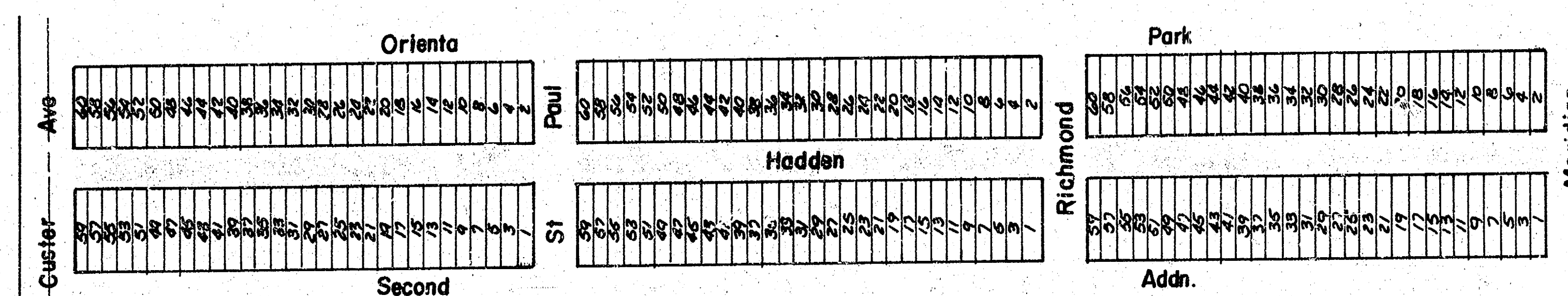
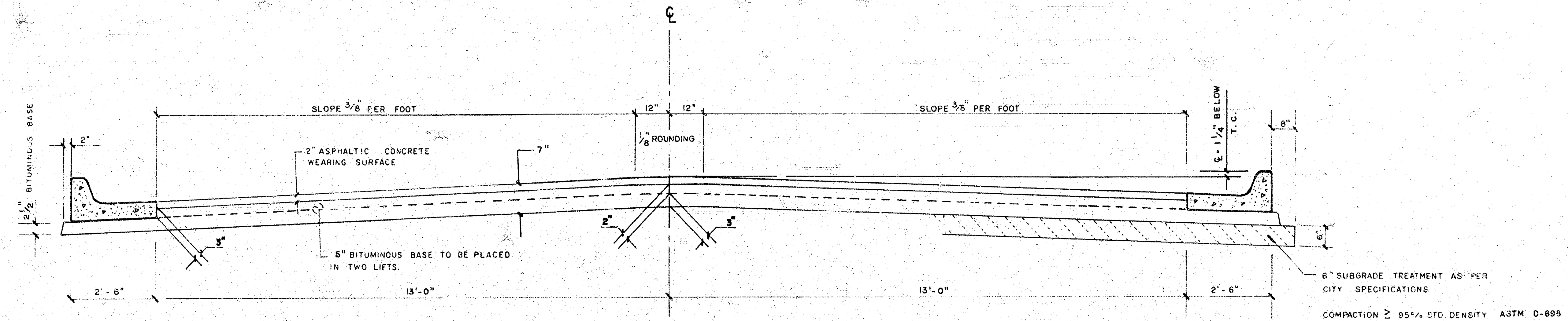


HADDEN AVE



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 R. W. BRUGGEMAN		SCALE 1" = 20'

