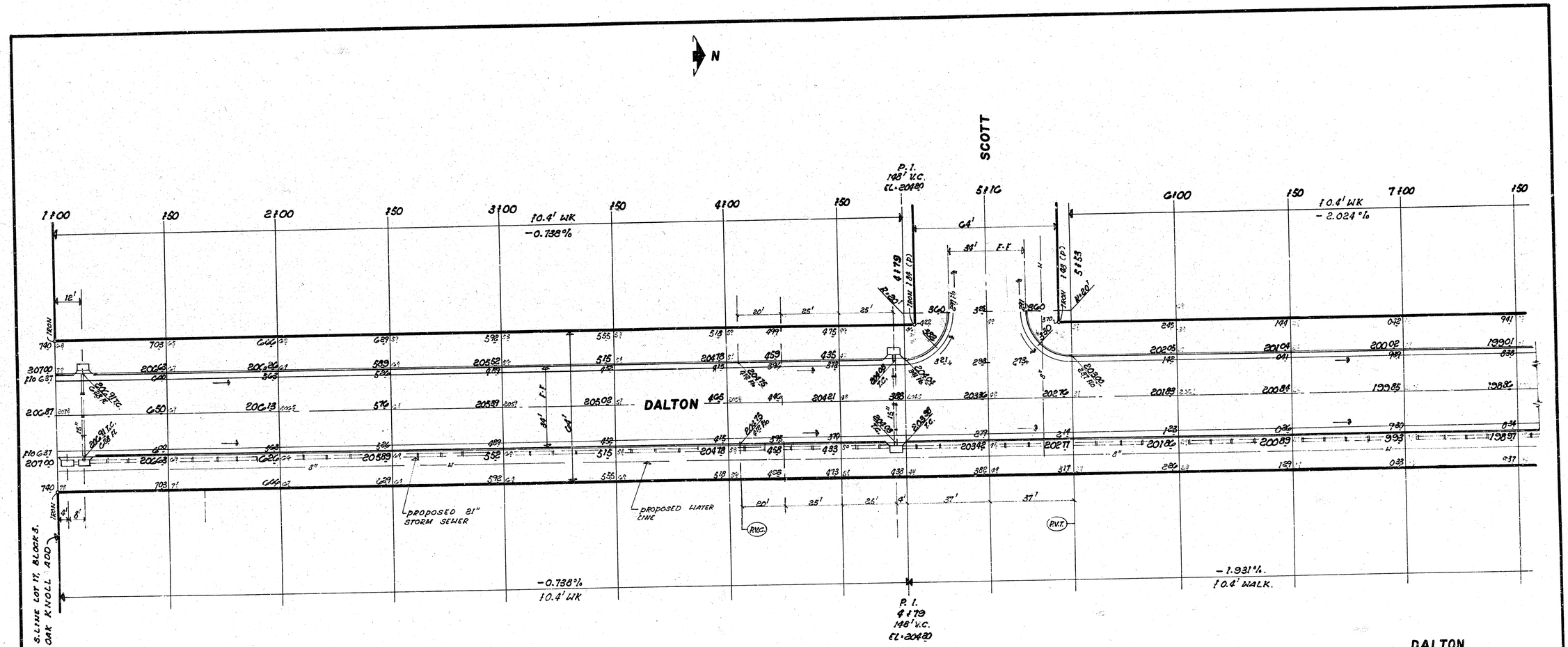


## ◦ EARTHWORK ◦

| PROP | | CITY | |
|---|---|---|---|
| EXCAVATION | COMP FILL | EXCAVATION | COMP FILL |
| 2280.4 cu yds | 617.4 cu yds | 115.6 cu yds | 77.1 cu yds |
| +10% 228.0 " " | +10% 61.7 " " | 11.6 " " | 7.7 " " |
| 2515.0 cu yds | 745.1 cu yds | 127.2 cu yds | 84.8 cu yds |

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.

88 - 20' DRIVES - ESTIMATE DRIVE CONSTRUCTION

**DALTON**

S.L. LOT 17, BLOCK 3, OAK KNOLL ADD. TO S.L. PAWNEE.

**CITY OF WICHITA, KANSAS**

(34' F-F) 2" asph conc wearing surface, 6" bituminous base ~ comb curb & gtr.

DEAN SELLERS Acting City Engineer

DATE:

