

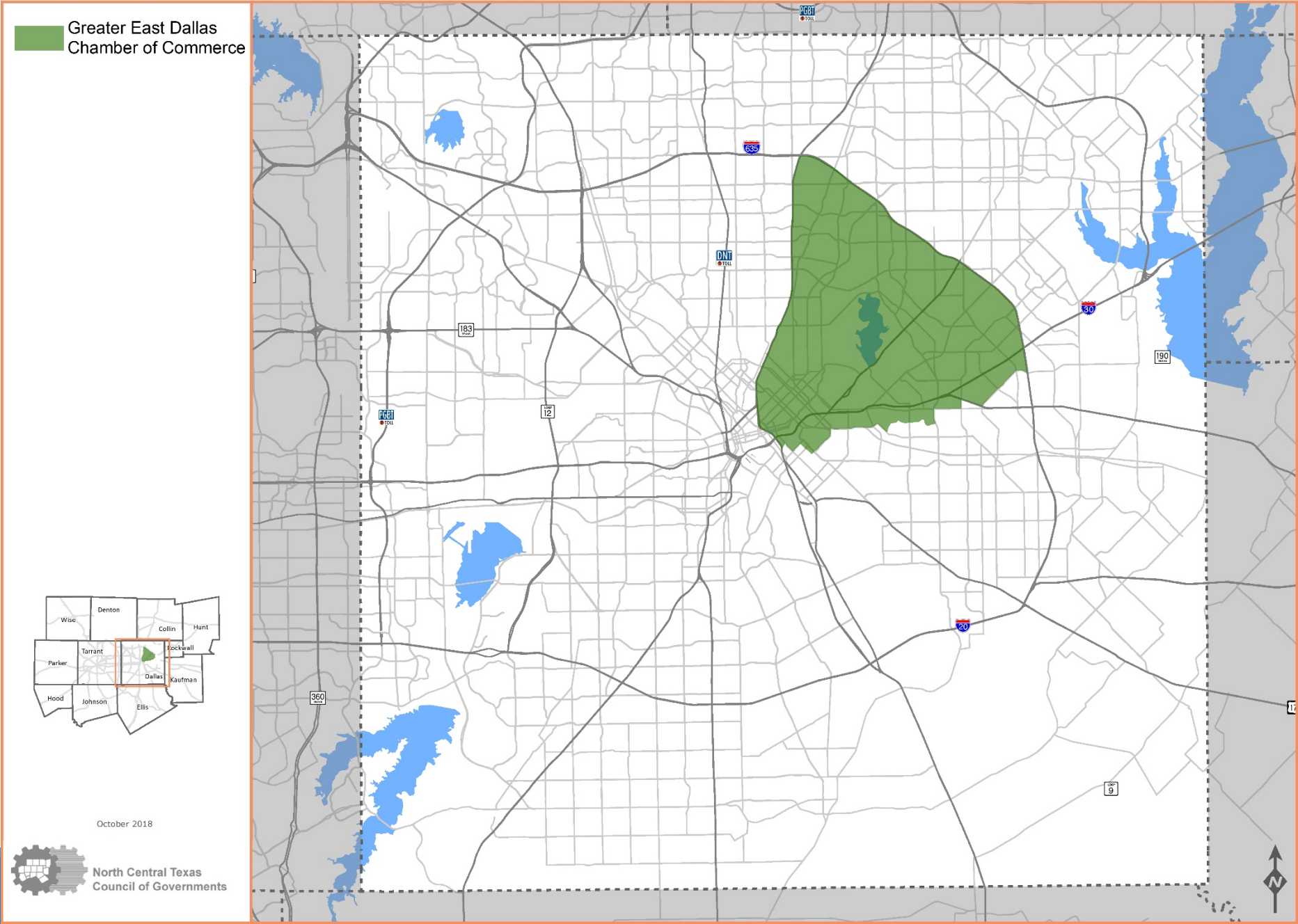
TRANSPORTATION ISSUES AND HOW EAST DALLAS CONNECTS WITH THE REST OF DALLAS AREA

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

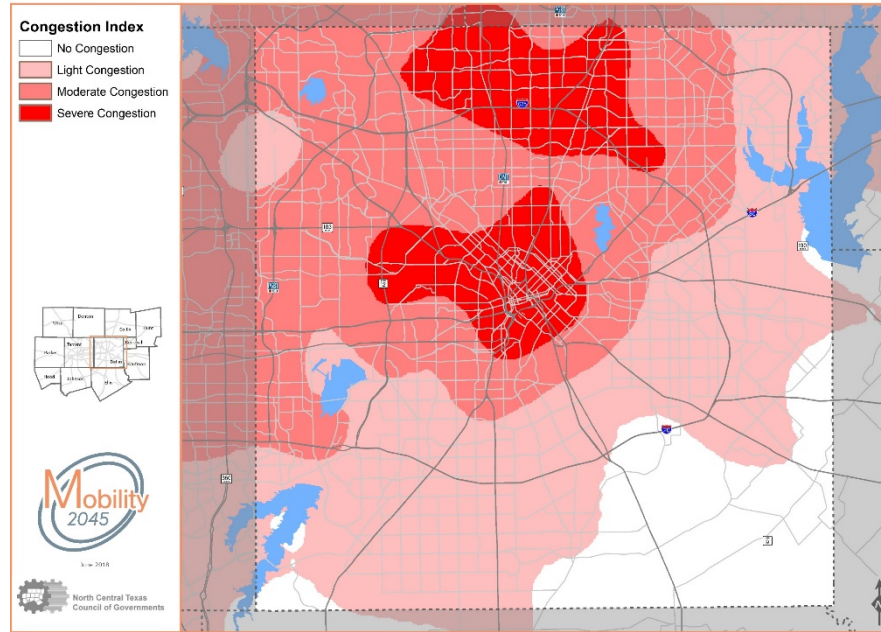
Michael Morris, P.E.
Director of Transportation
North Central Texas Council of Governments

