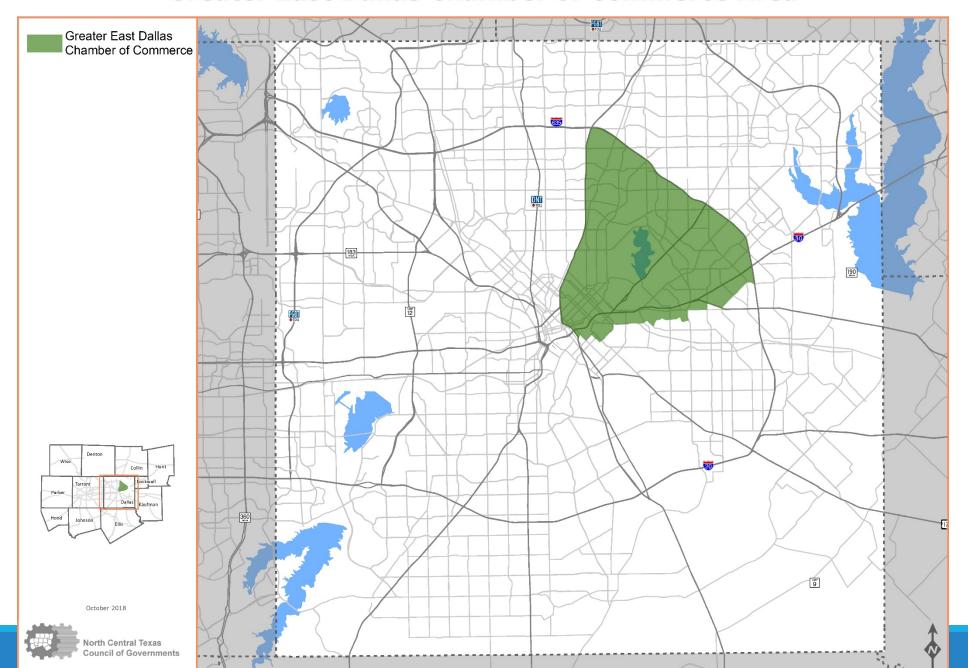
# TRANSPORTATION ISSUES AND HOW EAST DALLAS CONNECTS WITH THE REST OF DALLAS AREA

2018 Economic Summit
East Dallas Chamber Of Commerce
October 16, 2018

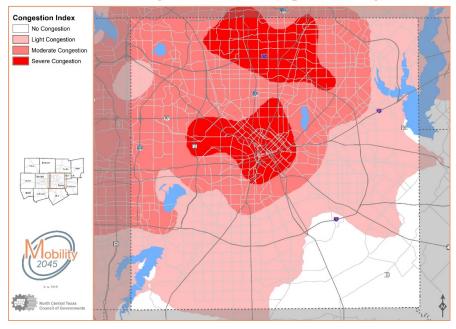
Michael Morris, P.E.
Director of Transportation
North Central Texas Council of Governments

Ashton Strong, P.E.
Transportation Engineer
Texas Department of Transportation

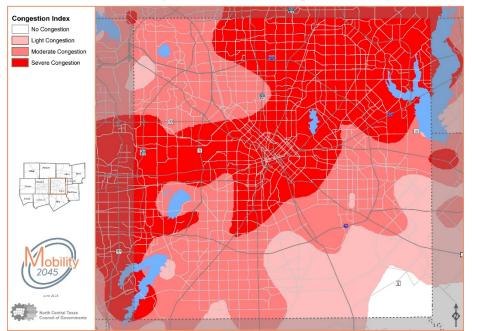
#### **Greater East Dallas Chamber of Commerce Area**



#### **Dallas County: 2018 Levels of Congestion/Delay**



#### **Dallas County: 2045 Levels of Congestion/Delay**



#### **Regional Performance**

2045

Growth

2018

Population	1776		
12-County Region	7,429,723	11,246,531	51%
Greater East Dallas	345,167	415,999	21%
(% of Region)	4.6%	3.7%	

#### **Employment**

12-County Region	4,793,363	7,024,227	47%
Greater East Dallas	235,389	362,985	54%
(% of Region)	4.9%	5.2%	

