

# Pecos Road Improvement Project

## A Complete Streets Transformation



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**HORROCKS**  
ENGINEERS

***Hunter***  
**CONTRACTING CO.**



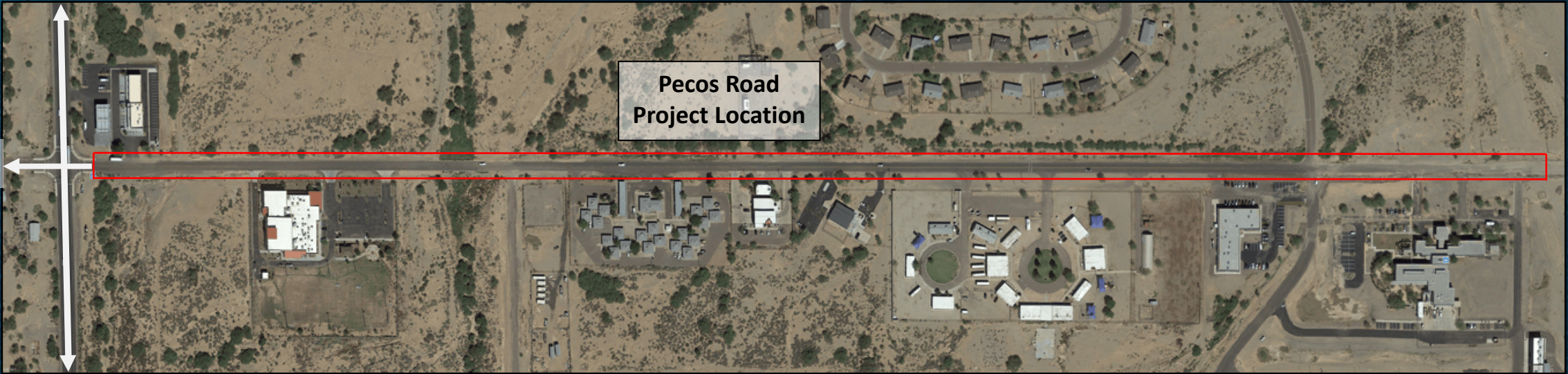


**Pecos Road  
Project Location**





51st Ave.



Pecos Road  
Project Location

Pecos Road



# Justification

- Existing Road serves a Number of Government Services
- No Sidewalks or Street Lights
- No Parallel Road Drainage
- Existing large Dip Crossing that closed road when it rained
- Bus Service with no Bus Pull Outs



# Project Coordination:



- Met with District
- Met with all the Entities along Pecos Road
- Coordinated with Phoenix and Gila River Transit Systems
- Met with the Utility Companies
- Corp. of Engineers



# What we learned:

- Everyone wanted Street Lights and a Sidewalk
- Existing Utilities Everywhere
- Elder Housing needed Improved Access and Drainage Improvements
- Boys and Girls Club had serious Drainage Issues that affect Pecos Road
- Need for Temporary Construction Easements (TCE)
- 404 Permit Required for New Box Culvert



# Challenges:

- Needed to keep road open at all times
- Utility Companies, as-builds, and blue staking did not always accurately identify where utilities were located
- To figure out the best way to build the large box culvert structure
- Accommodating a new K thru 8 school at the 11<sup>th</sup> hour before construction
- Meeting MAG funding grant expenditure deadline for the bus pull outs



**Before:**





**After:**

















































# Lesson Learned:

- Always build in some contingency into your budget if you are dealing with multiple underground utilities
- Look at what is happening with Construction Pricing in your area
- Make sure your inspectors document everything, including pictures when things turn out to not be where existing plans said they were
- Always remember, you and your contractor are a team



## Total Project Cost:

The total cost of the Pecos Road Improvement Project including the grants funds we received from our MPO, in-house salaries and construction costs was \$3,321,678.32

**Questions?**