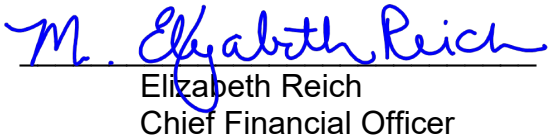
NOVEMBER 4, 2020 CITY COUNCIL BRIEFING AGENDA
CERTIFICATION

This certification is given pursuant to Chapter XI, Section 9 of the City Charter for the City Council Briefing Agenda dated November 4, 2020. We hereby certify, as to those contracts, agreements, or other obligations on this Agenda authorized by the City Council for which expenditures of money by the City are required, that all of the money required for those contracts, agreements, and other obligations is in the City treasury to the credit of the fund or funds from which the money is to be drawn, as required and permitted by the City Charter, and that the money is not appropriated for any other purpose.

T.C. Broadnax
City Manager

10-30-20
Date



Elizabeth Reich
Chief Financial Officer

10-30-20
Date

RECEIVED
2020 OCT 30 PM 5:41
CITY SECRETARY
DALLAS, TEXAS

City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Public Notice

200849

POSTED CITY SECRETARY
DALLAS, TX

COUNCIL BRIEFING AGENDA

November 4, 2020

9:00 AM

(For General Information and Rules of Courtesy, Please See Opposite Side.)
(La Información General Y Reglas De Cortesía Que Deben Observarse
Durante Las Asambleas Del Consejo Municipal Aparecen En El Lado Opuesto, Favor De Leerlas.)

General Information

The Dallas City Council regularly meets on Wednesdays beginning at 9:00 a.m. in the Council Chambers, 6th floor, City Hall, 1500 Marilla. Council agenda meetings are broadcast live on WRR-FM radio (101.1 FM) and on Time Warner City Cable Channel 16. Briefing meetings are held the first and third Wednesdays of each month. Council agenda (voting) meetings are held on the second and fourth Wednesdays. Anyone wishing to speak at a meeting should sign up with the City Secretary's Office by calling (214) 670-3738 by 5:00 p.m. of the last regular business day preceding the meeting. Citizens can find out the name of their representative and their voting district by calling the City Secretary's Office.

Sign interpreters are available upon request with a 48-hour advance notice by calling (214) 670-5208 V/TDD. The City of Dallas is committed to compliance with the Americans with Disabilities Act. ***The Council agenda is available in alternative formats upon request***.

If you have any questions about this agenda or comments or complaints about city services, call 311.

Rules of Courtesy

City Council meetings bring together citizens of many varied interests and ideas. To insure fairness and orderly meetings, the Council has adopted rules of courtesy which apply to all members of the Council, administrative staff, news media, citizens and visitors. These procedures provide:

- That no one shall delay or interrupt the proceedings, or refuse to obey the orders of the presiding officer.
- All persons should refrain from private conversation, eating, drinking and smoking while in the Council Chamber.
- Posters or placards must remain outside the Council Chamber.
- No cellular phones or audible beepers allowed in Council Chamber while City Council is in session.

"Citizens and other visitors attending City Council meetings shall observe the same rules of propriety, decorum and good conduct applicable to members of the City Council. Any person making personal, impertinent, profane or slanderous remarks or who becomes boisterous while addressing the City Council or while

Información General

El Ayuntamiento de la Ciudad de Dallas se reúne regularmente los miércoles en la Cámara del Ayuntamiento en el sexto piso de la Alcaldía, 1500 Marilla, a las 9 de la mañana. Las reuniones informativas se llevan a cabo el primer y tercer miércoles del mes. Estas audiencias se transmiten en vivo por la estación de radio WRR-FM 101.1 y por cablevisión en la estación *Time Warner City Cable* Canal 16. El Ayuntamiento Municipal se reúne en el segundo y cuarto miércoles del mes para tratar asuntos presentados de manera oficial en la agenda para su aprobación. Toda persona que desee hablar durante la asamblea del Ayuntamiento, debe inscribirse llamando a la Secretaría Municipal al teléfono (214) 670-3738, antes de las 5:00 pm del último día hábil anterior a la reunión. Para enterarse del nombre de su representante en el Ayuntamiento Municipal y el distrito donde usted puede votar, favor de llamar a la Secretaría Municipal.

Intérpretes para personas con impedimentos auditivos están disponibles si lo solicita con 48 horas de anticipación llamando al (214) 670-5208 (aparato auditivo V/TDD). La Ciudad de Dallas se esfuerza por cumplir con el decreto que protege a las personas con impedimentos, *Americans with Disabilities Act.* ***La agenda del Ayuntamiento está disponible en formatos alternos si lo solicita.***

Si tiene preguntas sobre esta agenda, o si desea hacer comentarios o presentar quejas con respecto a servicios de la Ciudad, llame al 311.

Reglas de Cortesía

Las asambleas del Ayuntamiento Municipal reúnen a ciudadanos de diversos intereses e ideologías. Para asegurar la imparcialidad y el orden durante las asambleas, el Ayuntamiento ha adoptado ciertas reglas de cortesía que aplican a todos los miembros del Ayuntamiento, al personal administrativo, personal de los medios de comunicación, a los ciudadanos, y a visitantes. Estos reglamentos establecen lo siguiente:

- Ninguna persona retrasara o interrumpirá los procedimientos, o se negara a obedecer las órdenes del oficial que preside la asamblea.
- Todas las personas deben abstenerse de entablar conversaciones, comer, beber y fumar dentro de la cámara del Ayuntamiento.
- Anuncios y pancartas deben permanecer fuera de la cámara del Ayuntamiento.
- No se permite usar teléfonos celulares o enlaces electrónicos *(pagers)* audibles en la cámara del Ayuntamiento durante audiencias del Ayuntamiento Municipal

"Los ciudadanos y visitantes presentes durante las

attending the City Council meeting shall be removed from the room if the sergeant-at-arms is so directed by the presiding officer, and the person shall be barred from further audience before the City Council during that session of the City Council. If the presiding officer fails to act, any member of the City Council may move to require enforcement of the rules, and the affirmative vote of a majority of the City Council shall require the presiding officer to act." Section 3.3(c) of the City Council Rules of Procedure.

asambleas del Ayuntamiento Municipal deben de obedecer las mismas reglas de comportamiento, decoro y buena conducta que se aplican a los miembros del Ayuntamiento Municipal. Cualquier persona que haga comentarios impertinentes, utilice vocabulario obsceno o difamatorio, o que al dirigirse al Ayuntamiento lo haga en forma escandalosa, o si causa disturbio durante la asamblea del Ayuntamiento Municipal, será expulsada de la cámara si el oficial que este presidiendo la asamblea así lo ordena. Además, se le prohibirá continuar participando en la audiencia ante el Ayuntamiento Municipal. Si el oficial que preside la asamblea no toma acción, cualquier otro miembro del Ayuntamiento Municipal puede tomar medidas para hacer cumplir las reglas establecidas, y el voto afirmativo de la mayoría del Ayuntamiento Municipal precisara al oficial que este presidiendo la sesión a tomar acción." Según la sección 3.3 (c) de las reglas de procedimientos del Ayuntamiento.

Handgun Prohibition Notice for Meetings of Governmental Entities

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistol oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."

The City Council meeting will be held by videoconference. Individuals who wish to speak in accordance with the City Council Rules of Procedure must sign up with the City Secretary's Office. The following videoconference link is available to the public to listen to the meeting and Public Affairs and Outreach will also stream the City Council Briefing on Spectrum Cable Channel 95 and bit.ly/cityofdallastv: https://dallascityhall.webex.com/dallascityhall/onstage/g.php?MTID=e9437f14524bc1a4b6daac92b473cb2f0

9:00 a.m. Invocation and Pledge of Allegiance

Special Presentations

Open Microphone Speakers

VOTING AGENDA

1. 20-2142 Approval of Minutes of the October 21, 2020 City Council Meeting

2. 20-2143 Consideration of appointments to boards and commissions and the evaluation and duties of board and commission members (List of nominees is available in the City Secretary's Office)

BRIEFINGS

A. 20-2144 Dallas ADA Self-Evaluation and Transition Plan

Attachments: Presentation

B. 20-2145 Bond Programs Status Update

Attachments: Presentation

C. 20-2146 Five-Year Infrastructure Management Plan (IMP) FY 2021-2025

Attachments: Presentation

D. 20-2147 Priority Improvement Zones and Aligned Strategic Streetlighting Plan

Attachments: Presentation

Adjournment

The above schedule represents an estimate of the order for the indicated briefings and is subject to change at any time. Current agenda information may be obtained by calling (214) 670-3100 during working hours. Note: An expression of preference or a preliminary vote may be taken by the Council on any of the briefing items.

EXECUTIVE SESSION NOTICE

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]

2. deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]

3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]

4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]

5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]

6. discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt. Code §551.087]

7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]

Agenda Information Sheet

File #: 20-2142 **Item #:** 1.

SUBJECT

Approval of Minutes of the October 21, 2020 City Council Meeting

Agenda Information Sheet

File #: 20-2143 **Item #:** 2.

AGENDA DATE: November 4, 2020

COUNCIL DISTRICT(S): N/A

DEPARTMENT: City Secretary's Office

SUBJECT

Consideration of appointments to boards and commissions and the evaluation and duties of board and commission members (List of nominees is available in the City Secretary's Office)

Agenda Information Sheet

File #: 20-2144 **Item #:** A.

Dallas ADA Self-Evaluation and Transition Plan

City of Dallas

Dallas ADA Self-Evaluation and Transition Plan

11/4/20

Office of Equity and Inclusion

Kimley»Horn

ACCESSOLOGY

Agenda

- Importance of an ADA Self-Evaluation and Transition Plan
- Title II Requirements
- Phase 1 (Current Phase)
- Future Phases

Importance of an ADA Self-Evaluation and Transition Plan

- Required by law (Title II of the Americans with Disabilities Act)
- Failure to comply with the ADA can result in:
  - Withholding of federal and state funds – TxDOT surveying municipalities in Texas to determine if Title II requirements have been met
  - Settlement agreement with Department of Justice
  - Private lawsuits
- Lack of accessibility directly impacts the lives of Dallas residents and visitors

Title II Requirements (§35.106; §35.107)

Requirement	Status
Provide notice to the public about the ADA	✓ (Phase 1)
Designate an employee to oversee Title II compliance	✓ (Phase 1)
Adopt and publish a Title II grievance procedure	✓ (Phase 1)

Title II Requirements (§35.105)

Requirement	Status
Evaluate current services, policies, and practices	Future Phase(s)
Modify current services, policies, and practices if non-compliant	Future Phase(s)
Provide opportunity to interested persons to participate in self-evaluation process by submitting comments	✓ (Phase 1)
Keep copy of self-evaluation on file for at least 3 years after completion	On-going

Title II Requirements (§35.150)

Requirement	Status
Operate each service, program, or activity so that it is readily accessible and useable by individual with disabilities	On-going
Develop (and maintain) a transition plan for needed structural changes	Phase 1 + Future Phase(s)
Provide opportunity to interested persons to participate in the development of the transition plan by submitting comments	✓ (Phase 1)
Provide a schedule for providing curb ramps	Phase 1

Transition Plan Requirements (§35.150)

Requirement	Status
Identify physical obstacles in each facility that limit accessibility of its programs or activities to individuals with disabilities	Phase 1 + Future Phase(s)
Describe in detail the methods that will be used to make the facilities accessible	Phase 1 + Future Phase(s)
Specify the schedule to achieve Title II compliance and steps that will be taken each year of transition period	Phase 1 + Future Phase(s)
Indicate office responsible for implementation of the plan	Phase 1

Phase 1: Current Phase

- Self-Evaluation
  - Established ADA Liaison Committee
  - Established External ADA Focus Group
  - Completed programs, services, and activities inventory
  - Completed website accessibility review for select departments
  - Completed review of select City buildings based on 2010 ADA Standards for Accessible Design

Phase 1: Current Phase

- Transition Plan Update
  - Administrative Grievance Policy and Procedure
  - ADA Notice
  - Online Grievance Form
  - Prioritization Criteria
- Staff Training

Phase 1: Staff Training

Date	No. Hours	Class	Attendees
9/30/20	2	Americans with Disabilities Act (ADA) Regulations and Disability Awareness Training - Option #1	Executive Management Team
10/9/20	2	Americans with Disabilities Act (ADA) Regulations and Disability Awareness Training - Option #2	Executive Management Team
10/12/20	2	City of Dallas ADA Liaison Training	Department ADA Liaison
10/13/20	2	City of Dallas ADA Maintenance Training	City Maintenance Divisions
10/13/20	2	City of Dallas Emergency Personnel Training	Emergency Management & First Responders

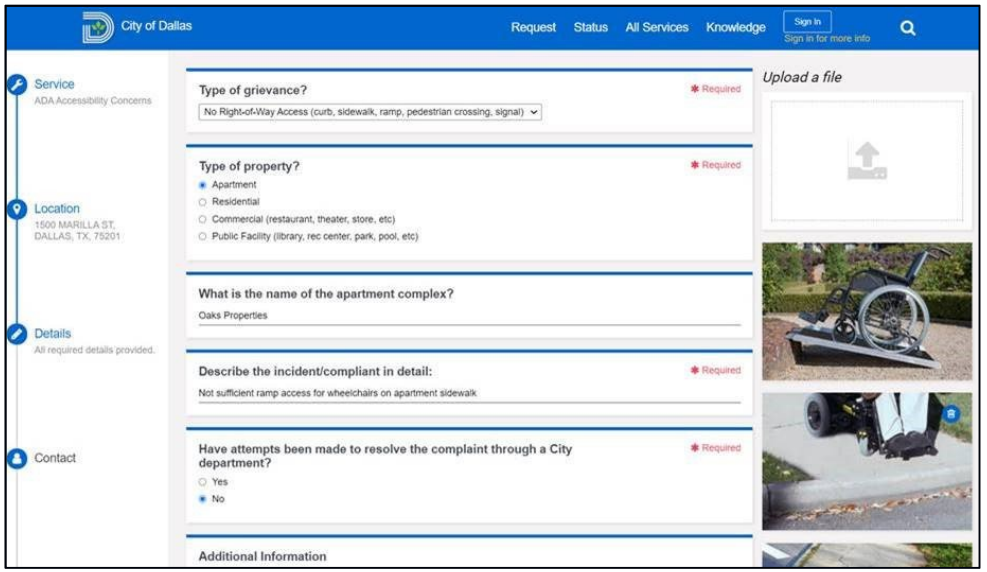
Videos to be posted on City's online training platform

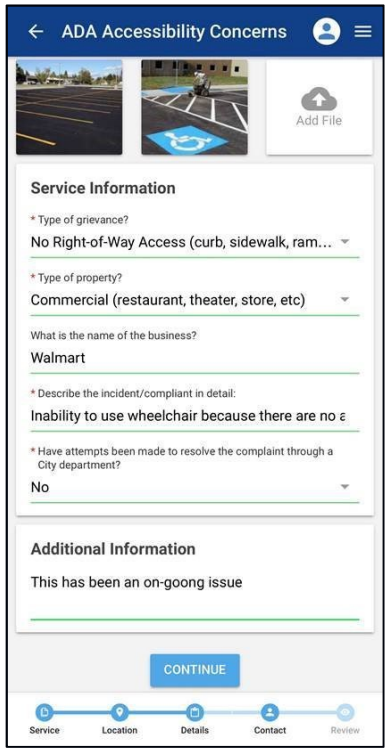
Phase 1: Grievance Form

- Dallas 3-1-1 new service request type: Accessibility/ADA Concerns
- Requests will be routed directly to Gary Copeland (ADA Manager)
- Issue types:
  - Accommodation request
  - City program, services, or activity accessibility
  - City facility accessibility
  - Non-City program, services, activity, or facility (provides contact information for US Department of Justice)
  - Housing issues (reroutes to reroutes to Office of Equity – Fair Housing Division)

Grievance Form Platforms

- *OurDallas* mobile app
- 311 Website
  (desktop and mobile)
- Calling 311
  (language services available)





Phase 1: Evaluated Buildings

Location Name	Property Address
Dallas City Hall	1500 Marilla St.
Dallas Municipal Court	2014 Main St.
KBH Convention Center	650 S Griffin St.
J. Erik Jonsson Central Library	1515 Young St.
SW Patrol Station	4230 W Illinois Ave.
NE Patrol Station	9915 E Northwest Hwy.
Arcadia Park Library	1302 N Justin Ave.

