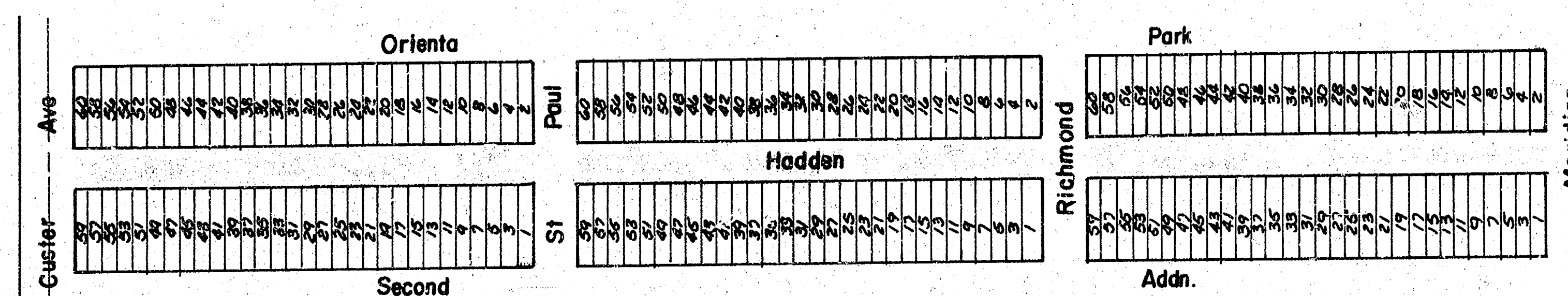
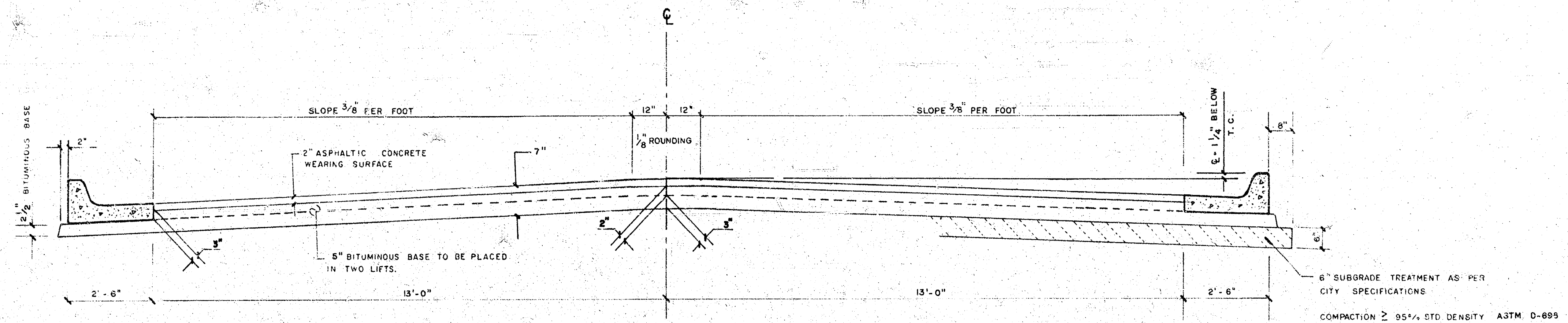


HADDEN AVE



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'

