

COMMISSIONER JOSEPH PALACIOS

Hidalgo County Precinct No. 4

Project: ALBERTA DRAIN DRAINAGE IMPROVEMENTS PHASE I



Location: Phase I Project is Located between Owassa Road and Alberta Road starting at an existing ditch located approximately One Mile east of Tower Road and then running west to Approximately 1,320 feet west of Tower Road.

Date: 11/29/2011 Rev. 11/26/12 Rev. 12/12/12 Rev. 5/29/13 Rev. 6/18/13

Estimator: Raul E. Sesin, PE, CFM

Summary of Engineer's Opinion of Probable Construction Costs and Available Funding

Amount Available for Construction of Drainage Improvements:	\$ 1,177,833.00
Amount Available for ROW Acquisition:	\$ 358,750.00
Total Funds Available for Project:	\$ 1,536,583.00

A. Bid Out Drain Ditch Work & Main Storm Sewer Line Across Tower Road \$ 936,578.00

B. Tower Road Improvements - Material Cost Only \$ 60,563.80

C. Total Subdivision Improvements - Material Cost Only

<u>Subdivisions</u>	<u>Total Cost Using RCP CL III Pipe</u>	<u>Total Cost Using PVC/CM Pipe</u>	<u>POSSIBLE SAVINGS</u>
Owassa Acres	\$ 74,320.10	\$ 45,560.02	\$ 28,760.08
Brenda Estates No. 3	\$ 63,239.90	\$ 40,480.66	\$ 22,759.24
Rincon Del Valle No. 4	\$ 46,923.75	\$ 32,971.03	\$ 13,952.72
Rincon Del Valle No. 3	\$ 40,352.80	\$ 29,226.70	\$ 11,126.10
Tejano Estates	\$ 38,123.85	\$ 27,317.73	\$ 10,806.12
El Charro No. 2	\$ 258,462.10	\$ 177,553.87	\$ 80,908.23
	\$ 521,422.50	\$ 353,110.01	\$ 168,312.49

Total Improvement Cost - Bid Out Drain Ditch Work and Main Storm Sewer Line Across Tower Road and Purchase Material for all Subdivision Work and labor to be Conducted By Pct 4 Forces (A+B+C) \$ 1,518,564.30

Funding Shortage Based on Probable Construction Costs vs. Available Construction Funding (\$1,177,833.00 - \$1,518,564.30) \$ 340,731.30

Additional Possible Funding Sources:

Estimated Savings Using PVC/CM Pipe with Backfill and Bedding:	\$ 168,312.49
Possible Cost Savings with new ROW totals (\$358,750.00 - \$268,250.00)	\$ 90,500.00
Money allocated for Administration of Grant that will not be used:	\$ 100,000.00
Additional Funding Source that may be available for Construction:	\$ 358,812.49