



Virginia Parkway Widening

From US 75 to Ridge Road
Project Update

November 2, 2015

- MONEY MAGAZINE 2014 -

Overview



- Project Description
- Project Development Timeline
- Proposed Improvements
- Construction Phasing
- Budget Summary
- Questions / Comments

Project Description



Virginia Parkway Lanes 5 & 6

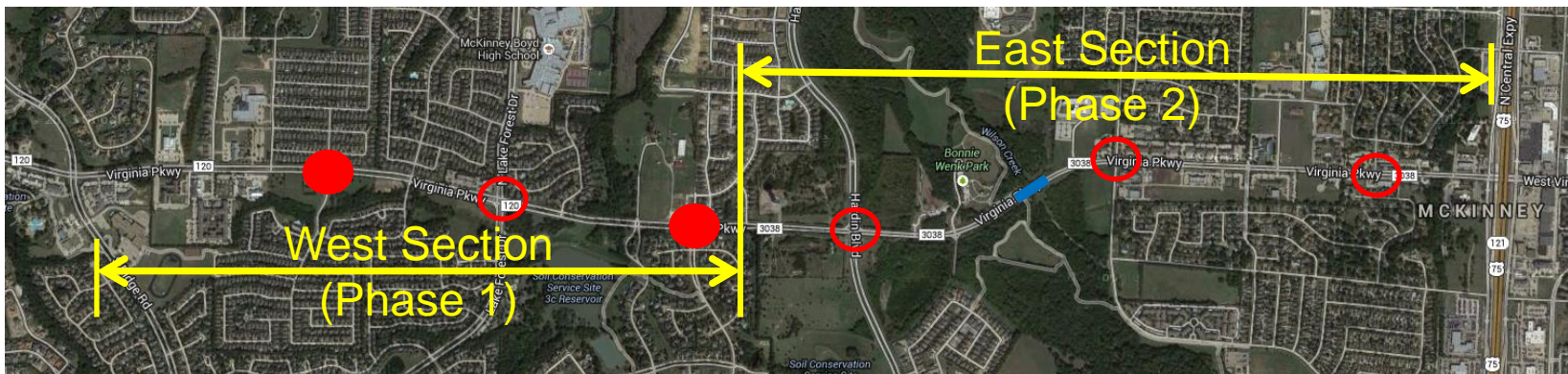
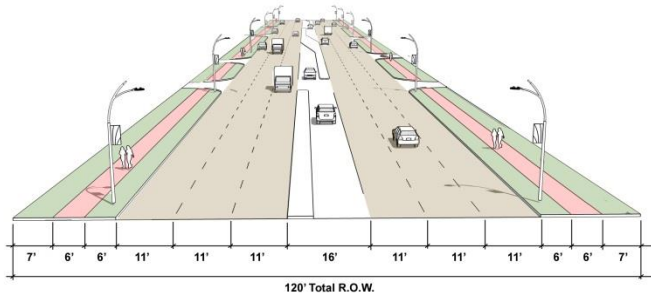
Ridge Road to US 75 (ST1219/ST1231)

Widen Virginia to 6-Lanes with related improvements to the bridge over Wilson Creek, water, sewer, drainage, lighting, traffic signals and sidewalks.

Construction Cost: \$12 million (est.)

Milestone Dates

- Design Start: October 2013
- Construction Start: Spring 2016
- Construction End: Summer 2018

