



Texas Municipal League Workshop

City of Harlingen - Public Works





Paving Crew

CITY INVESTED
2.9 MILLION
BETWEEN
EQUIPMENT AND STAFF

A TOTAL OF **TEN**
STAFF MEMBERS
WERE HIRED

POSITIONS
SUPERINTENDENT
MANAGER
EIGHT HEAVY EQUIPMENT
OPERATORS



Paving Equipment

- Paving Machine
- Wheel Loader
- Backhoe Loader
- Three F-150's
- Single Drum Roller
- Pneumatic Roller
- Asphalt Zipper
- (2) Dump Trucks
- Motor Grader
- Distribution Trailer





Crack Seal Program

- The crack seal crew sealed 300,000 linear feet of sealant in District 1, 3 and 4.

Drain Ditches

The City of Harlingen has a total of 9.20 miles of drain ditches.

- Drainage District #5 has a total of 15.26 miles of ditches.
- Drainage District #6 has a total of 1.64 miles of ditches.
- Irrigation District #1 has a total of 6.32 miles of ditches.
- Irrigation District # 3 has a total of 5.06 miles of ditches.
- TXDOT has a total of 4.71 of ditches.





Roadside Ditch Improvements

Crews completed drainage improvements on Altas Palmas Rd & Stuart Place Rd in District 5.

- 7,500 Linear feet of roadside ditch regraded.



TxDot Drain Ditch

The Drainage crew cleaned 1.2 miles of drain ditch in District 4 and 5.

Cost Breakdown for Clean Up:

- Rental of Long Reach Excavator - \$28,767.42
 - Brush Removal Fees - \$46,189.87
 - Labor Hours for brush removal - \$10,298.90
 - Labor Hours for Excavation - \$7,805.24
 - Total \$86,041.43
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Drain Ditch Maintenance

The drainage crews completed the annual drain ditch cleaning in District 1.

- 3.3 miles of drain ditches were cleaned in District 1.



Hale Ditch



We received a contractor quote for \$301,000 by doing this project in house, the City saved \$166,603.05

- 3,310 linear feet.
- This project took ten weeks to complete.
- This improvement benefited the Southeast area of Ed Carey.



T-Drain Ditch

We received a contractor quote for \$306,000 by doing this project in house, the City saved \$128,000.

- 2,400 linear feet.
- This project took eight weeks to complete.
- This improvement benefited the area of Fair Park and Lozano.



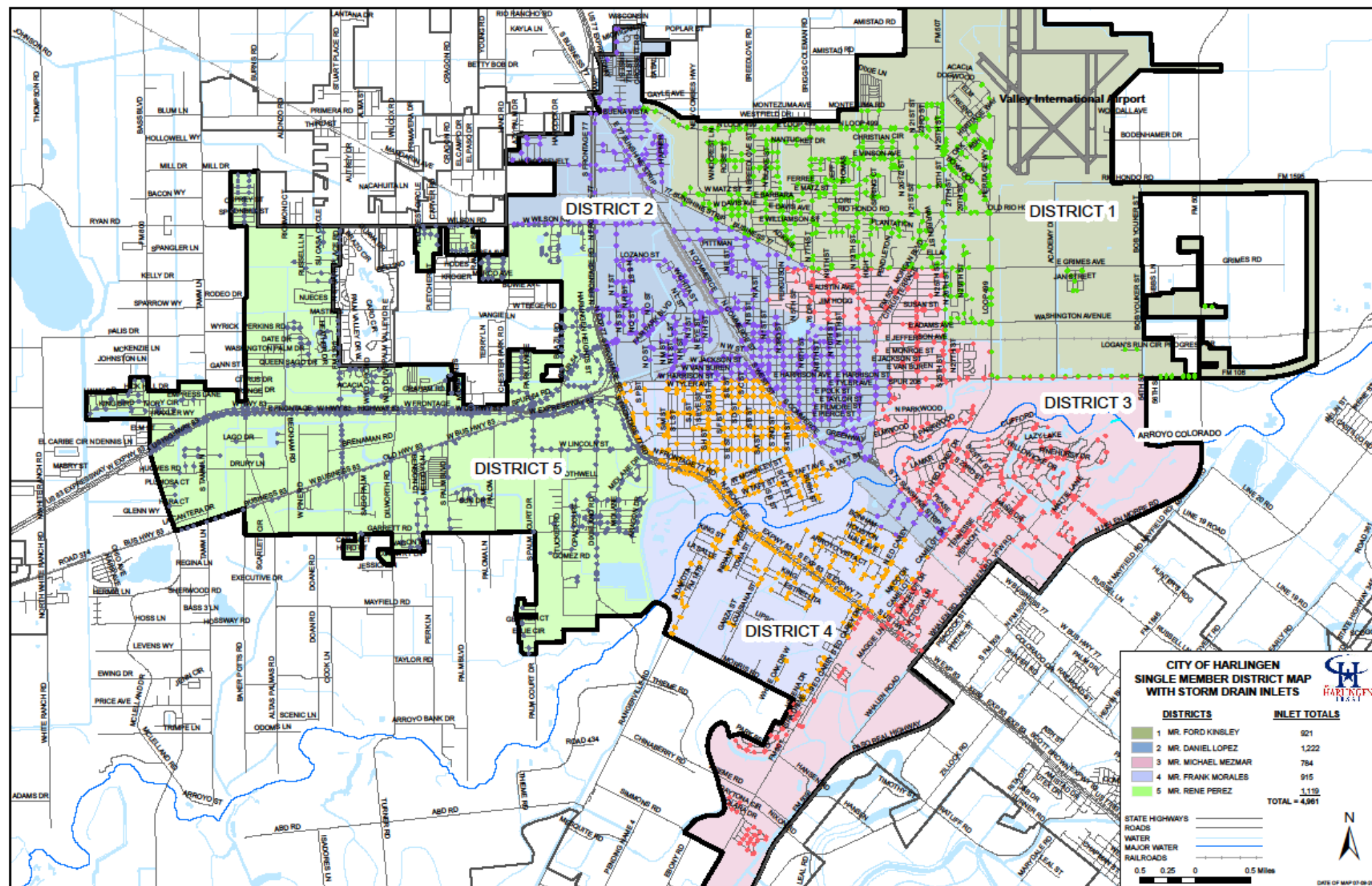
Lozano Detention Pond

- City received a quote for \$745,571.77 by doing this in-house we are saving \$387,180.00



Preventative Maintenance (Inlet Cleaning)

Total number
of inlets, city
wide - 4,961



Golf Course Ponds

- The operator cleaned 4 ponds at Tony Butler Golf Course in District 4.

