i

						Cash Flow Estimate				
Summary of Costs		2013	2014	2015	2016	2017 2018	2019	2020	2021	2022
								44.000.000	44.000.000	11 000 000
Public Streets \$	128,100,000	\$ 100,000 \$	600,000	\$ 23,500,000 \$	23,500,000 \$	23,500,000 \$ 11,380,000	\$ 11,380,000 \$	11,380,000 \$	11,380,000 \$	11,380,000
Public Streets (Citywide) \$	19,300,000	- \$	200,000	\$ 3,200,000 \$	3,200,000 \$	3,200,000 \$ 1,900,000	\$ 1,900,000 \$	1,900,000 \$	1,900,000 \$	1,900,000
Non-Vehicular Circulation (Trails) \$	4,500,000	; - \$	80,000	\$ 700,000 \$	700,000 \$	700,000 \$ 500,000	\$ 500,000 \$	500,000 \$	500,000 \$	320,000
Theodore Interchange \$	50,200,000	s 900,000 \$	900,000	\$ 900,000 \$	900,000 \$	900,000 \$ 22,850,000	\$ 22,850,000 \$	- \$	- \$	-
SR-60 (Within City Limits) \$	8,500,000	; 200,000 \$	2,250,000	\$ 2,250,000 \$	2,250,000 \$	2,250,000 \$ (100,000)	\$ (100,000) \$	(100,000) \$	(100,000) \$	(300,000)
Public Facilities (Fire/Police) \$	9,000,000	; - \$	100,000	\$ 3,000,000 \$	3,000,000 \$	2,900,000 \$ -	\$ - \$	- \$	- \$	-
Sound Walls \$	3,000,000	; - <b>\$</b>	-	\$ 500,000 \$	500,000 \$	500,000 \$ 375,000	\$ 375,000 \$	375,000 \$	375,000 \$	
Drainage		•								
City \$	15,900,000			\$ 4,100,000 \$	111001000 0	4,100,000 \$ 700,000			700,000 \$	450,000
RCFC \$	66,000,000					17,200,000 \$ 2,700,000				2,800,000
\$	81,900,000	\$ 400,000 \$	750,000	\$ 21,300,000 \$	21,300,000 \$	21,300,000 \$ 3,400,000	\$ 3,400,000 \$	3,400,000 \$	3,400,000 \$	3,250,000
EMWD Facilities										
Sewer \$	14,700,000	50,000 s	150,000	\$ 2,100,000 <b>\$</b>	2,100,000 \$	2,100,000 \$ 1,600,000	\$    1,600,000  \$	1,600,000 \$	1,600,000 \$	1,800,000
Water \$	40,500,000	5 150,000 \$	300,000	\$ 9,200,000 \$	9,200,000 \$	9,200,000 \$ 2,500,000	\$ 2,500,000 \$	2,500,000 \$	2,500,000 \$	2,450,000
Recycled Water \$	9,600,000	50,000 \$	150,000	\$ 2,300,000 \$	2,300,000 \$	2,300,000 \$ 500,000	\$	500,000 \$	500,000 \$	500,000
Upsizing Allowance (30%) \$	19,440,000	5 - 5	-	\$ 4,100,000 \$	4,100,000 \$	4,100,000 \$ 1,400,000	\$ 1,400,000 \$	1,400,000 \$	1,400,000 \$	1,540,000
\$	64,800,000	\$ 250,000 \$	600,000	\$ 13,600,000 \$	13,600,000 \$	13,600,000 \$ 4,600,000	\$ 4,600,000 \$	4,600,000 \$	4,600,000 \$	4,750,000
Electric Utilities MVU Facilities \$	51,100,000	50 000 <b>*</b>	250.000	\$ 8,900,000 \$	0.000.000 <b>*</b>	8 000 000 6 4 800 000	\$ 4,800,000 \$	4 000 000 6	4.000.000 E	4 000 000
SCE Undergrounding/Relocations \$	51,100,000 10,600,000		250,000 50,000	• • • • • • •	8,900,000 \$ 1,800,000 \$	8,900,000 \$ 4,800,000 1,800,000 \$ 1,100,000			4,800,000 \$	4,900,000 750,000
			and the second se	Contract on the second s	the second s	and the second	and the second se		and the second s	
\$	61,700,000	50,000 \$	300,000	\$ 10,700,000 \$	10,700,000 \$	10,700,000 \$ 5,900,000	\$ 5,900,000 \$	5,900,000 \$	5,900,000 \$	5,650,000
Other Utilities										
SDG&E/SCG Relocations \$	14,400,000	\$ 100,000 <b>\$</b>	200,000	\$ 4,200,000 \$	4,200,000 \$	4,200,000 \$ 300,000	\$ 300,000 \$	300,000 \$	300,000 \$	300,000
Questar (Gas) \$		s - \$	-		- \$	- \$ 800,000		800,000 \$	800,000 \$	600,000
\$	18,200,000		200,000	\$ 4,200,000 \$	4,200,000 \$	4,200,000 \$ 1,100,000		1,100,000 \$	1,100,000 \$	900,000
Public Infrastructure Costs \$	486,840,000	\$    2,100,000  \$	6,180,000	\$ 92,150,000 \$	92,150,000 \$	92,050,000 \$ 54,405,000	\$ 5,4,405,000 \$	31,555,000 \$	31,555,000 \$	30,290,000

.

.

## Summary of Costs

Public Streets	\$ 128,100,000
Public Streets (Citywide)	\$ 19,300,000
Non-Vehicular Circulation (Trails)	\$ 4,500,000
Theodore Interchange	\$ 50,200,000
SR-60 (Within City Limits)	\$ 8,500,000
Public Facilities (Fire/Police)	\$ 9,000,000
Sound Walls	\$ 3,000,000
Drainage	
City	\$ 15,900,000
RCFC	\$ 66,000,000
	\$ 81,900,000
EMWD Facilities	
Sewer	\$ 14,700,000
Water	\$ 40,500,000
Recycled Water	\$ 9,600,000
Upsizing Allowance (30%)	\$ 19,440,000
	\$ 64,800,000
Electric Utilities	
MVU Facilities	\$ 51,100,000
SCE Undergrounding/Relocations	\$ 10,600,000
	\$ 61,700,000
Other Utilities	
SDG&E/SCG Relocations	\$ 14,400,000
Questar (Gas)	\$ 3,800,000
	\$ 18,200,000
Public Infrastructure Costs	\$ 486,840,000

-

	Att Description To a state to the state of the					
Streets	1" AC Cap	SF	4,787,500	0.45		2,154,375
	6" Asphalt Berm	LF	3,300	3.20		10,560
	6"AC/12"AB	Ş₽	91,500	4.15		379,725
	6"AC/14"AB	SF	652,900	4.90	\$	3,199,210
	6"AC/20"AB	SF	3,544,400	5.60	\$	19,848,640
	AC Removal	SF	590,200	1.45	\$	855,790
	Street Finish	SF	4,787,500	0,10		478,750
	Final Striping	SF	4,787,500	0.05		239,375
	Fog Seal	SF	4,787,500	\$ 0.05	\$	239,375
	Grinding	SF	554,500	1.45		804,025
	Import	CY	205,000	\$ 9.75	\$	1,998,750
,	Interim Striping	SF	4,787,500	\$ 0.05		239,375
•	Mobilization	LS	8	\$ 92,625.00	\$	741,000
	Redwood Header or thickened edge	LF	46,100	\$ 8.40	\$	387,240
	Regulatory Signs	Ea	245	538.20		131,859
	Saw cut	LF	31,000	\$ 2.10	\$	65,100
	Sturry Seal	SF	3,073,700	\$ 0.50		1,536,850
	Street Lights - Single Arm 22000 lumen (includes conduit, wire, poles, etc.)	Ea	536	\$ 7,020,00	\$	3,762,720
	Street Name Signs	Éa	44	\$ 594.10	\$	26,140
	Sub-Grade Prep	SF	4,787,500	\$ 0.25	\$	1,196,875
	SWPPP Compliance	SF	4,787,500	\$ 0,70	\$	3,344,357
	Traffic Control	SF	2,466,900	\$ 0,35	\$	858,885
	Traffic Signal Full	Ea	7	\$ 379,600.00	\$	2,657,200
	Traffic Warning Signs	Ea	27	\$ 349,70	\$	9,279
	Extended Landscape Maintenance (90 days)	SF	693,477	\$ 0.10	\$	69,348
	Median Landscaping	SF	364,700	\$ 4.85		1,768,795
	Parkway Landscaping	SF	269,000	6.45	\$	1,735,050
· ·	Roadway Excavation	CY	328,777	\$ 29.00	\$	9,534,521
	· · · · · · · · · · · · · · · · · · ·				Ś	58,273,169

Concrete	Alt Description 47. Alt Descriptin 47. Alt Description 47. Alt Description 47. Alt Des	SF	688,000		3.45		2,373,600
	8" Curb/Gutter	LF	35,700		19.00	\$	678,300
	Bus Bay w/Curb	LF	9,700		6,45	\$	62,565
	Handicapped Ramp	Ea	123	\$	1,690.00	\$	207,870
	Local Depressions	Ea	50	\$	1,560.00	S	124,800
	Mobilization	· LS	7	\$	16,000.00	\$	112,000
	Roundabout truck apron	SF	37,400	\$	22.35	\$	835,890
	Special Curb - I ( mow strip)	LF	41,500	\$	6,50	\$	269,750
	Special Curb - I (8" median curb)	LF	41,500	\$	8.50	\$	352,750
	Special Curb - II (0" Curb Face)	LF	82,300	\$	8.50	\$	699,550
	Special Paving - I (Roundabout)	SF	156,400	\$	6.85	\$	1,071,340
	Sub-grade prep. Concrete	SF	1,381,100	\$	0.35	\$	483,385
•	Truck Turnout (6 Trucks)	Ea	19	·\$	69,000.00	\$	1,311,000
						\$	8,582,500
			Total				66,855,969

,

Soft Costs		
Design (6.25%)	\$	4,178,498
Field Support (6,25%)	\$	4,178,498
Plan Check and Inspection Fees (6%)	\$	4,011,358
Reprographics (10% of Design)	\$	417,850
	s	12,786,204
Administration (4%)	\$	3,155,687
Soft Cost Total	\$	
Means and Methods		
General Condition (1.5%)	5	1,002,840
Fee (4%)	. \$	2,674,239
Insurance (0.75%)	- \$	501,420
Permits (1.5%)	\$	1,002,840
Bonds(1.5%)	5	1,002,840
	\$	6,184,177

Sub-Total		\$ 89,012,037
Value of Right of Way (\$5 per SF)	4,253,391 SF	\$ 21,266,955
Contingency @20%		\$ 17,802,407
Grand Total for Public Streets		\$ 128,081,400

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc., Permits included allowance for MSHCP, KRAT, etc.

treets	LOS Defidencies - Roadways - Caclus Ave.Redlands Blvd/Street D	LS	1	15	810,000	\$ 810,000
	LOS Deficiencies - Roadways - Gilman Springs RoadAlessandro Blvd/Bridge Stre	LS	1	\$	1,755,000	\$ 1,755,000
	LOS Deficiencies - Roadways - Gilman Springs RoadSR-60/Alessandro Blvd	LS	1	\$	5,760,000	\$ 5,760,000
	LOS Deficiencies - Roadways - Redlands BlvdSR-60 EB Ramps/Eucalyptus	LS	1	\$	825,000	\$ 825,000
	LOS Deficiencies - Roadways - Theodore StreetSR60 WB Ramps/Ironwood	LS	1	\$	540,000	\$ 540,000
	Intersections - Kitching St/ Iris Ave.Add 2nd WBL, 3rd EBT, Widen NB, Reconfigur	LS	1	\$	960,000	\$ 960,000
	Intersections - Kitching St/ Krameria Ave.Add 2nd EBR/	LS	1	\$	300,000	\$ 300,000
	Intersections - Martin Luther King Blvd/I-215 NB RampsAdd 2nd NBR/	LS	1	\$	90,000	\$ 90,000
	Intersections - Moreno Beach Dr/John Kennedy DrAdd 2nd WBL/	LS	1	\$	1,050,000	\$ 1,050,000
						\$ 12,090,000
			Total			\$ 12.090.000

Soft Costs	
Design (6.25%)	\$ 755,625
Field Support (6.25%)	\$ 755,625
Pian Check and Inspection Fees (6%)	\$ 725,400
Reprographics (10% of Design)	\$ 75,563
	\$ 2,312,213
Administration (4%)	\$ 576,089
Soft Cost Total	\$ 2,888,301
Means and Methods	
General Condition (1.5%)	\$ 181,350
Fee (4%)	\$ 483,600
Insurance (0.75%)	\$ 90,675
Permits (1.5%)	\$ 181,350
Bonds(1.5%)	\$ 181,350
	\$ 1,118,325
Sub-Total	\$ 16,096,626
Contingency @20%	\$ 3,219,325
Grand Total for Public Streets (City Wide)	\$ 19,315,951

<u>Notes:</u> Field Support Includes staking, geotechnical, biologist, etc.. Permits Included allowance for MSHCP, KRAT, etc..

Frails / Parks	10' DG Trail 6" Thick	SF	321,000	\$ 925,500
	6"x6" Concrete Mow Curb along Trail Fencing	LF	37,600	\$ 404,200
	DeAnza Trail Signage	LS	5,000	\$ 5,000
	5 Ac. Agricultural Heritage Park	LS	1,000,000	\$ 1,000,000
	PVC Trail Fending	LF	37,600	\$ 485,040
	Trail Signage	Ea	10	\$ 2,690

	Soft Costs
\$ 176,402	\$ Design (6.25%)
\$ 176,402	\$ Field Support (6.25%)
\$ 169,346	\$ Plan Check and Inspection Fees (6%)
\$ 17,640	\$ Reprographics (10% of Design)
\$ 539,790	\$
\$ 134,489	\$ Administration (4%)
\$ 674,279	Soft Cost Total
	Means and Methods
\$ 42,336	\$ General Condition (1.5%)
\$ 112,897	. Fee (4%)
\$ 21,158	\$ Insurance (0.75%)
\$ 42,336	Permits (1.5%)
\$ 42,336	Bonds(1,5%)
\$ 261,075	\$ •
\$ 3,757,783	\$ Sub-Total
\$ 751,557	\$ Contingency @20%
\$ 4,509,340	Grand Total for Non-Vehicular Circulation

<u>Notes:</u> Fleid Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

alegory (*** )	All Description and a second	atunita	Sum of Quantity	9.P	Unit Brice US	246	SCT of a Part Server,
	Freeway Ramps - SR-60 - EBOff-Ramp to Moreno Beach/Increase decel 500ft L	S	1	\$	509,000	\$	509,000
	Freeway Ramps - SR-60 - EBOff-Ramp to Nason St/Increase decel 500ft	S	1	\$	635,000		635,000
	Freeway Ramps - SR-60 - EBOn-Ramp from Nason St/Increase accel 400ft	S	1	\$	509,000		509,000
	Freeway Ramps - SR-60 - EBOn-Ramp from Perris Blvd/Increase accel 500ft	.s	1 1	\$	635,000	\$	635,000
	Freeway Ramps - SR-60 - WB Direction on-ramp from Redlands/Add 1 mixed flowL		1	\$	990,000	Ş	990,000
	Freeway Ramps - SR-60 - WBLcop on-ramp from Redlands/Add 1 mixed flow land		1	\$	990,000		990,000
		S		\$	568,000		588,00
	Freeway Ramps - SR-60 - WBOn-Ramp from Theodore St/Increase accel 850ft	S	1	S	441,000	\$	441,00
			Total			\$	5,297,000
			Soft Costs				
			Design (6.25%)			\$	331,06
		Fiel	d Support (6.25%)			\$	331,06
	Plan Check a		pection Fees (6%)			\$	317,82
			s (10% of Design)			\$	33,10
		• •	•			\$	1,013,05
	•	A	dministration (4%)			Ś	252,40
			Soft Cost Total			\$	1,265,45
		M	leans and Methods				
		Genera	I Condition (1.5%)			\$	79,45
			Fee (4%)			\$	211,88
		1	Insurance (0.75%)			\$	39,72
			Permits (1.5%)			\$	79,45
			Bonds(1,5%)			\$	79,45
						\$	489,97
			Sub-Total			\$	7,052,42
		Ço	ntingency @20%			\$	1,410,48
	Grand Total for					\$	8,462,91

.

<u>Notes:</u> Field Support Includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

.

35,134,430	35,134,430 \$	1 \$	LS	Theodore Interchange
35,134,430	\$	Total		
		Soft Costs		
2,195,902	\$	Design (6.25%)		
2,195,902	\$	Support (6.25%)	Field	
2,108,066	\$		Plan Check and Inspe	
219,590	\$	(10% of Design)	Reprographics	
6,719,460	\$			
	\$	ninistration (4%)	Adr	
6,719,460	\$	Soft Cost Total		
41,853,890	\$	Sub-Total		
8,370,778	\$	lingency @20%	Gont	
50,224,668	\$	Interchange	Grand Total for Theodore	

<u>Notes:</u> Field Support Includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc.,

ire and Police	Fire Station Equipment Allowance	LS	-1	\$	500,000	\$	500,000
	Fire Station Site	LS	1	\$	5,000,000	\$	5,000,000
	Police Station	LS	1	\$	2,000,000	\$	2,000,000
	n.		Total				
			Sub-Total			\$	7,500,00
		Contin	gency @20%			\$	1,500,000
		Grand Total for Publi	c Facilities			\$	9,000,000

\*Unit prices for Fire and Police Station Included soft costs, means and methods

.

2

.

.

.

	All Description to the second s	科尔Unit著	Sum of Quantity	in n	Constitution and a second
inage (City)	8" PVC Perforeted Subdrain	LF	26,900		586,42
	Access/Maintenance Roads	SF	2,500		6,37
	Adjust Manholes - Final	Ea	141	\$	76,80
	Adjust Manholes - Interim	Ea	141	1\$	76,80
	CB - type II, w=14'	Ea	23		209.30
	Concrete Spreading Spillway	LE	9,100		2,354,17
	Concrete V-Ditch - 10' wide	LF	2,500		160.75
	Construct Curb Inlet Catch Basin per RCFCD Std, Dwg, CB100. W = 7	Ea	125		931.84
	Construct Curb Inlet Catch Basin per RCFCD Std, Dwg, CB100, W = 1	Ea	14		60,06
	Construct Curb Intel Calcin Basia per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227, (36"/24")	Ea		\$	17,55
	Construct Manhole #1 per RCFCD Std. Dwg. MH251. (36" max)	Ea	37		250,12
	Construct PCC Collar per APWA Std. Dwg. 380-3, (24")	Ea		\$	97
	Construct PCC Collar per APWA Std. Dwg. 360-3. (36")	Ea		\$	1,25
	Construct wingwall per Cal Trans Std. Dwg. D86b (36" RCP)[b]	Ea	1		12,61
	Construct wingwall per Cal Trans Std. Dwg. D86b, (24" RCP)[a]	Ea	2		21,06
	Construct wingwall per Cal Trans Std. Dwg. D89	Ea	1	\$	9,10
	Downstream Channel Improvements	LS	12	\$	2,340,00
	Fencing	LF	3,500	\$	73,50
	Fumish and Instali PCC Bulkhead per RCFCD Std. Dwg. M816. (24")	Ea	1		83
	Furnish and Install PCC Bulkhead per RCFCD Std. Dwg. M816. (36")	Ea	13		10,90
	Gates	Ea	3		42,90
	Join Existing - 24"	Ea	12		84,24
	Mobilization	ĻS	8		778,0
	RCP - 18"	LF	4,000		377,20
	RCP - 24"	LF	16,000	\$	1,162,4
	RCP - 36"	LF	23,400	\$	2,354,0
	Remove and Dispose Existing Line F Headwail	LS	25,000	\$	25,0
	SWPPP Compliance	LF	99,000		69,3
	Traffic Control	LF	79,300		186,35
	Trash Rack	Ea	3		21,00
	Un-Grouted Rip-Rap	Ton	10	\$	
		11-11	¥	Ś	10,339,23
	AntiDescription/stransformation-to-schemersalation-decommendations and state	a sonin	Sum of Quantity	5 1231	1. M. TOBLES
	An Description Association and the second seco	ង ផលាក LF	Slim of Quantity 300	5 1827 15	203,11 203,11
	An Description States of States and Stat	និសាក LF LF	Slim of Quantity 300 700	5 82 5 5	2.534(0.76181)29537 203,19 679,77
	AniDescription water of the second se	SONIS LF LF LF	Slim of Quantity 300 700 100	5 5 5 5	2.5347.761818.557 203,11 679,77 111,50
	An Description Andreas Andr	SADAIR LF LF LF LF	Sum of Quantity 300 700 100 10,300	\$ \$ \$ \$ \$ \$ \$ \$ \$	203,11 203,11 679,7 111,60 11,756,42
	AnDescription star 23 Tests and 4 Sector 2 Secto	ADNIN LF LF LF LF LF	Stim of Quantity 300 700 100 10,300 2,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	203,11 203,11 679,7 111,60 11,756,42 852,60
	AniDescription/sciencity/fistactorics/science/	SONIS LF LF LF LF LF LF LF	Sum of Quantity 300 700 100 10,300 2,000 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	203,11 203,11 679,77 111,80 111,756,42 652,50 94,34
	AttiDescription         AttiDescription           10" x 5" Single RCB         10" x 7" Single RCB           10" x 6" Single RCB         12" x 8" Single RCB           12" x 3" Double RCB         4" x 3" Double RCB           4" x 3" Double RCB         4" x 3" Double RCB	SONIS LF LF LF LF LF LF LF LF	Slim of Quantity 300 700 100 10,300 2,000 300 400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2 304 TOTELLESS P 203,11 679,7 111,8 11,756,42 852,64 94,34 184,64
	AntDescription         AntDescription           10" x 5" Single RCB         10" x 5" Single RCB           10" x 6" Single RCB         10" x 6" Single RCB           12" x 6" Single RCB         4" x 3" Couble RCB           4" x 3" Single RCB         4" x 3" Couble RCB           7" x 3" Single RCB         7" x 3" Single RCB           7" x 3" Single RCB         7" x 3" Single RCB	330408 LF LF LF LF LF LF LF LF	Sum of Quantity 300 100 10,300 2,000 300 400 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.345 TGIBILS SP 203,11 679,7 111,56,42 852,86 94,34 184,64 104,9
	AntiDescription/security and a second	SONIS LF LF LF LF LF LF LF LF	Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.5345 TOTAL&S.S.P. 203,11 679,7 111,84 11,756,42 852,84 94,33 184,64 104,9 1,772,25
	All Description set with the set of the set	SOUNT LF LF LF LF LF LF LF LF LF LF LF LF	Sum of Quantity 300 100 10,300 2,000 300 400 300	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.345 TGIBILS 327 203,11 679,7 111,86 11,756,43 852,64 94,33 184,64 104,97 1,772,22 62,44
	AntiDescription/security and a second	SOUNT LF LF LF LF LF LF LF LF LF LF LF LF	Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000	****	2.345 TGIBILS 327 203,11 679,7 111,86 11,756,43 852,64 94,33 184,64 104,97 1,772,22 62,44
	All Description set with the set of the set	BONIS LF LF LF LF LF LF LF LF SF Ea Ea	Slim of Quantity 300 700 100 2,000 2,000 300 400 300 695,000 2	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4.341 Total 203,11 203,11 679,7 111,8 11,759,42 852,84 94,33 184,64 104,9 1,772,22 62,44 114,44
	AntiDescription/security/fister.action/securi	8 2001(%) LF LF LF LF LF LF LF SF Ea Ea Ea Ea	SUM of Quantity 300 700 10,300 2,000 300 300 400 300 695,000 2 4 4 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.334.776121(55,52) 203,11 679,7 1111,84 111,756,44 852,64 94,34 184,66 104,59 1,772,22 62,44 114,44 35,10
	AntiDescription/seteral viterics/inclusion/seteral viterials/inclusion/seteral viterials/inclusion/seter	SOULIN       LF       LF       LF       LF       LF       Ea       Ea       Ea	SUM of QUALETYS 300 700 100 10,300 2,000 300 300 300 695,000 2 4 4 1 1 22	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.33: TGIBIERS P 203,11 679,7 111,8 11,755,42 852,84 94,33 184,64 104,9 1,772,22 62,44 114,44 35,11 94,32
	AttiDescription/sate/clt/fise/carte/fise/fise/fise/fise/fise/fise/fise/fis	8 30000 UF UF UF UF UF UF UF UF Ea Ea Ea Ea Ea Ea	Silm of Odiantity8 300 10,000 2,000 300 300 695,000 2 4 4 1 22 2 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.761a(FS372 203,11 679,7, 111,64 11,759,44 852,64 94,34 184,66 104,99 1,772,22 62,44 114,44 135,11 94,33 23,44
	All Description server strengthere and server assignment as a server assignment of the server as the server as the server assignment of the server as the server assignment of the server as the server assignment of the serve	SONIA LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea	Sum of Quantity 300 700 10,000 2,000 300 400 695,000 2 4 4 1 1 222 4 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.134.76ht/ks.37 203,11 679,7 111,8 11,756,4 852,6 94,3 184,60 104,9 1,772,2 62,4 184,60 104,9 1,772,2 62,4 114,4 (114,4) 35,10 94,33 23,4 4 35,10
	AntiDescription/served vitre/content/content/served	BUHIN LF LF LF LF LF LF LF LF LF LF LF LF LF	Stim of Quantity 300 100 10,300 2,000 300 300 695,000 2 4 4 1 1 22 4 4 5 5 36 36 36 36 36	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.7618(ES3.8 203,11 679,7 111,8 11,756,4 852,8 94,34 104,9 10,9 10,9 10,9 10,9 10,9 10,9 10,9 10
	AttiDescription/sate/city/fishcomb.4c/market/size/assessessessessessessessessessessessesse	BONNIA LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Silm of Odiantity8 300 10,000 2,000 300 300 695,000 2 4 4 1 22 4 6 6 36 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.761a)(FS37) 203,11 679,7 111,64 11,756,42 852,64 94,34 164,64 104,29 1,772,22 4,62,44 114,44 114,44 114,44 35,11 94,33,42 23,44 23,44 23,44 23,64
	All Description Status View And All Status Access Status Access Advances Access Advances Access Advances Advanc	A BOHIN LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	SUM of QUENELYS 300 700 10,000 2,000 300 695,000 4 1 22 4 6 36 36 7 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.134: Téhelkess P 203,11 679,7 111,8 11,756,4 94,33 184,60 104,9 1,772,2 62,44 114,40 35,10 35,10 35,10 121,66 23,60 23,20 20,20 20,20
	AntiDescription/server/stransform-Accession/Proceedings and an anti- 10" x 5" Single RCB 10" x 5" Single RCB 10" x 3" Single RCB 12" x 3" Single RCB 4" x 3" Double RCB 7" x 3" Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10"x7" RCB Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10"x7" RCB Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10"x7" RCB Construct Duct Intel Carker Basin per RCFCD Std. Dwg. C8110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (10"x7" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12"x8" ACB Construct Junction Structure #3 per RCFCD Std. Dwg. JS288. (12"x8" ACB Cons	BONIA UF UF UF UF UF UF UF UF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Sim of Quantitys 300 700 10,300 2,000 300 300 695,000 2 4 4 1 1 22 4 4 4 6 35 7 7 6 6 2 2 4 4 1 22 4 4 7 7 6 6 2 2 2 4 4 2 2 4 4 7 7 6 6 7 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.761a(ES.27) 203,1 799,7 111,8 11,756,4 652,9 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 194,3 23,4 35,1 121,6 23,6 20,2 6,7 7
	AttiDescription/selectivestation and an analysis of the second selection of the second second selection of the second s	8 3001(13 LF LF LF LF LF LF LF LF LF LF	Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 4 1 1 222 4 4 35 7 7 6 6 2 2 4 4 4 4 4 6 7 7 6 6 2 2 4 4 4 4 4 6 7 6 9 6 9 6 9 6 9 6 9 6 7 0 0 7 0 0 7 0 0 10,000 7 0 0 0 2,000 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	C.334.TGIal(ES), 203,1: 679,7: 1111,8: 11,756,4: 652,6: 944,3: 144,6: 104,9: 1,772,2: 62,4: 114,4: 114,4: 114,4: 114,4: 114,4: 114,3: 11,9: 12,6: 23,2: 23,4: 24,5
	AntiDescription/server/stream and an anti-account for a server and and anti-account for a server and a server and and a server and a server and a server a server and a serv	8 2011(8) LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 4 1 1 222 4 4 35 7 7 6 6 2 2 4 4 4 4 4 6 7 7 6 6 2 2 4 4 4 4 4 6 7 6 9 6 9 6 9 6 9 6 9 6 7 0 0 7 0 0 7 0 0 10,000 7 0 0 0 2,000 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.334.7618(ES3.87 203,11 679,7 111,8 11,756,45 94,34 104,69 100,69 100,6
	AttiDescription/selectivestation and an analysis of the second selection of the second second selection of the second s	8 3001(13 LF LF LF LF LF LF LF LF LF LF	SUM of QUANETYS 300 700 10,300 2,000 300 300 695,000 2 4 4 1 22 4 6 35 7 6 2 4 4 6 35 7 6 2 4 4 1 22 4 4 6 35 7 6 2 4 4 1 2 2 4 4 1 2 2 4 4 4 6 35 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.334.7618(ES3.87 203,11 679,7 111,8 11,756,45 94,34 104,69 100,69 100,6
	AntiDescription/server/stream and an anti-account for a server and and anti-account for a server and a server and and a server and a server and a server a server and a serv	8 2011(8) LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Silm of Quantity 3 300 700 10,300 2,000 300 300 300 695,000 2 4 4 1 1 22 4 4 35 7 6 6 2 4 4 4 1 22 4 4 4 1 22 4 4 1 22 4 4 35 7 7 6 6 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.76ht/ES3P 203,11 679,7 111,8 11,756,4 852,6 94,34 104,9 104,9 1,772,2 62,4 114,4 114,4 135,11 94,33 23,44 35,11 121,6 23,6 23,6 23,6 23,6 23,6 23,6 23,6 23
	All Description Status View Annu Alexand Alexand Status Alexand Alexan	A BONIA LF LF LF LF LF LF LF Ba Ba Ba Ba Ba Ba Ba Ba Ba Ba	SUM of QUANERYS 300 700 10,000 2,000 300 695,000 4 1 22 4 4 1 22 4 6 36 7 6 2 4 4 1 22 4 4 1 22 4 4 1 22 4 6 36 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	C.134: TCHELESS D 203,11 679,7 1111,8 11,756,42 94,31 184,69 104,9 1,772,22 62,44 114,44 35,10 104,9 1,772,22 62,44 35,10 23,66 20,22 6,77 13,55 3,33 3,31 6,77 1,75 1,7
	AntiDescription/served vitre/contexture/active/acti	A BOURS LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	SIM of Quantitys 300 700 10,300 2,000 300 300 695,000 2 4 4 1 22 4 6 35 7 6 2 4 4 1 22 4 1 1 2 7 3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.76ht[ES3P 203,11 679,7 111,8 11,756,4 852,6 94,34 184,6 10,6 104,6 10,6 10,6 10,6 10,6 10,6 10,6
	AttiDescription/selectivestation and an analysis of the second selection of the second second selection of the second secon	A SOLUA LF LF LF LF LF LF SF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Sum of Quantitys 300 700 10,300 2,000 300 695,000 2 4 4 1 222 4 4 1 222 4 4 1 222 4 4 1 222 4 4 1 222 4 4 1 222 4 4 355 700 10,300 10,300 10,300 10,300 10,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.76ht[ES3P 203,11 679,7 111,6 11,756,4 852,6 94,34 164,64 104,9 1,772,2 6,7 6,7 1,2 3,4 1,1 2,3,6 7,7 1,3 5,1 1,2 1,6 2,3,4 1,1 2,3,6 1,2 2,5 1,2 2,5 2,5 1,2 2,5 2,5 1,2 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2
	AttiDescription/selectivescond	SOLUN UF UF UF UF UF UF UF UF UF UF	SUM of QUANERYS 300 700 10,300 2,000 300 300 300 695,000 2 4 4 1 22 4 4 6 6 35 7 7 6 2 4 4 1 1 2 7 3 5 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.34.7618(ES),2 203,11 679,7 111,8 11,756,4 94,3 164,6 10,
	AntiDescription/served vitrence and a server assistance account and a server assistance account and a server a	8 (80)d((R) LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	Sim of Quantitys 300 700 10,300 2,000 300 300 695,000 2 4 4 1 1 22 4 4 6 5 5 7 7 6 6 2 4 4 1 22 4 4 1 22 4 4 1 22 4 1 22 4 1 22 4 1 22 4 1 22 4 1 22 4 1 22 1 2 1	***************************************	4.334.7618165378 203,11 679,77 111,8 11,756,42 052,64 104,97 1,772,22 62,44 114,44 135,11 121,66 23,56 23,56 23,56 23,56 23,56 23,56 23,56 23,56 23,56 23,56 23,56 23,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,56 25,566 25,5
	All Description Status View Astronomy Action Status Astronomy Action Status View Astronomy Action Statu	8 (8)0/0/07 LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	SUM of QUANERYS 300 700 10,200 300 300 695,000 300 695,000 2 4 4 1 222 4 4 6 36 7 6 2 4 4 1 222 4 4 1 222 4 4 36 36 7 7 1 22 4 1 22 4 1 22 4 4 36 5 7 7 7 7 7 7 7 7 7 7 7 7 7	***************************************	C.134.77618(E%)24 203,15 679,77 111,67 11,756,42 852,66 94,35 184,66 104,91 1,772,22 62,44 114,46 114,46 114,46 135,10 23,46 23,66 23,56 24,56 2
	AntiDescription/served vitrence and a server assistance account and a server assistance account and a server a	8 (80)d((R) LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	SUM of QUANERYS 300 700 10,200 300 300 695,000 300 695,000 2 4 4 1 222 4 4 6 36 7 6 2 4 4 1 222 4 4 1 222 4 4 36 36 7 7 1 22 4 1 22 4 1 22 4 4 36 5 7 7 7 7 7 7 7 7 7 7 7 7 7	***************************************	10,339,23 20,319,2761816-05,285 20,319 20,319 20,319 20,319 20,319 20,319 20,320 20,32

