1

Presentation

- COVID-19
- Pflugerville History
- Growth
- Planning for the Pfuture
- Utility Projects
- Transportation Projects
- 2020 Bond Election
- Get to know Pflugerville Team

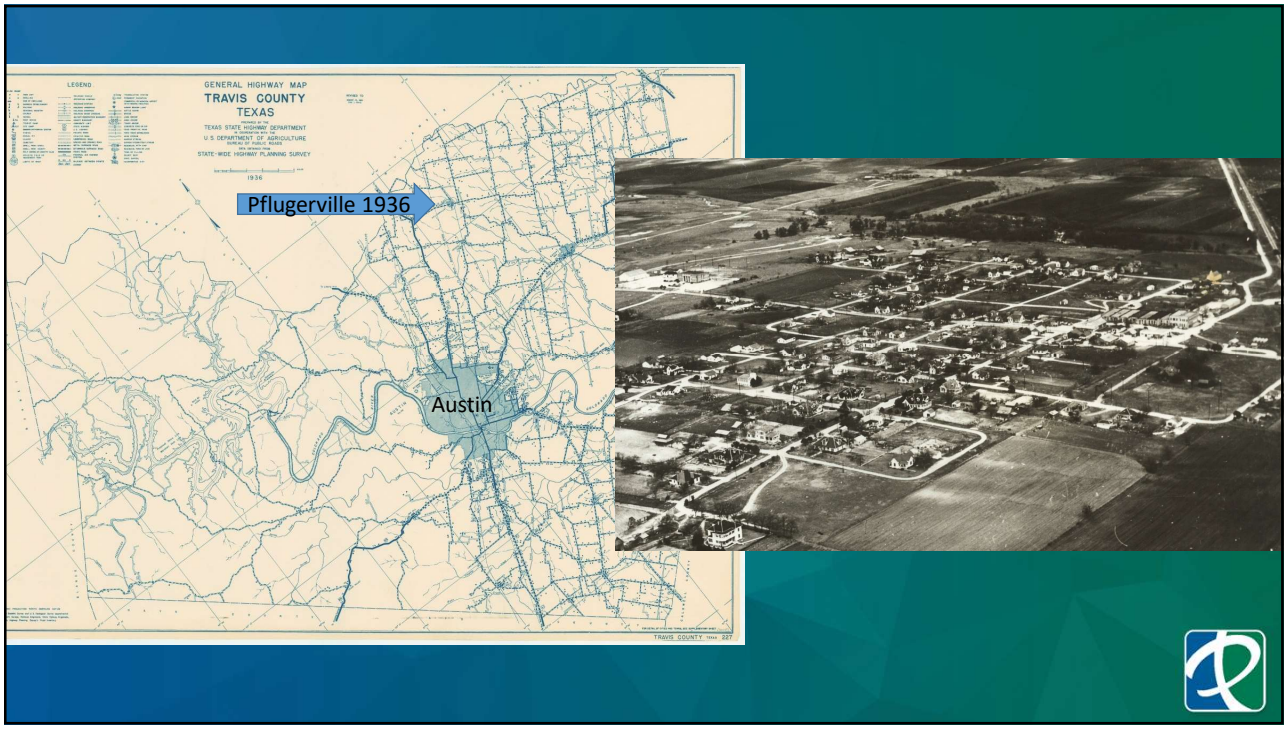
2

DON'T
PFORGET
WEAR
YOUR
MASK!
pflugervilletx.gov/reopen
PFLUGERVILLE

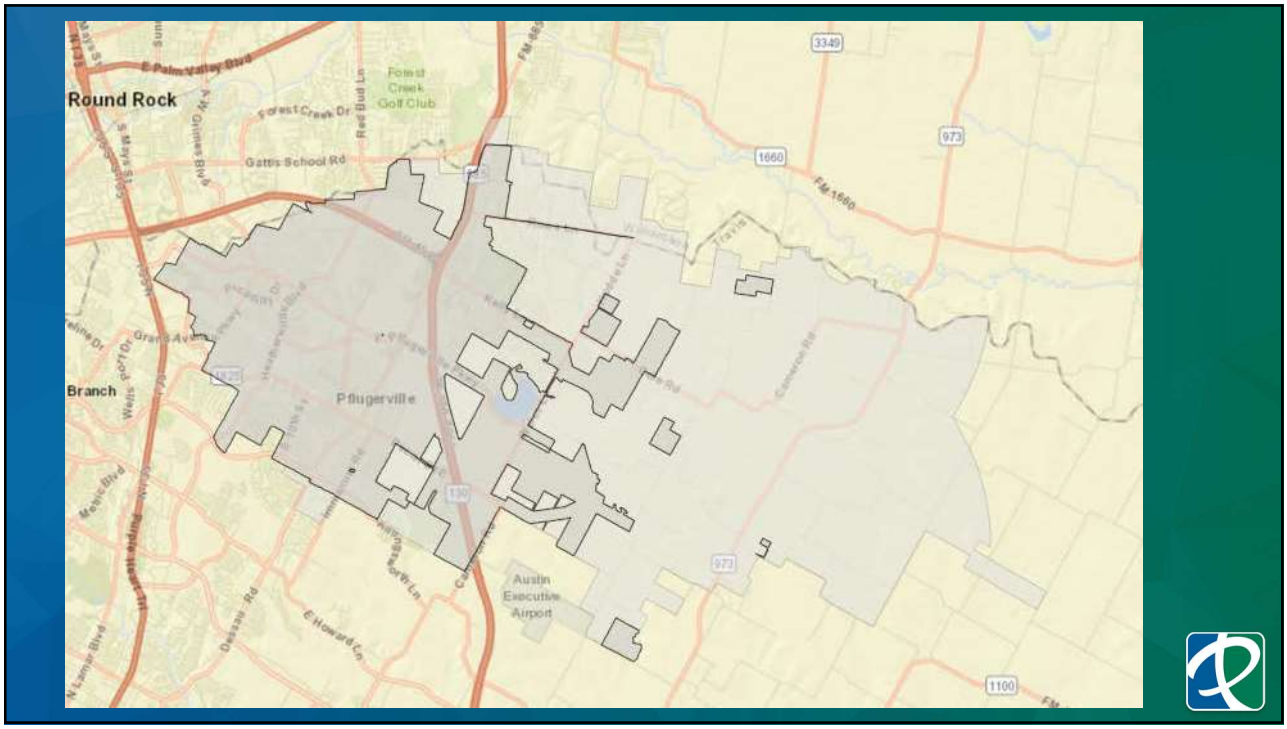
3

A mask is
required in
public areas
of this facility.
pflugervilletx.gov/virus

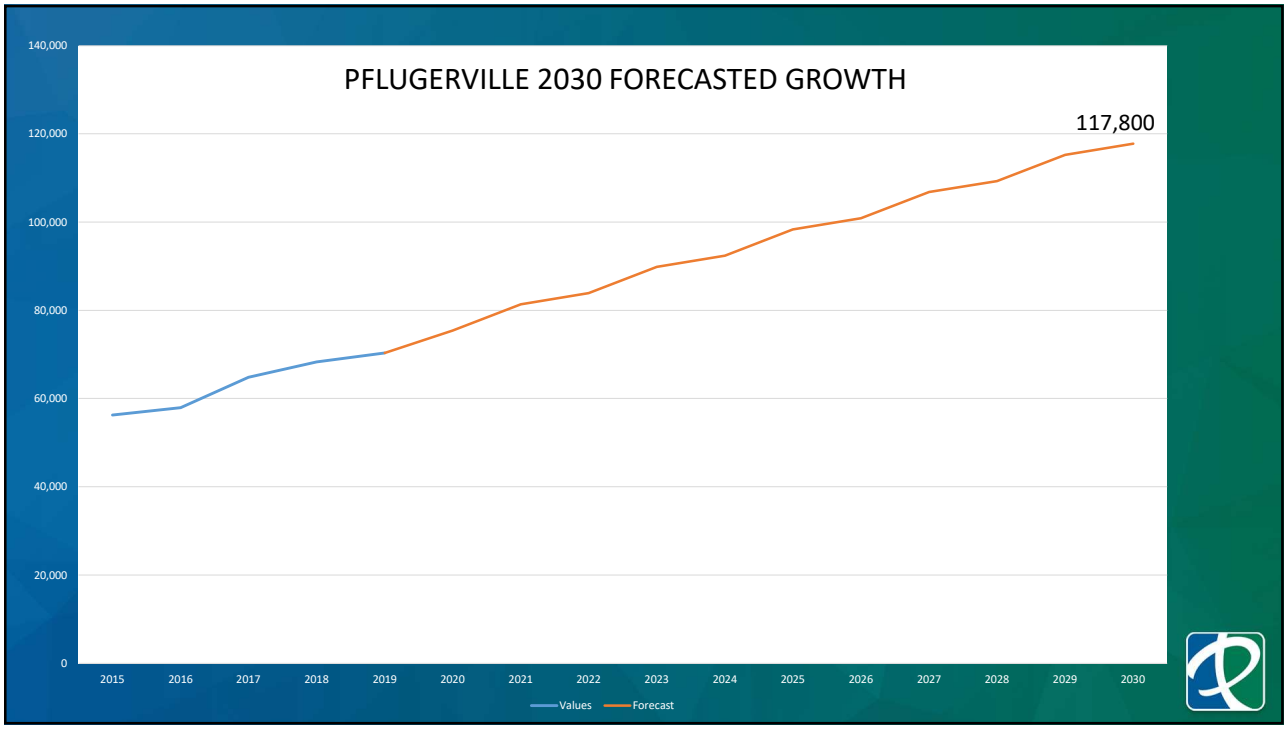
4


GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
1936
Pflugerville 1936
Austin

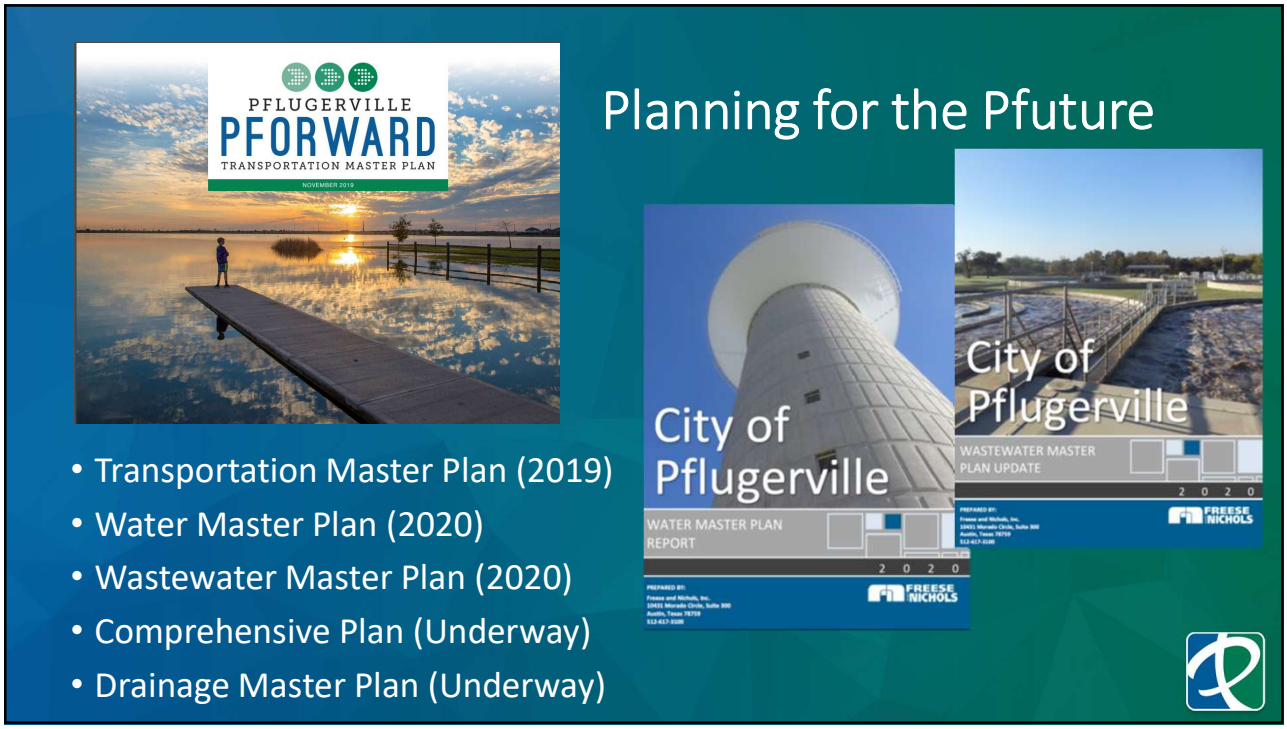
5


Round Rock
Forest Creek Golf Club
