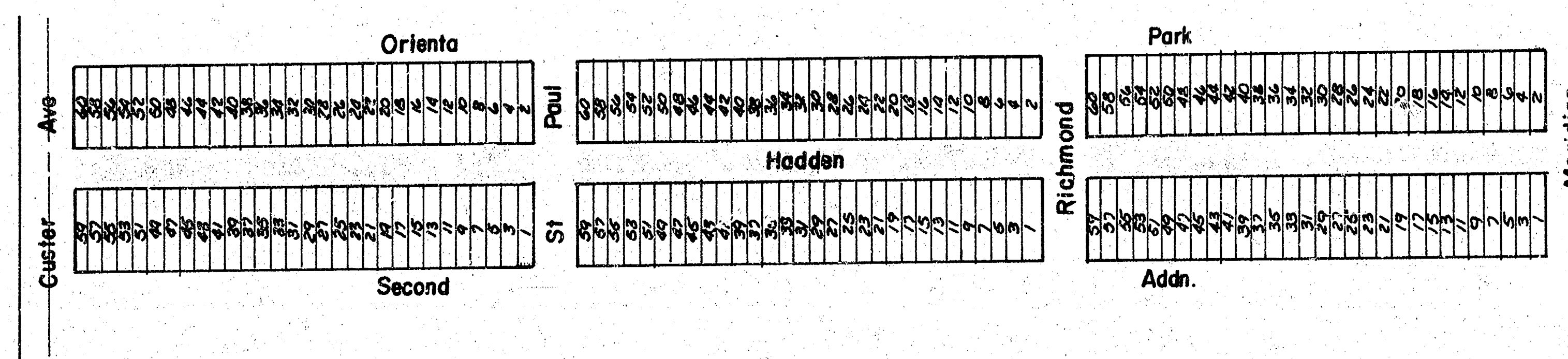
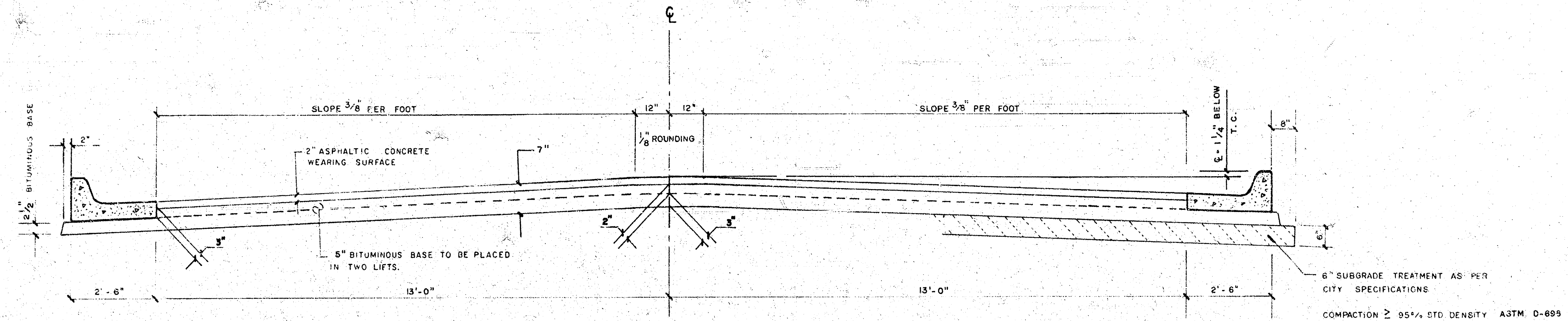


HADDEN AVE



PROJECT DESCRIPTION		
Hadden - EL. Custer to WL. Meridian		
PROJECT NUMBER		
472-76-245-81029-000-000-001		
BOOK NO. DCD-548	APPROVED BY	DATE 7-2-72
DRAWN BY FLEMING	REVISOR	REVISOR
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENG./CITY ENGINEER		SCALE
R. W. BRUGGEMAN		1" = 20'

