



Half Cent Sales Tax  
Annual Work Plan and  
Budget  
July 28, 2021

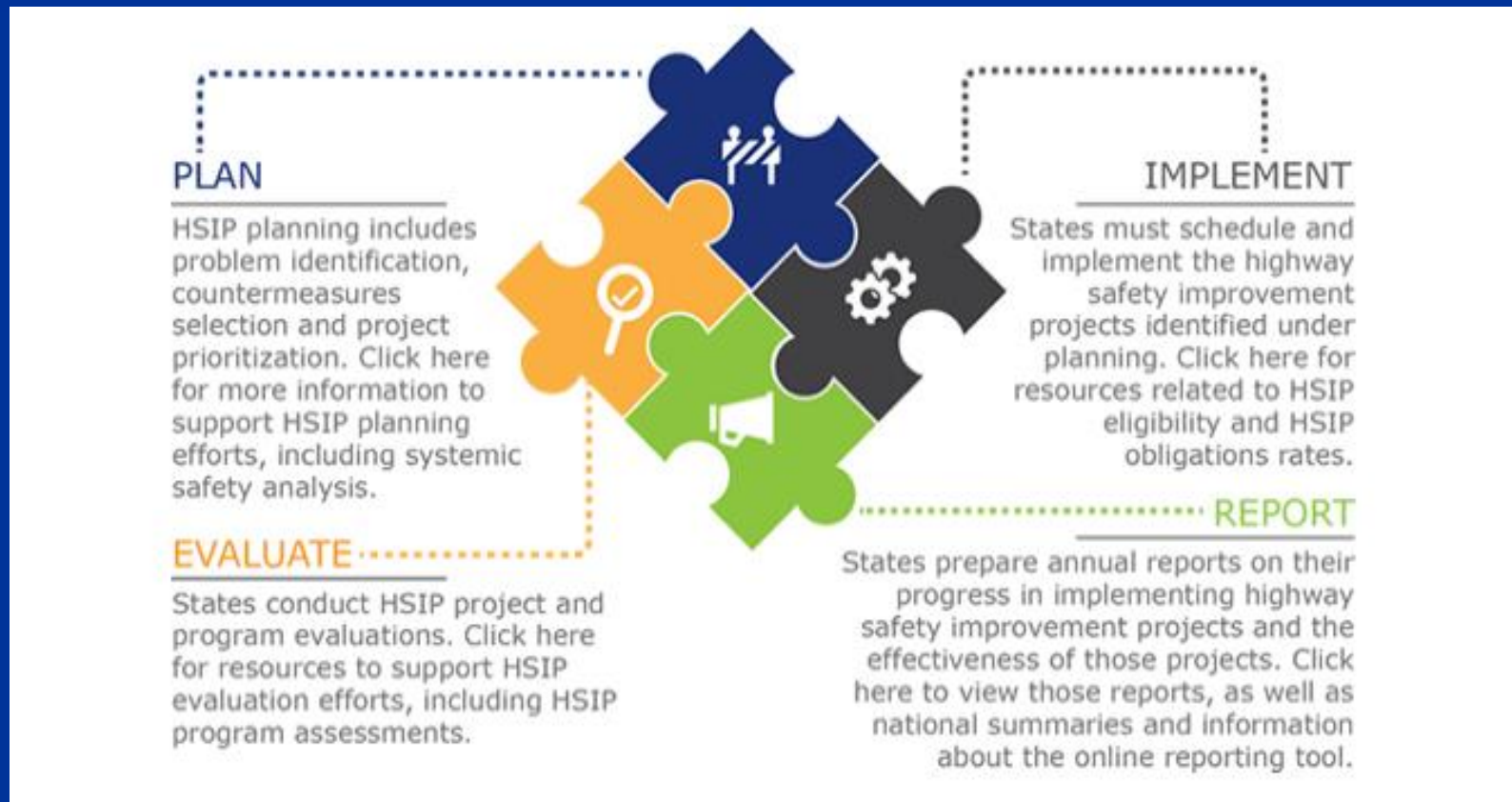


- Each year the Half Cent Sale Tax Board will develop a proposed annual work program and an annual budget which it will recommend to the City Council for approval.
- Each annual work program will include both the projects planned for the next fiscal year and those prior projects which are not finished. The 2021-2022 Annual Work Program and 2021-2022 Corporate Budget will be effective October 1, 2021.



