

# RCFC & WCD

2018

August 21, 2019

Calendar On

2018 - 0089 -

DATE

PROJECT NUMBER

INDIO MDP-CIVIC CENTER SD SYSTEM

PROJECT NAME

CONSTRUCTION COST	\$	<u>1,991,800</u>
PLUS 22% LUMP SUM ITEMS	+	<u>438,196</u>
PLUS 12% CONTINGENCY	+	<u>239,016</u>
SUBTOTAL	=	<u>2,669,012</u>
ENV. MITIGATION COSTS	+	<u>0</u>
PLUS 25% ENG & ADMIN	+	<u>557,704</u>
PLUS 3% MSHCP MITIGATION FEE	+	<u>66,924</u>
RIGHT-OF-WAY	+	<u>0</u>
<b>TOTAL</b>		<b>\$ <u>3,294,000</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:

CIVIC CENTER MDP DRAINAGE FACILITY INCLUDING STORM DRAIN PIPE, CATCH BASINS AND INFILTRATION TRENCH AND MODIFIED MARSHALL ST PARKWAY FOR BIO-RETENTION AND DETENTION

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

PROJECT DESCRIPTION: **INDIO MDP-CIVIC CENTER SD SYSTEM**

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	140		\$560.00	\$78,400
MANHOLES (PIPE)	EA	5	FOR MAINLINE	\$6,200.00	\$31,000
		8	FOR JUNCTION	\$8,000.00	\$64,000
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				\$1,304,400
SLAB BRIDGES	LBS	SEE BRIDGE COST SHEET	REBAR CONCRETE	\$1.10	
	CY			\$540.00	
MISCELLANEOUS COSTS	SEE MISCELLANEOUS COST SHEET				\$514,000
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				\$1,991,800
	LUMP SUM ITEMS (22%) <sup>6</sup>				\$438,196
	CONTINGENCIES (12%) <sup>7</sup>				\$239,016
	SUBTOTAL				\$2,669,012
	ENG & ADMIN. (25%); MSHCP MITIGATION FEE: (3%) ? <input checked="" type="checkbox"/> ON FOR YES				\$624,628
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	
NAME & DATE				TOTAL	\$3,293,640
08/21/19					

**PROJECT DESCRIPTION:** INDIO MDP-CIVIC CENTER SD SYSTEM

**STORM DRAIN COSTS FOR:** **DESERT AREA**

INSIDE DIA. (INCHES)	AC COVER? ENTER Y or N	LENGTH OF PIPE (FT)	PIPE (\$/FT)	IN PLACE (\$/FT) W/O AC	IN PLACE (\$/FT) W/AC	TOTAL
18	Y	1400 FT	\$137		\$177	\$247,800
24	Y	3100 FT	\$156		\$202	\$626,200
36	Y	1600 FT	\$209		\$269	\$430,400
		6100 FT				
<b>STORM DRAIN TOTAL</b>						<b>\$1,304,400</b>

**MISCELLANEOUS COSTS**

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
UTILITY RELOCATION	6100	LF	\$20	\$122,000
MARSHALL PARKWAY RE-GRADING/LANDSCAPE	1	LS	\$100,000	\$100,000
MARSHALL PARKWAY INFILTRATION TRENCH	1200	LF	\$210	\$252,000
MAXWELL PLUS - 40' DEPTH	1	EA	\$40,000	\$40,000
<b>MISCELLANEOUS TOTAL</b>				<b>\$514,000</b>