

RCFC & WCD

2018

August 21, 2019

Calendar On

2018 - 0089 -

DATE

PROJECT NUMBER

INDIO MDP- MONROE ST NORTH SD

PROJECT NAME

CONSTRUCTION COST	\$	<u>911,040</u>
PLUS 22% LUMP SUM ITEMS	+	<u>200,429</u>
PLUS 12% CONTINGENCY	+	<u>109,325</u>
SUBTOTAL	=	<u>1,220,794</u>
ENV. MITIGATION COSTS	+	<u>0</u>
PLUS 25% ENG & ADMIN	+	<u>255,091</u>
PLUS 3% MSHCP MITIGATION FEE	+	<u>30,611</u>
RIGHT-OF-WAY	+	<u>0</u>
TOTAL \$		<u>1,506,000</u>

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:

MONROE ST NORTH MDP DRAINAGE FACILITY INCLUDING STORM DRAIN PIPE AND CATCH BASINS FROM AVE 41 TO AVE 42, FOR STREET FLOW ONLY.

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

PROJECT DESCRIPTION: **INDIO MDP- MONROE ST NORTH SD**

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 ¹	\$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	4	FOR MAINLINE	\$6,200.00	\$24,800
		4	FOR JUNCTION	\$8,000.00	\$32,000
MANHOLES (RCB)	EA			\$2,100.00	
HOT MIX ASPHALT (HMA) TYPE A ³	SF			\$3.00	
CLASS 2 BASE (3" THICK)	SF			\$0.40	
ROCK SLOPE PROTECTION ⁴ CONC.-ROCK SLOPE PROTECTION	CY ²			\$80.00	
				\$130.00	
STORM DRAINS	SEE STORM DRAIN COST SHEET				\$705,120
SLAB BRIDGES	LBS	SEE BRIDGE COST SHEET	REBAR CONCRETE	\$1.10	
	CY			\$540.00	
MISCELLANEOUS COSTS	SEE MISCELLANEOUS COST SHEET				\$86,400
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				\$911,040
	LUMP SUM ITEMS (22%) ⁶				\$200,429
	CONTINGENCIES (12%) ⁷				\$109,325
	SUBTOTAL				\$1,220,794
	ENG & ADMIN. (25%); MSHCP MITIGATION FEE: (3%) ? <input checked="" type="checkbox"/> ON FOR YES				\$285,702
AS-BUILT COSTS ⁸				\$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	\$1,506,496
08/21/19					

PROJECT DESCRIPTION:

INDIO MDP- MONROE ST NORTH SD

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	240 FT	\$137		\$177	\$42,480
30	Y	1320 FT	\$181		\$233	\$307,560
36	Y	1320 FT	\$209		\$269	\$355,080
		2880 FT				
STORM DRAIN TOTAL						\$705,120

MISCELLANEOUS COSTS

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
UTILITY RELOCATION	2880	LF	\$30	\$86,400
MISCELLANEOUS TOTAL				\$86,400