Phase 1: Evaluated Buildings

Location Name	Property Address
Polk-Wisdom Library	7151 Library Ln.
Campbell Green Recreation Center	16600 Park Hill Dr.
Kleberg Rylie Recreation Center	1301 Edd Rd.
Moody Performance Hall	2520 Flora St.
Majestic Theater	1925 Elm St.
Martin Luther King Complex	2922 Martin Luther King Jr. Blvd.
Union Station	400 S. Houston St.

Self-Evaluation Findings: Buildings

Most common issues:

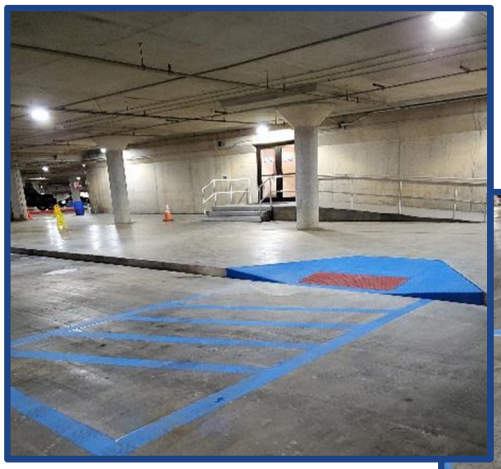
- Non-compliant accessible parking
- Non-compliant routes from parking to entrances
- Non-compliant public spaces
- Non-compliant restrooms

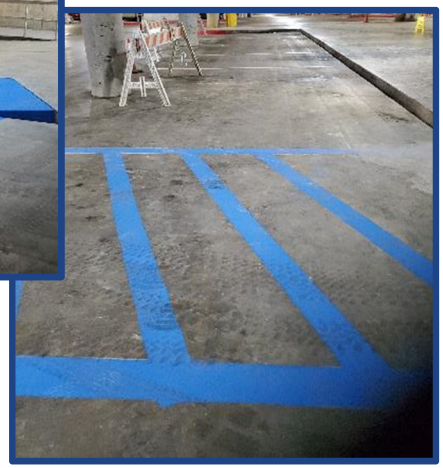
Dallas City Hall – Curb Ramps

NON-COMPLIANT CURB RAMPS

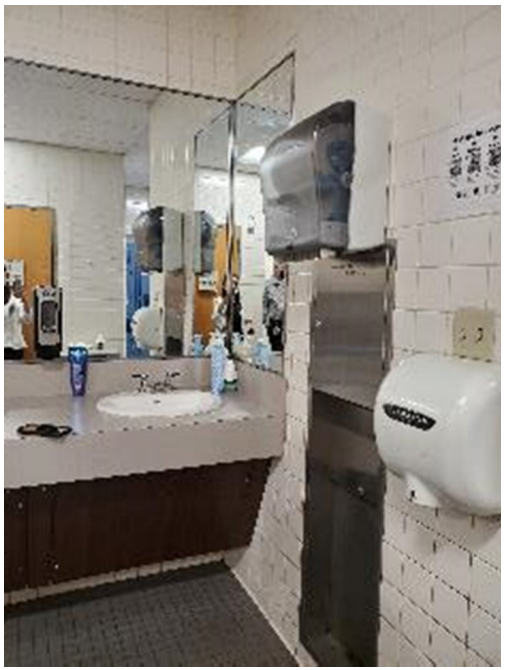
Dallas City Hall – Curb Ramps

RECENT UPGRADES TO CONSTRUCT COMPLIANT CURB RAMPS





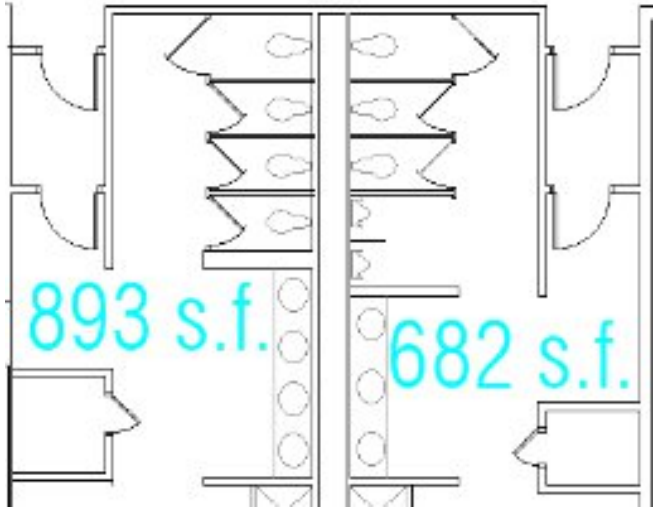
Dallas City Hall – 911 Restrooms



NON-COMPLIANT RESTROOMS

Dallas City Hall – 911 Restrooms

- Reconfigured partitions and toilets
- Corrected height for hand sinks and grab bars, fixtures, and accessories to meet ADA requirements
- Updated the restroom



ADA Requirements for Alternate Care Site (Hall F)

- Same physical requirements as a normally operating hospital
  - Accessible patient intake
  - 10% accessible patient rooms
  - Access to fully accessible toilet/bathing facilities
  - Effective Communication: Access to sign language interpreters; alternate formats for documents; closed captioning for any video communication
- FEMA and/or Army Corps of Engineers facility surveys include evaluations for ADA compliance

Current Implementation Efforts

- Recent Improvements (2020)
  - $110,000 - City Hall 911 Restroom Upgrades
  - $189,303 - MLK Community Center Sidewalk Upgrades

- City Hall improvements being made to parking areas, curb ramps, and restrooms within the scope of current projects

Current Implementation Efforts

- Public Works has inventoried public rights-of-way facilities and will incorporate into Sidewalk Master Plan

- Kay Bailey Hutchinson Convention Center Dallas (KBHCCD)
  - Convention and Event Services (CES) are scheduling improvement projects that directly affect accessibility
  - Larger projects will be addressed in KBHCCD Master Plan

Current Implementation Efforts

- Reviews will be included in scope of future bond projects and major maintenance
- Increased awareness of Title I (employment) requirements and accommodations are being made for employees
- Increased use of effective communication tools, including sign language interpreting services/UbiDuo

Planned Implementation Efforts

- Upcoming Improvements (BSD)
  - City Hall Parking Garage – Access / Curb Ramps Upgrades
  - City Hall Various Restroom Upgrades
  - Oak Cliff Municipal Center Restroom Upgrades
  - KBH Convention Center
  - Various OCA/Library Upgrades (Funded by Specific Departments)

- Future Improvements
  - ~$6.5M of facility improvements identified in 2020
  - Additional facilities to be evaluated

Phase 2 (Began September 2020)

Sidewalk Master Plan

- Will establish asset management policies for sidewalks through the use of a data driven model and stakeholder input to prioritize future improvements. Factors include:
  - Places of public accommodations
  - Equity
  - Pedestrian safety
  - Street classification
  - Date of request
  - Activity areas

- Will incorporate equity, Safe Routes to School, ADA Transition Plan, and Five-Year Infrastructure Management Plan into a newly created sidewalk selection criteria matrix

Future Phases

- Evaluate current services, policies, and practices identified in Phase 1 inventory
- Modify current services, policies, and practices if determined to be non-compliant
- Evaluate remaining buildings and parks
- Update ADA Transition Plan with future phase findings
- ADA compliance monitoring and tracking
- Additional staff training

Next Steps for Departments

- Include additional department representatives on ADA Liaison Committee
- Continued involvement of ADA Liaison Committee throughout implementation of ADA Transition Plan
- Ongoing and proactive compliance awareness and continuous improvement

QUESTIONS?

City of Dallas

Dallas ADA Self-Evaluation and Transition Plan

11/4/20

Office of Equity and Inclusion

Kimley»Horn

ACCESSOLOGY

Agenda Information Sheet

File #: 20-2145 **Item #:** B.

Bond Programs Status Update

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City of Dallas

Bond Programs Status Update

City Council Briefing
November 4, 2020

Majed Al-Ghafry, P. E., Assistant City Manger
City Manager's Office

Adriana Castaneda, Director
Office of Bond & Construction Management

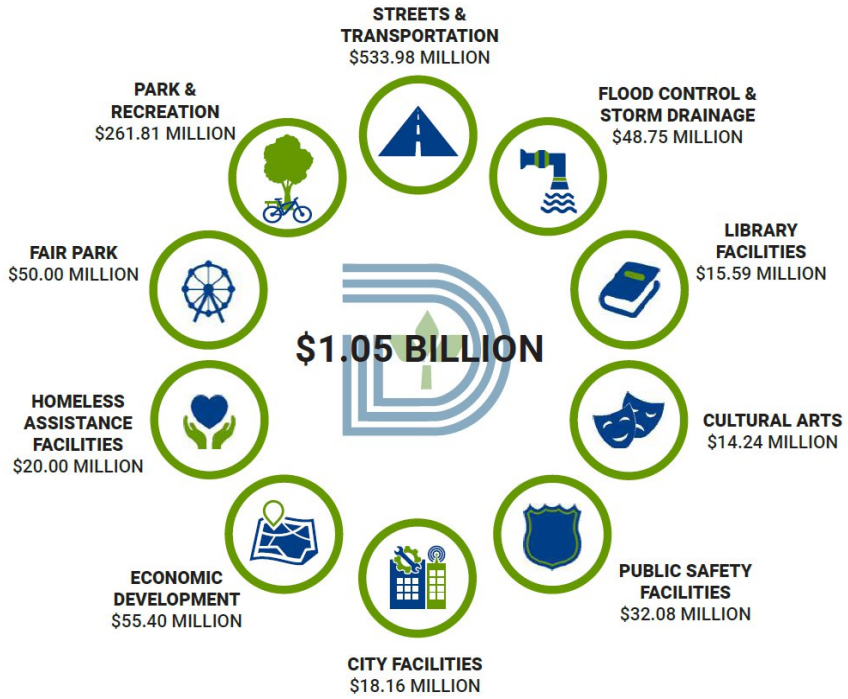
Overview

- 2017 Bond Program
  - Background
  - Financial Status
  - Projects Status
  - Highlighted 2017 Bond Program Projects
  - Proposed FY2021, FY2022, and FY2023 Work Plans
- Prior Bond Programs
  - Financial Status
  - Highlighted Prior Bond Programs Projects
- Planning for the Next Bond Program

2017 Bond Program -Background

- On November 7, 2017, Dallas voters approved the 2017 Bond Program, with 10 propositions totaling $1.05 Billion.
- The City Manager's Office committed to the citizens of Dallas to execute the 2017 Bond Program over a five-year period.
- Due to COVID-19, there was impact to the City's revenues and revisions to the City's budget were recommended.
- On June 10, 2020, the City Council approved a reduction to the 2017 Bond Program approved appropriations by $132,583,043 FY20.
- The reduction caused the extension of the 2017 Bond Program to September 2023 (originally September 2022).

2017 Bond Program - Background

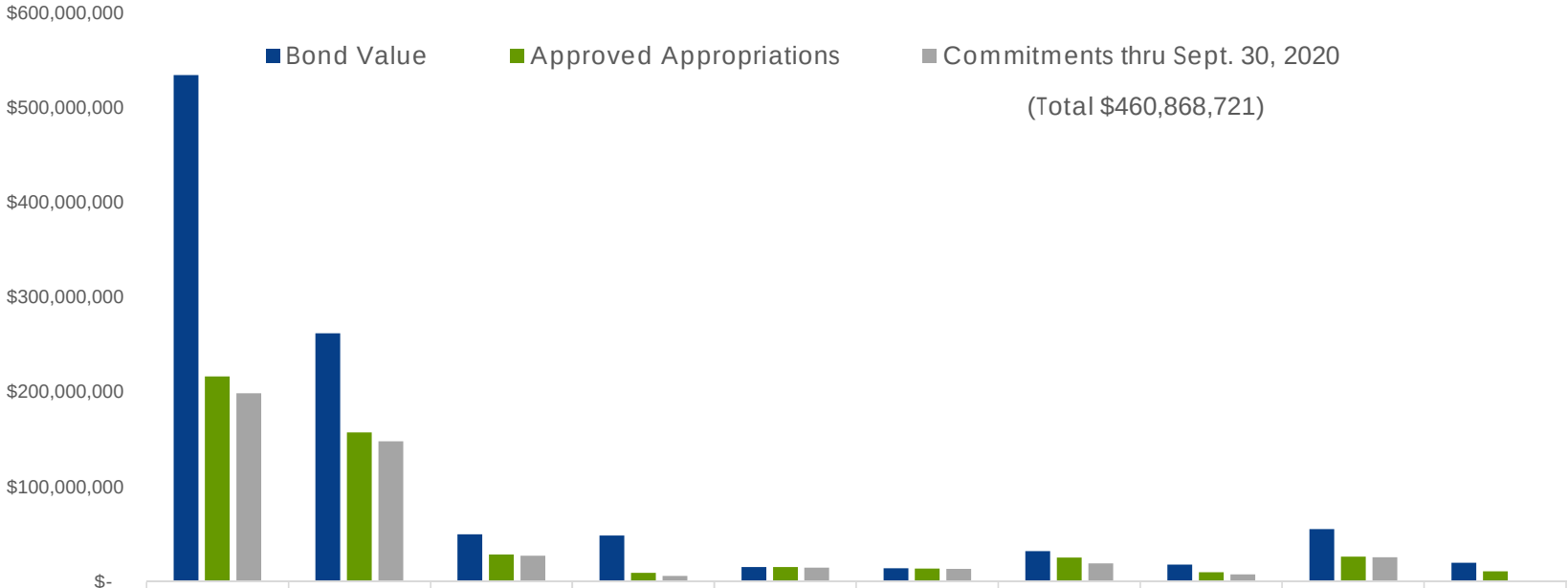


1,384 projects:

A. Streets: 1,028 projects
B. Parks: 189 projects
C. Fair Park: 12 projects
D. Flood Control: 84 projects
E. Libraries: 3 projects
F. Cultural Arts: 9 projects
G. Public Safety: 42 projects
H. City Facilities: 15 projects
I. *Economic Development: TBD
J. *Homeless Assistance: TBD

**Counted as a single project*

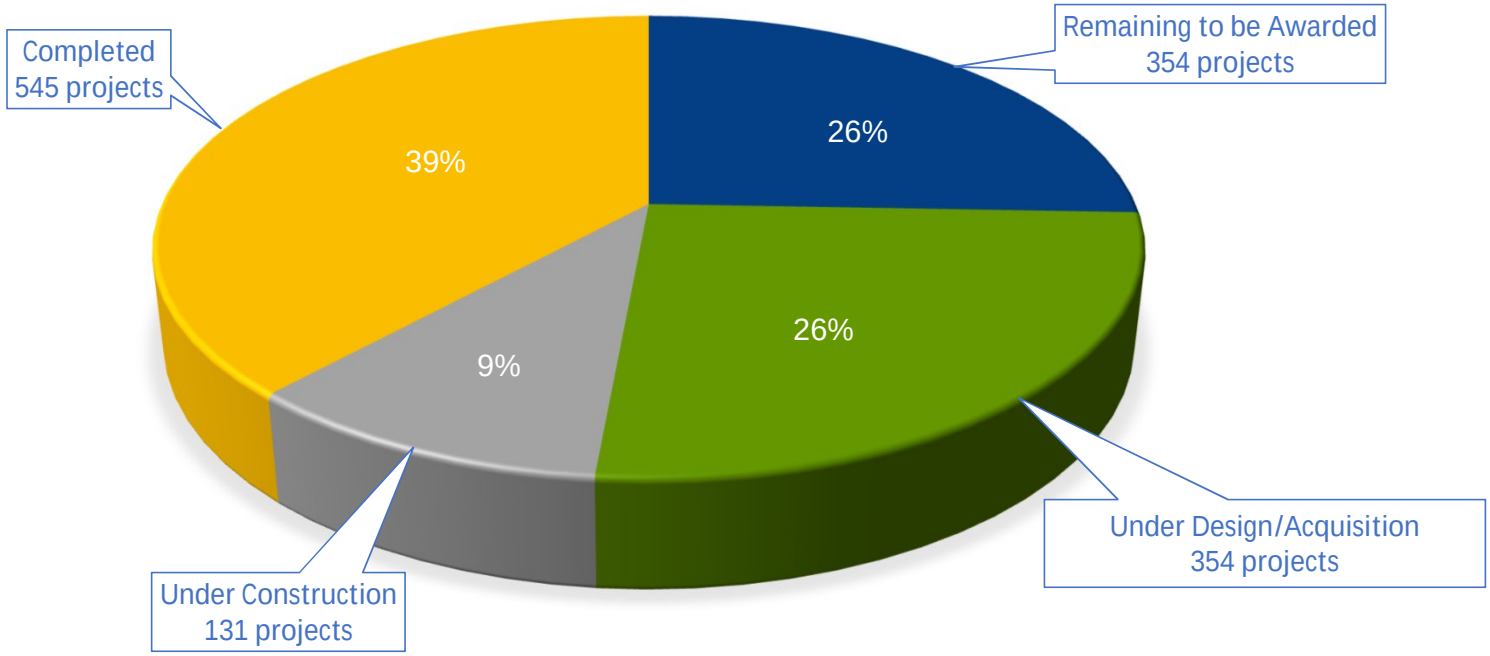
2017 Bond Program – Financial Status



	PROPOSITION (A)	PROPOSITION (B)	PROPOSITION (C)	PROPOSITION (D)	PROPOSITION (E)	PROPOSITION (F)	PROPOSITION (G)	PROPOSITION (H)	PROPOSITION (I)	PROPOSITION (J)
Bond Value	$533,981,000	$261,807,000	$50,000,000	$48,750,000	$15,589,000	$14,235,000	$32,081,000	$18,157,000	$55,400,000	$20,000,000
Approved Appropriations	$216,173,243	$157,308,992	$28,820,000	$9,422,353	$15,589,000	$13,839,120	$25,576,956	$10,016,404	$26,321,930	$11,000,000
Commitments thru Sept. 30, 2020	$198,667,427	$147,947,846	$27,500,903	$5,980,565	$14,727,188	$13,383,093	$19,359,866	$7,613,545	$25,688,288	$-

Note: The bar graph above reflects the commitments recorded in the City's financial system of record, commitments recently approved by the City Council, and the 2017 project expenses that were transferred to the 2006/2012 Bond Programs.

