

**Cost Estimate-Material**  
**Hidalgo County Precinct No. 1**  
**Crockett Ave. (From Tower Rd to Border Rd.)**  
**Road ReConstruction (5,409 LF)**  
**Estimator: Luis Diaz**  
**Date: 8/24/2020**



| Cost Estimate for a 36' Edge to Edge Roadway Improvements - Re-Construction to Caliche |          |      |  |   |                            |
|--|----------|------|--|---|----------------------------|
| Item   | Est. Qty | Unit | Item Description                       | Unit Price in Figures                           | Total Extension in Figures |
| <b>Pavement Section</b>  |          |      |  |   |                            |
| 1  | 2,851    | Tons | 2" HMAC (Type "D")                     | \$59.45   | \$169,491.95               |
| 2  | 9,045    | GAL  | Caliche                                | \$3.75  | \$33,918.75                |
| 3  | 186      | Tons | Lime "Time A" Slurry                   | \$180.66  | \$33,602.76                |
| 4  | 2500     | Tons | SS1 Oil                                | \$1.60  | \$4,000.00                 |
|  |          |      |  | <b>Total:</b>                                   | <b>\$241,013.46</b>        |
| <b>Drainage (Outfall &amp; Roadside Ditch)</b>   |          |      |  |   |                            |
| 5  | 30       | CY   | Concrete Rip Rap (3600 psi)            | \$107.00  | \$3,210.00                 |
| 6  | 7,240    | LF   | Regrade Existing Roadside Ditch        |   | \$0.00                     |
| 7  | 687      | Tons | Sand                                   | \$4.00  | \$2,748.00                 |
| 8  | 575      | LF   | HP Storm (18") (Driveway)              | \$11.46   | \$6,589.50                 |
| 9  | 162      | LF   | HP Storm (24") (Outfall)               | \$19.32   | \$3,129.84                 |
| 10   | 624      | LF   | RC Pipe (18") (Under Pavement)         | \$19.96   | \$12,455.04                |
| 11   | 256      | LF   | RC Pipe (24") (Under Pavement)         | \$28.25   | \$7,232.00                 |
| 12   | 10       | EA   | TY "C" Inlet (Grate)                   | \$979.00  | \$9,790.00                 |
| 13   | 162      | LF   | Trench Protection                      |   | \$0.00                     |
|  |          |      |  | <b>Total:</b>                                   | <b>\$45,154.38</b>         |
| <b>Pavement Marking</b>  |          |      |  |   |                            |
| 14   | 10,822   | LF   | 4" SLD White Refl Pav Mrk Ty I         | \$1.25  | \$13,527.50                |
| 15   | 100      | LF   | 6" SLD White Refl Pav Mrk Ty I         | \$1.75  | \$175.00                   |
| 16   | 216      | LF   | 12" SLD White Refl Pav Mrk Ty I        | \$3.75  | \$810.00                   |
| 17   | 72       | LF   | 24" SLD White Refl Pav Mrk Ty I        | \$8.00  | \$576.00                   |
| 18   | 2,706    | LF   | 4" BRK Yellow Refl Pav Mrk Ty I        | \$1.25  | \$3,382.50                 |
| 19   | 10,822   | LF   | 4" SLD Yellow Refl Pav Mrk Ty I        | \$1.25  | \$13,527.50                |
| 20   | 2        | EA   | Refl Pav Mrk Ty I White (Double Arrow) | \$200.00  | \$400.00                   |
| 21   | 4        | ea   | Refl Pav Mrk Ty I White (Arrow)        | \$120.00  | \$480.00                   |
| 22   | 2        | EA   | Stop Sign (36"x36")                    | \$190.00  | \$380.00                   |
|  |          |      |  | <b>Total:</b>                                   | <b>\$33,258.50</b>         |
| <b>Miscellaneous</b>   |          |      |  |   |                            |
| 23   | 1        | LS   | Erosion Control                        |   | \$0.00                     |
| 24   | 1        | LS   | Traffic Control                        |   | \$0.00                     |
|  |          |      |  | <b>total:</b>                                   | <b>\$0.00</b>              |
|  |          |      |  | <b>SubTotal:</b>                                | <b>\$319,426.34</b>        |
|  |          |      |  | <b>Contingency &amp; Material Testing (15%)</b> | <b>\$47,913.95</b>         |
|  |          |      |  | <b>Total:</b>                                   | <b>\$367,340.29</b>        |

