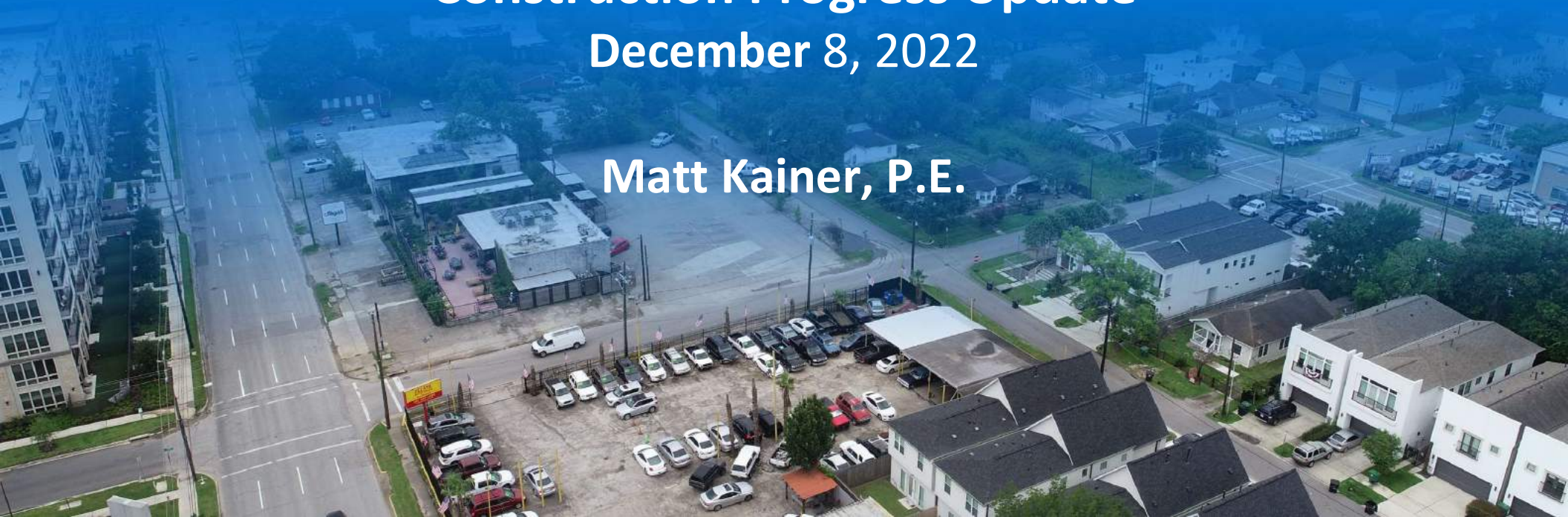




# Shepherd Drive, Durham Drive, and Selected Cross Streets Reconstruction Project Construction Progress Update

December 8, 2022

Matt Kainer, P.E.



# PROJECT OVERVIEW



- Shepherd Dr. & Durham Dr. from 15<sup>th</sup> St. – IH-610
- Includes 15<sup>th</sup>, 16<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup>, & 24<sup>th</sup> St.
- SER Construction Partners, LLC
- \$50,431,020.89



# PROJECT OVERVIEW



- Notice to Proceed: April 18, 2022
- 1,008 Calendar Days (~33 Months)
- CEI Team – CDM Smith, Quiddity (formerly Jones | Carter), McDonough Engineering, and Geotest Engineering



# PROJECT PROGRESS



QUIDDITY  
ENGINEERING

- Paving activities underway on Shepherd, Durham, & X-Streets

- Phase 1 water line construction nearing completion

- Silva Cell installations starting

- Utility adjustments in progress





# PROJECT PROGRESS



QUIDDITY  
ENGINEERING



~6,875 LF of Water Main





# PROJECT PROGRESS



QUIDDITY  
ENGINEERING

~3,150 LF of Storm Sewer



~84 Storm Sewer Inlets & Manholes





# PROJECT PROGRESS



QUIDDITY  
ENGINEERING

~8,400 SY of Pavement





# PROJECT PROGRESS



## Driveways, Sidewalks, & Intersections





# PROJECT CHALLENGES - UTILITIES



QUIDDITY  
ENGINEERING

- CenterPoint Electric – overhead power poles
- CenterPoint Gas – 6" IP line under Shepherd
- AT&T, Verizon/MCI, Crown Castle, & Comcast





# PROJECT CHALLENGES - UTILITIES





# UPCOMING ACTIVITIES



QUIDDITY  
ENGINEERING

- Shepherd, Durham & 15<sup>th</sup> St. - Paving
- Storm sewer and inlet installation on 16<sup>th</sup> St.
- Beginning streetscape construction



# Silva Cell Installation – Excavation & Base





# Silva Cell Installation – Cell Layout

  
MEMORIAL HEIGHTS  
REDEVELOPMENT AUTHORITY

**CDM  
Smith**

  
QUIDDITY  
ENGINEERING





# Silva Cell Installation – GeoGrid Installation





# Silva Cell Installation – Planting Mix Backfill





# Silva Cell Installation – Backfill Complete





# Silva Cell Installation – Water Distribution





# Silva Cell Installation – Ready for Sidewalk







QUIDDITY  
ENGINEERING



MEMORIAL HEIGHTS  
REDEVELOPMENT AUTHORITY

CDM  
Smith

# QUESTIONS?

[www.ShepherdDurham.com](http://www.ShepherdDurham.com)