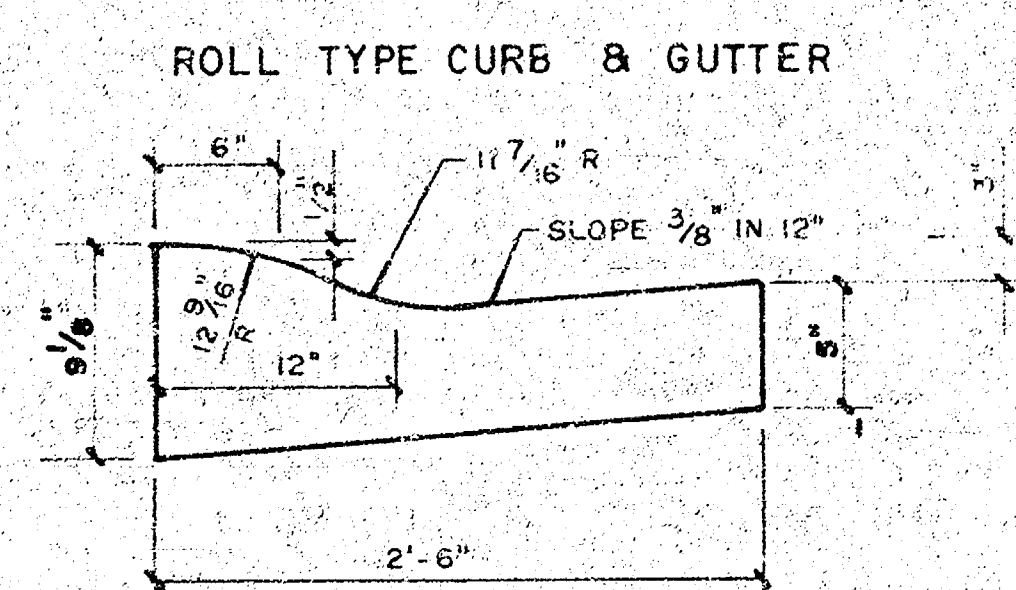
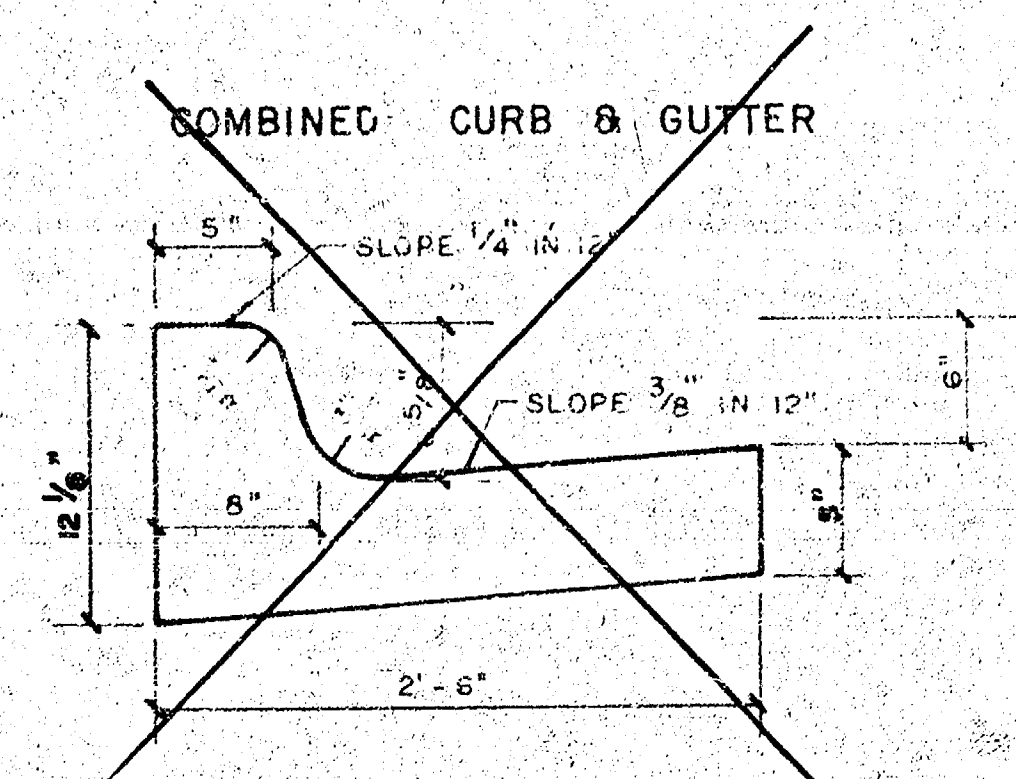


TYPICAL SECTION

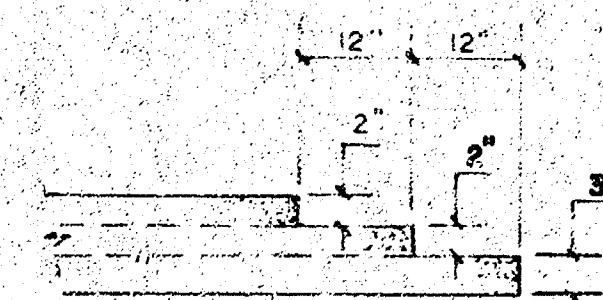
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPH(SS-1H or CSS-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 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.

