

PRELIMINARY 2021 BOND REFERENDUM PROJECTS
FOR OCTOBER 26, 2020

Project	2021-22	2022-23	2023-24	2024-25	Total
<u>Public Safety Improvements</u>					
Fire Station 5 Remodel	1,000,000	8,000,000	-	-	9,000,000
O&M	-	-	33,610	-	33,610
Fire Station 8 Remodel	-	-	775,000	11,225,000	12,000,000
O&M	-	-	-	12,070	12,070
Parking Canopies	-	5,000,000	-	-	5,000,000
O&M	-	-	-	-	-
Total Public Safety Facilities Authority Needed	1,000,000	13,000,000	775,000	11,225,000	26,000,000
Total O&M	-	-	33,610	12,070	45,680
<u>Service Center Facilities</u>					
Fueling Stations	2,066,666	2,066,667	2,066,667	-	6,200,000
O&M	-	75,000	75,000	75,000	225,000
Total Service Center Facilities Authority Needed	2,066,666	2,066,667	2,066,667	-	6,200,000
Total O&M	-	75,000	75,000	75,000	225,000
<u>Existing Municipal Facilities</u>					
Police Training Academy Renovation	200,000	-	-	-	200,000
Fire Station 4 Remodeling	-	275,000	-	-	275,000
City Council Chambers Renovation	-	-	5,500,000	-	5,500,000
Future Facility Feasibility Studies	-	500,000	-	-	500,000
Justice Center Elevator Replacement	-	-	300,000	-	300,000
Schimelpfenig Library Parking Lot	-	-	190,000	-	190,000
Haggard Library Windows	-	-	500,000	-	500,000
FS 7 Overhead Doors	-	-	300,000	-	300,000
Fire Station 7 Bay Floors	80,000	-	-	-	80,000
Fire Station 2 Bay Floors	-	-	80,000	-	80,000
Schimelpfenig Library Exterior Lighting	140,000	-	-	-	140,000
Haggard Library Exterior Lighting	170,000	-	-	-	170,000
Oak Point Recreation Center Exterior Lighting	80,000	-	-	-	80,000
Parr Library Exterior Lighting	-	-	40,000	-	40,000
Parr Library Roof	700,000	-	-	-	700,000
Fire Station 4 Roof	250,000	-	-	-	250,000
Courtyard Theater Roof	600,000	-	-	-	600,000
Plano Center Roof	-	720,000	-	-	720,000
Fire Station 3 Roof	-	-	175,000	-	175,000
Day Labor Center Roof	-	-	11,400	-	11,400
Fire Station 7 Roof	-	-	-	350,000	350,000
Haggard Library Roof	-	-	-	750,000	750,000
Total Existing Municipal Facilities Authority Needed	2,220,000	1,495,000	7,096,400	1,100,000	11,911,400
<u>Park Improvements (in priority order)</u>					
Community Park Renovations	5,286,712	5,225,000	5,225,000	5,225,000	20,961,712
O&M	22,500	22,500	22,500	22,500	90,000
Neighborhood Park Renovations	2,264,292	2,250,000	2,250,000	2,250,000	9,014,292
O&M	18,750	18,750	18,750	18,750	75,000
Trail Replacements	1,625,000	1,625,000	1,625,000	1,625,000	6,500,000
O&M	-	-	-	-	-
Park Improvements	1,250,000	1,250,000	1,250,000	1,250,000	5,000,000
O&M	46,250	46,250	46,250	46,250	185,000
Recreational Trails	1,250,000	1,250,000	1,250,000	1,250,000	5,000,000
O&M	25,100	25,100	25,100	25,100	100,400
Maintenance Facility	-	1,100,000	6,000,000	6,000,000	13,100,000
O&M	-	-	-	-	-
Park Restroom Replacements	-	1,325,000	1,900,000	1,575,000	4,800,000
O&M	-	7,500	7,500	7,500	22,500
Irrigation Renovations	1,805,000	1,805,000	1,805,000	1,805,000	7,220,000
O&M	-	-	-	-	-
Red Tail Pavilion Renovation	575,000	4,425,000	-	-	5,000,000
O&M	-	25,000	-	-	25,000
Athletic Field Improvements	375,000	375,000	375,000	375,000	1,500,000