2017 Bond Program – Project Status



Note: Project Status reflects the activity of the $1.05 Billion authorization as approved by the Dallas voters.

2017 Bond Program –Project Status

PROPOSITION	COMPLETED PROJECTS	UNDER CONSTRUCTION	UNDER DESIGN/ACQUISITION	REMAINING TO BE AWARDED
PROPOSITION A	487	76	247	218
PROPOSITION B	26	29	45	89
PROPOSITION C	2	5	0	5
PROPOSITION D	3	0	60	21
PROPOSITION E	0	3	0	0
PROPOSITION F	2	6	0	1
PROPOSITION G	21	5	2	14
PROPOSITION H	4	6	0	5
PROPOSITION I	0	1	0	0
PROPOSITION J	0	0	0	1
Total	545	131	354	354

Note: Project Status reflects the activity of the $1.05 Billion authorization as approved by the Dallas voters.

Highlighted 2017 Bond Program Projects

Proposition A (Streets and Transportation)

Willow Lane Sidewalk Improvements

Project Cost: $686,000
Completion Date: 5/2020
Council District: 11

Proposition B
(Park and Recreation)

Singing Hills Recreation Center

Project Cost: $8,611,136
Completion Date: 12/2020
Council District: 8

Harry Stone Aquatic Center

Project Cost: $5,600,000
Completion Date: 12/2020
Council District: 9

Bahama Beach Aquatic Center

Project Cost: $7,130,000
Completion Date: 1/2021
Council District: 3

Kleberg Park Sprayground

Project Cost: $1,770,000
Completion Date: 9/2019
Council District: 8

Exline Aquatic Center

Project Cost: $5,100,000
Completion Date: 11/2020
Council District: 7

Timberglen Park Sprayground

Project Cost: $ 1,820,000
Completion Date: 5/2019
Council District: 12

Tietze Aquatic Center

Project Cost: $ 4,750,000
Completion Date: 5/2019
Council District: 14

Nash-Davis Park Sprayground

Project Cost: $ 1,790,000
Completion Date: 6/2019
Council District: 6

Willie B. Johnson Recreation Center

Project Cost: $8,014,500
Completion Date: 6/2021
Council District: 10

Proposition C (Fair Park)

Hall of State

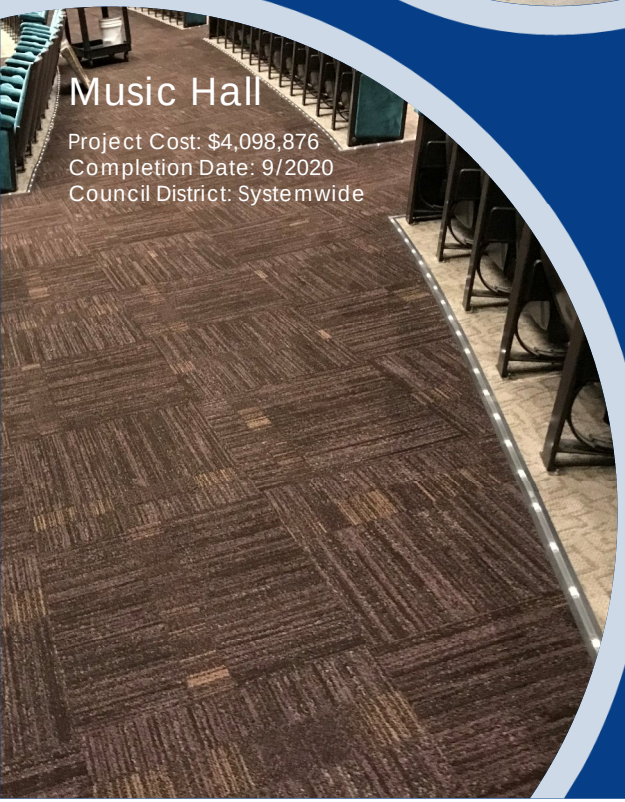
Project Cost:$14,501,783
Completion Date: 12/2020
Council District: Systemwide

Coliseum

Project Cost: $12,392,606
Completion Date: 2/2021
Council District: Systemwide

Aquarium Annex

Project Cost: $640,327
Completion Date: 9/2019
Council District: Systemwide



Music Hall

Project Cost: $4,098,876
Completion Date: 9/2020
Council District: Systemwide

African American Museum

Project Cost: $1,999,362
Completion Date: 9/2020
Council District: Systemwide

Proposition D (Flood and Drainage)

Wynnewood Village Drainage Improvements

Project Cost: $2.4 Million
Completion Date: 2/2020
Council District: 1

Proposition E (Libraries)

Forest Green Branch Library

Project Cost: $7,225,321
Completion Date: 3/2021
Council District: 10

Vickery Park Branch Library

Project Cost: $7,436,065
Completion Date: 11/2020
Council District: 13

Proposition F
(Cultural Facilities)

Dallas Heritage

Project Cost: $257,773
Completion Date: 5/2020
Council District: 2

Bath House Cultural Center

Project Cost: $1,412,556
Completion Date: 12/2020
Council District: 9

Proposition G
(Public Safety Facilities)

Fire Station 59

Project Cost: $6,212,918
Completion Date: 9/2021
Council District: 8

Fire Station 46

Project Cost: $6,369,110
Completion Date: 3/2021
Council District: 3

Jack Evans Headquarters

Project Cost: $1,130,382
Completion Date: 11/2020
Council District: 2

Proposition H (City Facilities)

West Dallas Multipurpose Center

Project Cost: $2,129,290
Completion Date: 3/2021
Council District: 6

Proposed FY 2021 Work Plan

Proposition	Major Activity	Projected Commitment October - September	Projected Cumulative Commitment (%) as of October 1, 2021
Streets and Transportation (A)	Award 177 projects for construction and complete 107 street resurfacing projects for a total of 67.1 lane miles.	$108,299,843	57%
Parks and Recreation (B)	Award 51 park projects for construction including the Dallas Zoo, Circuit Trail, and Bachman Skate Park.	$ 58,828,245	79%
Fair Park (C)	Award construction on the Centennial Building.	$8,353,646	72%
Flood Protection and Storm Drainage (D)	Award construction at 39 locations, including 21 erosion and 18 storm drainage projects.	$ 16,503,746	46%
Library Facilities (E)	Complete Forest Green Branch Library, J. Erik Jonsson Central Library , Vickery Park Branch Library.	$861,812	100%
Cultural and Performing Arts Facilities (F)	Award construction of the South Dallas Cultural Center, completion on the Bath House Cultural Center, Dallas Museum of Art, Meyerson Symphony Center, Kalita Humphreys Theater, Sammons Center for the Arts, & Dallas Black Dance Theatre.	$587,511	98%
Public Safety Facilities (G)	Award construction at 14 locations including Central and Northeast patrol stations and 12 fire stations.	$ 8,377,290	86%
City Facilities (H)	Award construction of the Central Service Center, Storage Facility and Oak Cliff Municipal Center.	$ 5,106,609	70%
Economic Development (I)	Discretionary Funds-Council Driven.	$10,291,390	65%
Homeless Assistance Facilities (J)	Discretionary Funds-Council Driven(4 properties).	$13,989,185	70%
		$231,199,277	66%

Proposed FY 2022 Work Plan

Proposition	Major Activity	Projected Commitments October - September	Projected Cumulative Commitment (%) as of October 1, 2022
Streets and Transportation (A)	Award 135 projects for construction including 72 street resurfacing, 3 street lighting projects and 48 street reconstruction and thoroughfares projects.	$112,894,192	79%
Parks and Recreation (B)	Award 26 projects for construction including Cummings Park, Midtown Park, and Timberglen Park Pavilion.	$27,366,936	89%
Fair Park (C)	Award 4 projects for construction; Food & Fiber Building, Tower Building, Pan-American Complex, Magnolia Lounge.	$7,034,549	86%
Flood Protection and Storm Drainage (D)	Award construction at 39 locations, including 7 erosion at Highland Road and 32 storm drainage projects.	$13,061,958	73%
Library Facilities (E)	Proposition Complete.	$0	100%
Cultural and Performing Arts Facilities (F)	Continue construction on the South Dallas Cultural Center.	$131,484	99%
Public Safety Facilities (G)	Complete minor fire stations renovations projects. Award construction of Fire Station 36	$2,160,199	93%
City Facilities (H)	Complete Unspecified ADA improvements.	$2,703,750	85%
Economic Development (I)	Discretionary Funds-Council Driven.	$9,657,748	82%
Homeless Assistance Facilities (J)	Discretionary Funds-Council Driven.	$2,989,185	85%
		$178,000,000	83%

Proposed FY 2023 Work Plan

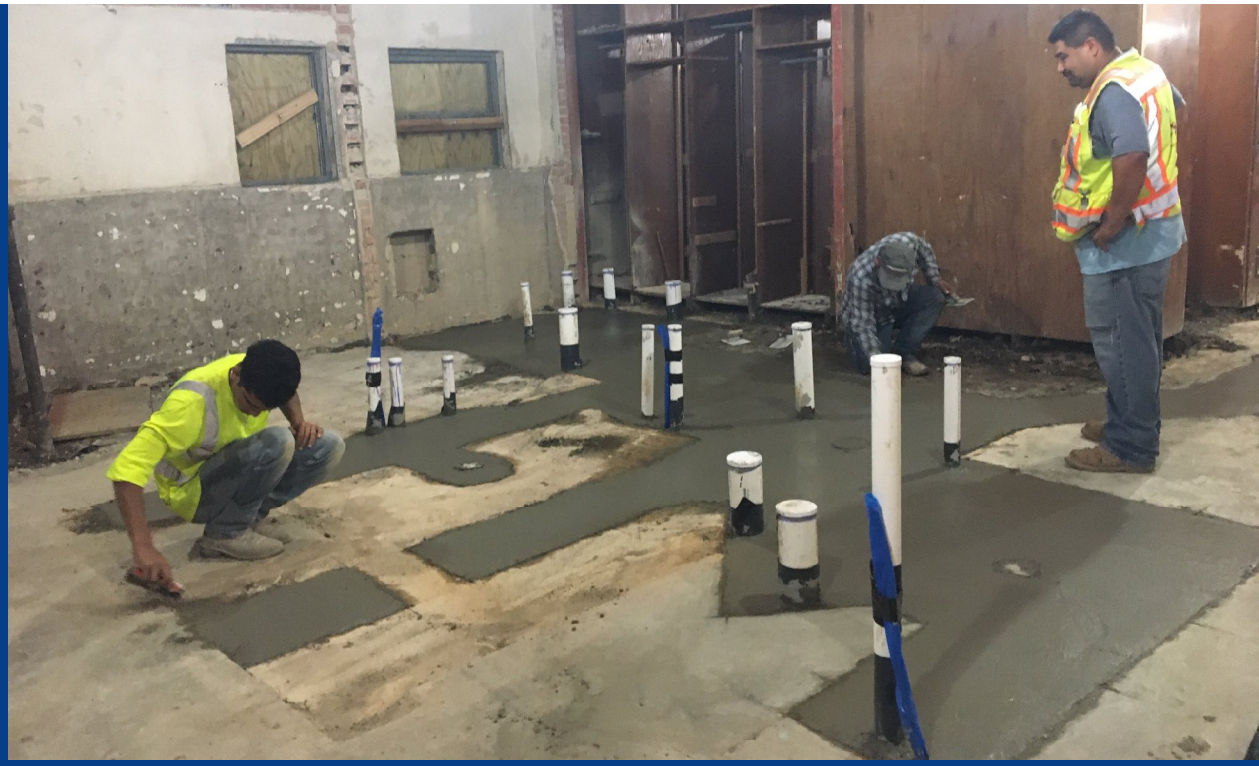
Proposition	Major Activity	Projected Commitments October - September	Projected Cumulative Commitment (%) as of October 1, 2023
Streets and Transportation (A)	Award 111 projects for construction including 59 street reconstruction and thoroughfares, 2 Intergovernmental partnership, 24 alley improvements, 15 target neighborhoods.	$114,119,539	100%
Parks and Recreation (B)	Award construction on Kiest Park Memorial Tree Grove, Bittercreek Park and Dixon Branch Greenbelt.	$27,663,974	100%
Fair Park (C)	Complete construction on the Food & Fiber Building, Tower Building, Pan-American Complex, Magnolia Lounge.	$7,110,902	100%
Flood Protection and Storm Drainage (D)	Award construction of 2 storm drainage projects.	$13,203,732	100%
Library Facilities (E)	Proposition Complete.	$0	100%
Cultural and Performing Arts Facilities (F)	Complete construction at the South Dallas Cultural Center.	$132,911	100%
Public Safety Facilities (G)	Complete minor fire stations renovations projects.	$2,183,646	100%
City Facilities (H)	Complete construction at City Hall and Oak Cliff Municipal Center.	$2,733,096	100%
Economic Development (I)	Discretionary Funds-Council Driven.	$9,762,573	100%
Homeless Assistance Facilities (J)	Discretionary Funds-Council Driven.	$3,021,630	100%
		$179,932,002	100%

Prior Bond Programs - Financial Status

2006 Bond Program - $1,353,520,000					
	Budget	Commitment/Spent*	Unspent Funds**	Number of Active Projects	Expected Project Completion Date
	$1,388,765,272	$1,299,696,793	$89,068,479	104	9/30/2022

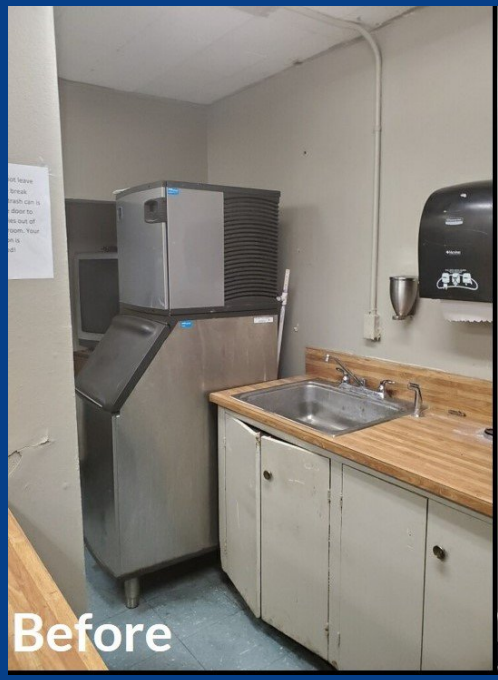
2012 Bond Program - $642,000,000					
	Budget	Commitment/Spent*	Unspent Funds**	Number of Active Projects	Expected Project Completion Date
	$643,595,488	$590,508,509	$53,086,979	86	9/30/2022