Name: Robert L. Salinas      Signature: [Signature]      Date: 9-16-2020

Google Earth

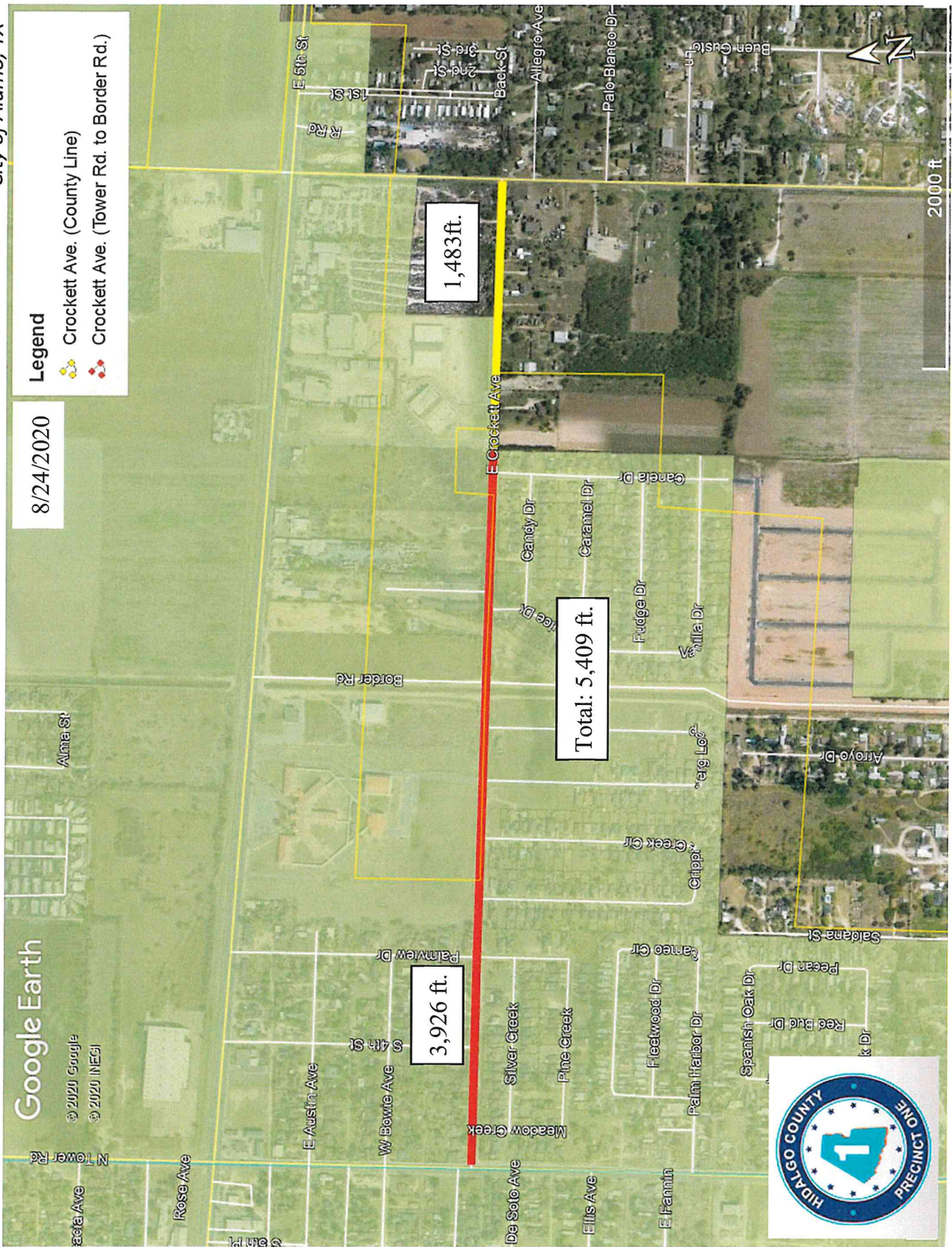
© 2020 Google  
© 2020 INEGI

8/24/2020

Legend

 Crockett Ave. (County Line)

 Crockett Ave. (Tower Rd. to Border Rd.)