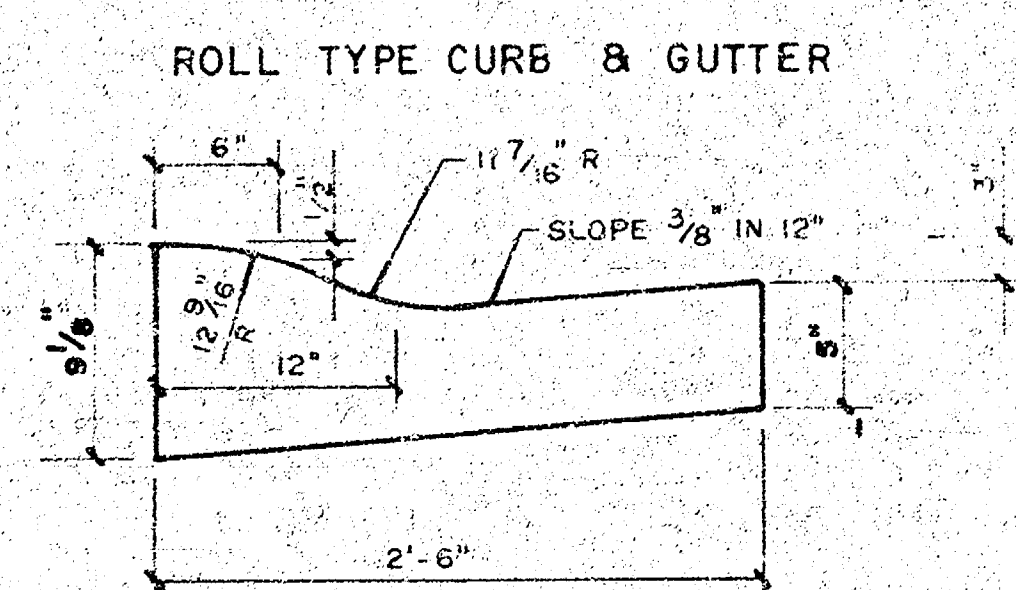
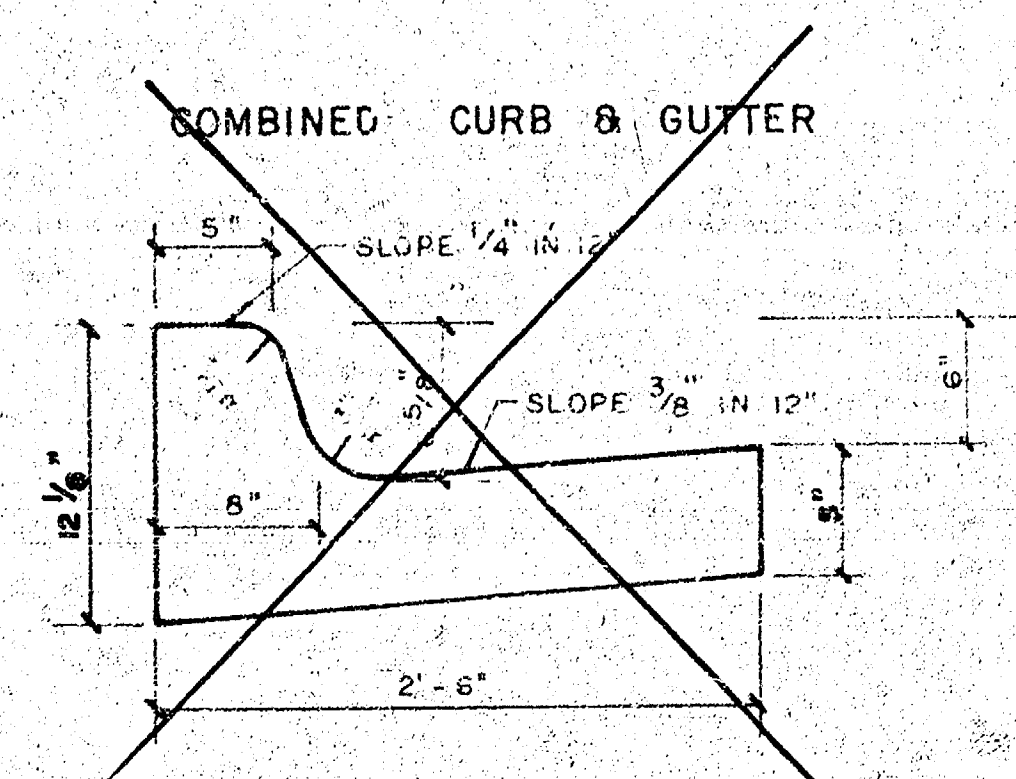


