Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	2, 134	Var	41	83

REGISTERED CIVIL ENGINEER 5-18-15 DATE

6-1-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MOHAMMAD NOSRATI No. 59597 Exp.12/31/15 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.

1

MINOR CONCRETE

SHEET NUMBER	MINOR Conc (MINOR Str)	MINOR Conc (STAMPED Conc)	VEGETATION CONTROL (MINOR Conc)
	CY	SQFT	SQYD
L-1	1.3	10,920	240
L-2	1.3	1,578	560
L-3		6,308	
L-5		2,850	
TOTAL	2.6	21,660	800

Temp WATER POLLUTION CONTROL QUANTITITES

SHEET NUMBER	Temp FIBER ROLL	Temp GRAVEL BAG BERM	Temp DRAINAGE INLET PROTECTION	Temp CONSTRUCTION ENTRANCE
	LF	LF	EA	EA
L-1	100		10	
L-2	100	240	3	
L-3	200		4	
L-4	300	260	2	1
L-5			1	
TOTAL	700	600	20	1

TRAFFIC HANDLING QUANTITIES

SHEET NUMBER	REMOVE PAINTED TRAFFIC STRIPE	4" THERMOPLASTIC TRAFFIC STRIPE	Temp TRAFFIC STRIPE (PAINT)		REMOVE PAINTED PAVEMENT MARKING	THERMOPLASTIC PAVEMENT MARKING	REMOVE THERMOPLASTIC TRAFFIC STRIPE	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	REMOVE PAVEMENT MARKER	PAVEMENT MARKER (RETRORELECTIVE)	Temp TERMINAL SECTION (TYPE K)	CHANNELIZER (SURFACE MOUNTED)	Temp CRASH CUSHION MODULE	Temp RAILING (TYPE K)
			Det 24	Det 27B						(TYPE G)				
	LF	LF	LF	LF	SQFT	SQFT	LF	LF	EA	EA	EA	EA	EA	LF
TH-1			120									36	50	1,840
TH-2	860	860	1,040	800	140	140						33	39	1,860
TH-3			1,010				110	431	20	20		34	42	1,180
TH-4	380	380	50	400	130	130						22	14	200
TH-5												7	14	780
TH-6											1	22	14	560
SUBTOTAL			2,220	1,200										
TOTAL	1,240	1,240	3,420		270	270	110	431	20	20	1	154	174	6,420

ROADWAY QUANTITIES

SHEET NUMBER	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	DOUBLE MIDWEST GUARDRAIL SYSTEM (WOOD POST)	Trans RAILING (TYPE WB-31)	CABLE RAILING	JOINTED PLAIN Conc PAVEMENT	CLASS 3 AGGREGATE BASE	LEAN Conc BASE	CEMENT TREATED PERMEABLE BASE	Conc BARRIER (TYPE 60)	Conc BARRIER (TYPE 60 MODIFIED)	Rdwy Exc (TYPE-Z2) (AERIALLY DEPOSITED LEAD)	SUBGRADE ENHANCEMENT GEOGRID	CHAIN LINK FENCE (TYPE CL-6)	16' CHAIN LINK GATE (TYPE CL-6)
	LF	LF	EA	LF	CY	CY	CY	CY	LF	LF	CY	SQYD	LF	EA
L-1	230	25	2		64	250	30				500		20	1
L-2	810	25	2	170	184	150	100	15	260	10	800	100	20	1
L-3				140	48	150	22				240			
L-4				180	24	130	80	85			220	510		
L-5				390		60					20			
TOTAL	1,040	50	4	880	320	740	232	100	260	10	1,780	610	40	2

