

City of San Luis
Merrill Avenue - Los Oros Street to County 22nd Street Improvements
Revised Conceptual Cost Estimate

For Phase 1, 2 and Left Turn Lane work: Repaving Merrill Avenue 48' wide road (1 center turn lane, 20' lane in each direction with 6' bike lane) with miscellaneous curb, sidewalk, sidewalk ramps, and cross gutter replacement on Merrill Avenue west side, and new VC&G on east side, no sidewalk. Michael Lateral pipeline R&R. Sewermain repairs (sags and grade problems). Retention Basins stormdrain pipe to the YCWUA Merrill Lateral and new detention/retention basins on the east side. County 22nd Street - Left Turn Lane, Barkley Lateral pipeline Extension.

Bid No.	Description	Estimated Quantities	Unit	Unit Cost	Total Cost
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ROADWAY

1	Remove Existing Asphalt (Any thickness)	6790	SY	\$ 2.00	\$ 13,580.00
2	Remove Existing Concrete Curb (Any Type)	300	LF	\$ 4.00	\$ 1,200.00
3	Remove Sidewalk, Driveway, and Slab (Flat Work)	550	SY	\$ 8.00	\$ 4,400.00
4	Asphalt Pavement Section No. 1 (3" AC / 8" ABC)	13318	SY	\$ 28.00	\$ 372,904.00
5	Grading for Pavement	13318	SY	\$ 3.00	\$ 39,954.00
6	Vertical Curb and Gutter	3350	LF	\$ 10.00	\$ 33,500.00
7	Concrete Sidewalk, Driveway, and Parkway / 4" ABC (City of Yuma Std 3-270)	500	SF	\$ 7.00	\$ 3,500.00
8	Roadway Over Excavation (Top 12" of Subgrade) / Geogrid	600	CY	\$ 60.00	\$ 36,000.00
9	Sidewalk Ramp (City of Yuma Std 3-280, Modified to Rolled Curb)	2000	SF	\$ 10.00	\$ 20,000.00
10	Cross Gutter (City of Yuma Std 3-170)	2440	SF	\$ 10.00	\$ 24,400.00
11	Adjust Ex Manhole with new Frame & Cover (City of Yuma Std 5-029 and 5-040)	5	EA	\$ 1,000.00	\$ 5,000.00
12	Adjust Existing Water Valve with new Frame and Cover (City of Yuma Std 5-210)	20	EA	\$ 375.00	\$ 7,500.00
13	Survey Monument (City of Yuma Std 4-080)	4	EA	\$ 500.00	\$ 2,000.00
14	New Michael Lateral 36" Dia. RGRCP Irrigation Pipe. Connect to Existing pipeline (By YCWUA)	1290	LF	\$ 300.00	\$ 387,000.00
15	Remove & Relocate Private Farm Dirt Canal	600	LF	\$ 150.00	\$ 90,000.00
16	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
17	Storm Water Pollution Prevention Plan	1	LS	\$ 7,000.00	\$ 7,000.00
18	Maintenance and Protection of Traffic	1	LS	\$ 12,000.00	\$ 12,000.00
19	Construction Staking	1	LS	\$ 15,000.00	\$ 15,000.00

Subtotal = \$ 1,084,938.00

TOTAL (ROADWAY) \$1,084,938.00

20% Contingency \$216,987.60

TOTAL ESTIMATED PROJECT COST \$1,301,925.60

SANITARY SEWER

20	Remove and Replace 8-inch Sewer Line	80	LF	\$ 100.00	\$ 8,000.00
21	Remove and Replace 15-inch Sewer Line	300	LF	\$ 120.00	\$ 36,000.00
22	Remove and Replace Sewer Manhole with new Polymer Manhole (City of Yuma Std 6-020)	2	EA	\$ 15,000.00	\$ 30,000.00

Subtotal = \$ 74,000.00

TOTAL (ROADWAY + SEWER) \$1,158,938.00

20% Contingency \$231,787.60

TOTAL ESTIMATED PROJECT COST \$1,390,725.60

STORM DRAIN

23	12" Dia. SDR-35 Stormdrain	2150	LF	\$ 70.00	\$ 150,500.00
24	Retention Basin Inlet Headwall (Assumed connecting to 2 ex. RBs and 2 new RBs)	4	EA	\$ 12,000.00	\$ 48,000.00
25	12" Gate Valve - Stormdrain	1	EA	\$ 4,500.00	\$ 4,500.00
26	Connect to existing YCWUA Merrill Lateral, including 18" Gate Valve - Stormdrain	1	LS	\$ 12,000.00	\$ 12,000.00
27	Retention Basin Excavation and Grading (Assumed 2 Retention Basins)	1	LS	\$ 40,000.00	\$ 40,000.00

Subtotal = \$ 255,000.00
TOTAL (ROADWAY + SEWER+ STORMDRAIN) \$1,413,938.00
 20% Contingency \$282,787.60
TOTAL ESTIMATED PROJECT COST \$1,696,725.60

County 22nd Street LEFT TURN LANE

28	Remove Existing Asphalt (Any thickness)	1820	SY	\$ 2.00	\$ 3,640.00
29	Asphalt Pavement Section No. 1 (3" AC / 8" ABC)	2077	SY	\$ 28.00	\$ 58,156.00
30	Grading for Pavement	2077	SY	\$ 3.00	\$ 6,231.00
31	Remove and Construct new Barkley Lateral Outlet Bowl/Headwall (By YCWUA)	1	LS	\$ 14,500.00	\$ 14,500.00
32	36" Dia. RGRCP Irrigation Pipe, Connect to Existing pipeline (By YCWUA)	320	LF	\$ 300.00	\$ 96,000.00
33	Obliterate Ex.Pavement Marking, New Pavement Marking and Signing	1	LS	\$ 3,500.00	\$ 3,500.00
34	Survey Monument (City of Yuma Std 4-080)	1	EA	\$ 500.00	\$ 500.00

Subtotal = \$ 182,527.00
TOTAL (ROADWAY + SEWER+ STORMDRAIN + LEFT TURN LANE) \$1,596,465.00
 20% Contingency \$319,293.00
 8% Construction Administration \$127,717.20
TOTAL ESTIMATED PROJECT COST \$2,043,475.20