Proposed 2018 Bond Program
2018 BOND PROGRAM PRESENTATION OVERVIEW

• Program Philosophy and Assumptions
• Bond and Debt Capacity
• 2014 Bond Program Review
• Program Goals and Objectives
• Proposed Projects
• Bond Program Schedule
Some Philosophy & Assumptions “Up Front”

• Maintain What We Own Before Building New (use facility life-cycle cost analysis to determine renovation versus replacement)

• We are Balancing Both the Capital Budget and the Operating Budget

• No tax rate increase

• Policy Assumptions:
  o May 2018 is the date to hold the Bond Referenda
  o Public Art percentages set at same rate as 2014 Bond Referenda (1% for Transportation proposition; 2% for all others)
Capital Infrastructure Planning for a Growing Community

- Population Growth: 20,000-25,000 per year (the equivalent of adding Grapevine twice over every 4 years)
- Infrastructure Planning and Execution
- Backlog/Gap in Maintenance of Existing Infrastructure
- Strategy:
  - Increase cash funding for infrastructure maintenance
  - Plan bond referenda every 4-5 years
  - Continuous capital planning & implementation process
Bond Capacity

• Dedicated Property Tax Rate of 16.35 cents
• Conservative Assumptions
• Public Finance Best Practices
  o Cash & Debt
  o Align Financing to Infrastructure Life Cycle
### Long Term Debt Forecast

- **Projected Debt Service Fund Revenues**
- **Existing Tax Supported Debt Service**
- **Fire Equipment Tax Notes (2018-2044)**
- **Projected 2014 Bond Program ($149.075 Million Remaining)**
- **Projected $23.085 Million 2017 Tax Notes**
- **Projected $4 Million 2018 Tax Notes (Rock Creek PID)**
- **Projected $399.5 Million 2018 Bond Program**
- **Projected $378.2 Million 2022 Bond Program**

*Debt Capacity*
2014 Bond Program Funding Dist. By Category

- Facilities: $48,249,150 (17%)
- Streets and Transportation: $219,740,000 (75%)
- PARD: $24,086,000 (8%)

Total: $292,075,000
2014 BOND PROGRAM
AUTHORIZED PROJECTS

- STREET CONSTRUCTION, RECONSTRUCTION, REHABILITATION
- PARKS AND RECREATION
- COMMUNITY CENTERS (CC)
- LIBRARY SYSTEM IMPROVEMENTS
- FIRE SAFETY IMPROVEMENT
- MUNICIPAL COURT IMPROVEMENTS
- MUNICIPAL SERVICES FACILITIES
- ANIMAL CARE & CONTROL FACILITY IMPROVEMENTS
2018 Bond Program Goals & Objectives

• Maintain/Improve Existing Infrastructure
• Provide Mobility & City Services in Growth Areas
• Enhance Transportation and Recreational Corridors
• Allow for Flexibility and Partnership Opportunities
• Achieving Balance and Fiscal Stewardship (choices & trade-offs are always required)
2018 Bond Program
Project Submissions by Category

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<thead>
<tr>
<th>Category</th>
<th>Amount</th>
<th>Percentage</th>
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<tr>
<td>Streets &amp; Transportation</td>
<td>$1,245,550,000</td>
<td>79%</td>
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<td>Facilities</td>
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<td>Total</td>
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Total - $1,582,345,545
Project Selection Process

- Project Evaluation and Prioritization (May 2016 – February 2017)
  - Evaluate prioritized projects submitted by each Department
  - ADA compliance was taken into consideration when staff prioritized:
    - Street improvements such as pavement markings, curb cuts and sidewalks.
    - Improvements to community centers and city facilities.
  - Categorize projects and rank in priority using defined selection criteria
  - Recommendations provided to City Management for final review

- City Council Review of Recommended Projects List (April 2017)

- Public Engagement Meetings (June – October 2017)

- Finalization of Project List (November 2017)

- City Council Review and Approval of Projects/Propositions (December 2017)
2018 Bond Program Projects Funding Request by Category