TYPICAL SECTION

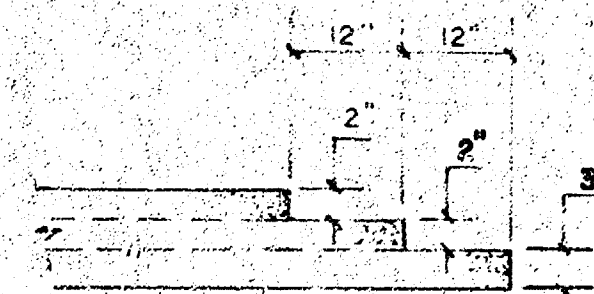
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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.



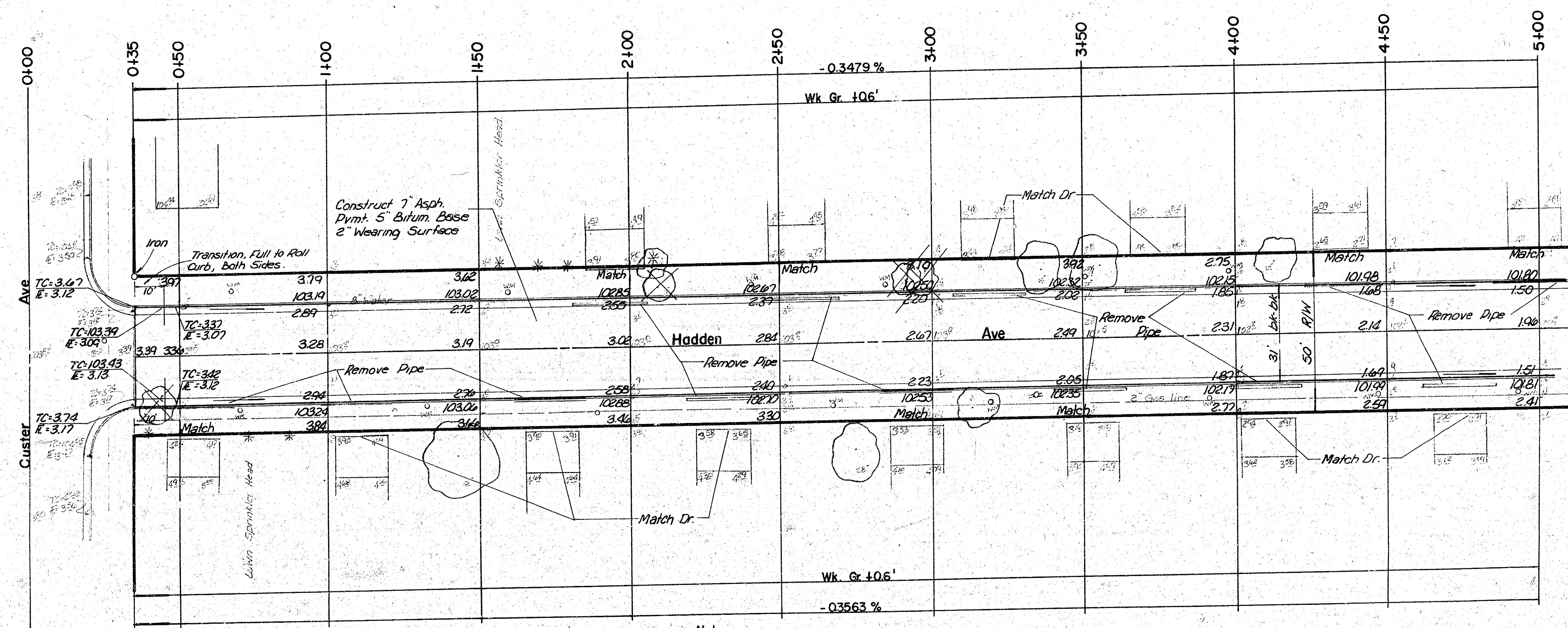
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