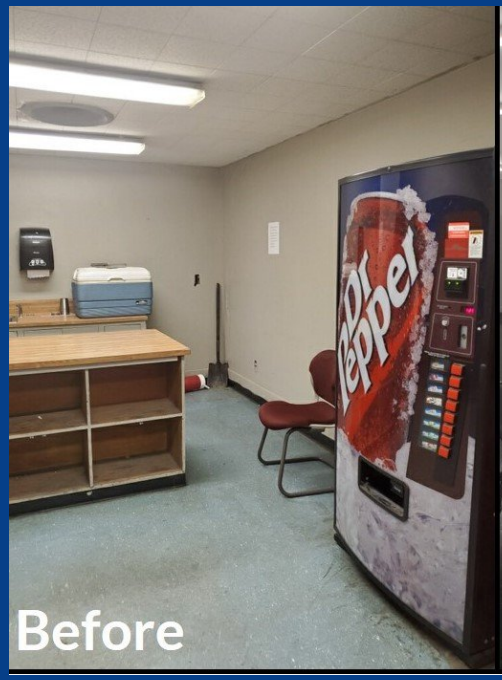
**Commitments thru August 31, 2020.*
***Funding includes current projects under design, under construction, Public Art, and debt service.*

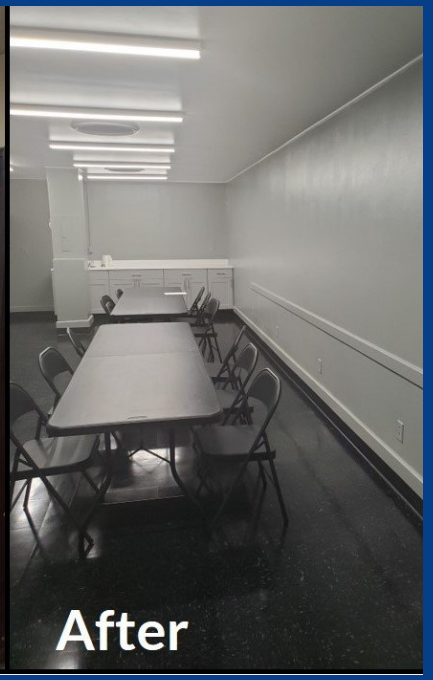


Vickery Meadow Community Court

Project Cost: $1,800,769
Completion Date: 1/2021
Council District: 13







South East Service Center

Project Cost: $628,075
Completion Date: 6/2021
Council District: 7

Latino Cultural Center – Phase II Expansion

Project Cost: $4,244,520
Completion Date: 2/2021
Council District: 14

Planning for the Next Bond Program

- Planning Process
  - City departments updated the City's "Needs Inventory List."
  - City departments are updating their processes on defining "categories," "priorities," and "ratings" for all listed projects in the "Needs Inventory List."
  - Working with Office of Equity and Inclusion to develop an equity lens tool for the upcoming bond programs.
  - Partnering with other agencies to leverage funding opportunities:
    - City's IMP, TxDOT, NTCOG, Dallas County and Private-Public Partnerships.
  - Staff met with the American Council of Engineering Companies (ACEC) for feedback on "lessons learned" from previous Bond Programs; to be considered for next bond program.
  - Schedule meetings with regional and local Contractor's Associations.
  - Engage City Council Members to provide information on the proposed schedule and next steps for the next bond program.

Planning for the Next Bond Program

- Implementation Process
  - FUNDING
    - Working with Budget and Management Services and the City Controller's Office to assess Bond Program Options.
      - Establish a List of Ready-to Design Projects prior to an upcoming Bond Program.
      - Pay As You Go.
      - Bond issuance.
      - Commercial paper.
  - ENGINEERING
    - Establish a Committee to evaluate selected Ready-to Design Projects.
      - Determine available capacity from the 2017 Bond Program for engineering services.
      - Recommend to utilize 2017 Bond Program savings for engineering services to perform preliminary design and cost estimation for future projects expected to be recommended in the next bond program.
    - Complete design phase for selected projects before next bond program approval.
  - CONSTRUCTION
    - Procure engineering, other trade services, and other support services in advance (pending City Council approval and availability of funding).
    - Advertise for construction services immediately after bond program approval.

Bond Programs Status Update

City Council Briefing
November 4, 2020

Majed Al-Ghafry, P. E., Assistant City Manger
City Manager's Office

Adriana Castaneda, Director
Office of Bond & Construction Management

Agenda Information Sheet

File #: 20-2146 **Item #:** C.

Five-Year Infrastructure Management Plan (IMP) FY 2021-2025

Five-Year Infrastructure Management Program (IMP) FY 2021-2025

City Council Briefing
November 4, 2020

Robert M. Perez, Ph.D., Director
Ali Hatefi, P.E., Assistant Director
Jennifer Nicewander, P.E., Sr. Program Manager
Department of Public Works
City of Dallas

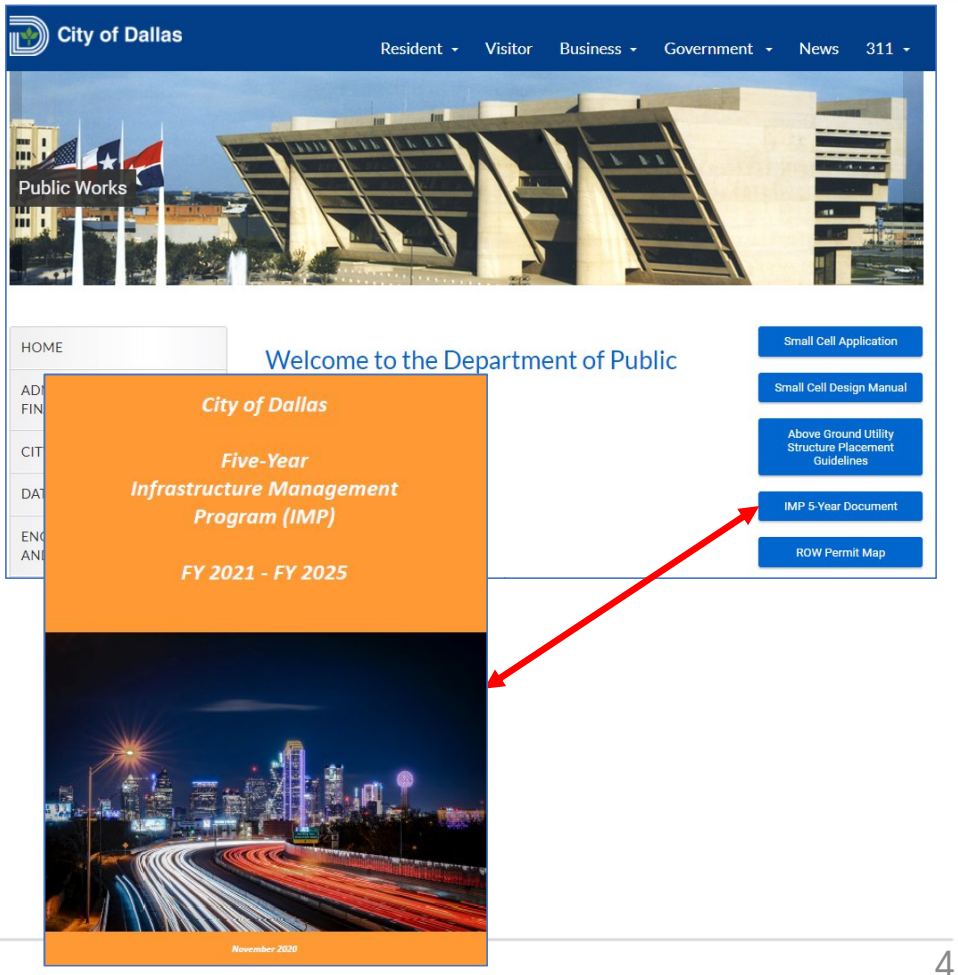
Five-Year IMP Presentation Overview

- Five-Year IMP Background
- Streets and Degradation
- Sidewalks and Sidewalk Masterplan
- Unimproved Alley Program
- Bridge Maintenance Program

Five-Year IMP Background

Five-Year IMP Background

- The Five-Year Infrastructure Management Program (IMP) is a rolling list of all streets, alleys, sidewalks, and bridges programmed for maintenance (outside of bond or other capital programs) over the next five years.
- Each year, the IMP is calibrated to the annual budget and posted online in November (found on Public Works webpage).



Five-Year IMP Background

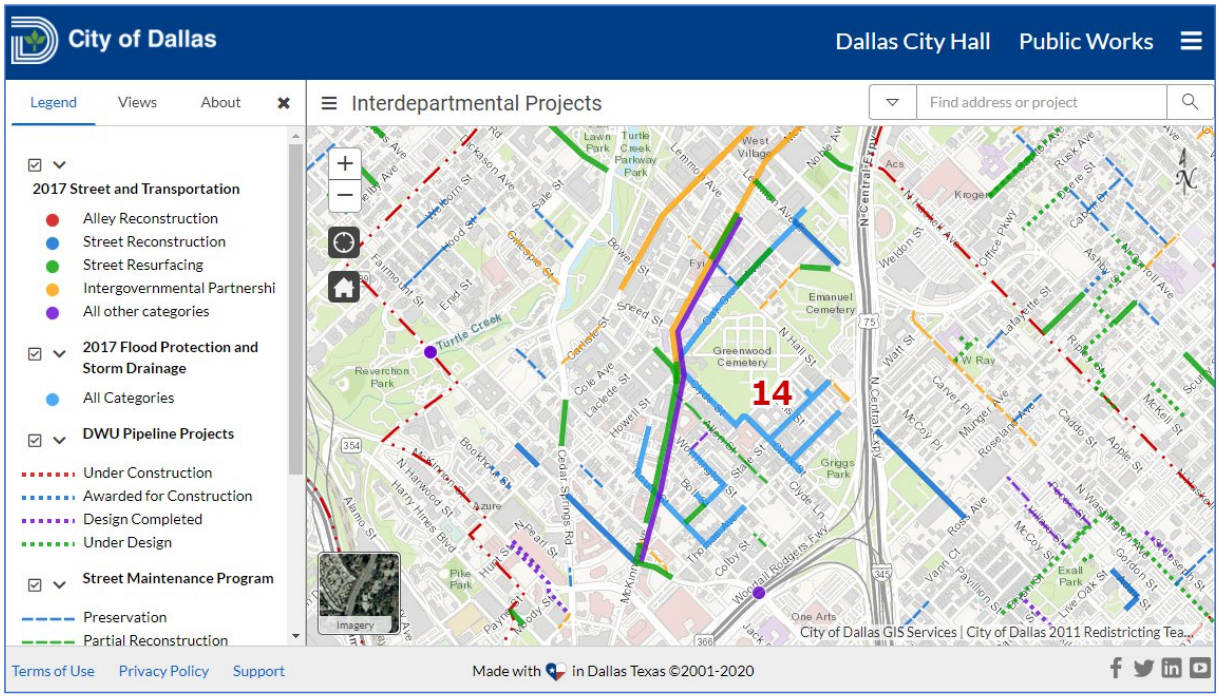
- The first Five-Year IMP was developed in FY 2018 to increase transparency and plan infrastructure improvements based upon multiple funding scenarios.
- Prior to FY 2018:
  - Only bond programs were created based upon multi-year plans,
  - Maintenance dollars were fixed by treatment type,
  - There was limited data available to the public, little coordination of projects, and a lack of transparency of coming projects.

Five-Year IMP Background

- This 3rd annual IMP includes:
  - Funding levels for each program (streets, alleys, sidewalks, and bridges),
  - Analysis of pavement condition index (PCI) ratings and degradation funding levels,
  - Assumptions of coordination of projects such as bond projects and Dallas Water Utilities projects.

Five-Year IMP Background

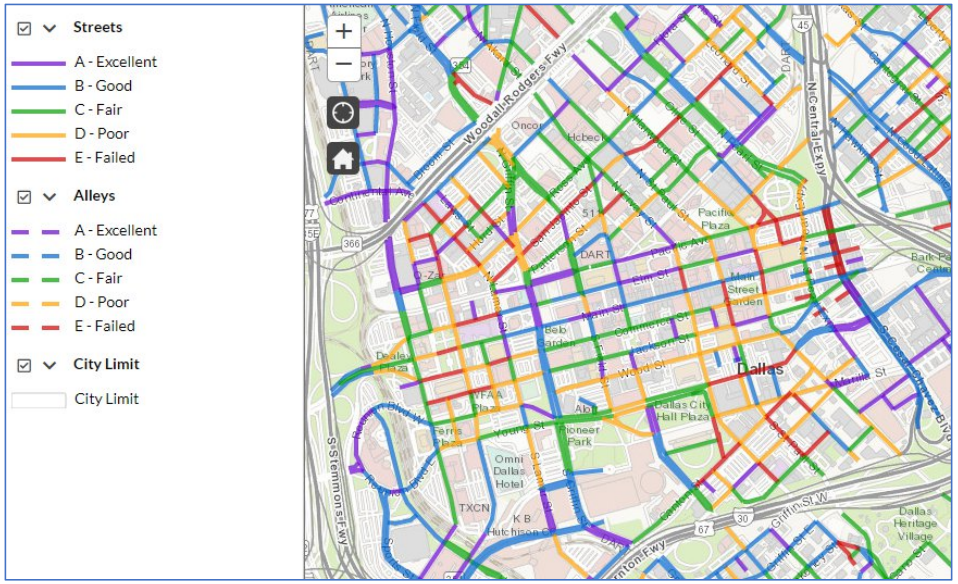
- The IMP allows for opportunities for project collaboration as well as to identify and mitigate project conflict (reduces cutting of new streets)



Project Coordination Map updated annually and used to identify project conflicts and opportunities for collaboration.

Five-Year IMP Background

- Continual IMP improvements include:
  - Proactive updates of PCI scores (previously completed annually through contract),
  - Updating Pavement Management Model to optimize programming of current funds and prepare for the next bond program.



Pavement Condition Map now updated as project are completed; also tied to restoration requirements for pavement cuts.

Five-Year IMP Background

- The FY 2021 IMP includes $137.7M for streets, sidewalks, alleys, and bridges

Proposed Five-Year IMP Program Budgets						
Program	*FY 21*	*FY 22*	*FY 23*	*FY 24*	*FY 25*	*Total*
Streets - Bond	$63.2M	$87.3M	$113.6M*	$50.0M**	$50.0M**	*$364.0M*
Streets - Maint.	$61.2M	$61.7M	$61.7M	$61.7M	$61.7M	*$308.1M*
Bridge	$1.0M	$1.0M	$1.0M	$1.0M	$1.0M	*$5.0M*
Sidewalks	$10.7M	$4.5M	$2.2M	$2.2M	$2.2M	*$21.8M*
Alleys- Unimproved	$1.6M	$1.6M	$1.6M	$1.6M	$1.6M	*$8.0M*
Alleys - Improved	$0.0M	$2.0M	$2.0M	$2.0M	$2.0M	*$8.0M*
Total	*$137.7M*	*$158.1M*	*$182.1M*	*$118.5M*	*$118.5M*	*$715.0M*

- Greyed out boxes are subject to annual appropriations
- * $113.6M assumes $25M in future bond funding for resurfacing projects
- ** Assumes a future bond program

Five-Year IMP Background

- Equity Distribution:
  - Public Works' goal to spend $8.6M in historically underserved areas,
  - A total of $11.5M and 423 projects were programed in historically underserved areas (goal exceeded by 34%).

Category	No. Of Projects	Length/Area	Unit	Budget
Streets	365	102.7	Lane Miles	$9,175,000
Sidewalks	5	2.6	Linear Miles	$1,440,000
Alleys	53	6.4	Linear Miles	$925,000
Total	423	111.7		$11,540,000

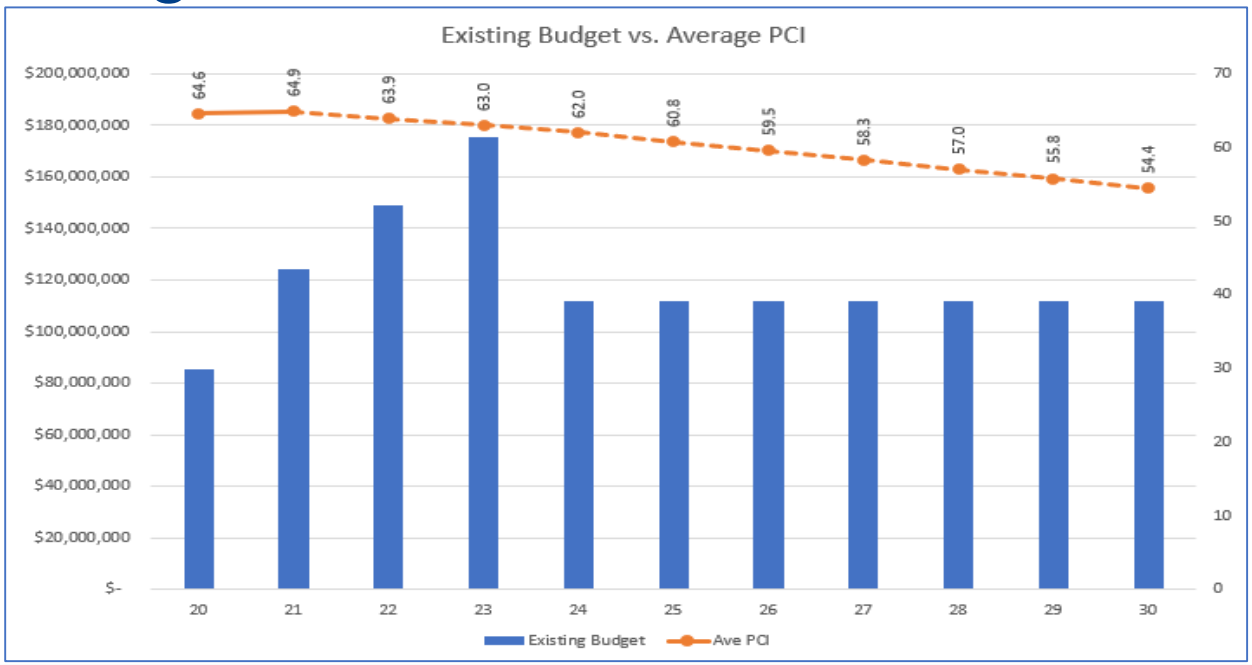
Streets and Degradation

Streets and Degradation

- Of the $137.7M in the FY21 IMP, $95.0M is for 757 lanes miles of resurfacing and reconstruction, street maintenance and preservation.
- Street maintenance and preservation includes applications such as:
  - Resurfacing
  - Partial reconstruction
  - Slurry seal

Streets and Degradation

- Current funding levels result in an average one percentage point reduction of PCI (currently 64.6) through FY 2030.