# New Projects Added to Half Cent Work Plan

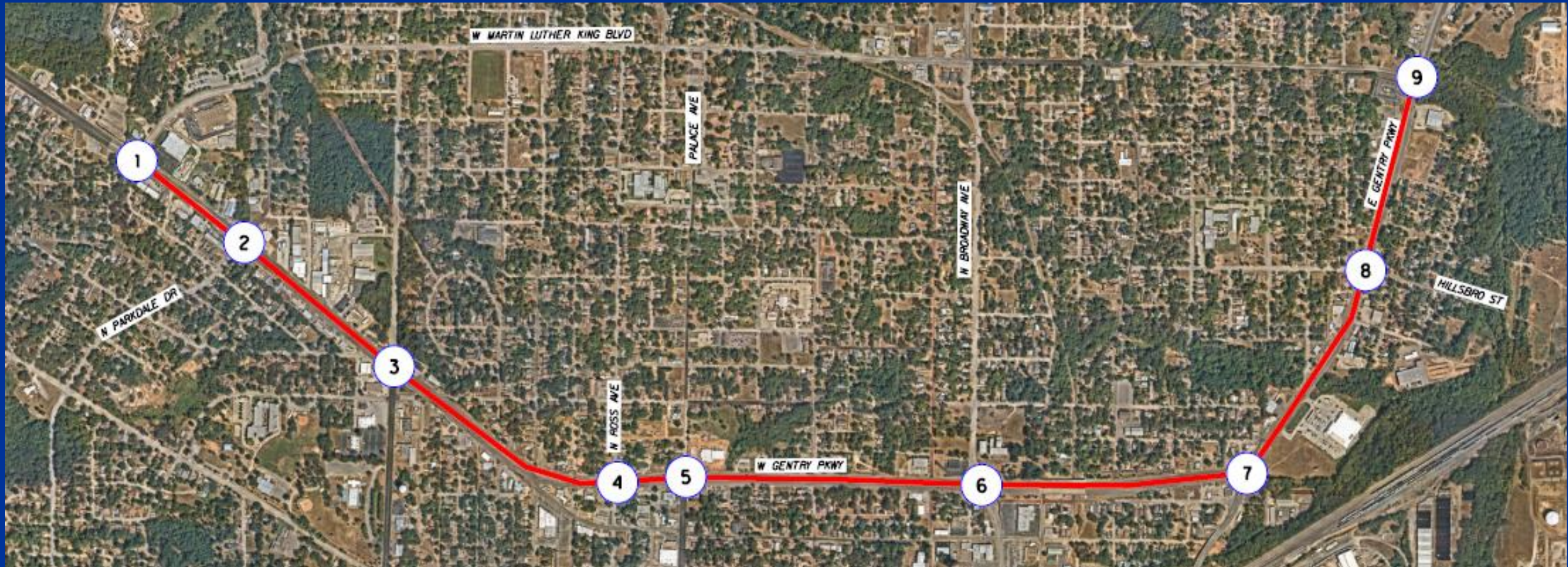
## HSIP (Highway Safety Improvement Program) Projects:







## ➤ Highway Safety Improvement Project – Gentry Parkway Corridor Improvements







## ➤ Highway Safety Improvement Project – Gentry Parkway Corridor Improvements

### Install Cellular Communications

- Gentry Parkway at Beckham Avenue

### Install Cellular Communications and Vehicle Detection

- Gentry Parkway at MLK Boulevard West
- Gentry Parkway at Parkdale Drive
- Gentry Parkway at Ross Avenue
- Gentry Parkway at Palace Avenue
- Gentry Parkway at Broadway Avenue

### Reconstruction Traffic Signal and Pedestrian Improvements

- Gentry Parkway at Glenwood Boulevard
- Gentry Parkway at Hillsboro Street
- Gentry Parkway at MLK Boulevard East

	City	TxDOT	Federal	Total
<b>Engineering (10%)</b>	\$ 121,322.50	\$ -	\$ -	\$ 121,322.50
<b>Contingency (5%)</b>	\$ 60,661.25	\$ -	\$ -	\$ 60,661.25
<b>Construction</b>	\$ -	\$ 121,322.50	\$ 1,091,902.50	\$ 1,213,225.00
<b>Total:</b>	<b>\$ 181,983.75</b>	\$ 121,322.50	\$ 1,091,902.50	\$ 1,395,208.75



