

**PRELIMINARY COST ESTIMATE
FOR CONSTRUCTION OF
HAMMAN ROAD DRAINAGE IMPROVEMENTS PHASE 1B REVISED
FOR
CITY OF BAY CITY
Dec-21**

Item No.	Description	Unit	Quantity	Unit Price	Total ⁽¹⁾
1.	Move-in and Set-up, including Bonds and Insurance	L.S.	1	\$ 40,000	\$ 40,000
Paving Items					
2.	Removal and replacement of ADA Compliant Ramp	Ea.	2	\$ 3,000	\$ 6,000
3.	Removal and Replacement of Asphalt Pavement	S.Y.	745	\$ 260	\$ 193,700
4.	Removal and Replacement of Concrete Sidewalk	S.Y.	305	\$ 75	\$ 22,900
Subtotal Paving Items					\$ 222,600
Storm Sewer Items					
5.	Removal of Existing 18-inch Storm Sewer	L.F.	410	\$ 20	\$ 9,000
6.	Removal of Existing 36-inch Storm Sewer	L.F.	580	\$ 20	\$ 12,000
7.	Removal of Existing Inlet	Ea.	3	\$ 1,500	\$ 5,000
8.	Removal of Existing Manhole	Ea.	1	\$ 1,500	\$ 2,000
9.	Regrade ditch	L.F.	400	\$ 50	\$ 20,000
10.	Installation of 48" RCP Storm Sewer via Open Cut	L.F.	580	\$ 250	\$ 145,000
11.	Installation of 36" RCP Storm Sewer via Open Cut	L.F.	410	\$ 200	\$ 82,000
12.	Installation of 24" RCP Storm Sewer via Open Cut	L.F.	630	\$ 160	\$ 100,800
13.	Trench Safety System	L.F.	1,620	\$ 2	\$ 3,300
14.	Installation of an H-2 Inlet	Ea.	5	\$ 6,000	\$ 30,000
15.	Installation of E Inlet	Ea.	2	\$ 6,000	\$ 12,000
16.	Installation of Storm Outfall Structure	Ea.	1	\$ 6,000	\$ 6,000
17.	Installation of Storm Manhole	Ea.	3	\$ 7,000	\$ 21,000
Subtotal Storm Sewer Items					\$ 448,100
Misc.					
18.	Site Preparation	L.S.	1	\$ 10,000	\$ 10,000
19.	Site Restoration (Grading, Replacement of Fences, etc.)	L.S.	1	\$ 10,000	\$ 10,000
20.	Traffic Control	L.S.	1	\$ 10,000	\$ 10,000
21.	Storm Water Pollution Prevention Plan	L.S.	1	\$ 4,000	\$ 4,000
Subtotal Misc Items					\$ 34,000
Subtotal All Items					\$ 744,700
Contingencies (15%)					\$ 112,000
Surveying					\$ 12,000
Engineering (11%)					\$ 95,000
TOTAL					\$ 963,700 ⁽²⁾

NOTES :

<p>This Document is Released for the Purpose of: General Financial Planning It is Preliminary in Nature and not to be Used for Feasibility</p>