$\leq$	
$\leq$	
8	
2	
2	
õ	
$\widetilde{\omega}$	

Salegory Surray	All Description Statistics and the statistic statistics and statistical statistics	受到的状態	Sum of Quantitys	200 (CA)	WOT of all 如此的S
Drainage (RCFC	Earthen Open Channel	CY	192,000	\$	249,60
	Energy Dissipator	Ea	8	\$	56,16
	Fencing	LF	26,500	\$	556,50
	Gates	Ea	20	\$	285,00
	Join Existing - 12'x8'	Ea	1	\$	14,30
	Join Existing - 36"	Ea	3	\$	23,01
	Join Existing - 42"	Ea	1	\$	8,45
	Join Existing - 48"	Ea	1	\$	9,10
	Join Existing - 72"	Ea	1	\$	9,75
	Join Existing - 84"	Ea	2	\$	21,06
	Join Existing - 96"	Ea	1	\$	11,83
	Outlet Structure with Low Flow Orifice	Ee	10	\$	91.00
	RCP - 108"	LF	1,500	\$	1,246,05
	RCP - 42"	LF	2,400	\$	324.48
	RCP - 48"	LF	8,400	\$	1,453,28
	RCP - 60"	LF	300	Ś	115,44
	RCP - 72"	L۴	7.400	Ś	2,481,96
	RCP - 84"	LF	13,400	\$	8,988,72
	RCP - 96"	LF	2.500	s	1.888.25
	Slope Anchor	Ea	11	ŝ	17,60
		LF	3,100	ŝ	2,099,63
	Storm Drain Costs (local depression)	LS	39	ŝ	60.84
		Ea	23	ŝ	161,46
	Titgouryaw		23	s	43,057,67

\$ 53,396,902

Soft Costs	
Design (6,25%)	\$ 3,337,305
Field Support (6.25%)	\$ 3,337,306
Plan Check and Inspection Fees (6%)	\$ 3,203,814
Reprographics (10% of Design)	\$ 333,731
	\$ 9,878,427
Administration (4%)	\$ 2,531,013
Soft Cost Total	\$ 12,409,440
Means and Methods	
General Condition (1.5%)	\$ 800,954
Fee (4%)	\$ 2,135,876
Insurance (0.75%)	\$ 400,477
Permits (1.5%)	\$ 800,954
Bonds(1.5%)	\$ 800,954
	\$ 4,939,213
Sub-Total	\$ 68,214,542
Contingency @20%	13,642,908
Grand Total for Drainage	\$ 81,857,450
City	\$ 15,850,042.20
RCFC	\$ 66,007,408,11
· .	\$ 81,857,450.31

<u>Notes;</u> Field Support Includes staking, geotechnical, biologist, etc., Permits included allowance for MSHCP, KRAT, etc.,

.

omestic vvater	At Description as a statistic of the second statistic at the second s	Egolta Ea	Sumo: Quantity / 61	S	2.500.00	194	Total Sector 152.5
	12" Gate Valve 12" PVC		11.600		45,10		
	18" Gate Valve	Ea	21		5,800.00		
	18" PVC		35,500		60.65		2,153,0
	2" Water Service	Ea		\$	3.200.00		12.8
•	24" Gate Valve	Ea	29		11.000.00		319.0
	24" PVC		67,700		75,25		5,094,4
	4" Water Service	Ea	73		4,500.00		328,5
	B" PVC	1 E	1,000		33.40		33,4
	90 Degree Bend	Ea	12		538.00		6,4
	Adjust Valves to Final	Ea	138		419,00		57,8
	Adjust Valves to Interim	Ea	138		419.00		57,8
	Air Vac	Ea	19		4,400,00		63,6
	Backflow Preventer	Ea	4		5,000,00		20.0
	Blow-off	Ea	20		5,100.00		102.0
	Chlorinate and Flush		102,900		1,50		154,3
	Crosses	Ea	102,000		2,700.00		8,1
	Fire Hydrant Assembly - Super Hydrant	Ea	104		5,700.00		592,8
	Jack & Bore	1.5	300		430.00		129,0
	Join Existing	Ea	10		1,100.00		11.0
	Joint Restraints		75,200		11.80		899,1
				\$	69,444,44		625,0
	Mobilization	Ea	12		69,444,44 968.00		<u>625,0</u> 11,0
	Overflow Containment Basin	Ea	12		43,000,00		43.0
		LS	4		43,000,00	1	
	Pressure Reducing Station		3.000.000				
	Pump Station	Gal			0.20		600,0
	Reservoir Access Road		7,000		422.00		2,954,0
	Special Grading	CY	410,000		1.60		656,0
	Steel Casing	LF	1,900	5	172.00		326,8
	SWPPP Compliance	LF	96,300		0.70		67,4
	Tees	Ea	111		2,000.00		222,0
	Temporary Blow-off	Ea	10		5,100.00		51,0
	Traffic Control	LF	72,400		2.35		170,1
	Zone 1750 2 MG Reservoir	Gal	2,000,000		1.15		2,300,0
	Zone 1860 3 MG Reservoir	Gal	3,000,000		1.15		3,450,0
	Zone 1967 Reservoir	Gal	1,500,000	\$	1,50		2,250,0
•						\$	25,367,7
tedory	All Description West States And Second	*Units	Sum of Quantity	1200	Unit Pride %	ц,	Tota Sta
wer	10" VCP	LF	5,200	\$	55,90	\$	346.5
	12" Force Man	LF	5,200		97.85		508,8
	12" VCP	LF	1,600		69.90		111,8
	18" VCP	LF	3,100		125.80		389,9
	24" VCP	LF	2,100		167,70		352,1
	24" VCP Extra Depth	LF	2,000		182.00		364,0
	36" VCP	LF	2,000		260.00		702,0
	48" Manhole	Ea	149		4,160.00	چ \$	619.8
	6" Clean out		149		978,90	17	
		Ea			978.90	13	13,7
	6" Force Main 6" VCP	LF	400		34,95		27,9
							27,9
	60" Manhole (depths 15'-20")	Ea	15		6,240.00		93,6
	8" VCP	LF	43,300		41,95		1,816,4
	Access/Maintenance Roads	SF	206,400		2.55		526,
	Adjust Manholes to Final Grades	Ea	164		544.70		89,3
	Adjust Manholes to Interim Grades	Ea	164		544,70		89,3
	Brick plug at line terminus	Ea	7		838,50		5,8
	Core MH for 15" connection	Ea	1		2,080.00		2,0
	Fencing	LF	800		21,00		16,8
	Gates	Ea		\$	14,300.00		57,2
	Join Existing	Ea	729		838.50		611,2
	Lift Station	Gal	1,200,000		0,75		900,0
	Mobilization	LS		\$	28,000,00		224,0
				\$	11,180,00	\$	22,3
	MWD Crossing	Ea	2	_⊅	11,100.00		
			3		838.50	\$	
	MWD Crossing	Ea	3	\$			2,5
	MWD Crossing Remove B&M Plug Steef Casing	Ea Ea		\$ \$	838.50 223.60	\$	2,5
	MWD Crossing Remove B&M Plug	Ea Ea LF	3 1,200 54,500	55	838.50 223.60	\$ \$	2,5 268,3 38,1
	MWD Crossing Remove B&M Plug Steel Casing SWPPP Sandbags, Visqueen	Ea Ea LF LF	3 1,200	\$ \$ \$ \$	838.50 223.60 0.70	\$ \$	2,5

MV00227083

.

18

ĥ

Category Swedig Recycled Water		Ea	16	5,600.00	92,800
	18" PVC	Le	21,100	\$ 60,65	1,279,715
	12" Gate Valve	Ea	12	\$ 1,500.00	\$ 18,000
	12" PVC	LF	22,300	\$ 45.10	\$ 1,005,730
	2" Water Service	Ea	75	\$ 2,210.00	\$ 165,750
	8" Gate Valve	Ea	13	\$ 2,500.00	\$ 32,500
	8" PVC	LF	22,300	\$ 25.70	\$ 573,110
	Air Vac	Ea	3	\$ 4,400.00	\$ 13,200
	Blow-off	Ea	3	\$ 5,100.00	\$ 15,300
	Join Existing	Ea	8	\$ 1,100.00	\$ 8,600
•	Mobilization	LS	5	\$ 24,800.00	\$ 124,000
	New Pump Station	Gal	1,600,000	\$ 0.20	\$ 320,000
	Other Fittings	Ea	4	\$ -	\$
	Steel Casing	LF	1,800	\$ 223.60	\$ 402,480
	SWPPP Compliance	ļ.	65,700	\$ 0,70	\$ 45,990
	Traffic Control	LF	65,700	\$ 2.35	\$ 154,395
	Zone1850 1.5 MG Reservoir	Gal	1,600,000	\$ 1.10	\$ 1,760,000
				 	6 011 770

6,011,770 40,567,844 \$

2,535,490 2,535,490 2,434,071 253,549 7,758,600 1,933,058

9,691,658

Summary of EMWD Facilities

<u>SoftCosts</u> Design (6.25%) Field Support (6.25%) Plan Check and Inspection Fees (6%) Reprographics (10% of Design)		\$ \$ \$
Administration (4%) Soft Cost Total		\$
<u>Means and Methods</u> General Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%)	ĩ	5 \$ \$ \$

ns and Methods		
ondition (1.5%)	\$	608,518
Fee (4%)	\$	1,622,714
urance (0.75%)	\$	304,259
Permits (1.5%)	\$	608,518
Bonds(1.5%)	\$	608,518
	\$	3,752,526
Sub-Total	\$	54,012,027
ngency @20%	\$	10,802,405
	-	04.04.6.400
/D Facilities	\$	64,814,433

Sub-Total Contingency @20% Grand Total for EMWD Facilities

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

.

Electric	Contractor Installation Costs (mains)	LS	5,641,130	\$ 5,641,130
	Mobilization	LS	8	\$ 745,750
	MVU Sub-station New 128KW	LS	2	\$ 18,240,000
	MVU Sub-station Upgrade	LS	1	\$ 7,500,000
	Relocate High Voltage Power Lines	Ea	1	\$ 50,000
	SCE New US No. 268	LS	1	\$ 530,000
	SCE Relocation US No. 124	LS	2	\$ 1,408,000
	SCE Relocation US No. 127	LS	1	\$ 957,000
	SCE Relocation US No. 129	LS	1	\$ 22,000
	SCE Relocation US No. 227	LS	1	\$ 620,000
	SCE Relocation US No. 630	LS	1	\$ 2,912,000
				\$ 38,625,880

Soft Costs	
Design (6.25%)	\$ 2,414,118
Field Support (6.25%)	\$ 2,414,118
Plan Check and Inspection Fees (6%)	\$ 2,317,553
Reprographics (10% of Design)	\$ 241,412
	\$ 7,387,200
Administration (4%)	\$ 1,840,523
Soft Cost Total	9,227,723
Manage and Matheda	

General Condition (1.5%)	579,388
Fee (4%)	\$ 1,545,035
Insurance (0.75%)	\$ 289,694
Permits (1.5%)	\$ 579,388
Bonds(1,5%)	\$ 579,388
	\$ 3,572,894

Sub-Total	\$ 51,426,497
Contingency @20%	\$ 10,285,299
Grand Total for Electric Utilities	\$ 61,711,796

<u>Notes:</u> Fleid Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

1

- 18

13 of 14

	AUDescription and a standard strategy and a standard strategy and a standard strategy and a standard strategy a	And the second second second second second	1.0000000000000000000000000000000000000	
Other Utilities	Questar Relocation US No. 235	LS	15	1,676,000
	Questar Relocation US No. 635	LS	<u>1 \$</u>	688,000
	SCG Relocation US No. 233	LS	1 \$	3,900,000
	SCG Relocation US No. 241	LS	1 \$	698,000
	SCG Relocation US No. 633	LS	1 \$	1,513,000
	SCG Relocation US No. 644	LS	1   \$	2,820,000
	Verizon Relocation US No. 274	LS	1 \$	76,000
			15	11.371.000

Soft Costs	
Design (6.25%)	\$ 710,688
Field Support (6.25%)	\$ 710,688
Plan Check and Inspection Fees (6%)	\$ 682,260
Reprographics (10% of Design)	\$ 71,069
	\$ 2,174,704
Administration (4%)	\$ 541,828
Soft Cost Total	\$ 2,716,532

Means and Methods	
General Condition (1.5%)	\$ 170,565
Fee (4%)	\$ 454,840
Insurance (0.75%)	\$ 85,283
Permits (1.5%)	\$ 170,565
Bonds(1.5%)	\$ 170,565
	\$ 1,051,818

Sub-Total	\$ 15,139,349
Contingency @20%	\$ 3,027,870
Grand Total Other Utilities	\$ 18,167,219

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

MV00227086

.

14-

# Summary of Costs

\*\*

**, 1** 

Public Streets	\$	128,100,000
Public Streets (Citywide)	\$	19,300,000
Non-Vehicular Circulation (Trails)	\$	4,500,000
Theodore Interchange	\$	50,200,000
SR-60	\$	80,200,000
Public Facilities (Fire/Police)	\$	9,000,000
Sound Walls	\$	3,000,000
Drainage		
City	\$	15,900,000
RCFC	\$	66,000,000
	\$	81,900,000
EMWD Facilities Sewer	\$	14,700,000
Water		40,500,000
Recycled Water	φ \$	9,600,000
Upsizing Allowance (30%)	\$	19,440,000
	\$	64,800,000
Electric Utilities		
MVU Facilities	\$	51,100,000
SCE Undergrounding/Relocations	<u>\$</u> \$	10,600,000
	\$	61,700,000
Other Utilities		
SDG&E/SCG Relocations	\$	14,400,000
Questar (Gas)	\$	3,800,000
	\$	18,200,000
Public Infrastructure Costs	\$	558,540,000

ategory.	Alt Description	Unit	Sum of Quantity	Unit Price	17478	Total
reets	1" AC Cap	SF	4,787,500			2,154,37
	6" Asphalt Berm	LF	3,300			10,56
	6"AC/12"AB	SF	91,500			379,72
ł	6"AC/14"AB	SF	652,900			3,199,21
	6"AC/20"AB	SF	3,544,400		<u> </u>	19,848,64
	AC Removal	SF	590,200			855,79
	Street Finish	SF	4,787,500			478,75
	Final Striping	SF	4,787,500	\$ 0.05	\$	239,37
	Fog Seal	SF	4,787,500	\$ 0.05	\$	239,37
	Grinding	SF	554,500	\$ 1.45	\$	804,02
	Import	CY	205,000	\$ 9.75		1,998,75
	Interim Striping	SF	4,787,500	\$ 0.05		239,37
	Mobilization		4,707,300	\$ 92,625.00		741,00
			46,100			387,24
	Redwood Header or thickened edge					
	Regulatory Signs	Ea	245			131,8
1	Saw cut	LF	31,000			65,1
	Slurry Seal	SF		\$ 0.50		1,536,8
	Street Lights - Single Arm 22000 lumen (includes conduit, wire, poles, etc.)	Ea	536	\$ 7,020.00	\$	3,762,7
1	Street Name Signs	Ea	44	\$ 594.10	\$	26,1
	Sub-Grade Prep	SF	4,787,500	\$ 0.25	\$	1,196,8
1	SWPPP Compliance	SF	4,787,500	\$ 0.70		3,344,3
	Traffic Control	SF	2,466,900	\$ 0.35		858,8
1	Traffic Signal Full	Ea	2,400,900	\$ 379,600.00	<del>ال</del> ا	2,657,2
ł		_				
1	Traffic Warning Signs	Ea	27	\$ 349.70		9,2
,	Extended Landscape Maintenance (90 days)	SF	693,477			69,3
l	Median Landscaping	SF	364,700			1,768,7
ļ	Parkway Landscaping	SF	269,000			1,735,0
	Roadway Excavation	CY	328,777	\$ 29.00	\$	9,534,5
					\$	58,273,1
tegory :	Alt Description and a second	Units	Sum of Quantity	ST Unit Price	25.3	Total 8
ncrete	6' Sidewalk - Offset	SF	688,000	\$ 3.45		2,373,6
101010	8" Curb/Gutter	LF	35,700			678,3
1	Bus Bay w/Curb		9,700			
						62,5
	Handicapped Ramp	Ea	123	\$ 1,690.00		207,8
	Local Depressions	Ea	80			124,8
	Mobilization	LS	7	\$ 16,000.00		112,0
	Roundabout truck apron	SF	37,400	\$ 22.35		835,8
	Special Curb - I ( mow strip)	LF	41,500			269,7
	Special Curb - I (8" median curb)	LF	41,500	\$ 8.50	\$	352,7
	Special Curb - II (0" Curb Face)	LF	82,300	\$ 8.50	\$	699,5
	Special Paving - I (Roundabout)	SF	156,400	\$ 6.85	15	1,071,3
	Sub-grade prep. Concrete	SF	1,381,100		_	483,3
	Truck Turnout (6 Trucks)	Ea	19	\$ 69,000.00	_	1,311,0
		1 54		φ_03,000.00	\$	8,582,8
					φ	
			Total			66,855,9
			Soft Costs			
			Design (6.25%)		\$	4,178,4
		Fiel	d Support (6.25%)		\$	4,178,4
	Plan Check	k and Ins	pection Fees (6%)		\$	4,011,3
	Repr	rographic	s (10% of Design)		\$	417,8
					\$	12,786,2
		Δ	dministration (4%)		ŝ	3,185,6
			Soft Cost Total		\$	15,971,8
			Son Cost Total		ą	15,971,0
	,		leans and Methods		•	
		Genera	I Condition (1.5%)		\$	1,002,8
			Fee (4%)		\$	2,674,2
			Insurance (0.75%)		\$	501,4
	Permits (1.5%)				\$	1,002,8
			Bonds(1.5%)		\$ 	1,002,8
			. ,		\$	6,184,1
					¥	0,104,1
					¢	00.010.0
			· · · · · ·			89,012,0
		4 Dia 1-1	Sub-Total	1050 501 65	\$	
	Value c		f Way (\$5 per SF)	4,253,391 SF	\$	21,266,9
	Value o			4,253,391 SF		21,266,9
	Value o		f Way (\$5 per SF)	4,253,391 SF	\$ \$	21,266,9 17,802,4
tes:	Value c		f Way (\$5 per SF) ntingency @20%	4,253,391 SF	\$	21,266,9
tes:	Value c :ludes staking, geotechnical, biologist, etc		f Way (\$5 per SF) ntingency @20%	4,253,391 SF	\$ \$	21,266,9 17,802,4

t ī

Category	Alt Description	Unit	Sum of Quantity	uter in	Unit Price	财格运动	Total
Streets	LOS Deficiencies - Roadways - Cactus Ave.Redlands Blvd/Street D	LS	1	\$	810,000		810,000
	LOS Deficiencies - Roadways - Gilman Springs RoadAlessandro Blvd/Bridge St	LS	1	\$	1,755,000	\$	1,755,000
	LOS Deficiencies - Roadways - Gilman Springs RoadSR-60/Alessandro Blvd	LS	1	\$	5,760,000	\$	5,760,000
	LOS Deficiencies - Roadways - Redlands BlvdSR-60 EB Ramps/Eucalyptus	LS	1	\$	825,000	\$	825,000
	LOS Deficiencies - Roadways - Theodore StreetSR60 WB Ramps/Ironwood	LS	1	\$	540,000	\$	540,000
	Intersections - Kitching St/ Iris Ave.Add 2nd WBL, 3rd EBT, Widen NB, Reconfig	LS	1	\$	960,000	\$	960,000
	Intersections - Kitching St/ Krameria Ave.Add 2nd EBR/	LS	1	\$	300,000	\$	300,000
	Intersections - Martin Luther King Blvd/I-215 NB RampsAdd 2nd NBR/	LS	1	\$	90,000	\$	90,000
	Intersections - Moreno Beach Dr/John Kennedy DrAdd 2nd WBL/	LS	1	\$	1,050,000	\$	1,050,000
				•		\$	12,090,000

Total

	D9C	

\$

Soft Costs	
Design (6.25%)	\$ 755,625
Field Support (6.25%)	\$ 755,625
Plan Check and Inspection Fees (6%)	\$ 725,400
Reprographics (10% of Design)	\$ 75,563
	\$ 2,312,213
Administration (4%)	\$ 576,089
Soft Cost Total	\$ 2,888,301
Means and Methods	
General Condition (1.5%)	\$ 181,350
Fee (4%)	\$ 483,600
Insurance (0.75%)	\$ 90,675
Permits (1.5%)	\$ 181,350
Bonds(1.5%)	\$ 181,350
	\$ 1,118,325
Sub-Total	\$ 16,096,626
Contingency @20%	\$ 3,219,325
Grand Total	\$ 19,315,951

5

١

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category	Alt Description	Unit 🖓	Quantity 22000	Total	Call Manual V
Landscape	10' DG Trail 6" Thick	SF	321,000	\$	925,500
	6"x6" Concrete Mow Curb along Trail Fencing	LF	37,600	\$	404,200
	DeAnza Trail Signage	LS	5,000	\$	5,000
	5 Ac. Agricultural Heritage Park	LS	1,000,000	\$	1,000,000
4	PVC Trail Fencing	/LF	37,600	\$	485,040
	Trail Signage	Ea	10	\$	2,690
	· · · · · · · · · · · · · · · · · · ·			\$	2,822,430

Grand Total	\$	4,509,340
Contingency @20%	\$	751,557
Sub-Total	\$	3,757,783
	\$	261,075
Bonds(1.5%)	\$	42,336
Permits (1.5%)	\$	42,336
Insurance (0.75%)	\$	21,168
Fee (4%)	\$	112,897
General Condition (1.5%)	\$	42,336
Means and Methods		
Soft Cost Total	\$	674,279
Administration (4%)	\$	134,489
	\$	539,790
Reprographics (10% of Design)	_\$	17,640
Plan Check and Inspection Fees (6%)	\$	169,346
Field Support (6.25%)	\$	176,402
Design (6.25%)	\$	176,402
Soft Costs		

•

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

ategory.	Alt Description		Sum of Quantity.		
reeway		LS	1	\$ 2,120,000	\$ 2,120,00
	Freeway Mainline - I-10 - NB/EB - Main St (Cabazon)/Main St	LS	1	\$ 1,120,000	\$ 1,120,00
		LS	1	\$ 1,650,000	\$ 1,650,00
		LS	1	\$ 820,000	\$ 820,00
	Freeway Mainline - I-10 - NB/EB - S Hargrave St/Field Rd	LS	1	\$ 1,020,000	\$ 1,020,00
	Freeway Mainline - I-10 - NB/EB - SR-60/Beaumont Ave	LS	1	\$ 1,440,000	\$ 1,440,00
	Freeway Mainline - I-10 - SB/WB - Highland Springs/Sunset Ave	LS	1	\$ 1,720,000	\$ 1,720,00
	Freeway Mainline - I-10 - SB/WB - Pennsylvania Ave/Highland Springs	LS	1	\$ 1,325,000	\$ 1,325,00
	Freeway Mainline - I-10 - SB/WB - S 8th St/S Hargrave St	LS	1	\$ 820,000	\$ 820,00
	Freeway Mainline - I-10 - SB/WB - SR-60/Beaumont Ave	LS	1	\$ 1,220,000	\$ 1,220,00
	Freeway Mainline - I-215 - SB/WB - Ethanac Rd/SR 74	LS	1	\$ 555,000	\$ 555,00
	Freeway Mainline - I-215 - SB/WB - SR74/Case Rd/Redlands Ave/Ellis	LS	1	\$ 715,000	\$ 715,00
	Freeway Mainline - SR-60 - NB/EB - Archibald Ave/Haven Ave	LS	1	\$ 2,340,000	\$ 2,340,00
	Freeway Mainline - SR-60 - NB/EB - Central Ave/Mountain Ave	LS	1	\$ 2,200,000	\$ 2,200,0
	Freeway Mainline - SR-60 - NB/EB - Euclid Ave/Grove Ave	LS	1	\$ 2,525,000	\$ 2,525,0
	Freeway Mainline - SR-60 - NB/EB - Grove Ave/Vineyard Ave	LS	1	\$ 2,020,000	\$ 2,020,0
	Freeway Mainline - SR-60 - NB/EB - Mountain Ave/Euclid Ave	LS	1	\$ 1,780,000	\$ 1,780,0
	Freeway Mainline - SR-60 - NB/EB - Ramona Ave/Central Ave	LS	1	\$ 1,720,000	\$ 1,720,0
	Freeway Mainline - SR-60 - NB/EB - S Reservoir Rd/Ramona Ave	LS	1	\$ 2,580,000	\$ 2,580,0
	Freeway Mainline - SR-60 - NB/EB - Vineyard Ave/Archibald Ave	LS	1	\$ 2,080,000	\$ 2,080,0
	Freeway Mainline - SR-60 - SB/WB - Central Ave/Mountain Ave	LS	1	\$ 2,650,000	\$ 2,650,0
	Freeway Mainline - SR-60 - SB/WB - Mountain Ave/Euclid Ave	LS	1	\$ 2,380,000	\$ 2,380,0
	Freeway Mainline - SR-60 - SB/WB - Ramona Ave/Central Ave	LS	1	\$ 1,920,000	\$ 1,920,0
	Freeway Mainline - SR-60 - SB/WB - S Reservoir Rd/Ramona Ave	LS	1	\$ 2,760,000	\$ 2,760,0
	Freeway Ramps - SR-60 - EBOff-Ramp to Moreno Beach/Increase decel 500ft	LS	1	\$ 509,000	\$ 509,0
	Freeway Ramps - SR-60 - EBOff-Ramp to Nason St/Increase decel 500ft	LS	1	\$ 635,000	\$ 635,0
	Freeway Ramps - SR-60 - EBOn-Ramp from Nason St/Increase accel 400ft	LS	1	\$ 509,000	\$ 509,0
	Freeway Ramps - SR-60 - EBOn-Ramp from Perris Blvd/Increase accel 500ft	LS	1	\$ 635,000	\$ 635,0
	Freeway Ramps - SR-60 - WB Direction on-ramp from Redlands/Add 1 mixed flo	LS	1	\$ 990,000	\$ 990,0
	Freeway Ramps - SR-60 - WBLoop on-ramp from Redlands/Add 1 mixed flow lar	LS	1	\$ 990,000	\$ 990,0
	Freeway Ramps - SR-60 - WBOff-Ramp to Redlands/Increase decel 1200ft	LS	1	\$ 588,000	\$ 588,0
	Freeway Ramps - SR-60 - WBOn-Ramp from Theodore St/Increase accel 850ft	LS	1	\$ 441,000	\$ 441,0
	Freeway Weaving - I-10 - Haugen-Lehmann Way/SR 111	LS	1	\$ 340,000	\$ 340,0
	Freeway Weaving - SR60 - Haven Ave/Archibald Ave	LS	1	\$ 1,080,000	\$ 1,080,0
	Freeway Weaving - SR60 - Main St/SR 91	LS	1	\$ 1,375,000	1,375,0
	Freeway Weaving - SR60 - SR 71/ S Garey Ave/S Reservoir Rd	LS	1	\$ 607,500	\$ 607,5
			Total	 	\$ 50,179,5

Soft Costs		
Design (6.25%)	\$	3,136,219
Field Support (6.25%)	\$	3,136,219
Plan Check and Inspection Fees (6%)	\$	3,010,770
Reprographics (10% of Design)	_\$	313,622
	\$	9,596,829
Administration (4%)	\$	2,391,053
Soft Cost Total	\$	11,987,883
Means and Methods		
General Condition (1.5%)	\$	752,693
Fee (4%)	\$	2,007,180
Insurance (0.75%)	\$	376,346
Permits (1.5%)	\$	752,693
Bonds(1.5%)	_\$	752,693
	\$	4,641,604
Sub-Total	\$	66,808,986
Contingency @20%	\$	13,361,797
Grand Total	\$	80,170,784

.

J.