Proj No. 472-76-245-80899000-000-001

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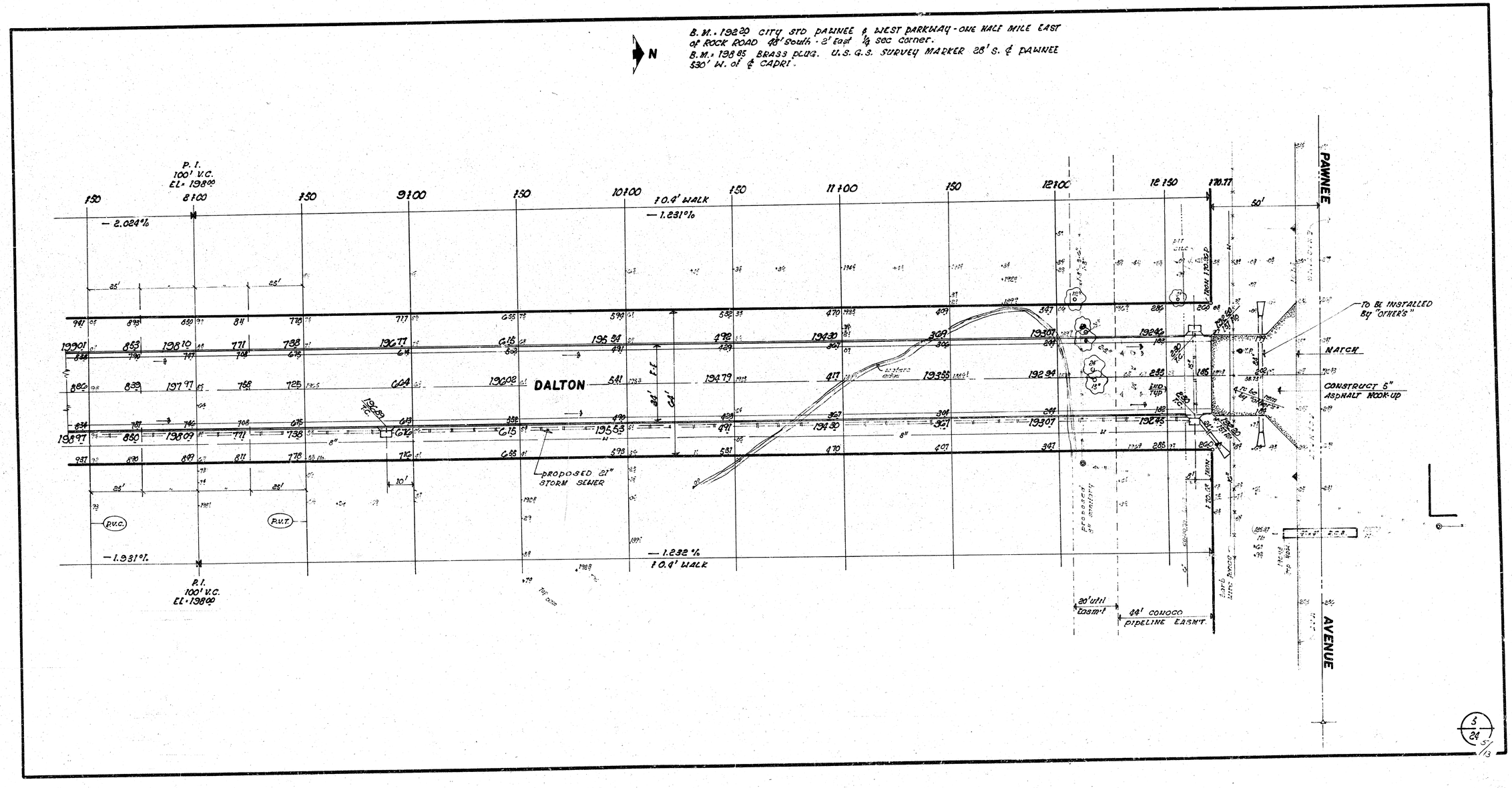
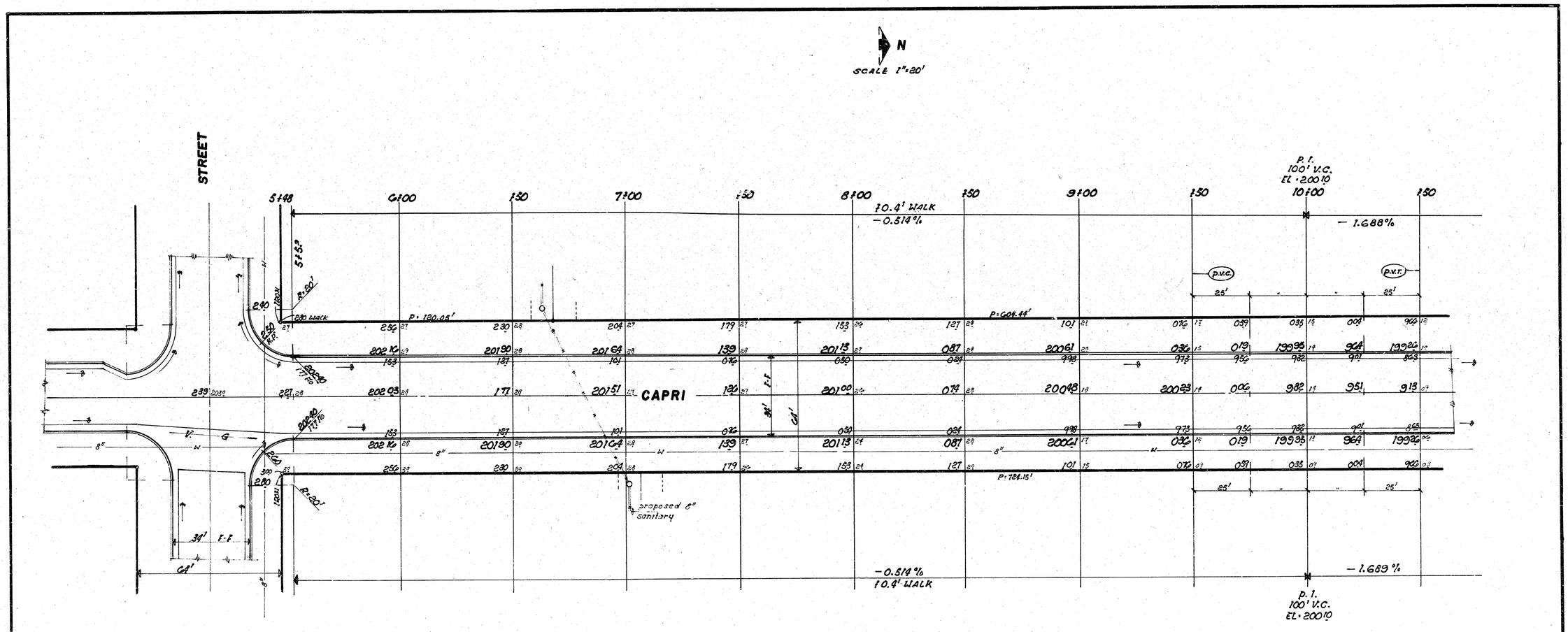