## ➤ Highway Safety Improvement Project – US 69 (South Broadway) at Robert E Lee Drive Signal Reconstruction

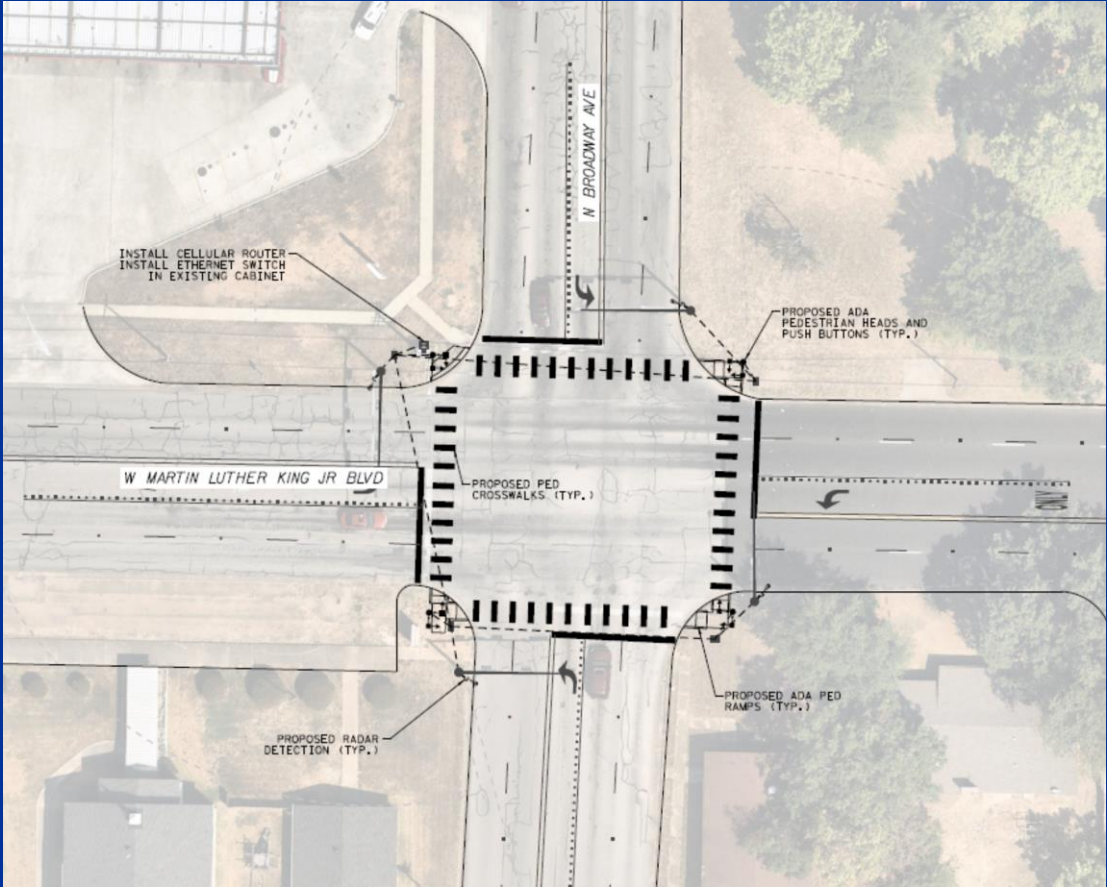


	City	TxDOT	Federal	Total
Engineering (10%)	\$ 39,699.20	\$ -	\$	\$ 39,699.20
Contingency (5%)	\$ 19,849.60	\$ -	\$	\$ 19,849.60
Construction	\$ -	\$ 39,699.20	\$ 357,292.80	\$ 396,992.00
Total:	\$ 59,548.80	\$39,699.20	\$ 357,292.80	\$ 456,540.80





