

SUMMARY OF SURFACING QUANTITIES									
P&P SHEET NO.	STATION TO STATION	AGGREGATE BASE 303(A)	SEPARATOR FABRIC 325	STABILIZED SUBGRADE 307(K)	TBSC TYPE E 402(E)	TACK COAT* 407(B)	PRIME COAT* 408	SUPERPAVE, TYPE S3 (PG 64-22 OK) 411(B)	SUPERPAVE, TYPE S4 (PG 64-22 OK) 411(C)
		CY	SY	SY	TON	GAL	GAL	TON	TON
MAINLINE									
1	90+00.00 TO 105+00.00	214.6	1094.2	1094.2	105.5	134.3	624.7	288.3	94.6
2	105+00.00 TO 120+00.00	1711.0	8429.4	8429.4	836.8	1020.7	4877.1	2300.2	754.3
3	120+00.00 TO 135+00.00	1712.1	8434.5	8434.5	836.5	1021.4	4880.2	2302.0	754.9
4	135+00.00 TO 150+00.00	1658.5	8167.6	8167.6	807.1	997.1	4726.4	2231.0	731.7
5	150+00.00 TO 155+85.00	-	-	-	-	-	-	-	-
251ST									
6	8+01.54 TO SH-16	154.1	-	769.6	45.5	44.9	442.9	100.4	67.0
6	SH-16 TO 12+46.26	177.9	-	890.9	52.5	51.6	512.3	115.5	77.0
TOTALS:		5628.2	26125.7	27786.2	2683.9	3270.0	16063.6	7337.4	2479.5

* FOR CONTRACTORS INFORMATION, COST TO BE INCLUDED IN PRICE BID FOR ASPHALT

RIP RAP TREATMENT QUANTITIES						
C.R.L. STATION TO STATION	SIDE	DIMENSIONS			TYPE 1 PLAIN RIPRAP	FILTER FABRIC (RIPRAP)
		AREA SF	THICKNESS LF	SIZE FT	601(A) TON	601(I) SY
113+25.00 TO 114+05.00	LT	1213	1.0	0.5	79.0	135.0
114+47.00	LT	1119	1.5	0.8	110.0	125.0
114+47.00	RT	2850	1.5	0.8	278.0	317.0
122+89.00 TO 123+65.00	LT	1218	1.0	0.5	80.0	136.0
122+90.00 TO 124+26.00	RT	2348	1.0	0.5	153.0	261.0
125+70.00 TO 126+57.00	LT	1276	1.0	0.5	83.0	142.0
125+76.00 TO 126+70.00	RT	1444	1.0	0.5	94.0	161.0
134+30.00 TO 136+30.00	LT	2962	1.0	0.5	193.0	330.0
133+85.00 TO 134+85.00	RT	1448	1.0	0.5	95.0	161.0
137+68.00 TO 138+36.00	RT	1010	1.0	0.5	66.0	113.0
TOTALS:					1231.0	1881.0

MAILBOX SUMMARY		
C.R.L. STATION	SIDE	DESCRIPTION
106+99.40	RT	DOUBLE MAILBOX
131+48.19	LT	SINGLE MAILBOX
135+49.19	RT	SINGLE MAILBOX
138+75.00	LT	DOUBLE MAILBOX

SUMMARY OF TEMPORARY PAVING							
P&P SHEET NO.	STATION TO STATION	AGGREGATE BASE 303(A)	STABILIZED SUBGRADE 307(K)	TBSC TYPE E 402(E)	PRIME COAT* 408	SUPERPAVE, TYPE S3 (PG 64-22 OK) 411(B)	SUPERPAVE, TYPE S4 (PG 64-22 OK) 411(C)
		CY	SY	TON	GAL	TON	TON
WIDENING							
1	90+00.00 TO 105+00.00	352.0	1744.4	-	1007.0	211.0	139.0
2	105+00.00 TO 120+00.00	1050.4	5204.6	-	3004.5	650.7	428.7
3	120+00.00 TO 135+00.00	66.1	327.4	-	189.0	35.8	23.6
4	135+00.00 TO 150+00.00	831.5	4120.1	-	2378.4	505.3	332.9
5	150+00.00 TO 155+85.00	103.6	513.1	-	296.2	78.6	51.8
251ST DETOUR							
6	8+01.54 TO 12+46.26	-	-	376.9	-	-	-
TOTALS:		2403.6	11909.6	376.9	6875.1	1481.5	975.9

