



Memorandum

Date: January 9, 2017
To: Bruce D. Glasscock, City Manager
From: Karen Rhodes-Whitley, Director of Budget & Research
Subject: **2017 BOND REFERENDUM PACKET**

Enclosed is the 2017 Bond Referendum Discussion Packet for review at the Monday, January 9, 2017 City Council Work Session. Included in the packet is the timeline, current proposed project list, descriptions, O & M impact and the tax rate impact for scenarios totaling \$180 million to \$257.4 million in new authority over the four year period. The proposed Bond Referendum currently totals \$226.1 million in new authority, a reduction of \$31.3 million from the original \$257.4 million proposed in October.

In an effort to reduce the total cost of the package, the following changes have been incorporated into the proposed 2017 Bond Referendum since the December 20, 2016 City Council meeting. Projects identified for reduction from the program are as follows:

- Fire Station #5 Renovation \$3,000,000
- Haggard Library Expansion \$5,175,000
- Memorial Park Improvements \$3,150,000
 - Veterans Recognition Addition (\$350K) still included
- Bike Park \$4,000,000
- Rowlett Creek Greenbelt Phase I(Los Rios) \$1,000,000
 - Project budget reduced from \$4.0M to \$3.0M
- Chisholm Trail \$1,500,000
- Old Shepard Place Park Renovation \$2,500,000
- Willowcreek Park Renovation \$2,000,000
- Tom Muehlenbeck Rec Center Enhancements \$2,500,000
- Street Enhancements \$1,500,000
- Historic Preservation \$5,000,000

Staff will be available at the meeting to answer any questions City Council may have regarding the projects. Due to the timing of the election, a listing of the final bond referendum projects and proposed propositions will be discussed and decided upon at the February 13, 2017 City Council meeting. Monday, February 27, 2017, the City Council is scheduled to adopt the resolution calling for the election. Please let me know if you require further clarification.

**BOND REFERENDUM CALENDAR – Remaining Dates
ELECTION MAY 6, 2017**

January 9	Council Project Discussions for Proposed Projects – Streets & Collinwood House Projects City Council Discussion and Direction on the 2017 Bond Referendum Public Hearing for Citizen Input on the 2017 Bond Referendum
January 23	City Council Discussion and Direction on the 2017 Bond Referendum Proposed Draft Copy of 2017 Bond Propositions Final Public Hearing for Citizen Input on the 2017 Bond Referendum
February 13	City Council agrees on propositions to be submitted before voters
February 27	City Council considers an ordinance to call the 2017 Bond Referendum
Feb/Mar	Voter education materials developed and distributed
Early March	Materials presented to Plano citizens
Mid-Mar/April	Presentations to Community & Civic Groups
April 13	Digital Town Hall Meeting on 2017 Bond Referendum
Mid-April	Educational video begins to air
April 17 – April 28	Publish Notices for Elections
April 24 – May 2	Early Voting
May 6	Election Day

The Budget and Research Department reserves the right to make changes to this calendar, as required or may be appropriate, to facilitate the timely execution of tasks and required productions of publications.