IF A.C. PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 7" A.C. PAVEMENT (5" BITUMINOUS BASE). THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 2 1/2" BITUMINOUS BASE.



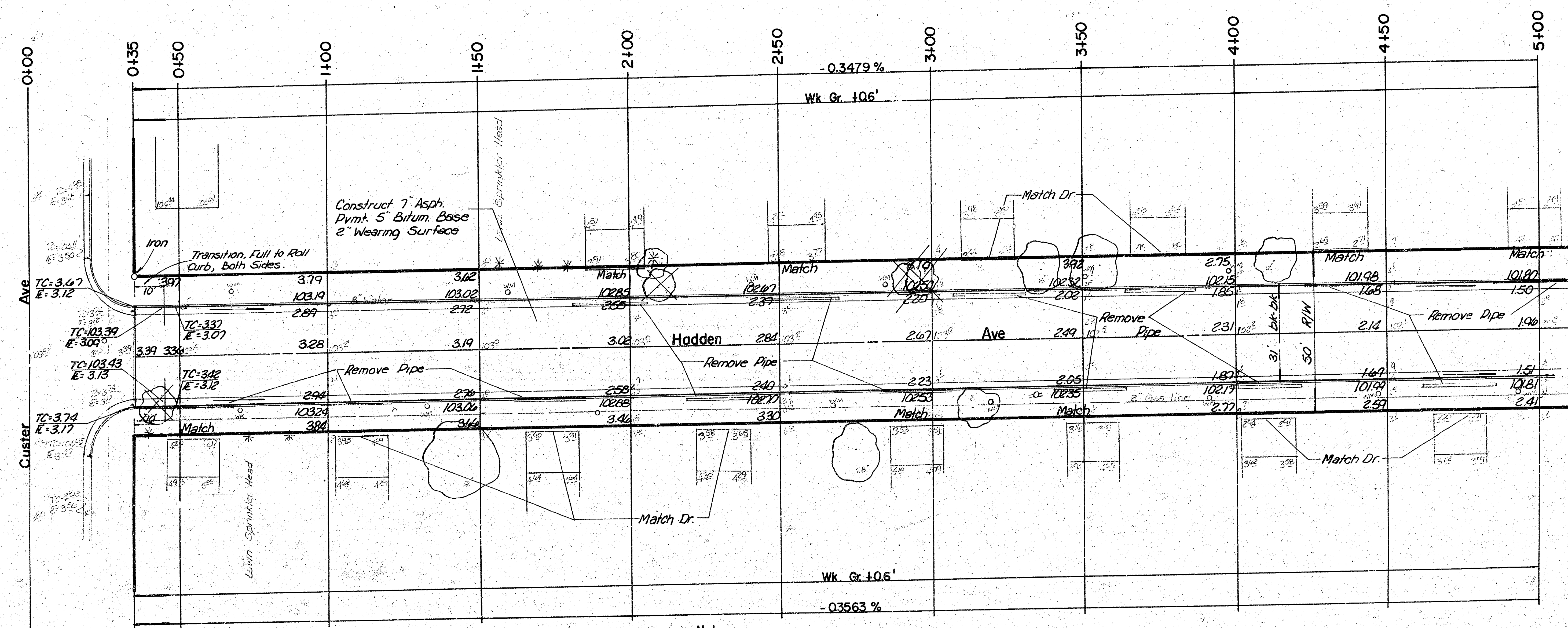
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



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 A.C. PAVEMENT.

CITY OF WICHITA, KANSAS

BM 10242 R.R. spike W. fc. PP. at SE corner Crawford & St Paul
 BM 10405 Top curb at S. end return at SE corner Custer & Hadden
 BL is @ Hadden