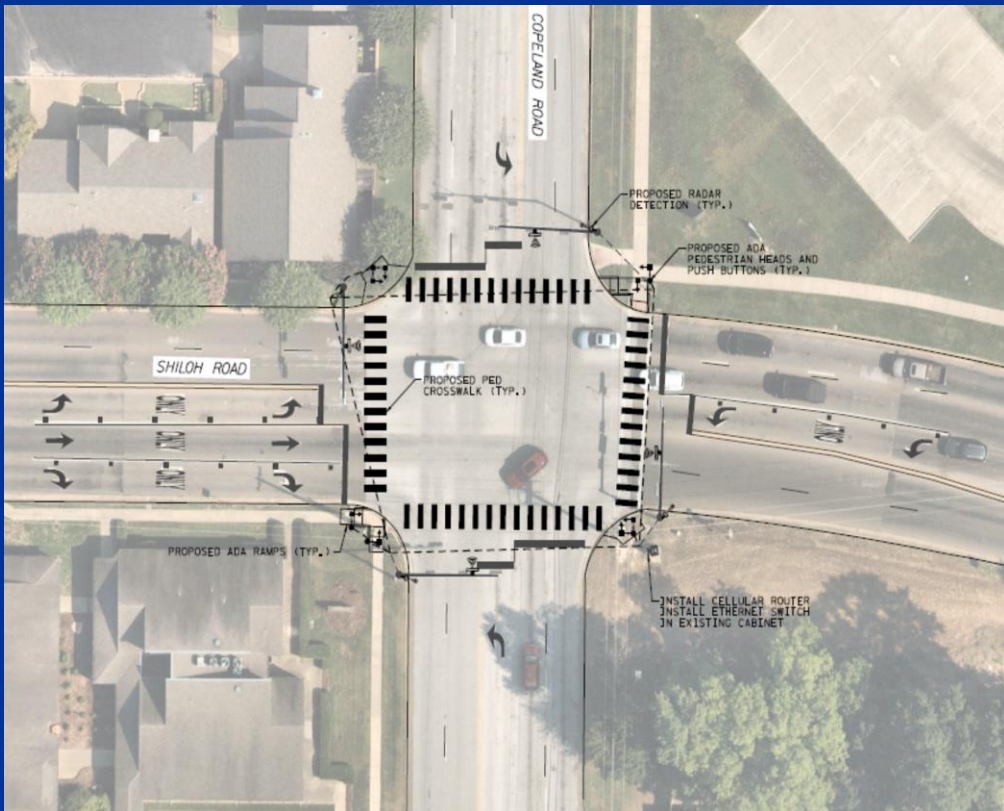
➤ Highway Safety Improvement Project – MLK Boulevard at N Broadway Signal and Pedestrian Improvements



	City	TxDOT	Federal	Total
Engineering (10%)	\$ 16,499.20	\$ -	\$ -	\$ 16,499.20
Contingency (5%)	\$ 8,249.60	\$ -	\$ -	\$ 8,249.60
Construction	\$ 16,499.20	\$ -	\$ 148,492.80	\$ 164,992.00
Total:	\$ 41,248.00	\$ -	\$ 148,492.80	\$ 189,740.80



## ➤ Highway Safety Improvement Project – New Copeland Road Corridor Signal and Pedestrian Improvements



	City	TxDOT	Federal	Total
Engineering (10%)	\$ 45,833.10	\$ -	\$ -	\$ 45,833.10
Contingency (5%)	\$ 22,916.55	\$ -	\$ -	\$ 22,916.55
Construction	\$ 45,833.10	\$ -	\$ 412,497.90	\$ 458,331.00
Total:	\$ 114,582.75	\$ -	\$ 412,497.90	\$ 527,080.65





## ➤ Highway Safety Improvement Project – N. Broadway at 26th Street Pedestrian Crosswalk Improvements



	City	TxDOT	Federal	Total
Engineering (10%)	\$ 2,441.00	\$ -	\$ -	\$ 2,441.00
Contingency (5%)	\$ 1,220.50	\$ -	\$ -	\$ 1,220.50
Construction	\$ 2,441.00	\$ -	\$ 21,969.00	\$ 24,410.00
Total:	\$ 6,102.50	\$ -	\$ 21,969.00	\$ 28,071.50





# New Projects Added to Half Cent Work Plan:

- Signal at W Grande and Old Noonday Rd.
  - Installation of a signal at the intersection of W. Grande and Old Noonday Rd. Recommended by the Traffic Engineer and Citizens due to the intersection being on an incline and curve.
  - Estimated cost - \$500,000