PRELIMINARY 2017 BOND REFERENDUM PROJECTS
FOR JANUARY 9, 2016

Project	2017-18	2018-19	2019-20	2020-21	Total
<u>Public Safety Facilities (in priority order)</u>					
Fire Training Center	2,000,000	13,000,000	-	-	15,000,000
O&M	-	210,598	210,598	210,598	631,794
Northwest Plano Police Substation	1,200,000	10,800,000	-	-	12,000,000
O&M	-	544,138	544,138	544,138	1,632,414
Parkway & Fleet Service Center	-	-	400,000	3,600,000	4,000,000
O&M	-	-	-	-	-
Total Public Safety Facilities Authority Needed	3,200,000	23,800,000	400,000	3,600,000	31,000,000
Total O&M	-	754,736	754,736	754,736	2,264,208
<u>Library Facilities (in priority order)</u>					
Davis Library Expansion	525,000	4,475,000	-	-	5,000,000
O&M	-	100,554	100,554	100,554	301,662
Harrington Library Expansion	-	455,000	4,545,000	-	5,000,000
O&M	-	-	99,929	99,929	199,858
Total Library Facilities Authority Needed	525,000	4,930,000	4,545,000	-	10,000,000
Total O&M	-	100,554	200,483	200,483	501,520
<u>Park Improvements (in priority order)</u>					
Park Improvements	1,000,000	1,000,000	1,000,000	2,000,000	5,000,000
O&M	20,000	40,000	60,000	80,000	200,000
Recreational Trails	1,500,000	1,500,000	1,000,000	1,000,000	5,000,000
O&M	25,000	50,000	75,000	100,000	250,000
Land Acquisitions	10,000,000	2,000,000	3,000,000	3,000,000	18,000,000
O&M	35,000	60,000	80,000	80,000	255,000
Carpenter Park Renovation II	400,000	300,000	300,000	11,000,000	12,000,000
O&M	-	-	-	200,000	200,000
Jack Carter Park Improvements	250,000	250,000	3,000,000	-	3,500,000
O&M	-	-	75,000	75,000	150,000
High Point Maintenance Facility	-	500,000	3,000,000	3,000,000	6,500,000
O&M	-	-	-	-	-
Artificial Turf Fields	400,000	5,200,000	2,400,000	-	8,000,000
O&M	-	130,000	195,000	195,000	520,000
Athletic Field Improvements	-	250,000	2,250,000	-	2,500,000
O&M	-	-	100,000	100,000	200,000
Memorial Park Veterans Recognition Addition	350,000	-	-	-	350,000
O&M	-	30,000	30,000	30,000	90,000
Arbor Hills Nature Preserve	50,000	450,000	-	-	500,000
O&M	-	32,000	32,000	32,000	96,000
Harrington Park	350,000	3,150,000	-	-	3,500,000
O&M	-	-	-	-	-
Oak Point Park and Nature Preserve	8,000,000	-	-	-	8,000,000
O&M	-	-	-	-	-
Windhaven Meadows Park	-	300,000	2,700,000	-	3,000,000
O&M	-	-	-	-	-
Rowlett Creek Greenbelt Phase I (Los Rios)	200,000	200,000	2,600,000	-	3,000,000
O&M	-	-	300,000	300,000	600,000
Total Park Authority Needed	22,500,000	15,100,000	21,250,000	20,000,000	78,850,000
Total O&M	80,000	342,000	947,000	1,192,000	2,561,000

