Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	155	R14.0/41.0	16	20

Kamaldeep Kaur 12-20-12
REGISTERED CIVIL ENGINEER DATE

2-4-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER KAMALDEEP KAUR No. C73047 Exp. 12/31/14 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. USE RGJ FOR ALL RCP'S
   USE Std Jt FOR CSP'S
2. CSP SHALL BE MADE OF ONLY GALVANIZED STEEL

ABBREVIATION:

RGJ RUBBER GASKET JOINT

1 DRAINAGE QUANTITIES

LOCATION	DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	STRUCTURE BACKFILL (SLURRY CEMENT)	MINOR CONCRETE (BACKFILL)	REMOVE PIPE	RCP			CSP (.109" THICK)	CONCRETE FLARED END SECTION			STEEL FLARED END SECTION	HMA (TYPE A)	TACK COAT	REMOVE HEADWALL	MINOR CONCRETE (MINOR STRUCTURE)		DESIGN HEIGHT (H)	Misc IRON & STEEL	INLET DEPRESSION	DESCRIPTION	DRAINAGE UNIT	DRAINAGE SYSTEM No.	DRAINAGE SHEET No.
							18"	24"	36"	18"	18"	24"	36"	18"				DRAINAGE INLET	HEADWALLS							
				CY	CY	LF	LF	LF	LF	LF	EA	EA	EA	EA	TON	TON	EA	CY	CY	LF	LB	EA				
16	DP-7	7	a					39							6	0.01								a	7	DP-7
			b		11	39																		b		
			c									1												c		
			d														1						REMOVE HW (6'x1'x2.5') "L" HW H=3'8", L/2=4'3", W=3'4"	d		
			e																1.29		85			e		
17	DP-8	8	a		7			41							6	0.01								a	8	DP-8
			b			41																		b		
			c									1												c		
18	DP-9	9	a	31					56						8	0.01								a	9	DP-9
			b			55																		b		
			c										1											c		
20	DP-10	10	a		7		43								6	0.01								a	10	DP-10
			b			51																		b		
			c								1													c		
21	DP-11	11	a		14			40							5	0.01								a	11	DP-11
			b			40																		b		
			c									1												c		
SUBTOTAL				31	39	226	43	120	56		1	~~2~~ 3	1		31	0.05	1		1.29		85					
DQ-1				87	21	305	60	161	65	9	2	3	2	2	36	0.05	2	3.66		3	423	1				
TOTAL				118	60	531	103	281	121	9	3	~~5~~ 6	3	2	67	0.10	3	4.95			508	1				

1 REVISED PER ADDENDUM No. 1 DATED APRIL 2, 2013

DRAINAGE QUANTITIES

DQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: FRANK GONZALEZ
CALCULATED-DESIGNED BY: LEE XIONG
CHECKED BY: KAMALDEEP KAUR
REVISED BY
DATE REVISED

LAST REVISION 01-30-13
DATE PLOTTED => 29-MAR-2013
TIME PLOTTED => 11:11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	155	R14.0/41.0	18	20

Kamaldeep Kaur 12-20-12
REGISTERED CIVIL ENGINEER DATE

2-4-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
KAMALDEEP KAUR
No. C73047
Exp. 12/31/14
CIVIL
STATE OF CALIFORNIA

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NOTES:

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2. CSP SHALL BE MADE OF ONLY GALVANIZED STEEL

1

SUMMARY OF QUANTITIES

LOCATION	CURED-IN-PLACE PIPELINER 18" LF	24" LF	36" LF	CLEANING, INSPECTING AND PREPARING HOST PIPE CY	CONCRETE INVERT PAVING ~~CY~~ LF	TEMPORARY FIBER ROLL EA	DESCRIPTION
3						50	
5		45		6			
6				66	~~7~~ 71		48" x 71' CMP DOUBLE CULVERTS
7	58			4			
8			77	20			
9	56			4			
10			62	17			
11			40	11			
12			78	20			
15				26	~~3~~ 36		60" x 36' CMP
19				44	~~4~~ 42		72" x 42' CMP
SUBTOTAL	114	45	257	218	~~14~~ 149	50	
TOTAL	114	45	257	218	~~14~~ 149	50	

1 REVISED PER ADDENDUM No. 1 DATED APRIL 2, 2013

SUMMARY OF QUANTITIES

Q-1

REVISED BY | DATE REVISED
LEE XIONG | KAMALDEEP KAUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
FRANK GONZALEZ

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

LAST REVISION 01-30-13 | DATE PLOTTED => 29-MAR-2013 | TIME PLOTTED => 11:11