Cooper Road Improvements
3,500 feet North of Chandler Heights
Road to Riggs Road
ST1503.201, CHN0235, SZ18103D

Public Meeting No. 2
March 28, 2017
Project Overview

- City roads are classified as:
  - Locals
  - Collectors
  - Arterials

- Why four lanes?
  - Allows traffic to go around vehicles slowing to make left or right turns. This improves safety and reduces delays.
  - A 4 lane road will allow traffic to spread out over two lanes in each direction. When waiting on a side street, gaps are much harder to come by when traffic is squeezed into one lane.
Project Overview

- Speeds on the existing 2-lane Cooper Road (Riggs to Chandler Heights) are nearly identical to the speeds on the existing 4-lane Cooper Road (south of Riggs)

- We do not anticipate any change to the average speeds following the widening of Cooper Road
Proposed Improvements

- Four vehicle lanes with on-street bicycle lanes
- Raised and flush medians
- Curb and gutter and sidewalks
- Traffic signal upgrades at Chandler Heights Road
- Street lighting
- Drainage improvements
- Landscaping
Updated Improvements – Roadway Alignment

- Original Alignment Based on City Standards
- Evaluated Options to Further Reduce Impacts
  - Areas along HOA frontages are combination of right-of-way, public utility easements and dedicated Tracts for landscape and storm water retention
  - Reduced the roadway cross section
Updated Improvements – Raised Medians
Updated Improvements – Side Street Access

- Side streets are not City-owned roads
- Improvements extend approximately 20 feet further
Updated Improvements – Retention Basins

- City standard requires new development to retain drainage from their property and half street frontage

- Evaluated additional drainage options:
  - Reduced the number of retention basins and install storm drain
  - Evaluating options to divert some of the storm water to existing retention basins
Updated Improvements – Walls

- Walls can be installed
- Two options
- Examples from other projects
Updated Improvements – Walls
Updated Improvements – New Right-of-Way

- All new right-of-way and easements will be purchased
- Impacts on overall lot size – MC Zoning Ordinance 1306
- City right-of-way acquisition process
  - Acquisition limits are identified and confirmed
  - Title reports are obtained
  - Legal descriptions and exhibits are prepared
  - Appraisals are completed
  - Offers are presented and discussed with owners
  - Real estate transaction
Next Steps

- **City Transportation Commission:**
  April 12, 2017

- **Project Assessment/Environmental Process:**
  Complete Late 2017

- **Right-of-Way Acquisition Process:**
  Starts Early 2018

- **Construction:**
  Starts Late 2018