**PRELIMINARY 2017 BOND REFERENDUM PROJECTS
FOR JANUARY 9, 2016**

Project	2017-18	2018-19	2019-20	2020-21	Total
<u>Recreation Center (in priority order)</u>					
Oak Point Recreation Center Pools	-	500,000	9,500,000	-	10,000,000
O&M	-	-	355,000	355,000	710,000
High Point Tennis Center	2,500,000	-	-	-	2,500,000
O&M	-	-	-	-	-
Total Recreation Center Authority Needed	2,500,000	500,000	9,500,000	-	12,500,000
Total O&M	-	-	355,000	355,000	710,000
<u>Collinwood House & Historic Preservation*</u>					
Collinwood House	3,500,000	-	-	-	3,500,000
O&M	17,923	17,923	17,923	17,923	71,692
Total Collinwood House Authority Needed	3,500,000	-	-	-	3,500,000
Total O&M	17,923	17,923	17,923	17,923	71,692
<i>* Any remaining funding upon completion of Collinwood House project could be used for future preservation projects.</i>					
<u>Street Improvements</u>					
Alley Reconstruction	150,000	1,000,000	1,000,000	1,000,000	3,150,000
Arterial Concrete Street Reconstruction	8,000,000	8,000,000	8,000,000	8,000,000	32,000,000
Barrier Free Ramps & Sidewalks	100,000	100,000	100,000	100,000	400,000
Bridge Inspection & Repairs	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Collector Street Construction	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Computerized Signal System	250,000	250,000	250,000	250,000	1,000,000
Intersection Improvements	500,000	500,000	500,000	500,000	2,000,000
Miscellaneous Right of Way	10,000	10,000	10,000	10,000	40,000
Neighborhood Park Streets	120,000	120,000	120,000	120,000	480,000
New Concrete Alleys	125,000	125,000	125,000	125,000	500,000
Oversize Participation	125,000	125,000	125,000	125,000	500,000
Redevelopment Street Improvements	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
Roadway Median Landscaping	75,000	75,000	75,000	75,000	300,000
Screening Wall Reconstruction	1,400,000	4,000,000	4,000,000	4,000,000	13,400,000
Sidewalks	1,100,000	2,200,000	2,200,000	2,200,000	7,700,000
Street Lighting	50,000	50,000	50,000	50,000	200,000
Street Reconstruction	2,200,000	2,200,000	2,200,000	2,200,000	8,800,000
Traffic Signalization	750,000	750,000	750,000	750,000	3,000,000
Total Street Improvements Authority Needed	19,155,000	23,705,000	23,705,000	23,705,000	90,270,000
TOTAL PROJECTED AUTHORITY NEEDED	51,380,000	68,035,000	59,400,000	47,305,000	226,120,000
TOTAL O&M NEEDED (Cumulative)	97,923	1,215,213	2,275,142	2,520,142	

2017 BOND REFERENDUM PROJECT DESCRIPTIONS

PUBLIC SAFETY FACILITIES (in priority order)

Fire Training Center - \$15,000,000

Design and construction of a training facility for Plano Fire-Rescue at the northwest corner of McDermott Road and Robinson Road. *Estimated annual operating and maintenance expenses for this project include:*

- \$88,263 for a *Facilities Mechanic position and fire department operating expenses*
- \$72,335 for *facility utilities, maintenance, repair & custodial services*
- \$50,000 for *landscape, grounds and irrigation maintenance, which includes ½ of an Irrigation Technician position.*

Northwest Plano Police Substation - \$12,000,000

Design and construction of a new Police Substation at the southwest corner of McDermott Road and Robinson Road. *Estimated annual operating and maintenance expenses for this project include:*

- \$330,698 for *five civilian police positions for building reception, records management and quartermaster unit*
- \$163,440 for *facility utilities, maintenance, repair & custodial services*
- \$50,000 for *landscape, grounds and irrigation maintenance, which includes ½ of an Irrigation Technician position.*

Parkway & Fleet Service Center - \$4,000,000

Renovation of facilities at the Parkway Service Center used by Plano Public Works and Health Departments.

LIBRARY FACILITIES

Davis Library Expansion - \$5,000,000

Expansion and partial renovation of the Plano Public Library Branch located at 7501-B Independence Parkway. *Estimated annual operating and maintenance expenses for this project include:*

- \$60,000 for a *Library Services Representative position and library operating expenses*
- \$40,544 for *facility utilities, maintenance, repair & custodial services*

Harrington Library Expansion - \$5,000,000

Expansion and partial renovation of the Plano Public Library Branch located at 1501 18th Street. *Estimated annual operating and maintenance expenses for this project include:*

- \$60,000 for a *Library Services Representative position and library operating expenses*
- \$39,929 for *facility utilities, maintenance, repair & custodial services*

PARK IMPROVEMENTS PROJECTS (in priority order)

Park Improvements - \$5,000,000

Continued development of parks throughout the city to include sidewalks, trails, trees, playground expansions, lighting, benches, restrooms, picnic areas and other related park improvements. This includes funding to respond to public request or to respond to needs that are unforeseen at this time. It also includes funding to master plan future parks and facilities.

