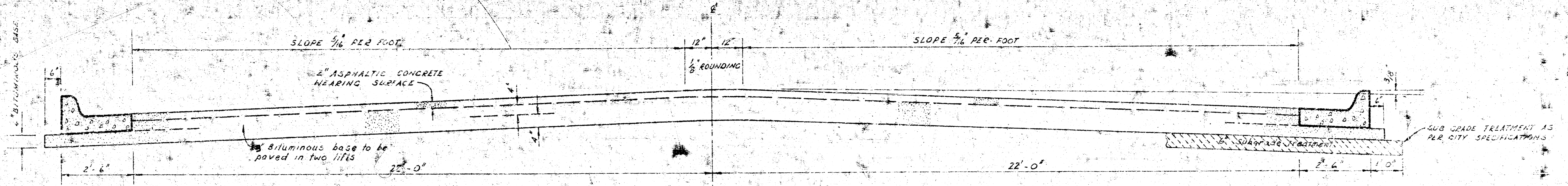


PAYNBE AVENUE  
 E.1. LOT 7, BLOCK 4, CHERRY CREEK HILLS ADDN. TO THE S.L. CHERRY  
 CREEK DRIVE



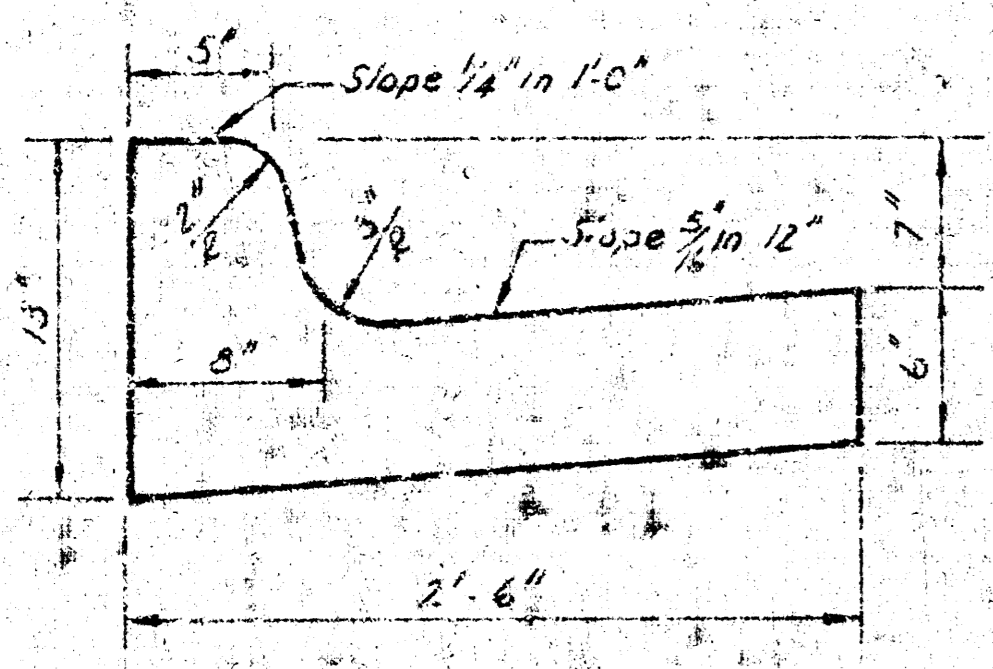
**TYPICAL SECTION**

**48' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE**

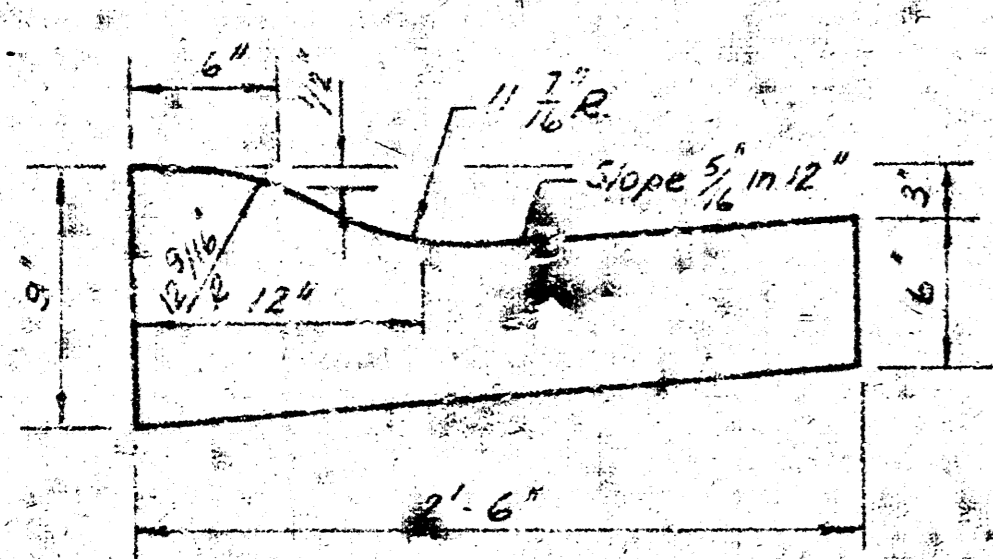
A TACK COAT OF EMULSIFIED ASPHALT SS 1H SHALL BE APPLIED AT AN APPROXIMATE RATE 0.35 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE 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. 