Streets and Degradation

- An annual average budget of $347.0M would be needed to maintain zero-degradation of our street network through FY 2030.
  - The FY 2020 IMP identified an average annual budget of $314.6M needed to maintain zero-degradation.
  - The increase to $347.0M is based upon higher contractual prices and adding last year's shortfall; this increasing trend will continue with deferment of maintenance.
- An average annual budget of $493.1 would be needed to increase our average PCI street ratings by one percentage point annually, through FY 2030.

Streets and Degradation

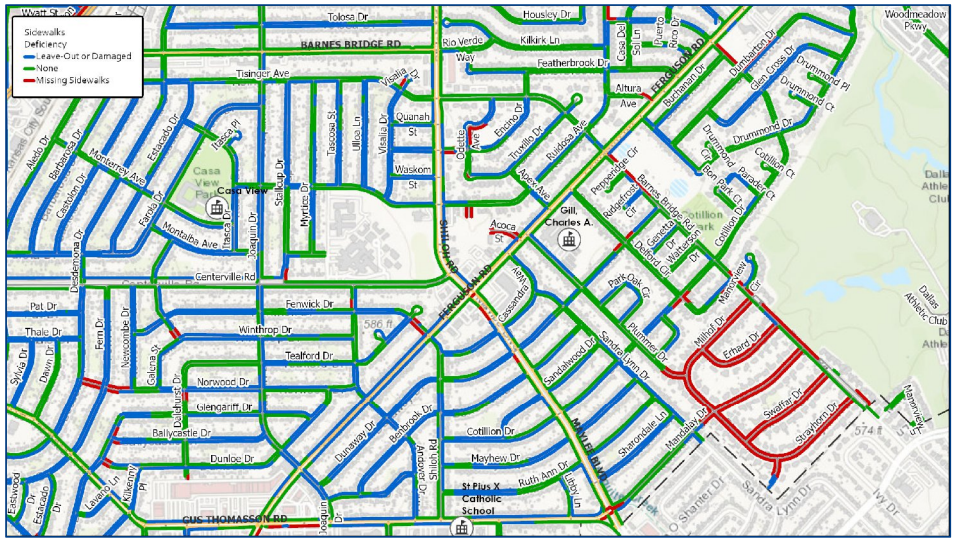
- To mitigate degradation and budget needs, Public Works:
  - Is working with a consultant to update its pavement management models – available early calendar year 2021,
  - Is implementing a new in-house Onyx seal program – will save $600K in FY 2021; could be expanded in FY 2022 to save another $600K for a total program savings of $1.2M compared to new contractual prices.

Streets and Degradation

- To mitigate degradation and budget needs, Public Works (continued):
  - Has extended its current slurry and micro seal contract to save $980K in FY 2021 compared to new contractual prices,
  - Will continue evaluating options to expand its in-house programs for future savings and efficiencies,
  - Will explore partnership opportunities (ex. $1.6M in Dallas County funding in FY 2020).

Sidewalks and Sidewalk Masterplan

Sidewalks and Sidewalk Masterplan



Sidewalks
Deficiency
- Leave-Out or Damaged
- None
- Missing Sidewalks

- The City's sidewalk inventory includes 4,277 miles, of which:
  - 1,942 miles have no deficiencies,
  - 2,335 miles are damaged or have leave-out
  - Estimated 1,759 miles of missing sidewalk

Sidewalks and Sidewalk Masterplan

- The FY 2021 IMP includes $10.7M for 25 miles of sidewalks.
- Five (5) projects for 2.6 miles are in the newly defined Equity Zone.
- Approximately $6.2M of sidewalks will be started while the Sidewalk Masterplan is being completed.

Example of Sidewalk program repairs

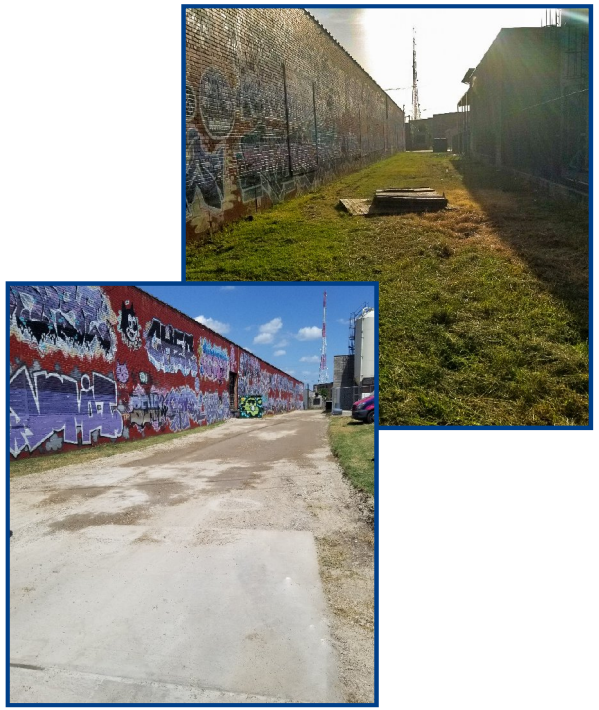
Sidewalks and Sidewalk Masterplan

- The Sidewalk Masterplan will prioritize:
  - Sidewalks gaps that exist within the City,
  - Areas historically underserved,
  - Areas near schools, places of congregation,
  - Connectivity throughout neighborhoods.
- The Sidewalk Masterplan will compliment the City's ongoing ADA transition plan and complete streets projects.

Unimproved Alley Program

Unimproved Alley Program

- The FY 2021 IMP includes $1.6M for 103 unimproved alley segments totalling 11.4 alley miles.
- Public Works maintains an inventory of 134.6 miles of unimproved alleys.
- 53 projects for 6.4 alley miles are in the newly defined Equity Zone.



Deep Ellum Alley
Before and After

Bridge Maintenance Program

Bridge Maintenance Program

- The FY 2021 IMP includes $1.0M to continue with the Bridge Management Firm and 3 bridge maintenance projects.
  - Lemmon Ave, NB over Bachman Lake.
  - Lemmon Ave, SB over Bachman Lake.
  - Military Parkway over UP Railroad.

Bridge Maintenance Program

- In FY 2021, Public Works will work with a Bridge Management Consultant to:
  - Identify and prioritize bridges needing repairs,
  - Assist in coordination with TxDOT as needed,
  - Develop standard specifications for repairs that will be able to be completed in house.

Five-Year Infrastructure Management Program (IMP) FY 2021-2025

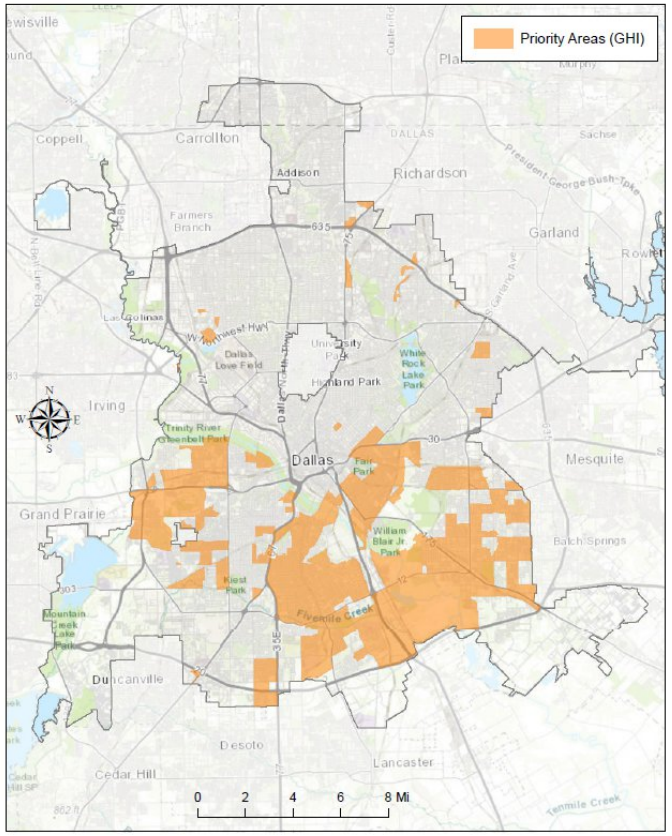
City Council Briefing
November 4, 2020

Robert M. Perez, Ph.D., Director
Ali Hatefi, P.E., Assistant Director
Jennifer Nicewander, P.E., Sr. Program Manager
Department of Public Works
City of Dallas

Equity Distribution

- Areas of Equity were defined using:
  - Market Value Analysis
  - Dallas Policy Map - Predominant Minority Race or Ethnic Groups
  - HUD's Qualified Census Tract for Low Income Areas
  - Social Vulnerability Index The SVI is an index developed by the Center for Disease Control and used to determine how vulnerable a community is after a natural or man-made disaster.
  - Streets in neighborhoods with no sidewalks to promote walkability

PBW Priority Areas, City of Dallas



Agenda Information Sheet

File #: 20-2147 **Item #:** D.

Priority Improvement Zones and Aligned Strategic Streetlighting Plan

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City of Dallas

Priority Improvement Zones and Aligned Street Lighting Plan

City Council Briefing
November 4, 2020

Brita Andercheck, Ph.D., Director,
Office of Data Analytics and Business Intelligence

Michael Rogers, Director,
Department of Transportation

David Pughes, Director,
Office of Integrated Public Safety Solutions

Robert Perez, Ph.D., Director,
Department of Public Works

Presentation Overview

- Background
- Purpose
- Lighting as Public Safety
- Priority Improvement Zones

Aligned Streetlighting Efforts

- TRN: Internal & Partnership Projects
- OIPSS: Public Safety Streetlighting Efforts
- PBW: Bond & RDI & Digital Divide Efforts

Purpose

The purpose of this presentation is to introduce Priority Improvement Zones and provide an overview of aligned efforts of several departments within the City to convert streetlighting fixtures to L.E.D. (Light Emitting Diode).

Background

- Upgrading streetlighting is an ongoing need.
- The city has over 80,000 streetlights, the majority of which are owned and operated by Oncor.
- Majority of our streetlights are High Pressure Sodium (HPS) or Metal Halide (MH), which are both less efficient types of lighting than L.E.D.
- Conversion is an expensive and massive undertaking.

Priority Improvement:
Lighting as Public Safety

- Multiple studies have shown the efficacy of utilizing enhanced L.E.D. lighting as a crime deterrent.

- Lighting moves beyond eliminating the darkness that provides criminal anonymity and into the realm of increasing a neighborhood's sense of safety and desirability.

- This plan presents a range of strategic solutions focused on transforming the lighting landscape and improve public safety throughout the city.

Priority Improvement:
Lighting as Public Safety

- This streetlighting plan is a collaborative effort to support the needs of the community and public safety improvements in Dallas.

- It is an ongoing partnership between:
  - Department of Transportation
  - Department of Public Works
  - Office of Integrated Public Safety Solutions

  - This work is not possible without the support of:
  ITS, Housing, Code, DPD, and Community Prosecution

Aligned Streetlighting Efforts

- This is not just a multi department effort, but an effort reaching across multi funding sources.
- The task of replacing all streetlights in the city is estimated to be over $200 million.
- The aligned approach outlined here maximizes our ability to deliver projects in the next 1 to 5 years.

Aligned Streetlighting Efforts

Because of the scope of this task, streetlighting was broken into phases:

1. Phase 1- Internal TRN Conversions in Priority Zones
2. Phase 2- MCIP Projects
3. OIPSS ongoing efforts
4. Covid-Response- Digital Divide Streetlighting Wi-Fi

Aligned Streetlighting Efforts

The City has developed and implemented several equity and public safety based aligned efforts to convert streetlighting.

TRN

- 2012 BOND Funds
- MCIP 7th Call

OIPSS

- FY21 Budget

PBW

- 2017 BOND
- CARES Funding

Approach to the Streetlighting Challenge

- Given the size of this task, a tool was initially developed as a tool to address areas with the most immediate streetlighting needs.

- This tool was also used more broadly to align strategic priorities throughout the city and funnel investment.

What is a Priority Improvement Zone?

- Priority Improvement Zones are areas in the City of Dallas that have been identified as having urgent need.
- These zones were developed utilizing several factors, which aligned multiple department's economic, equity and safety focus areas.
- They represent a collaborative and comprehensive approach to enhancing City-focused, data-driven decision-making by guiding safety and investment strategies.

Priority Improvement Zone Methodology

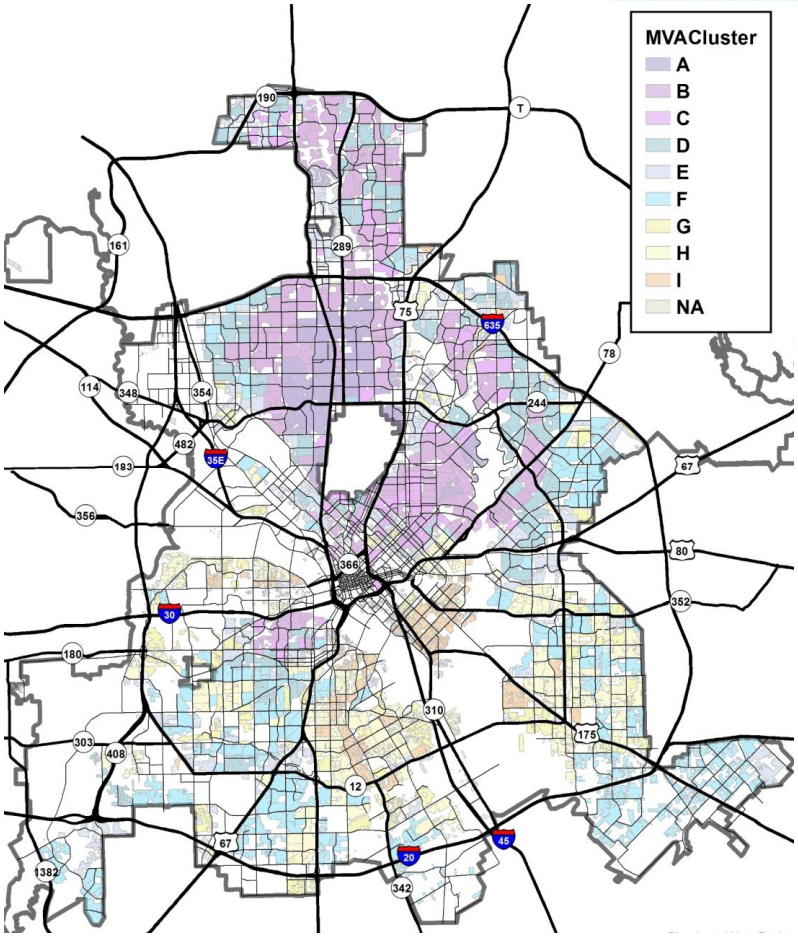
The elements included:

1. Market Value Analysis to evaluate the real estate market
   Planning & Urban Design
2. Areas with high crime – Target Area Action Grid
   Dallas Police Department
3. Areas with violent crime density – Violent Crime Reduction Program
   Dallas Police Department
4. Areas with high poverty rates – RECAP
   University of Texas at Arlington
5. Areas with high economic stress – Opportunity Zones
   U.S. Department of Treasury
6. Areas in need of housing development and improvement
   Planning & Urban Design with Department of Housing
7. Areas that align with the High Injury Network – corridors with fatalities & severe injuries
   Department of Transportation