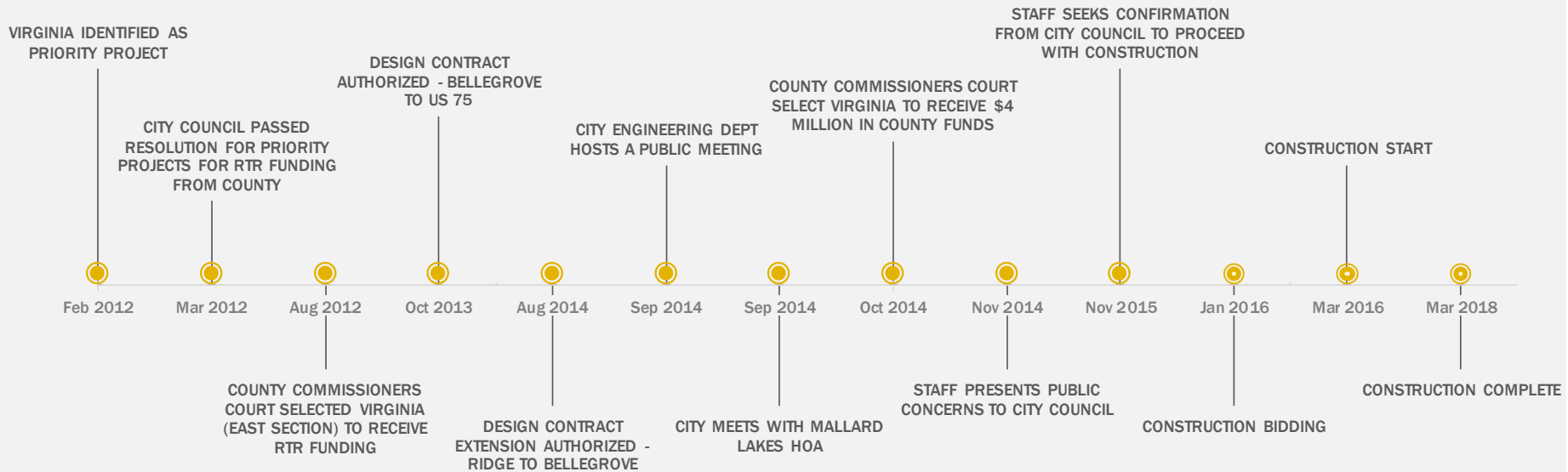


● New Traffic Signal ○ Traffic Signal Modifications — Bridge Widening

Project Development Timeline



Virginia Parkway Lane 5 & 6



Proposed Improvements



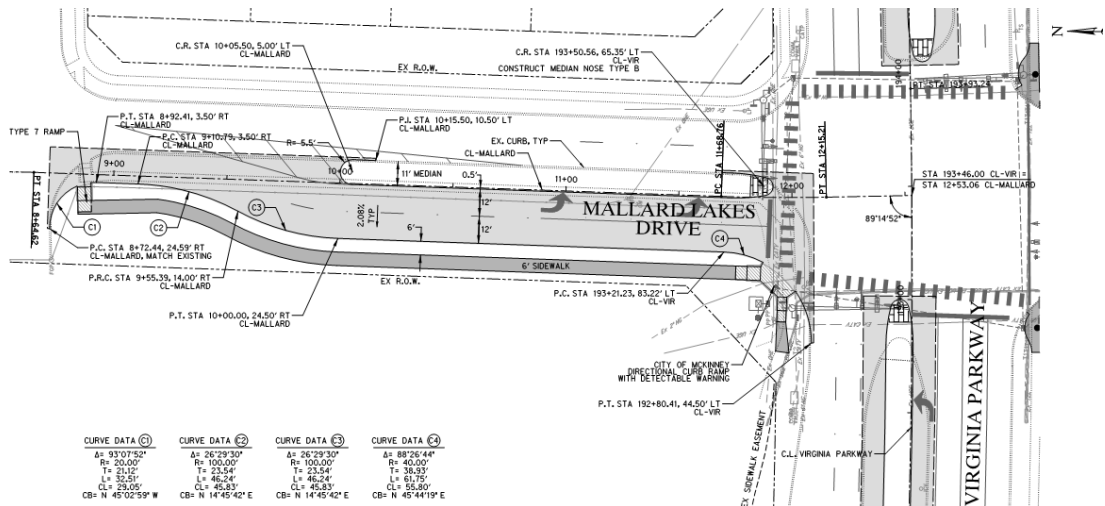
- **Mallard Lakes Drive**

- Concerns:

- Limited visibility due to existing geometry
 - Blocked medians due to offset lanes

- Proposed Improvements:

- Install a traffic signal
 - Construct the 2-lane approach for southbound Mallard Lakes at the intersection



Proposed Improvements



- **Joplin Drive**

- Concerns:

- Minshew Elementary School backup onto Virginia
 - Limited visibility for westbound left turn to Joplin
 - Congestion in the median due to high volume of U-turns and left turns