10" A.C. pavement (8" Bituminous Base). The Bituminous Base under the comb. curb & gutter shall be paid as sq. yds. 4" Bituminous Base.

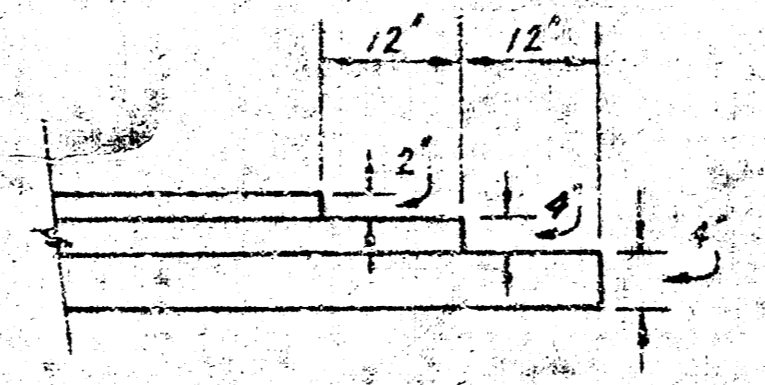
COMBINED CURB & GUTTER



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.

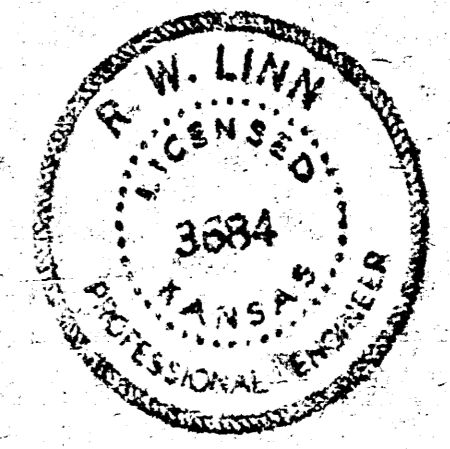
CITY OF WICHITA, KANSAS.

DEPARTMENT of PUBLIC WORKS - Engineering Division.