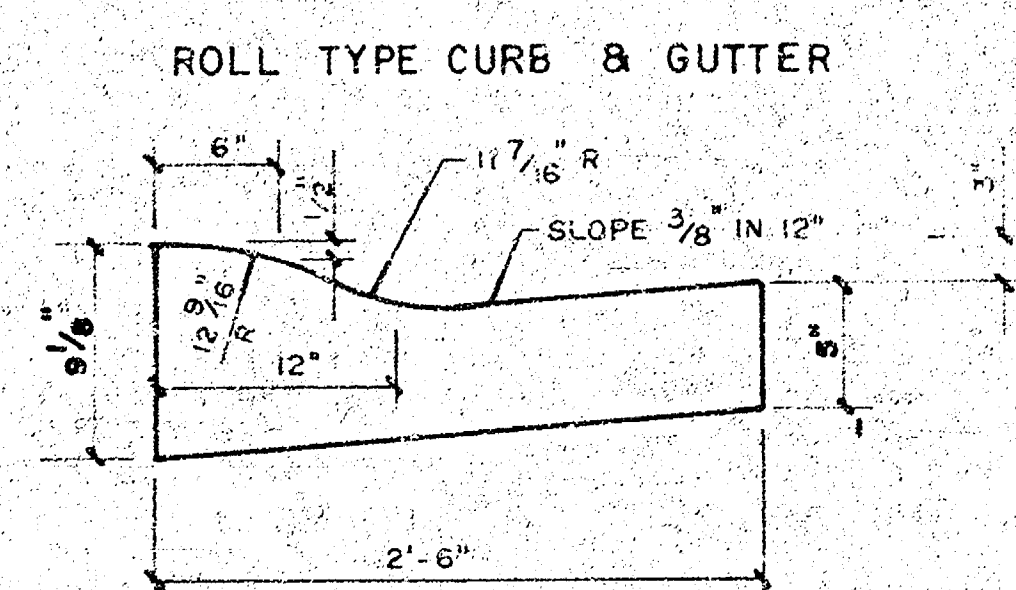
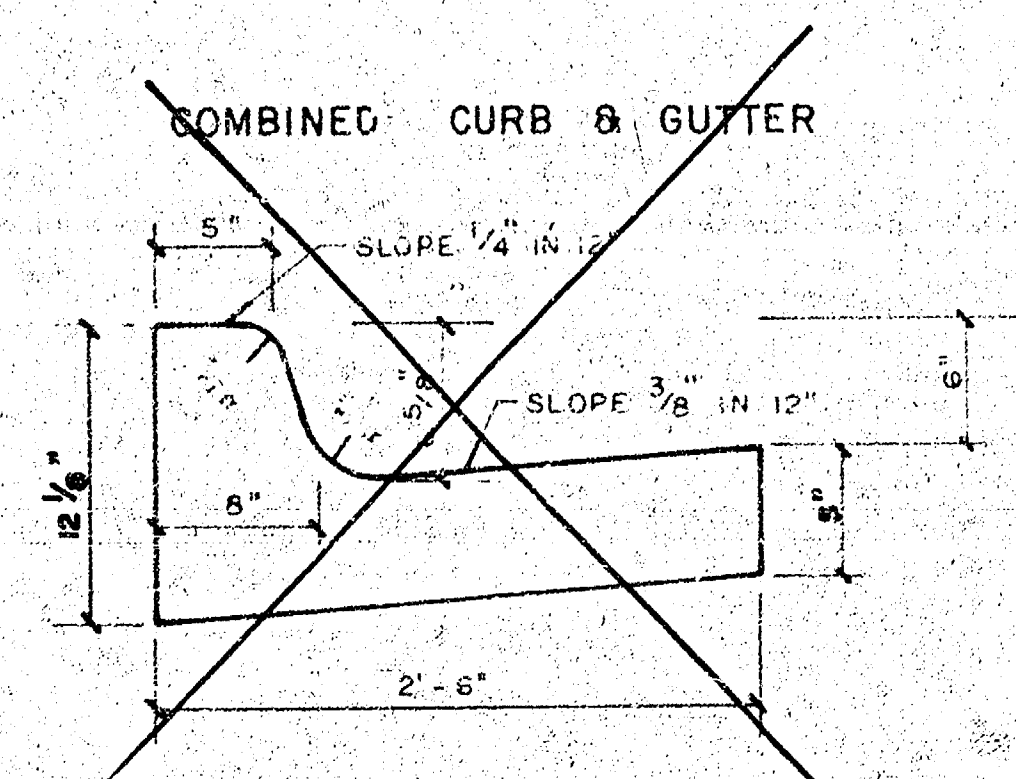


TYPICAL SECTION

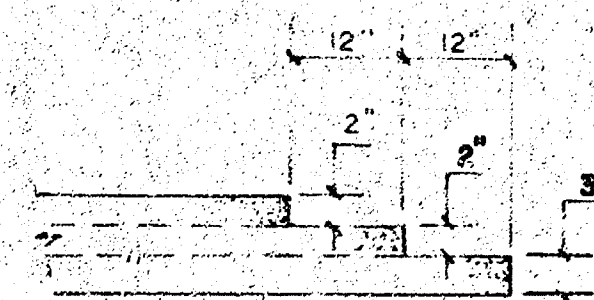
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.