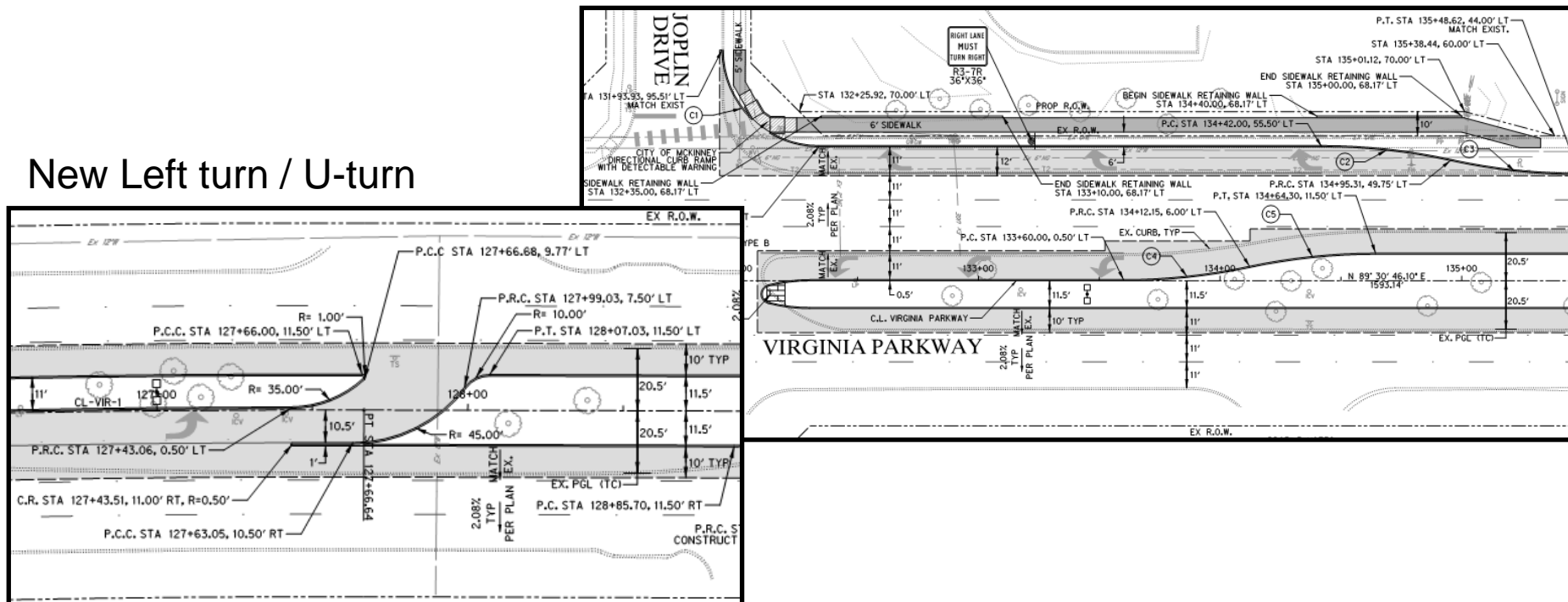
Proposed Improvements



- **Joplin Drive**
 - Proposed Improvements:
 - Westbound right turn lane at Joplin
 - Left turn / U-turn west of the Joplin intersection

Westbound Right Turn Lane

New Left turn / U-turn



Proposed Improvements



- **Summary of Construction Cost**

– Mallard Lakes Traffic Signal	\$300,000
– Mallard Lakes Drive Pavement	\$60,000
– Joplin Right Turn Lane (with sidewalk)	\$40,000
– U-turn Median Opening	\$25,000

Budget Summary



	EAST SECTION	WEST SECTION	TOTAL
Estimated Project Cost (Design/ROW/Utilites/Const)	12,200,000	3,307,300	15,507,300
Funding Source			
City	4,658,674	2,270,000	6,928,674
RTR	2,480,000		2,480,000
Collin County	5,300,000	878,876	6,178,876
	12,438,674	3,148,876	15,587,550

Construction Phasing Summary



- **West Section – Ridge to Bellegrove (8 months)**
 - Joplin Right Turn Lane
 - Lake Forest Intersection
 - Median Widening (both directions)
 - Traffic Signals and Street Lighting
- **East Section – Bellegrove to US 75 (18 months)**
 - Bridge Widening at Wilson Creek (minimal impact to traffic)
 - Traffic Signal Adjustments and Median Street Lighting
 - Water Line Replacement
 - Eastbound
 - Storm sewer installation
 - Pavement Widening and Driveway Construction
 - Signing and Pavement Markings
 - Westbound
 - Storm sewer installation
 - Pavement Widening and Driveway Construction
 - Signing and Pavement Markings



Questions?