۰

Notes: Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category	Alt Description	Survey (Survey) (Survey)	m of Quantity	Unit Price	STREET,	Total XX*v*
	Theodore Interchange	LS	1	\$ 35,134,430	\$	35,134,430
			Total		\$	35,134,430
			Soft Costs			
		C	Design (6.25%)		\$	2,195,902
		Field St	upport (6.25%)		\$	2,195,902
		Plan Check and Inspec	tion Fees (6%)		\$	2,108,066
		Reprographics (1	10% of Design)		\$	219,590
					\$	6,719,460
		Admí	inistration (4%)		\$	•
		5	Soft Cost Total		\$	6,719,460
			Sub-Total		\$	41,853,890
		Contin	ngency @20%		\$	8,370,778
					\$	50,224,668

4

٠

Notes: Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category - Category	Alt Description		Sum of Quantity	1.24		
Fire and Police	Fire Station Equipment Allowance	LS	1	\$	500,000	\$ 500,000
	Fire Station Site	LS	1	\$	5,000,000	\$ 5,000,000
_	Police Station	LS	1	\$	2,000,000	\$ 2,000,000
			Tota	l		\$ 7,500,000
			Sub-Tota	al		\$ 7,500,000
		Ce	ontingency @209	6		\$ 1,500,000
			Grand Tota	I		\$ 9,000,000

4

0

Notes: \*Unit prices for Fire and Police Station included soft costs, means and methods

јогу 🔅 🔅	Alt Description	Unit	Sum of Quantity	2.1.1.4	I OTAL
	8" PVC Perforated Subdrain	LF	26,900		586,42
5 ( )	Access/Maintenance Roads	SF	2,500	\$	6,37
	Adjust Manholes - Final	Ea	141		76,80
	Adjust Manholes - Interim	Ea	141		76,80
	CB - type II, w=14'	Ea	23		209.30
			9,100		2,354,17
	Concrete Spreading Spillway				
	Concrete V-Ditch - 10' wide	LF	2,500		160,75
	Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB100. W = 7'	Ea	128	\$	931,84
	Construct Curb inlet Catch Basin per RCFCD Std. Dwg. CB110.	Ea	14	\$	60,06
	Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (36"/24")	Ea	3	\$	17,55
	Construct Manhole #1 per RCFCD Std. Dwg. MH251, (36" max)	Ea	37	\$	250,12
	Construct PCC Collar per APWA Std. Dwg. 380-3. (24")	Ea	1	\$	97
	Construct PCC Collar per APWA Std. Dwg. 380-3. (36")	Ea	1	\$	1,25
	Construct wingwall per Cal Trans Std. Dwg. D86b (36" RCP)[b]	Ea	1	\$	12,6
		Ea	2	\$	21,0
	Construct wingwall per Cal Trans Std. Dwg. D86b. (24" RCP)[a]				
	Construct wingwall per Cal Trans Std. Dwg. D89	Ea	1	\$	9,1
	Downstream Channel Improvements	LS	12		2,340,0
	Fencing	LF	3,500	\$	73,5
	Furnish and Install PCC Bulkhead per RCFCD Std. Dwg. M816. (24*)	Ea	1	\$	
	Furnish and Install PCC Bulkhead per RCFCD Std. Dwg. M816. (36")	Ea	13	\$	10,9
	Gates	Ea	3	\$	42,9
	Join Existing - 24"	Ea	12		84,2
	Mobilization	LS	8	\$	778,0
	RCP - 18"	LS LF	4,000	and the owner of the	
				-	
	RCP - 24"	LF	16,000		1,162,4
	RCP - 36"	LF	23,400		2,354,0
	Remove and Dispose Existing Line F Headwall	LS	25,000		25,0
	SWPPP Compliance	LF	99,000		69,3
	Traffic Control	LF	79,300	\$	186,3
	Trash Rack	Ea	3	\$	21,0
	Un-Grouted Rip-Rap	Ton	10	\$	6
				\$	10,339,2
				1.000 1013	
gory and	Alt Description		Sum of Quantity?	7BA	array was a second second
	Alt Description 1 a 222 224 10' x 5' Single RCB	LF	300	\$	
			the second se	\$	203,1
	10' x 5' Single RCB	LF	300	\$ \$	203,1 679,7
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB	LF LF	300 700 100	\$ \$ \$	203,1 679,7 111,8
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB	LF LF LF	300 700 100 10,300	\$ \$ \$	203,1 679,7 111,8 11,756,4
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB		300 700 100 10,300 2,000	\$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB		300 700 100 10,300 2,000 300	\$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB		300 700 100 2,000 300 400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB	LF LF LF LF LF LF LF	300 700 10,300 2,000 300 400 300	\$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads	LF LF LF LF LF LF LF LF SF	300 700 10,300 2,000 300 400 300 695,000	\$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)	LF LF LF LF LF LF LF SF Ea	300 700 10,300 2,000 300 400 300 695,000 2	\$ \$ \$ \$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF	LF LF LF LF LF LF LF SF Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)	LF LF LF LF LF LF LF SF Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2	\$ \$ \$ \$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF	LF LF LF LF LF LF LF SF Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF	LF LF LF LF LF LF LF LF SF Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 2 4 1	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. D8110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24")	LF LF LF LF LF LF LF SF Ea Ea Ea Ea Ea	300 700 10,000 2,000 300 400 300 695,000 2 4 4 1 1 222 4	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24")	LF LF LF LF LF LF LF SF Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 4 6	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 114,4 35,1 94,3 23,4 35,1
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228.	LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 222 4 4 6 336	* * * * * * * * * * * * * * *	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24")	LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 4 6 36 36 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8//36'')	LF LF LF LF LF LF LF SF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 6 6 366 7 7 6	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12°x8' Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36")	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 6 36 36 7 7 6 2	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48")	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 1 222 4 6 336 7 6 6 2 2 4	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. D84. (10'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72')	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 1 222 4 6 366 7 7 6 2 4 4 6 366 7 7 6 2 4 4 1 1 222 4 4 1 1 222 4 1 1 222 4 1 1 222 4 1 1 222 4 1 222 4 1 222 4 1 222 4 1 222 1 22 1 222 1 22 1 22 1 22 1 22 1 22 1 22 1 2 1 22 1 2 1 2 2 1 2 2 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 1 2 2 2 1 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 2 2 2 1	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48")	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 1 222 4 6 336 7 6 6 2 2 4	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. D84. (10'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72')	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 1 222 4 6 366 7 7 6 2 4 4 6 366 7 7 6 2 4 4 1 1 222 4 4 1 1 222 4 1 1 222 4 1 1 222 4 1 1 222 4 1 222 4 1 222 4 1 222 4 1 222 1 22 1 222 1 22 1 22 1 22 1 22 1 22 1 22 1 2 1 22 1 2 1 2 2 1 2 2 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 1 2 2 2 1 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 2 2 2 1	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/60") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/60") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/60") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8/60") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/24") Construct Junction Structure #	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 695,000 22 4 4 1 222 4 4 6 36 36 7 6 2 4 4 6 36 36 7 7 6 2 4 1 1 22 22 4 4 1 22 22 4 4 1 22 22 4 4 1 22 22 4 4 1 22 22 4 4 1 22 22 4 4 22 22 4 4 22 22 4 22 4 22 4 22 4 22 4 22 4 22 4 22 4 22 4 4 22 22	***************************************	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 6,7
	10' x 5' Single RCB 10' x 7' Single RCB 12' x8' Single RCB 12' x8' Single RCB 12' x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''72'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300 700 10,300 2,000 300 695,000 22 4 4 1 22 4 4 6 336 7 6 22 4 4 6 336 7 7 6 22 4 4 1 22 4 4 1 22 73	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 6,7 540,9
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12°x8' Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Lunction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/72") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Manhole #2 per RCFCD Std. Dwg. MH253 (for RCB)	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea		***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3,3 6,7 540,9
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/24") Construct Manhole #2 per RCFCD Std. Dwg. MH253. (36" to 72") Construct Manhole #3 per RCFCD Std. Dwg. MH254 (12" to 144")	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	$\begin{array}{r} 300 \\ \hline 300 \\ \hline 700 \\ \hline 10,300 \\ \hline 2,000 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 695,000 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 1 \\ \hline 7 \\ \hline 3 \\ \hline 5 \\ \hline 1 \\ 1 \\$	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 5,40,9 111,1 15,3
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8° Single RCB 12° x8° Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8° RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108°/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/72″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/72″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84″/36″) Construct Manhole #2 per RCFCD Std. Dwg. MH254. (12° to 144″) Construct Manhole #4 per RCFCD Std. Dwg. MH254. (12° to 144″) Construct Transition Structure #2 per RCFCD Std. Dwg. TS302	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	$\begin{array}{r} 300 \\ \hline 300 \\ \hline 700 \\ \hline 10,300 \\ \hline 2,000 \\ \hline 300 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 695,000 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 37 \\ 3 \\ \hline 15 \\ \hline 1 \\ 1 \\$	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 5,0 94,9 91,11,1 5,3 52,0
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS227. (72'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84'/36") Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10r RCB) Construct Manhole #4 per RCFCD Std. Dwg. MH253 (10r RCB) Construct Manhole #4 per RCFCD Std. Dwg. MH254 (12' to 144") Construct Transition Structure #2 per RCFCD Std. Dwg. TS302 Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[c]	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	$\begin{array}{r} 300 \\ \hline 300 \\ \hline 700 \\ \hline 10,300 \\ \hline 2,000 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 695,000 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 7 \\ \hline 7 \\ \hline 1 \\ \hline 2 \\ \hline 7 \\ 3 \\ \hline 1 \\ \hline 1 \\ \hline 3 \\ \hline 3 \\ \end{array}$	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10 x 5' Single RCB 10' x 7' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10r HCB) Construct Manhole #2 per RCFCD Std. Dwg. MH254 (12' to 144") Construct Manhole #4 per RCFCD Std. Dwg. MH254 (12' to 144") Construct Manhole #4 per CAI Trans Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[h]	LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           700           100           10,300           2,000           300           400           300           695,000           2           4           1           22           4           6           36           77           6           24           1           22           4           6           36           77           6           2           4           1           2           73           15           1           3	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 5,0 111,1 5,3 5,2,0 42,9 50,7
	10 x 5' Single RCB 10' x 7' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10r RCB) Construct Manhole #3 per RCFCD Std. Dwg. MH254 (12" to 144") Construct Manhole #4 per CCFCD Std. Dwg. MH254 (12" to 144") Construct Manhole #4 per CCFCD Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[h] Construct wingwall per Cal Trans Std. Dwg. D86b (72" RCP)[d]	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	$\begin{array}{r} 300 \\ \hline 300 \\ \hline 700 \\ \hline 10,300 \\ \hline 2,000 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 400 \\ \hline 300 \\ \hline 695,000 \\ \hline 2 \\ \hline 4 \\ \hline 1 \\ \hline 22 \\ \hline 4 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 6 \\ \hline 36 \\ \hline 7 \\ \hline 7 \\ \hline 7 \\ \hline 1 \\ \hline 2 \\ \hline 7 \\ 3 \\ \hline 1 \\ \hline 1 \\ \hline 3 \\ \hline 3 \\ \end{array}$	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 5,0 111,1 5,3 5,40,9 111,1 5,3 5,20 42,9 50,7
	10 x 5' Single RCB 10' x 7' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10r HCB) Construct Manhole #2 per RCFCD Std. Dwg. MH254 (12' to 144") Construct Manhole #4 per RCFCD Std. Dwg. MH254 (12' to 144") Construct Manhole #4 per CAI Trans Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[h]	LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           700           100           10,300           2,000           300           400           300           695,000           2           4           1           22           4           6           36           77           6           24           1           22           4           6           36           77           6           2           4           1           2           73           15           1           3	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 5,0 540,9 111,1 5,3 3,5 2,0 42,9 50,7 66,3
	10 x 5' Single RCB 10' x 7' Single RCB 12'x8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84"/36") Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10r RCB) Construct Manhole #3 per RCFCD Std. Dwg. MH254 (12" to 144") Construct Manhole #4 per CCFCD Std. Dwg. MH254 (12" to 144") Construct Manhole #4 per CCFCD Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42" RCP)[h] Construct wingwall per Cal Trans Std. Dwg. D86b (72" RCP)[d]	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           300           700           100           10,300           2,000           300           400           300           695,000           2           4           1           22           4           6           36           76           2           73           15           1           2           73           15           1           3           3           3           3           3           12	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8° Single RCB 12°x8° Single RCB 4° x 3° Double RCB 4° x 3° Double RCB 7° x 3° Double RCB 7° x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8° RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108°/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84″/36″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84″/36″) Construct Manhole #2 per RCFCD Std. Dwg. MH253. (36″ hC72″) Construct Manhole #3 per RCFCD Std. Dwg. MH253. (36″ hC72″) Construct Manhole #3 per RCFCD Std. Dwg. MH254 (12″ to 144″) Construct Manhole #4 per RCFCD Std. Dwg. D86b (48″ RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg. D86b (48″ RCP)[d] Constr	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           300           700           100           10,300           2,000           300           400           300           695,000           2           4           1           22           4           6           36           7           6           2           73           15           1           2           73           15           1           3           3           3           12           192,000	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3,3 3,3,3 3,3,3 3,3,3 3,3,3 3,3,3 5,2,0 9,111,1 5,3 5,2,0 6,3 9,5,7 6,6,3 296,4 249,6
	10° x 5° Single RCB 10° x 7' Single RCB 10° x 8° Single RCB 12°x8° Single RCB 4' x 3° Double RCB 4' x 3° Double RCB 7' x 3° Double RCB 7' x 3° Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10°x8° RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10°x7° RCF Construct Junction Structure #2 per RCFCD Std. Dwg. D84. (10°x7° RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108°/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/24″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12°x8′/48″) Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84″/24″) Construct Manhole #2 per RCFCD Std. Dwg. MH254 (12° to 144″) Construct Manhole #4 per RCFCD Std. Dwg. MH254 (12° to 144″) Construct Manhole #4 per RCFCD Std. Dwg. MH254 (12° to 144″) Construct Manhole #4 per RCFCD Std. Dwg. D86b (42″ RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42″ RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42″ RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42″ RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44″ RCP)[d] Construct wingwall per Cal Trans Std. Dwg.	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           1           22           4           6           36           7           6           22           4           1           2           73           15           1           3	******	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84'/36'') Construct Manhole #2 per RCFCD Std. Dwg. MH254. (12' to 144') Construct Manhole #4 per RCFCD Std. Dwg. MH254. (12' to 144'') Construct Manhole #4 per RCFCD Std. Dwg. MH254. (12' to 144'') Construct Wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44''' RCP)[c] Construct wingwall per Cal Trans Std.	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           1           22           4           6           36           7           6           22           4           1           2           73           15           1           3	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 23,4 35,1 94,3 23,4 35,1 121,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. CB110. Construct Unction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24') Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (72'/24') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/34') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/34') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Manhole #2 per RCFCD Std. Dwg. MH252 (16' to 72'') Construct Manhole #2 per RCFCD Std. Dwg. MH253 (10' RCB) Construct Manhole #3 per RCFCD Std. Dwg. MH254 (12' to 144'') Construct Wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (48'' RCP)[h] Construct wingwall per Cal Trans Std. Dwg. D86b (48'' RCP)[h] Construct wingwall per Cal Trans Std. Dwg. D86b (48'' RCP)[h] Construct wingwall per Cal Trans Std. Dwg. D86b (48'' RCP)[c] Earthen Open Channel Energy Dissipator Fencing Gates	LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           1           22           4           6           36           7           6           36           7           6           36           7           6           36           7           6           36           7           1           2           73           15           1           1           3           3           3           3           3           3           3           3           3           3           3           3           3           3           192,00	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB) Construct Up Inlet Catch Basin per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Manhole #4 per RCFCD Std. Dwg. MH253 (for RCB) Construct Manhole #4 per RCFCD Std. Dwg. MH253 (for RCB) Construct Manhole #4 per CACFCD Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44'' RCP)[e] Earthen Open Channel Energy Dissipator Fencing Gates Join Existing - 12'x8'	LF         LF         LF         LF         LF         LF         LF         LF         LF         Ea         Ea	300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           6           36           77           6           22           4           6           36           77           6           22           4           1           22           4           1           22           4           1           22           4           1           22           4           1           2           73           15           1           3           3           3           3           3           3           3           3           3           3           3 <td>***</td> <td>203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 133,5 3,3 3,3 3,3 3,3 6,7 540,9 111,1 5,3 3,5 2,0 42,9 50,7 66,3 296,4 249,6 56,1 556,5 286,0 14,3</td>	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 133,5 3,3 3,3 3,3 3,3 6,7 540,9 111,1 5,3 3,5 2,0 42,9 50,7 66,3 296,4 249,6 56,1 556,5 286,0 14,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCF Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #2 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72') Construct Manhole #4 per RCFCD Std. Dwg. MH253 (16' R C7'') Construct Manhole #3 per RCFCD Std. Dwg. MH253 (16' R C7'') Construct Manhole #4 per RCFCD Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Earthen Open Channel Energy Dissipator Fencing Gates Join Existing - 12'x8' Join Existing - 12'x8' Join Existing - 36''	LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           6           36           77           6           22           4           6           36           77           6           22           4           1           22           4           1           22           4           1           22           4           1           22           4           1           2           73           15           1           3           3           3           3           3           3           3           3           3           3           3 <td>***</td> <td>203,1 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3</td>	***	203,1 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3
	10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCF Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB) Construct Up Inlet Catch Basin per RCFCD Std. Dwg. CB110. Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/44'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/46'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (84''/36'') Construct Manhole #4 per RCFCD Std. Dwg. MH253 (for RCB) Construct Manhole #4 per RCFCD Std. Dwg. MH253 (for RCB) Construct Manhole #4 per CACFCD Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (42'' RCP)[c] Construct wingwall per Cal Trans Std. Dwg. D86b (44'' RCP)[e] Earthen Open Channel Energy Dissipator Fencing Gates Join Existing - 12'x8'	LF         LF         LF         LF         LF         LF         LF         LF         LF         Ea         Ea	300           700           100           10,300           2,000           300           400           300           400           300           695,000           2           4           6           36           77           6           22           4           6           36           77           6           22           4           1           22           4           1           22           4           1           22           4           1           22           4           1           2           73           15           1           3           3           3           3           3           3           3           3           3           3           3 <td>***</td> <td>203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3</td>	***	203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3

		23	\$	<u>161,46</u> 43,057,67
Trash Rack	Ea	39	<u>ه</u>	
Storm Drain Costs (local depression)		39	\$	60,84
Concrete Open Channel (Line "F")		3,100	1 s	2,099,63
Slope Anchor	Ea		\$	17.60
RCP - 96"		2,500	\$	1,888,2
RCP - 84"		13,400	\$	8,988,7
RCP • 72"		7,400	\$	2,481,9
RCP - 60"	LF	300	\$	115,4
RCP - 48"	LF	8,400	\$	1,463,2
RCP - 42"	LF	2,400	\$	324,4
RCP - 108"	LF	1,500	\$	1,246,0
Outlet Structure with Low Flow Orifice	Ea	10	\$	91,0
Join Existing - 96"	Ea	1	\$	11,8
Join Existing - 84"	Ea	2	\$	21,00
Join Existing - 72"	Ea	1	\$	9,7

Soft Costs		
Design (6.25%)	\$	3,337,306
Field Support (6.25%)	\$	3,337,306
Plan Check and Inspection Fees (6%)	\$	3,203,814
Reprographics (10% of Design)	\$	333,731
	\$	9,878,427
Administration (4%)	\$	2,531,013
Soft Cost Total	\$	12,409,440
Means and Methods		
General Condition (1.5%)	\$	800,954
Fee (4%)	\$	2,135,876
Insurance (0.75%)	\$	400,477
Permits (1.5%)	\$	800,954
Bonds(1.5%)	\$	800,954
	\$	4,939,213
Sub-Total	\$	68,214,542
Contingency @20%	\$	13,642,908
Grand Total	\$	81,857,450
City	\$	15,850,042.20
RCFC	\$	66,007,408.11
-	\$	81,857,450.31
	ŕ	

Notes: Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category	Alt Description	ことで で で で で や し nit 割	Sum of Ouantity	窓間Unit Price (2%)	Total
Domestic Water		Ea	61	\$ 2,500.00	
Joinestic Water	12" PVC		11,600	\$ 45.10	
	18" Gate Valve	Ea	21	\$ 5,800.00	
	18" PVC	LF	35,500	\$ 60.65	\$ 2,153,075
	2" Water Service	Ea	4	\$ 3,200.00	\$ 12,800
	24" Gate Valve	Ea	29	\$ 11,000.00	\$ 319,000
	24" PVC	LF	67,700	\$ 75.25	\$ 5,094,425
	4" Water Service	Ea	73	\$ 4,500.00	\$ 328,500
	8" PVC	LF	1,000	\$ 33.40	\$ 33,400
	90 Degree Bend	Ea	12	\$ 538.00	\$ 6,456
	Adjust Valves to Final	Ea	138	\$ 419.00	\$ 57,822
	Adjust Valves to Interim	Ea	138	\$ 419.00	\$ 57,822
	Air Vac	Ea	19	\$ 4,400.00	\$ 83,600
	Backflow Preventer	Ea	4	\$ 5,000.00	\$ 20,000
	Blow-off	Ea	20	\$ 5,100.00	\$ 102,000
	Chlorinate and Flush	LF	102,900	\$ 1.50	\$ 154,350
		Ea	3	\$ 2,700.00	\$ 8,100
	Fire Hydrant Assembly - Super Hydrant	Ea LF	104	\$ 5,700.00	\$ 592,800 \$ 129,000
	Jack & Bore	Ea Ea	10	\$ 430.00 \$ 1,100.00	\$ <u>129,000</u> \$ 11,000
	Join Existing Joint Restraints		76,200	\$ 11.80	\$ 899,160
	Mobilization	LF	70,200	the second se	\$ 625,000
	Other Fittings	Ea	12	\$ 968.00	\$ 11,616
	Overflow Containment Basin	Ea	1	\$ 43,000.00	\$ 43,000
	Pressure Reducing Station		4	\$ 195,000.00	\$ 780,000
	Pump Station	Gal	3,000,000	\$ 0.20	\$ 600,000
	Reservoir Access Road	LF	7,000	\$ 422.00	\$ 2,954,000
	Special Grading	CY	410,000	\$ 1.60	\$ 656,000
	Steel Casing		1,900	\$ 172.00	\$ 326,800
	SWPPP Compliance	LF	96,300	\$ 0.70	
	Tees	Ea	111	\$ 2,000.00	\$ 222,000
	Temporary Blow-off	Ea	10	\$ 5,100.00	\$ 51,000
	Traffic Control	LF	72,400	\$ 2.35	\$ 170,140
	Zone 1750 2 MG Reservoir	Gal	2,000,000	\$ 1.15	\$ 2,300,000
	Zone 1860 3 MG Reservoir	Gal	3,000,000	\$ 1.15	\$ 3,450,000
		00	0,000,000	φ 1.10	0,100,000
	Zone 1967 Reservoir	Gal	1,500,000	\$ 1.50	\$ 2,250,000
,					
	Zone 1967 Reservoir	Gal	1,500,000	\$1.50	\$ 2,250,000 \$ 25,367,736
Category 3	Zone 1967 Reservoir Att.Description	Gal	1,500,000 Sum of Quantity:	\$ 1.50	\$ 2,250,000 \$ 25,367,736
	Zone 1967 Reservoir Att.Description	Gal	_1,500,000 Sum of Quantity: 6,200	\$ Unit Price \$ 55.90	\$ 2,250,000 \$ 25,367,736 Total 4,252 \$ 346,580
	Zone 1967 Reservoir Alt Description	Gal Gal LF LF	1,500,000 Sum of Quantity: 6,200 5,200	\$ 1.50	\$ 2,250,000 \$ 25,367,736 \$ Total 4255 \$ 346,580 \$ 508,820
Category 35.994 Sewer	Zone 1967 Reservoir Alt.Description 10° VCP 12° Force Man 12° VCP	Gal Kristing LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600	\$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90	\$ 2,250,000 \$ 25,367,736 \$ Total 4255 \$ 346,580 \$ 508,820 \$ 111,840
	Zone 1967 Reservoir Alt.Description 10" VCP 12" Force Man 12" VCP 18" VCP 18" VCP	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100	\$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980
	Zone 1967 Reservoir Alt Description To VCP 12" Force Man 12" VCP 18" VCP 18" VCP 24" VCP	Gal Gal LF LF LF LF LF LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100	\$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 362,170
	Zone 1967 Reservoir Alt.Description 10" VCP 12" Force Man 12" VCP 18" VCP 18" VCP	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100	\$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000
	Zone 1967 Reservoir Att Description To "VCP 12" Force Man 12" VCP 13" VCP 24" VCP 24" VCP 24" VCP Extra Depth	Gal Unit LF LF LF LF LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70 \$ 182.00	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000
	Zone 1967 Reservoir Alt Description III VCP IIII Force Man IIII VCP IIIII VCP IIIII VCP IIIII VCP IIIII VCP IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Gal Unit LF LF LF LF LF LF LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840
	Zone 1967 Reservoir Alt Description It is a second	Gal LF LF LF LF LF LF LF LF LF LF LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4,160.00	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840 \$ - 13,705
	Zone 1967 Reservoir Alt.Description U* VCP 12" Force Man 12" VCP 18" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" MCP 24" MCP 6" Clean out	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149 14	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70 \$ 182.00 \$ 182.00 \$ 260.00 \$ 4,160.00 \$ 978.90 \$ 69.90	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960
	Zone 1967 Reservoir Alt.Description To" VCP 12" Force Man 12" VCP 18" VCP 24" NCP 24" VCP 24"	Gal LF LF LF LF LF LF LF LF LF LF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70 \$ 182.00 \$ 182.00 \$ 260.00 \$ 4,160.00 \$ 978.90 \$ 69.90	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ 13,705 \$ 27,960
	Zone 1967 Reservoir          Att.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         24" VCP         6" Crean out         6" Force Main         6" VCP	Gal Unit LF LF LF LF LF LF LF LF Ea Ea LF LF Ea LF LF Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 260.00 \$ 4,160.00 \$ 978.90 \$ 69.90 \$ 34.95	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 93,600
	Zone 1967 Reservoir          Att Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Force Main         6" YCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads	Gal Unit LF LF LF LF LF LF LF LF Ea Ea Ea LF Ea SF	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 14 400 800 15	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 126.90 \$ 34.95 \$ 69.200 \$ 34.95 \$ 69.200	\$ 2,250,000 \$ 25,367,736 <b>Total 4</b> .25 <b>S</b> 346,580 <b>S</b> 508,820 <b>S</b> 111,840 <b>S</b> 369,980 <b>S</b> 352,170 <b>S</b> 364,000 <b>S</b> 702,000 <b>S</b> 619,840 <b>S</b> - 13,705 <b>S</b> 27,960 <b>S</b> 27,960 <b>S</b> 93,600 <b>S</b> 1,816,435
	Zone 1967 Reservoir          Alt Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         24" VCP         24" VCP         6" Force Main         6" Force Main         6" Force Main         6" VCP         80" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149 14 400 800 800 15 43,300 206,400 164	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 89,331
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades	Gal LF LF LF LF LF LF LF LF Ea Ea LF Ea Ea LF Ea Ea Ea Ea Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 89,331 \$ 89,331
	Zone 1967 Reservoir          Att.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         6" Clean out         6" Force Main         6" VCP         48" Manhole         6" Clean out         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 260.00 \$ 260.00 \$ 260.00 \$ 34.95 \$ 6,240.00 \$ 2.55 \$ 544.70 \$ 544.70 \$ 838.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 364,000 \$ 702,000 \$ 364,000 \$ 702,000 \$ 364,000 \$ 364,
	Zone 1967 Reservoir         Att.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         6" Clean out         6" Force Main         6" VCP         60" Manhole         6" VCP         8" VCP         48" Manhole         6" Clean out         6" Cree Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection	Gal LF LF LF LF LF LF LF LF Ea Ea LF Ea Ea Ea Ea Ea Ea Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 1.55.90 1.55.90 1.25.80 1.125.80 1.	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 362,170 \$ 364,000 \$ 362,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 364,000 \$ 702,000 \$ 364,000 \$ 364,
	Zone 1967 Reservoir          Att Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing	Gal LF LF LF LF LF LF LF LF Ea Ea LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1 800	\$ 1.50 1.50 1.50 1.50 1.55.90 5.55.90 5.97.85 5.69.90 5.125.80 5.125.80 5.167.70 5.182.00 5.167.70 5.182.00 5.167.70 5.182.00 5.167.70 5.182.00 5.167.70 5.182.00 5.167.70 5.177.70 5.177.70 5.177.70 5.177.70 5.177.70 5.177.70 5.177.70 5.1	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 3619,840 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 3,600 \$ 1,816,435 \$ 526,320 \$ 389,331 \$ 5,870 \$ 2,080 \$ 16,800
	Zone 1967 Reservoir          Att Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole         6" VCP         60" Manhole         6" VCP         60" Manhole         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates	Gal           LF           Ea           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 14 400 800 15 43,300 206,400 164 164 164 164 164 164 164 14 800 400 1	\$ 1.50 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4,160.00 \$ 978.90 \$ 69.90 \$ 69.90 \$ 34.95 \$ 6,240.00 \$ 41.95 \$ 2.55 \$ 544.70 \$ 544.70 \$ 338.50 \$ 2,080.00 \$ 21.00 \$ 14,300.00	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 369,980 \$ 111,840 \$ 369,980 \$ 352,170 \$ 364,000 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 27,960 \$ 2,080 \$ 1,816,435 \$ 5,870 \$ 36,000 \$ 5,870 \$ 2,080 \$ 16,800 \$ 57,200
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         24" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing	Gal           LF           Ea           Ea           LF           Ea           Ea           LF           Ea           Ea	1,500,000  Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,100 2,000 2,700 149 14 400 800 15 43,300 206,400 164 164 7 1 1 800 800 4 7 21 1 800 4 7 29	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 27,960 \$ 336,000 \$ 619,843 \$ 5,870 \$ 2,080 \$ 39,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 57,200 \$ 611,267
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         48" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 14 400 800 15 43,300 206,400 164 164 7 1 800 44 729 1,200,000	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 9,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 57,200 \$ 57,200 \$ 9,00,000 \$ 611,267 \$ 900,000
	Zone 1967 Reservoir          Alt.Description:         Alt.Description:         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         Mobilization	Gal	1,500,000 Sum of Quantity: 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 206,400 164 164 164 164 7 1 800 4 7 1 800 4 7 20 800 800 800 800 800 800 800 800 800	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 1.55.90 1.55.90 1.25.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125 1.1	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 27,960 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 9,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 57,200 \$ 900,000 \$ 611,267 \$ 900,000
	Zone 1967 Reservoir          Att.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Cree Main         6" VCP         48" Manhole         6" Cree Main         6" VCP         48" Manhole         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         Mobilization         MWD Crossing	Gal           LF           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1 800 4 7 1 800 4 7 1 800 4 7 20 1,200,00 8 22	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 5.55.90 5.125.80 5.125.80 5.125.80 5.125.80 5.167.70 5.182.00 5.111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.1111.180.00 5.11111.180.00 5.11111.180.00 5.11111 5.1111 5.1111 5.1111 5.1111 5.1111 5.111 5.111 5.111 5.111 5.111 5.111 5.111 5.111 5.111	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ 702,000 \$ 619,840 \$ 27,960 \$ 2,080 \$ 36,270 \$ 36,270 \$ 2,080 \$ 36,270 \$ 36,2700 \$ 36,270
	Zone 1967 Reservoir          Att.Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         60" Manhole         6" VCP         60" Manhole         6" VCP         Adjust Manholes to Final Grades         Adjust Manholes to Final Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         MwD Crossing         Remove B&M Plug	Gal LF LF LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1 800 4 7 1 800 4 7 1 800 4 7 2 1 800 800 8 2 3 3	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 5.55.90 5.125.80 5.125.80 5.125.80 5.125.80 5.125.80 5.125.80 5.125.80 5.125.8	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 362,170 \$ 364,000 \$ 362,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 27,960 \$ 2,080 \$ 1.816,435 \$ 526,320 \$ 389,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 5,7200 \$ 611,267 \$ 900,000 \$ 22,360 \$ 22,360 \$ 22,360 \$ 22,516 \$ 22,516 \$ 2,051 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 22,516 \$ 2,516 \$ 2,516
	Zone 1967 Reservoir          Att Description         10" VCP         12" Force Man         12" VCP         18" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" CVCP         60" Manhole         6" Cree Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         Mobilization         MWD Crossing         Remove B&M Plug         Steel Casing	Gal           LF           Ea           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 164 77 1 800 40 77 1 800 4 729 1,200,000 8 2 3 1,200	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 1.55.90 1.25.80 1.25.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.128.00 1.128.850 1.128.00 1.128.850 1.1288.850 1.12888.850 1.1288 1.1288 1.128 1.128 1.1288 1.128 1.128 1.128 1.128 1	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 368,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 702,000 \$ 27,960 \$ 22,360 \$ 2,080 \$
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         24" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         80" VCP         80" VCP         60" Manhole         6" Torce Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         MwD Crossing         Remove B&M Plug         Steel Casing         SwPPP Sandbags, Visqueen	Gal           LF           Ea           Ea           LF           Ea           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,100 2,700 149 14 400 800 15 43,300 206,400 164 164 164 77 1 1 800 4 729 1,200,000 8 2 2 3 1,200 54,500	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 1.55.90 1.25.80 1.25.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125.80 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.125 1.260.00 1.223.60	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ - 13,705 \$ 27,960 \$ - 13,705 \$ 27,960 \$ - 13,705 \$ 27,960 \$ - 3,705 \$ 27,960 \$ - 3,705 \$ 27,960 \$ - 13,705 \$ - 2,080 \$ - 2,080 \$ - 2,080 \$ - 2,080 \$ - 2,280 \$ - 2,280
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         24" VCP         6" Clean out         6" Force Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         Mobilization         MWD Crossing         Remove B&M Plug         Steel Casing         SWPPP Sandbags, Visqueen         Temporary Lift Station	Gal           LF           Ea           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 14 400 800 15 43,300 206,400 164 164 164 77 1 800 44 729 1,200,000 88 2 3 1,200 54,500 1,200,000	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ 2,250,000 \$ 25,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 28,931 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 9,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 5,7200 \$ 611,267 \$ 900,000 \$ 224,000 \$ 22,360 \$ 2,516 \$ 268,320 \$ 38,150 \$ 780,000
	Zone 1967 Reservoir          Alt.Description         Alt.Description         10" VCP         12" Force Man         12" VCP         24" VCP         24" VCP         24" VCP         24" VCP         48" Manhole         6" Clean out         6" Force Main         6" VCP         80" VCP         80" VCP         60" Manhole         6" Torce Main         6" VCP         60" Manhole (depths 15'-20')         8" VCP         Access/Maintenance Roads         Adjust Manholes to Final Grades         Adjust Manholes to Interim Grades         Brick plug at line terminus         Core MH for 15" connection         Fencing         Gates         Join Existing         Lift Station         MwD Crossing         Remove B&M Plug         Steel Casing         SwPPP Sandbags, Visqueen	Gal           LF           Ea           Ea           LF           Ea           Ea	1,500,000 Sum of Quantity: 6,200 5,200 1,600 2,100 2,100 2,100 2,700 149 14 400 800 15 43,300 206,400 164 164 164 77 1 1 800 4 729 1,200,000 8 2 2 3 1,200 54,500	\$ 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.55.90 1.55.90 1.25.80 1.15.80 1.15.80 1.15.80 1.15.80 1.15.80 1.100 1	\$ 2,250,000 \$ 26,367,736 \$ 346,580 \$ 508,820 \$ 111,840 \$ 389,980 \$ 352,170 \$ 364,000 \$ 702,000 \$ 619,840 \$ - 13,705 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 27,960 \$ 26,320 \$ 93,600 \$ 1,816,435 \$ 526,320 \$ 9,331 \$ 89,331 \$ 5,870 \$ 2,080 \$ 16,800 \$ 5,870 \$ 2,080 \$ 16,800 \$ 5,7200 \$ 224,000 \$ 22,510 \$ 22,510 \$ 22,510 \$ 38,150 \$ 760,000 \$ 113,035