R. W. LINN. CITY ENGINEER.

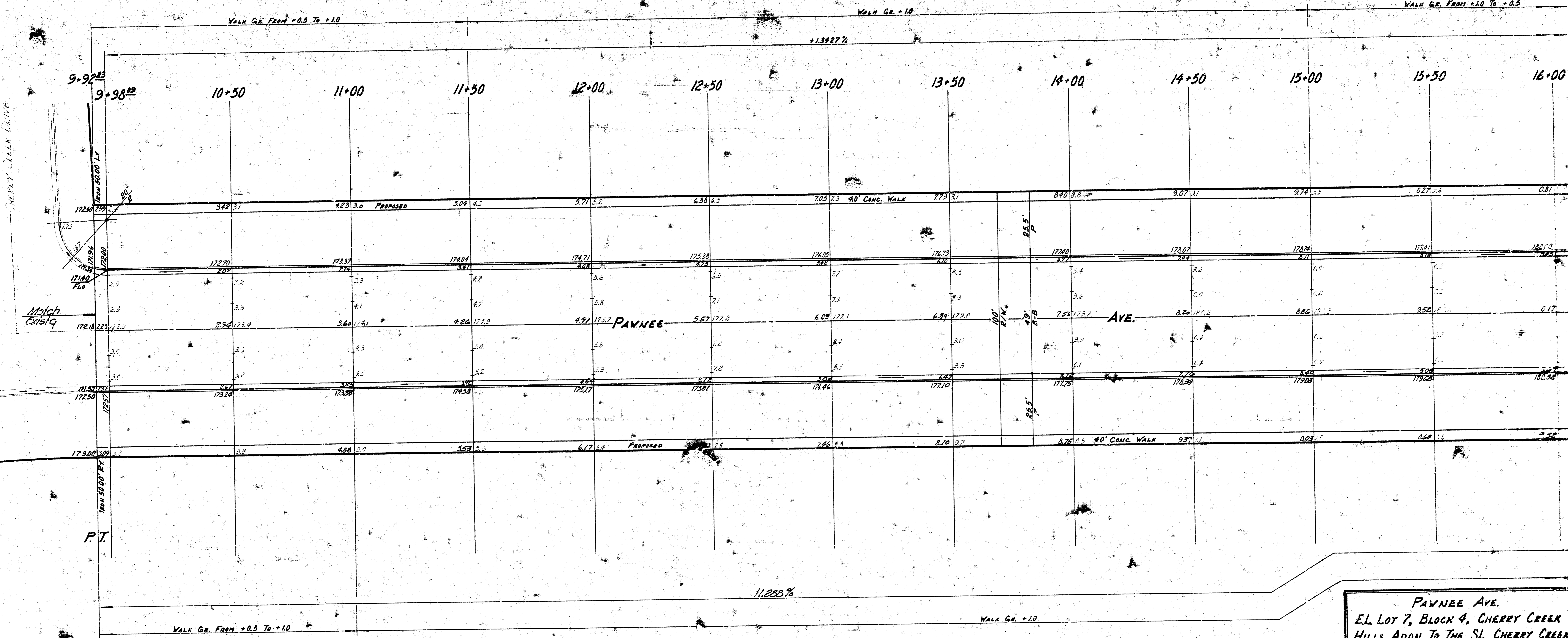
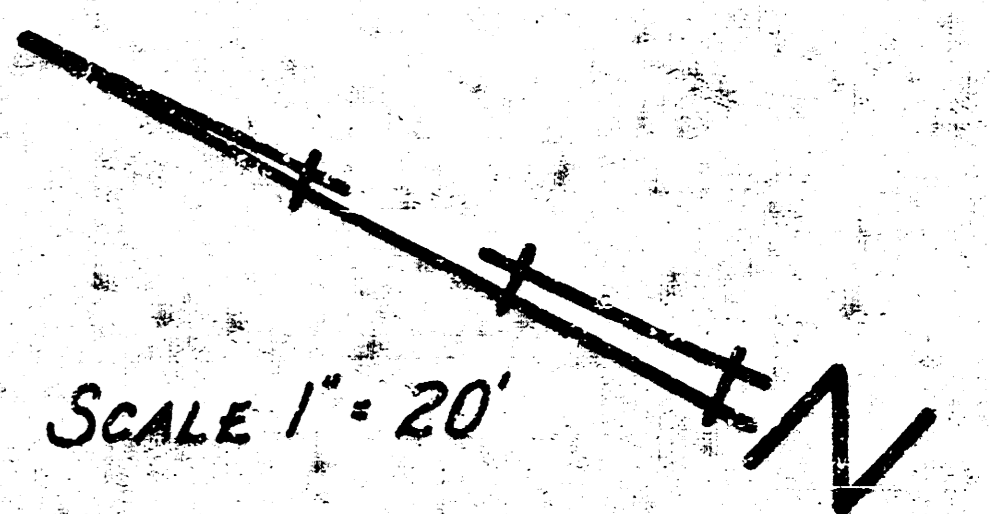
DATE December 12, 1974 Proj. No. DAKM 574124

1/8 9



SELINE IS CTR. OF PAYNEE AVE.

