#### SH 5 Lower 5 Plaza Update

CULTUP

City Council Work Session

December 03, 2024



## **Key Takeaways**

- Schedule
  - ≻ Timeline for SH 5 Phase 1 Has Been Extended
  - Environmental Impact Assessment is Underway and Will Include a Public Meeting and City Council Updates
- Cost and Funding
  - Project Costs Will Likely Increase Due To Project Timing
  - Operations and Maintenance Cost Estimates Have Decreased
  - Federal Funding Availability and Assignment Should Reduce Local Participation
- Potential Pedestrian Safety Improvements Along SH 5 Considered Before Construction

#### **Lower 5 Plaza**



#### **Environmental Impact Assessment**

#### **Environmental Footprint**



## **Cost Summary**

• Capital Cost:

#### \$40M - \$45M

Infrastructure Cost: \$25M - \$30M\*
 Park Cost: \$15M\*\*

\*Includes Construction, Right-Of-Way Acquisition, and Engineering \*\*Hardscape Costs are Eligible Under the FY23 RCN Grant (\$15M)

• Annual O&M\*\*\*:

\$1.0M - \$1.25M

\*\*\*Includes City Labor, Park Maintenance/Replacement, Programming, Security, and Tunnel/Bridge Maintenance

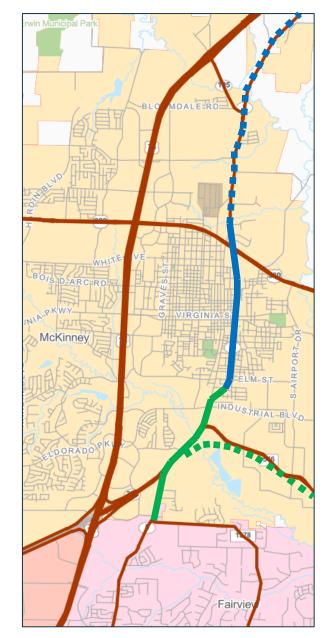
Note: Cost Summary Provided is Based on Estimates Prepared for the Year 2023

## **Project Funding**

			April	2024	November 2024								
	Total Funding		\$4	15M	\$45M								
Source		\$30M	\$13.975M \$15M \$1.025M	NCTCOG FY23 RCN Grant Local	\$22.65M \$15M \$4M	NCTCOG FY23 RCN Grant TxDOT							
_		\$15M	\$15M	Local Park	\$3.35M	Local							
	Use	<u>TxDOT</u>		]	<u>TxDOT</u>	<ul> <li>\$13.8M</li> <li>Engineering</li> <li>Bridge Construction</li> <li>Environmental Impact Assessment</li> <li>Acquire ROW/Relocate Businesses</li> </ul>							
		<u>City</u>	<ul> <li>Design/Con</li> <li>Design/Con</li> <li>Current Des</li> <li>\$15M</li> </ul>	naining TBD struct Drainage System struct Plaza Infrastructure struct Utility Relocation sign of Plaza Infrastructure struct Plaza Amenities	<u>City</u>	<ul> <li>\$31.2M</li> <li>Design/Construct Drainage System</li> <li>Design/Construct Plaza Infrastructure</li> <li>Design/Construct Utility Relocation</li> <li>Current Design of Plaza Infrastructure</li> <li>Design/Construct Plaza Amenities</li> </ul>							

# SH 5 / TxDOT Updates

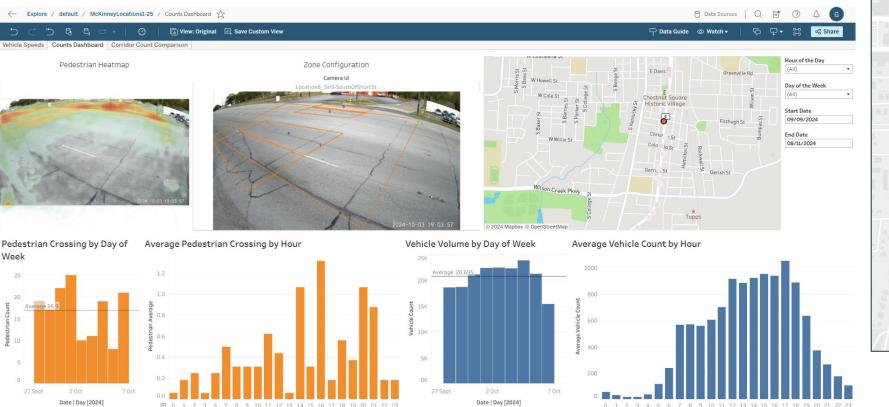
- Spur 399 Phase 1:
  - ≻ Country Club Rd to McMakin St (Letting in Dec 2024)
- SH 5 Phase 1
  - McMakin St to Power House St (Letting in Mid 2028)
     TxDOT will Design and Construct the Bridge
     TxDOT will Fund the Bridge Construction

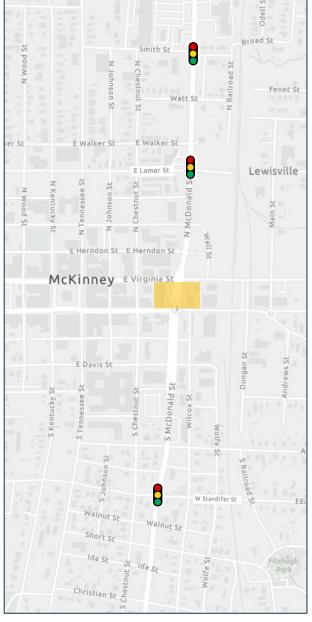


Current Limits of SH 5 Project

### Pedestrian Safety Improvements

- Other Pedestrian Crossings
  - Future Signals at Lamar, Standifer, and Smith Streets
     Pedestrian Counts





Future Signal Locations along SH 5

## **Project Timeline**

[		2022		2023			2024			2025		2026		2027		2028		2029		2030		2		2031		2032	2	
	Phase 1 Feasibility Study (City of McKinney)							4																				
	Bridge Layout (City of McKinney)																											
	TxDOT Agreement # NCTCOG Grant Selection (March 13, 2024)					#																						
	Environmental / NEPA Review (TxDOT)																											
	Final Infrastructure Design (City of McKinney)																											
	Final Park Design (City of McKinney)																											
	ROW Acquisition/Business Relocation (TxDOT)																											
	Building Demolition (TxDOT)																											
	Utility Relocations (City of McKinney)																											
	Spur 399 Phase 1 Construction (South of McMakin) (TxDOT)																											
	SH 5 Phase 1 Construction (North of McMakin) (TxDOT)																											
/	SH 5 Bridge Construction - Buried Bridge (included with SH 5 Phase 1) (TxDOT)																											
	Grade Separation Infrastructure Construction (City of McKinney)																											
	Park Construction (City of McKinney)																											
	SH 5 On-System/Off-System (City of McKinney)								V																			

## **Next Steps**

- December 3, 2024 Agreement with USDOT and TxDOT for FY23 RCN Grant
- 2025 Environmental Impact Assessment and Public Engagement



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#### **Questions?**