Gattis School Rd
Pflugerville
Austin Executive Airport
3349
973
1660
1100

6


PFLUGERVILLE 2030 FORECASTED GROWTH
117,800
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
Values
Forecast

7

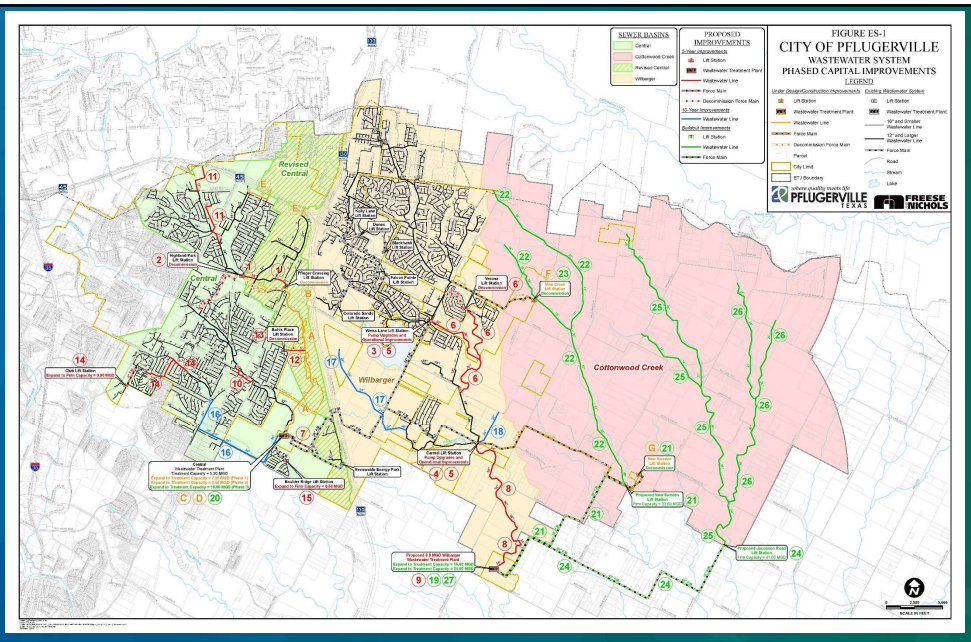

PFLUGERVILLE
PFORWARD
TRANSPORTATION MASTER PLAN
NOVEMBER 2019
Planning for the Pfuture
• Transportation Master Plan (2019)
• Water Master Plan (2020)
• Wastewater Master Plan (2020)
• Comprehensive Plan (Underway)
• Drainage Master Plan (Underway)
City of Pflugerville
WATER MASTER PLAN REPORT
2020
FREESE NICHOLS
City of Pflugerville
WASTEWATER MASTER PLAN UPDATE
2020
FREESE NICHOLS