- **Streets & Pedestrian Mobility:** $258,055,000 (65%)
- **Infrastructure:**
  - Public Art Funding - 1% for Streets and Pedestrian Mobility and 2% for all other Categories
  - Streets & Pedestrian Mobility Infrastructure: $258,055,000 (65%)
- **Parks and Recreation:** $84,645,000 (21%)
- **Public Library:** $10,736,000 (3.5%)
- **Fire Stations:** $14,219,000 (3.5%)
- **Animal Care and Shelter Facility:** $13,770,000 (3%)
- **Police Station:** $18,075,000 (5.0%)

Total: $399,500,000
Streets and Pedestrian Mobility Infrastructure
Street Network Priorities

Maintain Network
  • Street Pavement
  • Pavement Markings
  • Traffic Signals
  • Street Lighting

Key Safety Improvements
  • Neighborhood/School Safety
  • Bridge Replacements
  • Railroad Crossings
  • Street Lighting

Balance of Funding – Capacity Expansion of Network
  • Thoroughfare Expansion – New Segments & Additional Lanes
Maintain Network

Thoroughfare, Neighborhood & Park Roads
- $65,500,000 (Pavement Condition Index Maintained at 70 Score)
  - (34% Increase over 2014 CIP)

Revitalize Established Thoroughfare Corridors
- $12,500,000 (New Category from 2014 CIP)

Traffic Signals
- $12,500,000 (25% Increase over 2014 CIP)
Key Safety Improvements

Neighborhood/School Safety
• $5,000,000 (New Category from 2014 CIP)

Bridge Replacement
• $10,000,000 (Unchanged from 2014 CIP)

Railroad Crossings
• $5,000,000 (Unchanged from 2014 CIP)

Street Lights
• $10,000,000 (100% Increase from 2014 CIP)
Added Network Capacity

Focus on Stand Alone Intersection Improvements in Addition to New Corridors

Corridors
• $90,000,000 (10% Reduction from 2014 CIP)

Intersections
• $30,000,000 (330% Increase 2014 CIP)

Sidewalks/Bicycle Facilities
• $15,000,000 (12% Increase from 2014 CIP)
Added Capacity Location Map

2018 Bond TPW Proposed Intersection Locations
1. Sundance Ranch Blvd & Dairy Creek Ln
2. Sundance Ranch Blvd & Avondale Trace Rd
3. Prairie Creek Pkwy & Grayson Ridge Dr
4. Branch St & Reserve Blvd
5. Baseline Blvd & US 377
6. S Fossil Ave & Fossil Ave
7. Fossil Ave & Western Sky Blvd
8. Fossil Ave & E Elrod Ave
9. E Newby Dr & East Spring Rd
10. Fossil Ave & Race St
11. Fossil Oak Dr & S Fossil Ave
12. Camp Bowie Blvd & Van Dough Way
13. Fossil Creek Dr & Las Vegas Trl
14. Fossil Oasis Rd & Meadowbrook Blvd
15. E Henry Dr & Comanche Trl
16. S Seminary Rd & Manderfield Way
17. S Hanus St & W 30
18. S Hanus St & Centennial Blvd
19. W College Dr & Montana Dr
20. Fossil Creek Rd & Challenge School Rd
21. Fossil Creek Rd & South Mesa School Rd
22. W Ranger Rd & Garden Springs Dr
23. W Heartland Dr & W Coturnix Rd
24. Park Vista Blvd & Keller Headed Rd
25. Blue Mound Rd & US 367
26. Range Dr & US 377

*Advanced funding for design

2018 Bond TPW Proposed Arterial/Established Thoroughfare Locations
(Advanced Funding for Design)
1. Avondale-Haak Rd
2. Wild Fig Place
3. N Beach Rd
4. Willow Springs Rd
5. River Ridge Rd
6. Shadow Creek Rd
7. Riverbend Rd
8. Great Trinity Forest Dr
9. Julian Rd
10. Great Trinity Forest Dr
11. Wharton Rd
12. Calloway Rd
13. Tanglewood Rd
14. Airline Dr
15. S Fossil Ave
16. Caddo Creek Rd
17. Harvest Rd
18. Belknap Rd
19. Pepper Grange Rd
20. Fossil Oaks Rd
21. Western Sky Pkwy
22. N Fossil Ave
23. S Fossil Ave
24. W Fossil Ave
25. E Fossil Ave
26. S Fossil Ave