B.M. 192.20 CITY STD PAWNEE & WEST PARKWAY - ONE HALF MILE EAST of ROCK ROAD 48' South - 2' East 1/4 sec corner.
B.M. 198.85 BRASS PLUG. U.S.G.S. SURVEY MARKER 28' S. ℄ PAWNEE 530' W. of ℄ CAPRI.
N
P.I. 100' V.C. EL. 198.00
8+00
9+00
10+00
11+00
12+00
12+50
+70.77
+0.4' WALK
— 2.024%
— 1.231%
— 1.931%
— 1.232%
+0.4' WALK
DALTON
PAWNEE
AVENUE
TO BE INSTALLED BY "OTHER'S"
MATCH
CONSTRUCT 5" ASPHALT HOOK-UP
PROPOSED 21" STORM SEWER
P.V.C.
P.V.T.
20' util Easm't
44' CONOCO PIPELINE EASM'T.




## EARTHWORK

| PROP | | CITY | | |
|---|---|---|---|---|
| EXCAVATION | 3173.3 cu yds | EXCAVATION | 40.7 cu yds | COMP FILL 51.0 cu yds |
| +10% | 317.3 " | +10% | 4.1 " | +10% 5.1 " |
| Total | 3490.6 cu yds | | 44.8 cu yds | 56.1 cu yds |

**CAPRI** **STREET**

N.L. SCOTT TO S.L. PAWNEE

**CITY OF WICHITA, KANSAS**

(34' F-F) 2" asph conc wearing surface
6" bituminous base ~ comb curb & gtr.

DEAN SELLERS Acting City Engineer

DATE:

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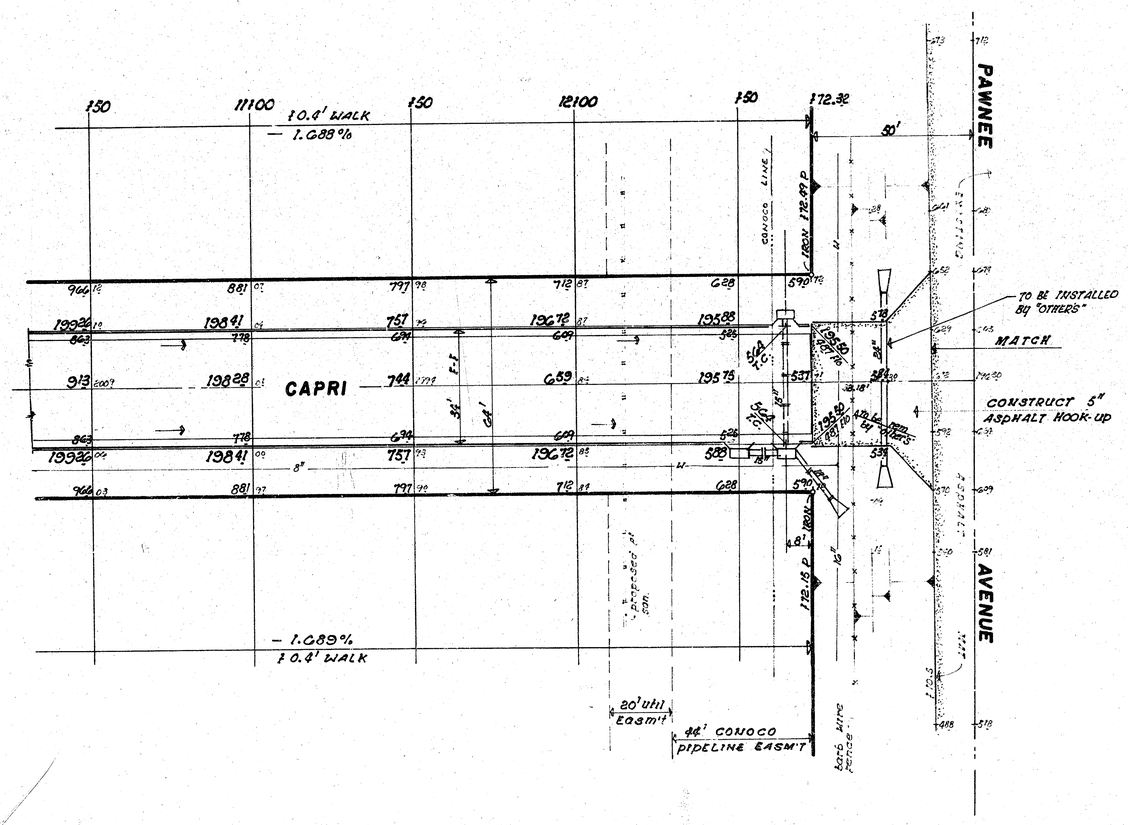
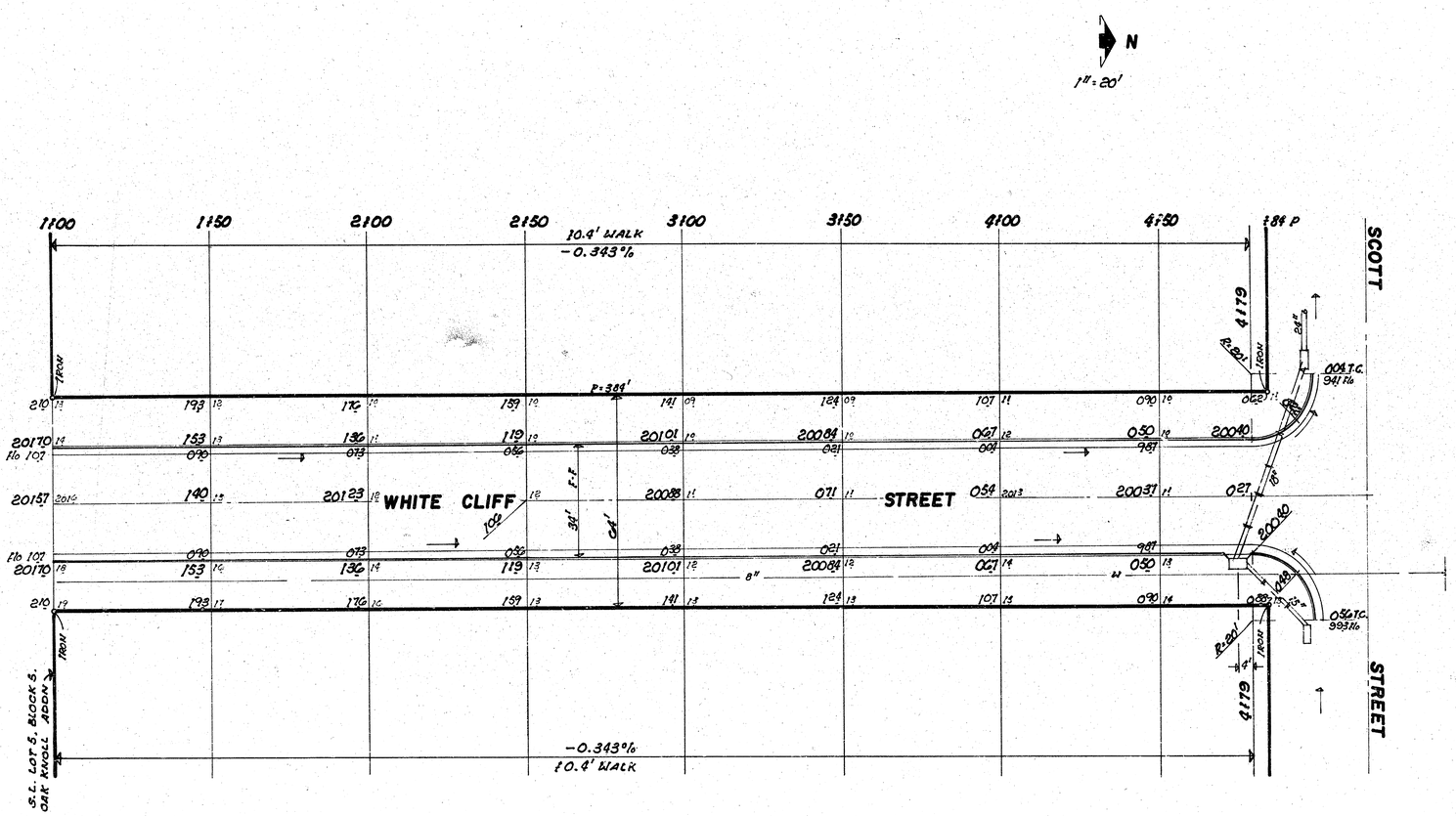


PAWNEE
AVENUE
CAPRI
+0.4' WALK
— 1.688%
— 1.689%
+0.4' WALK
50'
CONOCO LINE
IRON 172.49 P
172.15 P
TO BE INSTALLED BY "OTHERS"
MATCH
CONSTRUCT 5" ASPHALT HOOK-UP
20' util Easm't
44' CONOCO PIPELINE EASM'T




EXCAVATION
731.1 CU YDS
10% 73.1 "
804.2 CU YDS

**WHITE CLIFF**

S.L. LOT 5, BLOCK 5, OAK KNOLL ADDN. TO S.L. SCOTT.

**CITY OF WICHITA, KANSAS**

(34' FF) 2" asph conc wearing surface. 6" bituminous base ~ comb curb & gtr.

