SOUTH HOUGHTON ROAD WIDENING
Project 4SHRWD

SERC Meeting
January 28, 2021
• Introductions
  • Project Owner/Administrator: Pima County DOT – Mandley Rust, Project Manager
  • Engineering Design Consultant: Psomas – Sean Samsel, Project Manager
  • Construction Manager At-Risk (CMAR): Borderland Construction – Joel Harris, Project Manager

• Project Overview
  • Design and Construction Schedule
  • Major Design Elements

• Comments/Questions?
• **Purpose of Project:**
  - Widen Houghton Road for 3 miles south of I-10 to increase traffic capacity and operations due to projected growth in project area and development of the South East Logistics Center (SELC).

• **Project is funded by Southwest Area Impact Fees**

• **Project Limits:**
  - North End: Connect to new Houghton I-10 Interchange currently being constructed by ADOT
  - South End: Connect to existing 2-lane road at Pantano/Andrada High Schools
  - Reconstruct intersections at Brekke Road and Dawn Road
• Project design began in Summer 2020

• Design ~50% complete - scheduled to finish Summer 2021

• Utility relocations to begin in Spring 2021

• Construction to begin Spring/Summer 2021

• ~18-month construction duration - completion by end of 2022
MAJOR DESIGN ELEMENTS

- Roadway Improvements
  - 200’ Right-of-Way width
  - Widen to 4 travel lanes with curbed median
  - Paved shoulders in both directions
  - Multi-Use Path (12’) on west side
MAJOR DESIGN ELEMENTS

• Intersection and Median Improvements
  • Median openings at ½ mile spacing with turn bays at major intersections and driveways
  • Traffic Signal at Brekke Road
  • Two-stage Left at Dawn Road
  • Unsignalized Florida T at Andrada HS
MAJOR DESIGN ELEMENTS

• Drainage Improvements
  • Raised roadway profile to pass 100-year storm event under roadway
  • 24 new pipe and box culverts
  • Upstream collector channels along east side of roadway
  • Downstream channelization through Fairgrounds
MAJOR DESIGN ELEMENTS

• Other Elements
  • Landscape design using native plant palate and water harvesting

• Public Art

• Lighting at Brekke Road, Dawn Road, and Fairgrounds Main Entrance
Comments/Questions?