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SUMMARY OF DITCH TREATMENT								
P&P SHEET NO.	C.R.L. STATION AND DIRECTION	LENGTH	CONCRETE LINER				DES. NO.	
			BOTTOM WIDTH LF	CURTAIN WALLS EA	DITCH LINER PROTECTION 229 LF	CLASS C CONCRETE 509(D) CY		
4	144+00.00 TO 148+75.00	LT	399	4	5	399	51.8	2A
4	147+72.00 TO 150+00.00	RT	228	8	4	228	41.3	2A
TOTALS:			9	627	94			

SUMMARY OF EARTHWORK QUANTITIES							
SHEET ESTIMATE	ALIGNMENT	STATION TO STATION	UNCLASSIFIED EXCAVATION 202 (A)	EMBANKMENT 15%*	EXCESS EXCAVATION*	UNCLASSIFIED BORROW 202(D)	WASTE*
			C.Y.	C.Y.	C.Y.	C.Y.	C.Y.
1	SH-16	100+00.00 TO 155+00.00	13137	47763	-	34626	-
2	251ST	7+00.00 TO 13+00.00	279	6666	-	6387	-
3	SH-16	100+00.00 TO 155+00.00	5271	8924	-	3653	-
4	SH-16	100+00.00 TO 155+00.00	28069	1612	26457	-	26457
5	251ST	7+00.00 TO 13+00.00	1320	-	1320	-	1320
TOTAL:			48076	64965	27777	44666	27777

* FOR CONTRACTORS INFORMATION ONLY

SUMMARY OF DRIVEWAYS									
C.R.L. STATION	RT/LT	TYPE	WIDTH	LENGTH	RADIUS	TACK COAT* 407(B)	PRIME COAT* 408	SUPERPAVE, TYPE S3 (PG 64-22 OK)	SUPERPAVE, TYPE S4 (PG 64-22 OK)
			FT	FT	FT	GAL	GAL	TON	TON
105+05.44	LT	ASPH.	15	30	15	4.4	20.5	9.8	6.6
106+14.53	LT	ASPH.	15	30	15	4.4	20.5	9.8	6.6
106+60.74	RT	ASPH.	14	65	25	9.1	42.1	20.2	13.5
107+47.06	RT	ASPH.	12	63	15	7.1	32.8	15.7	10.5
107+60.16	LT	ASPH.	12	50	15	5.7	26.4	12.7	8.5
122+62.30	RT	ASPH.	12	70	25	9.1	42.1	20.2	13.5
139+18.67	LT	ASPH.	16	153	15	21.1	98.1	47.1	31.4
144+64.52	RT	ASPH.	12	67	15	7.4	34.3	16.4	11.0
145+75.00	LT	ASPH.	20	76	15	13.4	62.2	29.8	19.9
TOTALS:			81.7	379.0	181.63	121.5			

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REMOVAL OF STRUCTURES & OBSTRUCTIONS	
SURVEY C. L. STATION	DESCRIPTION
102+73, RT	4'x4'x1' 1/2" CONCRETE STRUCTURE, POSSIBLE ABANDONED WATER WELL*
106+27, LT	24 LF, 18" RCP
106+62, RT	26.5 LF, 18" RCP
107+41, RT	23.5 LF, 18" RCP
107+66, LT	19.0 LF, 12" CGMP
114+47 LT	CONCRETE END SECTION
114+47 RT	CONCRETE END SECTION
122+63, RT	2" DIA. x5' STEEL POST IN CONCRETE
122+70, LT	62.0 LF, 24" RCP
131+35, RT	ABANDONED OIL WELL 2' x 3' HAGL
136+67, RT	1.5'x2.5' GRATE DROP INLET W/22 LF, 16" CGMP
136+70, LT	1.5'x2.5' GRATE DROP INLET W/20 LF, 16" CGMP
137+78, RT	1.5'x2.5' GRATE DROP INLET W/21 LF, 16" CGMP
137+81, LT	1.5'x2.5' GRATE DROP INLET W/25 LF, 16" CGMP
138+08, RT	40.3', 30" CGMP W/NORTH CONCRETE HEADWALL
139+37, RT	APPROX 225 SF (15'x15') CONCRETE PAD FOUNDATION WITH (2) 1 1/2"x3"x1 1/2" HAGL CONCRETE BASE AND 1' HAGL STEEL PIPES THROUGHOUT (OLD OIL/GAS FOUNDATION SETUP)
144+80	6'x4'x20.2' RCP W/ HEADWALLS

*PLUGGING ABANDONED WATER WELLS WILL BE HANDLED IN ACCORDANCE WITH CURRENT REGULATIONS ESTABLISHED BY THE OKLAHOMA WATER RESOURCES BOARD BY A LICENSED WELL-DRILLER.