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

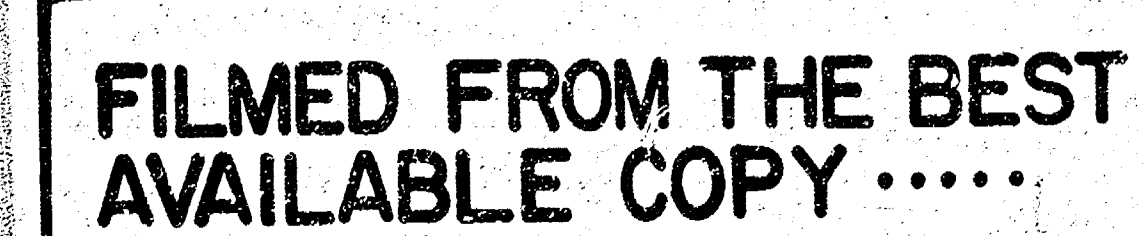


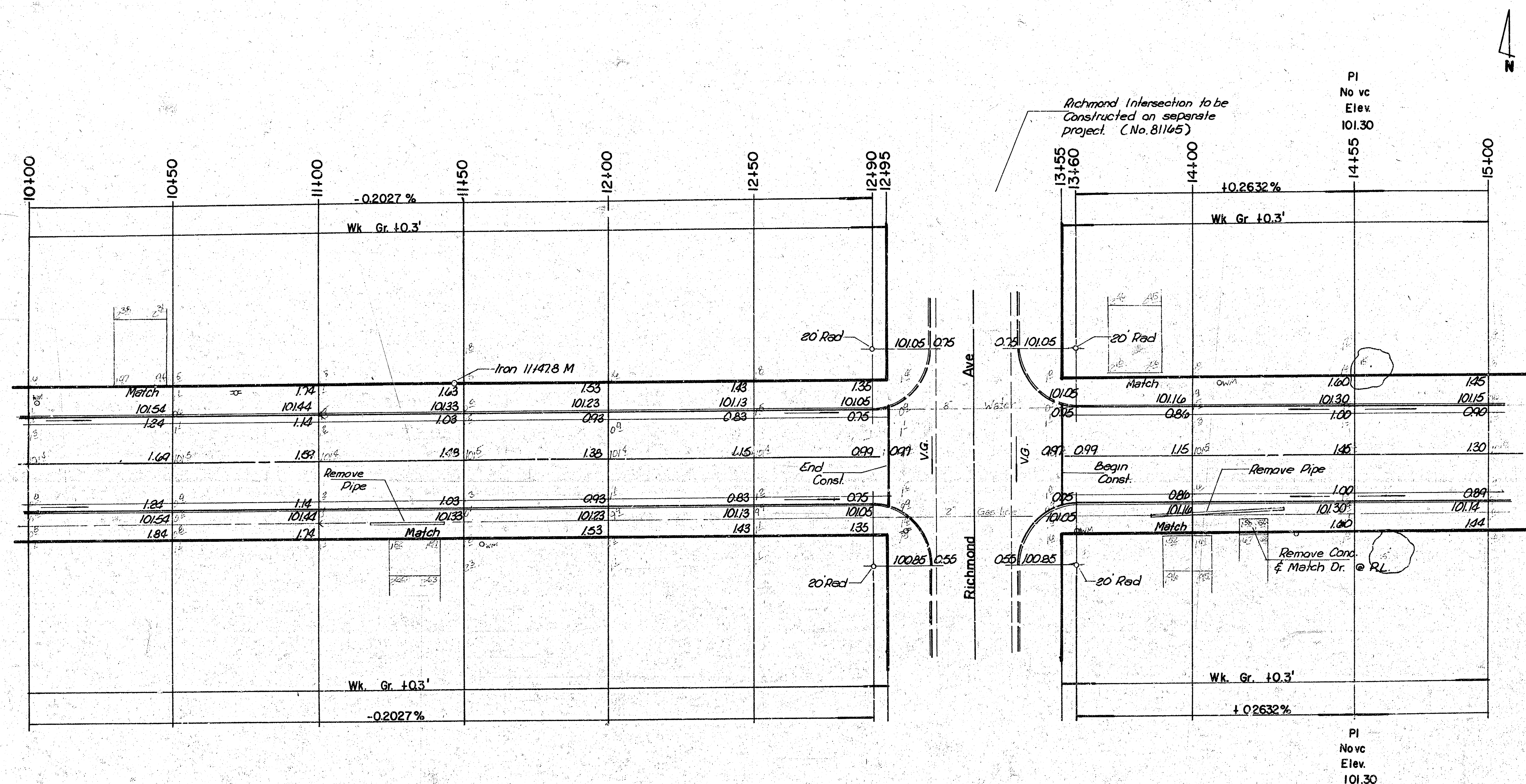
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE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