# New Projects Added to Half Cent Work Plan:

## ➤ Traffic System Improvements:

- Various improvements recommended by Citywide Traffic Study





## Traffic System Modernization Implementation Plan: Years 1 – 2

**Estimated Cost: \$1,364,761**

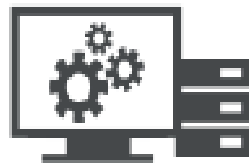
- School Zone Flasher System
- Upgrade Communication System
- Upgrade Central Traffic Management System Software
- Start upgrading traffic signal equipment at priority intersections
  - Cabinets, Controllers, Battery Backups, Vehicle Detection Systems, Emergency Preemption Systems
- Implement optimized signal timing for priority intersections (15 per year)



School Zone  
Beacons



Comm  
Upgrade



ATMS



Traffic Signal  
Equipment  
Upgrades



Traffic Signal  
Synchronization





## Traffic System Modernization Implementation Plan: Years 3 – 6

**Estimated Cost: \$6,340,622**

- Upgrade signal equipment
  - Cabinets, Controllers, Battery Backups, Vehicle Detection Systems, Emergency Preemption Systems
- Implement Signal Performance Measures
- Install CCTVs
- Remodel Traffic Management Center
- Recurring cellular modem costs
- Implement optimized signal timing for priority intersections (15 per year)



Traffic Signal  
Equipment  
Upgrades



Signal Performance  
Measures



CCTV



Traffic  
Management  
Center



Traffic Signal  
Synchronization



## Traffic System Modernization Implementation Plan: Years 7 – 10

**Estimated Cost: \$ 7,144,785**

- Upgrade signal equipment
  - Cabinets, Battery Backups, Vehicle Detection Systems, Emergency Preemption Systems
- Install Dynamic Message Signs
- Recurring cellular modem costs
- Implement optimized signal timing for priority intersections (30 per year)



Traffic Signal  
Equipment  
Upgrades

TRAVEL TIME  
TO BROADWAY  
5 MINS

Dynamic Message  
Signs



Traffic Signal  
Synchronization





# New Projects Added to Half Cent Work Plan:

## ➤ Rose Convention Center Development

- The City requests \$3.25 million to begin the development of the new Rose Convention center, which will take the place of the Harvey Convention Center.
- Estimated Cost Year One - \$3,250,000