B.M. 165.71 "X" IN POINT E ROCK ROAD & PAYNEE WEST.  
 B.M. 198.24 R.R. SPK IN ES PP 30' NORTH OF INTERSECTION OF & OAK KNOLL & BRAY CO. DRIVEWAY

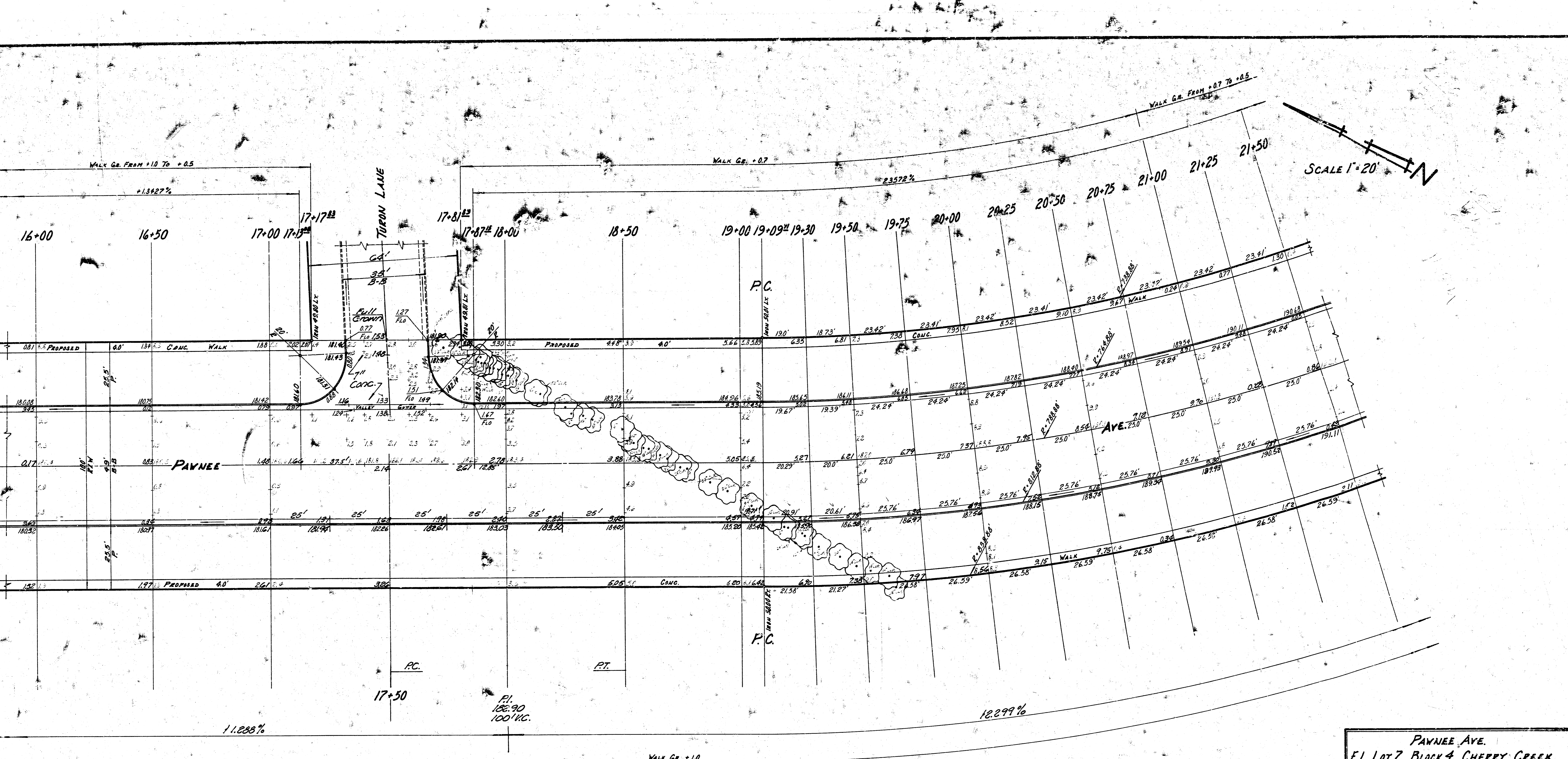


NOTE: CONTRACTOR TO CL. TO RIGHT-OF-WAY GRADE PARKINGS, AND CONSTRUCT COMPACTED FILL WHERE NECESSARY FOR PROPOSED SIDEWALK. SIDEWALK TO BE CONSTRUCTED BY OTHERS. FIELD ENGINEER IS TO DETERMINE THE TYPE OF SUBGRADE TREATMENT WHICH IS TO BE USED. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATED SUBGRADE, CEMENT TREATED SUBGRADE, OR COMPACTION OF EXISTING SUBGRADE MATERIAL AS SPECIFIED IN STANDARD SPECIFICATIONS, OR ANY COMBINATION OF THESE.

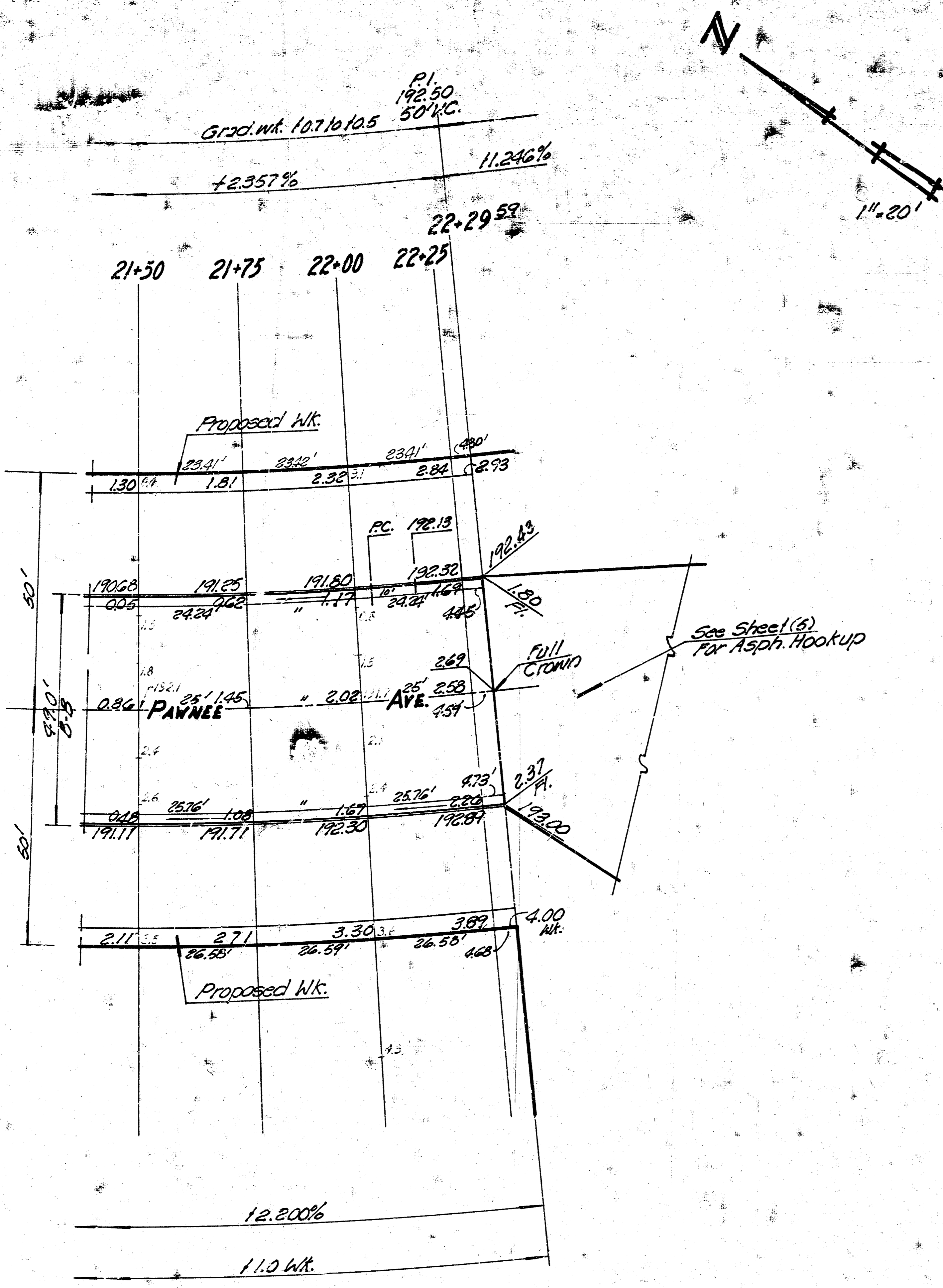
**2 EARTHWORK PROPERTY ?**  
 EXC.D.V.      C. FILL  
 1401.9      0  
 140.2 +10%  
 1542.1 CY.