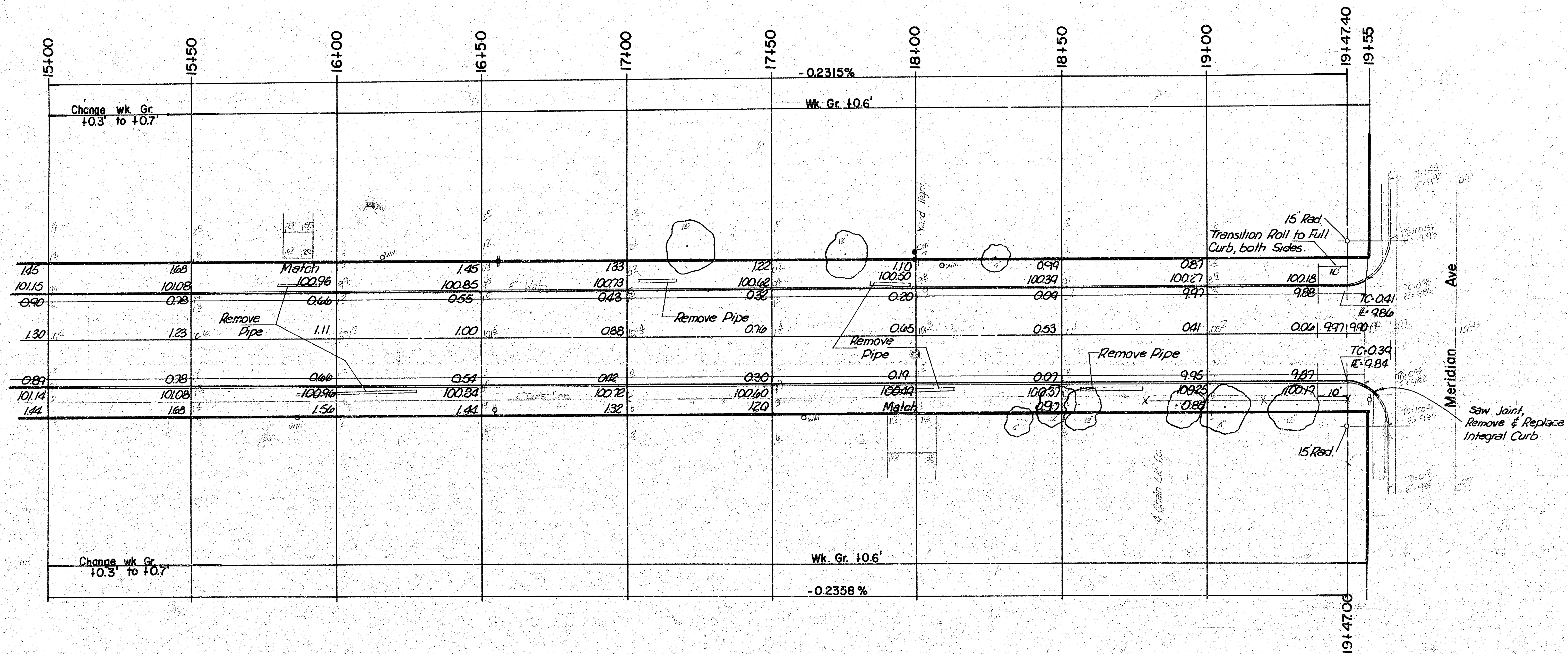
SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