#### Vehicle Miles of Travel (Daily)

12-County Region	212,248,504	331,319,572	56%
Greater East Dallas	9,346,052	12,431,836	33%
(% of Region)	4.4%	3.8%	

#### Average Speed

12-County Region	36.7	32.6	-11%
Greater East Dallas	31.2	27.0	-13%

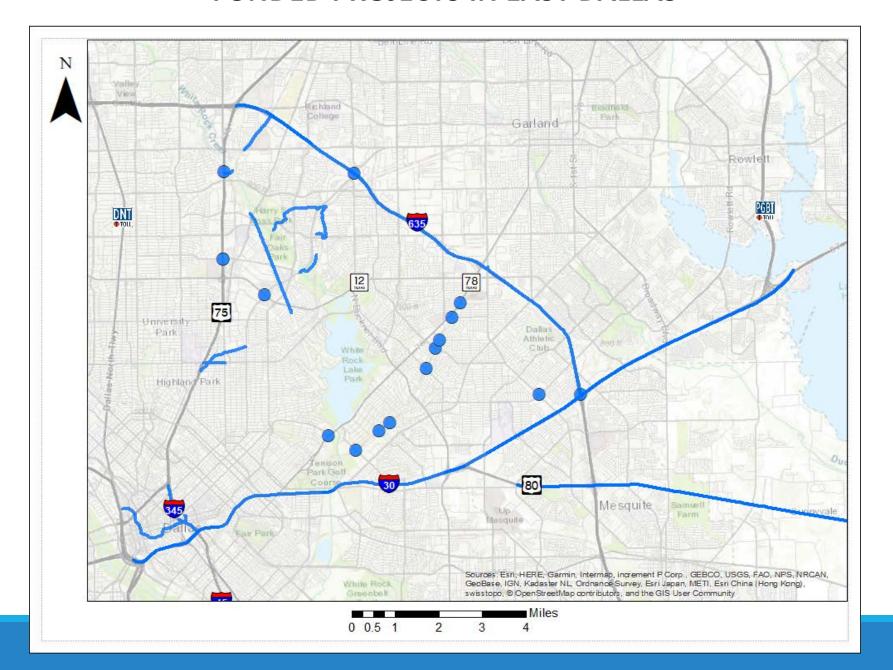
#### % Lane Miles Congested

12-County Region	25.2%	43.7%	74%
Greater East Dallas	49.9%	71.9%	44%

#### Increase in Travel Time Due to Congestion

12-County Region	41.0%	59.1%	44%
Greater East Dallas	60.8%	81.6%	34%

#### **FUNDED PROJECTS IN EAST DALLAS**



#### FUNDED PROJECTS IN EAST DALLAS

FACILITY, LIMITS, AND SCOPE OF WORK	CONSTRUCTION START DATE	TOTAL FUNDING (IN MILLIONS)
IH 30 from IH 35E to IH 45; Reconstruct and Widen (Partially Funded)	Sept 2022	\$85.00
Various Intersection Upgrades Along KCS RR	Jul 2018	\$2.40
SH 78 at Gaston Ave; Reconfigure Intersection	Aug 2021	\$9.00
IH 30 from IH 45 to Bass Pro Drive; Reconstruct and Widen (Partially Funded)	Sept 2023	\$175.00
Mockingbird Lane at US 75; Pedestrian and Bicycle Improvements	Jan 2022	\$5.69
Extend Lake Highlands Bike Trail to White Rock Creek Trail	Sept 2018	\$3.50
Park Lane at US 75, Walnut St at Greenville Ave., Abrams Rd at Richland College; Intersection Improvements	Oct 2018	\$1.30
Lake Highlands Trail Northern Extension	Apr 2020	\$7.40
US 75 at Northaven Rd; Construct Bike/Pedestrian Bridge and Extend Northaven Trail	Apr 2019	\$20.50
LBJ East including Skillman/Audelia Interchange	Jul 2019	\$1,600.00
US 80 from East of Town East Blvd to Lawson Rd; Reconstruct and Widen Mainlanes and Frontage Roads (Partially Funded)	Jun 2021	\$ 344.00
NW Highway at Skillman Intersection	Jan 2022	\$19.00
D2 Rail Line, 2 <sup>nd</sup> light rail corridor in downtown Dallas	Mar 2020	\$1,303.00
Total		\$3,575.79

