

**PRELIMINARY 2021 BOND REFERENDUM PROJECTS**  
**FOR DECEMBER 14, 2020**

Project	2021-22	2022-23	2023-24	2024-25	Total
<b><u>Public Safety Improvements</u></b>					
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	-	10,000	10,000	10,000	30,000
<b>Total Public Safety Facilities Authority Needed</b>	<b>1,000,000</b>	<b>13,000,000</b>	<b>775,000</b>	<b>11,225,000</b>	<b>26,000,000</b>
<b>Total O&amp;M</b>	<b>-</b>	<b>10,000</b>	<b>43,610</b>	<b>22,070</b>	<b>75,680</b>
<b><u>Service Center Facilities</u></b>					
Fueling Stations	2,066,666	2,066,667	2,066,667	-	6,200,000
O&M	-	75,000	75,000	75,000	225,000
<b>Total Service Center Facilities Authority Needed</b>	<b>2,066,666</b>	<b>2,066,667</b>	<b>2,066,667</b>	<b>-</b>	<b>6,200,000</b>
<b>Total O&amp;M</b>	<b>-</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>225,000</b>
<b><u>Existing Municipal Facilities</u></b>					
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
O&M	(416)	(416)	(416)	(416)	(1,664)
Haggard Library Exterior Lighting	170,000	-	-	-	170,000
O&M	(1,034)	(1,034)	(1,034)	(1,034)	(4,136)
Oak Point Recreation Center Exterior Lighting	80,000	-	-	-	80,000
O&M	(1,332)	(1,332)	(1,332)	(1,332)	(5,328)
Parr Library Exterior Lighting	-	-	40,000	-	40,000
O&M	-	-	(541)	(541)	(1,082)
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
<b>Total Existing Municipal Facilities Authority Needed</b>	<b>2,220,000</b>	<b>1,495,000</b>	<b>7,096,400</b>	<b>1,100,000</b>	<b>11,911,400</b>
<b>Total O&amp;M</b>	<b>(2,782)</b>	<b>(2,782)</b>	<b>(3,323)</b>	<b>(3,323)</b>	<b>(12,210)</b>
<b><u>Park Improvements (in priority order)</u></b>					
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	-	-	-	-	-

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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
O&M	-	-	-	-	-
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
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	-	-	-	-	-
<b>Total Park Authority Needed</b>	<b>16,671,004</b>	<b>31,830,000</b>	<b>23,150,000</b>	<b>35,230,000</b>	<b>106,881,004</b>
<b>Total O&amp;M</b>	<b>76,100</b>	<b>383,600</b>	<b>83,600</b>	<b>570,600</b>	<b>1,113,900</b>
<b><u>Recreation Centers</u></b>					
Tom Muehlenbeck Center Renovation	-	2,000,000	13,900,000	-	15,900,000
O&M	-	-	-	-	-
<b>Total Recreation Centers Authority Needed</b>	<b>-</b>	<b>2,000,000</b>	<b>13,900,000</b>	<b>-</b>	<b>15,900,000</b>
<b>Total O&amp;M</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Street Improvements</u></b>					
Alley Reconstruction	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
Arterial Concrete Street Reconstruction and Overlay	25,000,000	25,000,000	25,000,000	25,000,000	100,000,000
Intersection Improvements	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Residential Street and Alley Repair	17,500,000	17,500,000	17,500,000	17,500,000	70,000,000
Residential and Collector Street Reconstruction	6,000,000	6,000,000	6,000,000	6,000,000	24,000,000
Screening Wall Reconstruction	4,000,000	4,000,000	4,000,000	4,000,000	16,000,000
Sidewalks	1,250,000	1,250,000	1,250,000	1,250,000	5,000,000
Traffic Improvements	3,000,000	3,000,000	3,000,000	3,000,000	12,000,000
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
<b>Total Street Improvements Authority Needed</b>	<b>59,250,000</b>	<b>59,250,000</b>	<b>59,250,000</b>	<b>59,250,000</b>	<b>237,000,000</b>
<b>Total O&amp;M</b>	<b>333,398</b>	<b>305,393</b>	<b>314,554</b>	<b>323,991</b>	<b>1,277,336</b>
<b>TOTAL PROJECTED AUTHORITY NEEDED</b>	<b>81,207,670</b>	<b>109,641,667</b>	<b>106,238,067</b>	<b>106,805,000</b>	<b>403,892,404</b>
<b>TOTAL O&amp;M NEEDED (Cumulative)</b>	<b>406,716</b>	<b>771,211</b>	<b>513,441</b>	<b>988,338</b>	<b>2,679,706</b>

<p style="text-align: center;"><b>PRELIMINARY 2021 BOND REFERENDUM PROJECT DESCRIPTIONS</b></p>
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**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 14<sup>th</sup> 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 15<sup>th</sup> 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 15<sup>th</sup> 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.

#### ***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 or construction of new alleys in existing residential areas. Funding will be transferred to specific projects as they are identified.

***Arterial Concrete Street Reconstruction and Overlay – PW***

Concrete pavement repair of streets, bridges, and sidewalks on divided thoroughfares throughout Plano. Ultra-thin asphalt overlay may be included with street repairs. Funding will be transferred to specific projects as they are identified.

***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.

***Residential and Collector Street Reconstruction***

Reconstruction of residential and collector roadways throughout Plano.

***Residential Street & Alley Repair - PW***

Pavement repairs on streets, alleys, bridges and sidewalks within residential neighborhoods. Funding will be transferred to specific projects as they are identified.

***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. Funding will be transferred to specific projects as they are identified.

***Traffic Improvements***

Improvements include construction of new traffic signals, intersection improvements, pedestrian safety and accessibility measures, neighborhood traffic calming improvements, installation of conduit and concrete bases for street lighting along major thoroughfares, and computerized signal system improvements to include installation of video cameras at critical intersections with wireless communication links to the Traffic Management Center.