Category Alt Description

i

à

Recycled Water	18" Gate Valve	Ea	16	\$ 5,800.00	\$ 92,800
	18" PVC	LF	21,100	\$ 60.65	\$ 1,279,715
	12" Gate Valve	Ea	12	\$ 1,500.00	\$ 18,000
	12" PVC	LF	22,300	\$ 45.10	\$ 1,005,730
	2" Water Service	Ea	75	\$ 2,210.00	\$ 165,750
	8" Gate Valve	Ea	13	\$ 2,500.00	\$ 32,500
	8" PVC	LF	22,300	\$ 25.70	\$ 573,110
	Air Vac	Ea	3	\$ 4,400.00	\$ 13,200
	Blow-off	Ea	3	\$ 5,100.00	\$ 15,300
	Join Existing	Ea	8	\$ 1,100.00	\$ 8,800
	Mobilization	LS	5	\$ 24,800.00	\$ 124,000
	New Pump Station	Gal	1,600,000	\$ 0.20	\$ 320,000
	Other Fittings	Ea	4	\$ . –	\$ 
	Steel Casing		1,800	\$ 223.60	\$ 402,480
	SWPPP Compliance	LF	65,700	\$ 0.70	\$ 45,990
	Traffic Control	LF	65,700	\$ 2.35	\$ 154,395
	Zone1850 1.5 MG Reservoir	Gal	1,600,000	\$ 1.10	\$ 1,760,000
					\$ 6,011,770

<u>ts</u> \$

40,567,844

2,535,490 2,535,490 2,434,071 253,549

7,758,600 1,933,058

9,691,658

Soft Costs	
Design (6.25%)	\$
Field Support (6.25%)	\$
Plan Check and Inspection Fees (6%)	\$
Reprographics (10% of Design)	
	\$
Administration (4%)	\$
Soft Cost Total	\$

Summary of Other Utilities

Means and Methods	
General Condition (1.5%)	\$ 608,518
Fee (4%)	\$ 1,622,714
Insurance (0.75%)	\$ 304,259
Permits (1.5%)	\$ 608,518
Bonds(1.5%)	\$ 608,518
	\$ 3,752,526

Sub-Total	\$ 54,012,027
Contingency @20%	\$ 10,802,405
Grand Total	\$ 64,814,433

#### Notes:

i

4

Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category 200				
Dry Utilities	Contractor Installation Costs (mains)	LS	5,641,130	\$ 5,641,130
	Mobilization	LS	8	\$ 745,750
	MVU Sub-station New 128KW	LS	2	\$ 18,240,000
	MVU Sub-station Upgrade	LS	1	\$ 7,500,000
	Relocate High Voltage Power Lines	Ea	1	\$ 50,000
	SCE New US No. 268	LS	1	\$ 530,000
	SCE Relocation US No. 124	LS	2	\$ 1,408,000
	SCE Relocation US No. 127	LS	1	\$ 957,000
	SCE Relocation US No. 129	LS	1	\$ 22,000
	SCE Relocation US No. 227	LS	1	\$ 620,000
	SCE Relocation US No. 630	LS	1	\$ 2,912,000
				\$ 38,625,880

Sub-Total Contingency @20%	-	<b>51,426,497</b> 10,285,299
	\$	3,572,894
Bonds(1.5%)	\$	579,388
Permits (1.5%)	\$	579,388
Insurance (0.75%)	\$	289,694
Fee (4%)	\$	1,545,035
General Condition (1.5%)	\$	579,388
Means and Methods		
Soft Cost Total	\$	9,227,723
Administration (4%)	\$	1,840,523
	\$	7,387,200
Reprographics (10% of Design)	\$	241,412
Plan Check and Inspection Fees (6%)	\$	2,317,553
Field Support (6.25%)	\$	2,414,118
Design (6.25%)	\$	2,414,118
Soft Costs		

ā

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Dry Utilities	Alt Description	10		¢	1.676.000
Jry Otinues		L3		Φ	<u></u>
	Questar Relocation US No. 635	LS	1	\$	688,000
	SCG Relocation US No. 233	LS	1	\$	3,900,000
	SCG Relocation US No. 241	LS	1	\$	698,000
	SCG Relocation US No. 633	LS	1	\$	1,513,000
	SCG Relocation US No. 644	LS	1	\$	2,820,000
	Verizon Relocation US No. 274	LS	1	\$	76,000
				\$	11,371,000

Soft Costs	
Design (6.25%)	\$ 710,688
Field Support (6.25%)	\$ 710,688
Plan Check and Inspection Fees (6%)	\$ 682,260
Reprographics (10% of Design)	\$ 71,069
	\$ 2,174,704
Administration (4%)	\$ 541,828
Soft Cost Total	\$ 2,716,532
Means and Methods	
General Condition (1.5%)	\$ 170,565
Fee (4%)	\$ 454,840
Insurance (0.75%)	\$ 85,283
Permits (1.5%)	\$ 170,565
Bonds(1.5%)	\$ 170,565
	\$ 1,051,818
Sub-Total	\$ 15,139,349
Contingency @20%	\$ 3,027,870
Grand Total	\$ 18,167,219

.

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

•		
Cindy Miller	,3	
From: Sent: To: Cc: Subject: Attachments:	Cindy Miller Tuesday, May 14, 2013 9:04 AM 'towings123@gmail.com'; Tom Owings Jane Halstead, Juliene Clay; Ewa Lopez; Kathy Gross FW: Document Request - FPPC Files: Dohors - Whitney, James Form 461 - 01 14 13 pdf; Form 461 - 6/30-12.pdf; Form 461 - 10 25 2012 2 pages 461 - 10-4-12 pdf; Jernigan James Form 461.pdf	.pdf; Form
Hard copies printed a	and placed on your desk	12
	2013 8:01 AM Gross; Cindy Miller; Juliene Clay lest - FPPC Files: Donors - Whitney, James	
Are enclosed.		
I will email the remaining f	files soon.	
Thank you, Ewa Lopez, CMC Deputy City Clerk City Clerk's Office City of Moreno Valley P.O. Box 88005 14177 Frederick Street Moreno Valley, CA 92552		
MORINO WALLAN	OVAL .	
From: Cindy Miller Sent: Monday, May 13, 20 To: Jane Halstead Cc: Juliene Clay; Ewa Lope Subject: Mayor - Documen	ez; Kathy Gross	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Mayor Owings reques	sted the following:	
<ul> <li>World Logistics         <ul> <li>when Wl name)</li> <li>rezoning</li> </ul> </li> </ul>	c Development Plan s Center LC has been presented to City Council (may have been under a diffe g of the property or 2007, 2008, 2012 (including Jerry Stephens and Iddo Benzeevi)	rent

MV00227630

# **Cindy Miller**

From: Sent: To: Cc: Subject: Attachments:	12 31 10.pdf; 12 31 11.pdf; Forr	il.com /a Lopez; Kathy Gross onors - Fairview, Stephens, Palm Desert n 461 01-14-13.pdf; Form 461 6-30-12.pdf; Form 461 10 25 0-4-12 Stephens Jerome.pdf; Form 461 12-31-08.pdf; Form
Follow Up Flag: Flag Status:	Flag for follow up Flagged	334
Hard copies printe	ed and placed on your desk	7 2
	ne Clay; Jane Halstead; Kathy Gross ontributions: Donors - Fairview, Steph	I 3 7 ens, Palm Desert 3 2
Thank you, Ewa Lopez, CMC Deputy City Clerk City Clerk's Office City of Moreno Valley P.O. Box 88005 14177 Frederick Stree Moreno Valley, CA 929 e: <u>ewal@moval.org</u> w: <u>www.moreno-valley</u>	552	23
MORINO VALLEY	MOVAL	
From: Cindy Miller Sent: Monday, May 13	3, 2013 2:58 PM	

Sent: Monday, May 13, 2013 2:58 PM To: Jane Halstead Cc: Juliene Clay; Ewa Lopez; Kathy Gross Subject: Mayor - Document Request

Mayor Owings requested the following:

- 2012 Economic Development Plan
- World Logistics Center
  - when WLC has been presented to City Council (may have been under a different name)

- rezoning of the property
   FPPC donors for 2007, 2008, 2012 (including Jerry Stephens and Iddo Benzeevi)

# Thanks,

# Cindy

Cindy A. Miller Executive Assistant to Mayor / City Council City Council Office City of Moreno Valley 14177 Frederick St. P.O. Box 88005 Moreno Valley, CA 92552-0805 •

E: <u>cindym@moval.org</u> w: <u>www.moval.org</u>



HORENO VALLEY RECEIVED

City Manager's Office

# 13 FEB 12 PH 2: 55

# MEMORANDUM

To: Mayor, Mayor Pro Tem, and Members of the City Council

From: Michelle Dawson, Assistant City Manager

Date: February 12, 2013

Subject: Staff Follow Up on Consensus Items Identified at Council Workshop

Staff is following up on your items from the February 2 Council Workshop per the following timeframes:

Council item on future agenda to take action on Charter Subcommittee, with a Citizens Review Committee, 2014 election:

• The City Manager's Office and City Attorney are preparing a staff report for the Feb. 26<sup>th</sup> regular Council meeting

Directly-elected Mayor:

• To be discussed as part of the Charter drafting process

Efforts of city to focus on medical corridor:

• This area is included in the 3-Year Economic Development Action Plan

Highest/best use study for 60 acres on Nason owned by the City:

• Initiating the RFP process in April to retain a planning consultant (note that we are already doing this for the SR 60 East overlay)

Seek innovative measures to enhance Economic Development efforts:

Included in overall Economic Development effort

Business incubators - higher priority:

• Program idea will be presented at the April 11 Economic Development Subcommittee meeting

Emphasize incentives for ecommerce fulfillment centers:

 To be discussed at the June 13 Economic Development Subcommittee meeting Mayor and City Council Staff Follow Up on Consensus Items Identified at Council Workshop February 12, 2013 Page 2

Continue to emphasize residential development:

• This is included in the 3-year Economic Development Action Plan

Performing arts overlay:

• To be discussed at the June 13 Economic Development Subcommittee meeting

Mayor's council on education a priority:

• The City Manager's Office is preparing a staff report for the Feb. 26<sup>th</sup> regular Council meeting

Augment street maintenance budget in 1-2 yrs.:

• Will be discussed as part of the budget development process

More aggressive flood control enforcement:

• First notifications to owners of privately-owned dirt channels were sent out in October; second notices pending.

Develop neighborhood program:

 To be discussed at the May 7 Economic Development Subcommittee meeting

Balance General Fund budget in FY 13/14 (but also present a 2-yr option):

• Options will be discussed with Council Members initially at their 1 on 1 meetings with the budget team April 22-29

Discuss unfunded liabilities w/3 yr budget:

• Scheduled for April 16 Study Session

Study session: surplus properties:

Scheduled for March 19 Study Session

Conduct Neighborhood budget meetings:

• To be held in each Council District between May 6-30

Include Sunnymead Blvd on Economic Development list:

• This is included in the 3-year Economic Development Action Plan

# **ECONOMIC DEVELOPMENT ACTION PLAN 2013-2016**

An updated Economic Development Action Plan has been formulated to capitalize on near-term opportunities in eight geographic areas during a 3-year time frame. The focus of the updated Economic Development Action Plan includes the following goals and objectives in the nine recommended geographic areas:

# **Edgemont**

Pursue the revitalization of the Edgemont area through the adoption of a multi-faceted redevelopment strategy.

- Work towards the upgrading the water system to ensure sufficient water pressure to allow for new development projects in this area.
- Use Neighborhood Stabilization program funding to acquire and land bank foreclosed propertiesboth single-family and multi-family residential.
- Conduct quarterly Neighborhood Clean-up programs.
- Retain a planning consultant to evaluate land uses to establish the highest and best land use designations for redevelopment efforts.
- Pursue a master developer to assist with the planning for redevelopment in the Edgemont area.

## **TownGate**

Collaborate with the Fritz Duda Company and CW Capital towards stabilizing, upgrading and expanding retail and restaurant development opportunities in the TownGate area including the Moreno Valley Mall and the five shopping centers surrounding the regional mall including TownGate Center, TownGate Plaza, TownGate Crossing, TownGate Promenade and TownGate Square

- Continue to work with CW Capital-the owner of the Moreno Valley Mall in upgrading and attracting new users to the regional mall.
- Facilitate the planning and marketing for a 30,000 S.F. expansion project at the Moreno Valley Mall to include a new restaurant, retail and plaza area next to Harkins Theatres.
- Work with the Fritz Duda Company in the re-occupancy of vacant retail spaces and the overall stabilization of TownGate Center including new uses such as ULTA Beauty, BevMo and Planet Fitness.
- Assist in the processing of development plans for new projects in TownGate shopping centers including 24 Hour Fitness Sport, Miguel's Jr. Mexican Restaurant and Richie's Real American Diner.
- Cooperate with the Fritz Duda Company in pursuing the continued development of a 'Restaurant Row' area in TownGate Promenade.

# <u>Festival</u>

Cooperate with the Kodash Company and Miller Family Trust-the ownership of the Festival Center, to explore ways to redevelop or enhance the viability of the Festival Center including rehabilitation efforts and incorporating new appropriate land uses.

- Help facilitate attracting new users and the upgrade of the Festival Center.
- Explore developing a new residential component at the Festival Center.
- Explore possibilities with Moreno Valley Unified School District of developing new education facilities at Festival.
- Pursue an overlay study to consider other uses at Festival including possibly cultural & performing arts facilities, along with developing sports or recreation facilities for use by the community to create a mixed-use development concept.

# Sunnymead Boulevard

Work towards the further redevelopment of Sunnymead Boulevard, between Frederick Street to Perris Boulevard.

- Conduct a code compliance effort aimed at enhancing the image of Sunnymead Boulevard.
- Pursue new users and development projects for Sunnymead Boulevard.
- Market mixed-use development opportunities for Sunnymead Boulevard that combine new residential projects with retail and office uses.

# **Centerpointe Business Park**

Work with Ridge Property Trust and USAA Real Estate to expand development and business opportunities aimed at completing the Centerpointe Business Park.

- Assist Ridge Property Trust and Harbor Freight Tools (HFT) in the 507,720 S.F. expansion of HFT's Distribution Center at the NW corner of Cactus and Graham.
- Facilitate efforts for a user to occupy USAA's new 522,774 S.F. Centerpointe Logistics Center at the NW corner of Cactus and Frederick.
- Help advance the development of Ridge Property Trust's approved 607,960 S.F. industrial building at the NW corner of Brodiaea and Graham.
- Facilitate expansion plans for the Serta Mattress facility.
- Work with the owner of the Plaza Del Sol Center in stabilizing the center to provide needed shopping and restaurant opportunities in the Centerpointe Business Park area.

# South Moreno Valley Industrial Area

Work with seven developers (Alere Property Group, First Industrial Realty Trust, IDS Real Estate Group, Panattoni Development Co., Sares-REGIS Group, Trammell Crow Company & Western RealCo) on new business attraction and development projects in the South Moreno Valley Industrial Area.

- Work with IDS Real Estate Group in securing a business user for the new 769,320 S.F. Nandina Distribution Center.
- Facilitate the completion of Trammell Crow Company's 1,250,000 S.F. I-215 Logistics Center project, including securing a user.

- Cooperate with First Industrial Realty Trust and Panattoni Development Co. in pursuing the speculative development of two industrial buildings with a total of nearly 2 million S.F.
- Assist Sares-REGIS Group and Western RealCo in build-to-suit opportunities for two approved industrial building projects with a total of more than 3.6 million S.F.
- Work with Alere Property Group, First Industrial Realty Trust and Trammell Crow Co. in the planning and entitlements for several new industrial projects with a proposed 4 million S.F.

# **<u>City Center Medical/Healthcare Corridor</u>**

Cooperate with Riverside County Regional Medical Center (RCRMC), Kaiser Permanente, Moreno Valley College and Highland Fairview to help facilitate the further expansion of the City of Moreno Valley's Medical/Healthcare Corridor on Nason Street & Iris Avenue.

- Assist Riverside County with the implementation of the Master Plan for expanding the Riverside County Regional Medical Center including a new Trauma & Urgent Care, relocated & upgraded Operations Support building and facilities for the new UCR School of Medicine.
- Facilitate plans by Kaiser Permanente to expand the Moreno Valley Community Hospital with an expansion and upgrade of the Emergency Room facilities and development of a planned second tower.
- Cooperate with Moreno Valley College and Riverside Community College District in the development of a proposed 30,000 S.F. allied health sciences facility in the medical-healthcare corridor.
- Support the planning and marketing efforts of Highland Fairview to pursue the creation of a master planned 200-acre healthcare campus to be situated within the medical corridor and between the two existing hospitals-RCRMC and Kaiser's Community Hospital.
- Continue the planning and funding of capital improvement projects that will widen and construct the ultimate improvements on Nason Street from SR 60 to Iris Avenue to provide critical access to the two hospitals and the medical/healthcare corridor.
- The continued development of Medical/Healthcare corridor on Nason Street and Iris Avenue shall be the City's top priority for new medical and healthcare development.
- Undertake a study to determine highest and best land uses for the City-owned 60-acre property at the NW corner of Nason and Alessandro.

# World Logistics Center at Rancho Belago

Collaborate with Highland Fairview in the development of the World Logistics Center—a 41.6 million S.F. master planned corporate park proposed to be developed on 2,700 acres in the Rancho Belago area of eastern Moreno Valley.

- Process an Environmental Impact Report and preliminary development plans for the World Logistics Center in eastern Moreno Valley—south of SR 60 and east of Redlands Boulevard to Gilman Springs Road.
- Assist in the drafting of a Specific Plan that will guide the orderly development for of World Logistics Center.
- Cooperate with Highland Fairview in the formulation of a Development Agreement to create a public-private partnership to help facilitate the development of new public infrastructure in eastern

Moreno Valley associated with the World Logistics Center including roads, trails, utilities, storm water protection and fire protection facilities.

• Work with Highland Fairview in branding the World Logistics Center as one of the largest ecommerce focused development projects in the U.S.

# SR 60 East Corridor

¢

Pursue new development opportunities along the SR 60 East corridor—from Nason Street to the easterly City limits.

- Prepare an Overlay Study to determine the 'highest and best' land uses along the SR 60 East Corridor.
- Assist property owners and developers in marketing development opportunities along the SR 60 East Corridor.
- Work on opportunities to expand the Moreno Valley Auto Mall.
- Facilitate the stabilization and further development of Stoneridge Towne Centre and Moreno Beach Plaza.

In addition to activities in the eight geographic areas, a series of objectives are being recommended to assist with overall economic development efforts to assist with Business Attraction, Business Retention and Business Expansion including the following:

- Continue to coordinate the Capital Program (CIP) with economic development efforts
- Expand the Development Ombudsman Program to provide a comprehensive range of business support services for developers and businesses
- Restart the Business Visitation Program, including the participation of the Mayor in 1 on 1 visits annually with the Top 50 with the major employers in the community
  - Implement new software that will enable business owners, developers, contractors and residents to electronically submit and manage their plans with the City of Moreno Valley
  - Utilize the Chambers of Commerce to expand participation in the Small Business Counseling Services provided by the Small Business Development Center (SBDC)
  - Work with the Community Investment Corporation in a the development of a business incubator and micro-business loan program
  - Pursue the reuse of vacant anchor retail spaces, including the use of the new ED-Retail Anchor Reuse Incentive Program
  - Explore revising the scopes of work with the Agreements the Chamber of Commerce to better focus on business retention and expansion activities, including expansion of Shop MoVal, as well as establishing a program to promote more business to business transactions in Moreno Valley
  - Utilize the Chambers of Commerce to undertake a survey of the small business community on ways to improve the business climate in Moreno Valley
  - Use the Chambers of Commerce to assist with increasing high school graduation rates in the community through the development of mentor programs to link students with business leaders
  - Pursue the creation of a Business Support Advisory Council comprised of major employers in Moreno Valley

• Seek ways to promote opportunities for more ties between cultural & performing arts in the community with economic development

° °

- Explore creating an incentive program aimed at attracting development projects with e-commerce or fulfillment center users
- Continue to work with residential developers and the Building Industry Association (BIA) on ways to help facilitate new quality residential development in Moreno Valley

# Council/Staff Workshop

# Council Chamber February 2, 2013

# Topic: 3-Year Economic Development Action Plan

#### Background:

- In April 20011, Moreno Valley approved a 2-Year Economic Development (ED) Action Plan to capitalize on economic development opportunities in the short-term.
- The 2-Year ED Action Plan identified goal and objectives to advance economic development efforts in five geographic areas of the City including 1) TownGate, 2) Centerpointe Business Park, 3) South Moreno Valley Industrial Area, 4) City Center and 5) Eastern Moreno Valley-Rancho Belago.
- The 2-Year ED Action Plan also embraced the idea of strategically focusing the funding of
  projects within the Capital Improvement Program (CIP) to areas that can leverage economic
  development efforts.
- The advancement of a number of projects identified in the ED Action has been accomplished during the initial 15 months of the 2-Year ED Action Plan.

#### **Discussion:**

- A new 3-Year ED Action Plan has been drafted that would expand the focus of the ED Action Plan to eight geographic areas including 1) Edgemont, 2) TownGate, 3) Festival, 4) Centerpointe Business Park, 5) South Moreno Valley Industrial Area, 6) City Center & Medical/Healthcare Corridor, 7) World Logistics Center at Rancho Belago and 8) SR 60 East Corridor.
- The ED Action Plan is also recommended to include ten objectives aimed at increasing overall economic development efforts with 1) Business Attraction, 2) Business Retention and 3) Business Expansion.
- The preliminary schedule for the consideration and approval of the 3-Year ED Action Plan includes:
  - Economic Development Subcommittee will review and evaluate the ED Action Plan on March 14
  - 2. ED Action Plan will be discussed at the April 2 City Council Study Session
  - 3. ED Action Plan will be considered for approval by the City Council on April 23

# ECONOMIC DEVELOPMENT ACTION PLAN

### 2011-2013

### **SUMMARY OF INITIAL 15 MONTHS**

### JOBS CREATED IN 5 EDAP AREAS

- Distribution/Manufacturing 1,522
- Office/Healthcare 395
- Automobile Dealerships 77
- Retail/Restaurant 567
- Total 2,560

### CONSTRUCTION JOBS CREATED

• 5,736

### **Harbor Freight Tools**

- Opened new 779,016 S.F. Distribution Center
- Opened 2<sup>nd</sup> DC-691,960 S.F
- Employ 430
- 507,720 S.F. expansion approved

### **Ceterpointe & South MV Industrial & Logistics Development**

- 3.23 million S.F. of Industrial Buildings started construction
- 3 million S.F. planned to start construction
- 10 million S.F. in planning process

### **Eastern Moreno Valley Development**

- Skechers USA Opens
- WestRidge approved/Negotiations Underway for 850,000 S.F. User
- World Logistics Center Planning Underway (EIR & SP)

### **City Center Development**

- \$75 million in CIP Projects
- Planning and Marketing for expansion of Medical/Healthcare Corridor
- RCRMC & Kaiser expansions
- Moreno Valley College Expansion
- Moreno Valley Auto Mall Expansion & Upgrade
- LA Fitness Coming to Moreno Beach Plaza

### TownGate

- Opening of New Retail Stores—TJ Maxx, HomeGoods, Rue 21
- Opening of New Restaurants—Buffalo Wild Wings, Five Guys Burgers, Chipotle
- Opening of Round 1



# ECONOMIC DEVELOPMENT

# **COMMERCIAL/RETAIL PROJECTS**

Moreno Valley Mall: New retailers now open at the 1.1 million sq. ft. Moreno Valley Mall include:

✓ **Round 1 Bowling & Amusement** – 46,000 sq. ft. family oriented entertainment center featuring 18bowling lanes.

darts, billiards, arcade games, karaoke and food & beverage service - NOW OPEN

✓ Lucy's Apparel – 1,200 sq. ft. children's formal clothing store – NOW OPEN

✓ Ballet Theatre Company – 4,795 sq. ft. dance studio – NOW OPEN

✓ Body Basics – 7,400 sq. ft. apparel store specializing in comfort wear, situated on the 1st floor – NOW OPEN

Rue 21 – Popular and affordable fashions for guys and girls in a 7,500 sq. ft. retail store – NOW OPEN

✓ Shellshock – 851 sq. ft. apparel and accessories store near the food court – NOW OPEN

✓ Triple O Lazer Tag – 4,416 sq. ft. team or individual sport and recreational facility on the 2nd floor – NOW OPEN

✓ Vanguard Art Gallery – 1,385 sq. ft. art gallery on 2nd floor – NOW OPEN

✓ Mente Maestra 247 – 4,377 sq. ft. retail store selling books, videos, vitamins and herbs on 2nd floor – TENANT

IMPROVEMENTS UNDERWAY

✓ Boba Express – 250 sq. ft. casual eatery serving sandwiches and wraps – NOW OPEN

TownGate Center and Plaza: Community shopping centers at the SWC of Frederick St. and SR 60. Tenants include Burlington Coat Factory, Ross Dress For Less, Catherine's, Regency Theatres, Chase Bank, Wells Fargo, Bank of America, California Bank & Trust, BJ's, Chili's, Acapulco, Olive Garden, Dollar Tree and Starbucks.

✓ **TJ Maxx and HomeGoods** – 51,000 sq. ft. super store – NOW OPEN

✓ **Don Patron Mexican Grill** – Occupies the former El Gran Burrito, next to Regency Theatres – NOW OPEN

✓ Boost Mobile – Cellular phone and accessories store next to Clearpath Credit Union and UPS Store – NOW OPEN

✓ Chipotle Mexican Grill – 2,040 sq. ft. quick-service restaurant featuring gourmet burritos and bowls

TownGate Crossing: 250,000 sq. ft. shopping center expanding at the SEC of Day St. and SR 60. Anchors include Lowe's, Sports Authority & 99¢ Only Store.

✓ Anna's Linens – NOW OPEN

✓ **Big Bowl** – NOW OPEN

✓ Super Cuts – Men's and women's hair salon to be situated next to Panera Bread – NOW OPEN

TownGate Promenade: 353,000 sq. ft. shopping center at the SEC of Day St. and Campus Pkwy. Tenants include Applebee's, Mimi's Cafe, Panda Express, Bakers, anchored by Costco, Ayres Hotel & Spa and Hampton Inn.

✓ Carino's Italian Grill – PROJECT CONSTRUCTION SUSPENDED

**TownGate Square:** A mixed-use development project anchored by **WinCo Foods** with 136,000 sq. ft. of retail/restaurant including **Portillo's**, plus 170,000 sq. ft. of approved office at the SEC of Gateway Dr. and Day St.

✓ Robertson's Ready Mix – CONSTRUCTION UNDERWAY FOR RELOCATION TO NEW SITE

✓ Miguel's Jr. Restaurant - 2,800 sq. ft. fast-casual restaurant, with drive-thru – PURCHASE

**Canyon Springs Plaza**: 417,000 sq. ft. community commercial center at the SWC of Day St. and Ironwood Ave.

✓ Go Natural Gas - CNG Fueling Station – NOW OPEN

✓ Lumber Liquidators – National hardwood flooring retail store – TENANT IMPROVEMENTS UNDERWAY

✓ Supporting Possibilities, Inc. – 15,400 sq. ft. adult daycare facility – APPROVED

✓ **IE Banquets** – 9,447 sq. ft. banquet facility – APPROVED

Moreno Valley Plaza: Multi-phase renovation of 341,000 sq. ft. commercial shopping center anchored by Office Depot, Superior Warehouse, Big Lots, Fallas, Harbor Freight Tools and CitiTrends at the SWC of Sunnymead Blvd. and Heacock St.

- ✓ McDonald's 3,838 sq. ft. fast food restaurant with drive-thru NOW OPEN
- ✓ Family Dollar -- 8,023 sq. ft. retail store -- NOW OPEN
- ✓ Harbor Freight Tools 15,280 sq. ft. retail store, occupying former Factory 2 U space NOW OPEN
- ✓ Sunnymead Florist 811 sq. ft. floral shop NOW OPEN
- ✓ Moreno Valley Plumbing Supplies 1,400 sq. ft. retail store NOW OPEN

**Moreno Valley Village:** 3rd location for **Fitness 19** who will occupy the 10,420 sq. ft former Discount Mart near Perris Blvd. and Elder Ave. – TENANT IMPROVEMENTS UNDERWAY

Stoneridge Towne Centre: 579,295 sq. ft. commercial center at the SEC of SR60 and Nason St., anchored by Super Target, Dress Barn, Kohl's, Office Max and includes U.S. Bank, Wachovia Bank, Visterra Credit Union, Chili's and Bob's Big Boy Restaurant.

✓ Audeo Charter Training Center – 2,674 sq. ft. facility – NOW OPEN

✓ China One – 1,600 sq. ft. Chinese restaurant – NOW OPEN

Sunnymead and Indian: Planned two building commercial development totaling 16,350 sq. ft. on 2.2 acres, located on Sunnymead Blvd., west of Indian Ave. at Back Way – APPROVED

Moreno Beach Plaza: 368,000 sq. ft. shopping center anchored by Walmart Super Center including Payless Shoes, Schools First Credit Union.