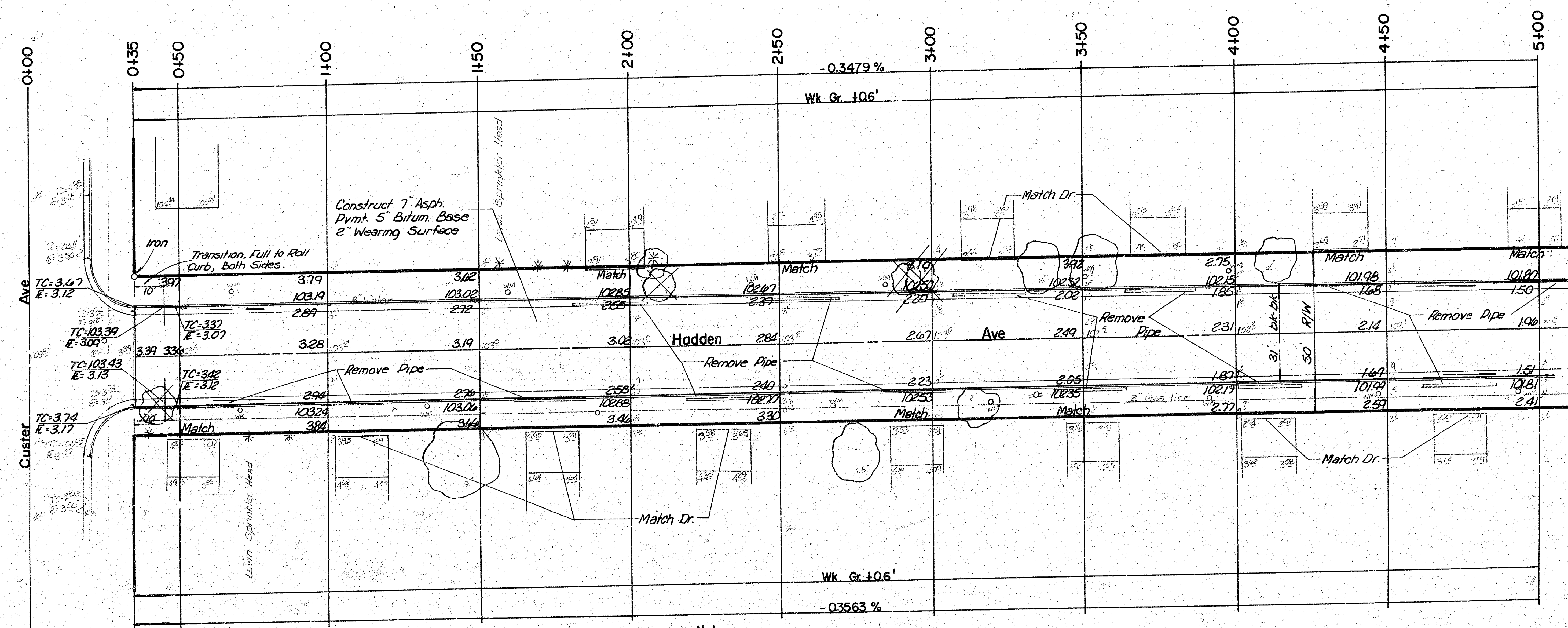
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



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

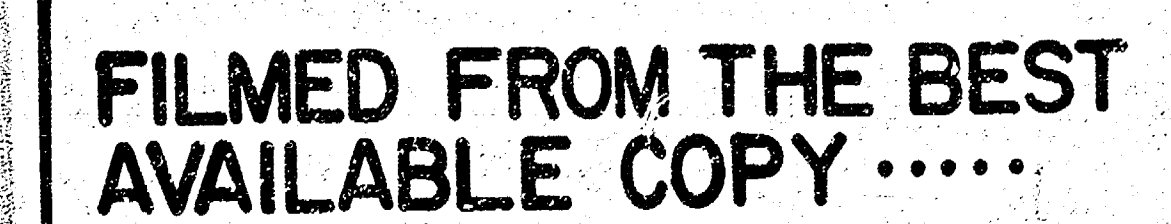


THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE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