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O&M	12,500	12,500	12,500	12,500	50,000
Lighting Replacements	990,000	4,950,000	-	-	5,940,000
O&M	-	-	-	-	-
Jack Carter Park Improvements, Phase II	-	-	720,000	7,025,000	7,745,000
O&M	-	-	-	182,000	182,000
Los Rios Park Improvements, Phase II	-	-	-	6,100,000	6,100,000
O&M	-	-	-	305,000	305,000
Bruce Glasscock Park Improvements	500,000	5,500,000	-	-	6,000,000
O&M	-	275,000	-	-	275,000
Rowlett Creek Park Improvements	-	-	-	3,125,000	3,125,000
O&M	-	-	-	107,000	107,000
Archgate Park Improvements, Future Phase	-	-	2,500,000	-	2,500,000
O&M	-	-	115,000	-	115,000
Street Enhancements	375,000	375,000	375,000	375,000	1,500,000
O&M	9,750	9,750	9,750	9,750	39,000
Median Renovations	375,000	375,000	375,000	375,000	1,500,000
O&M	-	-	-	-	-
Total Park Authority Needed	16,671,004	31,830,000	25,650,000	38,355,000	112,506,004
Total O&M	134,850	442,350	257,350	736,350	1,570,900
<u>Recreation Centers</u>					
Tom Muehlenbeck Center Renovation	-	2,000,000	13,900,000	-	15,900,000
O&M	-	-	-	-	-
Total Recreation Centers Authority Needed	-	2,000,000	13,900,000	-	15,900,000
Total O&M	-	-	-	-	-
<u>Street Improvements</u>					
Alley Reconstruction	1,000,000	1,100,000	1,210,000	1,331,000	4,641,000
Arterial Concrete Street Repair - PW	12,000,000	12,000,000	12,500,000	12,975,000	49,475,000
Arterial Concrete Street Repair - ENGR	8,000,000	8,800,000	9,680,000	10,648,000	37,128,000
Bridge Inspection and Repairs	2,000,000	2,200,000	2,420,000	2,662,000	9,282,000
Collector Street Reconstruction	1,000,000	1,100,000	1,210,000	1,331,000	4,641,000
Computerized Signal System	250,000	275,000	302,500	332,750	1,160,250
Intersection Improvements	1,000,000	1,100,000	1,210,000	1,331,000	4,641,000
Miscellaneous Right of Way	10,000	11,000	12,100	13,310	46,410
Neighborhood Park Streets	200,000	220,000	242,000	266,200	928,200
New Concrete Alleys	100,000	110,000	121,000	133,100	464,100
Oversize participation	100,000	110,000	121,000	133,100	464,100
Redevelopment Street Improvements	500,000	550,000	605,000	665,500	2,320,500
Residential Street and Alley Repair - PW	8,500,000	16,750,000	22,350,000	22,500,000	70,100,000
Roadway Median Landscaping	100,000	110,000	121,000	133,100	464,100
Screening Wall Reconstruction	4,000,000	4,400,000	4,840,000	5,324,000	18,564,000
Sidewalks	2,250,000	2,475,000	2,722,500	2,994,750	10,442,250
Street lighting	100,000	110,000	121,000	133,100	464,100
Street Reconstruction	2,500,000	2,750,000	3,025,000	3,327,500	11,602,500
Traffic Signalization	1,000,000	1,100,000	1,210,000	1,331,000	4,641,000
Traffic Safety	1,375,000	1,375,000	1,375,000	1,375,000	5,500,000
O&M - PW	118,249	87,909	90,546	93,263	389,967
O&M - ENGR	215,149	217,484	224,008	230,728	887,369
Total Street Improvements Authority Needed	45,985,000	56,646,000	65,398,100	68,940,410	236,969,510
Total O&M	333,398	305,393	314,554	323,991	1,277,336
TOTAL PROJECTED AUTHORITY NEEDED	67,942,670	107,037,667	114,886,167	119,620,410	409,486,914
TOTAL O&M NEEDED (Cumulative)	468,248	822,743	680,514	1,147,411	3,118,916

<p style="text-align: center;">PRELIMINARY 2021 BOND REFERENDUM PROJECT DESCRIPTIONS</p>

DEPARTMENTAL FACILITIES

Fire Station 5 Remodeling

Remodeling and expansion, including ICC 500 storm shelter and new apparatus bay, of the fire station located at 5115 West Park Boulevard.