✓ Sprint – 3,300 sq. ft. retail store specializing in cellular equipment and accessories – NOW OPEN

✓ U.S. Bank – 1,000 sq. ft. branch inside Walmart Super Center, 3rd location in Moreno Valley – NOW OPEN

✓ LA Fitness – 40,770 sq. ft. sports club to occupy former Circuit City and Staples building –

Moreno Valley Auto Mall: Moss Bros. expansion of dealerships to include Volkswagen - NOW OPEN

Moreno Marketplace: 93,788 sq. ft. neighborhood shopping center at the NWC of Cactus Ave. and Moreno Beach Dr., anchored by Stater Bros., and includes Wells Fargo, Jack in the Box, Subway and Fantastic Sam's.

✓ Little Bambinos Pizza – 1,560 sq. ft. take-out pizza restaurant – TENANT IMPROVEMENTS UNDERWAY.

✓ **Rancho Belago Dance Company** – NOW OPEN

Alessandro Plaza: An existing neighborhood center, anchored by 24hr Fitness Center east of Heacock on Alessandro Blvd.

✓ Universal Strike – Renovation of existing 40,000 sq. ft. bowling alley to include arcade – NOW OPEN

Alessandro and Heacock: Relocation of existing restaurant and addition of mini-mart. 2,213 total sq. ft., Philippine restaurant, **P.I. Grill** to occupy 1,213 sq. ft., plus 1,000 sq. ft mini-mart, **Philippine Island Palangke**, to be located to the SEC – TENANT IMPROVEMENTS UNDERWAY

### Alessandro and Graham:

✓ Proposed 5,044 sq. ft. retail center at the NEC, including a planned 7-Eleven store, UPS Store, Flame Broiler restaurant and carwash – UNDER CONSTRUCTION

Alessandro and Lasselle: Proposed 140,000 sq. ft. retail center at NEC, anchored by 95,000 sq. ft. WinCo Foods, plus additional retail/restaurant space. – APPROVED/PROJECT SCHEDULE ON HOLD

Alessandro and Moreno Beach: Proposed mixed-use project at the SEC anchored by a 15,150 sq. ft. Rite-Aid – APPROVED/PROJECT SCHEDULE ON HOLD

Alessandro and Moreno Beach: Proposed 4,000 sq. ft. development at SWC, including convenience store/gas station/car wash – APPROVED

**Butterfield Valley Village:** 

✓ Boost Mobile – 2,508 sq. ft. cellular phone and accessories store – NOW OPEN

Cactus and Elsworth: Renovation of existing 3,000 sq. ft. restaurant to Gus Jr. Burgers – NOW OPEN

Cactus and Goldencrest: Value Windows & Doors - 126,418 sq. ft. manufacturing facility - IN PLAN

Cactus and Veterans Way: 14,208 sq. ft. recycling facility California Recycling Inc. - IN PLANNING

**Elsworth Plaza:** A mixed-use retail/office/restaurant project with three new buildings totaling 30,000 sq. ft. near the SWC of Alessandro Blvd. and Elsworth St. – New tenants include:

✓ Airy Body Care, Estates Furniture, Cabinets & Flooring, Gin Tay Hair Salon, Marinaj Banquet & Events Hall, and Graphix Lab, LLC – NOW OPEN

Family Dollar: 8,320 sq. ft. store just south of CVS at the SWC of JFK and Perris Blvd. – IN PLAN CHECK

Hometown Square: 14,900 sq. ft. building being renovated for new Dollar General near the NWC of Perris Blvd. and Cottonwood Ave. – NOW OPEN

Iris Plaza: 2,926 sq. ft. dance studio Tutu Barre – NOW OPEN

Lakeside Plaza: Neighborhood shopping center at the NWC of Lasselle and Iris Ave.

✓ Starbucks Coffee – 1,500 sq. ft. store – NOW OPEN

✓ Better Be Donuts – 1,239 sq. ft. donut stop – NOW OPEN

Lakeside Terrace: Neighborhood shopping center at the NEC of Lasselle St. and Iris Ave.

✓ Café Gossip – Korean BBQ/Teriyaki restaurant. A second location for this local favorite – NOW OPEN

Lakeshore Village Marketplace: 140,000 sq. ft. neighborhood shopping center anchored by Ralph's.

✓ Subway – 1,040 sq. ft. restaurant – NOW OPEN

✓ S Bar & Grill – 3,200 sq. ft. dine-in restaurant – NOW OPEN

Menlo Recycling: 9,089 sq. ft. recycling center near the SWC of Goldencrest Dr. and Elsworth St. - NOW

O'Reilly Automotive: 7,453 sq. ft. retail store at the SWC of JFK and Perris Blvd. - IN PLANNING

Perris and Elder: Major renovations to existing McDonald's restaurant - NOW OPEN

Perris and Eucalyptus: Bestteks 550 sq. ft. computer repair, maintenace and web design business - NOW

**Rancho Belago Plaza:** Retail/commercial center with two new buildings and a total of 14,000 sq. ft., located at the SWC of JFK and Moreno Beach Drives – APPROVED/PROJECT SCHEDULE ON HOLD

Tesco - "Fresh & Easy Neighborhood Market" with two locations open and two under development:

✓ Frederick St. and Cottonwood Ave. – STORE OPENING ON HOLD

✓ Ironwood Ave. and Heacock St. – STORE OPENING ON HOLD

### **HOTEL/HOSPITALITY**

Cactus and Elsworth: Proposed four-story Hawthorn Inn & Suites with 79-guest rooms – APPROVED Komar Cactus Plaza: Proposed four-story Marriott TownePlace Suites with 110-guest rooms – IN Olivewood Plaza Drive: Proposed three-story Sleep Inn Suites with 66-guest rooms – APPROVED

# MEDICAL/OFFICE

**Corporate Plaza:** 2,493 sq. ft. **Riverside Physician Services** medical office located at 13800 Heacock St. – **Integrated Care Communities:** 99-bed skilled care nursing facility in 44,252 sq. ft. Brodiaea Ave., west side of Nason St. – APPROVED/IN PLAN CHECK

**Jacobs Development:** 8-acre mixed-use project with 24,000 sq. ft. medical office, 3 buildings totaling 13,000 sq. ft. for Business Park/R and D, plus 80,000 sq. ft., (398 units w/caretakers quarters) self- storage at the SWC of Graham St. and Alessandro Blvd. – APPROVED/PROJECT ON HOLD

**Kaiser - Moreno Valley Medical Campus:** 75,000 sq. ft. medical office complex for **Kaiser Permanente** on Iris Ave., west of Moreno Valley Community Hospital – UNDER CONSTRUCTION

**Moreno Corporate Center:** 4,344 sq. ft. **Southern Illinois University** satellite campus at NEC of Elsworth St. and Goldencrest Dr. – TENANT IMPROVEMENTS UNDERWAY

Moreno Valley Professional Village: 130,000 sq. ft. medical/office at the SWC of Alessandro Blvd. and Veterans' Way. Tenants include: Moreno Valley Family Health Center, Moreno Valley Dental Clinic, DaVita Canyon Springs Dialysis and Westech College.

✓ Taco Bell -- Fast food, drive-thru restaurant. Taco Bell's first GREEN facility -- NOW OPEN

✓ Westech College – Addition of 12,560 sq. ft. to expand educational facility to 25,160 sq. ft. – NOW Olivewood Plaza: 22,758 sq. ft. three-story office building on 1.10 acres located north of Sunnymead Blvd. and west of Graham St. – APPROVED/PROJECT ON HOLD

**Real Living Premier Realty:** 12,520 sq. ft. two-story office building located at 23180 Hemlock Ave. – NOW OPEN

Red Tower Center: 10,798 sq. ft. shopping center located at Red Maple and Perris Blvd. New tenant: ✓ Pacific Dental Clinic - 1,200 sq. ft. dental office at 25025 Red Maple – NOW OPEN

**Renaissance Village of Moreno Valley:** A proposed 140-bed senior assisted living facility on the SWC of Moreno Beach Dr. and Brodiaea Ave. for a total of 98,400 sq. ft. on 7.33 acres – APPROVED

**Riverside Pediatric Medical Group/Mommy and Me:** 3,000 sq. ft. outpatient medical offices located at 24226 Sunnymead Blvd. – NOW OPEN

**Social Security Administration:** 19,679 sq. ft. office/hearing facility on the 3rd floor of building at NWC of Cactus and Veterans Way – NOW OPEN

TownGate Square: 170,000 sq. ft. of office space at the SEC of Gateway Dr., and Day St. - APPROVED

### INDUSTRIAL

### **Alere Property Group:**

 $\checkmark$  756,340 sq. ft. distribution center on the east side of Heacock St., north of Cardinal Way. Lowe's Home

Improvement expanded into entire building - LEASE TERMS EXPANDED/NOW OPEN

Apache Colonel Rogers Trust: 569,200 sq. ft. industrial complex with office and warehouse facilities. – Cemex Materials: Proposed concrete plant on Nandina Ave. west of Indian St. – APPROVED

**Centerpointe Business Park: Ridge Property Trust** is developing more than 2.66 million sq. ft. in 12 buildings (includes **Minka Lighting, ResMed, Serta Mattress, Frazee Paint** and **U.S. Postal Service Distribution Center**) – between Alessandro Blvd., Frederick St., Cactus Ave. and Heacock St. – SIX BUILDINGS OCCUPIED; THREE ADDITIONAL BUILDINGS APPROVED

✓ Harbor Freight Tools – Occupies a 779,016 sq. ft. distribution center at NWC of Cactus Ave. and Graham St.

Expansion plans of 507,720 sq. ft., totaling 1.28 million sq. ft. – IN PLANNING/EIR UNDERWAY ✓ 607,430 sq. ft. distribution/warehouse facility at the NWC of Brodiaea Ave. and Graham St. –

### **First Industrial Realty Trust:**

 $\checkmark$  First Inland Logistics Center – an 865,960 sq. ft. industrial/distribution facility in two buildings. North side of

Nandina Ave., west of Perris Blvd.

- 691,960 sq. ft. leased and occupied by Harbor Freight Tools - TENANT IMPROVEMENT

**Gateway Business Park:** 34 Industrial condos between 5,000 and 10,000 sq. ft., (184,036 total sq. ft.) south of Alessandro Blvd., west of Day St. – APPROVED/PROJECT ON HOLD

### **Highland Fairview**

 $\checkmark$  1.82 million sq. ft. distribution center for Skechers USA, along SR60 between Redlands Blvd. and Theodore St. – NOW OPEN

✓ Proposed specific plan for World Logistic Center – master planned 41 million sq. ft. corporate park on 2,800

**IDS/Real Estate Group: Nandina Distribution Center** – Two building complex with total of 1.82 million sq. ft., situated at NWC of Nandina Ave. and Indian St.

✓ Building A, 413,598 sq. ft. – APPROVED AND IN PLAN CHECK

✓ Building B, 769,320 sq. ft. – UNDER CONSTRUCTION

**Komar:** 283,100 sq. ft. industrial/distribution building on 13.75 acres at the SEC of Heacock Ave., and San Michele Rd. – APPROVED

**Panattoni Development Company: Inland Empire Global Logistics Center – 1.56 million** sq. ft. building at the SWC of Indian St. and Iris Ave. – APPROVED/ IN PLAN CHECK

**Overton Moore Properties- Centerpointe Logistics Center:** 

✓ 522,774 sq. ft. logistics-distribution building on 25.9 acres at the NWC of Cactus Ave. and Frederick St. – UNDER

**Prologis:** 2,224,419 sq. ft. proposed in six buildings on the south side of SR60 between Pettit St. and Quincy St. – IN PLANNING/EIR UNDERWAY

Rados: Proposed seven building project at NEC of Heacock St. and Iris Ave. with total of 619,127 sq. ft.

✓ 6 buildings ranging from 23,700 sq. ft. to 49,160 sq. ft. – APPROVED

✓ Proposed 409,598 sq. ft. warehouse distribution center – APPROVED

### **Ridge Property Trust - Westridge Commerce Center:**

✓ 943,800 sq. ft. building along the south side of SR60 between Quincy St. and Redlands Blvd. – APPROVED/IN

**Robertson's Ready-Mix:** Relocation of concrete plant for Old 215 Frontage Rd., south of Alessandro Blvd. – UNDER CONSTRUCTION

**Ross Stores Moreno Valley Distribution Center:** 

✓ 2nd Phase added 612,000 sq. ft., plus additional 285,000 sq. ft. mezzanine to the existing 686,000 sq.
 ft. building for a total of 1.58 million sq. ft. – EXPANSION COMPLETED/NOW OPEN

**Trammell Crow Company: I-215 Logistics Center** – Industrial warehouse in two buildings at the NWC totaling 1,705,000 sq. ft. industrial/distribution center development at the NEC of Heacock St. and San Michele Rd. – UNDER CONSTRUCTION

United Natural Foods Inc.: 613,174 sq. ft. warehouse distribution facility on Goldencrest Drive – EXPANSION COMPLETE/NOW OPEN

Vogel Engineers Inc/Sares-Regis: 1,616,133 sq. ft. warehouse distribution building on 71.15 acres along north side of Oleander Storm Drain between Indian St. and Perris Blvd. – APPROVED/IN PLAN CHECK Western Realco: March Business Center - 1,484,407 sq. ft. in four buildings at SEC of Iris Ave. and Heacock St. – IN PLANNING/EIR UNDERWAY

1

, ,



# **CITY OF MORENO VALLEY**

Community & Economic Development Department 14177 Frederick Street, Moreno Valley, CA 92552

medical

15-

FU

### AGENDA

### Economic Development Subcommittee Thursday, March 14, 2013 - 2:00 p.m. Moreno Valley City Hall, 2<sup>nd</sup> Floor Training Room 14177 Frederick Street, Moreno Valley

- 1. Call to Order
- 2. Roll Call/Introductions
- 3. Public Comments

Those wishing to speak should complete and submit a BLUE speaker slip to the Secretary. There is a three-minute time limit per person. All remarks and questions shall be addressed to the presiding officer or to the Economic Development Subcommittee of the City and not to any individual subcommittee member, staff member or other person.

4. Approval of Minutes of February 14, 2012, Developer's Workshop

5. Renewal of Business Visitation Program, including having the Mayor participate.

6. Include both ED Subcommittee members in the Business Roundtable Program

Discussion of the City's Ombudsman Program

- 8. 3-Year Economic Development Action Plan
- 5. (Comments/Questions)
- 6. Next Regular Economic Development Subcommittee Meeting April 11, 2013

7. Next Developer Workshop – May 9, 2013

8. Adjournment

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, in compliance with the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to Mel Alonzo, ADA Coordinator, at 951.413.3027 at least 48 hours before the meeting. The 48-hour notification will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

On



# **CITY OF MORENO VALLEY**

Community & Economic Development Department 14177 Frederick Street, Moreno Valley, CA 92552

### AGENDA

### Economic Development Subcommittee Thursday, April 11, 2013 - 2:00 p.m. Moreno Valley City Hall Council Chamber 14177 Frederick Street, Moreno Valley

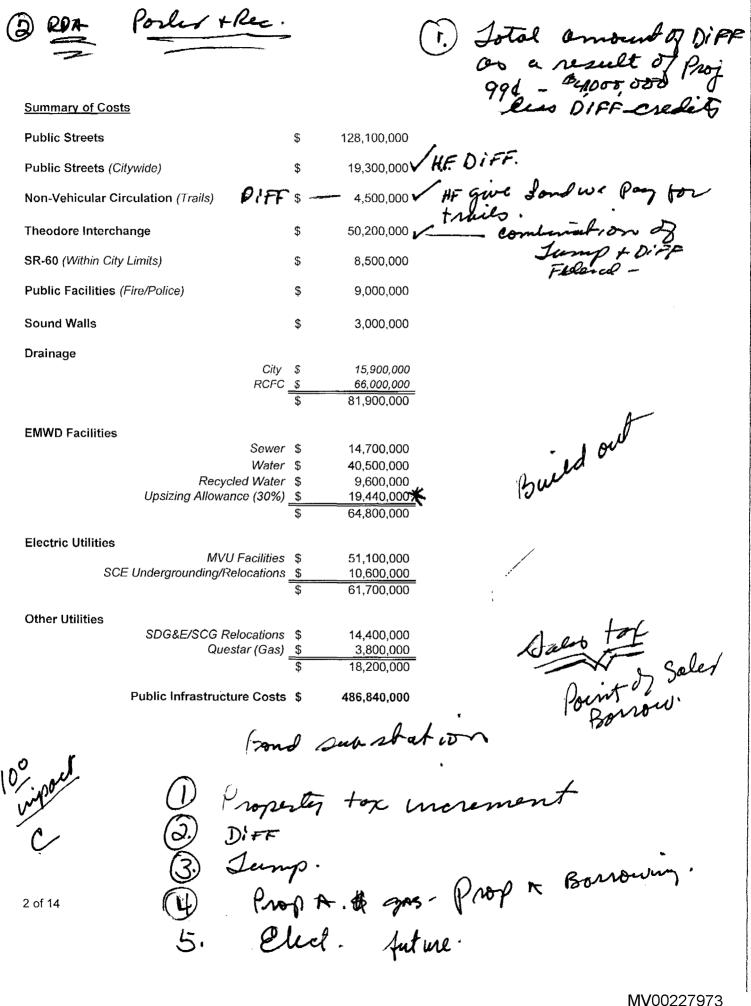
- 1. Call to Order
- 2. Roll Call/Introductions
- 3. Public Comments

Those wishing to speak should complete and submit a BLUE speaker slip to the Secretary. There is a three-minute time limit per person. All remarks and questions shall be addressed to the presiding officer or to the Economic Development Subcommittee of the City and not to any individual subcommittee member, staff member or other person.

- 4. Approval of Minutes of March 14, Economic Development Subcommittee Meeting.
- 5. Edgemont Area Revitalization Strategy
- 6. Fast End Infrastructure
- 5. Comments/Questions
- 6. Next Regular Economic Development Subcommittee Meeting June 13, 2013
- 7. Next Developer Workshop May 9, 2013
- 8. Adjournment

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, in compliance with the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to Mel Alonzo, ADA Coordinator, at 951.413.3027 at least 48 hours before the meeting. The 48-hour notification will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

Infrastructure Estimate for City Strategic Economic Development Plan



MV00227973

Category	Alt Description	Unit	Sum of Quantity	Unit Price	1.1	Total
Streets	1" AC Cap	SF	4,787,500	\$ 0.45	\$	2,154,375
Sileets		LF	4,787,500	\$ 3.20	\$	10,560
	6" Asphalt Berm					379,725
	6"AC/12"AB	<u>SF</u>		\$ 4.15	\$	
	6"AC/14"AB	SF	652,900	\$ 4.90	\$	3,199,210
	6"AC/20"AB	SF	3,544,400	\$ 5.60	\$	19,848,640
	AC Removal	SF	590,200	\$ 1.45	\$	855,790
	Street Finish	SF	4,787,500	\$ 0.10	\$	478,750
	Final Striping	SF	4,787,500	\$ 0.05	\$	239,375
	Fog Seal	SF	4,787,500	\$ 0.05	\$	239,375
	Grinding	SF		\$ 1.45	\$	804,025
		CY		\$ 9.75	\$	1,998,750
			205,000			
	Interim Striping	SF	4,787,500	\$ 0.05	\$	239,375
	Mobilization	LS	8	\$ 92,625.00	\$	741,000
	Redwood Header or thickened edge	LF	46,100	\$ 8.40	\$	387,240
	Regulatory Signs	Ea	245	\$ 538.20	\$	131,859
	Saw cut	LF	31,000	\$ 2.10	\$	65,100
	Slurry Seal	SF		\$ 0.50	\$	1,536,850
	Street Lights - Single Arm 22000 lumen (includes conduit, wire, poles, etc.)	Ea		\$ 7,020.00	\$	3,762,720
	Street Name Signs	Ea	44	\$ 594.10	\$	26,140
	Sub-Grade Prep	ŚF	4,787,500	\$0.25	\$	1,196,87
	SWPPP Compliance	SF		\$ 0.70	\$	3,344,35
	Traffic Control	SF	2,466,900	\$ 0.35	\$	858,885
	Traffic Signal Full	Ea	7	\$ 379,600.00	\$	2,657,200
	Traffic Warning Signs	Ea	27	\$ 349.70	\$	9,27
	Extended Landscape Maintenance (90 days)	SF	693,477	\$ 0.10	\$	69,34
	Median Landscaping	SF	364,700		\$	1,768,79
	Parkway Landscaping	SF	269,000			1,735,05
	Roadway Excavation	CY	328,777	\$29.00	\$	9,534,52
					\$	58,273,169
Category	Alt Description	Unit	Sum of Quantity	Unit Price		Total
Concrete	6' Sidewalk - Offset	SF	688,000	\$ 3.45	\$	2,373,60
	8" Curb/Gutter	LF	35,700			678,30
	Bus Bay w/Curb		9,700			62,56
	Handicapped Ramp	Ea	123			207,870
	Local Depressions	Ea	. 80			124,800
	Mobilization	LS	7	\$ 16,000.00	\$	<u>11</u> 2,000
	Roundabout truck apron	SF	37,400	\$ 22.35	\$	835,890
	Special Curb - I ( mow strip)	LF	41,500	\$ 6.50	\$	269,750
	Special Curb - I (8" median curb)	LF	41,500			352,750
	Special Curb - II (0" Curb Face)		82,300			699,550
	Special Paving - I (Roundabout)	SF	156,400			1,071,34
	Sub-grade prep. Concrete	SF				
	Gub-grade prep, Concrete					
			1,381,100	\$ 0.35	\$	
	Truck Tumout (6 Trucks)	Ea	1, <u>381,100</u> 19	\$ 0.35	\$ \$	<u>483,38</u> 1,311,000
	Truck Turnout (6 Trucks)			\$ 0.35	\$	
_	Truck Turnout (6 Trucks)			\$ 0.35	\$ \$	1,311,00
	Truck Tumout (6 Trucks)		19 Total	\$ 0.35	\$ \$	1,311,00 8,582,80
	Truck Tumout (6 Trucks)		19	\$ 0.35	\$ \$	1,311,00 8,582,80
	Truck Tumout (6 Trucks)		19 Total <u>Soft Costs</u>	\$ 0.35	\$	1,311,00 8,582,80 <b>66,855,96</b>
	Truck Tumout (6 Trucks)	Ea	19 Total <u>Soft Costs</u> Design (6.25%)	\$ 0.35	\$	1,311,00 8,582,80 <b>66,855,96</b> 4,178,49
		Ea Fie	19 Total <u>Soft Costs</u> Design (6.25%) id Support (6.25%)	\$ 0.35	\$ \$ \$ \$	1,311,00 8,582,80 <b>66,855,9</b> 6 4,178,49 4,178,49
		Ea Fie Check and Ins	19 Total Soft Costs Design (6.25%) Id Support (6.25%) Spection Fees (6%)	\$ 0.35	\$ \$ \$ \$ \$ \$	1,311,00 8,582,80 <b>66,855,96</b> 4,178,49 4,178,49 4,011,35
		Ea Fie Check and Ins	19 Total <u>Soft Costs</u> Design (6.25%) id Support (6.25%)	\$ 0.35	\$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 417,85
		Ea Fie Check and Ins Reprographi	19 Total Soft Costs Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design)	\$ 0.35	\$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 417,85
		Ea Fie Check and Ins Reprographi	19 Total Soft Costs Design (6.25%) Id Support (6.25%) Spection Fees (6%)	\$ 0.35	\$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 417,85 12,786,20
		Ea Fie Check and Ins Reprographi	19 Total Soft Costs Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design)	\$ 0.35	\$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 417,85 12,786,20 3,185,68
		Ea Fie Check and Ins Reprographi	19 Total Soft Costs Design (6.25%) Id Support (6.25%) Spection Fees (6%) cs (10% of Design) Administration (4%)	\$ 0.35	* * * * *	1,311,00 8,582,60 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68
		Fie Fie Check and Ins Reprographi	19 Total <u>Soft Costs</u> Design (6.25%) Id Support (6.25%) pection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total	\$ 0.35	* * * * *	1,311,00 8,582,60 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68
		Fie Fie Check and Ins Reprographi	19 Total <u>Soft Costs</u> Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total <u>Means and Methods</u>	\$ 0.35	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 4,011,35 12,786,20 3,185,66 15,971,89
		Fie Fie Check and Ins Reprographi	19 Total Soft Costs Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%)	\$ 0.35	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 4,011,35 417,85 12,786,20 3,185,66 15,971,89 1,002,84
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) Id Support (6.25%) poection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 417,85 12,786,20
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) Id Support (6.25%) poection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,60 66,855,96 4,178,49 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42 1,002,84
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) Id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 12,786,20 3,185,69 15,971,89 1,002,84 2,674,23 501,42 1,002,84 1,002,84
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) Id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,45 4,011,35 417,85 12,786,20 3,185,66 15,971,85 1,002,84 2,674,23 501,42 1,002,84 1,002,84
		Fie Fie Check and Ins Reprographi A Gener	19 Total Soft Costs Design (6.25%) Id Support (6.25%) Spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%)	\$ 0.35	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,45 4,011,35 12,786,20 3,185,60 15,971,89 1,002,84 2,674,23 501,42 1,002,84 2,674,23 501,42 1,002,84 6,184,17
	Plan	Fie Fie Check and Ins Reprographi Gener:	19 Total Soft Costs Design (6.25%) Id Support (6.25%) poetion Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%)	\$035 \$000.00	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,80 66,855,96 4,178,45 4,011,32 12,786,20 3,185,66 15,971,89 1,002,84 2,674,20 501,42 1,002,84 1,002,84 1,002,84 6,184,17 89,012,03
	Plan	Fie Fie Check and Ins Reprographi Genera genera (alue of Right )	19 Total Soft Costs Design (6.25%) Id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%) Sub-Total of Way (\$5 per SF)	\$ 0.35	<del>***</del>	1,311,00 8,582,80 66,855,96 4,178,49 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42 1,002,84 1,002,84 6,184,17 89,012,03 21,266,95
	Plan	Fie Fie Check and Ins Reprographi Genera genera (alue of Right )	19 Total Soft Costs Design (6.25%) Id Support (6.25%) poetion Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%)	\$035 \$000.00	\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,311,00 8,582,60 66,855,96 4,178,49 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42 1,002,84 1,002,84 6,184,17 89,012,03 21,266,95
	Plan	Fie Fie Check and Ins Reprographi Genera (alue of Right )	19 Total Soft Costs Design (6.25%) Jd Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%) Sub-Total of Way (\$5 per SF) ontingency @20%	\$035 \$000.00	<del></del>	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42 1,002,84 1,002,84 1,002,84 6,184,17 89,012,03 21,266,95 17,802,40
otes:	Plan	Fie Fie Check and Ins Reprographi Genera (alue of Right )	19 Total Soft Costs Design (6.25%) Id Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%) Sub-Total of Way (\$5 per SF)	\$035 \$000.00	<del>***</del>	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42 1,002,84 1,002,84 1,002,84 6,184,17 89,012,03 21,266,95 17,802,40
<u>oles:</u>	Plan	Fie Fie Check and Ins Reprographi Genera (alue of Right )	19 Total Soft Costs Design (6.25%) Jd Support (6.25%) spection Fees (6%) cs (10% of Design) Administration (4%) Soft Cost Total Means and Methods al Condition (1.5%) Fee (4%) Insurance (0.75%) Permits (1.5%) Bonds(1.5%) Sub-Total of Way (\$5 per SF) ontingency @20%	\$035 \$000.00	<del></del>	1,311,00 8,582,80 66,855,96 4,178,49 4,011,35 12,786,20 3,185,68 15,971,89 1,002,84 2,674,23 501,42

1

.

.

MV00227974

Category	Alt Description	Unit	Sum of Quantity	Γ	Unit Price		Total
Streets	LOS Deficiencies - Roadways - Cactus Ave Redlands Blvd/Street D	LS	1	\$	810,000	\$	810,000
	LOS Deficiencies - Roadways - Gilman Springs RoadAlessandro Blvd/Bridge Stre	eLS	1	\$	1,755,000	\$	1,755,000
	LOS Deficiencies - Roadways - Gilman Springs RoadSR-60/Alessandro Blvd	LS	1	\$	5,760,000	\$	5,760,000
	LOS Deficiencies - Roadways - Redlands BlvdSR-60 EB Ramps/Eucalyptus	LS	1	\$	825,000	\$	825,000
l	LOS Deficiencies - Roadways - Theodore StreetSR60 WB Ramps/Ironwood	LS	1	\$	540,000	\$	540,000
	Intersections - Kitching St/ Iris Ave Add 2nd WBL, 3rd EBT, Widen NB, Reconfigu	ILS_	1	\$	960,000	\$	960,000
	Intersections - Kitching St/ Krameria Ave.Add 2nd EBR/	LS	1	\$	300,000	\$	300,000
l	Intersections - Martin Luther King Blvd/I-215 NB RampsAdd 2nd NBR/	LS	1	\$	90,000	\$	90,000
	Intersections - Moreno Beach Dr/John Kennedy DrAdd 2nd WBL/	LS	1	\$	1,050,000	\$	1,050,000
						\$	12,090,000
			Total			\$	12,090,000
			Soft Costs				
			Design (6.25%)	-		\$	755,625
		Fie	d Support (6.25%)			s	755,625
	Plan Chec		spection Fees (6%)			\$	725,400
			cs (10% of Design)			\$	75,563
		0.1				<u> </u>	2,312,213
			Administration (4%)	)		\$	576,089
			Soft Cost Total			\$	2,888,301
		1	Means and Methods	5			
		Gener	al Condition (1.5%)	)		\$	181,350
			Fee (4%)	)		\$	483,600
			Insurance (0.75%)	)		\$	90,675
			Permits (1.5%)	)		\$	181,350
			Bonds(1.5%)	)		\$	181,350
						\$	1,118,325
			Sub-Total	I		\$	16,096,626
		Ç	ontingency @20%	,		\$	3,219,325
	Grand Total for Publ	ic Stre	ets (City Wide)			\$	19,315,951
	includes staking, geotechnical, biologist, etc led allowance for MSHCP, KRAT, etc						

.

Category	All Description	Unit	Quantity	Total	:
Trails / Parks	10' DG Trail 6" Thick	SF	321,000	\$	925,500
	6"x6" Concrete Mow Curb along Trail Fencing	LF	37,600	\$	404,200
	DeAnza Trail Signage	LS	5,000	\$	5,000
	5 Ac. Agricultural Heritage Park	LS	1,000,000	\$	1,000,000
	PVC Trail Fencing	LF	37,600	\$	485,040
	Trail Signage	Ea	10	\$	2,690
				\$	2,822,430

Soft Costs	
Design (6.25%)	\$ 176,402
Field Support (6.25%)	\$ 176,402
Plan Check and Inspection Fees (6%)	\$ 169,346
Reprographics (10% of Design)	\$ 17,640
	\$ 539,790
Administration (4%)	\$ 134,489
Soft Cost Total	\$ 674,279
Means and Methods	
General Condition (1.5%)	\$ 42,336
Fee (4%)	\$ 112,897
Insurance (0.75%)	\$ 21,168
Permits (1.5%)	\$ 42,336
Bonds(1.5%)	\$ 42,336
	\$ 261,075
Sub-Total	\$ 3,757,783
Contingency @20%	\$ 751,557
Grand Total for Non-Vehicular Circulation	\$ 4,509,340

.