8

Wastewater Projects	Total Cost Estimate	FY 2020 Projected	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Capacity Expansion							
1 Central WWTP Capacity Expansion Phase 1	$ 44,038,658	$ 12,000,000	$ 20,000,000	$ 6,915,298	$ -	$ -	$ -
2 Central WWTP Capacity Expansion Phase 2	18,560,000	-	1,500,000	6,000,000	7,000,000	4,060,000	-
3 Carmel Lift Station Pump Upgrades	350,000	-	350,000		-	-	-
4 Weiss Lane and Carmel Lift Stations Operational Improvements	1,840,000	250,000	954,000	512,461	-	-	-
5 15" Gilleland Creek Interceptor	1,036,300	-	-	-	300,000	376,000	360,300
6 Club Lift Station Expansion	4,059,000	-	-	-	500,000	1,700,000	1,859,000
7 Boulder Ridge Lift Station Expansion	552,300	-	-	-	220,920	169,900	161,480
Lift Station Removal							
8 Decommission Pfluger Crossing Lift Station	306,800	-	306,800	-	-	-	-
9 Decommission Highland Park Lift Station	456,800	-	250,000	206,800	-	-	-
10 Decommission Bohls Place Lift Station	306,800	-	150,000	156,800	-	-	-
Development Driven Improvements							
11 SH 45/SH 130 Tunnel (extend service to north)	2,229,200	450,000	990,000	535,622	-	-	-
12 West SH 130 Interceptor Phase 1 & 2	16,480,000	3,600,000	8,400,000	3,091,485	-	-	-
13 Sorento Interceptor Phase 2	4,585,200	-	638,000	3,947,200	-	-	-
14 Highland Park Interceptor (30"/24")	1,794,800	297,122	898,257	599,421	-	-	-
15 Wilbarger Creek Interceptor (54")	25,007,300	300,000	4,706,095	12,600,723	4,040,289	3,360,193	-
16 8.0 MGD Wilbarger Wastewater Treatment Plant	115,440,000	1,500,000	34,127,572	25,632,000	21,551,000	21,552,000	11,076,845
17 North Central Basin Interceptors (21"/12")	2,839,500	-	-	-	425,925	1,448,145	965,430
18 Bohls Place Interceptor (8")	652,000	-	97,800	554,200	-	-	-
System Rehabilitation							
19 System Rehabilitiation Projects R1-R5	4,095,000	-	650,000	2,000,000	1,326,800	118,200	-
Total Wastewater Projects		**$ 18,397,122**	**$ 74,018,524**	**$ 62,752,010**	**$ 35,364,934**	**$ 32,784,438**	**$ 14,423,055**

Wastewater CIP Projects

9



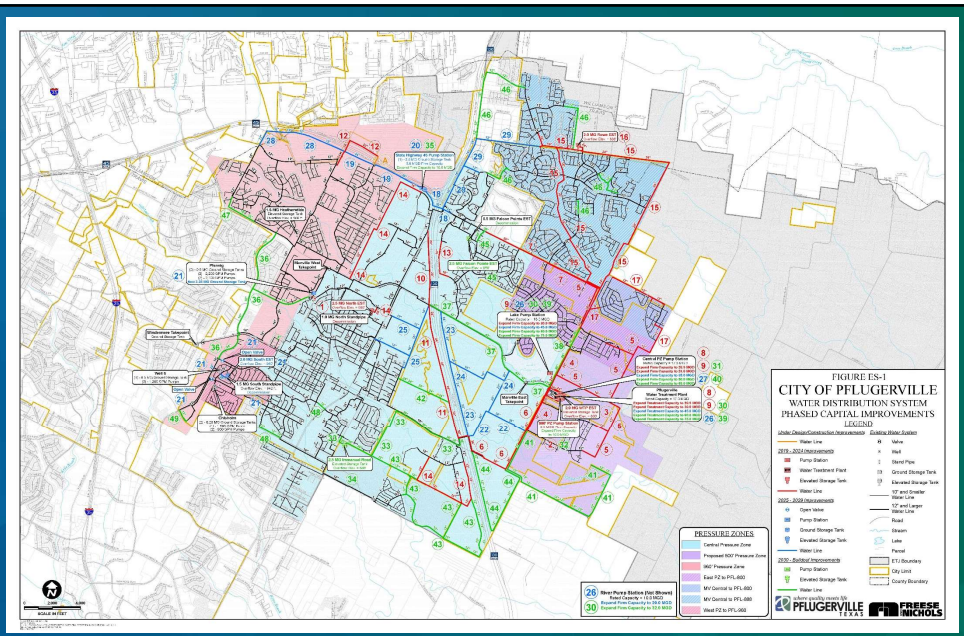
Wastewater CIP Projects

10

Water Projects	Total Cost Estimate	FY 2020 Projected	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
System Strength & Reliability							
1 Pump Station at Water Treatment Plant	$ 7,897,100	$ 300,000	$ 1,404,632	$ 2,616,700	$ 2,716,700	859,068	$ -
2 Water Treatment Plant Expansion to 20.5 MGD	6,000,000	1,500,000	1,700,000	2,300,000	500,000	-	-
3 Water Treatment Plant, High Service Pump Station, Lake Pump Station Expansion, Pretreatment Trains to 30 MGD	43,750,000	250,000	3,000,000	10,500,000	30,000,000	-	-
4 Colorado Sand Drive Looping (16")	1,001,500	300,000	601,500	100,000	-	-	-
5 Looping Improvements in Central Pressure Zone (16"/12")	6,615,000	-	-	-	860,000	3,775,000	1,980,000
6 Water Treatment Plant Emergency Generator Power System	7,705,000	600,000	4,005,000	3,100,000	-	-	-
7 Water Treatment Plant, Lake Pump Station Expansion to 45MGD; and River PS to 30.0 MGD	56,943,300	-	-	-	-	-	3,500,000
Storage							
8 Heatherwilde Elevated Storage (Swenson Farms PRV)	175,000	175,000	-	-	-	-	-
9 2.0 MG Elevated Storage Tank (800 Pressure Plane)	7,993,500	200,000	1,000,000	4,700,000	2,093,500	-	-
10 2.5 MG North Elevated Storage Tank	9,170,700	200,000	2,000,000	4,783,706	2,186,994	-	-
11 2.0 MG Elevated Storage Tank (Rowe Ln)	7,286,500	-	-	1,092,975	3,716,115	2,477,410	-
12 5.0 MGD SH45 Pump Station & 3.5 MG GST	12,005,100	-	-	-	-	-	1,440,000
13 2.0 MG South Elevated Storage Tank, West/960' PZ Construction, and 3.5 MG Pfennig Ground Storage Tank	11,474,100	-	-	-	-	1,712,115	3,904,794
Distribution							
14 SH 45 Water Extension and Interconnect	854,400	165,000	621,238	-	-	-	-
15 Water Lines to Convert East Pressure Zone to 800' Pressure Zone (30"/24"/20"/16")	2,931,900	-	439,785	1,495,269	996,846	-	-
16 Water Lines in New 800' Pressure Zone (16"/12")	6,854,300	-	1,028,145	3,495,693	1,864,397	466,065	-
17 Weiss Lane/Pecan Street Water Lines (42"/36")	10,531,300	1,579,700	6,713,700	2,237,900	-	-	-
18 Weiss Lane/Kelly Lane Water Lines (36"/30")	9,377,400	-	500,000	8,877,400	-	-	-
19 State Highway 130 Water Line (20")	2,196,700	-	600,000	1,317,540	279,160	-	-
20 State Highway 130 Water Lines (30"/24")	5,846,500	-	877,000	3,727,148	1,242,352	-	-
21 State Highway 45 Water Lines (24"/20")	2,453,900	-	368,100	2,085,800	-	-	-
22 Water Lines to Convert Manville 900' Pressure Zone to 800' Pressure Zone (12"/8")	3,398,200	-	-	-	509,730	2,888,470	-
23 Water Lines to Convert Manville 900' Pressure Zone to Central Pressure Zone (24"/16"/12")	13,589,800	-	-	-	2,038,470	6,930,798	4,620,532
Miscelleaneous System Improvements							
24 Manville Water Line (MUD 5 Agreement)	1,600,000	1,600,000	-	-	-	-	-
25 Colorado River Intake Screen Sourcing System	690,000	150,000	540,000	-	-	-	-
26 Conversion of Water Meters to AMI	8,000,000	-	3,000,000	4,000,000	1,000,000	-	-
27 Zebra Mussel Chemical Control Systems	526,000	498,700	-	-	-	-	-
28 South Standpipe Tank Rehabilitation	600,000	600,000	-	-	-	-	-
29 Well 5 GSTs Rehabilitation	350,000	-	-	350,000	-	-	-
30 Clear Well 1 Rehabilitation	800,000	-	-	-	800,000	-	-
31 Pfennig GSTs Rehabilitation	600,000	-	-	-	-	600,000	-
32 CCN Acquisition	4,800,000	4,800,000	-	-	-	-	-
System Rehabilitation							
33 System Rehabilitiation Projects R1-R12	4,545,600	-	85,400	777,700	485,000	704,365	2,493,135
Total Water Projects		$ 12,918,400	$ 28,484,500	$ 57,557,831	$ 51,289,264	$ 20,413,291	$ 17,938,461