**2 EARTHWORK CITY ?**  
 EXC.D.V.      C. FILL  
 3925.4      833.0 - 209.1 = 623.9 (1.8557)  
 392.5 10%      83.3  
 4317.9 CY.      716.3 CY.

PAYNEE AVE.  
 EL. LOT 7, BLOCK 4, CHERRY CREEK HILLS ADDN. TO THE SL. CHERRY CREEK  
 44-2-48 ASPHALTIC CONCRETE  
 CITY OF WICHITA, KANSAS  
 R.W. LINN CITY ENGINEER  
 PROJECT NO. DAKM 574124  
 DATE: (2/8) 9



PAWNEE AVE.  
 E.L. LOT 7, BLOCK 4, CHERRY CREEK  
 HILLS ADDN. TO THE SL. CHERRY CREEK D  
 44-2-48 ASPHATIC CONCRETE  
 CITY OF WICHITA, KANSAS  
 R.W. LINN CITY ENGINEER  
 PROJECT No. DAKM 574124  
 DATE:  
 3/8/9



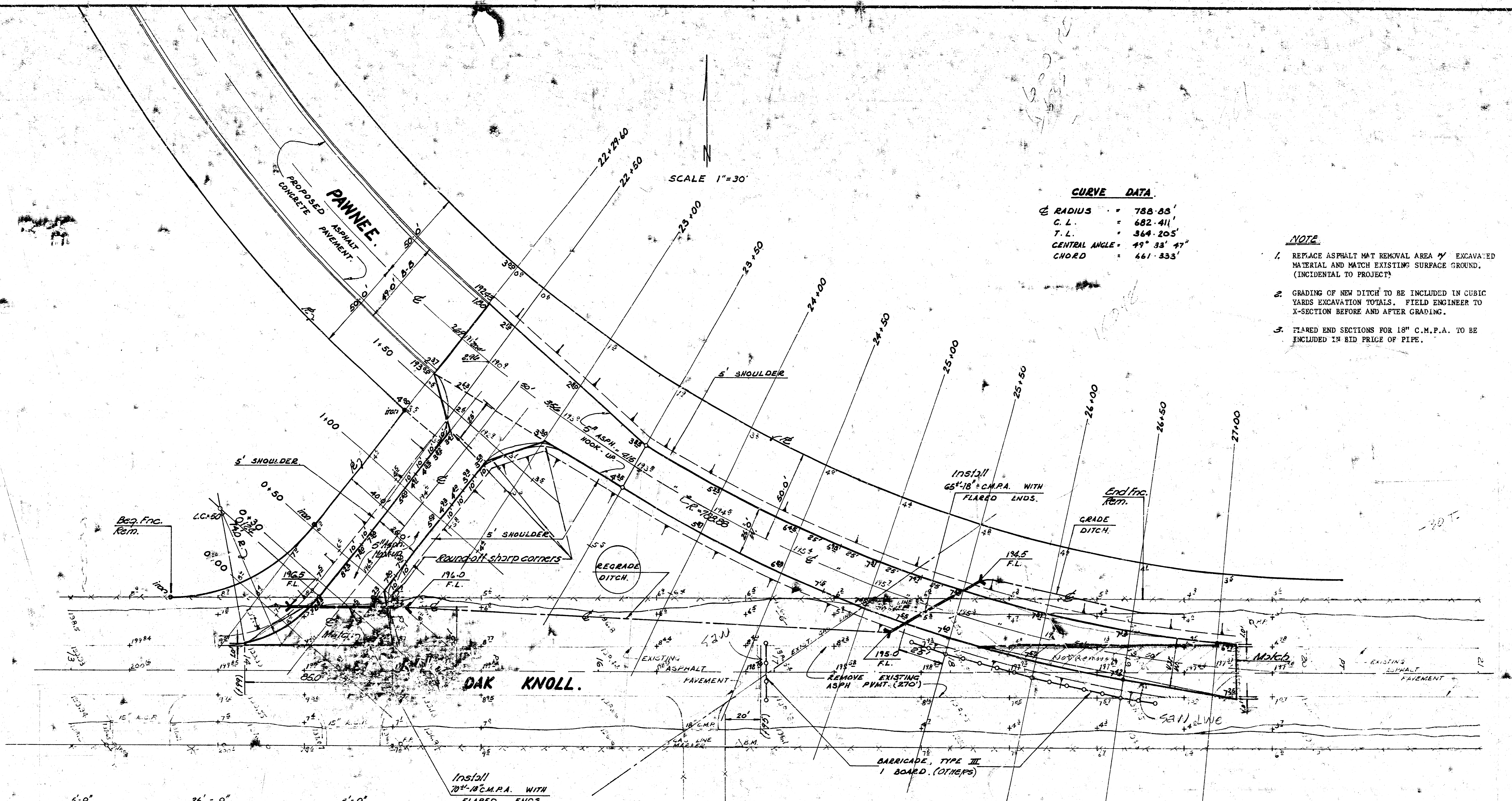
$\Delta = 57.25^\circ$   $R = 788.80$   $T = 631.05$   $L = 790.29$   $LC = 733.60$

CURVE DATA BASED ON  $\frac{1}{2}$  RAD  $28^\circ 41' 57''$

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		OFF E/CB	OFF W/CB		
PC 19+03.71	PA	V E M E N T		0°00'00"	0°00'00"
+30	20.29	19.47	21.11	0°44'13"	0°44'13"
+50	20.00	19.19	20.81	0°43'34"	1°27'47"