Fire Station 8 Remodeling

Remodeling and expansion, including ICC 500 storm shelter and new apparatus bay, of the fire station located at 4555 Hedgecoxe Road.

Parking Canopies

Installation of fabric hail canopies at the fleet services facility at 4120 West Plano Parkway and at police substations located at 7501-A Independence Parkway and 4640 McDermott Road.

Fueling Stations

Construction of fueling sites for city vehicles and equipment at three locations to be determined.

Police Training Academy Renovation

Renovation of locker rooms at the police training center located at 4912 14th Street.

Fire Station 4 Restroom Remodeling

Remodeling of restrooms at the fire station located at 6000 Roundrock Drive.

City Council Chambers Renovation

Renovation, including replacement of audio/visual equipment and improved lighting, acoustics, mobility, and accessibility, of the city council chambers in the municipal center located at 1520 K Avenue.

Future Facility Feasibility Studies

Commission of comprehensive professional feasibility studies for potential municipal facility additions.

Justice Center Elevator Replacement

Replacement of elevators in the Robinson Justice Center located at 900 East 15th Street.

Schimelpfenig Library Parking Lot

Replacement of the asphalt parking lot at the Plano Public Library Branch located at 5024 Custer Road.

Haggard Library Windows

Replacement of the windows on the north side of the Plano Public Library Branch located at 2501 Coit Road.

Fire Station 7 Overhead Doors

Replacement of overhead doors for the apparatus bay at the fire station located at 5602 Democracy Drive.

Fire Station 7 Bay Floors

Replace floor coating with non-skid surface in the apparatus bays of the fire station located at 5602 Democracy Drive.

Fire Station 2 Bay Floors

Replace floor coating with non-skid surface in the apparatus bays of the fire station located at 2630 West 15th Street.

Schimelpfenig Library Exterior Lighting

Replace existing High Intensity Discharge parking lot lighting with energy efficient LEDs and new poles at the Plano Public Library Branch located at 5024 Custer Road.

Haggard Library Exterior Lighting

Replace existing High Intensity Discharge parking lot lighting with energy efficient LEDs and new poles at the Plano Public Library Branch located at 2501 Coit Road.

Oak Point Recreation Center Exterior Lighting

Replace existing High Intensity Discharge parking lot lighting with energy efficient LEDs and new poles at the recreation center located at 6000 Jupiter Road.

Parr Library Exterior Lighting

Replace existing High Intensity Discharge parking lot lighting with energy efficient LEDs and new poles at the Plano Public Library Branch located at 6200 Windhaven Parkway.

Parr Library Roof

Replacement of the roof of the Plano Public Library Branch located at 6200 Windhaven Parkway

Fire Station 4 Roof

Replacement of the roof of the fire station located at 6000 Roundrock Drive.

Courtyard Theater Roof

Replacement of the roof of the Courtyard Theater facility located at 1509 H Avenue.

Plano Center Roof

Partial replacement of the roof of the Plano Center facility located at 2000 East Spring Creek Parkway.

Fire Station 3 Roof

Replacement of the roof of the fire station located at 3520 Sherrye Drive.

Day Labor Center Roof

Replacement of the roof of the Day Labor Center facility located at 805 Ozark Drive.

Fire Station 7 Roof

Replacement of the roof of the fire station located at 5602 Democracy Drive.

Haggard Library Roof

Replacement of the roof of the Plano Public Library Branch located at 2501 Coit Road.

PARK IMPROVEMENTS PROJECTS***Community Park Renovations***

Renovations at community parks 20 years and older. May include athletic field renovation, new playground equipment, shade shelter replacement, accessibility improvements, and restroom, lighting, and irrigation replacements. Locations may include Hoblitzelle East, Horseshoe, Windhaven, Arbor Hills Nature Preserve playground, Schell North, and Bob Woodruff North.

Neighborhood Park Renovations

Renovations at neighborhood parks 20 years and older. May include new playground equipment, shade shelter replacement, accessibility improvements, and lighting and irrigation replacements. Locations may include Longhorn, Steeplechase, Tejas, Cottonwood Creek Greenbelt (at Springhurst), and Sunset.

Trail Replacements

Replace trail segments in poor condition. Locations may include Chisholm Trail Underpass at Spring Creek Parkway, Santa Fe Trail, Bob Woodruff North, Bob Woodruff South, and Hoblitzelle East.