Estimated annual operating and maintenance expenses for this project total \$80,000 by 2020-21 for year-round contractual litter and restroom service, recreational equipment and amenities maintenance, playground equipment and fall surface maintenance, shade shelter maintenance, routine inspections, of all assets, forestry maintenance, trail maintenance, graffiti abatement, general structure/site upkeep, signage and markings maintenance, barrier and hardscape maintenance, lighting, electrical and plumbing maintenance.

Recreational Trails - \$5,000,000

Continued development of the recreational trail system throughout the City in accordance with the Parks Master Plan and Bicycle Transportation Plan. *Estimated operating and maintenance expenses for this project total \$100,000 by 2020-21 and include additional contractual litter service, routine site inspections, trail surface maintenance, amenities maintenance, markings and signage maintenance, barrier maintenance, low-water crossings and street crossing maintenance.*

Land Acquisitions- \$18,000,000

Continued land acquisitions in accordance with the Park Master Plan and to meet needs in underserved areas of the City. *Estimated annual operating and maintenance expenses for this project total \$80,000 by 2019-20 for general purpose grounds maintenance (mowing, etc.) prior to development, litter services, and forestry maintenance.*

Carpenter Park Renovation Phase II - \$12,000,000

The existing improvements at the park were built in 1983. Complete renovation and major improvements to Carpenter Park north of the drainage channel to include improvements for league play and tournaments. Work will include drainage improvements, new lighting, new irrigation system, irrigation well, irrigation ponds, new larger playgrounds, new larger restrooms designed to be open year-round, additional parking, fencing, trail connections and trees.

Estimated annual operating and maintenance expenses for this project totaling \$200,000 starting in 2020-21 include year-round contractual litter and restroom service, new playground equipment and larger fall surface maintenance, shade shelter maintenance, routine inspections of all assets, forestry maintenance, concrete trail maintenance, graffiti abatement, general structure/site upkeep, fixture maintenance, signage and markings maintenance, barrier and hardscape maintenance, lighting, electrical and plumbing maintenance. Also included is maintenance of restored creek corridor/channel for site based well water, and maintenance of well water pumps and new storm water run-off BMPS.

Jack Carter Park Improvements - \$3,500,000

Improvements include restoration of the existing maintenance facility site, renovation of the remaining athletic fields, and replacement of athletic field lighting, new irrigation system, new year-round restrooms, additional trails, sand volleyball courts, pickle ball courts and related park improvements. *Estimated annual operating and maintenance expenses for this project total \$75,000 starting in 2019-20 for year-round contractual litter and restroom service, recreational equipment and amenities maintenance, possible shade shelter maintenance, routine inspections of all assets, forestry maintenance, trail maintenance, graffiti abatement, general structure/site upkeep, signage and markings maintenance, barrier and hardscape maintenance, possible lighting, electrical and plumbing maintenance; larger new restroom, additional fencing upkeep, and care for an expanded sports lighting area.*

High Point Maintenance Facility and Offices - \$6,500,000

Complete replacement of the existing maintenance facility in Jack Carter Park with a new facility at High Point Park. The existing facility is within the 100 year flood plain, is over 30 years old and is located in conflict with school children's route to school. The existing facility is no longer meeting staff needs for office space and equipment storage. The new facility will be built in a new location out of the flood plain and away from residential development.