SHEET NUMBER	DRILL AND BOND DOWEL	PLACE HOT MIX ASPHALT DIKE (TYPE A)	ADJUST PULL BOX	ROADWAY EXCAVATION	REMOVE CONCRETE BARRIER (TYPE K)	REMOVE AC DIKE	REMOVE METAL RAILING	REMOVE CRASH CUSHION (SAND FILLED)	TREATED WOOD WASTE	REMOVE GUARDRAIL	CRASH CUSHION MODULE, SAND FILLED	MINOR HOT MIX ASPHALT	END ANCHOR ASSEMBLY (TYPE SFT)
	LF	LF	EA	CY	LF	LF	LF	EA	LB	LF	EA	TON	EA
L-1	66	130	4	90		124		11	1,400	140	14	2	
L-2	72	180		170	270	184	42		5,600	690	14	4	2
L-3		186		240		174		11				4	
L-4		140				88						3	
L-5				110									
TOTAL	138	636	4	610	270	570	42	22	8,000	830	28	13	2

1 REPLACED PER ADDENDUM No. 1 DATED SEPTEMBER 2, 2015

SUMMARY OF QUANTITIES
Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

MOHAMMAD NOSRATI — REVISED BY
CHARLES TON — DATE REVISED
CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR
CHARLES TON

LAST REVISION 00-00-00
DATE PLOTTED => 31-AUG-2015
TIME PLOTTED => 13:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	2, 134	Var	47	83

LICENSED LANDSCAPE ARCHITECT

6-1-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT DUC T. TRINH No. 5457 Signature 11-30-15 Renewal Date 03-28-15 Date 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:
UNDERLINED PORTIONS OF BOTANICAL NAME INDICATE ABBREVIATIONS USED ON PLANTING PLANS.

ABBREVIATIONS:
S - SPHAGNUM PEAT MOSS
N - NITROLIZED FIR BARK
V - VERMICULITE
P - PERLITE
TB - TREE BARK
WC - WOOD CHIP
SB - SHREDDED BARK
TT - TREE TRIMMING

PLANTING LEGEND

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH) Dia	HOLE SIZE (INCH) DEPTH	BASIN TYPE	SOIL AMENDMENT TYPE	SOIL AMENDMENT RATE	IRON SULFATE RATE	COMMERCIAL FERTILIZER ① PLANTING	COMMERCIAL FERTILIZER ① PLT ESTB	BASIN MULCH TYPE	BASIN MULCH CY	STAKING	PLANTING LIMITS MINIMUM DISTANCE (ft) FROM ETW	Pvmt	FENCE	WALL	PAVED DITCH	EARTH DITCH	ON CENTER (ft)	REMARKS
A	1		MUHLENBERGIA RIGENS	DEER GRASS	No. 1	300	③	③	II	--	--	--	4 oz	4 oz	WC	0.05 CY	--	--	2	--	--	2	--	3	GRASS

APPLICABLE WHEN CIRCLED:
① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
2 - BASIN MULCH IS INCLUDED WITH MULCH QUANTITIES SHOWN ON PLANTING PLAN
③ - SUFFICIENT TO RECEIVE ROOT BALL AND AMENDMENTS IF REQUIRED
4 - SEE DETAIL
5 - SEE SPECIAL PROVISIONS
6 - SEE STANDARD SPECIFICATIONS
7 - AS SHOWN ON PLANS
8 - UNLESS OTHERWISE SHOWN ON PLANS
9 - FOLIAGE PROTECTOR REQUIRED
10 - ROOT PROTECTOR REQUIRED
11 - ROOT BARRIER REQUIRED
12 - DEPARTMENT-FURNISHED

LEGEND:
- RC — ROADSIDE CLEARING Exist PLANTS TO REMAIN (REMOVE ALL DEAD AND DYING PLANT AND TREE STUMP)
- CLEARING AND GRUBBING (REMOVE TREES AS NOTED)
- MULCH
- EROSION CONTROL TYPE 1
- Exist ROCK BLANKET, REMAIN IN PLACE
- TO — RELOCATE ROCK BLANKET
- FROM — RELOCATE ROCK BLANKET

SEED MIX

SEED	BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX 1	NASSELLA (STIPA) PULCHRA [1] (PURPLE NEEDLEGRASS)	35	6
	FESTUCA RUBRA MOLATE [1] (MOLATE FESCUE)	40	8
	POA SECUNDA (SCABRELLA) [1] (PINE BLUEGRASS)	40	2
	MUHLENBERGIA RIGEN [1] (DEER GRASS)	60	8

[1] SEED PRODUCED IN CALIFORNIA ONLY.