DEAN SELLERS Acting City Engineer

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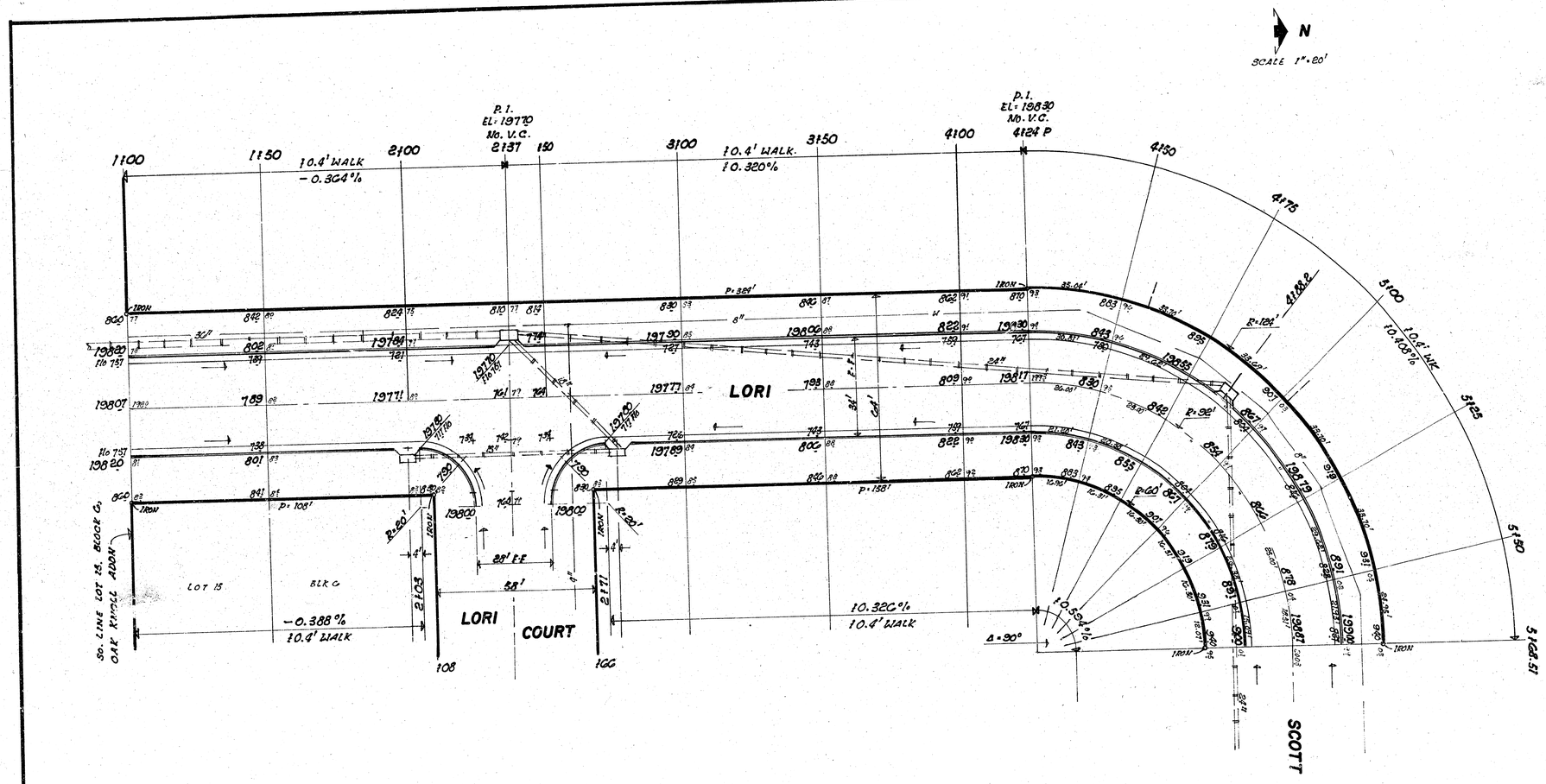


CURVE DATA BASED ON ℄ RADIUS = 92.00' Δ = 90°
18.6834 min/ft arc. TAN = 92.00' Long chord = 130.11'

| STATION | ARC | CHORD 8' O.S. to W.Cb | LENGTHS 8' O.S. to E.Cb | DEFLECTION | TOTAL DEFLECTION |
|---|---|---|---|---|---|
| PC. 4+24 | | | | | 0° 00' 00" |
| 150 | 26.00' | 32.96' | 18.87' | 8° 05' 46" | 8° 05' 46" |
| 175 | 25.00' | 31.70' | 18.15' | 7° 47' 05" | 15° 52' 51" |
| 5+00 | " | " | " | " | 23° 39' 46" |
| 125 | " | " | " | 7° 47' 05" | 31° 27' 01" |
| 150 | 25.00' | 31.70' | 18.15' | 7° 47' 06" | 39° 14' 07" |
| P.T. 5+68.51 | 18.51' | 23.50' | 13.46' | 5° 45' 53" | 45° 00' 00" |

EARTHWORK

| PROP EXCAVATION | CITY EXCAVATION |
|---|---|
| 3559.0 cu yds | 379.8 cu yds |
| +10% 355.9 " " | +10% 38.0 " " |
| 3914.9 cu yds | 417.8 cu yds |