## LOCAL BOND PROGRAM PARTNERSHIP WITH DALLAS (\$ IN MILLIONS)

Partnership approved by the RTC in October 2017 and by Dallas voters in November 2017

Project*	NCTCOG/ RTC	Dallas	Other (Private, State, etc.)	Total
Circuit Trail Connector/Katy Trail Extension	\$8.00	\$13.00	\$0.00	\$21.00
Dallas Circuit Trail	\$0.00	\$12.00	\$10.00	\$22.00
Uptown McKinney/Cole Couplet	\$11.80	\$7.30	\$1.00	\$20.10
N. Prairie Creek/Mesquite Yard Grade Separation	\$5.17	\$12.44	\$1.50	\$19.11
US 75 at Mockingbird Pedestrian Safety Enhancements	\$2.56	\$1.10	\$2.03	\$5.69
Northwest Highway/Preston Parking/Transportation Interface	\$10.00	\$6.16	\$28.00	\$44.16
Harry Hines Improvements	\$6.00	\$19.05	\$4.35	\$29.40
Total	\$43.53	\$71.05	\$46.88	\$161.46

<sup>\*</sup>Projects not included on Funded Projects slide, except for US 75 at Mockingbird.



### TEXAS DEPARTMENT OF TRANSPORTATION













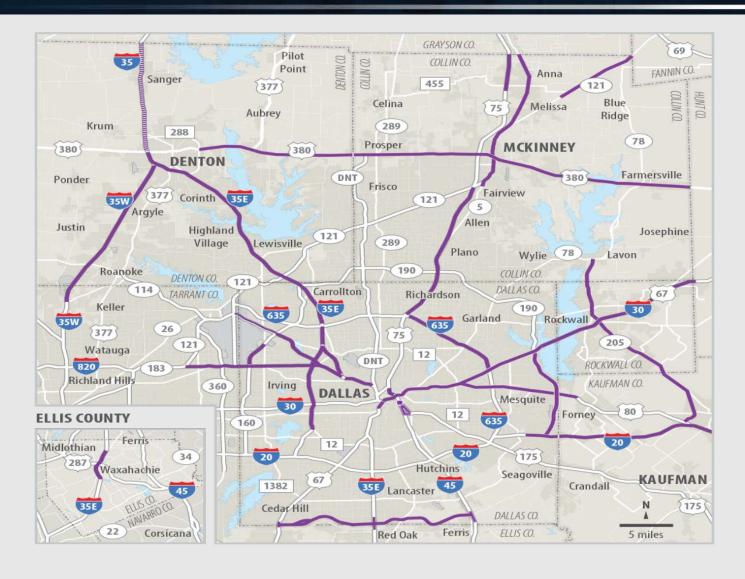


## DALLAS DISTRICT PROJECTS

East Dallas Chamber of Commerce



## **Dallas District Key Projects (Planning)**



- 30+ projects over all 7
   Dallas District counties
- Estimated total construction cost of approximately \$24B
- For the entire list of projects and project details, please visit:

www.keepitmovingdallas.co m

### **I-635 LBJ East Project**

**Limits:** I-635 from US 75 to I-30

**Description:** Improve mobility, operations, and safety by reconstructing and widening 8 to 10 general purpose lanes, reconstructing the existing "grandfathered" tolled managed lanes, adding noise walls, and constructing continuous frontage roads

Est. Design-Build Cost	\$1,603,645,627
Approved Funding (FY 2019 UTP)	\$1,603,645,627



## **Purpose and Need**

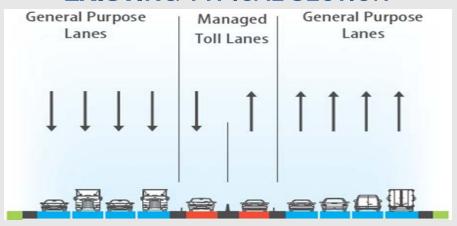
- Improve safety and mobility
  - Address existing design deficiencies
- Relieve congestion
  - Increased capacity

- Provide reliable travel time
  - "Grandfathered" existing managed lanes
- Accommodate projected growth through the region