*Established Thoroughfares
### Streets and Pedestrian Mobility Infrastructure

<table>
<thead>
<tr>
<th>Project Category</th>
<th>GO Funding Request</th>
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<tbody>
<tr>
<td>Bridge Rehabilitation</td>
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<tr>
<td>Neighborhood and Arterial Street Reconstruction</td>
<td>$65,500,000</td>
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<tr>
<td>Railroad Crossings</td>
<td>$5,000,000</td>
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<td>Streetlights</td>
<td>$10,000,000</td>
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<tr>
<td>Intersection/Signal Improvements</td>
<td>$30,000,000</td>
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<tr>
<td>Traffic Signals</td>
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<tr>
<td>Neighborhood/School Safety</td>
<td>$5,000,000</td>
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<tr>
<td>Revitalize Established Transportation Corridors</td>
<td>$12,500,000</td>
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<tr>
<td>Arterials/Corridors - Added Network Capacity</td>
<td>$90,000,000</td>
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<tr>
<td>Sidewalks/Bicycle Lanes</td>
<td>$15,000,000</td>
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<tr>
<td>Public Arts Funding (1%)</td>
<td>$2,555,000</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>$258,055,000</strong></td>
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</table>
Parks, Recreation, and Facilities
Proposed Park, Recreation, and Facility Improvements

2018 BOND PROGRAM

POSITION - 2
PARKS AND RECREATION
- COMMUNITY PARK DEVELOPMENT
- FORT WORTH ZOO
- NEIGHBORHOOD PARK DEVELOPMENT
- COMMUNITY CENTERS (CC)
- CENTRAL LOCATION MAINTENANCE COMPOUND
- ROCKWOOD GOLF COURSE CLUBHOUSE
- TRINITY TRAILS CONNECTION
- FLOOD PROTECTION & EROSION CONTROL

POSITION - 3
PUBLIC LIBRARY
- WEDGWOOD LIBRARY

POSITION - 4
FIRE STATIONS
- FIRE STATION (S)

POSITION - 5
PUBLIC ANIMAL CARE AND SHELTER FACILITY
- ANIMAL SHELTER

POSITION - 6
POLICE STATIONS
- SOUTH POLICE PATROL DIVISION
- FORT WORTH CITY LIMIT
Neighborhood Park Development

Project includes master planning, design, and construction of 8 Neighborhood Parks

Typical amenities include:
- Playground
- Picnic shelter
- Walking trail
- Practice fields

Total - $3,760,000
Community Park Development

Complete development of 6 Community Parks in accordance with Park and Recreation Open Space Master Plan

Amenities may include, but not limited to:
• Athletic fields
• Walking/biking trails
• Picnic facilities
• Soccer Fields
• Playgrounds
• Park roads and parking

Total -$14,500,000
Walks and Trails

- **Trinity Trails Connection** – complete trail connection from San JoAquin Trail to River Legacy Park trail
  
  $4,000,000

- **Trail Gap Connections** – citywide construction of new trails to address gaps in connection

  $3,500,000
Northwest Community Center - $11,350,000
Design and construction of 25,000 sq.ft. facility with gymnasium, fitness equipment, and meeting rooms.

Diamond Hill Community Center (Replacement) $11,450,000
Design and construction of new 25,000 sq.ft. facility to replace existing center. Facility amenities to include boxing gym, gymnasium, fitness area, and meeting rooms.

Northside Community Center (Renovation) $5,806,000
Design and renovation of 19,338 sq.ft. of building area to provide more meeting/rental space and program expansion.

Sycamore Community Center (Renovation) $2,710,000
Design, renovation and repair to 8,053 sq.ft. of building area to increase programming services and address structural issues, gym floor replacement and restoration of lighting for outdoor court.