**LORI & SCOTT STREET**
S.L. Lot 15, Blk 6, To W. L. DALTON STR.
**CITY OF WICHITA, KANSAS**
(34' FF) 2" asph conc wearing surface
6" bituminous base + comb curb & gtr
DEAN SELLERS Acting City Engineer
DATE:
Proj No. 472-76-245-80899000-000-001

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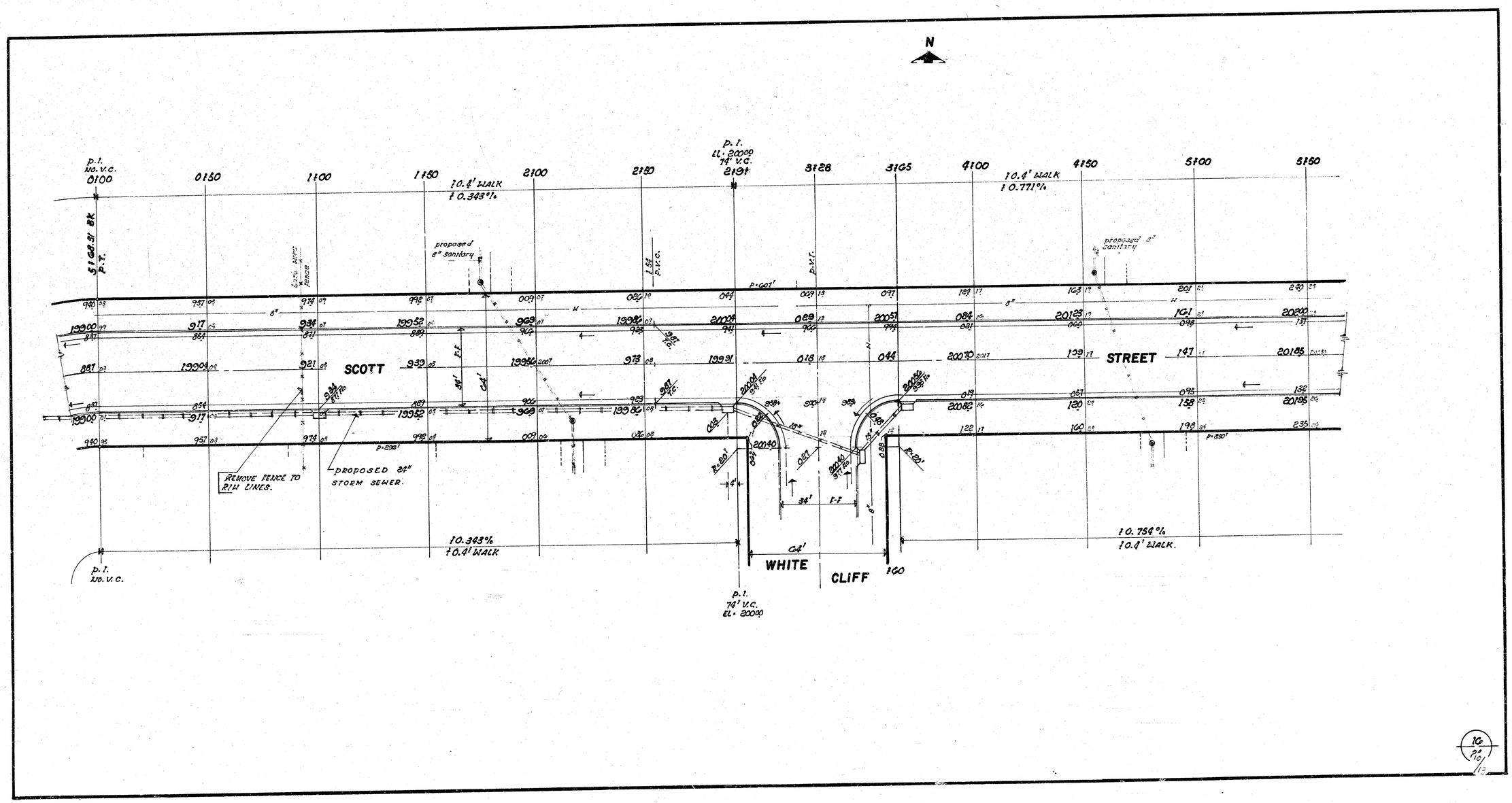
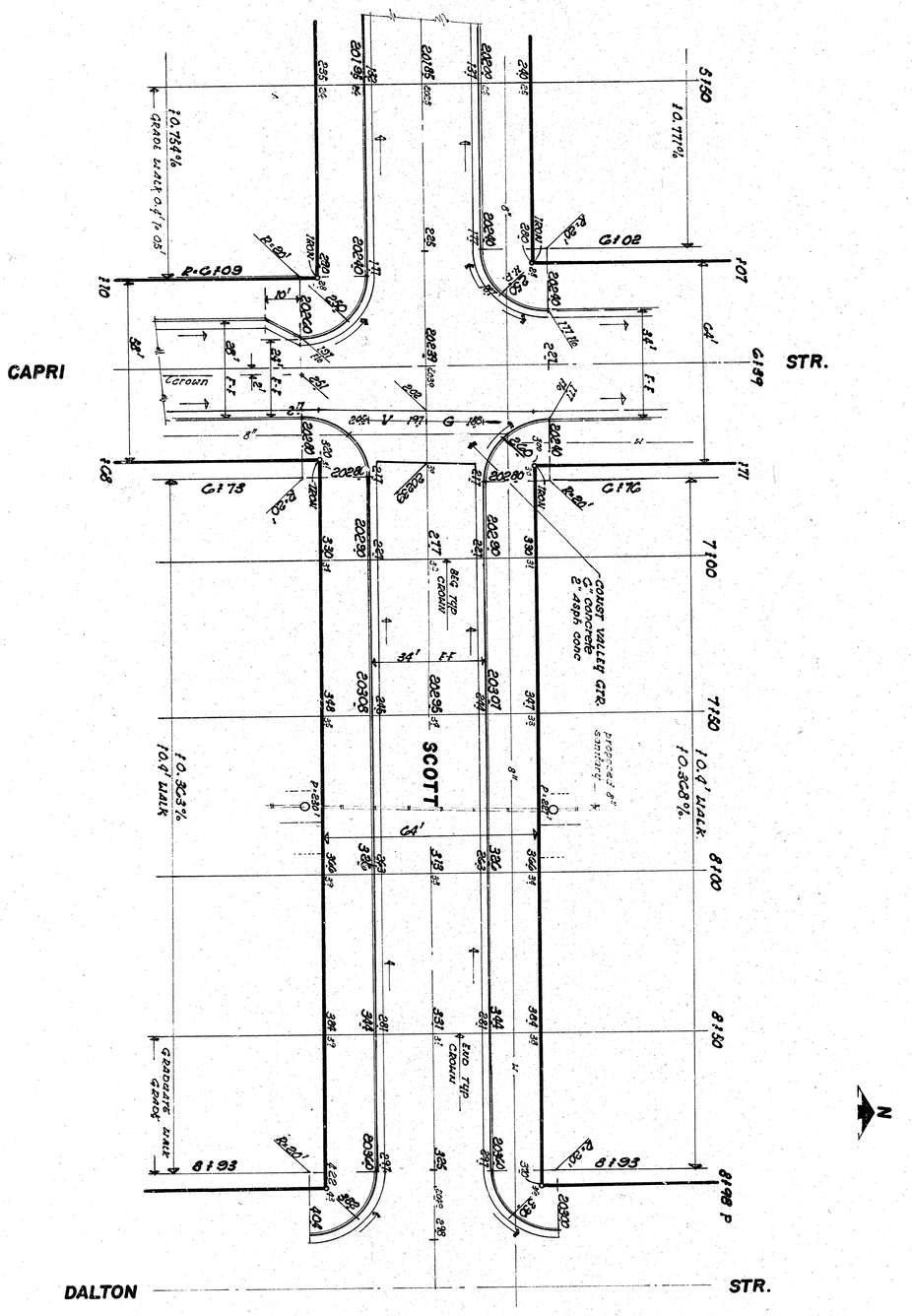
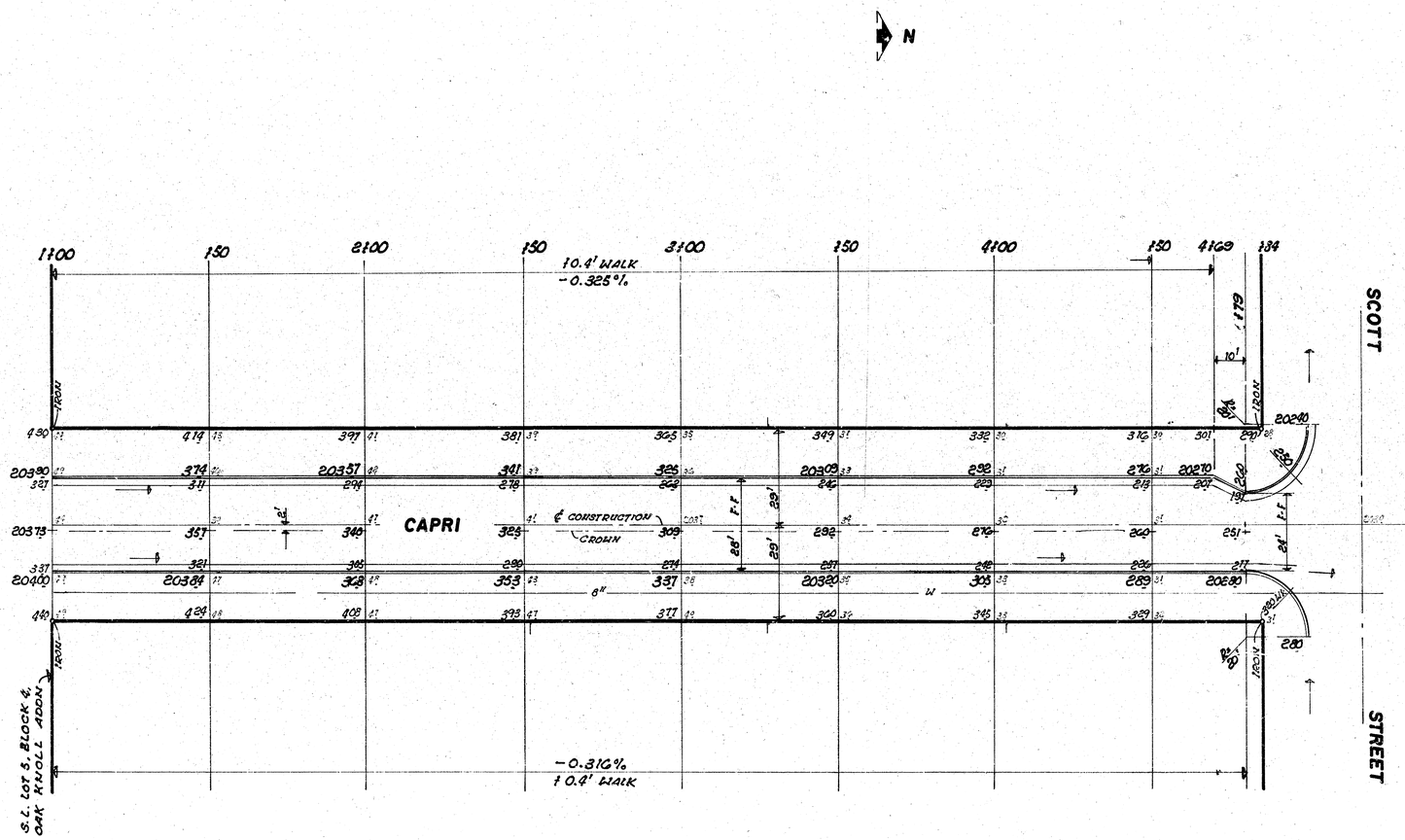