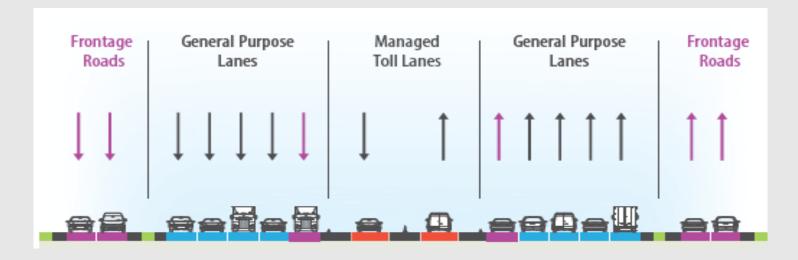
#### **Proposed Project**

#### **EXISTING TYPICAL SECTION**

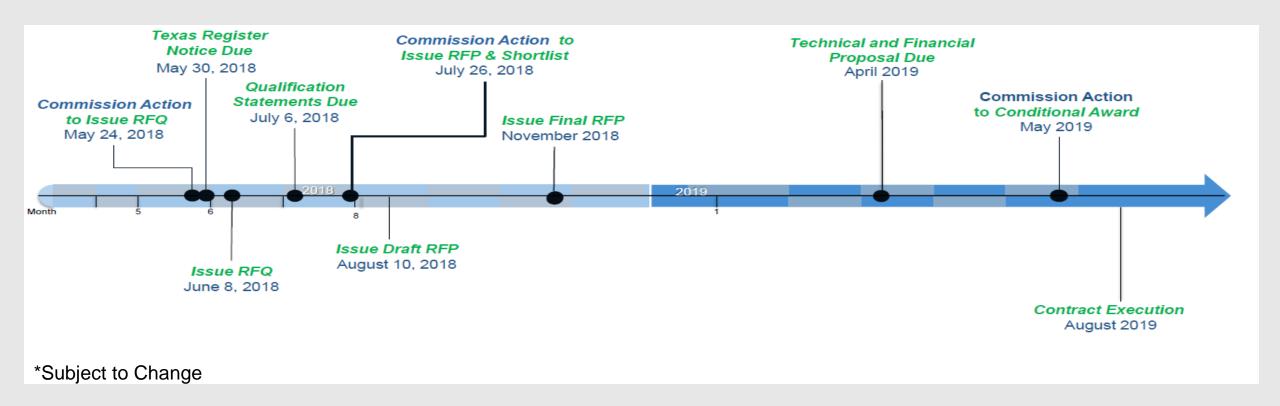


## PROPOSED DESIGN-BUILD TYPICAL SECTION

Note: Additional capacity shown in purple.



#### **Procurement Timeline**



### SH 78 (Garland Rd/EAST Grand Ave) at Gaston Avenue

Limits: Intersection of SH 78 (Garland Road/East Grand Avenue) at Gaston Avenue

**Length:** Approximately 0.207 miles

#### **Proposed Improvements:**

- Reconfigure a busy intersection
- Widen the existing bridges
- Adding bicycle and pedestrian accommodations



#### SH 78 (Garland Rd/EAST Grand Ave) at Gaston Avenue

#### Project Needs

- Improve pedestrian safety
- Improve traffic operations
- Address current and projected traffic demands
- Address facility deficiencies
- Improve incident management and emergency response
- Project Goals
- Improve mobility
- Minimize potential right-of-way impacts
- Minimize potential environmental impacts
- Enhance corridor aesthetics