Priority Improvement Zone Methodology

Element 1:
Market Value Analysis (MVA)

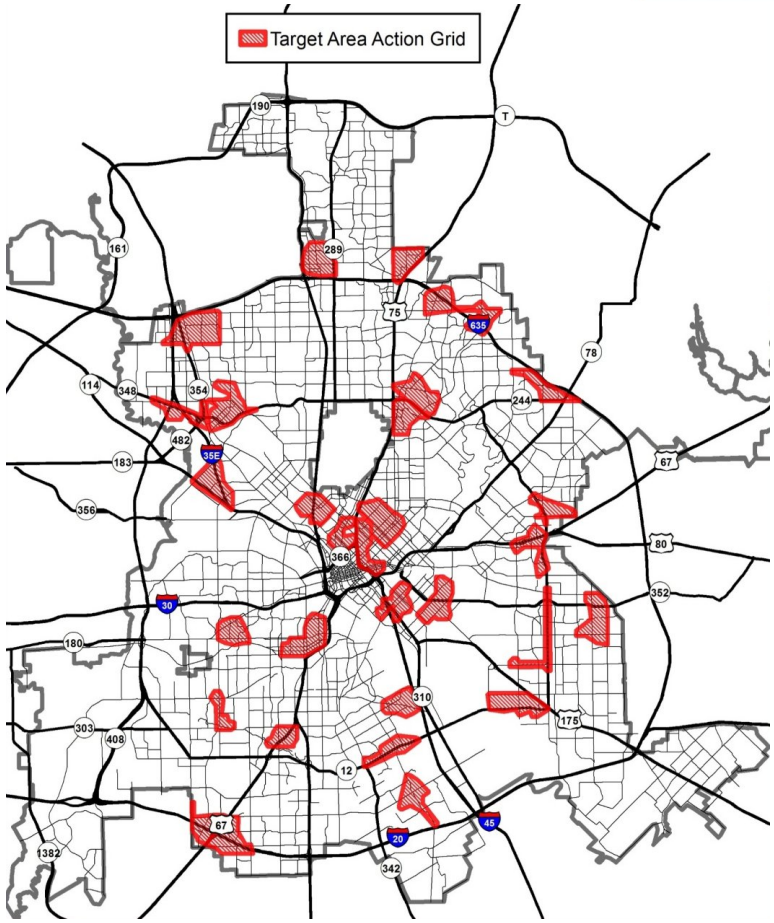
- Developed by Planning and Urban Design Department
- Analytical tool to assist policymakers, residents, and other stakeholders to understand the local residential real estate market



Priority Improvement Zone Methodology

Element 2:
Target Area Action Grid (TAAG)

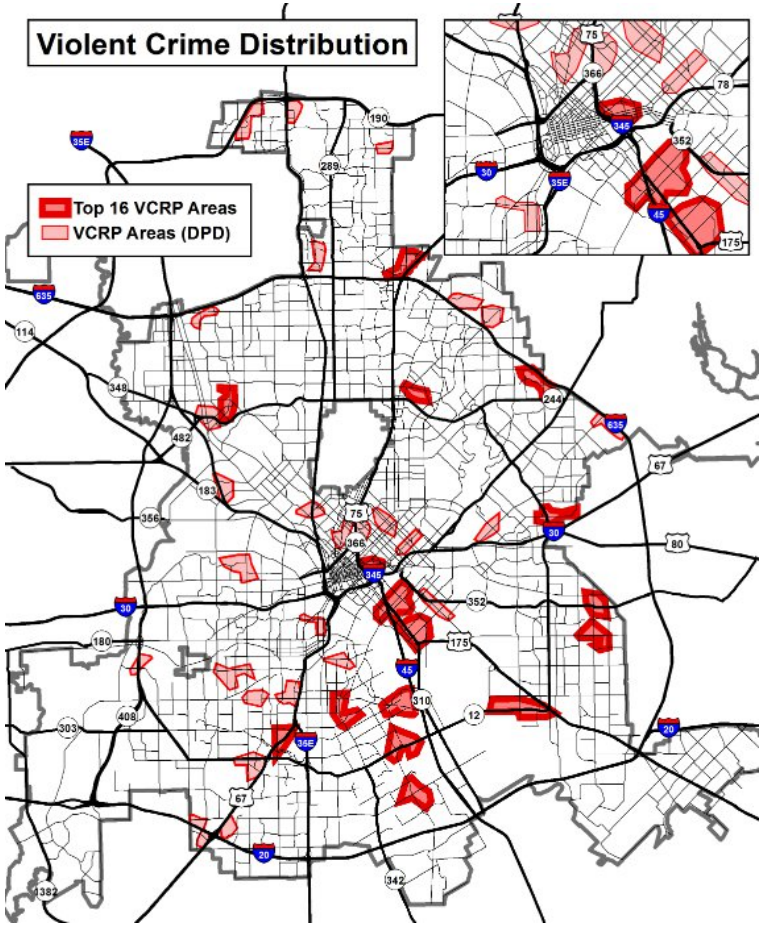
- Developed by the Dallas Police Department
- Areas designated as crime-concentrated
- Locations with increased likelihood of victimization and criminal behavior.



Priority Improvement Zone Methodology

Element 3:
Violent Crime Reduction Program (VCRP)

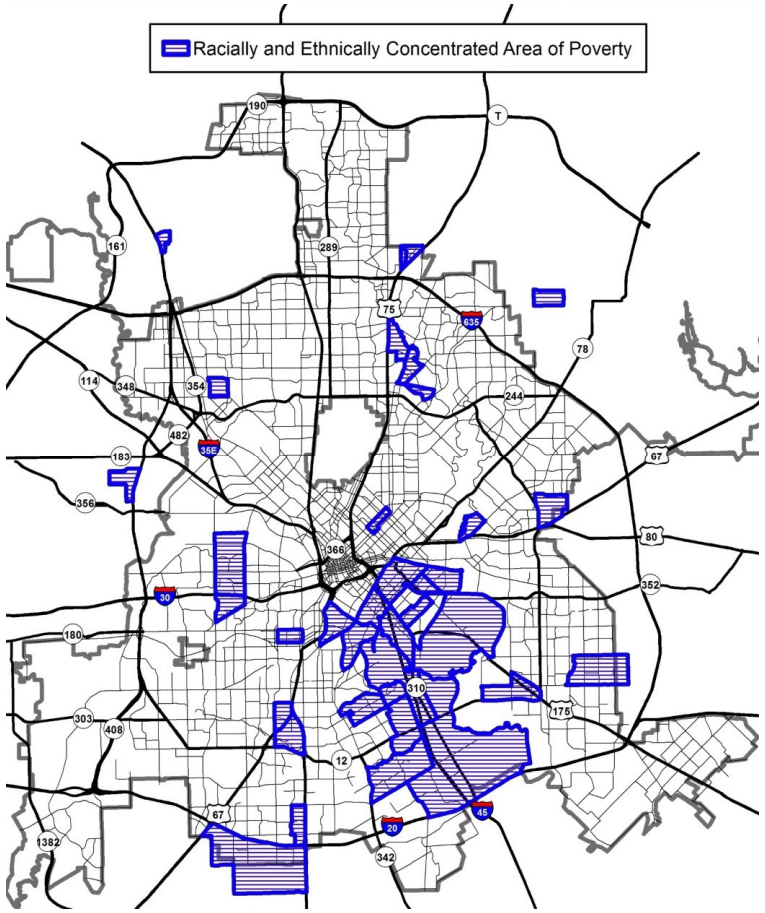
- Developed by the Dallas Police Department
- Areas designated with violent crimes (murder, manslaughter, robbery, and aggravated assault)



Priority Improvement Zone Methodology

Element 4:
Racially and Ethnically Concentrated Areas of Poverty (R/ECAP)

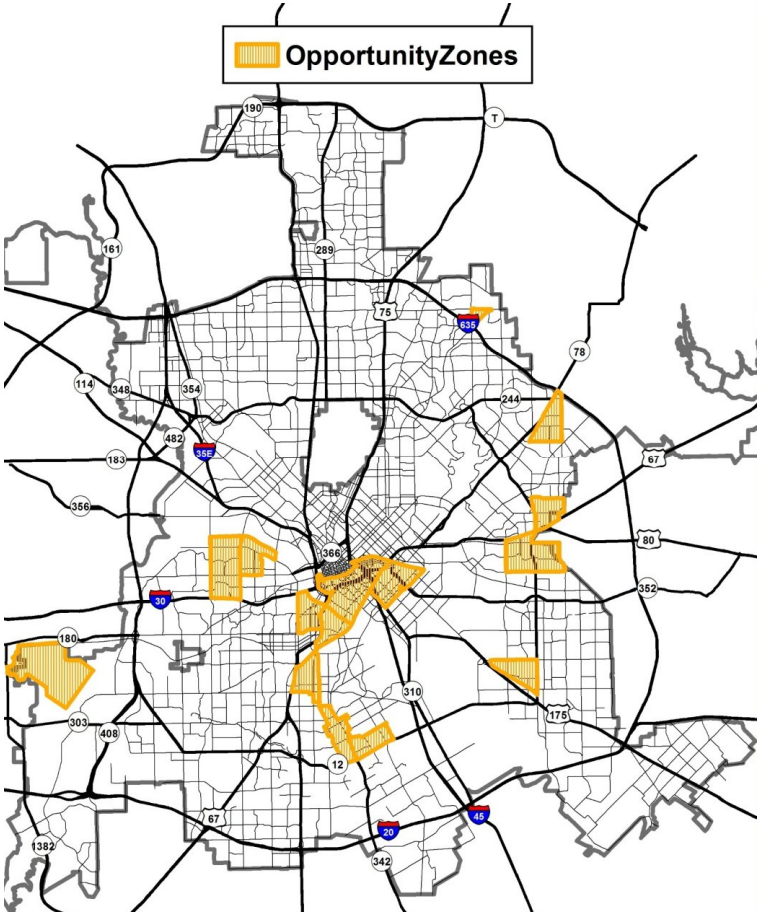
- Based on a study by the University of Texas at Arlington
- Utilized to meet the HUD directive to affirmatively further fair housing opportunities
- Served to aid in understanding poverty themes, such as barriers to transportation access opportunities.



Priority Improvement Zone Methodology

Element 5:
Opportunity Zones

- Census tracts that have been designated by a state or territory and certified by the U.S. Treasury as eligible to receive investment through qualified Opportunity Funds.
- These zones were created to spur investment in economically distressed communities.

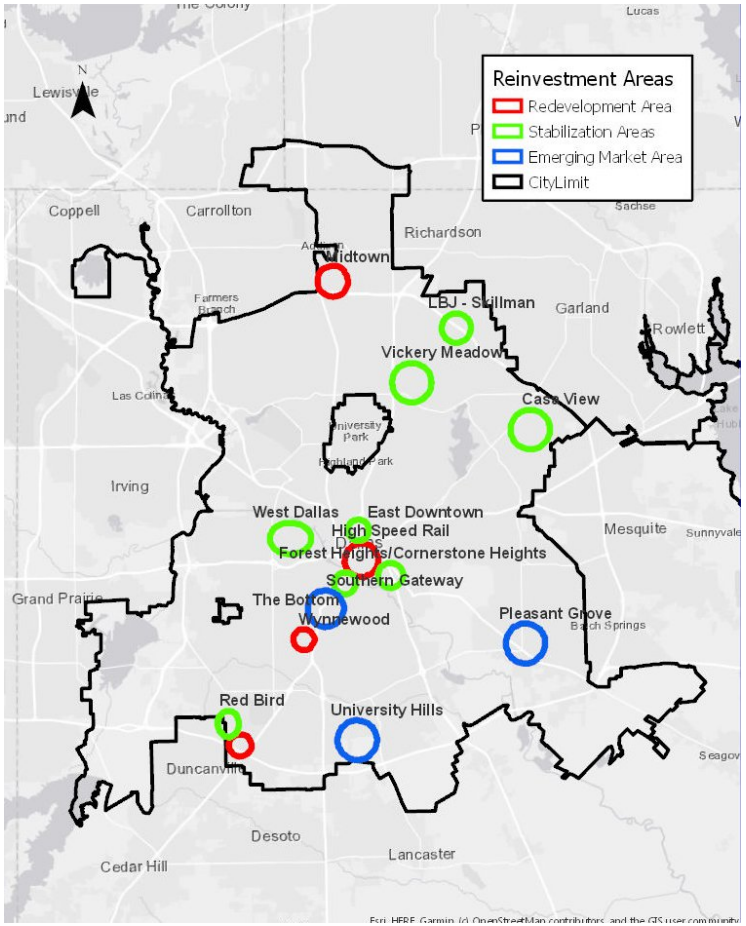


Priority Improvement Zone Methodology

Element 6:
Reinvestment Areas

- Developed by Planning and Urban Design
- Includes:
  - Redevelopment Areas
  - Stabilization Areas
  - Emerging Markets Areas

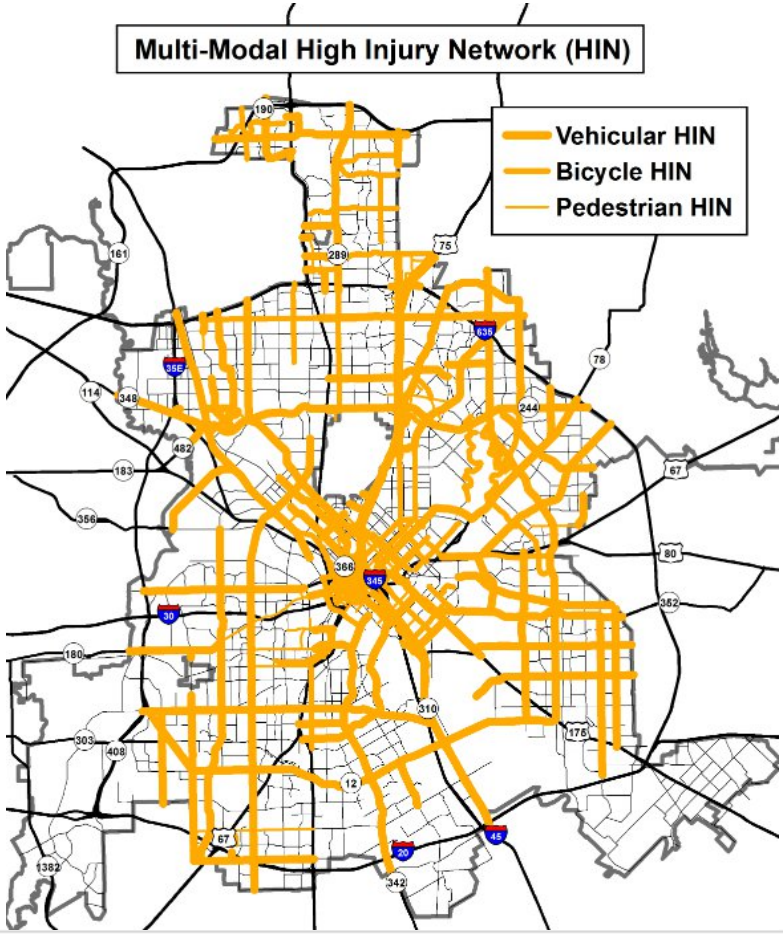
*full definitions in Appendix



Priority Improvement Zone Methodology

Element 7:
High Injury Network

- Developed by the Department of Transportation
- An assessment tool to identify corridors across the city that have the highest rates of fatalities and severe injuries per mile.