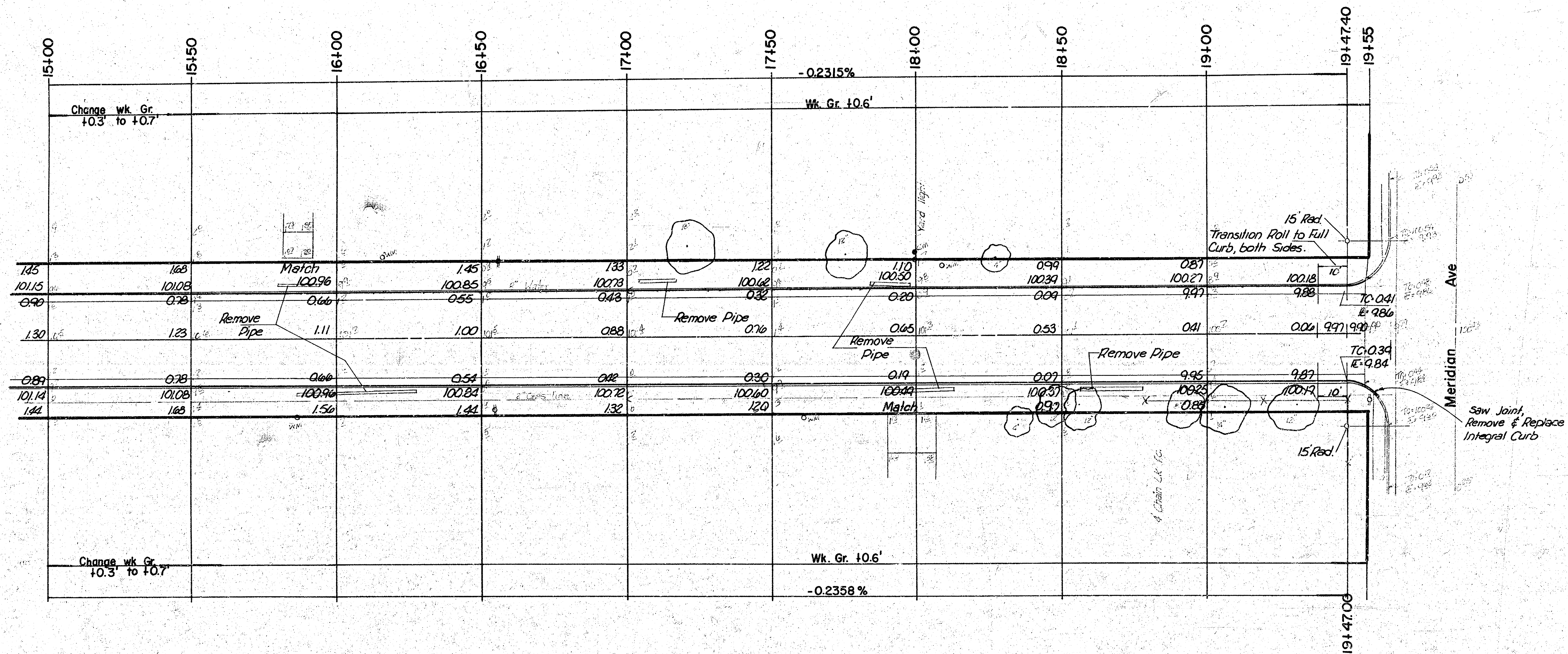
SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

- 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	







MEASURED QUANTITIES FOR FINAL ESTIMATES ON PAVING

Form 192-006

STREET NAME Hadden FROM EL Custer TO W. Meridian CONTRACTOR MID-KANSAS KIND OF PAVEMENT 7" AC^W 1" B.T.

Sta.	Width	Dist.	Av. Width	Area	Square Yards Pavement	End Area		Dist.	Av. Area	Volume	Cubic Yards Excavation	(34.12885) " DRIVE	Tons (LINE) GALG@18" = 58.2 T (USE) TICKETS = 57.0 T (#5 PER INSP CD.) DRIVE REM (60x18") = 30.5
						At Station	Area						
50+00	26.0	12	5" E 17'			0135	182				53.7	271	
0135	26.0					1100	26.4	65	22.3		53.7	271	
0135	26.0					150	17.7	50	22.1		40.9	280	
0135	26.0					2100	28.5		23.1		41.8	276	
0135	26.0					150	41.2		34.9		64.6	273	
0135	26.0					3100	32.7		37.0		68.5	282	
0135	26.0					150	23.7		28.2		52.2	300	
0135	26.0					4100	12.5		18.1		33.5	300	
0135	26.0					150	13.1		12.8		23.7	300	
0135	26.0					5100	30.5		21.8		40.4	300	
0135	26.0					150	29.2		24.9		55.4	300	
0135	26.0					6100	32.7	50	31.5		58.3	300	
0135	26.0					135	54.7	35	44.7		57.3	300	
0135	26.0					195	59.4					300	
0135	26.0					7150	19.1	55	39.3		80.1	279	
0135	26.0					8100	19.9	50	19.5		36.1	288	
0135	26.0					150	10.1		15		27.8	284	
0135	26.0					9100	9.3		9.7		18.0	208	
0135	26.0					150	3.7		6.5		12.0	282	
0135	26.0					10100	6.0		4.9		9.1	282	
0135	26.0					1100	10.6		8.3		15.4	300	
0135	26.0					150	10.5		13.6		25.2	300	
0135	26.0					1100	10.6		18		33.3	285	
0135	26.0					150	19.3		18.5		34.3	282	
0135	26.0					12100	17.2	50	28.9		53.5	287	
0135	26.0					150	40	45	39.1		65.2	274	
0135	26.0					195	38.1					301	
0135	26.0					13155	24.8	45	32.1		53.5	279	
0135	26.0					14100	39.4	50	28.9		53.5	298	
0135	26.0					150	18.4	50	18.6		34.4	172	
0135	26.0					15100	18.8	50	21.3		39.4	243	
0135	26.0					150	23.7					283	
0135	26.0									1182.1	342		
0135	26.0										309		
0135	26.0										9569 SF		
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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	1,517.00		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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