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

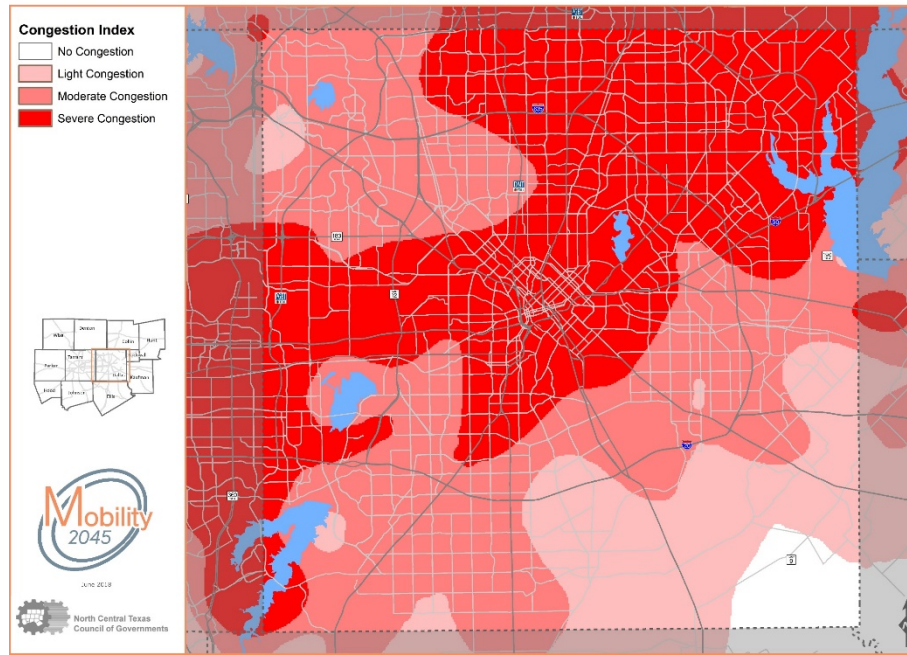
Greater East Dallas Chamber of Commerce Area



Dallas County: 2018 Levels of Congestion/Delay



Dallas County: 2045 Levels of Congestion/Delay



Regional Performance

	2018	2045	Growth
Population			
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%	

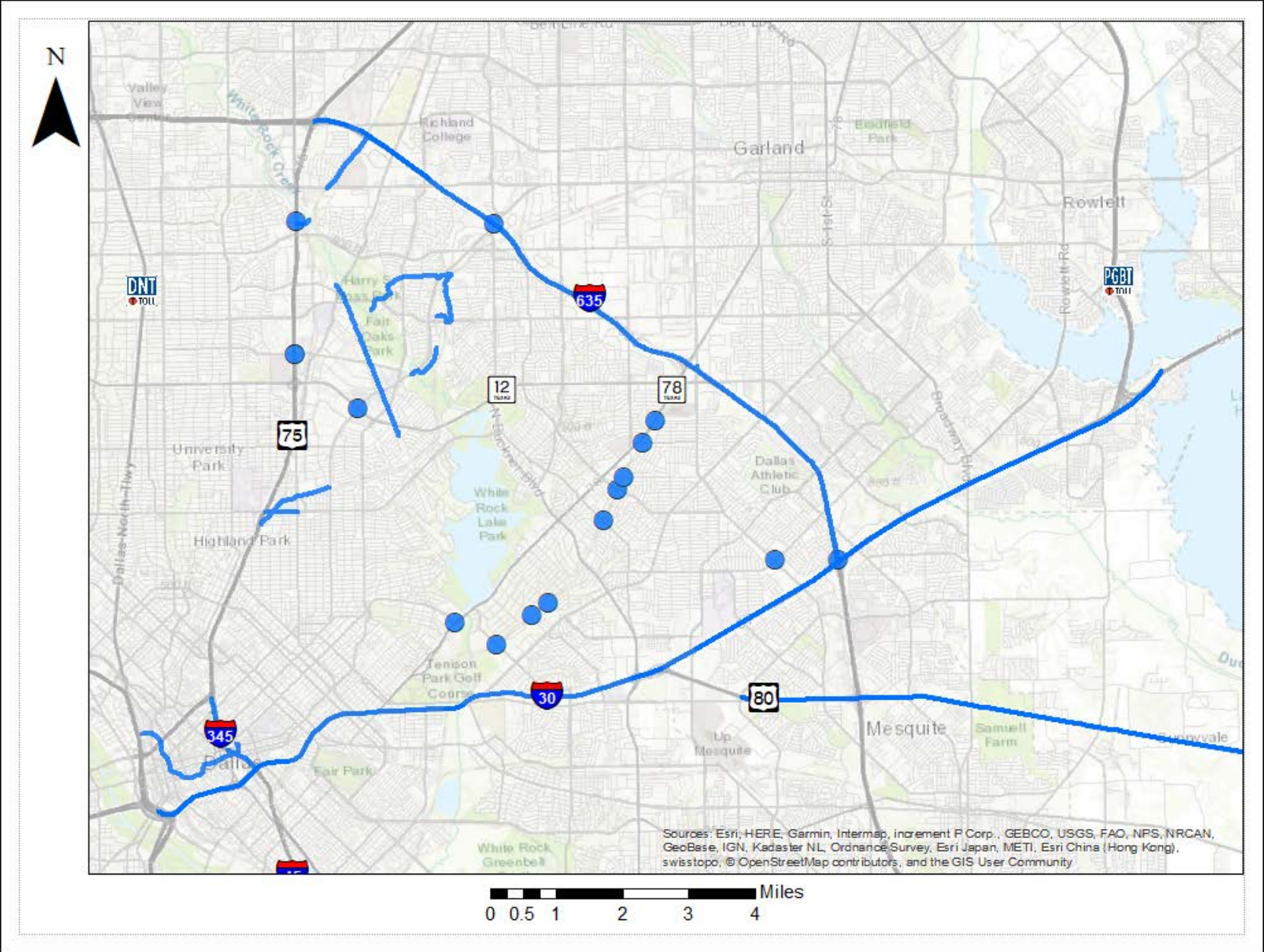
Vehicle Miles of Travel (Daily)			
12-County Region	212,248,504	331,319,572	56%
Greater East Dallas	9,346,052	12,431,836	33%
(% of Region)	4.4%	3.8%	