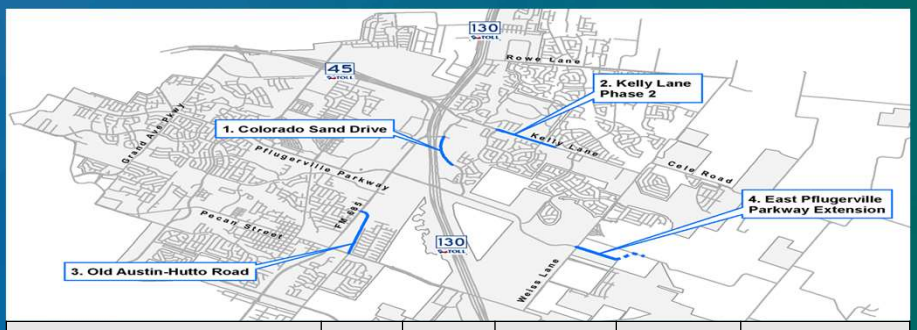
Water CIP Projects

11



Water CIP Projects

12



Project	Design	ROW	Public Mtg.	Anticipated Design Pfinish	Anticipated Bid Date
E. Pflugerville Parkway/Jesse Bohls Realignment	90%	0%	Complete	Schematic December 2020	December 2021
Kelly Lane Phase 2	95%	35%	1st Mtg – 5/20, 2nd Mtg Spring 2020	December 2020	June 2021
Colorado Sand Drive	20%	25%	TBD	May 2021	June 2021
Old Austin Hutto Road	100%	100%	Complete	Complete	Construction contract CC approval 10/27

2018 GO Bond Projects

13

2018 CO Bond Projects

Project	Design	ROW	Public Mtg.	Anticipated Design Pfinish	Anticipated Bid Date
Kelly Lane Phase 3 (Schematic Only)	10%	NA	1st Mtg – 5/20, 2nd Mtg - Spring 2020	January 2021	2020 Bond Election Project
Pecan Street at FM 685	95%	NA	TBD	October 2020	November 2020
Pecan Street at Heatherwilde	100%	NA	NA	Complete	December 2020
E. Pflugerville Parkway (Colorado Sand to Weiss Lane) Schematic	90%	TBD	Complete	December 2020	2020 Bond Election Project
Central Commerce, Picadilly	60%	NA	December 2020	December 2020	2020 Bond Election Project
Melber Lane	15%	0%	NA	August 2021	September 2021
Rowe Lane at FM 685	90%	75%	NA	December 2020	February 2021
Royston	60%	NA	December 2020	December 2020	Unfunde

14

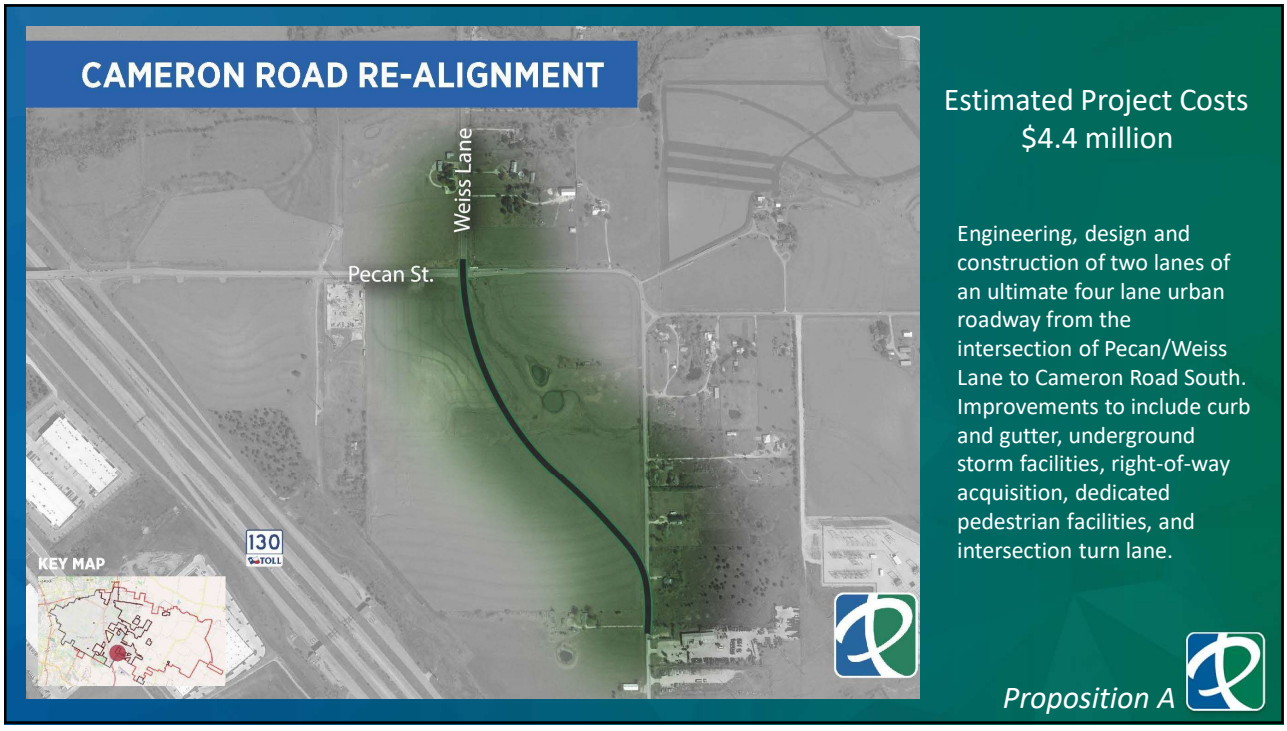
Other Transportation Projects					
Project	**Design**	**ROW**	**Public Mtg.**	**Anticipated Design Pfinish**	**Anticipated Bid Date**
CDBG: Yellow Sage	100%	NA	NA	November 2020	December 2020
Historic Colored Addition Infrastructure	60%	TBD	November 2020	December 2020	2020 Bond Election Project
Geyser Drainage	90%	NA	NA	December 2020	December 2020
Justice Center Parking Lot	20%	NA	NA	December 2020	January 2021
TxDOT Signal Design Ph. 1	5%	TBD	NA	March 2021	TBD

