

**PRELIMINARY COST ESTIMATE
FOR CONSTRUCTION OF
HAMMAN ROAD DRAINAGE IMPROVEMENTS
FOR
CITY OF BAY CITY
OCTOBER 27, 2020**

Item No.	Description	Unit	Quantity	Unit Price	Total ⁽¹⁾
1.	Move-in and Set-up, including Bonds and Insurance	L.S.	1	\$ 5,000.00	\$ 5,000.00
Paving Items					
2.	Removal of Existing ADA Compliant Ramp	Ea.	1	\$ 1,500.00	\$ 1,500.00
3.	Installation of ADA Compliant Ramp	Ea.	1	\$ 3,000.00	\$ 3,000.00
				Subtotal Paving Items	\$ 4,500.00
Storm Sewer Items					
4.	Removal of Existing Dual 18-inch Storm Sewer	L.F.	20	\$ 20.00	\$ 400.00
5.	Installation of 24-inch Storm Sewer via Open Cut	L.F.	20	\$ 80.00	\$ 1,600.00
6.	Removal of Existing Inlet Structure	Ea.	2	\$ 2,500.00	\$ 5,000.00
7.	Installation of an H-2 Inlet	Ea.	2	\$ 7,500.00	\$ 15,000.00
				Subtotal Storm Sewer Items	\$ 22,000.00
Misc.					
8.	Site Preparation	L.S.	1	\$ 2,000.00	\$ 2,000.00
9.	Site Restoration (Grading, Replacement of Fences, etc.)	L.S.	1	\$ 1,000.00	\$ 1,000.00
10.	Storm Water Pollution Prevention Plan	L.S.	1	\$ 1,000.00	\$ 1,000.00
				Subtotal Misc Items	\$ 4,000.00
				Subtotal All Items	\$ 35,500.00
				Contingencies (15%)	\$ 6,000.00
				Engineering	\$ 12,000.00
				TOTAL	\$ 53,500.00

NOTES :

⁽¹⁾ All Totals have been rounded up to the nearest \$1,000.

⁽²⁾ This cost estimate was created for construction budgeting estimation during the bidding process. This estimate was not prepared under the supervision of an engineer, and is not acceptable to be released to any clients or third-parties.

<p>This Document is Released for the Purpose of: General Financial Planning It is Preliminary in Nature and not to be Used for Feasibility of Land Purchases, Loans or Grants</p>
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**PRELIMINARY COST ESTIMATE
FOR CONSTRUCTION OF
HAMMAN ROAD DRAINAGE IMPROVEMENTS
FOR
CITY OF BAY CITY
SEPTEMBER 2, 2020**

Item No.	Description	Unit	Quantity	Unit Price	Total ⁽¹⁾
1.	Move-in and Set-up, including Bonds and Insurance	L.S.	1	\$21,000.00	\$ 21,000.00
Paving Items					
2.	Removal of Existing ADA Compliant Ramp	Ea.	1	\$ 500.00	\$ 1,000.00
3.	Installation of ADA Compliant Ramp	Ea.	1	\$ 2,500.00	\$ 3,000.00
4.	Removal and Replacement of Asphalt Pavement	S.Y.	50	\$ 150.00	\$ 8,000.00
5.	Removal and Replacement of Gravel Driveway	S.Y.	20	\$ 50.00	\$ 1,000.00
				Subtotal Paving Items	\$ 13,000.00
Storm Sewer Items					
6.	Removal of Existing 36-inch Storm Sewer	L.F.	570	\$ 20.00	\$ 12,000.00
7.	Installation of 48-inch Storm Sewer via Open Cut	L.F.	570	\$ 130.00	\$ 75,000.00
8.	Removal of Existing Dual 18-inch Storm Sewer	L.F.	20	\$ 20.00	\$ 1,000.00
9.	Installation of 24-inch Storm Sewer via Open Cut	L.F.	20	\$ 80.00	\$ 2,000.00
10.	Trench Safety System	L.F.	590	\$ 2.00	\$ 2,000.00
11.	Removal of Existing Inlet Structure	Ea.	1	\$ 2,000.00	\$ 2,000.00
12.	Installation of an H-2 Inlet	Ea.	1	\$ 6,000.00	\$ 6,000.00
13.	Installation of Storm Outfall Structure	Ea.	1	\$ 6,000.00	\$ 6,000.00
				Subtotal Storm Sewer Items	\$ 106,000.00
Misc.					
14.	Site Preparation	L.S.	1	\$ 5,000.00	\$ 5,000.00
15.	Site Restoration (Grading, Replacement of Fences, etc.)	L.S.	1	\$ 2,000.00	\$ 2,000.00
16.	Storm Water Pollution Prevention Plan	L.S.	1	\$ 2,000.00	\$ 2,000.00
				Subtotal Misc Items	\$ 9,000.00
				Subtotal All Items	\$136,000.00
				Contingencies (15%)	\$ 21,000.00
				Engineering (15%)	\$ 21,000.00
				TOTAL	\$178,000.00 ⁽²⁾