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 nd light rail corridor in downtown Dallas	Mar 2020	\$1,303.00
Total		\$3,575.79

LOCAL BOND PROGRAM PARTNERSHIP WITH DALLAS

(\$ IN MILLIONS)

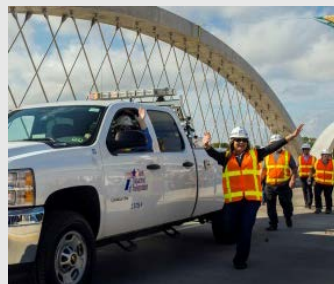
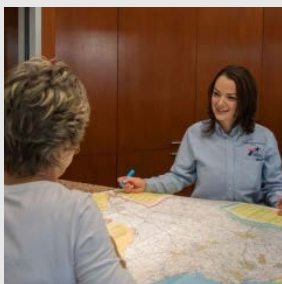
Partnership approved by the RTC in October 2017 and by Dallas voters in November 2017

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

*Projects not included on Funded Projects slide, except for US 75 at Mockingbird.



TEXAS DEPARTMENT OF TRANSPORTATION



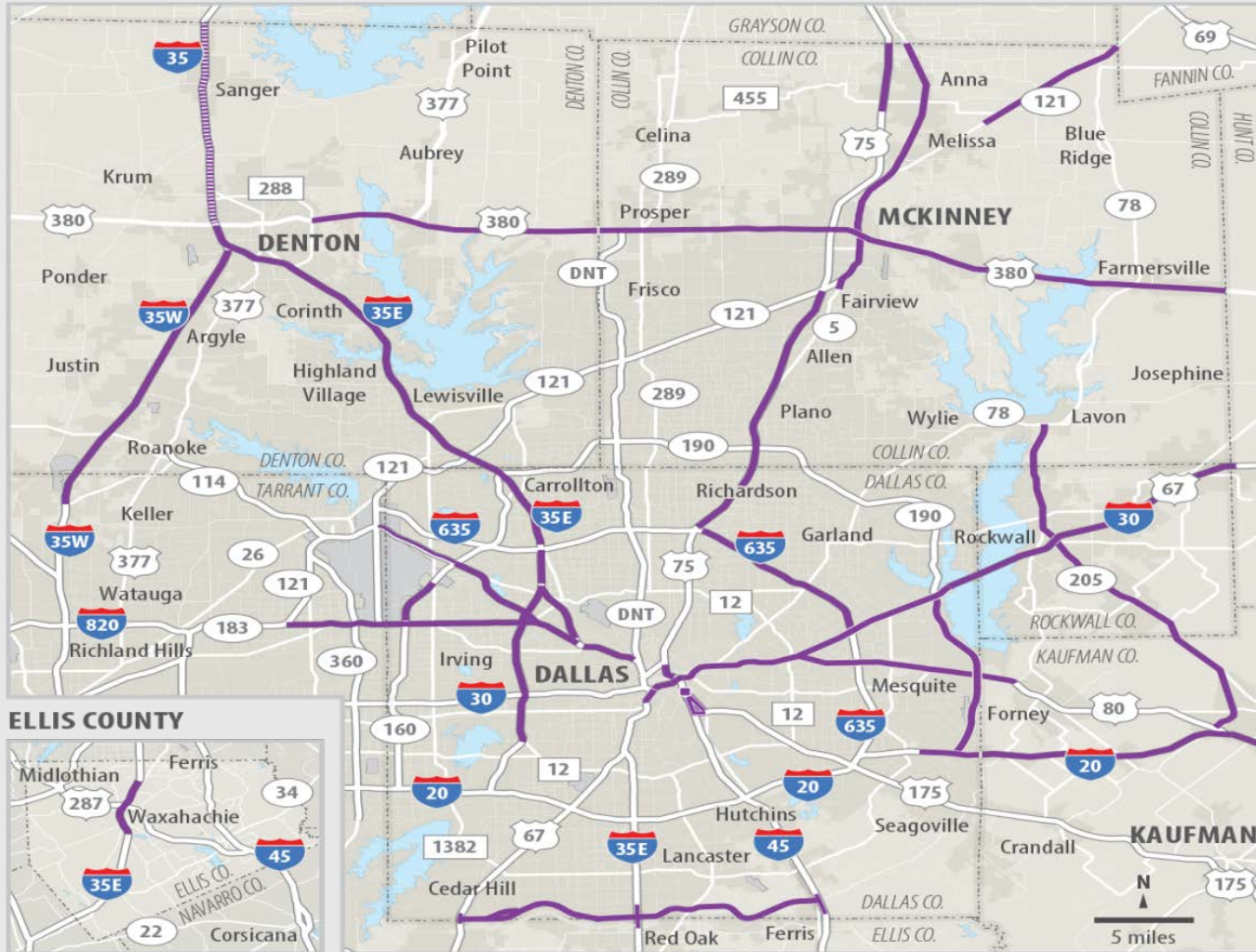
DALLAS DISTRICT PROJECTS

East Dallas Chamber of Commerce



October 16, 2018

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.com

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



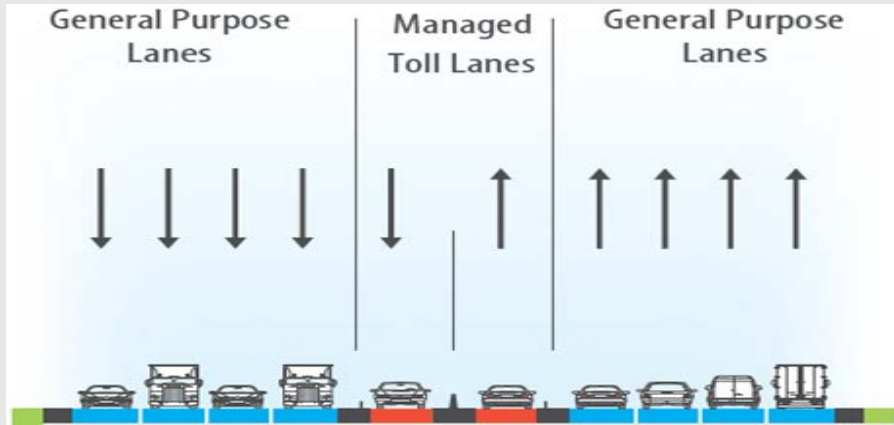