SUMMARY OF FENCE				
P&P SHT. NO.	CL SURVEY STATION TO STATION	RT	FENCE STYLE SWF (6-BW) 624(C)	FENCE STYLE SWF (6-BW) 624(C)
			LF	LF
1	98+82 TO 105+00	RT		633
2	105+00 TO 106+61	RT		166
2	106+93 TO 107+45	RT	57	
2	107+59 TO 114+39	RT	752	
2	114+61 TO 120+00	RT	589	
2	107+89 TO 114+34	LT	647	
2	114+57 TO 120+00	LT	559	
3	120+00 TO 122+50	RT	255	
3	122+66 TO 124+64	RT	276	
3	125+50 TO 13+50	RT	995	
3	120+00 TO 124+43	LT	459	
3	125+07 TO 133+48	LT	878	
3	13+50 TO 135+43	RT	434	
3	136+70 TO 144+57	RT	911	
3	144+72 TO 150+53	RT	595	
3	134+23 TO 136+88	LT	407	
3	138+15 TO 139+18	LT	240	
3	139+36 TO 144+73	LT	566	
3	144+87 TO 150+06	LT	335	
TOTALS:			8955	799

SUMMARY OF REMOVALS				
SHEET NO.	C.R.L. STATION TO STATION	REMOVAL OF ASPHALT PAVEMENT 619(B)	REMOVAL OF GUARDRAIL 619(B)	SAVING PAVEMENT 619(C)
		SY	LF	LF
MAINLINE				
1	103+10.93 TO 105+00.00	556	-	704
2	105+00.00 TO 120+00.00	4,406	-	2114
3	120+00.00 TO 135+00.00	4,336	-	-
4	135+00.00 TO 136+80.38	511	538	1692
4	137+71.34 TO 149+47.26	3,431	-	550
DETOUR				
1 (PH 1)	100+60.89 TO 105+00.00	451	-	-
1 (PH 2)	99+05.94 TO 105+00.00	792	-	-
2 (PH 1)	105+00.00 TO 117+22.03	1,513	-	-
2 (PH 2)	105+00.00 TO 120+00.00	2,315	-	-
3 (PH 2)	120+00.00 TO 122+40.29	210	-	-
4 (PH 1)	140+59.72 TO 150+00.00	1,203	-	-
4 (PH 2)	137+55.69 TO 150+00.00	1,769	-	-
5 (PH 1)	150+00.00 TO 151+97.18	114	-	-
5 (PH 2)	150+00.00 TO 153+52.33	350	-	-
TOTALS:		21957	538	5060

SUMMARY OF EROSION CONTROL									
C.R.L. STATION TO STATION	TEMPORARY					PERMANENT			
	SILT FENCE 221(C)	SILT DIKE 232(F)	SEEDING METHOD B 232(B)	VEGETATIVE MULCHING 233(A)	* FERTILIZING (10-20-10)	* FERTILIZING (0-46-0)	SOLID SLAB SODDING 230(A)	* FERTILIZING (10-20-10)	* WATERING
MAINLINE									
90+00.00 TO 105+00.00	145	84	1.34	0.67	0.20	0.10	3220	0.33	128.8
105+00.00 TO 120+00.00	1035	511	5.24	2.62	0.79	0.40	12662	1.27	506.5
120+00.00 TO 135+00.00	383	273	9.41	4.71	1.42	0.71	22755	2.28	910.2
135+00.00 TO 150+00.00	405	441	6.13	3.07	0.92	0.46	14824	1.49	593.0
150+00.00 TO 155+85.00	-	21	0.51	0.26	0.08	0.04	1214	0.13	48.6
TOTALS:		1968	1330	22.63	11.33	3.41	54675	5.50	2187.1

* FOR CONTRACTORS INFORMATION ONLY, COST TO BE INCLUDED IN THE PRICE BID FOR OTHER WORK.

DESIGN	RBH	1-16	S.H.-16 OVER CHICKEN CREEK
DRAWN	RBH	4-16	
CHECKED	TAC	5-16	
APPROVED			
SQUAD	SCHEMMER		

SUMMARY SHEET (ROADWAY)

STATE JOB NO. 28858(04) SHEET NO. 7
CREEK COUNTY SH-16