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category	Alt Description		Unit	Sum of Quantity	Unit Price	 Total
	Freeway Ramps - SR-60	- EBOff-Ramp to Moreno Beach/Increase decel 500ft	LŞ	1	\$ 509,000	\$ 509,000
	Freeway Ramps - SR-60	- EBOff-Ramp to Nason St/Increase decel 500ft	LS	1	\$ 635,000	\$ 635,000
	Freeway Ramps - SR-60	- EBOn-Ramp from Nason St/Increase accel 400ft	LS	1	\$ 509,000	\$ 509,000
	Freeway Ramps - SR-60	- EBOn-Ramp from Perris Blvd/Increase accel 500ft	LS	1	\$ 635,000	\$ 635,000
	Freeway Ramps - SR-60	- WB Direction on-ramp from Redlands/Add 1 mixed flow	LS	1	\$ 990,000	\$ 990,000
}	Freeway Ramps - SR-60	- WBLoop on-ramp from Redlands/Add 1 mixed flow lane	LS	1	\$ 990,000	\$ 990,000
1	Freeway Ramps - SR-60	<ul> <li>WBOff-Ramp to Rediands/increase decei 1200ft</li> </ul>	LS	1	\$ 588,000	\$ 588,000
	Freeway Ramps - SR-60	- WBOn-Ramp from Theodore St/Increase accel 850ft	LS	1	\$ 441,000	\$ 441,000
				Total		\$ 5,297,000

Soft Costs	
Design (6.25%)	\$ 331,063
Field Support (6.25%)	\$ 331,063
Plan Check and Inspection Fees (6%)	\$ 317,820
Reprographics (10% of Design)	\$ 33,106
	\$ 1,013,051
Administration (4%)	\$ 252,402
Soft Cost Total	\$ 1,265,453
Means and Methods	
General Condition (1.5%)	\$ 79,455
Fee (4%)	\$ 211,880
Insurance (0.75%)	\$ 39,728
Permits (1.5%)	\$ 79,455
Bonds(1.5%)	\$ 79,455
	\$ 489,973
Sub-Total	\$ 7,052,426
Contingency @20%	 1,410,485
Grand Total for SR-60 (Within City)	\$ 8,462,911

,

,

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

6 of 14

Category	Alt Description		Unit Sum of Quantity	Unit Price	Total
Freeway	Theodore Interchange		S 1	\$ 35,134,430	\$ 35,134,430
			Total		\$ 35,134,430
			Soft Costs		
			Design (6.25%)		\$ 2,195,902
			Field Support (6.25%)		\$ 2,195,902
		Plan Check a	nd Inspection Fees (6%)		\$ 2,108,066
		Reprog	raphics (10% of Design)		\$ 219,590
					\$ 6,719,460
			Administration (4%)		\$ -
			Soft Cost Total		\$ 6,719,460
			Sub-Total		\$ 41,853,890
			Contingency @20%		\$ 8,370,778
		Grand Total for The	eodore Interchange		\$ 50,224,668

,

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

Category	Alt Description	<ul> <li>Bender in ander sprechen ander sold and sold</li></ul>	Unit	Sum of Quantity	T	Unit Price	6 a.e.	total taxes
Fire and Police	Fire Station Equipment Allowance		LS	1	\$	500,000	\$	500,000
	Fire Station Site		LS	1	\$	5,000,000	\$	5,000,000
	Police Station		LS	1	\$	2,000,000	\$	2,000,000
				Total			\$	7,500,000
				Sub-Total			\$	7,500,000
			C	ontingency @20%			\$	1,500,000

.

Grand Total for Public Facilities \$

9,000,000

.

,

<u>Notes:</u> \*Unit prices for Fire and Police Station included soft costs, means and methods

у	Alt Description	Unit	Sum of Quantity		Total
		LF	26,900	\$	586,420
	Access/Maintenance Roads	SF	2,500	\$	6,37
	Adjust Manholes - Final	Ea	141	\$	76,80
	Adjust Manholes - Interim	Ea	141	\$	76,80
	CB - type II, w=14'	Ea	23	\$	209,30
	Concrete Spreading Spillway	LF	9,100	\$	2,354,17
	Concrete V-Ditch - 10' wide	LF	2,500	\$	160,75
Drainage (City) 8" PV( Acces Adjust CB-t) Constr Co		Ea	128	\$	931,84
		Ea	14	\$	60,06
		Ea	3	\$	17,55
		Ea	37	\$	250,12
		Ea	1	\$	97
		Ea	1	\$	1,25
			1	⇒ \$	
		Ea			12,61
		Ea	2	\$	21,06
		Ea	1	\$	9,10
	Downstream Channel Improvements	LS	12	\$	2,340,00
		LF	3,500		73,50
	Furnish and Install PCC Bulkhead per RCFCD Std. Dwg. M816. (24")	Ea	1	\$	83
	Furnish and Install PCC Bulkhead per RCFCD Std. Dwg. M816. (36")	Ea	13	\$	10,90
	Gates	Ea	3	\$	42,9
	Join Existing - 24"	Ea	12		84.2
		LS	8	-	778,0
		LF	4,000		377,2
	RCP - 24"		16,000		1,162,4
		LF	23,400		2,354,0
	Remove and Dispose Existing Line F Headwall	LS	25,000		25,0
	SWPPP Compliance	LF	99,000		69,3
	Traffic Control	LF	79,300		186,3
	Trash Rack	Ea	3	\$	
<b>y</b>		Ea Ton	3 10 Sum of Quantity	\$	21,0 6 10,339,2 Total
	Trash Rack Un-Grouted Rip-Rap	Ea Ton	10	\$	6 10,339,2
	Trash Rack Un-Grouted Rip-Rap Alt Description	Ea Ton Unit	10 Sum of Quantity	\$  \$  \$	6 10,339,2 Total
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB	Ea Ton Unit LF	10 Sum of Quantity 300	\$ \$ \$ \$	6 10,339,2 Total 203,1
	Trash Rack Un-Grouted Rip-Rap All Description 10' x 5' Single RCB 10' x 7' Single RCB	Ea Ton Unit LF LF	10 Sum of Quantity 300 700	\$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8
	Trash Rack Un-Grouted Rip-Rap All Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB	Ea Ton Unit LF LF LF	10 Sum of Quantity 300 700 100 10,300	\$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB	Ea Ton Unit LF LF LF LF	10 Sum of Quantity 300 700 100 10,300 2,000	\$ \$ \$ \$ \$ \$ \$	6 10,339,2 203,1 679,7 111,8 11,756,4 852,8
	Trash Rack           Un-Grouted Rip-Rap           Alt Description           10' x 5' Single RCB           10' x 8' Single RCB           10' x 8' Single RCB           12'x8' Single RCB           4' x 3' Double RCB           4' x 3' Single RCB           4' x 3' Single RCB	Ea Ton Unit LF LF LF LF LF	10 Sum of Quantity 300 700 100 10,300 2,000 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 203,1 679,7 111,8 11,756,4 852,8 94,3
	Trash Rack           Un-Grouted Rip-Rap           Alt Description           10' x 5' Single RCB           10' x 8' Single RCB           10' x 8' Single RCB           12'x8' Single RCB           4' x 3' Double RCB           4' x 3' Single RCB           7' x 3' Double RCB	Ea Ton Unit LF LF LF LF LF LF LF	10 Sum of Quantity 300 700 10,300 2,000 300 400	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	E 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,5 184,6
	Trash Rack           Un-Grouted Rip-Rap           All Description           10' x 5' Single RCB           10' x 8' Single RCB           10' x 8' Single RCB           12'x8' Single RCB           4' x 3' Double RCB           4' x 3' Single RCB           4' x 3' Double RCB           7' x 3' Double RCB           7' x 3' Single RCB	Ea Ton Unit LF LF LF LF LF LF LF	10 Sum of Quantity 300 700 10,300 2,000 300 400 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	E 10,339,2 Total 203,1 679,7 111,56,4 11,756,4 852,6 94,5 184,6 104,5
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Single RCB 4' x 3' Single RCB 4' x 3' Single RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads	Ea Ton Unit LF LF LF LF LF LF SF	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 104,5 1,772,2
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 10' x 8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 4' x 3' Single RCB 7' x 3' Single RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)	Ea Ton Unit LF LF LF LF LF LF SF Ea	10 Sum of Quantity 300 100 10,300 2,000 300 400 300 695,000 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679.7 111,8 11,756,4 852,8 94,3 184,6 104,6 104,5 1,772,2 62,4
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Construct Wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)	Ea Ton Unit LF LF LF LF LF SF Ea Ea	10 Sum of Quantity 300 700 10,000 2,000 300 400 300 695,000 2 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 1111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)	Ea Ton Unit LF LF LF LF LF LF SF Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,5 184,6 104,5 104,5 1,772,2 184,6 104,5 1,772,2 184,6 104,5 1,772,2 114,4 35,1
	Trash Rack Un-Grouted Rip-Rap Alt Description 10' x 5' Single RCB 10' x 7' Single RCB 10' x 8' Single RCB 12'x8' Single RCB 4' x 3' Double RCB 4' x 3' Double RCB 7' x 3' Single RCB Access/Maintenance Roads Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCB) Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCB) Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB110.	Ea Ton Unit LF LF LF LF LF LF Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1.772,2 62,4 114,4 35,1 94,3 94,3
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108'/24'')	Ea Ton Unit LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 104,5 104,5 104,5 104,5 104,5 104,5 104,5 104,5 2,1,772,2 62,4 114,4 35,1 94,3 23,4
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 2 2 4 4 5 5 6 9 5,000 2 4 6 9 5,000 2 4 6 9 5,000 2 4 6 9 5,000 2 6 9 5,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 2,000 300 300 2,000 300 300 300 2,000 300 300 300 300 300 300 300 300 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4 35,1 94,3 2,3,4 2,3,4 35,1
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Double RCB         7' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (12'x8' RCB)         Construct Unct Inlet Catch Basin per RCFCD Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS227. (108''/24'')	Ea Ton Unit LF LF LF LF LF LF Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,000 2,000 300 400 300 695,000 2 4 4 1 22 4 4 6 5,000 300 695,000 2 695,000 2 695,000 2 695,000 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4 35,1 94,3 2,3,4 2,3,4 35,1
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 2 2 4 4 5 6 9 5,000 2 4 4 6 9 5,000 2 4 4 6 5 6 9 5,000 2 6 9 5,000 10 10,00000 10,000 10,0000 10,00000000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4 35,1 94,3 23,4 23,4 23,4 121,6
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228.         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,000 2,000 300 400 300 695,000 2 4 4 1 22 4 4 6 5,000 300 695,000 2 695,000 2 695,000 2 695,000 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,5 184,6 104,9 1,772,2 62,4 114,4 35,1 94,5 23,4 23,5 121,6 23,6 24,5 2
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 8' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct binet Catch Basin per RCFCD Std. Dwg. JS217. (108''/24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 6 6 6 7 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Curb Inlet Catch Basin per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228.         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 1 222 4 6 36 7 6 2 4 6 36 2 2 4 4 6 36 2 2 4 4 6 36 2 2 4 4 5 6 6 2 2 4 5 6 6 7 7 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 10,339,2 10,339,2 10,339,2 10,339,2 10,33,1 10,33 11,756,4 852,8 94,3 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct wingwall per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS228. (12'x8'/44'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,000 2,000 300 400 300 695,000 2 4 1 22 4 6 36 7 6 36 7 6 36 7 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1.772,2 62,4 114,4 35,1 94,3 23,6 24,4 1121,6 23,6 20,2 6,7 13,5
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Dox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 1 22 4 6 36 7 6 36 7 6 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 4 1 22 4 4 1 22 4 4 4 1 22 4 4 4 4 4 1 22 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4 35,1 94,3 23,4 23,4 23,6 23,5 121,6 23,6 20,7 121,6 23,6 20,7 121,6 23,6 20,7 121,6 23,6 20,7 121,6 23,6 20,7 121,6 23,6 20,7 13,5 121,6 23,6 20,7 111,8 11,756,4 10,755,2 10,755,2 10,775,2 11,775,2 10,7
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 8' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         7' x 3' Double RCB         7' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/6'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/6'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/6'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/6'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Str	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 400 300 695,000 2 4 4 1 22 4 6 6 36 7 6 2 4 1 1 22 4 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 1121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Lox culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72	Ea Ton Unit LF LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 1 22 4 6 36 7 6 2 4 1 22 4 6 36 7 6 2 4 1 22 2 4 1 22 2 4 4 2 2 4 4 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 4 4 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 2 2 4 4 1 2 2 2 4 4 1 2 2 2 4 4 1 2 2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 351,1 94,3 23,4 351,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 6,7
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per R	Ea Ton Unit LF LF LF LF Ea Ea Ea Ea Ea Ea Ea Ea Ea Ea	10 Sum of Quantity 300 700 10,000 2,000 300 695,000 2 4 1 22 4 6 36 76 6 36 76 6 2 4 1 1 22 4 1 22 4 6 32 4 1 22 4 36 36 36 36 36 36 30 300 300	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,5 1,772,2 62,4 114,4 35,1 94,3 1,772,2 62,4 114,4 35,1 121,6 23,6 20,6 13,5 3,3 3,3 6,7 540,5 540,5 540,5 10,39,2 10,39,2 111,5 111,5 111,5 111,756,4 114,4 111,756,4 111,756,4 111,756,4 111,756,4 114,4 111,756,4 111,756,4 111,756,4 114,4 114,4 111,756,4 111,4 111,756,4 111,4 111,756,4 111,4 111,756,4 111,4 111,5 111,
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Double RCB         7' x 3' Double RCB         7' x 3' Double RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS228. (10'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/48'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFC	Ea           Ton           Unit           LF           LF           LF           LF           Ea	10 Sum of Quantity 300 700 10,000 2,000 300 400 300 695,000 2 4 4 1 22 4 6 36 7 6 36 7 6 2 4 1 1 22 4 1 22 4 1 23 1 1 2 7 3 1 1 2 1 2 1 3 1 1 2 1 3 1 3 1 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 3,3 6,7 540,5 111,1
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 8' Single RCB         10' x 8' Single RCB         12'x8' Single RCB         4' x 3' Double RCB         7' x 3' Double RCB         Construct wingwall per Cal Trans Std. Dwg. D84 (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (10'8''/24'')         Construct Junction Structure #2 per RCFCD Std. Dwg. JS228. (12'x8'/36')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60'')         Construct Junction Structure #3 per RCFCD Std.	Ea           Ton           Unit           LF           LF           LF           LF           Ea           Ea	10 Sum of Quantity 300 700 1000 2,000 300 400 300 695,000 2 4 1 22 4 6 36 7 6 36 7 6 2 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 1 22 4 4 4 1 22 2 4 4 4 1 22 2 4 4 4 1 22 2 4 4 4 1 22 2 4 4 1 2 2 2 4 4 4 1 2 2 2 4 4 4 1 2 2 2 4 4 1 1 2 2 2 4 4 1 1 2 2 1 5 1 5 1 5 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111.8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 6,7 540,6 111,1 15,5 3,5
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Low Inleit Catch Basin per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #	Ea           Ton           Unit           LF           LF           LF           LF           LF           Ea	10 Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 4 1 22 4 6 36 7 6 2 4 1 22 4 1 22 4 1 22 4 5 36 7 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1,772,2 62,4 114,4 35,1 94,3 23,4 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 3,3 6,7 540,5 111,1 5,3 52,0
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Double RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Junction Structure #2 per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''124'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'74'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'74'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'74'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'760'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'760'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'760'')         Construct Junction Structure #3	Ea           Ton           LF           LF           LF           LF           LF           Ea           Ea	10 Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 4 6 36 7 6 2 4 6 36 7 6 2 4 1 22 4 6 36 7 7 6 1 1 2 7 3 1 5 1 1 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,3 184,6 104,9 1.772,2 62,4 114,4 35,1 94,3 23,4 35,1 121,6 23,6 20,2 6,7 13,5 3,3 6,7 540,5 111,1 5,3 52,0 42,5 22,0 42,5 22,0 42,5 20,2 111,2 1
	Trash Rack         Un-Grouted Rip-Rap         Alt Description         10' x 5' Single RCB         10' x 7' Single RCB         10' x 8' Single RCB         10' x 3' Single RCB         10' x 3' Single RCB         4' x 3' Double RCB         4' x 3' Single RCB         4' x 3' Single RCB         7' x 3' Single RCB         Access/Maintenance Roads         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x7' RCB)         Construct box culvert wingwall Type A per Cal Trans Std. Dwg. D84. (10'x8' RCB)         Construct Low Inleit Catch Basin per RCFCD Std. Dwg. CB110.         Construct Junction Structure #2 per RCFCD Std. Dwg. JS227. (108''/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/24'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/36')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/60')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #3 per RCFCD Std. Dwg. JS228. (12'x8'/72'')         Construct Junction Structure #	Ea           Ton           Unit           LF           LF           LF           LF           LF           Ea	10 Sum of Quantity 300 700 10,300 2,000 300 695,000 2 4 4 1 22 4 6 36 7 6 2 4 1 22 4 1 22 4 1 22 4 5 36 7 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6 10,339,2 Total 203,1 679,7 111,8 11,756,4 852,8 94,5 184,6 104,5 1

.

Category	Alt Description	Unit	Sum of Quantity	 · Total · 論讀
Drainage (RCFC)	Earthen Open Channel	CY	192,000	\$ 249,600
1	Energy Dissipator	Ea	8	\$ 56,160
	Fencing	LF	26,500	\$ 556,500
	Gates	Ea	20	\$ 286,000
	Join Existing - 12'x8'	Ea	1	\$ 14,300
	Join Existing - 36"	Ea	3	\$ 23,010
	Join Existing - 42"	Ea	1	\$ 8,450
	Join Existing - 48"	Ea	1	\$ 9,100
	Join Existing - 72"	Ea	1	\$ 9,750
	Join Existing - 84"	Ea	2	\$ 21,060
	Join Existing - 96"	Ea	1	\$ 11,830
	Outlet Structure with Low Flow Orifice	Ea	10	\$ 91,000
	RCP - 108"	LF	1,500	\$ 1,246,050
	RCP - 42"	LF	2,400	\$ 324,480
	RCP - 48"	LF	8,400	\$ 1,463,280
	RCP - 60"	LF	300	\$ 115,440
	RCP - 72"	LF	7,400	\$ 2,481,960
	RCP - 84"	LF	13,400	\$ 8,988,720
	RCP - 96"	LF	2,500	\$ 1,888,250
	Slope Anchor	Ea	11	\$ 17,600
	Concrete Open Channel (Line "F")	LF	3,100	\$ 2,099,630
	Storm Drain Costs (local depression)	LS	39	\$ 60,840
	Trash Rack	Ea	23	\$ 161,460
				\$ 43,057,670
				\$ 53,396,902

Soft Costs	
Design (6.25%)	\$ 3,337,306
Field Support (6.25%)	\$ 3,337,306
Plan Check and Inspection Fees (6%)	\$ 3,203,814
Reprographics (10% of Design)	\$ 333,731
	\$ 9,878,427
Administration (4%)	\$ 2,531,013
Soft Cost Total	\$ 12,409,440
Means and Methods	
General Condition (1.5%)	\$ 800,954
Fee (4%)	\$ 2,135,876
Insurance (0,75%)	\$ 400,477
Permits (1.5%)	\$ 800,954
Bonds(1.5%)	\$ 800,954
	\$ 4,939,213
Sub-Total	\$ 68,214,542
Contingency @20%	\$ 13,642,908
Grand Total for Drainage	\$ 81,857,450
•	, , , , , , , , , , , , , , , , , , , ,
City	\$ 15,850,042,20
RCFC	\$ 66,007,408.11
:	\$ 81,857,450.31

.

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

### Infrastructure Estimate for City Strategic Economic Development Plan

Category	Alt Description	Unit	Sum of Quantity	Unit Price	· · · · · · · · ·	Total
Domestic Water	12" Gate Valve	Ea		\$ 2,500.00	\$	152,500
	12" PVC	LF		\$ 45.10	\$	523,160
	18" Gate Valve	Ea		\$ 5,800.00	\$	121,800
	18" PVC		35,500	\$ 60.65	\$	2,153,075
	2" Water Service	Ea	4	\$ 3,200.00	\$	12,800
	24" Gate Valve	Ea	29	\$ 11,000.00	\$	319,000
	24" PVC	LF	67,700	\$ 75.25	\$	5,094,425
	4" Water Service	Ea	73	\$ 4,500.00	\$	328,500
	8" PVC	LF		\$ 33.40	\$	33,400
	90 Degree Bend	Ea		\$ 538.00	\$	6,456
	Adjust Valves to Final	Ea		\$ 419.00	\$	57,822
	Adjust Valves to Interim	Ea		\$ 419.00	ŝ	57,822
	Air Vac	Ea		\$ 4,400.00	\$	83,60
	Backflow Preventer	Ea		\$ 5,000.00	\$	20,00
	Blow-off	Ea		\$ 5,100.00	\$	102,00
	Chlorinate and Flush			\$ 1.50	\$	154,35
	Crosses	Ea		\$ 2,700.00	э \$	8,10
			3 104	\$ 5,700.00	э \$	592,80
	Fire Hydrant Assembly - Super Hydrant	Ea LF				
	Jack & Bore			\$ 430.00	\$	129,00
	Join Existing	Ea		\$ 1,100.00	\$	11,00
	Joint Restraints		76,200	\$ 11.80	\$	899,16
	Mobilization	LS	9	\$ 69,444.44	\$	625,00
	Other Fittings	Ea		\$ 968.00	\$	11,61
	Overflow Containment Basin	Ea	1	\$ 43,000.00	\$	43,00
	Pressure Reducing Station	LS	4	\$ 195,000.00	\$	780,00
	Pump Station	Gal		\$ 0.20	\$	600,00
	Reservoir Access Road	LF	7,000		\$	2,954,00
	Special Grading	CY	410,000		\$	656,00
	Steel Casing	LF	1,900		\$	326,80
	SWPPP Compliance	LF	96,300		\$	67,41
	Tees	Ea	111	\$ 2,000.00	\$	222,00
	Temporary Blow-off	Ea	10	\$ 5,100.00	\$	51,00
	Traffic Control	LF	72,400	\$ 2,35	\$	170,14
	Zone 1750 2 MG Reservoir	Gal	2,000,000	\$ 1.15	S	2,300,00
		Gai	1 2,000,000	v 1.10		
	Zone 1860 3 MG Reservoir	Gal	3,000,000		\$	
				\$ 1.15	\$	3,450,00 2,250,00
	Zone 1860 3 MG Reservoir	Gai	3,000,000	\$ 1.15	\$	3,450,00
ategoog	Zone 1860 3 MG Reservoir Zone 1967 Reservoir	Gai Gai	3,000,000 1,500,000	\$ 1.15 \$ 1.50	\$ \$	3,450,00 2,250,00 25,367,73
ategory	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description	Gal Gal	3,000,000 1,500,000 Sum of Quantity	\$ 1.15 \$ 1.50	\$ \$ \$	3,450,00 2,250,00 25,367,73 Total
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP	Gal Gal	3,000,000 1,500,000 Sum of Quantity 6,200	\$ 1.15 \$ 1.50 Unit Price \$ 55.90	\$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,58
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man	Gal Gal Unit LF LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85	\$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,56 508,82
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP	Gal Gal Unit LF LF LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90	\$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,83 111,8
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 18" VCP 18" VCP	Gai Gai LF LF LF LF LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,82 111,8 389,90
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 18" VCP 24" VCP 24" VCP	Gai Gai LF LF LF LF LF LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100	\$ 1.15 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,50 508,82 111,8 389,90 352,1
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 18" VCP 24" VCP 24" VCP 24" VCP	Gal Gal Unit LF LF LF LF LF LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,000	\$ 1.15 \$ 1.50 \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70 \$ 182.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 46,55 346,55 508,85 111,8 389,90 352,1 364,00
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP	Gal Gal Unit LF LF LF LF LF LF LF	3,000,000 1,500,000 5,200 5,200 1,600 3,100 2,100 2,000 2,700	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,51 508,8 111,8 389,9 352,1 364,00 702,00
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 18" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" MCP 24" VCP	Gal Gal LF LF LF LF LF LF LF LF Ea	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,000 2,700 149	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4,160.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,50 508,83 111,8 389,91 352,1 364,00 702,00 619,84
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 18" VCP 24" VCP 24" VCP 24" VCP 24" VCP 48" Manhole 6" Clean out	Gai Gai LF LF LF LF LF LF LF LF LF LF Ea Ea	3,000,000 1,500,000 5,200 5,200 1,600 3,100 2,100 2,000 2,700 149 14	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4,160.00 \$ 978.90	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,51 508,8 1111,8 389,9 352,17 364,00 702,00 619,8 13,77
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" NCP 24" NCP 26 Extra Depth 36" VCP 48" Manhole 6" Clean out 6" Force Main	Gai Gai LF LF LF LF LF LF LF Ea Ea LF	3,000,000 1,500,000 5,200 5,200 1,600 2,100 2,100 2,700 149 144 400	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 260.00 \$ 4,160.00 \$ 978.90 \$ 69.90	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,87 111,88 389,97 352,17 364,00 702,00 619,88 13,77 27,9
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" Manhole 6" Clean out 6" Force Main 6" VCP	Gai Gai LF LF LF LF LF LF Ea Ea LF Ea LF LF	3,000,000 1,500,000 5,200 5,200 1,600 3,100 2,100 2,000 2,700 149 14 14 0,000 800	\$ 1.15 \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 4.160.00 \$ 260.00 \$ 260.00 \$ 34.95	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,5 508,8 111,8 338,9 352,1 364,0 702,0 619,8 13,7 27,9 27,9 27,9
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 20" Manhole 6" CCP 60" Manhole (depths 15'-20')	Gai Gai LF LF LF LF LF LF LF LF LF LF Ea LF LF LF Ea	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,700 149 149 14 400 800 15	\$ 1.15 1.50 Unit Price 5 5.90 9 97.85 97.85 9 97.85 9 97.85 9 125.80 125.80 167.70 167.70 162.00 167.70 162.00 162	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 27,9 93,6
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 6" CP 50" Manhole 6" CP 60" Manhole (depths 15'-20') 8" VCP	Gai           Gai           LF           Ea           LF           LF           LF           LF           LF           LF           LF           LF           Ea           LF           Ea           LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,700 149 144 400 800 15 43,300	\$ 1.15 1.50 Unit Price 5 5.90 1.55.90	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,70 Total 346,50 508,82 111,8- 389,90 352,11 364,00 702,00 619,8- 13,77,90 27,90 27,90 27,90 93,60
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Clean out 6" CP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads	Gai Gai LF LF LF LF LF LF LF LF LF LF Ea LF LF LF Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,700 2,700 149 144 400 800 15 43,300 206,400	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 34.95 \$ 6.240.00 \$ 4.195 \$ 2.55	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,87 111,88 369,99 352,17 364,00 702,00 619,88 13,77 27,9 27,9 9,36,6 1,816,4 526,3
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 6" CP 50" Manhole 6" CP 60" Manhole (depths 15'-20') 8" VCP	Gai           Gai           LF           Ea           LF           LF           LF           LF           LF           LF           LF           LF           Ea           LF           Ea           LF	3,000,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,700 149 144 400 800 15 43,300	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 260.00 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 34.95 \$ 6.240.00 \$ 4.195 \$ 2.55	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,50 508,82 1111,8 389,90 352,11 364,00 702,00 619,84 13,77 27,90 27,90 27,90 3,66 1,816,45 526,33
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Clean out 6" CP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads	Gai Gai LF LF LF LF LF LF LF LF Ea Ea LF Ea LF Ea SF	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,700 2,700 149 144 400 800 15 43,300 206,400	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 5 62.40.00 \$ 34.95 \$ 6.240.00 \$ 4.165 \$ 2.55 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,87 389,99 352,11 364,00 702,00 619,88 13,77 27,99 27,99 27,99 23,66 1,816,4 526,33 89,33
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Extra Depth 36" VCP 48" Manhole 6" Force Main 6" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           LF           LF           Gai           UF           LF           LF           LF           Ea           Ea           LF           LF           Ea           SF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164	\$ 1.15  \$ 1.50 Unit Price \$ 5.590 \$ 97.85 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,50 508,8 1111,8 389,90 352,1 364,00 702,00 619,8 13,77 27,9 27,9 93,6 1,816,4 526,3 89,3 89,3 89,3
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Manhole 6" Clean out 6" Cree Main 6" VCP 60" Manhole (depths 15'-20'). 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Interim Grades	Gai Gai LF LF LF LF LF LF LF LF LF Ea LF LF Ea LF Ea LF Ea Ea Ea Ea Ea Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164	\$ 1.15 1.50 Unit Price 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 7 27,9 27,9 93,6 1,816,4 526,3 89,3 89,3 89,3 5,8
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Clean out 6" Force Main 6" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           LF           LF           Ea           Ea           LF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7	\$ 1.15 1.50 Unit Price 5 5.90 9 97.85 97.85 9 97.85 9 97.85 9 97.85 125.80 167.70 162.70 162.00 162.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 -Total -Total -346,51 508,82 111,8 -389,91 -352,1 -364,00 -702,00 619,8 -13,7 -7,9 -27,9 -9,3,6 -1,816,4 -526,3 -89,3 -89,3 -89,3 -58,8 -59,8 -59,4 -59,8 -59,10,20,10,20,2
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" CCP 60" Clean out 6" Force Main 6" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           Ea           LF           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 97.85 \$ 97.85 \$ 97.85 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 280.00 \$ 4.160.00 \$ 978.90 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 4.165 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,8 111,8 369,9 352,1 364,0 702,0 619,8 13,77 27,9 27,9 27,9 27,9 27,9 27,9 33,6 1,816,4 526,3 89,3 89,3 89,3 89,3 89,3 89,3 80,3 80,3 80,3 80,3 80,3 80,3 80,3 80
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 6" Clean out 6" Force Main 6" CP 60" Manhole 6" Clean out 6" Force Main 6" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Interim Grades Brick plug at line terminus Core MH for 15" connection Fencing	Gai           Gai           LF           LF           LF           LF           Ea           Ea           LF           LF           LF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 3,100 2,100 2,700 149 144 400 800 15 43,300 206,400 164 164 77 1	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 97.85 \$ 97.85 \$ 97.85 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 280.00 \$ 4.160.00 \$ 978.90 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 4.165 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 93,6 1,816,4 526,3 89,3 89,3 5,8 2,0 0,16,8 57,2
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Manhole 6" Clean out 6" Cree Main 6" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Interim Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           LF           LF           Ea           Ea           LF           LF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1 800 44 729	\$ 1.15 1.50 Unit Price 1.50 1.50 1.50 1.50 1.50 1.55 1.55 1.55	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,5 508,8 111,8 338,9 3352,1 364,0 702,0 619,8 13,7 27,9 27,9 27,9 93,6 1,816,4 526,3 89,3 89,3 89,3 5,8 2,0 0,68 8,57,2 2,611,2 6,11,2
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 48" Manhole 6" Clean out 6" Crea Main 6" VCP 60" Manhole (depths 15'-20'). 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           LF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 77 1 800 4 164 729 1,200,000	\$         1.15           \$         1.50           \$         1.50           \$         1.50           \$         1.50           \$         1.50           \$         97.85           \$         260.00           \$         260.00           \$         260.00           \$         260.00           \$         4.160.00           \$         978.90           \$         69.90           \$         69.90           \$         64.00           \$         41.95           \$         5.44.70           \$         544.70           \$         838.50           \$         21.00           \$         14.300.00           \$         838.50           \$         0.75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,7 Total 346,5 508,8 111,8 3389,9 352,1 364,0 702,0 619,8 13,7 9 27,9 93,6 1,816,4 526,3 89,3 89,3 89,3 89,3 5,8 2,0 1,616,8 27,0 16,8 27,0 16,8 27,0 27,9 90,0 27,9 93,6 1,816,4 526,3 89,3 89,3 89,3 89,3 80,3 80,3 80,3 80,3 80,3 80,3 80,3 80
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Clean out 6" Force Main 6" CP 60" Manhole (depths 15'-20'). 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station Mobilization	Gai           Gai           LF           LF           LF           LF           LF           LF           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 164 7 1 800 43,729 1,200,000 8	\$ 1.15  \$ 1.50 Unit Price \$ 55.90 \$ 97.85 \$ 69.90 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 125.80 \$ 167.70 \$ 182.00 \$ 280.00 \$ 4.160.00 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 4.160.00 \$ 978.90 \$ 69.90 \$ 4.195 \$ 5 6.240.00 \$ 4.195 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 27,9 27,9 27,9 33,6 1,816,4 526,3 89,3 89,3 89,3 89,3 5,8 8,2,0 16,8 5,7,2 2,9 2,7,9 3,6,6 1,816,4 5,7,7 2,7,9 3,86,5 1,11,8 3,87,7 2,7,9 2,7,9 3,7,9 3,6,6 1,816,4 5,7,7,9 3,6,6 1,816,4 5,7,9 3,6,6 1,917,6 2,917,7 3,917,7 3,917,9 3,917,1 3,9
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Extra Depth 36" VCP 60" Manhole (depths 15'-20') 8" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Final Grades Adjust Manholes to Interim Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station MvDD Crossing	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 144 400 800 15 43,300 206,400 164 164 7 11 800 43,300 206,400 164 164 7 11 800 43,200 164 164 7 1 800 43,200 800 164 164 7 1 800 800 800 800 800 800 800	\$         1.15           \$         1.50           Unit Price         5           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         167.70           \$         182.00           \$         167.70           \$         182.00           \$         4.160.00           \$         260.00           \$         4.160.00           \$         34.95           \$         6.240.00           \$         544.70           \$         544.70           \$         544.70           \$         544.70           \$         838.50           \$         2.080.00           \$         14.300.00           \$         838.50           \$         0.75           \$         28.000.00           \$         11.180.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 93,6 1,816,4 526,3 89,3 5,8 2,0 1,816,4 526,3 89,3 5,8 2,0 1,816,4 526,3 89,3 5,8 2,0 1,816,4 5,7,2 6,11,2 900,0 (224,0 22,3
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Clean out 6" Force Main 6" CP 60" Manhole (depths 15'-20'). 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station Mobilization	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           LF           Ea           LF           Ea           LF           Ea           Gal           LS           Ea           Ea           Ea           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 144 400 800 15 43,300 206,400 164 164 7 1 800 43,300 206,400 43,300 206,400 164 164 7 1 800 206,400 164 164 3,000 164 164 3,000 164 164 164 164 164 164 164 164	\$         1.15           \$         1.50           Unit Price         -           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.80           \$         167.70           \$         182.00           \$         260.00           \$         260.00           \$         4,160.00           \$         34.95           \$         6,240.00           \$         41.95           \$         544.70           \$         544.70           \$         544.70           \$         2,800.00           \$         21.00           \$         28.83.50           \$         0.75           \$         28.00.00           \$         28.00.00           \$         28.00.00           \$         28.00.00           \$         28.00.00           \$         28.00.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 93,6 1,816,4 526,3 89,3 5,8 2,0 (16,8 5,7,2 611,2 900,0 224,0 (22,3 2,2,5 2,5
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 48" Manhole 6" Clean out 6" Crea Main 6" VCP 60" Manhole (depths 15'-20') 8" VCP 60" Manholes to Final Grades Adjust Manholes to Final Grades Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station MvD Crossing Remove B&M Plug Steel Casing	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           LF           Ea           Ea           LF           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 149 14 400 800 15 43,300 206,400 164 164 164 7 1 800 43,100 206,000 43,200 206,000 800 4 729 1,200,000 8 2 3 1,200,000 1,200,000 1,200,000 1,500,000 1,500,000 1,600 1,200 1,	\$         1.15           \$         1.50           \$         1.50           \$         1.50           \$         1.50           \$         1.50           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         167.70           \$         182.00           \$         260.00           \$         260.00           \$         269.90           \$         269.90           \$         34.95           \$         6,240.00           \$         41.95           \$         2.55           \$         544.70           \$         838.50           \$         2.080.00           \$         21.00           \$         0.75           \$         28.000.00           \$         0.75           \$         28.000.00           \$         11.180.00           \$         838.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 27,9 93,6 1,816,4 526,3 89,3 89,3 5,8 5,8 5,7,2 611,2 900,0 224,0 222,3 2,5 268,3
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Force Main 6" Clean out 6" Force Main 6" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station MvD Crossing Remove B&M Plug Steel Casing SvPP Sandbags,Visqueen	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           Cal           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400 800 206,400 164 164 164 7 11 800 43,300 206,400 164 164 7 1 1 800 4,200 800 800 800 800 800 800 800	\$         1.15           \$         1.50           \$         1.50           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         125.80           \$         167.70           \$         182.00           \$         167.70           \$         182.00           \$         4160.00           \$         978.90           \$         41.95           \$         6.240.00           \$         41.95           \$         2.55           \$         544.70           \$         838.50           \$         2.080.00           \$         14.300.00           \$         288.50           \$         288.00           \$         283.50           \$         283.50           \$         283.50           \$         283.50           \$         283.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,0 2,250,0 25,367,7 Total 346,5 508,8 111,8 389,9 352,1 364,0 702,0 619,8 13,7 27,9 93,6 1,816,4 526,3 89,3 89,3 5,8 2,0 1,816,4 526,3 89,3 89,3 5,8 2,0 1,816,4 5,26 3,89,3 89,3 5,8 2,0 1,816,4 5,26 3,89,3 8,1 2,0 1,816,4 3,89,3 8,1 2,0 1,816,4 3,89,3 8,9,3 5,8 2,0 1,816,4 2,25 3,80,4 1,816,4 3,817,7 2,79 3,36 1,816,4 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,89,3 3,81,20,20 3,81,20,20,20,20,20,20,20,20,20,20,20,20,20,
	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Force Main 6" CP 60" Manhole (depths 15'-20') 8" VCP 60" Manhole (depths 15'-20') 8" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Adjust Manholes to Interim Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station MvD Crossing Remove B&M Plug Steel Casing SWPPP Sandbags,Visqueen Temporary Lift Station	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,000 2,700 144 400 8000 15 43,300 206,400 164 164 164 77 11 800 43,300 206,400 164 164 3,00 206,400 1,200,000	\$         1.15           \$         1.50           \$         1.50           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         125.80           \$         167.70           \$         182.00           \$         167.70           \$         182.00           \$         4.160.00           \$         978.90           \$         69.90           \$         4.195           \$         6.240.00           \$         5.44.70           \$         544.70           \$         544.70           \$         838.50           \$         0.75           \$         28,000.00           \$         11,180.00           \$         838.50           \$         223.60           \$         0.70           \$         0.665	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,77 Total 346,50 508,88 1111,8 389,99 352,11 364,00 702,00 619,88 13,77 27,99 27,99 32,66 1,816,44 526,33 89,33 80,34 80,34 80,35 80,45 80,35 80
ategory ewer	Zone 1860 3 MG Reservoir Zone 1967 Reservoir Alt Description 10" VCP 12" Force Man 12" VCP 14" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 24" VCP 60" Clean out 6" Force Main 6" Clean out 6" Force Main 6" VCP Access/Maintenance Roads Adjust Manholes to Final Grades Brick plug at line terminus Core MH for 15" connection Fencing Gates Join Existing Lift Station MvD Crossing Remove B&M Plug Steel Casing SvPP Sandbags,Visqueen	Gai           Gai           LF           LF           LF           LF           LF           LF           LF           Ea           Cal           Ea           Ea	3,000,000 1,500,000 1,500,000 Sum of Quantity 6,200 5,200 1,600 2,100 2,100 2,000 2,700 149 144 400 800 206,400 164 164 164 7 11 800 43,300 206,400 164 164 7 1 1 800 4,200 800 800 800 800 800 800 800	\$         1.15           \$         1.50           Unit Price         5           \$         55.90           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         97.85           \$         167.70           \$         182.00           \$         167.70           \$         182.00           \$         167.70           \$         182.00           \$         260.00           \$         4.160.00           \$         34.95           \$         6.240.00           \$         41.95           \$         544.70           \$         544.70           \$         548.00.00           \$         2.800.00           \$         2.800.00           \$         11.180.00           \$         838.50           \$         223.60           \$         0.70           \$         0.65           \$         2.35	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,450,00 2,250,00 25,367,73 Total 346,58