Purpose and Need

- 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



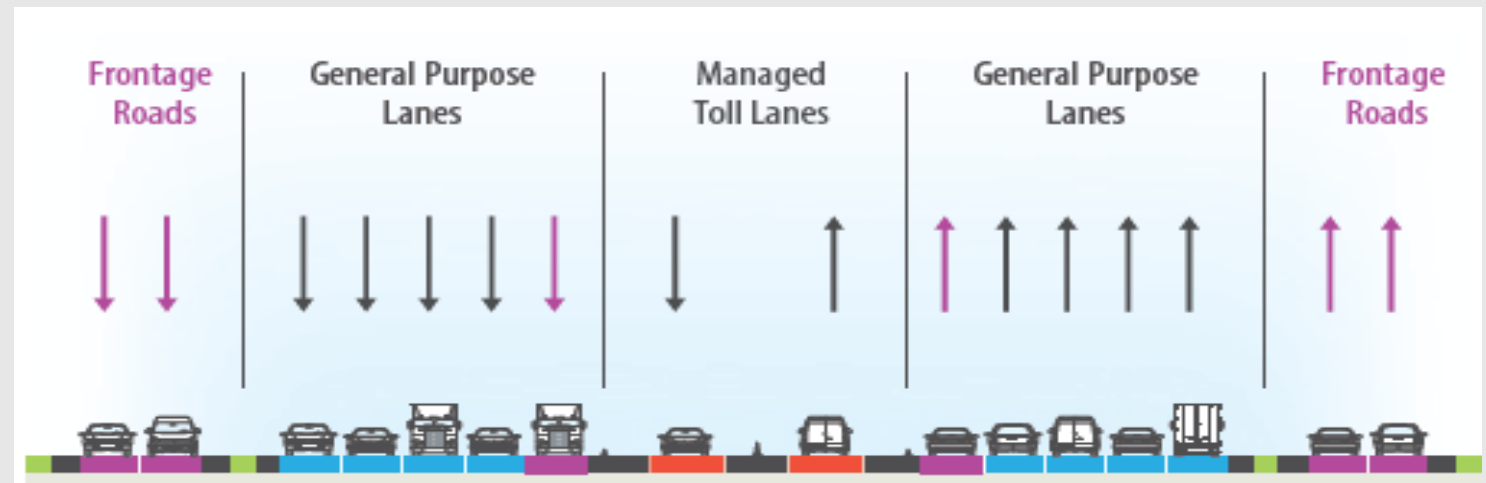
Proposed Project

EXISTING TYPICAL SECTION

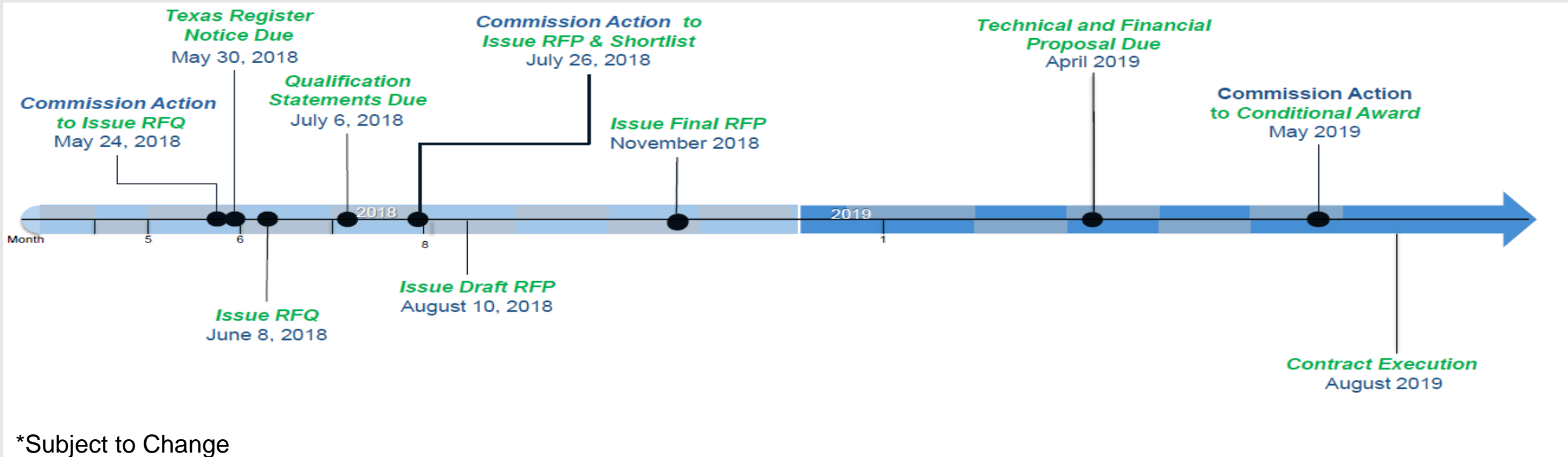


PROPOSED DESIGN-BUILD TYPICAL SECTION

Note: Additional capacity shown in purple.



Procurement Timeline



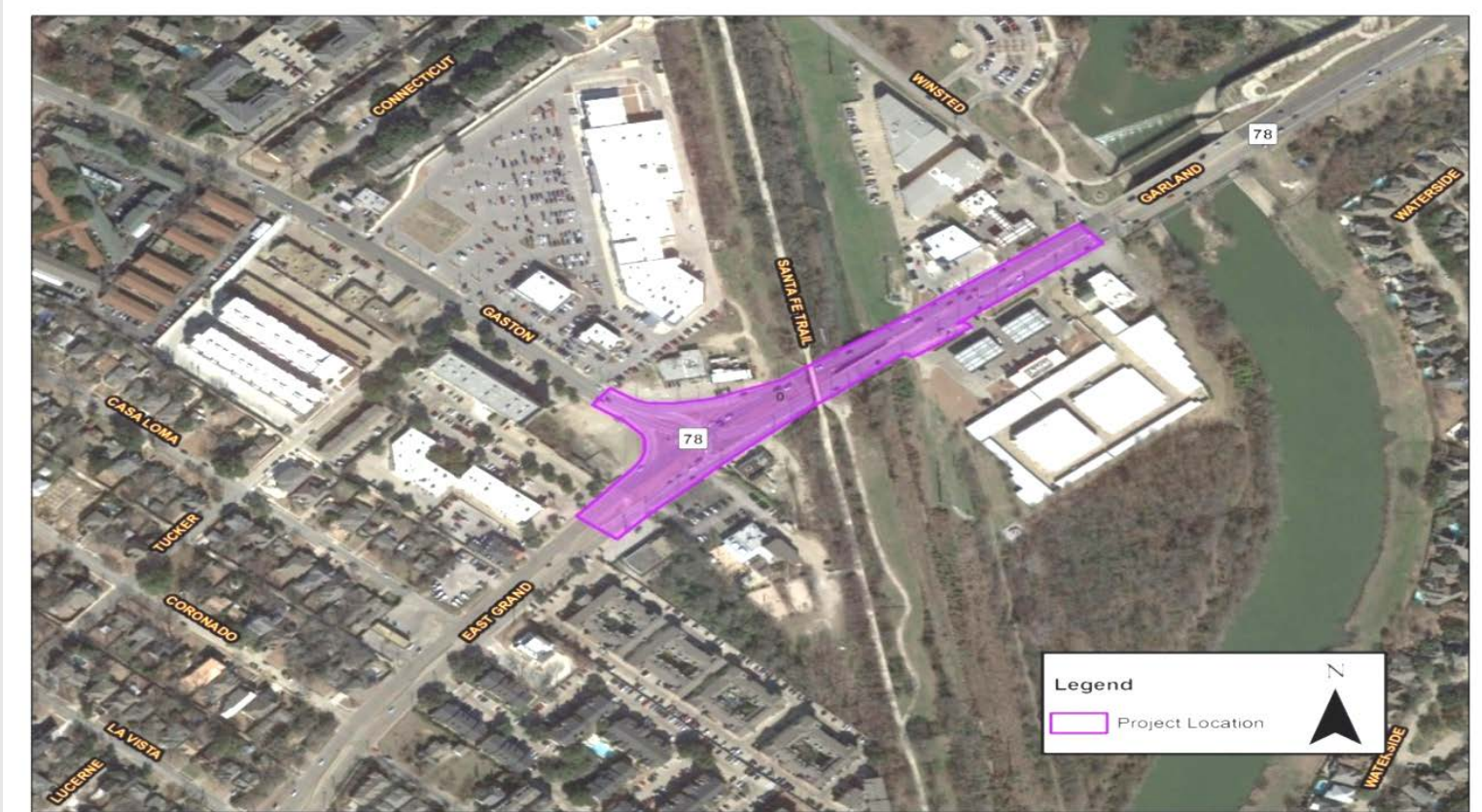
SH 78 (Garland Rd/EAST Grand Ave) at Gaston Avenue