+75	25.00	23.98	26.01	0°54'28"	2°22'16"
20+00	25.00	23.98	26.01	0°54'28"	3°16'44"
+25	25.00	23.98	26.01	0°54'28"	4°11'12"
+50	25.00	23.98	26.01	0°54'28"	5°05'40"
+75	25.00	23.98	26.01	0°54'28"	6°00'08"
21+00	25.00	23.98	26.01	0°54'28"	6°54'37"
+25	25.00	23.98	26.01	0°54'28"	7°49'05"
+50	25.00	23.98	26.01	0°54'28"	8°43'34"
+75	25.00	23.98	26.01	0°54'28"	9°38'02"
22+00	25.00	23.98	26.01	0°54'28"	10°32'30"
+25	25.00	23.98	26.01	0°54'28"	11°26'58"
22+59	4.59	4.41	4.77	0°10'00"	11°36'58"
ASPH. HOOKUP					
+50	20.41	19.57	21.25	0°44'56"	12°21'27"
23+00	50.0	47.96	52.02	1°48'57"	14°10'24"
+50	50.0	47.96	52.02	1°48'56"	15°59'20"
24+00	50.0	47.96	52.02	1°48'57"	17°48'17"
+50	50.0	47.96	52.02	1°48'57"	19°37'14"
25+00	50.0	47.96	52.02	1°48'56"	21°26'10"
+50	50.0	47.96	52.02	1°48'57"	23°15'07"
26+00	50.0	47.96	52.02	1°48'56"	25°04'03"
+50	50.0	47.96	52.02	1°48'57"	26°53'00"
27+00	50.0	47.96	52.02	1°48'57"	28°41'57"

Del./ft. = 2.178878 mins.