15

16

2020
BOND
ELECTION
Proposition A
Transportation
$101.7M

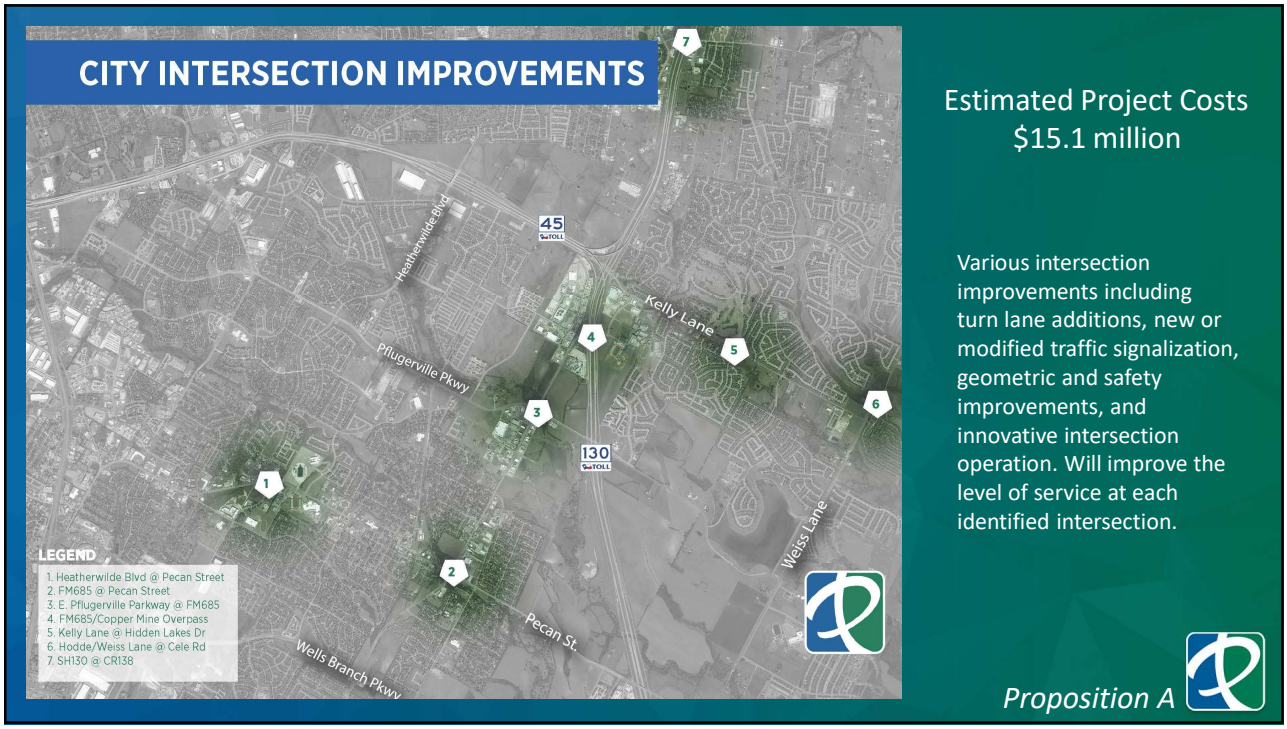
17


CAMERON ROAD RE-ALIGNMENT
Weiss Lane
Pecan St.
130
TOLL
KEY MAP
Estimated Project Costs
$4.4 million
Engineering, design and construction of two lanes of an ultimate four lane urban roadway from the intersection of Pecan/Weiss Lane to Cameron Road South. Improvements to include curb and gutter, underground storm facilities, right-of-way acquisition, dedicated pedestrian facilities, and intersection turn lane.
Proposition A

18

CENTRAL COMMERCE DRIVE IMPROVEMENTS
Picadilly Dr
Royston Ln
KEY MAP
Estimated Project Costs
$2.6 million
Construction of a three lane roadway from Picadilly Drive to Royston Lane. Improvements to include curb and gutter, underground storm facilities, dedicated pedestrian facilities, intersection turn lane improvements and driveway improvements. Engineering design of the roadway improvements is complete.
Proposition A

19


CITY INTERSECTION IMPROVEMENTS
Heatherwilde Blvd
Pflugerville Pkwy
Kelly Lane
Weiss Lane
Pecan St.
Wells Branch Pkwy
45
130
LEGEND
1. Heatherwilde Blvd @ Pecan Street
2. FM685 @ Pecan Street
3. E. Pflugerville Parkway @ FM685
4. FM685/Copper Mine Overpass
5. Kelly Lane @ Hidden Lakes Dr
6. Hodde/Weiss Lane @ Cele Rd
7. SH130 @ CR138
Estimated Project Costs
$15.1 million
Various intersection improvements including turn lane additions, new or modified traffic signalization, geometric and safety improvements, and innovative intersection operation. Will improve the level of service at each identified intersection.
Proposition A

20

E. PECAN STREET IMPROVEMENTS
Weiss Lane
130
TOLL
KEY MAP
Estimated Project Costs
$3.7 million
Engineering design, utility relocation and right-of-way acquisition for a future six lane urban roadway with raised center median from Sun Light Near Way to Weiss Lane. Includes for design of a new bridge crossing SH130 and additional three lanes from SH130 to Weiss Lane. Construction of improvements not included in the project total.
Proposition A

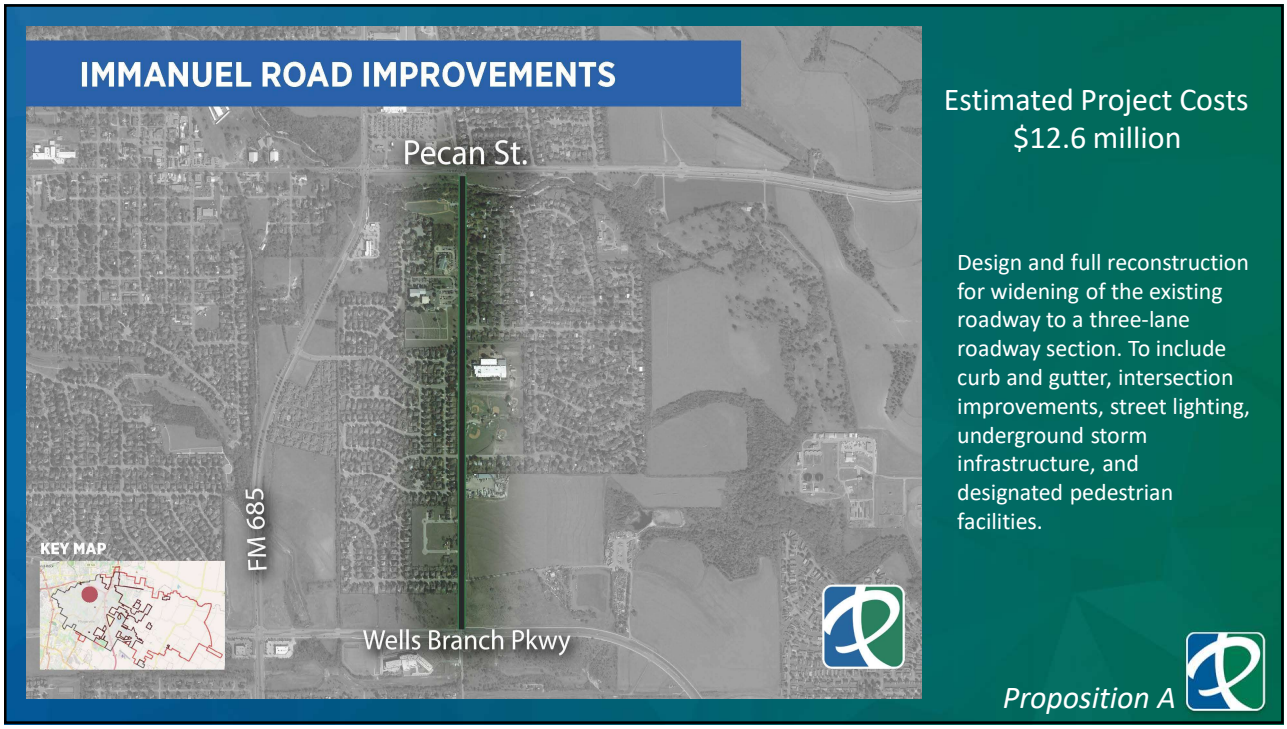
21

E. PFLUGERVILLE PARKWAY IMPROVEMENTS
Colorado Sand Dr.
Becker Farm Rd.
Weiss Lane
130
KEY MAP
Estimated Project Costs
$2.3 million
Engineering design, utility relocation and right-of-way acquisition for a future four lane urban roadway with raised center median from Sun Light Near Way to Weiss Lane. Includes for design of a new bridge crossing SH130 and additional three lanes from SH130 to Weiss Lane. Construction of improvements not included in the project total.
Proposition A

