

Avila-Harwell Safe Community Project Cost Estimate

Item	Cost	Description	Responsible Party	Comments
Co Share Items				
Sidewalk Design & Topol	\$0.00	Estimated engineering cost for schematic design and topol survey to be completed by County forces used valued at \$13,000. <i>Cost savings to the project.</i>	County Pct. 4 <i>(IN-KIND COST)</i>	HCDD1 assisted with sidewalk design & topol
Survey	\$2,500.00	Survey of meets and bound of proposed sidewalk project area	ECISD	
Material Probable cost estimate	\$54,551.63	Provided by HCDD1. Includes 15% contingency and material testing	County Pct. 4/ ECISD	
Engineers Probable cost estimate	\$111,644.30	Provided by HCDD1. Includes 15% contingency and material testing	County Pct. 4/ ECISD	
School Zone Light Assessment	\$680.00	Current cost estimate for an assessment for a quote using Lumatec, Co approved vendor.	County Pct. 4/ ECISD	Pending assessment
School Zone Light Repair	\$10,000.00	Current school zone light is damaged on both South and North side of Carmen Avila Rd.	County Pct. 4/ ECISD	Pending quote after assessment completion
ADA Assessment Review	\$2,500.00	Estimated cost for Co vendor on contract if necessary to use	County Pct. 4/ ECISD	Pending w/ project
Cost Share Total	\$181,875.93			
County Expensed Costs Associated with Pre Project Assmnt				
Traffic Study	\$9,684.72	Study conducted by L&G Engineers in November 2019 to assess and review safety needs of the area.	County Pct. 4	Completed
4 Way Stop Blinking light assessment	\$680.00	Assessment cost by Lumatec (vondor)of blinking light as recommended by the traffic study. <i>Completed and quote given.</i>	County Pct. 4	completed
4 Way Stop Blinking Light	\$46,875.00	Blinking light quote (Lumatec)	County Pct. 4	pending 2021
Road pavement markings	\$4,587.90	Pavement Markings as recommended traffic study markings.	County Pct. 4	Completed
Total	\$61,827.62			

Material Probable Cost Estimate
HIDALGO COUNTY DRAINAGE DISTRICT No. 1
HIDALGO COUNTY PRECINCT No. 4
Carmen Avila Road Sidewalk



Estimator: Noe Saldivar, P.E., CFM Date: 05/08/2020

Item No.	Quantity	Unit	Item Description	Unit Price In Figures	Total Extension In Figures
Sidewalk Improvements					
1	20	LF	HP Storm (18") (Driveway)	\$11.46	\$229.20
2	2	EA	Remove and Relocate SET (18")	\$0.00	\$0.00
3	100	LF	Remove and Relocate Chainlink Fence	\$0.00	\$0.00
4	2331	CY	Bedding Material (Fill Existing Pound)	\$6.00	\$13,986.00
5	184	CY	5 Feet Concrete Sidewalk and Ramps (3600 psi)	\$130.00	\$23,920.00
6	96	LF	24" SLD White Refl Pav Mrk Stop Line	\$6.00	\$576.00
7	414	LF	12" SLD White Refl Pav Mrk Crosswalk Line	\$5.00	\$2,070.00
8	17	EA	Truncated Domes (For Ramps)	\$255.00	\$4,335.00
9	8	EA	Sidewalk Sign w/ Sign Mounting	\$290.00	\$2,320.00
10	1	LS	Erosion Control	\$0.00	\$0.00
11	1	LS	Traffic Control	\$0.00	\$0.00
Sub-Total:					\$47,436.20
Contingency & Material Testing (15%)					\$7,115.43
Grand Total:					\$54,551.63

2997x5x .33=183.15

2997x7x3=2331

ENGINEERS PROBABLE COST ESTIMATE
HIDALGO COUNTY DRAINAGE DISTRICT No. 1
HIDALGO COUNTY PRECINCT No. 4
Carmen Avila Road Sidewalk



Estimator: Noe Saldivar, P.E., CFM Date: 05/08/2020

Item No.	Quantity	Unit	Item Description	Unit Price In Figures	Total Extension In Figures
Sidewalk Improvements					
1	20	LF	HP Storm (18") (Driveway)	\$28.00	\$560.00
2	2	EA	Remove and Relocate SET (18")	\$850.00	\$1,700.00
3	100	LF	Remove and Relocate Chainlink Fence	\$20.00	\$2,000.00
4	2331	CY	Bedding Material (Fill Existing Pound)	\$6.00	\$13,986.00
5	184	CY	5 Feet Concrete Sidewalk and Ramps (3600 psi)	\$325.00	\$59,800.00
6	96	LF	24" SLD White Refl Pav Mrk Stop Line	\$6.00	\$576.00
7	414	LF	12" SLD White Refl Pav Mrk Crosswalk Line	\$5.00	\$2,070.00
8	17	EA	Truncated Domes (For Ramps)	\$510.00	\$8,670.00
9	8	EA	Sidewalk Sign w/ Sign Mounting	\$540.00	\$4,320.00
10	1	LS	Erosion Control	\$1,300.00	\$1,300.00
11	1	LS	Traffic Control	\$2,100.00	\$2,100.00
Sub-Total:					\$97,082.00
Contingency & Material Testing (15%)					\$14,562.30
Grand Total:					\$111,644.30