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

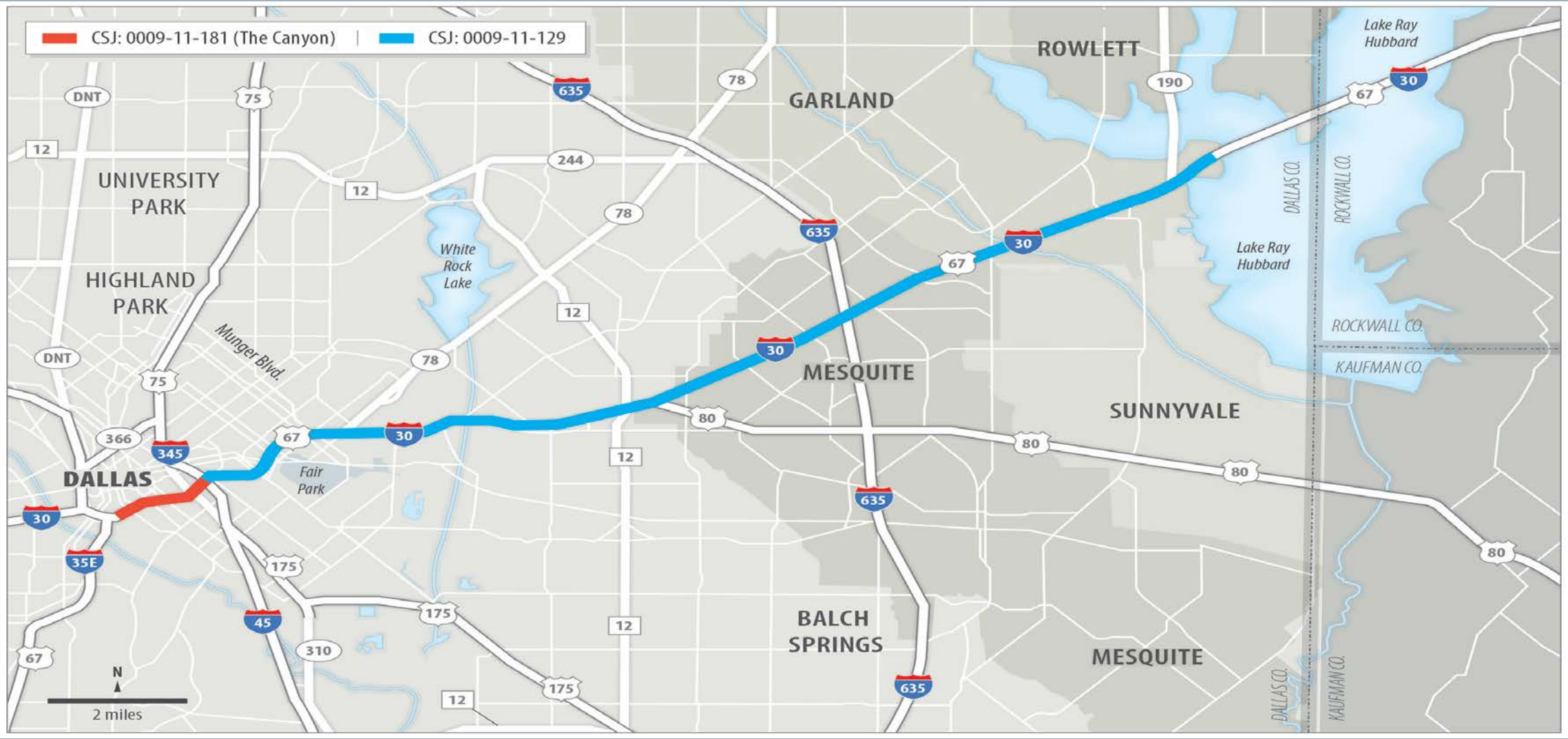
■ Project Goals

- Improve mobility
- Minimize potential right-of-way impacts
- Minimize potential environmental impacts
- Enhance corridor aesthetics