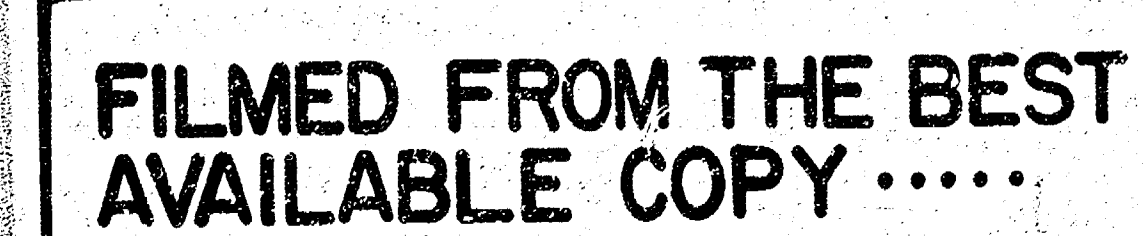


THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

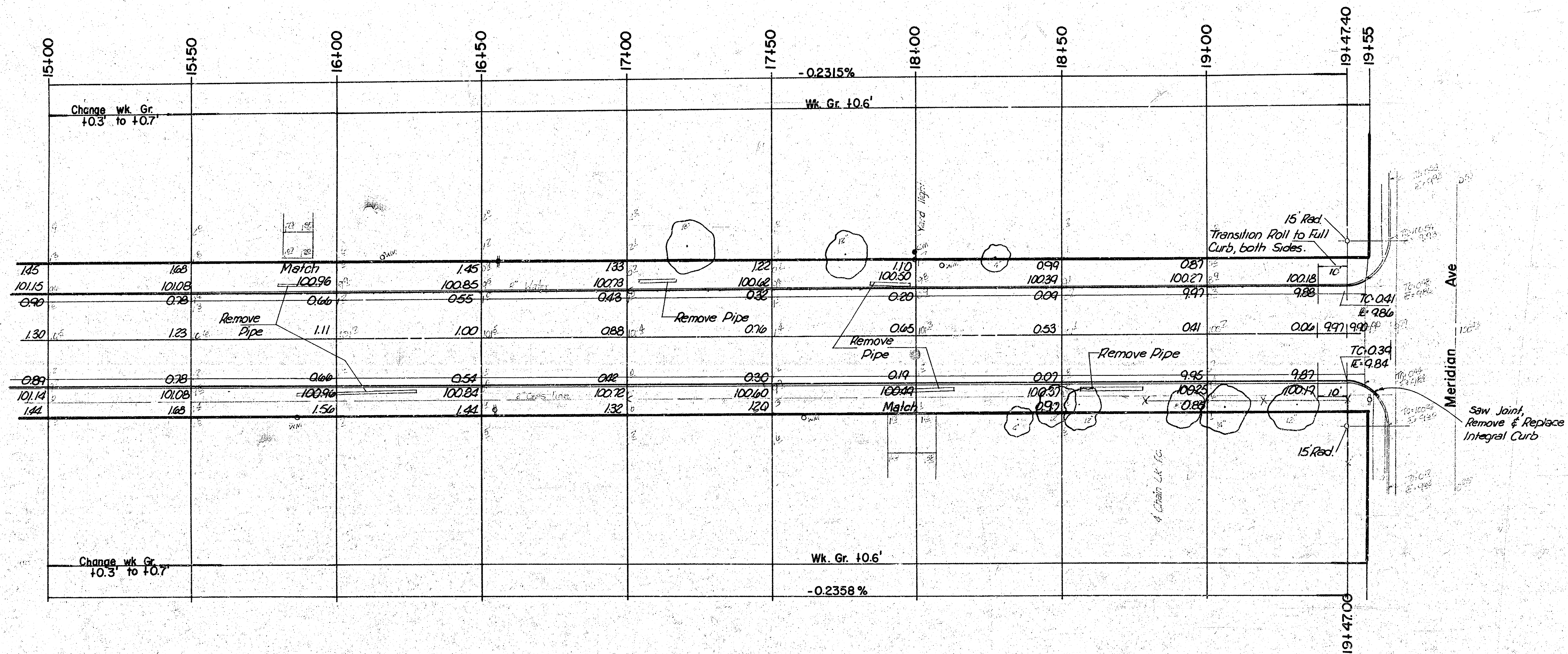
SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

- Note:
- 1) Construct Roll-Type Curb on this Project
 - 2) " 36"-20' Drives "
 - 3) Drives to be constructed can be ramp type or radius type without walk section.