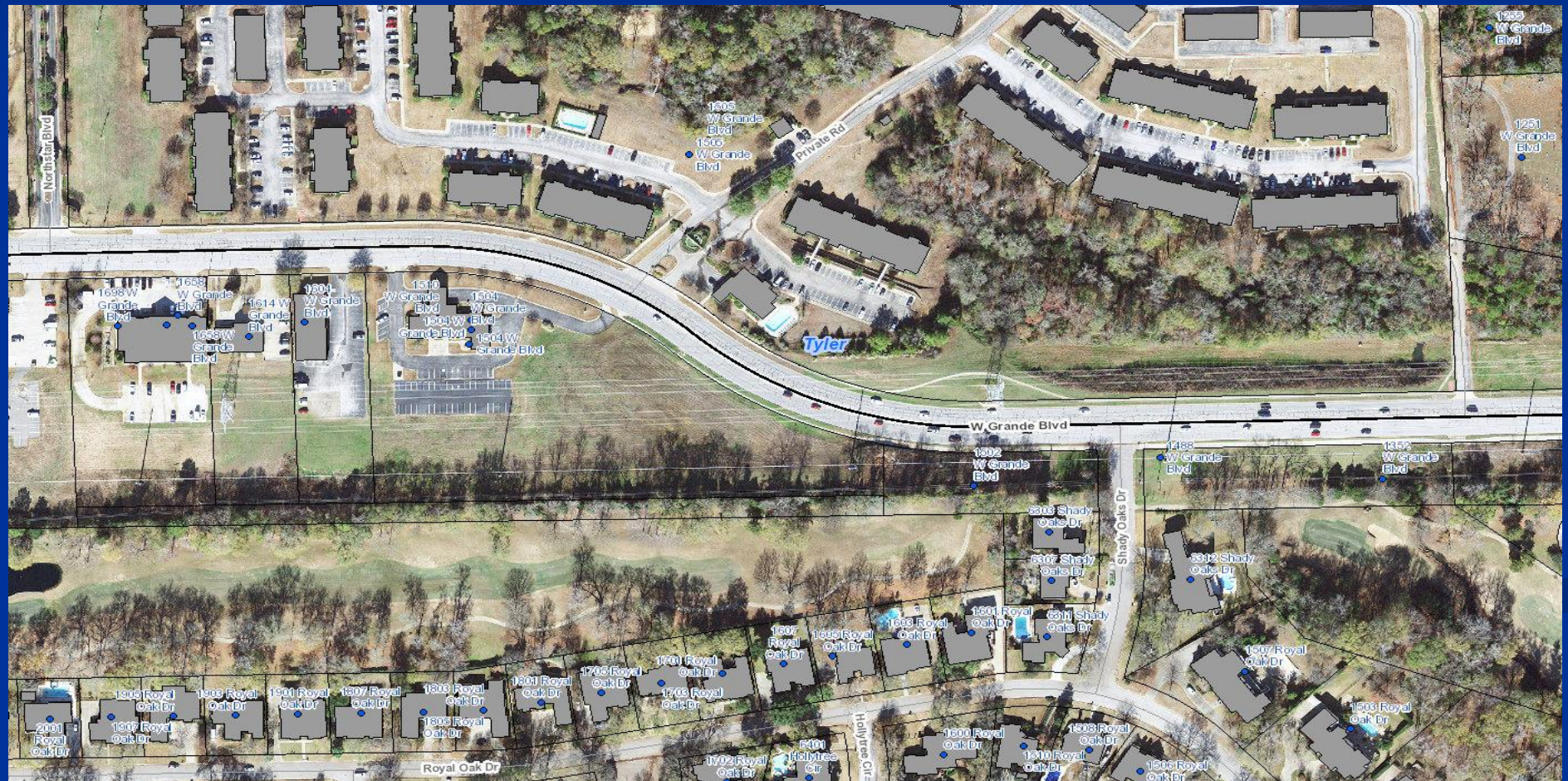




# New Projects Added to Half Cent Work Plan:

- Traffic
- Barriers –
- W. Grande  
(Shady Oaks  
to Northstar  
Bvd.)

- Estimated cost - \$1,500,000







# New Projects Added to Half Cent Work Plan:

## ➤ Roy Rd. Extension

### Full Project Scope

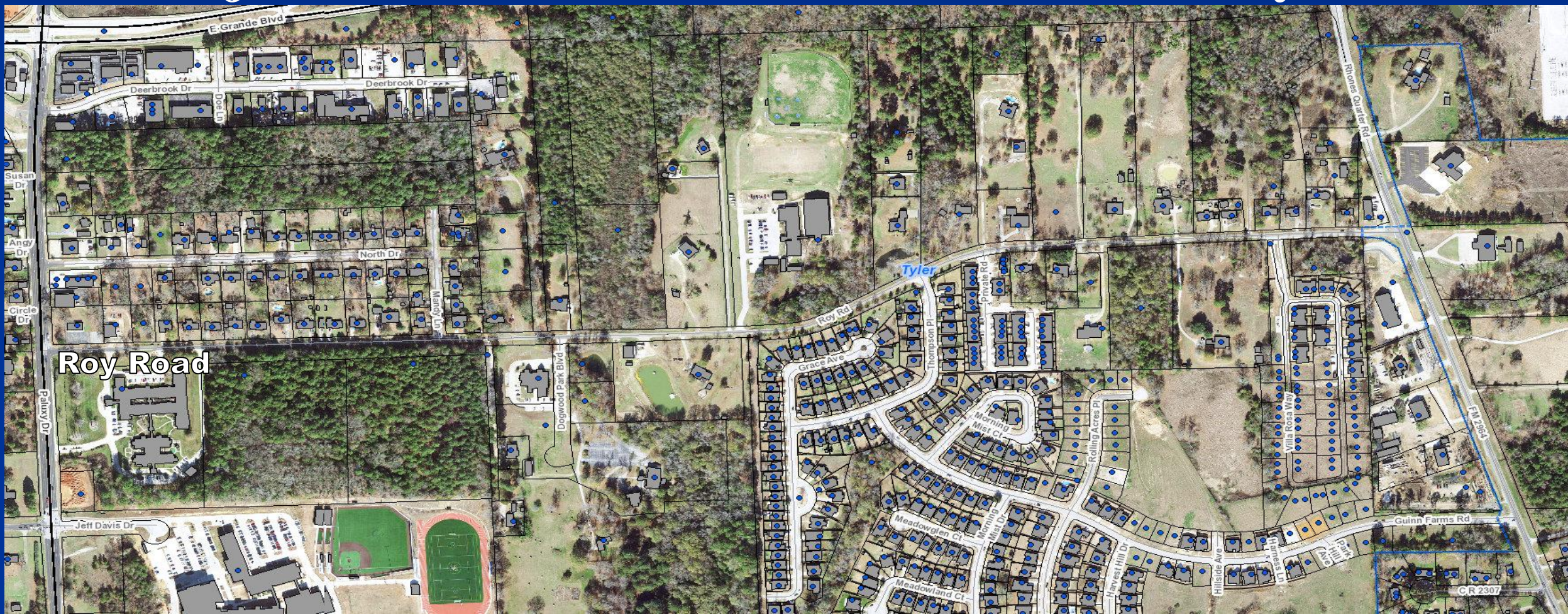
- This project is expected to help with congestion from Cumberland High School, Jeff Davis Rd., and Rhone's Quarter due to increased development in that area.
- **Estimated cost FY 21-22 - \$292,363**
- Estimated cost FY 22-23 - \$573,841
- Estimated cost FY 23-24 - \$4,565,459
- Estimated cost FY 24-25 - \$4,702,423
- Estimated cost FY 25-26 - \$2,421,748