PAWNEE AVE.  
 E.L. LOT 7, BLOCK 4, CHERRY CREEK  
 HILLS ADDN. TO THE S.L. CHERRY CREEK D.  
 44-2-48 ASPHALTIC CONCRETE  
 CITY OF WICHITA, KANSAS  
 R.W. LINN CITY ENGINEER  
 PROJECT NO. DAKM 574124  
 DATE:  
 9/8/9

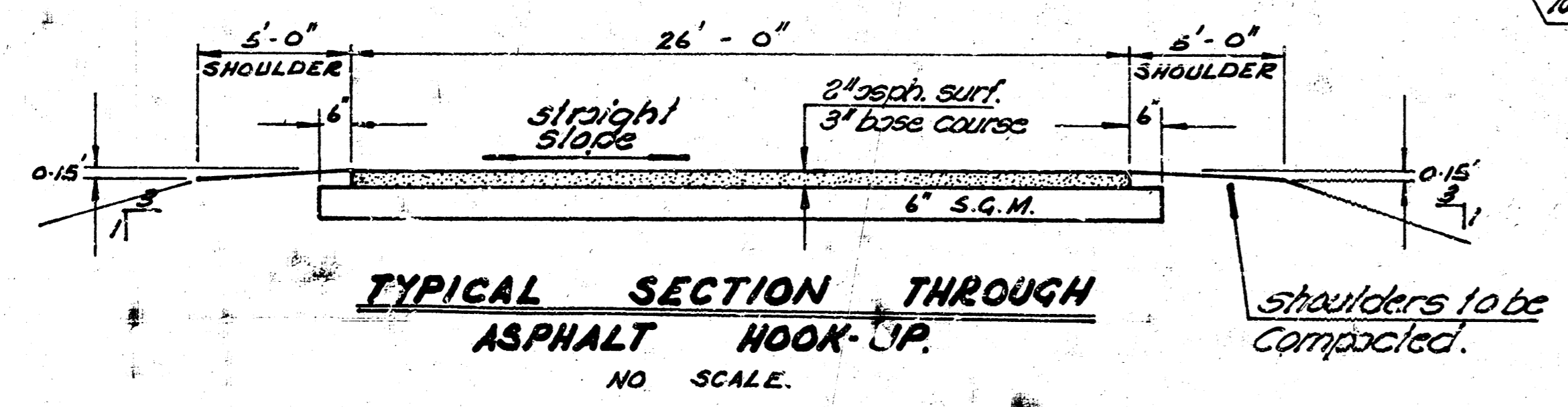


SCALE 1"=30'

**CURVE DATA**

RADIUS	= 788.85'
C. L.	= 682.411'
T. L.	= 364.205'
CENTRAL ANGLE	= 49° 33' 47"
CHORD	= 461.833'

- NOTE**
1. REPLACE ASPHALT MAT REMOVAL AREA BY EXCAVATED MATERIAL AND MATCH EXISTING SURFACE GROUND. (INCIDENTAL TO PROJECT)
  2. GRADING OF NEW DITCH TO BE INCLUDED IN CUBIC YARDS EXCAVATION TOTALS. FIELD ENGINEER TO X-SECTION BEFORE AND AFTER GRADING.
  3. FLARED END SECTIONS FOR 18" C.M.P.A. TO BE INCLUDED IN BID PRICE OF PIPE.



NOTE: USE EXCAVATED MATERIALS FROM PAWNEE PROJECT TO MAKE FILLS ON ASPHALT HOOK-UP.

**EARTHWORK QUANTITIES**

EXCAVATION	: 75.94 CU. YDS.
+ 10 %	: 7.59 CU. YDS.
<b>TOTAL</b>	<b>: 83.53 CU. YDS.</b>
COMPACTED FILL	: 688.84 CU. YDS.
+ 10 %	: 67.88 CU. YDS.
<b>TOTAL</b>	<b>: 756.72 CU. YDS.</b>

**PAWNEE AVE.**  
 PAWNEE - OAK KNOLL ASPHALT HOOK-UP.  
 CITY OF WICHITA. PROJ. NO. DAKM 57412A.