Project Timeline



Dallas County: I-30 Corridor

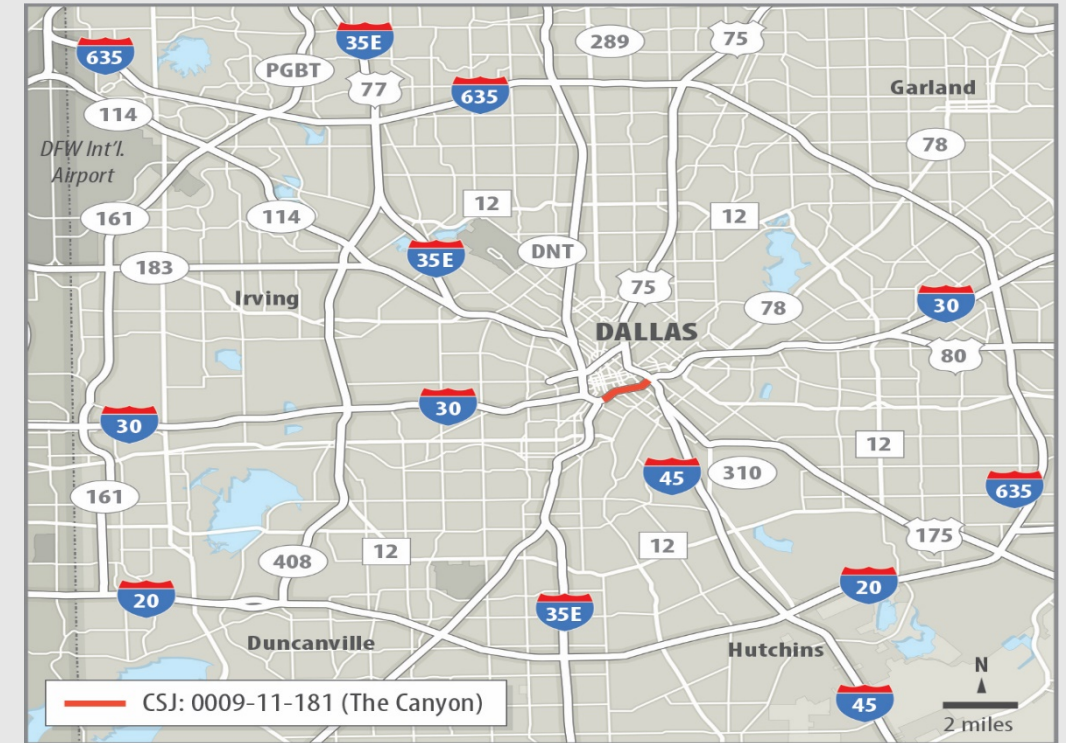


Dallas County: I-30 Canyon



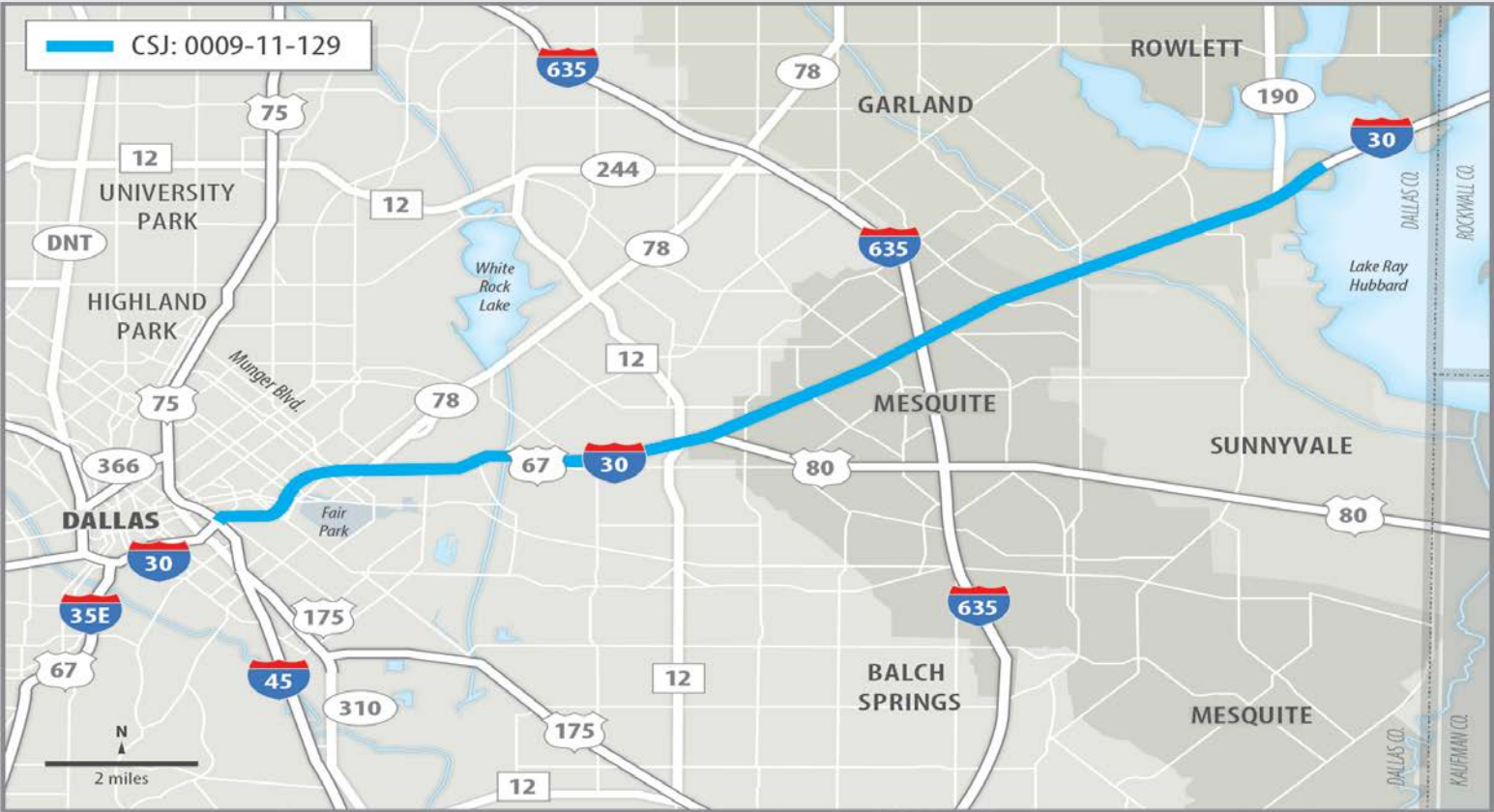
Limits: I-30 from Hotel Street to I-45

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