- 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		FROM		TO		CONTRACTOR		KIND OF PAVEMENT				
Hadden		EL Custer		WL Meridian		MID-KANSAS		7" AC 1/2" BIT				
Sta.	Width	Dist.	Av. Width	Area	Square Yards Pavement	End Area At Station	Area	Dist.	Av. Area	Volume	Cubic Yards Excavation	(34 DRIVES)
0+35	26.0	18.2	26.0			0135	18.2	65	22.3	53.7	27.1	2.00 DRIVE TONS LIME CALC @ 18# = 58.2 T
0+55	26.0	20.0	26.0			1100	26.4	50	22.1	40.9	28.0	(USE) TICKETS = 57.0 T
0+75	26.0	20.0	26.0			150	17.7	23.1	41.8	27.6	27.3	(AS PER INSP. CO.)
0+95	26.0	20.0	26.0			2400	28.5	34.9	64.6	27.3	28.2	DRIVE REM. (58x18.5) = 30 SF
1+15	26.0	20.0	26.0			50	41.2	37.0	68.5	28.2	30.0	
1+35	26.0	20.0	26.0			3100	32.7	28.2	52.2	30.0	30.0	
1+55	26.0	20.0	26.0			150	23.7	18.1	33.5	30.0	30.0	
1+75	26.0	20.0	26.0			4400	18.5	12.8	23.7	30.0	30.0	
1+95	26.0	20.0	26.0			150	13.1	21.8	40.4	30.0	30.0	
2+15	26.0	20.0	26.0			5400	30.5	24.9	55.4	30.0	30.0	
2+35	26.0	20.0	26.0			150	29.2	31.5	58.3	30.0	30.0	
2+55	26.0	20.0	26.0			6100	32.7	35	44.2	52.3	30.0	
2+75	26.0	20.0	26.0			135	54.7	195	59.4	30.0	30.0	
2+95	26.0	20.0	26.0			1546	81.2	55	39.3	80.1	27.9	
3+15	26.0	20.0	26.0			58	233.021	7150	19.1	50	19.5	
3+35	26.0	20.0	26.0			8400	19.9	15	27.8	20.4	20.8	
3+55	26.0	20.0	26.0			150	10.1	9.7	18.0	20.8	20.8	
3+75	26.0	20.0	26.0			9400	9.3	6.5	12.0	28.2	28.2	
3+95	26.0	20.0	26.0			150	3.7	4.9	9.1	28.2	28.2	
4+15	26.0	20.0	26.0			10100	6.0	8.3	15.4	30.0	30.0	
4+35	26.0	20.0	26.0			150	10.5	13.6	25.2	30.0	30.0	
4+55	26.0	20.0	26.0			11400	10.6	18	23.3	28.5	28.5	
4+75	26.0	20.0	26.0			150	19.3	18.5	34.3	28.2	28.2	
4+95	26.0	20.0	26.0			12400	17.7	50	28.9	53.5	28.7	
5+15	26.0	20.0	26.0			150	40	45	39.1	65.2	27.4	
5+35	26.0	20.0	26.0			195	38.1	45	39.1	65.2	27.4	
5+55	26.0	20.0	26.0			3755	24.8	45	32.1	53.5	27.9	
5+75	26.0	20.0	26.0			14100	39.4	50	28.9	53.5	22.8	
5+95	26.0	20.0	26.0			150	18.4	50	18.6	34.4	17.2	
6+15	26.0	20.0	26.0			15100	18.8	50	21.3	39.4	24.3	
6+35	26.0	20.0	26.0			150	23.7			28.3	28.3	
6+55	26.0	20.0	26.0							1182.1	34.2	
6+75	26.0	20.0	26.0							20.9	20.9	
6+95	26.0	20.0	26.0							9.569 SF	9.569	
7+15	26.0	20.0	26.0									
7+35	26.0	20.0	26.0									
7+55	26.0	20.0	26.0									
7+75	26.0	20.0	26.0									
7+95	26.0	20.0	26.0									
8+15	26.0	20.0	26.0									
8+35	26.0	20.0	26.0									
8+55	26.0	20.0	26.0									
8+75	26.0	20.0	26.0									
8+95	26.0	20.0	26.0									
9+15	26.0	20.0	26.0									
9+35	26.0	20.0	26.0									
9+55	26.0	20.0	26.0									
9+75	26.0	20.0	26.0									
9+95	26.0	20.0	26.0									
10+15	26.0	20.0	26.0									
10+35	26.0	20.0	26.0									
10+55	26.0	20.0	26.0									