22

FM685 CORRIDOR IMPROVEMENTS
Pflugerville Pkwy
130
Pecan St.
KEY MAP
Estimated Project Costs
$5.8 million
Corridor study and preliminary engineering and design. The project includes lane alignment, right-of-way acquisition for future improvements, utility relocation and coordination and surveying. Construction of improvements not included in the project total.
Proposition A

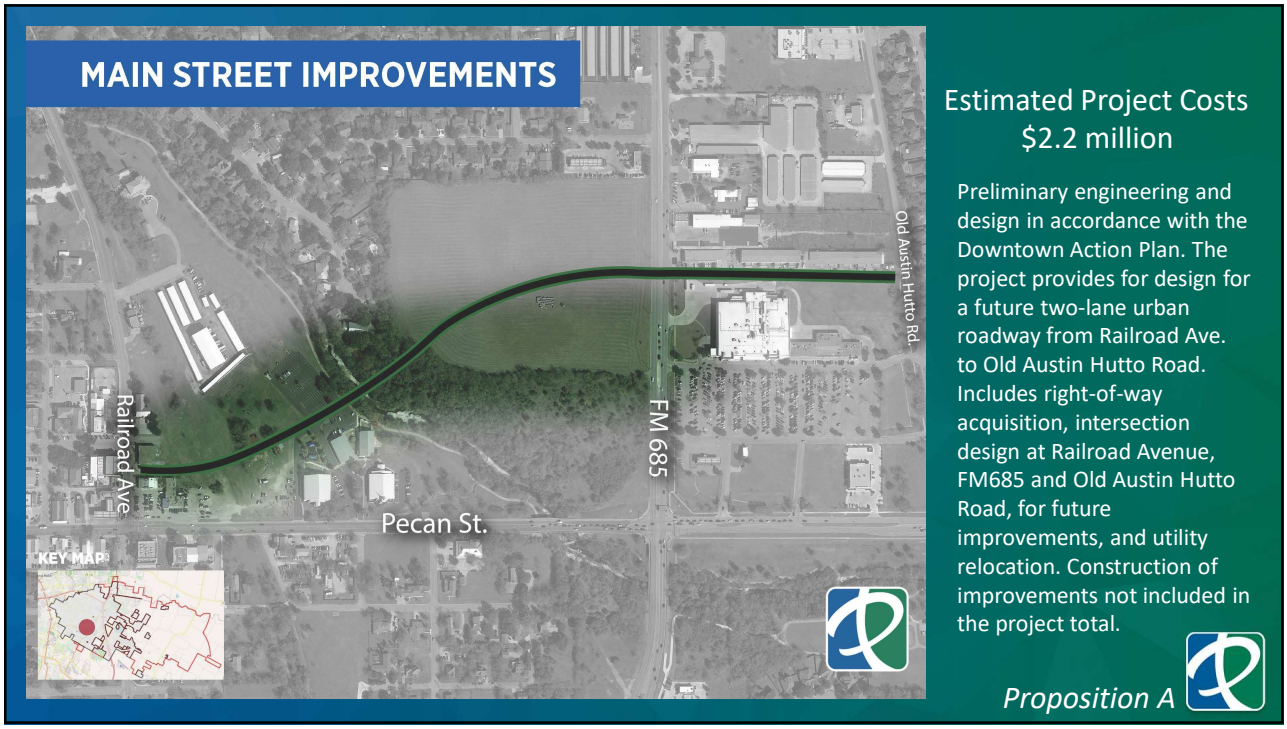
23


IMMANUEL ROAD IMPROVEMENTS
Pecan St.
FM 685
Wells Branch Pkwy
KEY MAP
Estimated Project Costs
$12.6 million
Design and full reconstruction for widening of the existing roadway to a three-lane roadway section. To include curb and gutter, intersection improvements, street lighting, underground storm infrastructure, and designated pedestrian facilities.
Proposition A

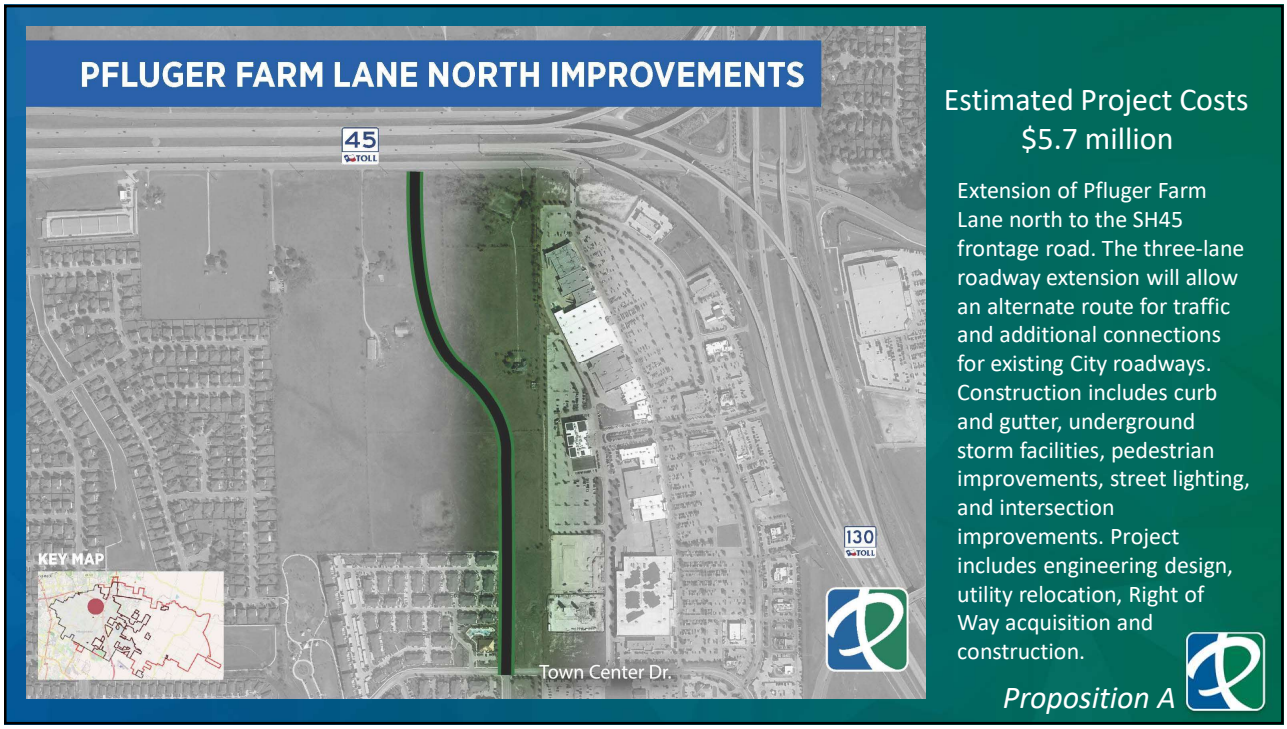
24

KELLY LANE PHASE 3 IMPROVEMENTS
Moorlynch Ave
Hidden Lakes Blvd
Weiss Lane
KEY MAP
Estimated Project Costs
$14.3 million
Construction of a four-lane roadway with center median from Moorlynch Ave to Cele Rd. Incorporates re-alignment of current intersection at Weiss Lane. Construction includes curb and gutter, underground storm facilities, pedestrian improvements, street lighting, and traffic signalization. Project includes engineering design, utility relocation, Right of Way acquisition and construction.
Proposition A