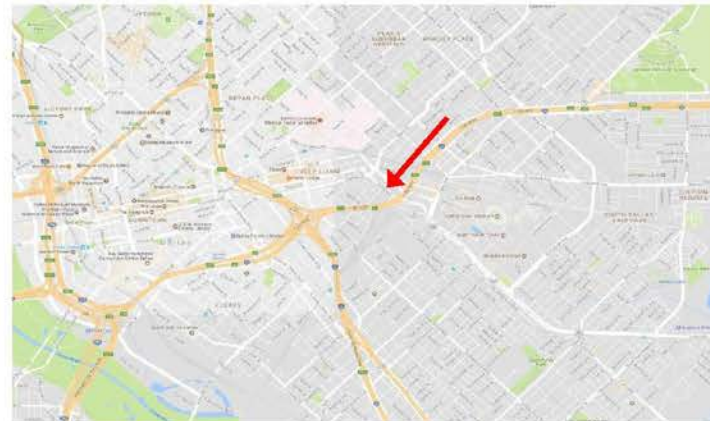
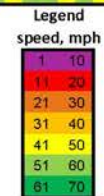
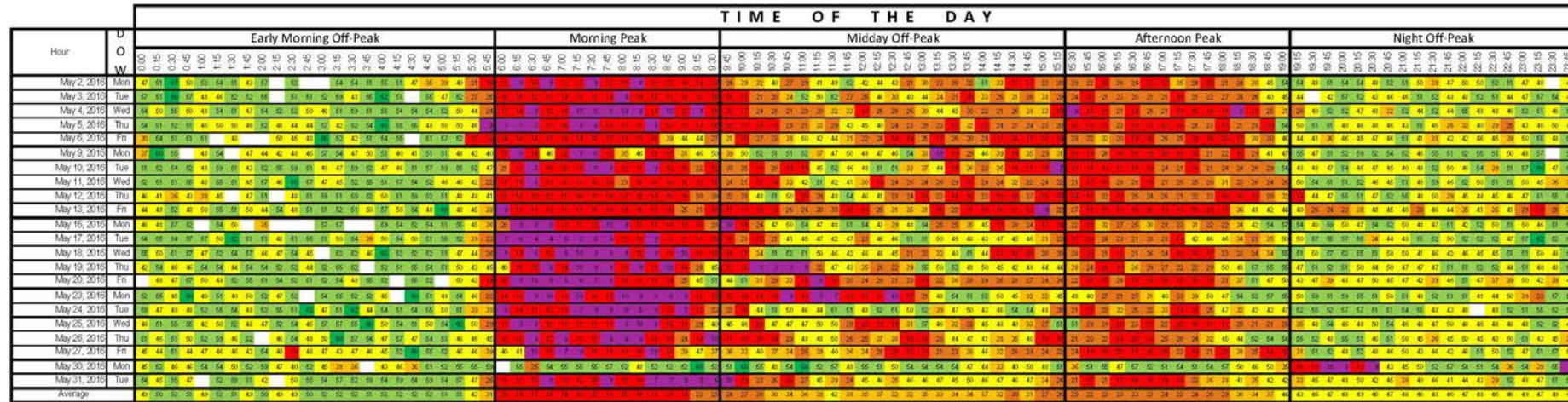
Limits: I-30 from I-45 to Bass Pro Drive

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



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

CBD Fair Park Link