10+75	26.0	20.0	26.0									
10+95	26.0	20.0	26.0									
11+15	26.0	20.0	26.0									
11+35	26.0	20.0	26.0									
11+55	26.0	20.0	26.0									
11+75	26.0	20.0	26.0									
11+95	26.0	20.0	26.0									
12+15	26.0	20.0	26.0									
12+35	26.0	20.0	26.0									
12+55	26.0	20.0	26.0									
12+75	26.0	20.0	26.0									
12+95	26.0	20.0	26.0									
13+15	26.0	20.0	26.0									
13+35	26.0	20.0	26.0									
13+55	26.0	20.0	26.0									
13+75	26.0	20.0	26.0									
13+95	26.0	20.0	26.0									
14+15	26.0	20.0	26.0									
14+35	26.0	20.0	26.0									
14+55	26.0	20.0	26.0									
14+75	26.0	20.0	26.0									
14+95	26.0	20.0	26.0									
15+15	26.0	20.0	26.0									
15+35	26.0	20.0	26.0									
15+55	26.0	20.0	26.0									
15+75	26.0	20.0	26.0									
15+95	26.0	20.0	26.0									
16+15	26.0	20.0	26.0									
16+35	26.0	20.0	26.0									
16+55	26.0	20.0	26.0									
16+75	26.0	20.0	26.0									
16+95	26.0	20.0	26.0									
17+15	26.0	20.0	26.0									
17+35	26.0	20.0	26.0									
17+55	26.0	20.0	26.0									
17+75	26.0	20.0	26.0									
17+95	26.0	20.0	26.0									
18+15	26.0	20.0	26.0									
18+35	26.0	20.0	26.0									
18+55	26.0	20.0	26.0									
18+75	26.0	20.0	26.0									
18+95	26.0	20.0	26.0									
19+15	26.0	20.0	26.0									
19+35	26.0	20.0	26.0									
19+55	26.0	20.0	26.0									
19+75	26.0	20.0	26.0									
19+95	26.0	20.0	26.0									
20+15	26.0	20.0	26.0									
20+35	26.0	20.0	26.0									
20+55	26.0	20.0	26.0									
20+75	26.0	20.0	26.0									
20+95	26.0	20.0	26.0									
21+15	26.0	20.0	26.0									
21+35	26.0	20.0	26.0									
21+55	26.0	20.0	26.0									
21+75	26.0	20.0	26.0									
21+95	26.0	20.0	26.0									
22+15	26.0	20.0	26.0									
22+35	26.0	20.0	26.0									
22+55	26.0	20.0	26.0									
22+75	26.0	20.0	26.0									
22+95	26.0	20.0	26.0									
23+15	26.0	20.0	26.0									
23+35	26.0	20.0	26.0									
23+55	26.0	20.0	26.0									
23+75	26.0	20.0	26.0									

16 10 1 17

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		
PROP.	CITY	TOTAL	PRICE			PROP.	CITY	TOTAL
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 YD. 6" DRIVE		25,357.85		25,357.85
6,470		6,470	0.70	SQ YD. 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		266.00		266.00
4		4	10.00	SMALL TREES REMOVED		40.00		40.00
30		30	0.10	SQ FT. W/ K' 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		280.00		280.00
				SUBTOTAL		101,700.18		101,700.18
				ENGINEERING AND INSP.		14,964.84		14,964.84
				ADMINISTRATION		15.17.00		15.17.00
				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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