•

,

Category	Alt Description	<ul> <li>See ing the manufacture of the transmission of transmission of the transm</li></ul>	Sum of Quantity	ľ	Unit Price	18212	Total
Recycled Water	18" Gate Valve	Ea	16	\$	5,800.00	\$	92,800
	18" PVC	LF	21,100	\$	60.65	\$	1,279,715
	12" Gate Valve	Ea	12	\$	1,500.00	\$	18,000
	12" PVC	LF	22,300	\$	45.10	\$	1,005,730
	2" Water Service	Ea	75	\$	2,210.00	\$	165,750
	8" Gate Valve	Ea	13	\$	2,500.00	\$	32,500
	8" PVC	LF	22,300	\$	25.70	\$	573,110
	Air Vac	Ea	3	\$	4,400.00	\$	13,200
	Blow-off	Ea	3	\$	5,100.00	\$	15,300
	Join Existing	Ea	8	\$	1,100.00	\$	8,800
	Mobilization	LS	5	\$	24,800.00	\$	124,000
	New Pump Station	Gal	1,600,000	\$	0.20	\$	320,000
	Other Fittings	Ea	4	\$	-	\$	-
	Steel Casing	LF	1,800	\$	223.60	\$	402,480
	SWPPP Compliance	LF	65,700	\$	0.70	\$	45,990
	Traffic Control	LF	65,700	\$	2.35	\$	154,39
	Zone1850 1.5 MG Reservoir	Gai	1,600,000	\$	1,10	\$	1,760,000
		·	•			\$	6,011,770
		Summary of E	MWD Facilities			\$	40,567,844
			<u>Soft Costs</u> Design (6.25%)			\$	2,535,490
		Fie	eld Support (6.25%)			\$	2,535,490
		Plan Check and Inspection Fees (6%)					2,434,07
		Reprographics (10% of Design)					253,54
					\$	7,758,60	
					\$	1,933,05	
			Soft Cost Total			\$	9,691,65
			Means and Methods				
		Gener	ral Condition (1.5%)			\$	608,51
	Fee (4%)					\$	4 000 74
			Insurance (0.75%)			\$	304,25
						\$ \$	304,25 608,51
			Insurance (0.75%)			\$	304,259 608,511
			Insurance (0.75%) Permits (1.5%)			\$ \$	304,259 608,518 608,518
			Insurance (0.75%) Permits (1.5%) Bonds(1.5%) Sub-Total			\$ \$ \$ \$	304,250 608,511 608,511 3,752,520 54,012,021
		c	Insurance (0.75%) Permits (1.5%) Bonds(1.5%)			\$ \$ <b>\$</b>	1,622,714 304,259 608,518 608,518 3,752,526 54,012,027 10,802,405

•

,

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..

### Infrastructure Estimate for City Strategic Economic Development Plan

Category	Alt Description	Unit	Quantity	Total	and the second
Electric	Contractor Installation Costs (mains)	LS	5,641,130	\$	5,641,130
	Mobilization	LS	8	\$	745,750
	MVU Sub-station New 128KW	LS	2	\$	18,240,000
	MVU Sub-station Upgrade	LS	1	\$	7,500,000
	Relocate High Voltage Power Lines	Ea	1	\$	50,000
1	SCE New US No. 268	LS	1	\$	530,000
	SCE Relocation US No. 124	LS	2	\$	1,408,000
	SCE Relocation US No. 127	LS	1	\$	957,000
	SCE Relocation US No. 129	LS	1	\$	22,000
	SCE Relocation US No. 227	LS	1	\$	620,000
	SCE Relocation US No. 630	LS	1	\$	2,912,000
				\$	38,625,880

•	
Soft Costs	
Design (6.25%)	\$ 2,414,118
Field Support (6.25%)	\$ 2,414,118
Plan Check and Inspection Fees (6%)	\$ 2,317,553
Reprographics (10% of Design)	\$ 241,412
·	\$ 7,387,200
Administration (4%)	\$ 1,840,523
Soft Cost Total	9,227,723
Means and Methods	
General Condition (1.5%)	\$ 579,388
Fee (4%)	\$ 1,545,035
Insurance (0.75%)	\$ 289,694
Permits (1.5%)	\$ 579,388
Bonds(1.5%)	\$ 579,388
	\$ 3,572,894
Sub-Total	\$ 51,426,497
Contingency @20%	\$ 10,285,299
<b>Grand Total for Electric Utilities</b>	\$ 61,711,796

.

•

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc., Permits included allowance for MSHCP, KRAT, etc.,

Category	Alt Description	Unit	Quantity ·	Total	l na ar
Other Utilities	Questar Relocation US No. 235	LS	1	\$	1,676,000
	Questar Relocation US No. 635	LS	1	\$	688,000
	SCG Relocation US No. 233	LS	1	\$	3,900,000
	SCG Relocation US No. 241	LS	1	\$	698,000
]	SCG Relocation US No. 633	LS	1	\$	1,513,000
1	SCG Relocation US No. 644	LS	1	\$	2,820,000
L	Verizon Relocation US No. 274	LS	1	\$	76,000
				\$	11,371,000

Soft Costs	
Design (6.25%)	\$ 710,688
Field Support (6.25%)	\$ 710,688
Plan Check and Inspection Fees (6%)	\$ 682,260
Reprographics (10% of Design)	\$ 71,069
	\$ 2,174,704
Administration (4%)	\$ 541,828
Soft Cost Total	2,716,532
Means and Methods	
General Condition (1.5%)	\$ 170,565
Fee (4%)	\$ 454,840
Insurance (0.75%)	\$ 85,283
Permits (1.5%)	\$ 170,565
Bonds(1.5%)	\$ 170,565
	\$ 1,051,818

Sub-Total	\$ 15,139,349
Contingency @20%	\$ 3,027,870
Grand Total Other Utilities	\$ 18,167,219

.

.

<u>Notes:</u> Field Support includes staking, geotechnical, biologist, etc.. Permits included allowance for MSHCP, KRAT, etc..



# CITY OF MORENO VALLEY

Community & Economic Development Department 14177 Frederick Street, Moreno Valley, CA 92552

### AGENDA

### Economic Development Subcommittee Thursday, March 14, 2013 - 2:00 p.m. Moreno Valley City Hall, 2<sup>nd</sup> Floor Training Room 14177 Frederick Street, Moreno Valley

- 1. Call to Order
- 2. Roll Call/Introductions
- 3. Public Comments

Those wishing to speak should complete and submit a BLUE speaker slip to the Secretary. There is a three-minute time limit per person. All remarks and questions shall be addressed to the presiding officer or to the Economic Development Subcommittee of the City and not to any individual subcommittee member, staff member or other person.

- 4. Approval of Minutes of February 14, 2012, Developer's Workshop
- 5. Renewal of Business Visitation Program, including having the Mayor participate.
- 6. Include both ED Subcommittee members in the Business Roundtable Program
- 7. Discussion of the City's Ombudsman Program
- 8. 3-Year Economic Development Action Plan
- 5. Comments/Questions
- 6. Next Regular Economic Development Subcommittee Meeting April 11, 2013
- 7. Next Developer Workshop May 9, 2013
- 8. Adjournment

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, in compliance with the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to Mel Alonzo, ADA Coordinator, at 951.413.3027 at least 48 hours before the meeting. The 48-hour notification will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

# **ECONOMIC DEVELOPMENT ACTION PLAN 2013-2016**

An updated Economic Development Action Plan has been formulated to capitalize on near-term opportunities in eight geographic areas during a 3-year time frame. The focus of the updated Economic Development Action Plan includes the following goals and objectives in the nine recommended geographic areas:

### **Edgemont**

Pursue the revitalization of the Edgemont area through the adoption of a multi-faceted redevelopment strategy.

- Work towards the upgrading the water system to ensure sufficient water pressure to allow for new development projects in this area.
- Use Neighborhood Stabilization program funding to acquire and land bank foreclosed propertiesboth single-family and multi-family residential.
- Conduct quarterly Neighborhood Clean-up programs.
- Retain a planning consultant to evaluate land uses to establish the highest and best land use designations for redevelopment efforts.
- Pursue a master developer to assist with the planning for redevelopment in the Edgemont area.

### **TownGate**

Collaborate with the Fritz Duda Company and CW Capital towards stabilizing, upgrading and expanding retail and restaurant development opportunities in the TownGate area including the Moreno Valley Mall and the five shopping centers surrounding the regional mall including TownGate Center, TownGate Plaza, TownGate Crossing, TownGate Promenade and TownGate Square

- Continue to work with CW Capital-the owner of the Moreno Valley Mall in upgrading and attracting new users to the regional mall.
- Facilitate the planning and marketing for a 30,000 S.F. expansion project at the Moreno Valley Mall to include a new restaurant, retail and plaza area next to Harkins Theatres.
- Work with the Fritz Duda Company in the re-occupancy of vacant retail spaces and the overall stabilization of TownGate Center including new uses such as ULTA Beauty, BevMo and Planet Fitness.
- Assist in the processing of development plans for new projects in TownGate shopping centers including 24 Hour Fitness Sport, Miguel's Jr. Mexican Restaurant and Richie's Real American Diner.
- Cooperate with the Fritz Duda Company in pursuing the continued development of a 'Restaurant Row' area in TownGate Promenade.

# <u>Festival</u>

Cooperate with the Kodash Company and Miller Family Trust-the ownership of the Festival Center, to explore ways to redevelop or enhance the viability of the Festival Center including rehabilitation efforts and incorporating new appropriate land uses.

- Help facilitate attracting new users and the upgrade of the Festival Center.
- Explore developing a new residential component at the Festival Center.
- Explore possibilities with Moreno Valley Unified School District of developing new education facilities at Festival.
- Pursue an overlay study to consider other uses at Festival including possibly cultural & performing arts facilities, along with developing sports or recreation facilities for use by the community to create a mixed-use development concept.

### **Sunnymead Boulevard**

Work towards the further redevelopment of Sunnymead Boulevard, between Frederick Street to Perris Boulevard.

- Conduct a code compliance effort aimed at enhancing the image of Sunnymead Boulevard.
- Pursue new users and development projects for Sunnymead Boulevard.
- Market mixed-use development opportunities for Sunnymead Boulevard that combine new residential projects with retail and office uses.

### **Centerpointe Business Park**

Work with Ridge Property Trust and USAA Real Estate to expand development and business opportunities aimed at completing the Centerpointe Business Park.

- Assist Ridge Property Trust and Harbor Freight Tools (HFT) in the 507,720 S.F. expansion of HFT's Distribution Center at the NW corner of Cactus and Graham.
- Facilitate efforts for a user to occupy USAA's new 522,774 S.F. Centerpointe Logistics Center at the NW corner of Cactus and Frederick.
- Help advance the development of Ridge Property Trust's approved 607,960 S.F. industrial building at the NW corner of Brodiaea and Graham.
- Facilitate expansion plans for the Serta Mattress facility.
- Work with the owner of the Plaza Del Sol Center in stabilizing the center to provide needed shopping and restaurant opportunities in the Centerpointe Business Park area.

# South Moreno Valley Industrial Area

Work with seven developers (Alere Property Group, First Industrial Realty Trust, IDS Real Estate Group, Panattoni Development Co., Sares-REGIS Group, Trammell Crow Company & Western RealCo) on new business attraction and development projects in the South Moreno Valley Industrial Area.

- Work with IDS Real Estate Group in securing a business user for the new 769,320 S.F. Nandina Distribution Center.
- Facilitate the completion of Trammell Crow Company's 1,250,000 S.F. I-215 Logistics Center project, including securing a user.

- Cooperate with First Industrial Realty Trust and Panattoni Development Co. in pursuing the speculative development of two industrial buildings with a total of nearly 2 million S.F.
- Assist Sares-REGIS Group and Western RealCo in build-to-suit opportunities for two approved industrial building projects with a total of more than 3.6 million S.F.
- Work with Alere Property Group, First Industrial Realty Trust and Trammell Crow Co. in the planning and entitlements for several new industrial projects with a proposed 4 million S.F.

# City Center Medical/Healthcare Corridor

Cooperate with Riverside County Regional Medical Center (RCRMC), Kaiser Permanente, Moreno Valley College and Highland Fairview to help facilitate the further expansion of the City of Moreno Valley's Medical/Healthcare Corridor on Nason Street & Iris Avenue.

- Assist Riverside County with the implementation of the Master Plan for expanding the Riverside County Regional Medical Center including a new Trauma & Urgent Care, relocated & upgraded Operations Support building and facilities for the new UCR School of Medicine.
- Facilitate plans by Kaiser Permanente to expand the Moreno Valley Community Hospital with an expansion and upgrade of the Emergency Room facilities and development of a planned second tower.
- Cooperate with Moreno Valley College and Riverside Community College District in the development of a proposed 30,000 S.F. allied health sciences facility in the medical-healthcare corridor.
- Support the planning and marketing efforts of Highland Fairview to pursue the creation of a master planned 200-acre healthcare campus to be situated within the medical corridor and between the two existing hospitals-RCRMC and Kaiser's Community Hospital.
- Continue the planning and funding of capital improvement projects that will widen and construct the ultimate improvements on Nason Street from SR 60 to Iris Avenue to provide critical access to the two hospitals and the medical/healthcare corridor.
- The continued development of Medical/Healthcare corridor on Nason Street and Iris Avenue shall be the City's top priority for new medical and healthcare development.
- Undertake a study to determine highest and best land uses for the City-owned 60-acre property at the NW corner of Nason and Alessandro.

# World Logistics Center at Rancho Belago

Collaborate with Highland Fairview in the development of the World Logistics Center—a 41.6 million S.F. master planned corporate park proposed to be developed on 2,700 acres in the Rancho Belago area of eastern Moreno Valley.

- Process an Environmental Impact Report and preliminary development plans for the World Logistics Center in eastern Moreno Valley---south of SR 60 and east of Redlands Boulevard to Gilman Springs Road.
- Assist in the drafting of a Specific Plan that will guide the orderly development for of World Logistics Center.
- Cooperate with Highland Fairview in the formulation of a Development Agreement to create a public-private partnership to help facilitate the development of new public infrastructure in eastern

Moreno Valley associated with the World Logistics Center including roads, trails, utilities, storm water protection and fire protection facilities.

• Work with Highland Fairview in branding the World Logistics Center as one of the largest ecommerce focused development projects in the U.S.

# SR 60 East Corridor

Pursue new development opportunities along the SR 60 East corridor—from Nason Street to the easterly City limits.

- Prepare an Overlay Study to determine the 'highest and best' land uses along the SR 60 East Corridor.
- Assist property owners and developers in marketing development opportunities along the SR 60 East Corridor.
- Work on opportunities to expand the Moreno Valley Auto Mall.
- Facilitate the stabilization and further development of Stoneridge Towne Centre and Moreno Beach Plaza.

In addition to activities in the eight geographic areas, a series of objectives are being recommended to assist with overall economic development efforts to assist with Business Attraction, Business Retention and Business Expansion including the following:

- Continue to coordinate the Capital Program (CIP) with economic development efforts
- Expand the Development Ombudsman Program to provide a comprehensive range of business support services for developers and businesses
- Restart the Business Visitation Program, including the participation of the Mayor in 1 on 1 visits annually with the Top 50 with the major employers in the community
- Implement new software that will enable business owners, developers, contractors and residents to electronically submit and manage their plans with the City of Moreno Valley
- Utilize the Chambers of Commerce to expand participation in the Small Business Counseling Services provided by the Small Business Development Center (SBDC)
- Work with the Community Investment Corporation in a the development of a business incubator and micro-business loan program
- Pursue the reuse of vacant anchor retail spaces, including the use of the new ED-Retail Anchor Reuse Incentive Program
- Explore revising the scopes of work with the Agreements the Chamber of Commerce to better focus on business retention and expansion activities, including expansion of Shop MoVal, as well as establishing a program to promote more business to business transactions in Moreno Valley
- Utilize the Chambers of Commerce to undertake a survey of the small business community on ways to improve the business climate in Moreno Valley
- Use the Chambers of Commerce to assist with increasing high school graduation rates in the community through the development of mentor programs to link students with business leaders
- Pursue the creation of a Business Support Advisory Council comprised of major employers in Moreno Valley

• Seek ways to promote opportunities for more ties between cultural & performing arts in the community with economic development

- Explore creating an incentive program aimed at attracting development projects with e-commerce or fulfillment center users
- Continue to work with residential developers and the Building Industry Association (BIA) on ways to help facilitate new quality residential development in Moreno Valley

# MEETING MINUTES CITY OF MORENO VALLEY ECONOMIC DEVELOPMENT SUBCOMMITTEE DEVELOPER WORKSHOP February 14, 2013 - 2:00 P.M.

### CALL TO ORDER

Meeting of the Economic Development Subcommittee- Developer Workshop called to order at 2:15 p.m. in the Council Chambers at Moreno Valley City Hall. Copies of the Agenda and Minutes from December 10, 2012 were made available to the public.

### **ROLL CALL**

Council Subcommittee:

- Mayor Tom Owings
- Council Member Victoria Baca

Public: Attendance Sheet attached

### Staff:

- Barry Foster, Community & Economic Development Director
- John Terell, Planning Official
- Randy Metz, Fire Marshal
- Anne Schneider, Building Official
- Mark Sambito, Land Development Division Manager
- Dante Hall, Business Support & Neighborhood Programs Division Manager
- Denise Bagley, Management Analyst
- Karyn Kiefer, Executive Assistant
- Kathi Pierce, Sr. Administrative Assistant

### **PUBLIC COMMENTS**

No speaker slips submitted.

### **APPROVAL OF MINUTES**

Minutes of December 10, 2012 were approved. Owings/Baca.

### Introduction of New Council Member and Subcommittee Members

Foster introduced Mayor Owings and Victoria Baca to the attendees. Both took a few minutes to address the group; the Subcommittee members followed by introducing themselves and stating their title and Division to the group.

### NAIOP - Public Partner of the Year for 2012

Foster announced receiving the Public Partner of the Year Award for 2012 and acknowledged the award was possible by working, not only with the staff, but with the Developers to reduce DIF's and by bringing in contractors.

### **New DIF Rates Effective January 2013**

Foster reviewed DIF rates (Handouts made available to the public) – The City did not just pick and choose where to reduce but took a comprehensive look at what could be reduced, resulting in cutting the DIF's in half. DIF rates are in place and going in the right direction.

### Comments/Questions

Mayor Owings:	Asked the group if they were all aware that fees could be deferred.
Foster:	Stated that DIF and TRUMP Fees can be deferred and that DIF Credits can also transfer to other projects.
Tommy Thompson, BIA:	Stated that he was aware and feels the "The word is spreading" that this can be done.
Mayor Owings:	Asked whether the group felt the city was doing enough to get the word out.
Tom Breitkreuz:	Stated that he feels the city is doing a very good job in letting the developers know that the fees can be deferred.
John Abel:	Stated that he has a great working relationship with Barry Foster and the City and he feels the DIF Reduction makes a huge impact on their projects.

### **Economic Development Action Plan**

Barry Foster reviewed the New Economic Development Action Plan (handouts were made available to the public), each area was reviewed. The new 3-Year Plan was brought to the Council Workshop on February 2, and will be brought to the next Economic Development Meeting on March 14, then to the City Council Study Session in March, and to City Council for approval.

Comments/Questions

Foster:	Edgemont area and the water issue – Solutions are being looked into. Foster has already spoken to Council Member Baca about some options.
Mayor Owings:	Working with staff regarding Sunnymead Blvd.; Code on the illegal sign issues, and the Police Department on the crime issues and lowing traffic speed. Mayor Owings and staff will speak to every business on Sunnymead Blvd. He stated that it will take a collaborative effort but in the next 2-3 years drastic change will be seen – the area will be cleaned up.
Foster:	South Moreno Valley has a lot of approved entitlements and is in a good spot for more short-term development. City Center/ Healthcare - Temporary Occupancy has been approved and Kaiser will be moving people in the new expansion on Monday, February 18.

Mayor Owings:	The focus of the council to support the City's own Medical Corridor was unanimous at the last Study Session.
Foster:	World Logistics Center EIR / Technical Studies - A 40,000 page document was produced as a result of the study. The document was broken into 17 components and is available on the website. Foster is excited to bring it to Planning Commission and see it evolve.
Foster:	Overall Objectives – Dante Hall and Denise Bagley will bring the Ombudsman Program to a new level.

14

**CEQA Litigation** Barry Foster discussed ongoing lawsuits brought against the city which causes delays or halts development.

Comments/Questions

Mayor Owings:	Asked who present was a member of the Chamber of Commerce and if there would be any interest in discussing the possible formation of an Industrial Development Advisory Committee? This committee would better represent the Developer Community and more specifically work at their pace and direction.
Barry Foster:	Asked if anyone present would be interested and/or willing to participate in a committee?
Response	
Larry Cochran FR:	He is interested and would bring it to his board.
Tom Breitkreuz, IDS Real Estate:	Interesting, but before he could comment or commit, due to time constraints, the committee would have to be organized with a plan, but he would like to hear the proposal if Mayor Owings had it.
Mayor Owings:	Would like to discuss this option further with the group.
Foster: <u>Comments/Questions</u>	If there is some interest Foster would follow-up and schedule the meeting to discuss it further.
Larry Cochran:	Asked if Barry Foster would be interested in talking to the NAIOP on this proposal.
Response	
Foster:	Both he and Mayor Owings would be available to speak to NAIOP.

### **DEVELOPER QUESTIONS/COMMENTS**

Comments/Questions

÷

Tom Breitkreuz, IDS Real Estate:	Commented that Time and Materials program is working fine, but if a procedure could be put in place that would enhance the current fee payment process by allowing companies to deposit enough monies in one place to cover all fees for a project that could then be distributed to the separate divisions as needed. He explained that when larger companies have to cut an individual check for each division for the same project, the time it takes to have the check issued can take weeks- causing long delays.
Response	Ye.
Randy Metz:	States that as a group, they are working towards his concept, as it has come up.
Mayor Owings:	Asked Randy Metz if there was a time frame to a solution for this.
Randy Metz:	Discussions with the finance department are in process. Discussions with the Finance Department and the divisions would have to continue in order to coordinate how the procedure could be set up.
Mayor Owings:	Would like to postpone the answer/solution to this until June 2013.
Foster:	Looking into electronic planning reviews that would enable reviews of the project until the very end when a wet signature is needed. Building & Safety and Land Divisions are currently using this for Plan Check.
	Also, looking into software upgrades for the system that would enable payments to be made online as well as tract the process of the project – this would require budgeting funds prior to implementation.

### **FUTURE MEETINGS**

The next Economic Development Subcommittee meeting is March 14, 2013.

The next Economic Development Subcommittee/Developer Workshop is May 9, 2013.

### ADJOURNMENT

The City Council Economic Development Subcommittee/Developer Workshop adjourned at 3:50 p.m.

# **ECONOMIC DEVELOPMENT ACTION PLAN 2013-2016**

An updated Economic Development Action Plan has been formulated to capitalize on near-term opportunities in eight geographic areas during a 3-year time frame. The focus of the updated Economic Development Action Plan includes the following goals and objectives in the nine recommended geographic areas:

### **Edgemont**

Pursue the revitalization of the Edgemont area through the adoption of a multi-faceted redevelopment strategy.

- Work towards the upgrading the water system to ensure sufficient water pressure to allow for new development projects in this area.
- Use Neighborhood Stabilization program funding to acquire and land bank foreclosed propertiesboth single-family and multi-family residential.
- Conduct quarterly Neighborhood Clean-up programs.
- Retain a planning consultant to evaluate land uses to establish the highest and best land use designations for redevelopment efforts.
- Pursue a master developer to assist with the planning for redevelopment in the Edgemont area.