*Estimated Total with inflation: \$12,555,834*





# New Projects Added to Half Cent Work Plan: Roy Road







# New Projects Added to Half Cent Work Plan:

## ➤ Reconstruction of Taxiway Alpha

- The existing asphalt pavement is severely deteriorated and has served well beyond its lifespan. The airport and FAA have programmed for its rehabilitation and plans to fund 90% of all associated costs.
- The project is scoped to remove all the old pavement and replace it with concrete pavement having the same weight bearing capacities of Runway 4-22
  - Estimated project cost - \$3,852,000
  - Estimated Local share - \$385,200







# FY 20-21 Projects:

24 projects totaling an Estimated \$18.23 million:

## ➤ Streets and Traffic

- Cambridge Road improvements
- Pavement Condition Assessment and Updates
- Reconstruction of Melinda Lane and Donna Drive
- 2020 Asphalt Overlay
- 2021 Asphalt Overlay
- Three Lakes Parkway Extension
- Reconstruction of Mirabeau Dr (Canal St to End)
- Year 1 - School Zone Flasher, Communications System and Signal Timing Upgrades
- Preliminary Engineering for Shiloh Road (SH 110 to Old Omen Road)



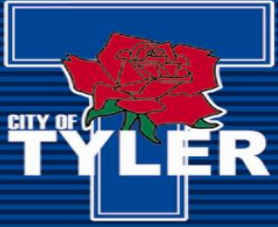
# FY 20-21 Projects:

## ➤ Drainage

- Comprehensive Stormwater Master Plan
- Cloverdale Drainage Improvements
- Arbor Oaks Channel Replacement
- College Ave. Storm Sewer Repair
- Pabst / Bow Storm Sewer Repair
- Flat Rock Storm Sewer Repair
- Channel Wall Reconstruction (W Mud Creek - Shiloh and Donnybrook)
- Briarwood Estates Channel Improvements
- Holly Park Drainage Improvements
- Stagecoach Drainage Improvements
- Channel Wall Reconstruction (W Mud Creek - 400 W. Grande)

## ➤ Parks and Airport

- Lindsay Park Restrooms
- Rose Center Improvements
- Legacy Trails Phase 2
- Airport Masterplan



# **PROPOSED HALF CENT BUDGET, REVENUE AND EXPENDITURES**





# FY 21-22 Proposed Half Cent Budget:

Beginning Cash Balance:	\$17,339,652
Revenues:	\$16,177,514
Expenditures:	\$18,582,087
Transfers In:	-
Transfers Out:	\$3,250,000
Ending Fund Balance:	\$11,685,079





**On July 13, 2021**

**The Half Cent Sales Tax Board**

**Approved the Proposed Budget and**

**Annual Plan**





- On July 28, 2021, The Tyler City Council approved The Half Cent Annual Work Plan and Corporate Budget.
- The approved plan must be followed by a 60-day review period for public input.