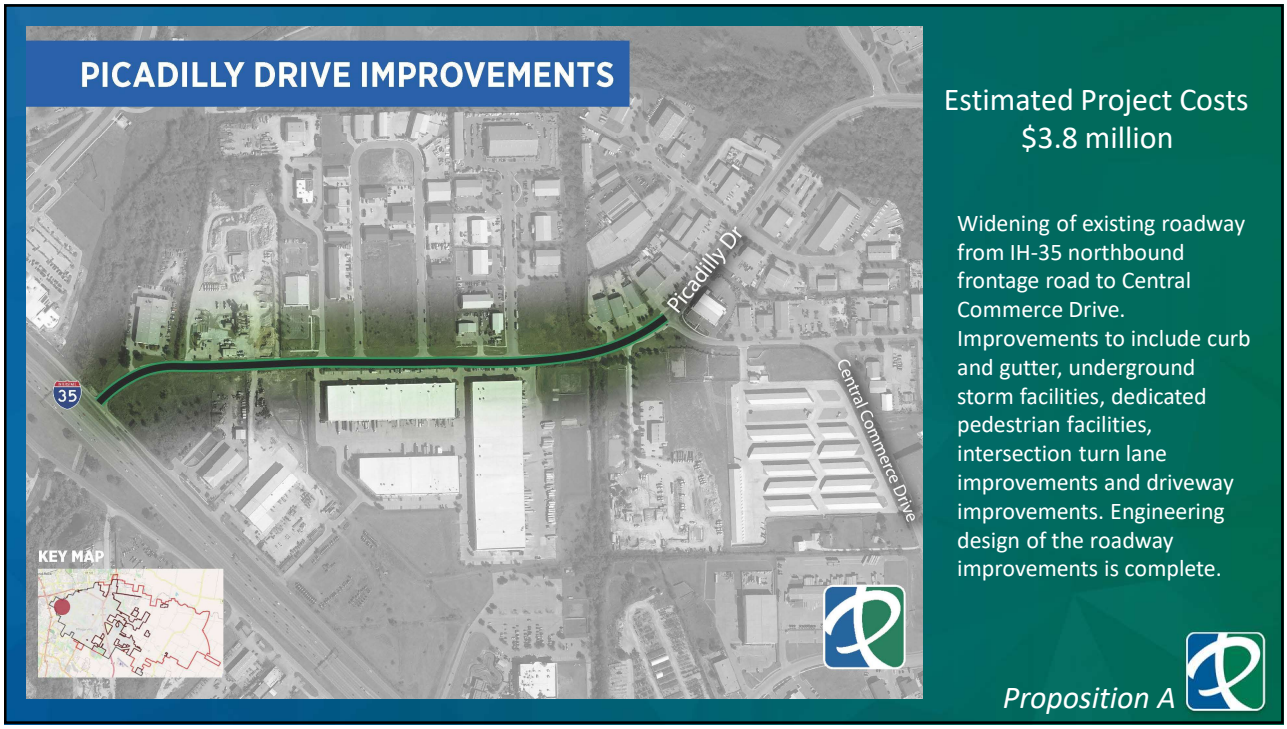
25


MAIN STREET IMPROVEMENTS
Railroad Ave
Pecan St.
FM 685
Old Austin Hutto Rd.
KEY MAP
Estimated Project Costs
$2.2 million
Preliminary engineering and design in accordance with the Downtown Action Plan. The project provides for design for a future two-lane urban roadway from Railroad Ave. to Old Austin Hutto Road. Includes right-of-way acquisition, intersection design at Railroad Avenue, FM685 and Old Austin Hutto Road, for future improvements, and utility relocation. Construction of improvements not included in the project total.
Proposition A

26


PFLUGER FARM LANE NORTH IMPROVEMENTS
45
TOLL
130
TOLL
KEY MAP
Town Center Dr.
Estimated Project Costs
$5.7 million
Extension of Pfluger Farm Lane north to the SH45 frontage road. The three-lane roadway extension will allow an alternate route for traffic and additional connections for existing City roadways. Construction includes curb and gutter, underground storm facilities, pedestrian improvements, street lighting, and intersection improvements. Project includes engineering design, utility relocation, Right of Way acquisition and construction.
Proposition A

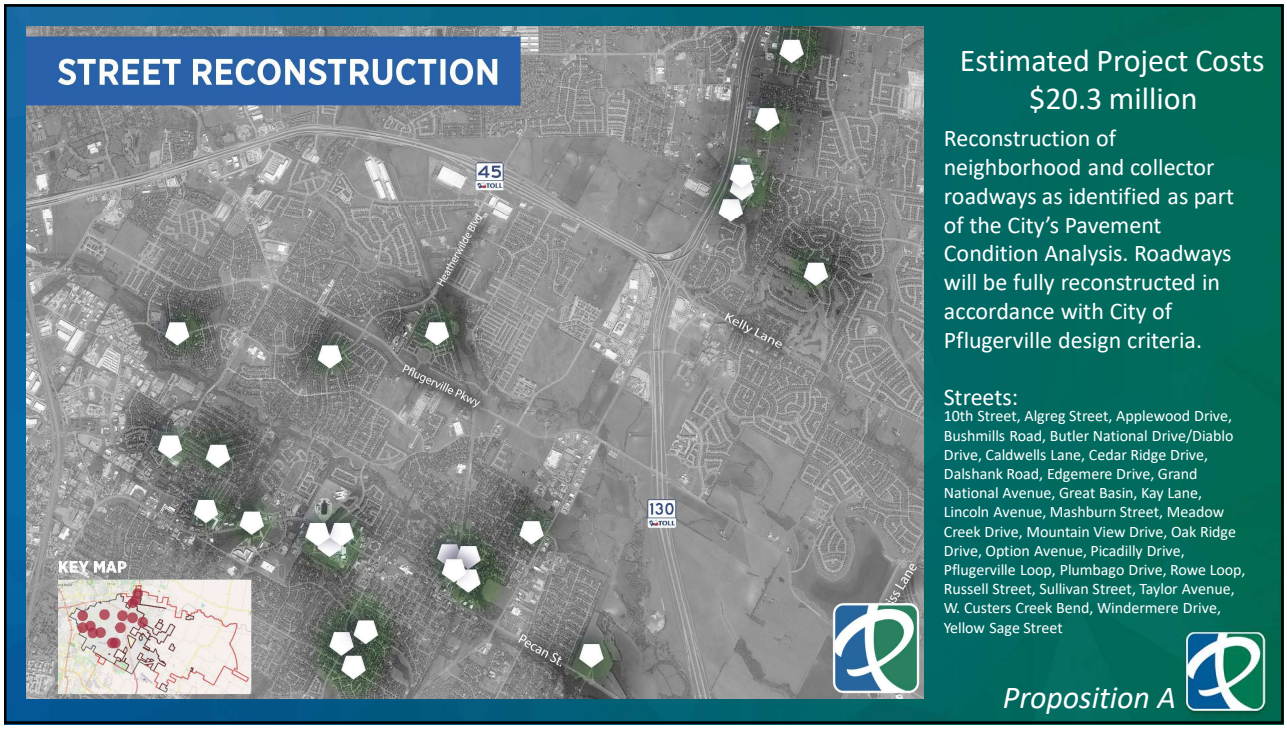
27


PICADILLY DRIVE IMPROVEMENTS
35
KEY MAP
Picadilly Dr
Central Commerce Drive
Estimated Project Costs
$3.8 million
Widening of existing roadway from IH-35 northbound frontage road to Central Commerce Drive. Improvements to include curb and gutter, underground storm facilities, dedicated pedestrian facilities, intersection turn lane improvements and driveway improvements. Engineering design of the roadway improvements is complete.
Proposition A

28

SH45 FRONTAGE ROAD IMPROVEMENTS
Donnell Dr
45
TOLL
Heatherwilde Blvd
KEY MAP
Estimated Project Costs
$9.0 million
Connection of Eastbound and Westbound frontage roads on SH45 between Heatherwilde Blvd and Donnell Street. Project includes engineering design, utility relocation and construction
Proposition A

29


STREET RECONSTRUCTION
45
TOLL
Heatherwilde Blvd
Pflugerville Pkwy
Kelly Lane
130
TOLL
Pecan St
KEY MAP
Estimated Project Costs
$20.3 million
Reconstruction of neighborhood and collector roadways as identified as part of the City's Pavement Condition Analysis. Roadways will be fully reconstructed in accordance with City of Pflugerville design criteria.
Streets:
10th Street, Algreg Street, Applewood Drive, Bushmills Road, Butler National Drive/Diablo Drive, Caldwells Lane, Cedar Ridge Drive, Dalshank Road, Edgemere Drive, Grand National Avenue, Great Basin, Kay Lane, Lincoln Avenue, Mashburn Street, Meadow Creek Drive, Mountain View Drive, Oak Ridge Drive, Option Avenue, Picadilly Drive, Pflugerville Loop, Plumbago Drive, Rowe Loop, Russell Street, Sullivan Street, Taylor Avenue, W. Custers Creek Bend, Windermere Drive, Yellow Sage Street
Proposition A