### **TownGate**

Collaborate with the Fritz Duda Company and CW Capital towards stabilizing, upgrading and expanding retail and restaurant development opportunities in the TownGate area including the Moreno Valley Mall and the five shopping centers surrounding the regional mall including TownGate Center, TownGate Plaza, TownGate Crossing, TownGate Promenade and TownGate Square

- Continue to work with CW Capital-the owner of the Moreno Valley Mall in upgrading and attracting new users to the regional mall.
- Facilitate the planning and marketing for a 30,000 S.F. expansion project at the Moreno Valley Mall to include a new restaurant, retail and plaza area next to Harkins Theatres.
- Work with the Fritz Duda Company in the re-occupancy of vacant retail spaces and the overall stabilization of TownGate Center including new uses such as ULTA Beauty, BevMo and Planet Fitness.
- Assist in the processing of development plans for new projects in TownGate shopping centers including 24 Hour Fitness Sport, Miguel's Jr. Mexican Restaurant and Richie's Real American Diner.
- Cooperate with the Fritz Duda Company in pursuing the continued development of a 'Restaurant Row' area in TownGate Promenade.

# <u>Festival</u>

Cooperate with the Kodash Company and Miller Family Trust-the ownership of the Festival Center, to explore ways to redevelop or enhance the viability of the Festival Center including rehabilitation efforts and incorporating new appropriate land uses.

- Help facilitate attracting new users and the upgrade of the Festival Center.
- Explore developing a new residential component at the Festival Center.
- Explore possibilities with Moreno Valley Unified School District of developing new education facilities at Festival.
- Pursue an overlay study to consider other uses at Festival including possibly cultural & performing arts facilities, along with developing sports or recreation facilities for use by the community to create a mixed-use development concept.

# **Sunnymead Boulevard**

Work towards the further redevelopment of Sunnymead Boulevard, between Frederick Street to Perris Boulevard.

- Conduct a code compliance effort aimed at enhancing the image of Sunnymead Boulevard.
- Pursue new users and development projects for Sunnymead Boulevard.
- Market mixed-use development opportunities for Sunnymead Boulevard that combine new residential projects with retail and office uses.

# **Centerpointe Business Park**

Work with Ridge Property Trust and USAA Real Estate to expand development and business opportunities aimed at completing the Centerpointe Business Park.

- Assist Ridge Property Trust and Harbor Freight Tools (HFT) in the 507,720 S.F. expansion of HFT's Distribution Center at the NW corner of Cactus and Graham.
- Facilitate efforts for a user to occupy USAA's new 522,774 S.F. Centerpointe Logistics Center at the NW corner of Cactus and Frederick.
- Help advance the development of Ridge Property Trust's approved 607,960 S.F. industrial building at the NW corner of Brodiaea and Graham.
- Facilitate expansion plans for the Serta Mattress facility.
- Work with the owner of the Plaza Del Sol Center in stabilizing the center to provide needed shopping and restaurant opportunities in the Centerpointe Business Park area.

# South Moreno Valley Industrial Area

Work with seven developers (Alere Property Group, First Industrial Realty Trust, IDS Real Estate Group, Panattoni Development Co., Sares-REGIS Group, Trammell Crow Company & Western RealCo) on new business attraction and development projects in the South Moreno Valley Industrial Area.

- Work with IDS Real Estate Group in securing a business user for the new 769,320 S.F. Nandina Distribution Center.
- Facilitate the completion of Trammell Crow Company's 1,250,000 S.F. I-215 Logistics Center project, including securing a user.

- Cooperate with First Industrial Realty Trust and Panattoni Development Co. in pursuing the speculative development of two industrial buildings with a total of nearly 2 million S.F.
- Assist Sares-REGIS Group and Western RealCo in build-to-suit opportunities for two approved industrial building projects with a total of more than 3.6 million S.F.
- Work with Alere Property Group, First Industrial Realty Trust and Trammell Crow Co. in the planning and entitlements for several new industrial projects with a proposed 4 million S.F.

## **City Center Medical/Healthcare Corridor**

Cooperate with Riverside County Regional Medical Center (RCRMC), Kaiser Permanente, Moreno Valley College and Highland Fairview to help facilitate the further expansion of the City of Moreno Valley's Medical/Healthcare Corridor on Nason Street & Iris Avenue.

- Assist Riverside County with the implementation of the Master Plan for expanding the Riverside County Regional Medical Center including a new Trauma & Urgent Care, relocated & upgraded Operations Support building and facilities for the new UCR School of Medicine.
- Facilitate plans by Kaiser Permanente to expand the Moreno Valley Community Hospital with an expansion and upgrade of the Emergency Room facilities and development of a planned second tower.
- Cooperate with Moreno Valley College and Riverside Community College District in the development of a proposed 30,000 S.F. allied health sciences facility in the medical-healthcare corridor.
- Support the planning and marketing efforts of Highland Fairview to pursue the creation of a master planned 200-acre healthcare campus to be situated within the medical corridor and between the two existing hospitals-RCRMC and Kaiser's Community Hospital.
- Continue the planning and funding of capital improvement projects that will widen and construct the ultimate improvements on Nason Street from SR 60 to Iris Avenue to provide critical access to the two hospitals and the medical/healthcare corridor.
- The continued development of Medical/Healthcare corridor on Nason Street and Iris Avenue shall be the City's top priority for new medical and healthcare development.
- Undertake a study to determine highest and best land uses for the City-owned 60-acre property at the NW corner of Nason and Alessandro.

## World Logistics Center at Rancho Belago

Collaborate with Highland Fairview in the development of the World Logistics Center—a 41.6 million S.F. master planned corporate park proposed to be developed on 2,700 acres in the Rancho Belago area of eastern Moreno Valley.

- Process an Environmental Impact Report and preliminary development plans for the World Logistics Center in eastern Moreno Valley—south of SR 60 and east of Redlands Boulevard to Gilman Springs Road.
- Assist in the drafting of a Specific Plan that will guide the orderly development for of World Logistics Center.
- Cooperate with Highland Fairview in the formulation of a Development Agreement to create a public-private partnership to help facilitate the development of new public infrastructure in eastern

Moreno Valley associated with the World Logistics Center including roads, trails, utilities, storm water protection and fire protection facilities.

• Work with Highland Fairview in branding the World Logistics Center as one of the largest ecommerce focused development projects in the U.S.

## SR 60 East Corridor

Pursue new development opportunities along the SR 60 East corridor—from Nason Street to the easterly City limits.

- Prepare an Overlay Study to determine the 'highest and best' land uses along the SR 60 East Corridor.
- Assist property owners and developers in marketing development opportunities along the SR 60 East Corridor.
- Work on opportunities to expand the Moreno Valley Auto Mall.
- Facilitate the stabilization and further development of Stoneridge Towne Centre and Moreno Beach Plaza.

In addition to activities in the eight geographic areas, a series of objectives are being recommended to assist with overall economic development efforts to assist with Business Attraction, Business Retention and Business Expansion including the following:

- Continue to coordinate the Capital Program (CIP) with economic development efforts
- Expand the Development Ombudsman Program to provide a comprehensive range of business support services for developers and businesses
- Restart the Business Visitation Program, including the participation of the Mayor in 1 on 1 visits annually with the Top 50 with the major employers in the community
- Implement new software that will enable business owners, developers, contractors and residents to electronically submit and manage their plans with the City of Moreno Valley
- Utilize the Chambers of Commerce to expand participation in the Small Business Counseling Services provided by the Small Business Development Center (SBDC)
- Work with the Community Investment Corporation in a the development of a business incubator and micro-business loan program
- Pursue the reuse of vacant anchor retail spaces, including the use of the new ED-Retail Anchor Reuse Incentive Program
- Explore revising the scopes of work with the Agreements the Chamber of Commerce to better focus on business retention and expansion activities, including expansion of Shop MoVal, as well as establishing a program to promote more business to business transactions in Moreno Valley
- Utilize the Chambers of Commerce to undertake a survey of the small business community on ways to improve the business climate in Moreno Valley
- Use the Chambers of Commerce to assist with increasing high school graduation rates in the community through the development of mentor programs to link students with business leaders
- Pursue the creation of a Business Support Advisory Council comprised of major employers in Moreno Valley

• Seek ways to promote opportunities for more ties between cultural & performing arts in the community with economic development

.

- Explore creating an incentive program aimed at attracting development projects with e-commerce or fulfillment center users
- Continue to work with residential developers and the Building Industry Association (BIA) on ways to help facilitate new quality residential development in Moreno Valley

## MEETING MINUTES CITY OF MORENO VALLEY ECONOMIC DEVELOPMENT SUBCOMMITTEE December 10, 2012, 2:00 P.M.

### CALL TO ORDER

Meeting of the Economic Development Subcommittee was called to order at 2:02p.m. in the Training Room at Moreno Valley City Hall. Copies of the Agenda and Minutes from October 11, 2012 were made available to the public.

### **ROLL CALL**

Council Subcommittee:

- Council Member Jesse L. Molina
- Council Member Marcelo Co

#### Staff:

- Barry Foster, Community & Economic Development Director
- Denise Bagley, Management Analyst
- Karyn Kiefer, CEDD

## **PUBLIC COMMENTS**

No speaker slips submitted.

## **APPROVAL OF MINUTES**

Minutes of October 11, 2012 were approved. Molina/Co.

### **ED- RETAIL ANCHOR REUSE INCENTIVE PROGRAM**

- 1. Budget \$50,000.00/year. The program would provide incentives to developers when utilizing vacant properties 20,000 sq. ft. or larger. The city will subsidize one half of the cost for planning fees, building permits and costs (approximately \$7,500.00 to \$10,000.00)
- 2. Foster met with shopping center use and reports getting close to agreeing on a lease or purchase of existing building (former Albertsons). Plans are to fast-track the project with a projected opening in March or April 2013. 3.8 million dollar budget established by the user to remodel the store, strongly believing that store presentation is important and have found this to increase sales.

### NEW 3-YEAR PLAN ECONOMIC DEVELOPMENT PLAN

#### New Economic Development Action Plan

Foster outlined the new Proposed 3-year ED Action Plan. The New Proposed 3-year ED Action Plan will expand the areas of focus from five to eight with the following areas proposed to be included:

- Edgemont-Pursuing the redevelopment of the Edgemont area through a multi-faceted revitalization strategy of 1) upgrading the water system, 2) using Neighborhood Stabilization Program (NSP) funding to acquire and land bank foreclosed properties, 3) conduct frequent neighborhood clean-ups and code compliance efforts, and 4) evaluating appropriate land uses in conjunction with the possible use of an Overlay Zone.
- **Towngate**-Continue to work with CW Capital and the Fritz Duda Company with efforts to stabilize, upgrade and expand the Moreno Valley Mall and the five shopping centers in

Towngate that surround the MV Mall including Towngate Center, Towngate Plaza, Towngate Crossing, Towngate Promenade and Towngate Square.

- **Festival Center**-Work with the owner of the Festival Center to explore ways to cooperate on efforts to redevelop Festival including rehabilitation projects, along with incorporating new land use possibilities such as education facilities and sport/recreation facilities for community use.
- **Centerpointe Business Park**-Cooperate with USAA Real Estate and Ridge Property Trust to expand development and business opportunities at the Centerpointe Business Park including 1) the expansion of the Harbor Freight Tools DC campus and 2) the opening of the Centerpointe Logistics Center.
- South Moreno Valley Industrial Area-Facilitate new business attraction and more development activity in the South MV Industrial Area including 1) the leasing of the new 770,000 S.F. Nandina Distribution Center, 2) beginning construction of two approved/entitled projects with 2 million S.F. and 3) assist in the planning approval process for three projects that at proposing another 2.7 million S.F. of industrial buildings.
- City Center Medical/Healthcare Corridor-Work with Highland Fairview, Riverside County Regional Medical Center (RCRMC), Kaiser Permanente and Moreno Valley College to help facilitate the further expansion of the City's medical/Healthcare Corridor on Nason/Iris including 1) the processing of Highland Fairview's development plans for the creation of a world class healthcare campus at Aquabella, 2) expansion of the RCRMC medical campus including facilities for the new UCR Medical School, 3) further development of Kaiser's Moreno Valley healthcare campus and 4) assist in the development of Moreno Valley College's planned 25,000 S.F. building on Oliver that will be used for the Allied Health Science program.
- World Logistics Center-Rancho Belago-Collaborate with Highland Fairview on a Specific Plan and Development Agreement to assist in the development of the World Logistics Center-a master planned 41 million S.F. business park that will be branded as 'one of the largest e-commerce focused business locations in the U.S. Included with the Specific Plan and Development Agreement will be forging a public-private partnership to help facilitate the development of new public infrastructure facilities in the Rancho Belago area including roads, trails, utilities, water & sewer lines, storm water protection and fire facilities.
- SR 60 East Corridor-Plan for new development opportunities along the SR 60-East corridor from Nason Street easterly to the City limits, with a goal of achieving the 'highest and best' land uses.

The Goal is to have the draft of the new 3-year Action Plan to Council in January, to bring back in February.

Comments/Questions	
Council Member Molina	Commented that the highest sales tax produced in the area was collected in Moreno Valley – will mention this at the next City Council Meeting.
Council Member Co	Commented that he would like to see the Edgemont area adjacent to the 215 freeway developed because of the proximity to Riverside. <u>Response:</u> Foster indicated that he agrees but would have to consider MAFB flight pattern and population density in the area.

## **FUTURE MEETINGS**

Developer Workshop is February 14, 2013, as part of the next Economic Development Subcommittee Meeting.

The following Economic Development meeting is March 14, 2013

### ADJOURNMENT

The City Council Economic Development Subcommittee adjourned at 3:12 p.m.

/kk

٠.

•

## **Cindy Miller**

From: Cindy Miller

Sent: Tuesday, April 26, 2011 4:08 PM

To: William Batey; Jesse Molina; Marcelo Co; 'marcelocoforcitycouncil@gmail.com'; 'molinavision@verizon.net'; Richard Stewart; 'richstew27@gmail.com'; Robin Hastings

Cc: Jane Halstead; Juliene Clay; Ewa Lopez

Subject: FW: Economic Development Plan

Forwarded on behalf of the City Manager

From: Meli Van Natta [mailto:ask.meli@verizon.net] Sent: Tuesday, April 26, 2011 3:51 PM To: City Manager's Office Subject: Economic Development Plan

Dear Mr. Garcia,

I have to say I am very impressed with the staff's work on this document. It's very thorough and forwardlooking, focusing on Moreno Valley's future instead of its past. There are a few items that may need "tweaking", but overall I support the plan and the vision.

Sincerely,

Meli Van Natta, CRS Rancho Belago Realty 23205 Sunnymead Blvd. Moreno Valley, CA 92553

Email: <u>ask.meli@verizon.net</u> Website: <u>www.RanchoBelagoRealty.com</u> DRE License: 00660064

### **Cindy Miller**

From: Cindy Miller

Sent: Tuesday, April 26, 2011 4:15 PM

To: William Batey; Jesse Molina; Marcelo Co; 'marcelocoforcitycouncil@gmail.com'; 'molinavision@verizon.net'; Richard Stewart; 'richstew27@gmail.com'; Robin Hastings

Cc: Jane Halstead; Juliene Clay; Ewa Lopez

Subject: FW: I am in suport of the economic dev. action plan being presented tuesday night it is item g2 on the council agenda

Forwarded on behalf of the City Manager

From: DSW Corp [mailto:dswcorp@yahoo.com]
Sent: Tuesday, April 26, 2011 4:13 PM
To: City Manager's Office
Subject: I am in suport of the economic dev. action plan being presented tuesday night it is item g2 on the council agenda

### **Cindy Miller**

From: Cindy Miller

Sent: Tuesday, April 26, 2011 5:02 PM

To: William Batey; Jesse Molina; Marcelo Co; 'marcelocoforcitycouncil@gmail.com'; 'molinavision@verizon.net'; Richard Stewart; 'richstew27@gmail.com'; Robin Hastings

Cc: Jane Halstead; Juliene Clay; Ewa Lopez

Subject: FW: Economic Development Action Plan

Forwarded on behalf of the City Manager

From: United Democrats of Moreno Valley [mailto:united.democrats@gmail.com] Sent: Tuesday, April 26, 2011 4:57 PM To: City Manager's Office Subject: Economic Development Action Plan

Dear Mr. Garcia, As a longtime resident of Moreno Valley and community activist, I would like for you to know that I support the Economic Development Action Plan that it is being presented tonight.

I beleive this plan will be key to Moreno Valley's economic recovery because of it's central focus on job creation. The Plan will fulfill that essential goal, put residents back to work, and get our city moving again.

# D. Raul Wilson 23595 Judge Ward Court Moreno Valley, CA 92557

#### **United Democrats of Moreno Valley**

"Once social change begins, it cannot be reversed. You cannot uneducate the person who has learned to read. You cannot humiliate the person who feels pride. You cannot oppress the people who are not afraid anymore. We have seen the future, and the future is ours." — <u>Cesar Chavez</u>



CHY COUNCIL HORENO VALLEY RECEIVED

13 FEB 12 PM 2: 55

**City Manager's Office** 

# MEMORANDUM

To: Mayor, Mayor Pro Tem, and Members of the City Council

From: Michelle Dawson, Assistant City Manager

Date: February 12, 2013

Subject: Staff Follow Up on Consensus Items Identified at Council Workshop

Staff is following up on your items from the February 2 Council Workshop per the following timeframes:

Council item on future agenda to take action on Charter Subcommittee, with a Citizens Review Committee, 2014 election:

• The City Manager's Office and City Attorney are preparing a staff report for the Feb. 26<sup>th</sup> regular Council meeting

**Directly-elected Mayor:** 

• To be discussed as part of the Charter drafting process

Efforts of city to focus on medical corridor:

• This area is included in the 3-Year Economic Development Action Plan

Highest/best use study for 60 acres on Nason owned by the City:

• Initiating the RFP process in April to retain a planning consultant (note that we are already doing this for the SR 60 East overlay)

Seek innovative measures to enhance Economic Development efforts:

Included in overall Economic Development effort

Business incubators – higher priority:

• Program idea will be presented at the April 11 Economic Development Subcommittee meeting

Emphasize incentives for ecommerce fulfillment centers:

• To be discussed at the June 13 Economic Development Subcommittee meeting

Mayor and City Council CJJJAY CHE Staff Follow Up on Consensus Items Identified at Council Workshop February 12, 2013 23 19 51 51 51 51 Page 2

ين د فل زند

Continue to emphasize residential development:

• This is included in the 3-year Economic Development Action Plan

Performing arts overlay:

• To be discussed at the June 13 Economic Development Subcommittee meeting

Mayor's council on education a priority:

• The City Manager's Office is preparing a staff report for the Feb. 26<sup>th</sup> regular Council meeting

Augment street maintenance budget in 1-2 yrs.:

• Will be discussed as part of the budget development process

More aggressive flood control enforcement:

• First notifications to owners of privately-owned dirt channels were sent out in October; second notices pending.

Develop neighborhood program:

• To be discussed at the May 7 Economic Development Subcommittee meeting

Balance General Fund budget in FY 13/14 (but also present a 2-yr option):

• Options will be discussed with Council Members initially at their 1 on 1 meetings with the budget team April 22-29

Discuss unfunded liabilities w/3 yr budget:

• Scheduled for April 16 Study Session

Study session: surplus properties:

Scheduled for March 19 Study Session

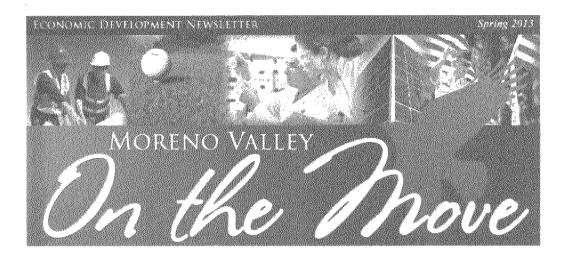
Conduct Neighborhood budget meetings:

• To be held in each Council District between May 6-30

Include Sunnymead Blvd on Economic Development list:

• This is included in the 3-year Economic Development Action Plan

The content in this preview is based on the last saved version of your email - any changes made to your email that have not been saved will not be shown in this preview.





## In This Issue

Skechers Building is LEED Certified

New 3-year Economic Development Plan to be Released

Development Interest Unwavering

New Business Highlight

Events/Awards/Trends

Get to Know Us

Developer Workshops

### **Quick Links**

City of Moreno Valley RivCoProspector.com Small Business Resource Guide Shop MoVal

# **Quarterly Economic Development News**

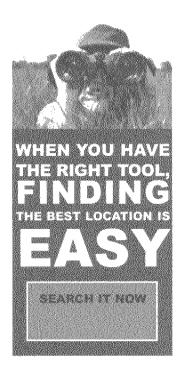


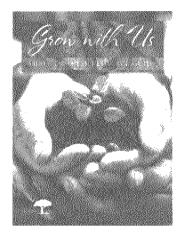
Supervisor Marion Ashley, Council Member Richard A. Stew: Benzeevi, Council Member Jesse L. Molina, Mayor Pro Tem I Tom Owings and Council Member Victoria Baca at the preser Certification at the Skechers USA developme

## Moreno Valley Skechers Building is LEED Gold Certif

Highland Fairview's Skechers USA development project has been certified LEE Building Council (USGBC). On Friday February 22, 2013, a ceremony was held celebrate the project having been certified LEED Gold.

The LEED designation in new building construction is prestigious and an achie aspire to achieve. LEED stands for Leadership in Energy and Environment certification process is managed by USGBC in seeking to design and build mor and sustainable development projects. The LEED rating system scores points ir



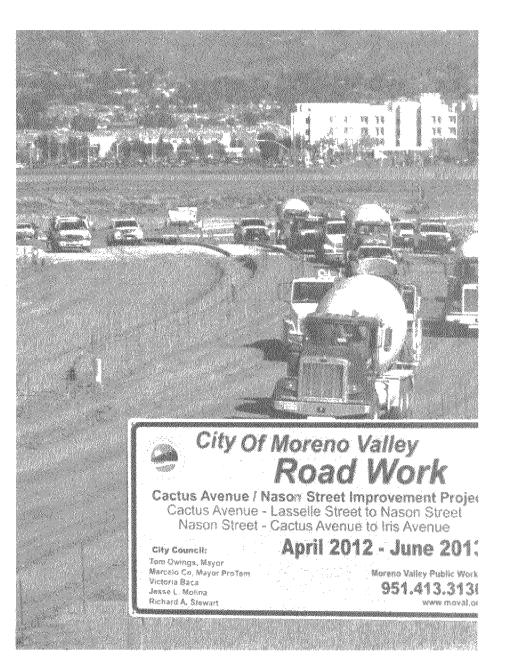






To gain final LEED certification from the USGBC, a development project demonstrate its operating efficiencies, along with its environmental and attributes.

Click here to view the press release in its entirety.



Work continues on the Cactus Ave. / Nason St. Improver

## ED Action Plan Update: New 3-year Economic Dev Plan to be Released

As the City's successful 2-year Economic Development Action Plan sunsets, year Economic Development Action Plan is underway. The new plan will exp areas from five to nine to capitalize on near-term opportunities in more areas o

for the expanded plan was unveiled to the City Council at a recent Council we future discussion and consideration for approval is as follows:

- Economic Development Subcommittee March 14, 2013.
- City Council Study Session April 2, 2013.
- Consider for approval by the City Council April 23, 2013.

All meetings are open to the public. Meeting agendas can be found online.



Kaiser Permanente recently completed a new 75,000 square foot med

## **Development Interest Unwavering**

Moreno Valley is clearly becoming a "best place to do business" as develope projects in the City. Most development projects in Moreno Valley are speculati the significant level of confidence that business in Moreno Valley will succeed.

In this last year alone, one developer completed, and subsequently leased, a 65 in the South Moreno Valley Industrial Area. Additionally, Kaiser Permanente r 75,000 square foot medical office complex, complimenting the existing commun

Current projects include:

- More than 2.5 million square feet under construction
- More than 7 million square feet of approved projects, many of which are it

For project details, view the Economic Development Summary by visiting the Co Development Department <u>online</u>.

## Window + Door Manufacturer Coming

Value Windows & Doors Corporation purchased the former 9.7 acre MVP RV fa Tenant improvement plans are under development for the reuse of the three busquare feet. Value Windows & Doors expects to employ approximately 125 peo

## R&D Company Chooses Moreno Valley

InTouch BioSolutions, LLC, is a research & development (R&D) company that r Valley. Development Services staff worked hard to help facilitate the relocation San Francisco Bay area. InTouch BioSolutions operates the following:

- InTouch Bio-provides enabling services in drug R&D and preclinical res and the scientific community-including oncology, neurology & immunol toxicology testing.
- Cell Specific-provides cell-based assay and drug biomarker developme services.

## Events/Awards/Trends:



The City of Moreno Valley was honored with a REXIE

## City named 2012 NAIOP Public Partner of the Year

The City of Moreno Valley was awarded the Public Partner of the Year for Estate Excellence in the Inland Empire (REXIE) awards program for the Nationa & Office Properties (NAIOP). Five major industrial developers nominated Mor and Moreno Valley beat out four other finalists including the cities of Rivers Riverside County. Information about NAIOP can be found at <u>www.naiopie.org</u>.

## **CEQA Process Forum hosted by City**



≽ (¶)́

#### **Click Here to Watch the Video**

When a development project is proposed, the City of Moreno Valley follows the Quality Act (CEQA) to evaluate and evaluate the impact on the environment. V in the planning process, the City hosted a public forum to provide an unders process projects undergo. The event and all related presentations can be found here to watch the video.

#### Auto Mall Improvements Land Public Works Award

The American Public Works Association (APWA) presented the City of Morei award in December 2012 for the completed Moreno Valley Auto Mall improve was bestowed upon the City for the Auto Mall upgrade project funded by th Agency. The project encompassed both the freeway pylon sign and th improvements. The completed project is an important element of the "Shop Mo<sup>3</sup> residents and businesses to spend retail dollars in Moreno Valley.

## Get to Know Us: Randy Metz



Randy Metz is the Fire Marshal for the Moreno Randy manages the Fire Prevention Bureau which i construction inspections, hazard reduction/weed residential housing inspections, and the annual fir inspection programs. The Fire Prevention Bure Department and responsible for enforcing all codes

#### MV00231582

fire & life safety, as well as educating the public as to the importance of commu emphasizes the importance of working with our development community to en the needs of our developers while at the same time, achieve the level of sa Code.

With an undergraduate degree in Management from Azusa Pacific University California State Fire Marshal's Office as a Fire Marshal, and international accre through the Center for Public Safety Excellence, Randy's 21 years in the Califc broad level of experience to Moreno Valley. Randy is currently in his final Academy's Executive Fire Officer Program and is preparing to begin Graduat Public Administration program. Randy serves as a member of the Executive California Fire Prevention Officers. Randy also spends his spare time serv Pasadena Tournament of Roses where he has been a volunteer leader for over

#### About Developer Workshops

The City of Moreno Valley's quarterly Developer Workshop provides a unique o the development community to join City Council members, City execut development services staff to discuss ways to enhance the development s Valley. This meeting is designed to promote communication and exchange ide development in Moreno Valley. The next Developer's Workshop will be on The more information about this opportunity, please contact Karyn Kiefer at <u>karynk@</u>

### We Want to Hear from You!

The City of Moreno Valley Economic Development Team is here to assist you. Please send your comments, qu to: <a href="mailto:edteam@moval.org">edteam@moval.org</a>



Forward email

#### SafeUnsubscribe

Constant Contact

Try it FREE today.

This email was sent to contactus@moval.org by <u>edteam@moval.org</u> | <u>Update Profile/Email Address</u> | Instant removal with <u>SafeUnsubscribe</u><sup>™</sup> | <u>Privacy Policy</u>.

City of Moreno Valley | 14177 Frederick Street | PO Box 88005 | Moreno Valley | CA | 92552

MV00231583





#### In This Issue

New Development Impact Fee

ED Action Plan

Speculative Development

New Business Highlight

Spotlight on Moreno Valley Business

Events/Awards/Trends

Get to Know Us

Awareness

Quick Links City of Moreno Valley RivCoProspector.com Small Business

# **Quarterly Economic Development News**

## **Developers Support City's New DIF Schedule**

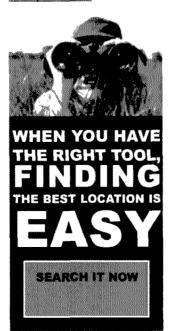
Many members of the development community attended the October 9, 2012 Moreno Valley City Council meeting to lend support for the proposed Development Impact Fee (DIF) rate revisions. The Council-approved new DIF rate schedule had not been updated since 2005. Approved by the City, the new DIF update provides a balance that continues to encourage quality development while providing for the infrastructure needs of a growing City.

The revised rate schedule will be made available on the City's Website at <u>www.moval.org</u> by January 15, 2013. For more information, please contact the Land Development Division of the Community & Economic Development Department by calling 951.413.3120.

## Moreno Valley's Economic Development Action Plan a Success

After just 18 months of implementation of the Economic Development Action Plan, the City can boast of successes in job growth and project advancement. The Plan outlined a series of steps in April 2011 with the goal of Business Development and Job Creation.

## Resource Guide Shop MoVal



## New Development Project Status Round-up:

**Industrial Development** 

- Four projects with a total of more than 3.23 million square feet have started construction in the past 15 months.
- Another 3 million square feet planned to start construction within the next six months;
- Nearly 10 million square feet of industrial space is in the planning process in the Centerpoint Business Park and South Moreno Valley Industrial area.
  - A Specific Plan and Environmental Impact Report is underway for the World Logistics Center a proposed 41 million square foot master planned corporate park.

#### **Job Creation**

Within the Economic Development Action Plan Areas, 2,530 more jobs created in the following business sections:

## 1487

77 Automobile Dealership

Distribution/Manufacturing

Itomobile Dealers



567

Office/Healthcare

Retail/Restaurant



The City is investing in a variety of major capital improvement projects that are currently between the design-phase or under construction. All the projects will improve traffic flow in the community and advance economic development efforts. Together the capital improvement projects will be supporting 3,916 jobs in FY 2012/13.

More information can be found on the Community & Economic Development Department webpage at www.moval.org/CEDD.

## Speculative Development is Heating Up in Moreno Valley

Interest in the Moreno Valley industrial market continues to heat up. Several major industrial development firms are pursuing speculative development projects to take advantage of the significant interest by business users. The following are just two examples of the development activity in Moreno Valley:

• The I-215 Logistics Center under development by





Trammell Crow Company (TCC) has pulled permits for its speculative 1.25 million square foot industrial building in the South Moreno Valley Industrial Area. The TCC project also includes a future 457,000 square foot building.

• USAA Real Estate Company is nearing completion of a 522,374 square foot building project in the Centerpointe Business Park.

## **New Business Highlight**



The S Bar & Grill has opened as the second restaurant concept in Moreno Valley for the Lim family. Located in Sunnymead Ranch, S Bar & Grill provides an upscale sports bar environment with a casual menu.

The opening of S Bar & Grill is one of several new dining options

becoming available to Moreno Valley- with Miguels Jr. and Chipotle coming soon.

## **Spotlight on Moreno Valley Business**

"Spotlight on Moreno Valley Business" recognizes both large and small, corporate and independent businesses in the community. Most recently, the two businesses below were publicly recognized for their generous commitment to the Moreno Valley community:

## Waste Management

Waste Management is one of North America's leading providers of comprehensive waste management services. Waste Management is also a major developer, operator and owner of waste-to-energy and landfill gas-to-energy facilities in the United States.

With a transfer station right in Moreno Valley, Waste

Management is a leading supplier of compressed natural gas (CNG) for energy efficient vehicles. Company representatives are very active in a number of community organizations and events.

#### Moreno Valley Mall

Moreno Valley Mall delivers the ultimate shopping experience for Moreno Valley and surrounding communities.

Under new management the Moreno Valley Mall is working on plans to expand the 1.25 million sq. ft. regional mall to the north of Harkins Theatres,



featuring new retail and restaurant opportunities.

The Mall features favorite shops for locals along with the national brands sought after by consumers, as well as a popular 16-screen, state-of-the-art theatre. Check out new additions including Round 1 Bowling & Amusement, Rue 21, Shellshock, Boba Express, and the Vanguard Art Gallery.