Earthwork Property	
Excavation	1659.9 cy
+10%	166.0 cy
Total	1825.9 cy
Manipulation	







Sheet No. 1

Project No. 472-76-245-81027-000-000-001

Form 192-060

MEASURED QUANTITIES FOR FINAL ESTIMATES ON PAVING

STREET NAME Hadden FROM EL Custer TO NL Meridian CONTRACTOR MID-KANSAS KIND OF PAVEMENT 7" AC 1/2" BIT

Sta.	Width	Dist.	Av. Width	Area	Square Yards Pavement	End Area		Dist.	Av. Area	Volume	Cubic Yards Excavation	(34 DRIVES)
						At Station	Area					
0+35	26.0					0135	18.2		65	22.3	53.7	271
0+55	26.0					1+00	26.4		50	22.1	40.9	280
1+00	26.0					1+50	17.7		23.1	41.8	276	
1+25	26.0					2+00	28.5		34.9	64.6	273	
1+50	26.0					2+50	41.2		37.0	68.5	282	
2+00	26.0					3+00	32.7		28.2	52.2	300	
2+25	26.0					3+50	23.7		18.1	33.5	300	
2+50	26.0					4+00	18.5		12.8	23.7	300	
3+00	26.0					4+50	13.1		21.8	40.4	300	
3+25	26.0					5+00	30.5		24.9	55.4	300	
3+50	26.0					6+00	32.7		31.5	58.3	300	
4+00	26.0					6+50	54.7		35	44.2	52.3	300
4+25	26.0					7+00	59.4		55	39.3	80.1	279
4+50	26.0					7+50	19.1		50	19.5	36.1	288
5+00	26.0					8+00	19.9		15	27.8	294	
5+25	26.0					8+50	10.1		9.7	18.0	208	
5+50	26.0					9+00	9.3		6.5	12.0	282	
6+00	26.0					9+50	3.7		4.9	9.1	282	
6+25	26.0					10+00	6.0		8.3	15.4	300	
6+50	26.0					10+50	10.5		13.6	25.2	300	
7+00	26.0					11+00	16.6		18	23.3	285	
7+25	26.0					11+50	19.3		18.5	34.3	282	
7+50	26.0					12+00	17.7		50	28.9	53.5	287
8+00	26.0					12+50	40		45	39.1	65.2	274
8+25	26.0					13+00	38.1		45	32.1	53.5	279
8+50	26.0					13+50	24.8		50	28.9	53.5	228
9+00	26.0					14+00	39.4		50	18.6	34.4	172
9+25	26.0					14+50	18.8		50	21.3	39.4	243
9+50	26.0					15+00	23.7				28.3	
10+00	26.0										118.1	342
10+25	26.0											209
10+50	26.0											9.569 SF
11+00	26.0											9.569
11+25	26.0											
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DATE NOV 82		STATEMENT OF COST				PROJ. NO. 47276 245 81023 000 000 001		P.E.
		FOR CONSTRUCTION OF: HADDEN EL. CUSTER TO WL. MERIDIAN						182,903.45
		WORKING DAYS ~ 2K						
QUANTITIES		UNIT		CONSTRUCTION ITEM	COSTS		TOTAL	
PROP.	CITY	TOTAL	PRICE		PROP.	CITY		
5,202		5,202	7.62	SQ YDS 7" RC PMT (5 1/2" BIT)	39,639.24		39,639.24	
1,068		1,068	2.73	SQ YDS 2 1/2" BIT BASE	2,915.64		2,915.64	
3,601		3,601	5.40	LIN. FT. COMB. CB. & GTR (ROLL)	19,445.40		19,445.40	
1,660		1,660	0.80	CU. YDS. EXCAVATION	1,328.00		1,328.00	
9,563		9,563	2.65	SQ FT. 6" DRIVE	25,357.85		25,357.85	
6,470		6,470	0.70	SQ YDS MANIPULATION	4,529.00		4,529.00	
57		57	125.00	TONS LIME	7,125.00		7,125.00	
532		532	0.50	LIN. FT. PIPE REMOVED	236.00		236.00	
4		4	10.00	SMALL TREES REMOVED	40.00		40.00	
30		30	0.10	SQ FT. WK. EDR. REMOVED	3.00		3.00	
5		5	1.25	LIN. FT. INT. CURB REMOVED	6.25		6.25	
5		5	2.76	LIN. FT. INT. CURB	13.80		13.80	
15		15	1.00	LIN. FT. SAWED JOINT	15.00		15.00	
				CHANGE ORDER #1	380.00		380.00	
				SUBTOTAL	101,700.18		101,700.18	
				ENGINEERING AND INSP.	14,964.84		14,964.84	
				ADMINISTRATION	15.17.00		1,517.00	
				PUBLICATION	116.47		116.47	
				ABSTRACTING	45.00		45.00	
				STREET NAME SIGNS	-0-	53.75	53.75	
				CONSTRUCTION COST	118,343.49	53.75	118,397.24	
				TEMP. NOTE INT.	6,947.67	-	6,947.67	
6/22				TOTAL COST	125,291.16	53.75	125,344.91	

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