Artificial Turf Fields - \$8,000,000

The addition of up to six Artificial Sports Turf Fields at existing athletic sites. *Estimated annual operating and maintenance expenses for this project total \$195,000 by 2019-20 and are for contractual services or equipment & materials for general care of artificial sports field, fencing maintenance, and electrical costs for additional hours of sports field use.*

Athletic Field Improvements - \$2,500,000

Additional athletic field lighting on previously unlighted fields, additional fencing, addition of 2 synthetic turf practice areas, restroom improvements, new irrigation systems, additional spectator fabric shade structures, playground replacements and related improvements at existing athletic sites. *Estimated annual operating and maintenance expenses for this project total \$100,000 starting in 2019-20 and include maintenance of additional field lighting, additional electrical costs, maintenance and upkeep of additional year-round restroom facilities (plumbing, contractual litter/restroom services), inspection and maintenance of shade fabric in spectator areas, inspection and maintenance of additional fencing, playing surface maintenance.*

Memorial Park Veterans Recognition Addition - \$350,000

Additional improvements to honor veterans at Memorial Park. *Estimated annual operating and maintenance expenses for this project total \$30,000 starting 2018-19 for regular maintenance and the installation of bricks or plaques, as well as the coordination of recognition area with families and veterans organizations.*

Arbor Hills Nature Preserve - \$500,000

Additional year-round restrooms to reduce overcrowding at the existing restrooms and drainage and erosion improvements at various locations in the park. *Estimated annual operating and maintenance expenses for this project total \$32,000 starting in 2018-19 for year-round contractual restroom and litter service, routine inspections, graffiti abatement, general structure upkeep, lighting, electrical, and plumbing maintenance.*

Harrington Park Expansion and Renovation - \$3,500,000

Expansion of Harrington Park to include a trail on the west side of the creek, a pedestrian bridge connecting the east and west sides of the park, replacement of existing asphalt parking lot with new reconfigured parking, new irrigation system, new restrooms, pavilion and playground improvements.

Oak Point Park and Nature Preserve - \$8,000,000

Additional funding to complete improvements such as parking, picnic areas, pavilions, playground, restrooms, canoe/kayak launch, trails, trees, irrigation and related improvements.

Windhaven Meadows Park Additional Improvements - \$3,000,000

Continued development of Windhaven Meadows Park in accordance with the master plan. Improvements may include additional parking, landscaping, trails, playground additions, picnic areas and related improvements.

Rowlett Creek Greenbelt Phase I - \$3,000,000

Conversion of the existing golf course to park improvements. Possible improvements may include pavilions, restrooms, trails, and other recreational amenities. *Estimated annual operating and maintenance expenses for this project total \$300,000 starting in 2019-20 to provide for seasonal ground maintenance (mowing, litter, fertilization, weed control etc.) as well as year-round asset management for structures, trees, ponds, restrooms, playground and recreation equipment.*

RECREATION CENTER PROJECTS (in priority order)

Oak Point Recreation Center Pools - \$10,000,000

Addition of large outdoor pool area with a focus on recreational amenities at Oak Point Recreation Center. *Estimated annual operating and maintenance expenditures for this project total \$355,000 starting in 2019-20 and include additional lifeguard and recreational staffing, chemicals, supplies and regular pool equipment maintenance.*

High Point Tennis Center Renovation - \$2,500,000

Additional funding for the renovation of High Point Tennis Center. The 2013 Bond Program included \$2,500,000 for High Point Tennis Center. That funding will cover the cost of a new pro-shop and additional parking. The additional funding is needed for renovation of all the 21 tennis courts and complete replacement of several tennis courts.

COLLINWOOD HOUSE PROJECT

Collinwood House - \$3,500,000

Preservation and restoration of the Collinwood House currently located at the Windhaven Meadows Park site. Any remaining project funds after the Collinwood House project is completed could be used for other historic preservation projects identified in the future. *Estimated annual operating and maintenance expenses for this project total \$17,923 starting in 2017-18 for facility utilities, maintenance, repair & custodial services.*

STREET IMPROVEMENT PROJECTS

Alley Reconstruction - \$3,150,000

Reconstruction of deteriorated concrete alleys. Funding will be transferred to specific projects as they are identified.

Arterial Concrete Street Reconstruction - \$32,000,000

Reconstruction of arterial streets throughout Plano.

