

# RCFC & WCD

## 2018

June 6, 2019

Calendar On

2018 - 0089 -

DATE

PROJECT NUMBER

INDIO MDP- AVENUE 42

PROJECT NAME

CONSTRUCTION COST	\$	<u>897,160</u>
PLUS 22% LUMP SUM ITEMS	+	<u>197,375</u>
PLUS 12% CONTINGENCY	+	<u>107,659</u>
SUBTOTAL	=	<u>1,202,194</u>
ENV. MITIGATION COSTS	+	<u>0</u>
PLUS 25% ENG & ADMIN	+	<u>251,205</u>
PLUS 3% MSHCP MITIGATION FEE	+	<u>30,145</u>
RIGHT-OF-WAY	+	<u>0</u>
<b>TOTAL \$</b>		<b><u>1,484,000</u></b>

DATE OF R/W ESTIMATE

### ADDITIONAL INFORMATION

PROJECT  
LENGTH

00 + 00

RESPONSIBLE  
SECTION



ENGR. INT.

### PROJECT TYPE:

Flood Control     Water Conservation     Water Quality Enhancement     Ground Water Recharge

Other    CITY OF INDIO MDP

### PROJECT DESCRIPTION:

AVENUE 42 MDP DRAINAGE FACILITY INCLUDING STORM DRAIN PIPE AND CATCH BASINS FROM CLINTON TO MONROE, CONNECT TO THE EXISTING 36" STORM DRAIN STUB OUT PER D-1782.

**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
2018 PROJECT PLANNING COSTS**

PROJECT DESCRIPTION: **INDIO MDP- AVENUE 42**

ITEM	UNIT	QUANTITY	CRITERIA	2018 Cost	TOTAL
TRAP. CHANNEL EXCAVATION	CY		b > 8	\$6.60	
			b ≤ 8	\$9.20	
RCB & RECT. CHAN. EXCAVATION	CY		b > 12	\$8.00	
			b ≤ 12	\$12.10	
COMPACTED FILL	CY		EXC > FILL	\$3.25	
			EXC < FILL	\$7.30	
STRUCTURE BACKFILL	CY			\$10.40	
TRAP. CHANNEL CONCRETE	CY		b > 8 <sup>1</sup>	\$380.00	
			b ≤ 8	\$480.00	
R.C.B. CONCRETE (INCLUDING STEEL)	CY		L > 150	\$720.00	
			L < 150	\$860.00	
RECT. CHAN. CONC. (INCLUDING STEEL)	CY		L > 150	\$440.00	
			L < 150	\$615.00	
CUTOFF WALL (2' TYP.)	LF			\$13.50	
SUBDRAIN	LF		6 < b ≤ 16	\$12.50	
			b > 16	\$25.00	
FENCING (6' TYP.)	LF			\$21.30	
CATCH BASINS	LF	112		\$560.00	\$62,720
MANHOLES (PIPE)	EA	3	FOR MAINLINE	\$6,200.00	\$18,600
		4	FOR JUNCTION	\$8,000.00	\$32,000
MANHOLES (RCB)	EA			\$2,100.00	
HOT MIX ASPHALT (HMA) TYPE A <sup>3</sup>	SF			\$3.00	
CLASS 2 BASE (3" THICK)	SF			\$0.40	
ROCK SLOPE PROTECTION <sup>4</sup> CONC.-ROCK SLOPE PROTECTION	CY <sup>2</sup>			\$80.00	
				\$130.00	
STORM DRAINS	SEE STORM DRAIN COST SHEET				\$702,240
SLAB BRIDGES	LBS	SEE BRIDGE COST SHEET	REBAR CONCRETE	\$1.10	
	CY			\$540.00	
MISCELLANEOUS COSTS	SEE MISCELLANEOUS COST SHEET				\$81,600
DAM & BASIN COSTS	SEE DAM & BASIN COST SHEET				
1. No.4 bars at 18 inches 2. 1.9 tons/cy 3. Includes 4" A.C. & 8" A.B. 4. Use 75% for large installations (>1000cy) 5. Use 125% of rock slope protection to determine concreted-rock quantity 6. i.e. Mobilization, Water Control, etc. 7. Connector pipe, etc. 8. Cell typically only used for ADP Updates.	CONSTRUCTION COST				\$897,160
	LUMP SUM ITEMS (22%) <sup>6</sup>				\$197,375
	CONTINGENCIES (12%) <sup>7</sup>				\$107,659
	SUBTOTAL				\$1,202,194
	ENG & ADMIN. (25%); MSHCP MITIGATION FEE: (3%) ? <input checked="" type="checkbox"/> ON FOR YES				\$281,349
AS-BUILT COSTS <sup>8</sup>				\$0	
ENV. MITIGATION COSTS (LS)				\$0	
R/W (FROM R/W SHEET)				\$0	
R/W (FROM DAM & BASIN SHEET)				\$0	
rev. 9/21/2017					
NAME & DATE				TOTAL	\$1,483,544
06/06/19					