Park Improvements

Continued development of parks throughout the city to include sidewalk completions, park walkways, trees, playground expansions, lighting, benches, restrooms, picnic areas and other related park improvements. Includes funding to respond to public requests or to respond to needs that are unforeseen at the time of bond creation. Includes funding to master plan future parks/facilities and to conduct studies/analyses where needed.

Recreational Trails

Continued development of the recreational trail system throughout the City in accordance with the Parks, Recreation, Trails & Open Space Master Plan and the Bicycle Transportation map.

Maintenance Facility

A maintenance facility east of 75 to replace the 40 year old Schell Maintenance Facility.

Park Restroom Replacements

Replace aging and poorly performing restrooms. Locations may include High Point, Enfield north and south.

Irrigation Renovations

Renovate poorly functioning, inefficient park irrigation systems and associated turf areas. Locations may include Shawnee, Timberbrook, Shoshoni, Wagon Wheel, Lonestar, Hackberry, and Eldorado.

Red Tail Pavilion Renovation and Improvements

Additional improvements at the amphitheater including updated facility signage, additional seating, dressing rooms, concession /ticketing area, storage building, a

permanent stage structure, additional restrooms, shaded picnic areas, and related improvements.

Athletic Field Improvements

Improvements may include additional fencing, restroom improvements, new irrigation systems, additional spectator fabric shade structures and related improvements at existing athletic sites.

Lighting Replacements

Replacement of aging athletic field lighting. Locations include Enfield and Carpenter 7 & 8.

Jack Carter Park, Phase II

Continued park development in accordance with the site Master Plan developed in cooperation with area residents in 2018. Improvements identified on the site Master Plan may include improved playing fields, pavilion, restroom, pickle ball, volley ball, multi-use court, landscape, and lighting.

Los Rios Park, Phase II

Continued park development in accordance with the site Master Plan developed in cooperation with area residents. Improvements identified on the site Master Plan may include expanded trail connections, playground, pavilion, restroom, trees, and irrigation.

Bruce Glasscock Park

Development of a new park in accordance with the site Master Plan developed in cooperation with area residents in 2019. Improvements identified on the site Master Plan may include sidewalks, walkways, pavilion, landscape, irrigation, seating and lighting.

Rowlett Creek Park (formerly FM 544 Park Site)

Development of a new park along FM544 on the east side of Rowlett Creek per the Parks, Recreation, Trails & Open Space Master Plan; no site Master Plan developed yet.

Archgate Park Improvements, Phase II

Continued development of Archgate Park in accordance with the site Master Plan to include an outdoor sand volleyball facility and related improvements.

Street Enhancements

Enhanced median and street landscaping at selected locations throughout the City.

Median Renovations

Renovated median landscaping at selected locations throughout the City.

RECREATION CENTER PROJECTS

Tom Muehlenbeck Recreation Center Renovation

Additional improvements at the Tom Muehlenbeck Center to update the facility including fire, sound, lighting and irrigation systems, a roof replacement, parking lot light replacements, updated interior paint and flooring, interior pool deck, slide and play

feature replacement, exterior pool equipment and shade structure replacement and some minor building modifications.

STREET IMPROVEMENT PROJECTS

Alley Reconstruction

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

Arterial Concrete Street Repair – PW

Pavement repair of streets and sidewalks on divided thoroughfares throughout Plano.

Arterial Concrete Street Repair - ENGR

Reconstruction of arterial streets throughout Plano.

Bridge Inspection & Repairs

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

Collector Street Construction

Construction of collector roadways

Computerized Signal System

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

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

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

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

New Concrete Alleys

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

Oversize Participation

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

Redevelopment Street Improvements

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.

Residential Street and Alley Repair - PW

Pavement repairs on streets, alleys and sidewalks within residential neighborhoods.

Roadway Median Landscaping

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

Screening Wall Reconstruction

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

Sidewalks

Installation of new sidewalks as necessary at locations throughout Plano.

Street Lighting

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

Street Reconstruction

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

Traffic Signalization

Construction of new traffic signals at locations to be determined.

Traffic Safety

Technology safety improvements include intersection improvements, pedestrian safety and accessibility measures, and neighborhood traffic calming improvements.