Barrier Free Ramps & Sidewalks - \$400,000

Construction of ramps in residential neighborhoods and major thoroughfares to meet ADA standards.

Bridge Inspection & Repairs - \$8,000,000

Evaluation of TxDOT bridge inspection reports and field visits to determine improvements.

Collector Street Construction - \$4,000,000

Construction of collector roadways

Computerized Signal System - \$1,000,000

Control all signalized intersections via a traffic control center. All current and future signals will be connected to the control center. This project includes the installation of video cameras at critical intersections to monitor the traffic first hand. This will be an on-going project with upgrades and improvements made when appropriate. Establishment of wireless (microwave) communication links between the Traffic Management Center and the existing and proposed camera locations are also included.

Intersection Improvements - \$2,000,000

Addition of left- and/or right-turn lanes at various intersections throughout the City. Funding will be transferred to specific projects as they are identified.

Miscellaneous Right of Way - \$40,000

Acquisition of miscellaneous right-of-way required prior to construction of roadways. Funding will be transferred to specific projects on an as-needed basis.

Neighborhood Park Streets - \$480,000

Construct various roadway sections adjacent to City parks, including neighborhood streets, thoroughfares and drainage facilities.

New Concrete Alleys - \$500,000

Construction of concrete alleys to replace dirt alley locations. Funding will be transferred to specific projects as they are identified.

Oversize Participation - \$500,000

Participation with developers for various oversize paving and drainage improvements that will benefit Plano residents, businesses and visitors.

Redevelopment Street Improvements - \$4,800,000

As areas of the City begin redeveloping, it will be necessary for the City to make various street improvements to facilitate the development. These funds will be used to build new streets and reconstruct existing substandard streets and will be transferred to specific projects as identified.

Roadway Median Landscaping - \$300,000

Landscaping of thoroughfare medians throughout the City when water restrictions permit.

Screening Wall Reconstruction - \$13,400,000

Complete reconstruction of concrete screening walls along major thoroughfares. Funding will be transferred to specific projects as they are identified.

Sidewalks - \$7,700,000

Installation of new sidewalks as necessary at locations throughout Plano.

Street Lighting - \$200,000

Installation of conduit and concrete bases for street lighting along major thoroughfare.

Street Reconstruction - \$8,800,000

Complete reconstruction of concrete streets. Funding will be transferred to specific projects as they are identified.

Traffic Signalization - \$3,000,000

Construction of new traffic signals at locations to be determined.

**2017 PROPOSED BOND PROGRAM
NEW AUTHORITY OPTIONS**

TAX IMPACT

Amount of New Authority Approved	\$180,000,000	\$202,500,000	\$226,120,000	\$257,445,000
Maximum Tax Rate Impact After Four (4) Years	-0.34 Cents	0 Cents	0.48 Cents	0.93 Cents
Dollar Impact Based on Average Home Value	-\$10.09	\$0.00	\$14.46	\$27.79

* Average Home Value = \$326,099, Change from 2017 Tax Rate (47.86 cents) w/ 20% Homestead Exemption

** Future Interest Rates assumed at 4.0% for 2018, 4.5% for 2019 & 5.0% for 2020 & 2021

PROJECTED O&M IMPACT AFTER IDENTIFIED REDUCTIONS

	2017-18	2018-19	2019-20	2020-21
Public Safety Facilities	-	754,736	754,736	754,736
Library Facilities	-	100,554	200,483	200,483
Park Improvements	80,000	342,000	947,000	1,192,000
Recreation Centers	-	-	355,000	355,000
Collinwood House	17,923	17,923	17,923	17,923
Street Improvements	-	-	-	-
Total O&M Impact	\$97,923	\$1,215,213	\$2,275,142	\$2,520,142
O&M Tax Rate Impact (1.00 = ONE CENT)	0.03	0.28	0.69	0.76

*** O&M Impact anticipated to be absorbed by existing O&M tax rate due to growth in property values