Thomas Place Community Center $1,000,000
Acquisition of property only
Athletic Field Lighting

Construction of athletic field lighting at 3 Community Parks to provide evening competitive play

- Harmon Athletic Field
  - 2 Fields
- North Park
  - 2 Fields
- Rolling Hills
  - 6 Fields

Total - $3,000,000
Road and Parking Replacement

Replacement of Parking Lots and Road at the following Parks:

• Gateway Park (East 1st Street Entrance)
• Sycamore Park
• Rockwood Park

$3,000,000
PARD Maintenance Facility

Project includes the design and construction of new facilities to house:

- Trades maintenance personnel
- Central District operations
- Citywide Mowing operations
- Graffiti Abatement
- Athletics maintenance operation
- Inventory and equipment

$9,055,000
Design and construction of a new clubhouse/cart barn and renovation to existing maintenance facility.

$6,600,000
Other Park Projects

**Universal Playground** — Design and construction of 15,000 – 20,000 sq.ft. playground with resilient surfacing, connecting walks and supporting furnishing.

$750,000

**Neighborhood and Community Park Land Acquisition**

- Funding for acquisition of park land in areas of the City that are deficient in neighborhood and community parks

$3,500,000

**Fort Worth Zoo Infrastructure**

- Design and construction of public utility infrastructure to support new zoo facilities

$1,339,000

**Flood Protection and Drainage Control**

- Design and construction of dam improvements at Lake Como Community Park and Candleridge Community Park

$661,000
Wedgwood Library Replacement

- Project includes land acquisition, design and construction of new approximately 16,000 sq.ft. library
- Current facility is too small at 4,900 sq.ft., and site lacks sufficient parking
- Proposed new location near McCart Ave. and Sycamore School Road

New Library

- Improves overall service delivery with larger collection
- Provides opportunity for more educational classroom and computer lab space

$10,525,000
Fire Safety Improvements

Fire Station #45
• Project includes land acquisition, design and construction of new 3-bay, double company fire station to serve growing population

$7,800,000

Fire Station #26 Replacement
• Project includes design and construction of 3-bay, double company fire station (2 story) and demolition of existing station

$6,140,000
Animal Care and Shelter Facility

Construction of approximately 30,000 sq.ft. modern animal shelter.

- Will improve efficiency to serve expanded and growing city;
- Will improve service to residents in the north and west;
- Will complement existing southeast shelter and promote public private partnerships;
- Design funding for north Animal Shelter approved in 2014 Bond Program.

$13,500,000
Land acquisition, design, and construction of an approximately 28,000 sq.ft. facility to house the South Patrol Division.

**Project Objectives:**

- Centralize police operations in southern part of City
- Meet expected population growth demands
- Eliminate financial obligation associated with current leased facilities at Hemphill Street and McCart Ave.

$17,720,000
## Funding Summary by Sample Proposition

<table>
<thead>
<tr>
<th>Category</th>
<th>Proposition</th>
<th>Amount</th>
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<tr>
<td>Streets and Pedestrian Mobility Infrastructure</td>
<td>Proposition 1</td>
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<tr>
<td>Parks and Recreation</td>
<td>Proposition 2</td>
<td>$84,645,000</td>
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<td>Public Library</td>
<td>Proposition 3</td>
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<td>Fire Stations</td>
<td>Proposition 4</td>
<td>$14,219,000</td>
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<td>Public Animal Care and Control Facility</td>
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<td>$13,770,000</td>
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<td>Police Station</td>
<td>Proposition 6</td>
<td>$18,075,000</td>
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<td><strong>Grand Totals</strong></td>
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Funding includes: Furniture, Fixtures and Equipment, and Public Art Funding ($5,334,000)
## Future Budget Impact

**Projected Increase for Operations and Maintenance**

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<tr>
<th>Project</th>
<th>FY2019</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
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<td>Fire Station 45 (Far North Station)</td>
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<td>Wedgwood Library Replacement</td>
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<td>Central Location Maint. Compound</td>
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<td>$1,152,000</td>
<td>$168,000</td>
<td>$7,200,000</td>
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Proposed 2018 Bond Program Schedule

- **April 2017** – Staff presentation to City Council on proposed public presentations schedule of meetings
- **June – October 2017**  Public engagement meetings
- **November 2017**  – Finalization of recommended projects
- **December 2017**  -  City Council review and approval of projects/propositions
- **February 2018** – City Council action calling for May 2018 Bond election (ordinance)
- **February – May 2018** – Public education of Bond Propositions
- **May 5, 2018** – Bond Election day
2018 Bond Program

Questions/Comments