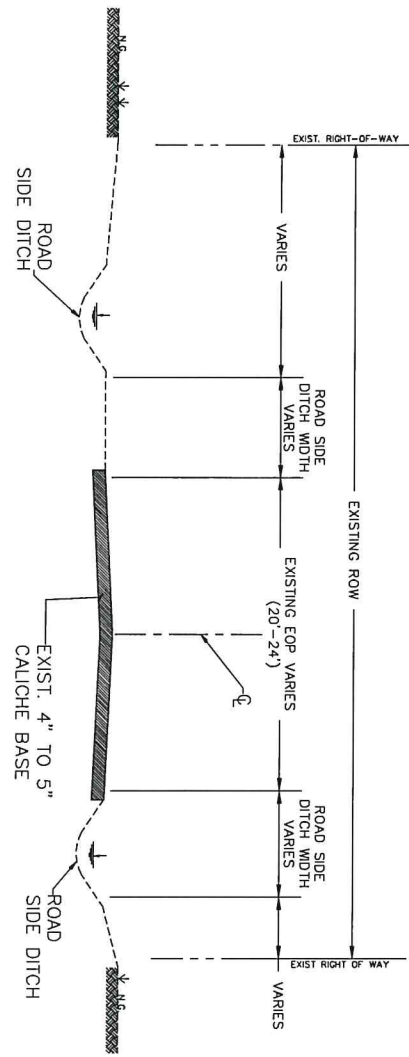
3,926 ft.

1,483 ft.

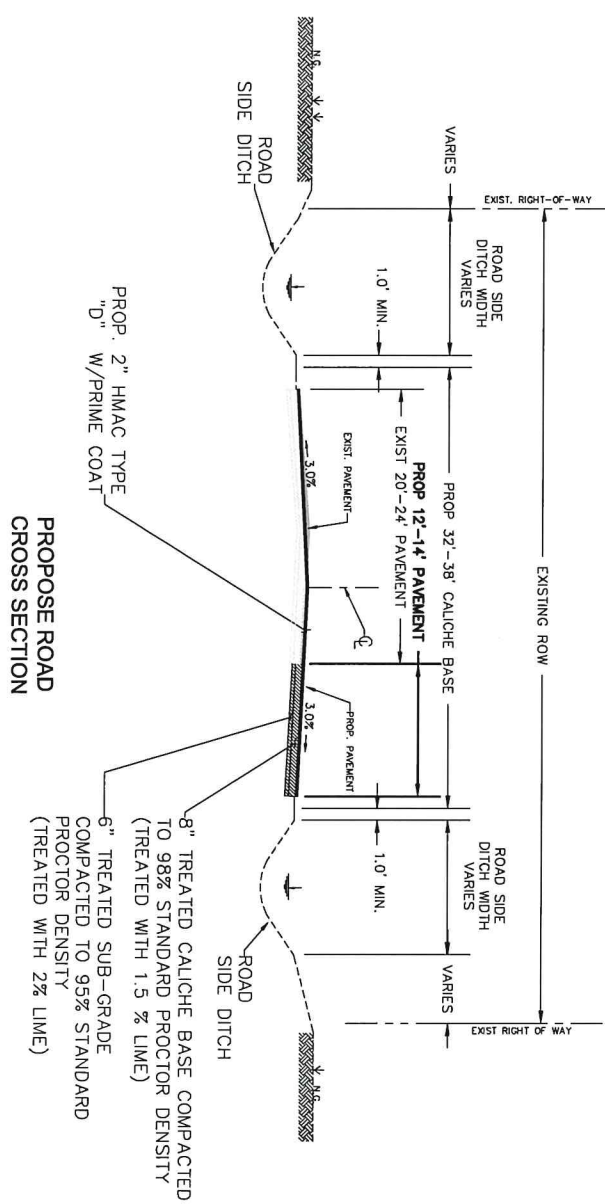
Total: 5,409 ft.

2000 ft





TYPICAL CROSS EXISTING ROAD CROSS SECTION



PROPOSE ROAD CROSS SECTION



Raul E. Sosa R.E., C.E.M.  
General Manager  
Floodplain Administrator

**HIDALGO COUNTY DRAINAGE DISTRICT No. 1**  
902 N. DOOLITTLE RD  
EDINBURG TX. 78542  
TEL: (956) 292-7080  
www.hcdd1.org

**CROCKETT ROAD IMPROVEMENTS**  
ROAD CROSS SECTIONS



This seal represents the Engineer's approval of the design shown on this drawing. It is not to be used on any other drawing or for any other purpose without the written consent of the Engineer.

DATE: 08-19-2008  
SCALE: N.T.S.  
DRAWN BY: N.T.S.  
CHECKED BY: R.S./D.C.  
DESIGNED BY: R.S./D.C.  
SHEET: S.S./E.I.

C03-01

Drawing: S:\PROJECTS\10-038 Crockett Rd Improvements\Design\CAD\Prop\P&P Sheets\Standard Details.dwg  
Created: Tue, 08/19/2008 10:44:30 AM  
Revised: 08/19/2008 10:44:30 AM