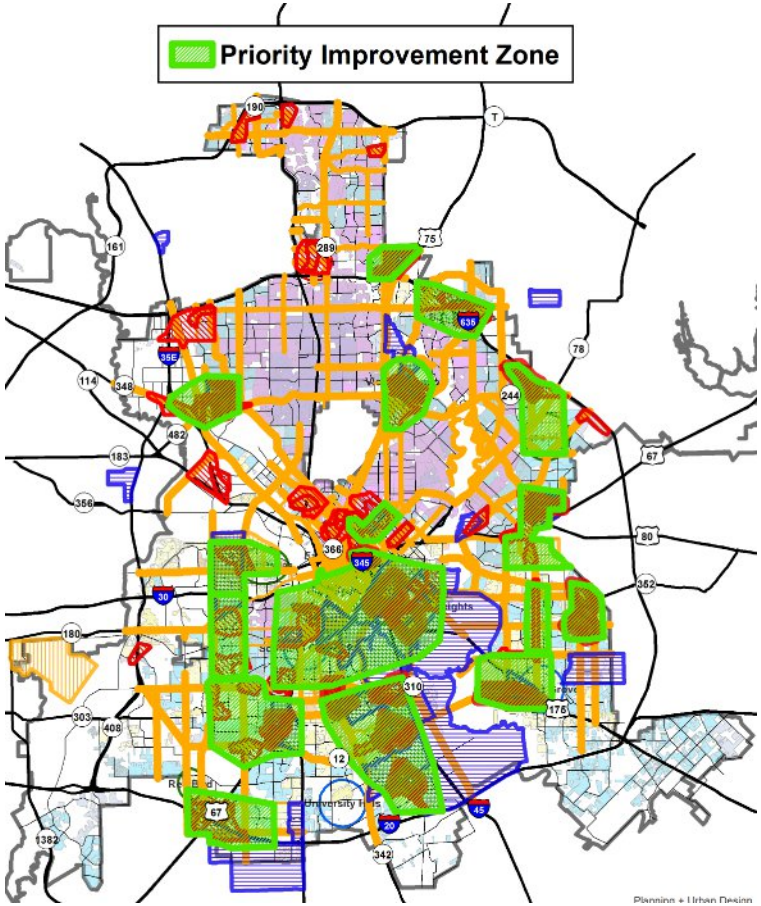


Priority Improvement Zone Methodology

Spatial Analysis

- Overlaid all spatial data from collaborating departments and identified areas where three or more factors converged. This overlay created the 16 priority zones to focus on.

* Matrix Table included in Appendix IV



16 Priority Improvement Zones

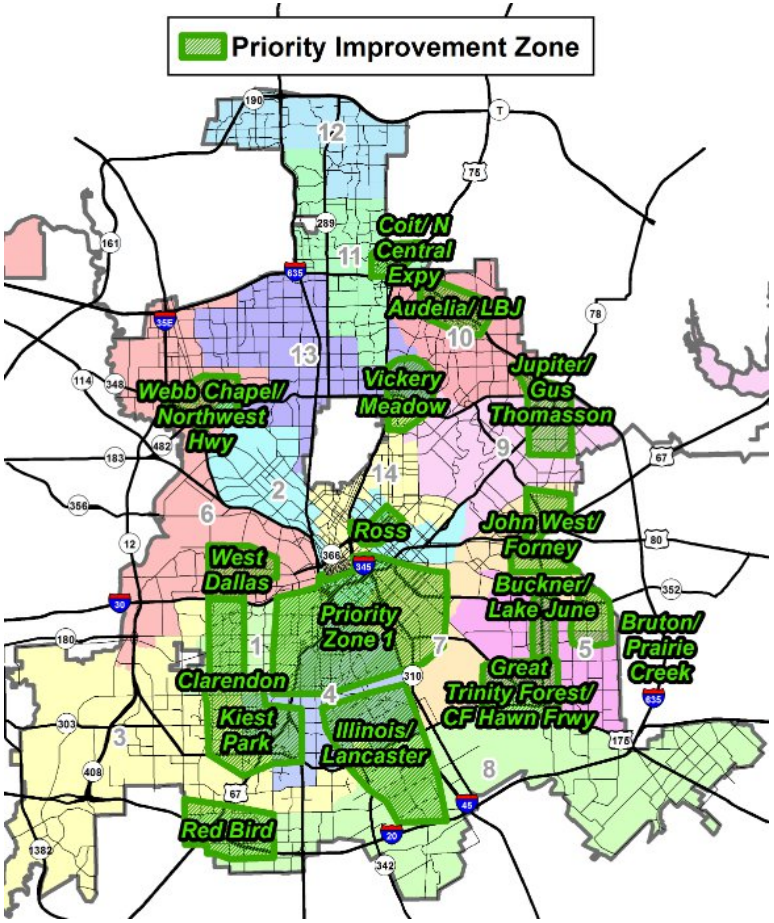
16 Priority Improvement Zones

In Alphabetical Order:

1. Audelia/LBJ
2. Buckner/Lake June
3. Bruton/Prairie Creek
4. Clarendon
5. Coit/N Central Expwy
6. Great Trinity Forest/CF Hawn Frwy
7. Illinois/Lancaster
8. John West/Forney
9. Jupiter/Gus Thomasson
10. Red Bird
11. Kiest Park
12. Priority Zone 1
13. Ross
14. Vickery Meadow
15. Webb Chapel/Northwest Hwy
16. West Dallas

Overlaid all spatial data from collaborating departments and identified areas where three or more factors converged.

*Matrix Table included in Appendix



Priority Improvement Zone Methodology

- Priority Improvements Zone are a living tool, and the data is updated annually.
- Goal is to see zones shrink or shift after interventions and investment.
- This tool provides a citywide, data driven strategic approach to guide the City's safety and community investment strategy.

Aligned Streetlighting Efforts

Several Departments will discuss their current efforts:

1. Phase 1- Internal TRN Conversions in Priority Zones (Mike Rogers)
2. Phase 2- MCIP Projects (Mike Rogers)
3. OIPSS ongoing efforts (David Pughes)
4. Covid-Response- Digital Divide Streetlighting Wi-Fi (Robert Perez)

TRN Priority Improvement Phase I:

City L.E.D. Conversion

- Infrastructure Ownership: City
- Number of Bulbs to be Converted: approx. 1000
- Delivery Timeline: 8-12 months
- Estimated Cost: $500,000
- Estimated Ongoing Operational Impact: savings of $1000/month

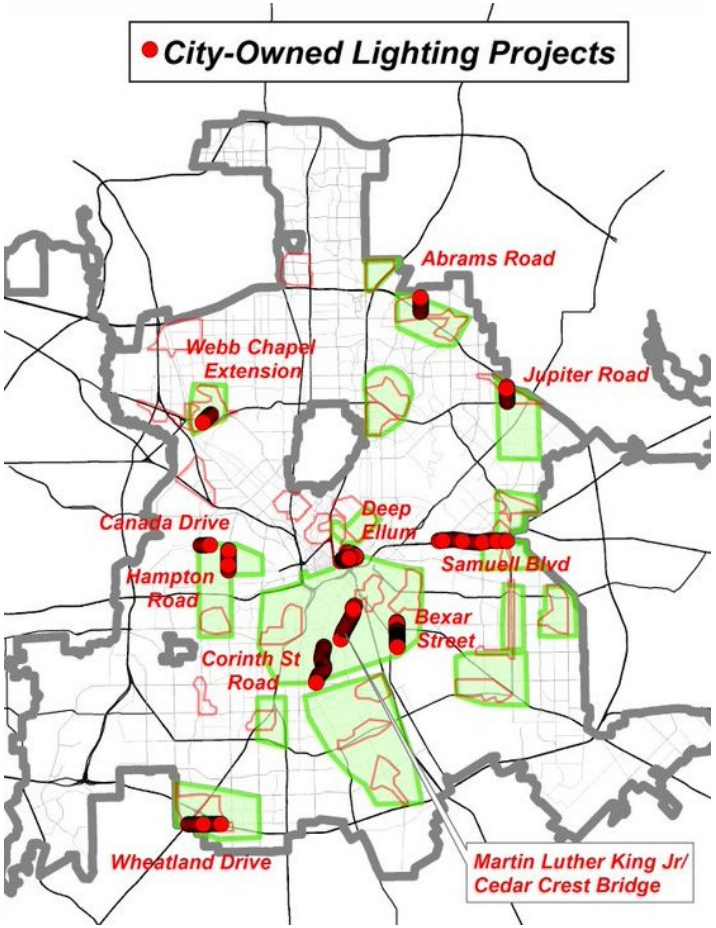
Priority Improvement Phase I:

City L.E.D. Conversion Strategy:

- Concentrated in Priority Improvement Zones
- Targeted City-owned infrastructure because:
  1. Convert quickly (in-house team)
  2. Lower cost to convert to L.E.D. than Oncor-owned
  3. Future operational cost savings

Priority Improvement Phase I:

City LED Conversion: Project Locations



Priority Improvement Phase II:

Partnership Projects Strategy:

- These are areas in great need that require larger scale infrastructure improvements.
- Infrastructure Improvements:
  1. Traffic signals
  2. Pedestrian improvements
  3. Streetlighting incorporated in these projects

Priority Improvement Phase II:

Partnership projects strategy:

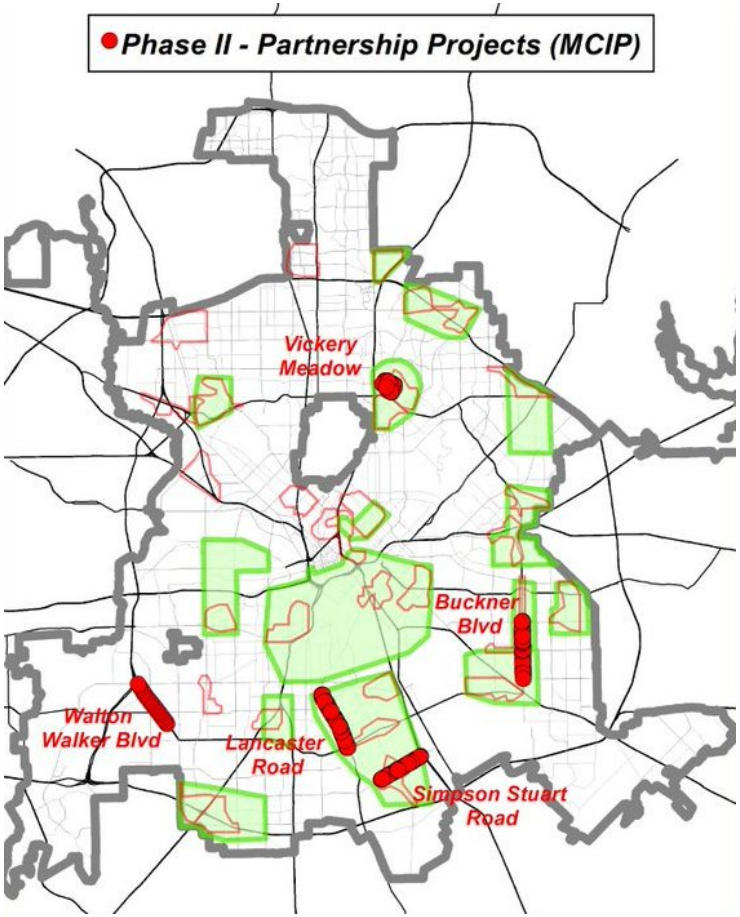
Scope: Major capital improvement projects

- Infrastructure ownership: City conversion
- Number of streetlights converted: approx. 500
- 5 major projects

Priority Improvement Phase II:

Partnership Projects Strategy:

1. Walton Walker (D3)
2. Lancaster (D3 & D4)
3. Simpson Stuart (D8)
4. Buckner Blvd (D5)
5. Vickery Meadows (D13)

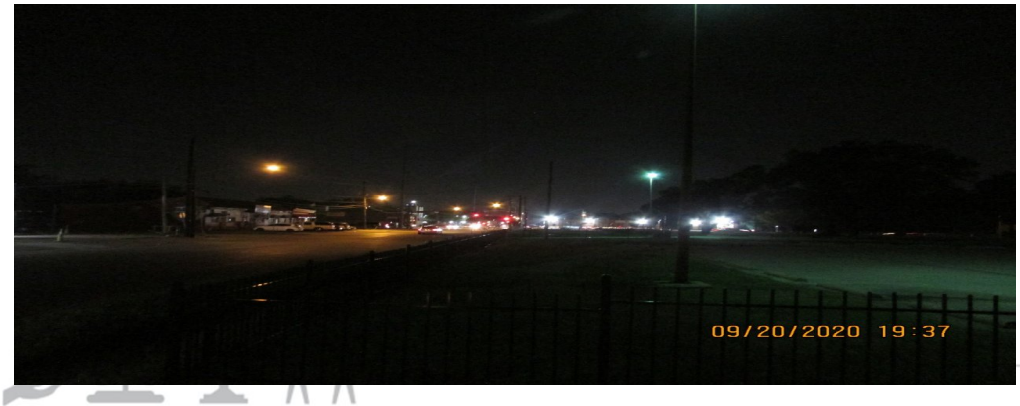


OIPSS Lighting Ongoing Efforts

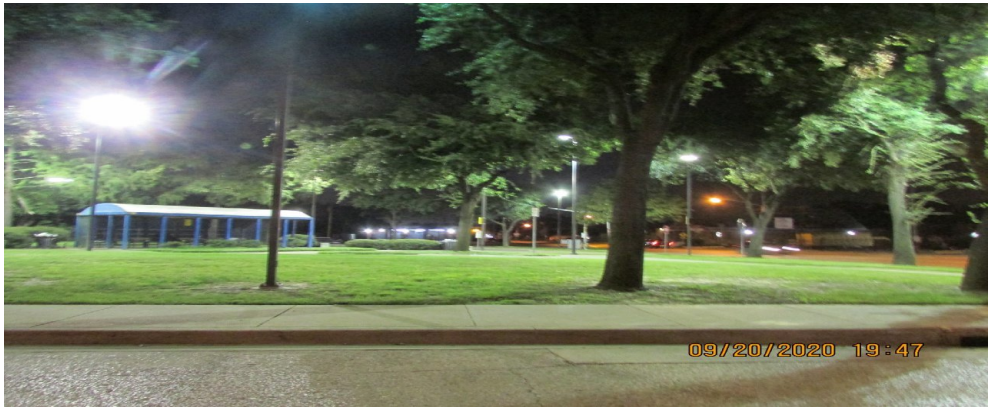
- The Office of Integrated Public Safety Solutions (OIPSS) conducts in-depth crime analysis and utilizes Risk Terrain Modeling (RTM) to identify and map high risk areas in the city.
- OIPSS implements and coordinates improvements to the physical environment in these high-risk areas through the installation of new and improved lighting to promote public safety and prevent crime.
- OIPSS is currently working to upgrade lighting in the Malcolm X/Marburg high risk focus area.
  - Oncor streetlights in the commercial corridor along Malcolm X will be converted from high pressure sodium to L.E.D.

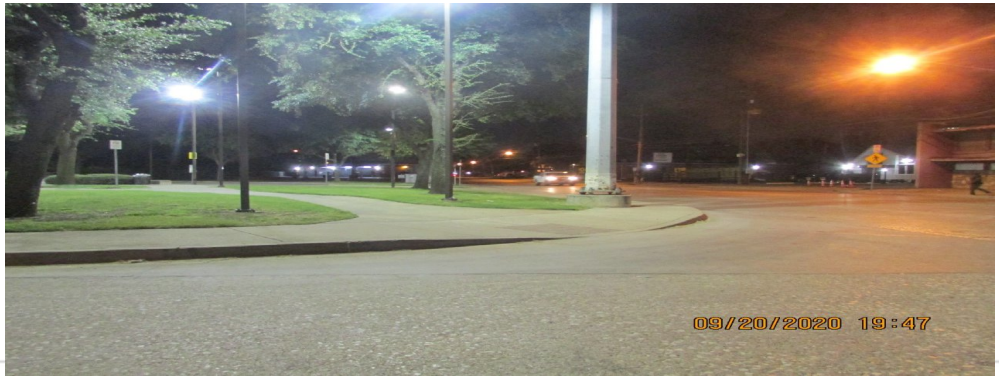
OIPSS Lighting Ongoing Efforts

4500 Malcolm X Blvd



DART Station 4523 Malcolm X Blvd





OIPSS Lighting Ongoing Efforts

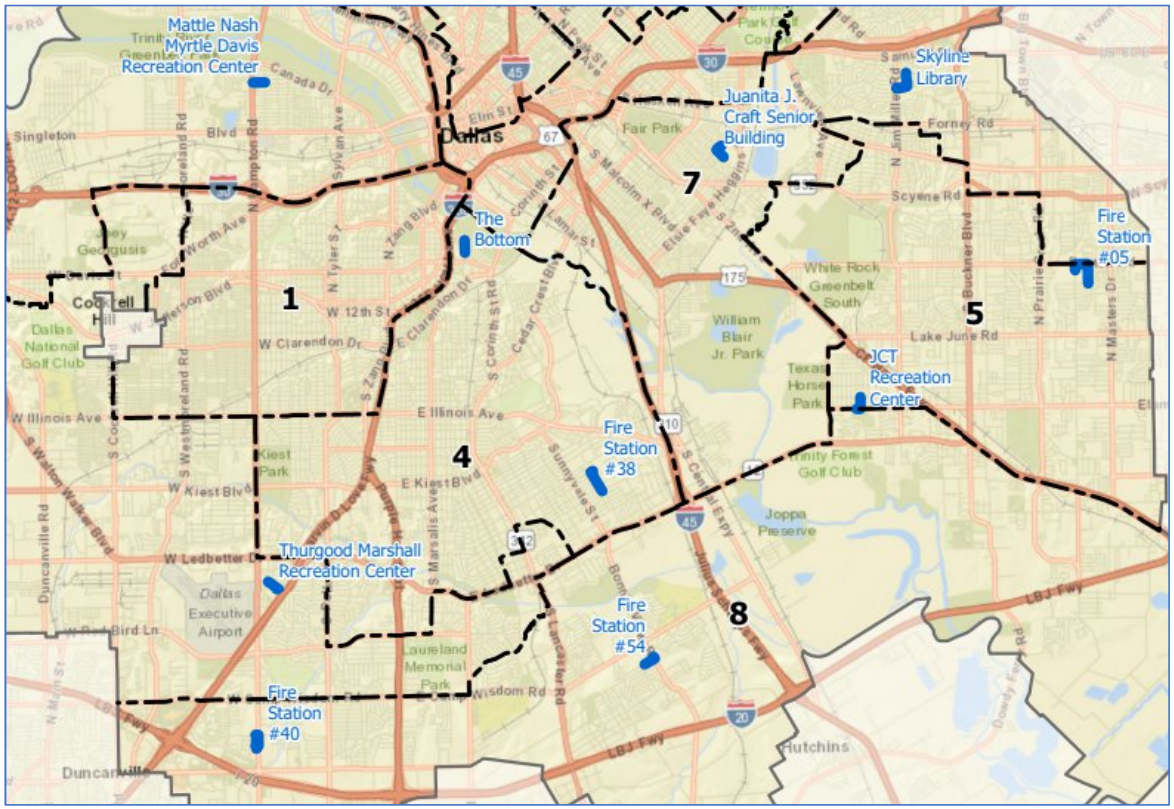
- OIPSS and the Child Poverty Action Lab have conducted additional data driven research to identify areas for lighting improvements.
- These locations were developed through the following overlaid spatial data factors:
  - Number of lights
  - Historical nighttime criminal activity
  - Dallas Police Department target areas
  - Violent crimes involving firearms
  - Risk Terrain Modeling
  - Blighted areas – (Identified areas of crime, abandoned and dilapidated buildings and vacant lots