30

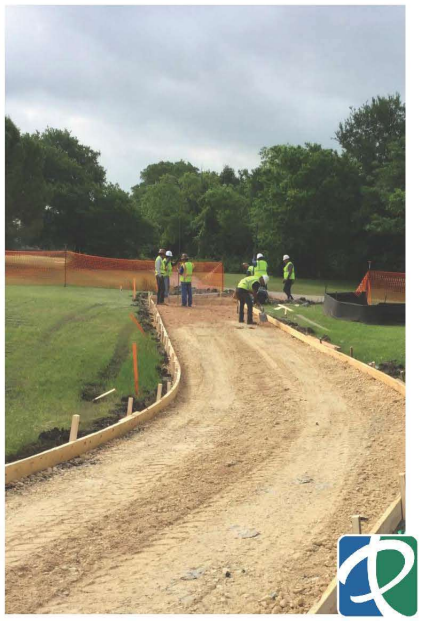
2020
BOND
ELECTION
Proposition B
Parks & Recreation
$42.3M

31

1849 PARK PHASE 2 IMPROVEMENTS
KEY MAP
Cameron Rd
Estimated Project Costs
$15.2 million
Phase 2 of the 1849 Park improvements will be in accordance with the overall master design of the facility. Design and construction will include six additional baseball/softball fields, complex facility with concession and restroom areas, expansion of Phase 1 parking facilities, and utility improvements.
Proposition B

32

CITY TRAIL IMPROVEMENTS



Estimated Project Costs
$1.6 million

Design and construction for various City trail segments. Project will close trail gaps in City trail system, enhance the overall trail system with development of trailheads at appropriate locations, and develop a wayfinding system for trail users and visitors.

Proposition B

33

DESTINATION PLAY SPACE PHASE 1 IMPROVEMENTS

Estimated Project Costs
$1.6 million

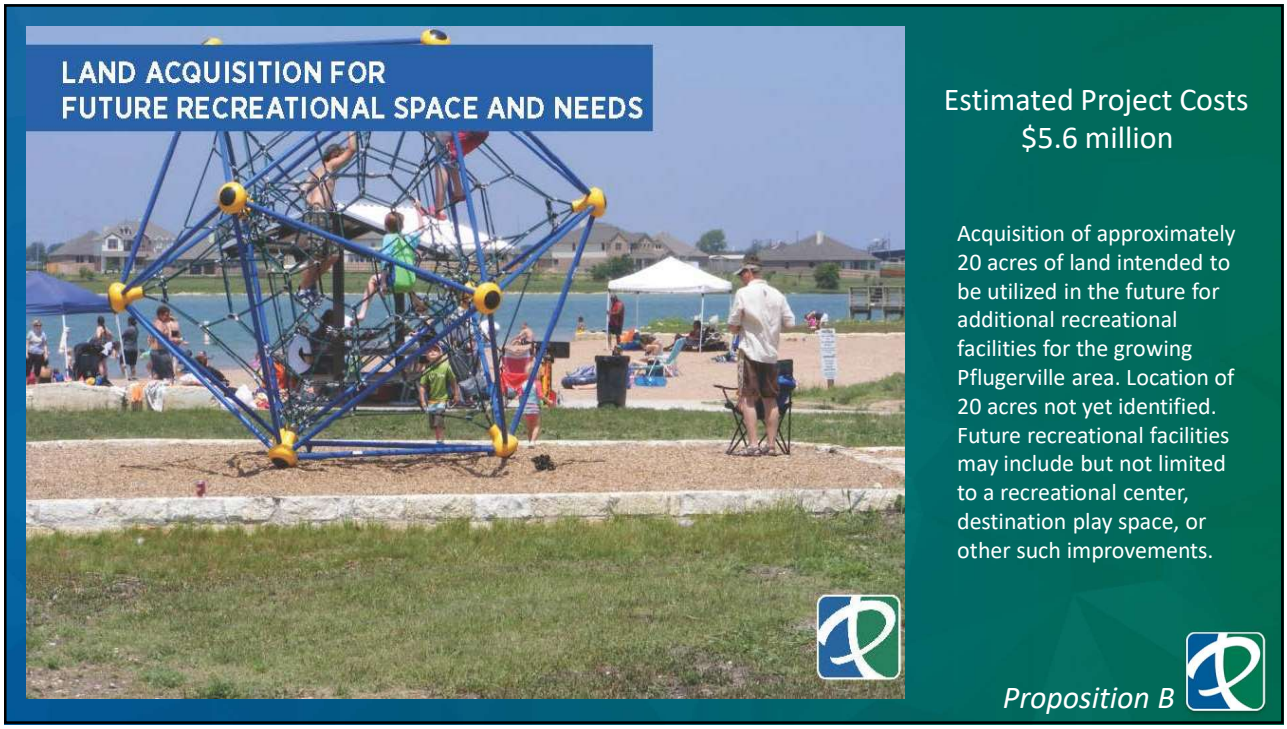
Preliminary engineering and design for Phase 1 of City destination play space. Characteristics of the improvements to consist of: all inclusive play opportunities, fenced play space, shade elements, parking and restroom facilities.

Proposition B

34

LAKE PFLUGERVILLE PHASE 2 IMPROVEMENTS
KEY MAP
Estimated Project Costs
$11.0 million
Phase 2 of Lake Pflugerville will focus on development of the north side of the lake, around to the west boundary. Design and construction will include beach expansion, nature interpretative area and boardwalk, west trailhead area, additional parking, and initial Biehle property improvements including utility extensions and parking.
Proposition B

35


LAND ACQUISITION FOR
FUTURE RECREATIONAL SPACE AND NEEDS
Estimated Project Costs
$5.6 million
Acquisition of approximately 20 acres of land intended to be utilized in the future for additional recreational facilities for the growing Pflugerville area. Location of 20 acres not yet identified. Future recreational facilities may include but not limited to a recreational center, destination play space, or other such improvements.
Proposition B

36

NEIGHBORHOOD PARK IMPROVEMENTS
LEGEND
1. Picadilly
2. Wilbarger Phase 2
3. Mallard
4. Kelly Lane
5. Pecan
Estimated Project Costs
$7.4 million
Design and construction for various upgrades and amenities within existing neighborhood park locations. Some locations are currently in design based on the City of Pflugerville Master Parks Plan. Examples of amenities include but are not limited to sport courts, dog walk areas, playgrounds, nature watching areas, pavilions and bicycle facilities.
Proposition B

37

2020
BOND
ELECTION
Proposition C
Recreation & Senior Center
$47.3M

38

Advisory Board for the Recreation and Senior Facility Needs Assessment and Feasibility Study

Estimated Project Costs
$47.3 million

Design and construction of recreation and senior center. Specific amenities to be determined.

Proposition C

39

Get to Know Pflugerville Team

Patricia Davis, P.E.
City Engineer
patriciad@pflugervilletx.gov
512-990-6400

Brandon Pritchett
Utilities Director
brandonp@pflugervilletx.gov
512-990-6400

Evan Groeschel
Field Operations Director
evang@pflugervilletx.gov
512-990-6400

40

Questions?

Amy Giannini, P.E., CFM
Assistant City Manager
agiannini@pflugervilletx.gov
512-990-6400

Resources

- **Sign up to be notified of future RFQs:** https://www.pflugervilletx.gov/for-businesses/open-bids-rfqs
- **Information about Projects:** https://www.pflugervilletx.gov/city-government/capital-improvement-program-cip/project-overview
- **Information about 2020 Bond Projects:** https://www.pflugervilletx.gov/city-government/finance/bonds/bond-election-2020
- **Transportation Master Plan:** https://www.pflugervilletx.gov/city-government/development-services-center/transportation/master-transportation-plan

41