QUANTITIES

SHEET NUMBER	WOOD MULCH (WOOD CHIP)	RELOCATE ROCK BLANKET	PLANT (GROUP A)
	CY	SQFT	EA
PP-1	307		
PP-2	526		300
PP-3	345		
PP-4	564	3260	
PP-5	255		
TOTAL	1997	3260	300

EROSION CONTROL TYPE 1

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	COMPOST	COMPOST	MEDIUM	130 LB/ACRE
STEP 2	HYDROSEED	SEED	MIX 1	24 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 3	HYDROMULCH	FIBER	WOOD	1500 LB/ACRE
		TACKIFIER	GUAR	125 LB/ACRE

EROSION CONTROL QUANTITIES

SHEET	DESCRIPTION	COMPOST	HYDROSEED	HYDROMULCH
		SQFT	SQFT	SQFT
PP-2	EC TYPE 1	13,000	13,000	13,000
PP-3	EC TYPE 1	850	850	850
PP-4	EC TYPE 1	36,500	36,500	36,500
	TOTAL	~~48,500~~ 50,350	~~48,500~~ 50,350	~~48,500~~ 50,350

1

1 REPLACED PER ADDENDUM No. 1 DATED SEPTEMBER 2, 2015

PLANT LEGEND
PL-1

REVISED BY | DATE REVISED
DUC T TRINH | PATTY WATANABE
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT | PATTY WATANABE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 31-AUG-2015 TIME PLOTTED => 13:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	2, 134	Var	46	83

LICENSED LANDSCAPE ARCHITECT

6-1-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT DUC T. TRINH No. 5457 Signature 11-30-15 Renewal Date 03-28-15 Date STATE OF CALIFORNIA

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SUBTOTALS PER PLAN SHEET ON MAIN SUPPLY SIDE OF CONTROL VALVE

DESCRIPTION			UNIT	SHEET NUMBER IP-1	IP-2	SUBTOTALS
BPA		ENCLOSURE	EA	2		
BOOSTER PUMP						
IRRIGATION CONTROLLER		12 STATION	EA	1		
		24 STATION	EA		1	
		STATION				
	CEC	SINGLE	EA	1	1	
		DOUBLE				
VALVES AND ASSEMBLIES	RCVM					
	RCV	1"	EA	1		
		1½"	EA	1		
	GV	1½"	EA	1		
	BV					
	FS	3 "	EA	1	1	
	FAU					
CONDUIT	CSP					
	WSP					
PLASTIC PIPE SUPPLY LINE	SCHEDULE 40	¾ INCH	LF	300		
		1 INCH	LF	10		
		1¼ INCH				
		1½ INCH	LF	150		
	PR 315	2 INCH				
		2½ INCH				
		3 INCH				
		4 INCH				
	GSP					
	DIP					

TOTAL QUANTITIES

TOTALS	UNIT	DESCRIPTION		
2	EA	ENCLOSURE		BPA
		BOOSTER PUMP		
1	EA	STATION 16		IRRIGATION CONTROLLER
1	EA	STATION 24		
		STATION		
1 2	EA	SINGLE	CEC	
		DOUBLE		
			RCVM	VALVES AND ASSEMBLIES
1	EA	1"	RCV	
1	EA	1½"		
1	EA	1½"	GV	
			BV	
2	EA	3"	FS	
			FAU	
			CSP	CONDUIT
			WSP	
300	LF	¾ INCH	SCHEDULE 40	PLASTIC PIPE SUPPLY LINE
10	LF	1 INCH		
		1¼ INCH		
150	LF	1½ INCH		
		2 INCH		
		2½ INCH		
		3 INCH		
		2 INCH	PR 315	
		2½ INCH		
		3 INCH		
		4 INCH		
			GSP	
			DIP	
10	EA	D-10		SPRINKLER TYPE

1 REPLACED PER ADDENDUM No. 1 DATED SEPTEMBER 2, 2015

IRRIGATION QUANTITIES
IQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE
CALCULATED-DESIGNED BY: DUC T TRINH
CHECKED BY: PATTY WATANABE
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 31-AUG-2015
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