#### **Project Timeline**



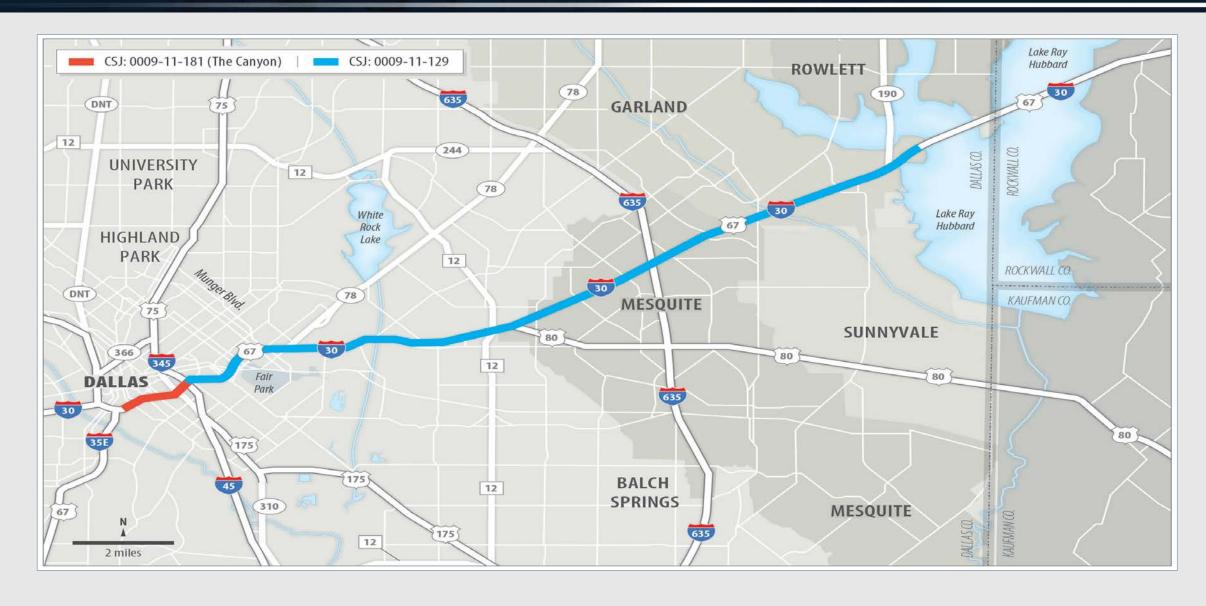
Public Meeting (January 2018) Schematic Approved (Anticipated October 2018)

Public Hearing (November 13<sup>th</sup> 2018) Anticipated Environmental Clearance (December 2018) ROW
Acquisition
Anticipated to
Begin
(January
2019)

Begin Construction (Fall 2020)

\*Subject to Change

## **Dallas County: I-30 Corridor**

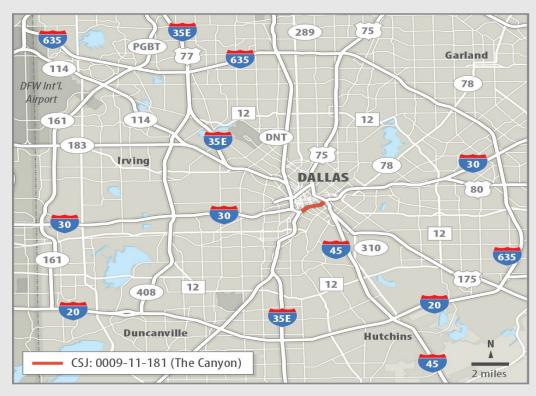


## **Dallas County: I-30 Canyon**



Limits: I-30 from Hotel Street to I-45

**Description:** Full reconstruction of existing 6 general purpose lanes with aux lanes and 4/6 lane frontage roads



Est. Construction Cost	\$ 300,000,000
Proposed Funding	\$ 25,000,000
Current Funding Shortfall	\$ 275,000,000

## Dallas/Kaufman Counties: I-30 East Corridor



Limits: I-30 from I-45 to Bass Pro Drive

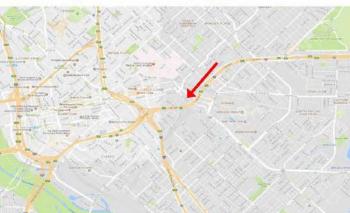
**Description:** Reconstruct and widen existing 8 to 8/10 mainlanes and reconstruct existing 6 lane discontinuous to continuous frontage roads

Est. Construction Cost	\$ 1,000,000,000
Proposed Funding	\$ 25,000,000
Current Funding Shortfall	\$ 975,000,000

#### I-30 at Fair Park,WB\_2016

#### Speeds, mph, by time of day (15-minute interval) and day of May 2016

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## IH 30 From IH 45 to US 80: Eight Questions

**Existing Corridor** 

**Lower Facility** 

**Tolled Managed Choice Lanes** 

Reversible

Design Assuming Autonomous Vehicles

Thoroughfare Streets Versus Frontage

Fund Thoroughfare Connections, at Grade

Minimize Property Taking

NCTCOG: October 2018

## **CBD Fair Park Link**