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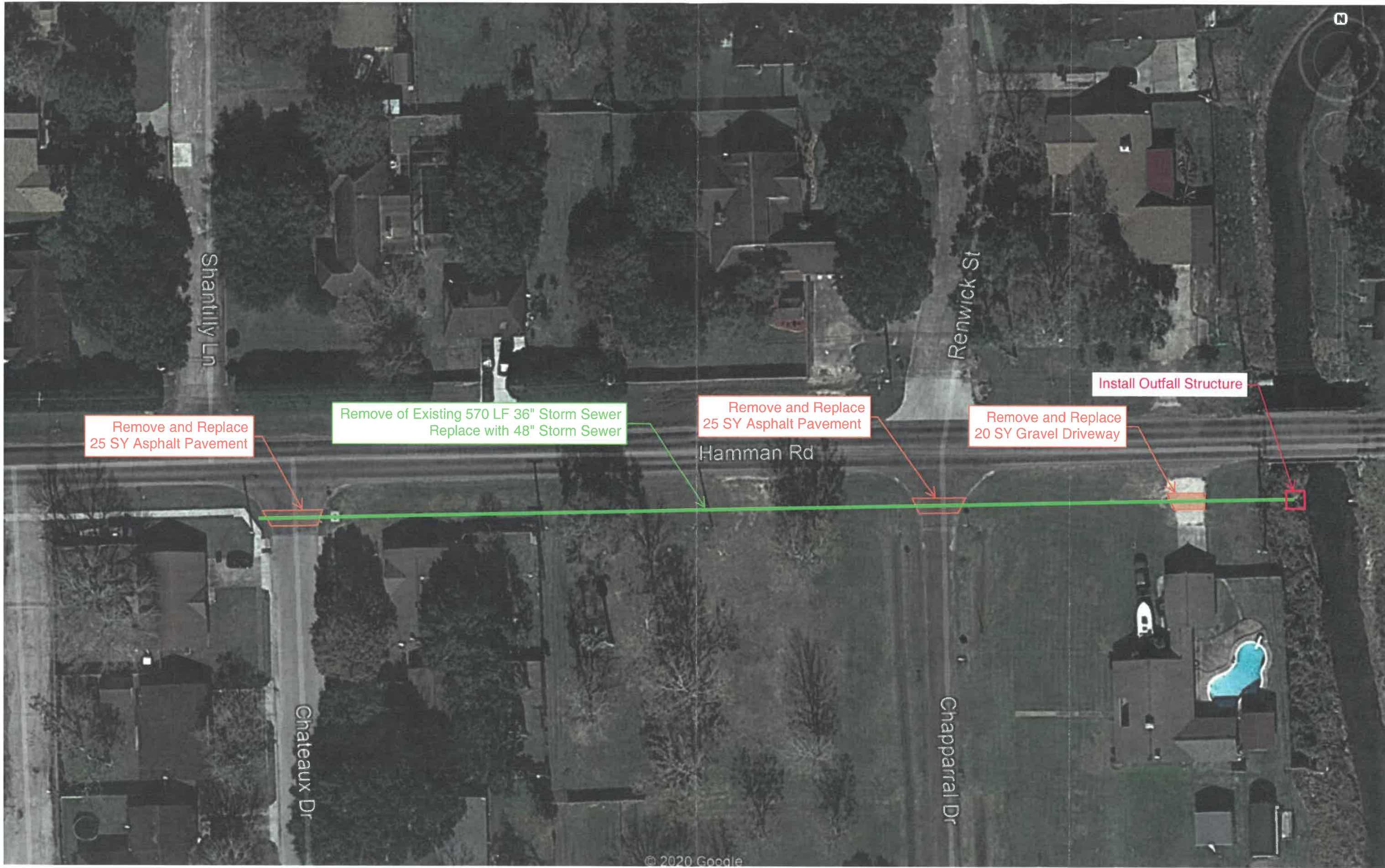


Replace ADA Ramp

Remove 18 LF Ex. Dual 18"
Replace with 24" Storm Sewer

Remove ADA Ramp

Remove and Replace
Ex. Inlet with H-2



Remove and Replace
25 SY Asphalt Pavement

Remove of Existing 570 LF 36" Storm Sewer
Replace with 48" Storm Sewer

Remove and Replace
25 SY Asphalt Pavement

Remove and Replace
20 SY Gravel Driveway

Install Outfall Structure

Hamman Rd

Shantilly Ln

Chateaux Dr

Renwick St

Chapparal Dr