N
SCOTT
STREET
WHITE
CLIFF
p.I. No. V.C.
0+00
0+50
1+00
1+50
2+00
2+50
p.I. EL. 200.00 74' V.C.
2+91
3+28
3+65
4+00
4+50
5+00
5+50
+0.4' WALK
+0.343%
+0.771%
+0.343%
+0.4' WALK
+0.754%
+0.4' WALK.
proposed 8" sanitary
REMOVE FENCE TO R/W LINES.
PROPOSED 24" STORM SEWER.
p.I. 74' V.C. EL. 200.00
64'
34'
F-F
R=20'
P=607'
P=296'
P=250'


CAPRI
STR.
DALTON
STR.
SCOTT
N




EXCAVATION
796.9 cu yds
10% 79.7
876.6 cu yds

**CAPRI**

S.L. LOT 5, BLOCK 4, OAK KNOLL ADD. TO S.L. SCOTT.

**CITY OF WICHITA, KANSAS**

(28' F-F) 2" asph conc wearing surface
6" bituminous base — comb curb & gtr.

DEAN SELLERS Acting City Engineer

DATE:

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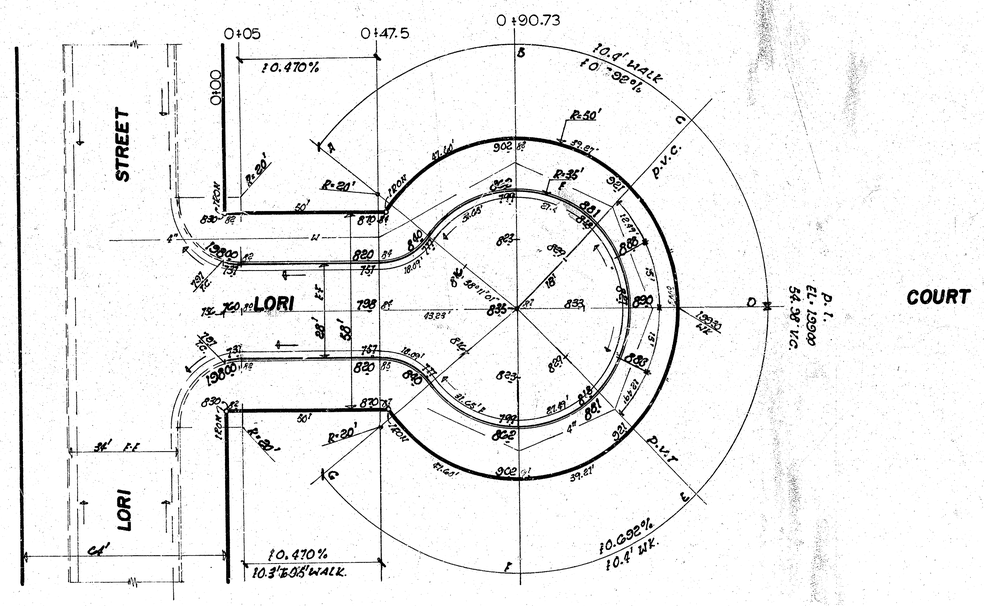
21
24

B.M. = 1988.5 U.S.G.S. SURVEY MARKER 28' So. of ℄ PAWNEE 530' W. ℄ CAPRI.

N

SCALE 1" = 20'




EXCAVATION

287.9 cu yds
± 10% 28.8 " "
316.7 cu yds

**LORI** **COURT**

E.L. LORI To & Including Cul-De-Sac

**CITY OF WICHITA, KANSAS**

(28' F-F) 2" asph conc wearing surface
6" bituminous base + comb curb & gtr.

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DEAN SELLERS Acting City Engineer

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