Streetlight Wi-Fi Pilot Projects

- While also addressing the digital divide, a multi-departmental team is installing (10) streetlight and Wi-Fi pilot projects in low internet access areas
  - Wi-Fi will be available to residents on the designated blocks
  - All (10) of the pilot projects are within the Streetlight Priority Improvement Zones
  - Seven (7) of the pilot projects are within priority zones identified by the Mayor's Safety Task Force

Streetlight Wi-Fi Pilot Projects

- Map of (10) Streetlight Wi-Fi Pilot Projects
- Pilot projects will include telecommunications fiber from the nearest City facility
- Use of CARES Act funding requires project completion by December 30, 2020



Streetlight Wi-Fi Pilot Projects

The (10) Streetlight Wi-Fi Pilot Projects include:

1. Thurgood Marshall Recreation Center: Ariel from Mark Trail to Dove Creek (CD 3)
2. Fire Station #38: Cicero from Wilhurt to Dove Creek (CD 4, MTF)
3. Eloise Lundy Recreation Center: Denley from Hutchins to Reverend CBT Smith (CD 4, MTF)
4. Fire Station #5: Corvette from Bruton to Limestone (CD 5, MTF)
5. Janie C. Turner Recreation Center: Ezekial from Elam to Hoode (CD 5, MTF)
6. Mattle Nash Myrtle Davis Recreation Center: Bayside from Hampton to Puget (CD 6)
7. Juanita J. Craft Senior Center: Frazier from Spring to Marshall (CD 7, MTF)
8. Skyline Library: Symphony from Everglade to Snowbird (CD 7, MTF (partially))
9. Fire Station #40: Kirnwood from Cul-de-Sac to Cul-de-Sac (CD 8, MTF)
10. Fire Station #54: Pinebrook from Bonnie View to Strawberry Trail (CD 8)

Note: MTF indicates projects within the Mayor's Safety Task Force priority zones

Alignment with other Plans and Initiatives

- The aligned streetlighting plan responds to this immediate need with a collaborative and intentional, multi-departments effort.
- This plan supports the lighting effort in the Mayor's Task Force on Safe Communities, and the efforts laid out in DPD's crime reduction plan.
- This plans also supports the Resilient Dallas strategy goals 6 and 7 – investing in neighborhood infrastructure and investing in sustainable infrastructure.

Next Steps

- Immediate execution of Covid Response Streetlighting Wi-Fi.
- Already started deployment of Phase 1 TRN L.E.D. Conversion.
- Preparing for and awaiting funding for MCIP funds to be available and paired with City Budget.
- Continuing ongoing efforts from OIPSS in coordination with partnering Departments, including Code, Transportation, Public Works, City Attorney.
- Will provide semi- annual progress update.

Questions

- Staff is available for your questions.

City of Dallas

Priority Improvement Zones and Aligned Street Lighting Plan

City Council Briefing
November 4, 2020

Brita Andercheck, Ph. D., Director,
Office of Data Analytics and Business Intelligence

Michael Rogers, Director,
Department of Transportation

David Pughes, Director ,
Office of Integrated Public Safety Solutions

Robert Perez, Ph.D., Director,
Department of Public Works

Appendix I

Terms & Definitions

- Priority Improvement Zones are areas designated by the Department of Transportation (DoT) as zones that qualify as urgent priority for improvement.
- Opportunity Zones are census tracts that have been designated by a state or territory and certified by the U.S. Treasury as eligible to receive investment through qualified Opportunity Funds.
- The Target Area Action Grids (TAAG) are areas designated by the Dallas Police Department (DPD) as crime dense areas and used to identify grids where there is an increased likelihood of victimization and criminal behavior.
- Violent Crime Reduction Program (VCRP) areas are designated by the Dallas Police Department (DPD) as areas with high density of violent crime including, murder, manslaughter, robbery, and aggravated assault.
- R/ECAP – Racially and Ethnically Concentrated Areas of Poverty
- The Department of Transportation (DoT) developed a High Injury Network assessment tool to identify corridors across the City that have the highest rates of fatalities and severe injuries per mile.
- The Market Value Analysis (MVA) is an objective analytical tool developed by Planning & Urban Design that serves to assist policymakers, residents, and other stakeholders to understand the local residential real estate market and help inform policies around housing program design.

Appendix II

Terms & Definitions

REINVESTMENT STRATEGY AREAS: The Housing Policy provides for tiered Reinvestment Strategy Areas to address three (3) market types in need of City investment:

- Redevelopment Areas: A redevelopment area is characterized by a known catalytic project that has submitted a request for funding that shows preliminary viability and will begin within the next 12 months. The project as proposed must contain a housing component and must address the existing market conditions as identified in the MVA and must demonstrate a level of housing production supported through a third-party independent market analysis and show affordability to a mix of income bands.
  - Redevelopment Areas: Midtown, High Speed Rail, Wynnewood, and Red Bird.
- Stabilization Areas: Stabilization areas are characterized as G, H, and I markets that are surrounded by A-E markets and as such are at risk of displacement based on known market conditions including upcoming redevelopment projects. These areas are also where Incentive Zoning and Accessory Dwelling Units should be focused to allow for increased density.
  - Stabilization Areas: LBJ Skillman, Vickery Meadow, Casa View, Forest Heights / Cornerstone Heights, East Downtown, The Bottom, West Dallas, and Red Bird North.

- Emerging Market Areas: These markets are characterized as areas in need of intensive environmental enhancements, master planning and formalized neighborhood organization. In order to facilitate the creation of mixed income developments, the City recommends seeking designation as Neighborhood Revitalization Strategy Areas (NRSA's) through HUD in order to prepare the area for real estate investments in a 3 to 5-year time frame and provide flexibility of use of funds without income qualifications. trust in local government and aid staff in assessing the need for strategic partnerships.
  - Emerging Market Areas: Southern Gateway, Pleasant Grove, and University Hills

Source: Comprehensive Housing Policy
https://dallascityhall.com/departments/housing-neighborhood-revitalization/DCH%20Documents/Adopted%20Housing%20Policy.pdf

Appendix III

Legend Definitions

Priority Improvement Zone
Priority Improvement Zones are areas designated by the Department of Transportation (DoT) as zones that qualify as urgent priority for improvement. These areas are represented in **green.**

Opportunity Zone *(Planning and Urban Design)*
The Tax Cut and Jobs Act of 2017 included the creation of **Opportunity Zones** to spur investment in economically distressed communities. These areas are represented in **orange**.

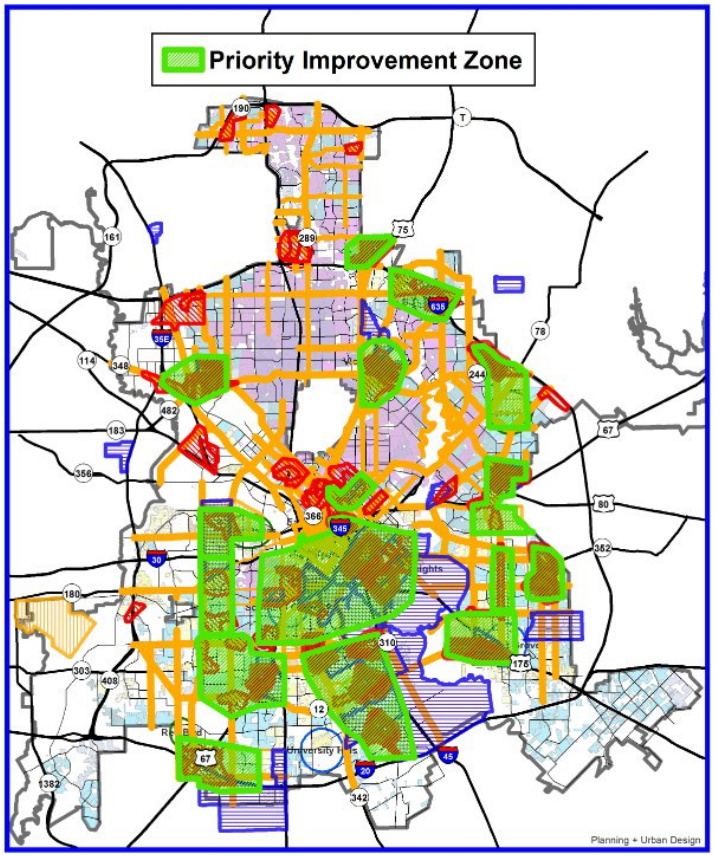
TAAG Area – Target Area Action Grid
The **Target Area Action Grids** (TAAG) are areas designated by the Dallas Police Department (DPD) as crime dense areas and used to identify grids where there is an increased likelihood of victimization and criminal behavior. These areas are represented in **red**.

VCRP Area – Violent Crime Reduction Program
The Violent Crime Reduction Program (VCRP) are areas designated by the Dallas Police Department (DPD) as violent crime dense areas that contain crimes such as, murder, manslaughter, robbery and aggravated assault. These are represented in **deep red**.

R/ECAP – Racially and Ethnically Concentrated Areas of Poverty
Based on a study by the University of Texas at Arlington, and as an element of the City's analysis to meet the HUD directive to Affirmatively Further Fair Housing, identifying **Racially/Ethnically Concentrated Areas of Poverty** (R/ECAP) adds understanding to areas of growing racial/ethnic and economic segregation, inequities, affordability pressures, and barriers to access opportunities (e.g. transportation). These areas are represented in **blue**.

High Injury Network
The Department of Transportation (DoT) developed a **High Injury Network** assessment tool to identify corridors across the City that have the highest rates of fatalities and severe injuries per mile. These areas are represented by **yellow** lines.

MVA -- Market Value Analysis
The **Market Value Analysis** (MVA) is an objective analytical tool developed by Planning & Urban Design that serves to assist policymakers, residents, and other stakeholders to understand the local residential real estate market and help inform policies around housing program design. These areas are represented by color-coded market types (A - I).



Appendix IV

Priority Improvement Zone Name	Council Districts	Ratially and Ethnically Concentrated Areas of Poverty	Opportunity Zones (Planning and Urban Development)	Reinvestment Areas (Housing)	Target Area Action Grid (Police Department)	Top 16 VCRP (Count)	Market Value Analysis Clusters (Planning and Urban Development)	High Injury Network (Transportation Department)	Highly Congested Roads (Transportation Department)
Priority Zone 1	1, 4, 2,7	27.01, 27.02, 34.00, 38.00, 40.00, 41.00, 47.00, 86.03, 89.00, 115.00, 203.00	20.00, 41.00, 54.00, 203.00, 204.00	Forest Heights (Stabilization), Southern Gateway (Emerging Market), The Bottom (Stabilization), Highspeed Rail (Redevelopment)	S Central-Julius Schepps, Elsie Faye Heggins-Scyene, Jefferson Corridor	3	B, C, D, E,G,H,I	Beckley, Cadiz, Corinth, Davis, Malcolm X, Lamar, 2nd, Pine, Martin Luther King Jr,	none
Illinois/ Lancaster	3,4,8	86.03, 86.04, 88.02, 87.01, 114.01, 202.00	57.00, 87.04	none	Priority	4	E,F,G,H,I	Illinois, Ledbetter/ Great Trinity Forest	Illinois
Red Bird	3,8	166.05	none	Red Bird (Redevelopment and Stabilization)	Camp Wisdom-Westmoreland, Camp Wisdom-Chaucer	0	E,F,G,H,I	Hampton, Wheatland, LBJ	Cockrell Hill
Jupiter/ Gus Thomason	9,10	none	127.01	Casa View (Stabilization)	Walnut Hill-Jupiter	1	E, F, G, H	Northwest Hwy, Jupiter, Garland, Gus Thomason, Ferguson	Jupiter, Ferguson, Garland, Shiloh, Northwest Hwy
Audelia/ LBJ	10	none	185.05	LBJ-Skillman (Stabilization)	Greenville-LBJ, Forest-Audelia	0	C,D,E,H	Forest, Skillman, LBJ SR	Forest, Greenville, Audelia, Skillman, Abrams
Great Trinity Forest/ C F Hawn Frwy	5,8	93.04	93.01	Pleasant Grove (Emerging Market)	Loop12-Jim Miller, Lake June-Buckner	1	E,G,H,I	Buckner, Great Trinity Forest	Buckner/ Lake June
Vickery Meadow	9,10,13,14	78.15, 78.20	none	Vickery Meadow (Stabilization)	Central-Southwestern, Five Points	1	E, G, H	Skilman, Central, Northwest Hwy	Northwest Hwy, Greenville, Skillman
Webb Chapel/ Northwest Hwy	2,6	98.04	none	none	Webb Chapel-Timberline	1	E,F,H,G,I	Northwest Hwy, Lombardy, Webb Chapel, Community	Northwest Hwy
John West/ Forney	7	none	122.07, 123.02	none	John West-Buckner, Ferguson-I30	1	D,E,F,G	Samuell, Buckner	Buckner
Ross	2,14	15.03	none	none	Ross-Bennett, Monument-Good Latimer	0	A, C, E, G	Ross, Live Oak, Gaston	Live Oak
West Dallas	6	205.00	205.00	West Dallas (Stabilization)	none	0	D,E,G,I	Hampton/Singleton	Singleton, Hampton, Westmoreland
Bruton/ Prairie Creek	5,7	none	none	none	St Augustine-Bruton	2	E,F,G,H	Scyene, Bruton, St Augustine, Masters	Masters
Coit/ N Central Expy	11	192.12,192.13	none	none	Coit-Spring Valley	1	E,F,H,I	Coit, LBJ, N Central Expwy	Coit, Spring Valley
Buckner/ Lake June	5,7	none	none	none	Lake June-Buckner	0	E,F,H,I	Buckner, Bruton	Buckner
Kiest Park	1,3,4	60.01, 60.02	none	none	Kiest-Polk, Kiest-Westmoreland	1	E,F,G	Loop 12, Beckley	Loop 12
Clarendon	1,3	69.00	none	none	Fort Worth-Davis	0	D,E,F,G,H	Hampton, Westmoreland, Fort Worth	Hampton, Westmoreland

Team Members that made this possible

- Majed Al-Ghafry, CMO
- Michael Rogers, TRN
- Ghassan Khankarli, TRN
- Micheal Driggars, TRN
- Srinivasa Veeramallu, TRN
- Maria Durcanska, TRN
- Heather Murphy, TRN
- Kent Austin, TRN
- Daniel Peters, TRN
- Chief Anderson, DPD
- Chief Pughes, OIPSS
- Sergeant Beatty, DPD
- Robert Perez, PBW