

# Resilience and Durability to Extreme Weather Pilot Project

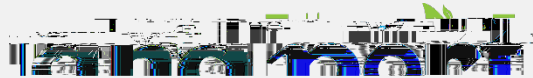
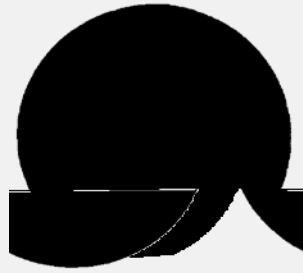
## PANEL DISCUSSION June 26, 2019

Rob MacDonald, MPA, PE  
Transportation Planning Director

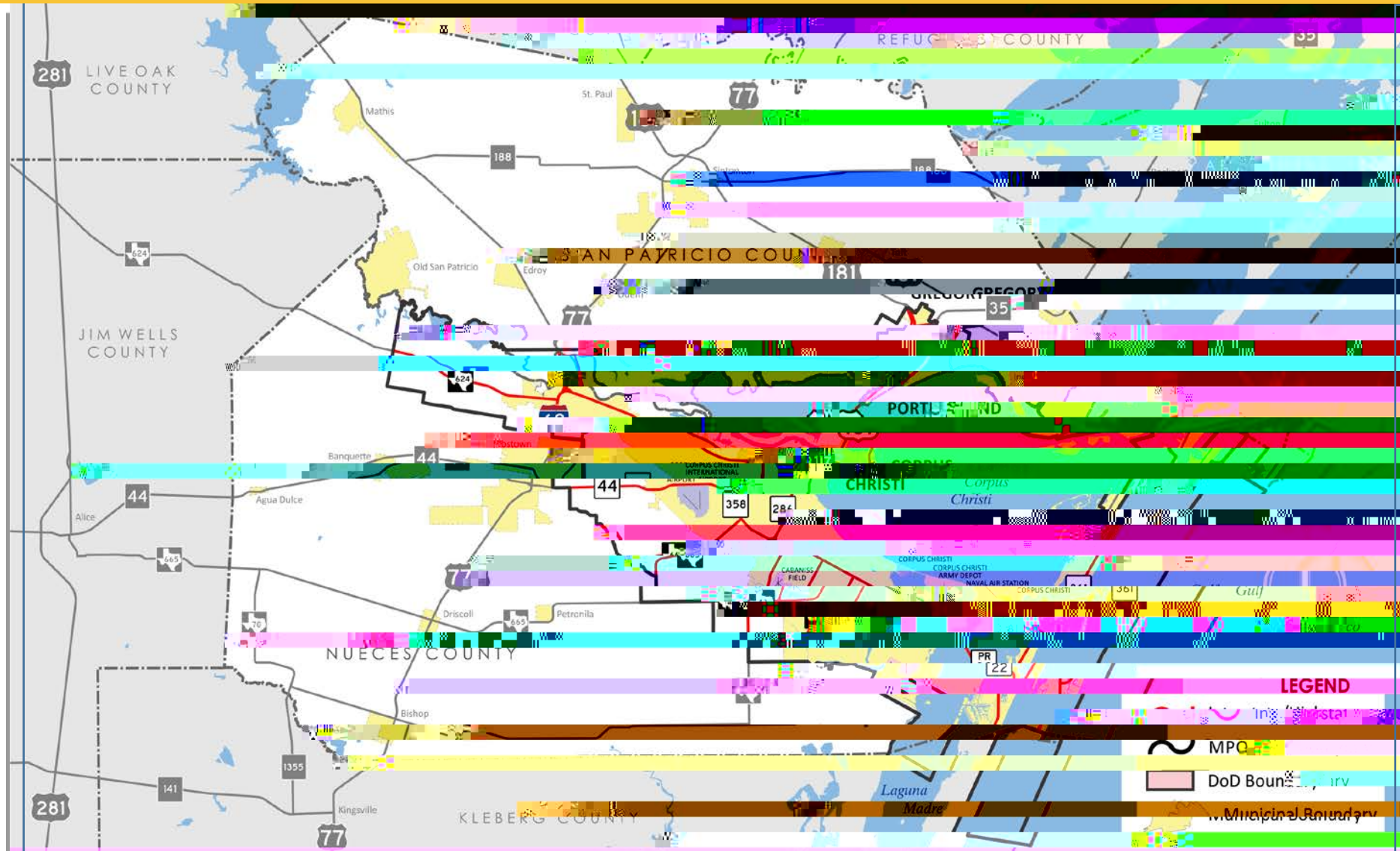


602 N. Staples St. Suite 300  
Corpus Christi, TX 78401  
Tel: 361.884.0687  
E-mail: [ccmpo@cctxmpo.us](mailto:ccmpo@cctxmpo.us)  
Website: [www.corpuschristi-mpo.org](http://www.corpuschristi-mpo.org)

# Who We Serve



# Corpus Christi MPO Boundary

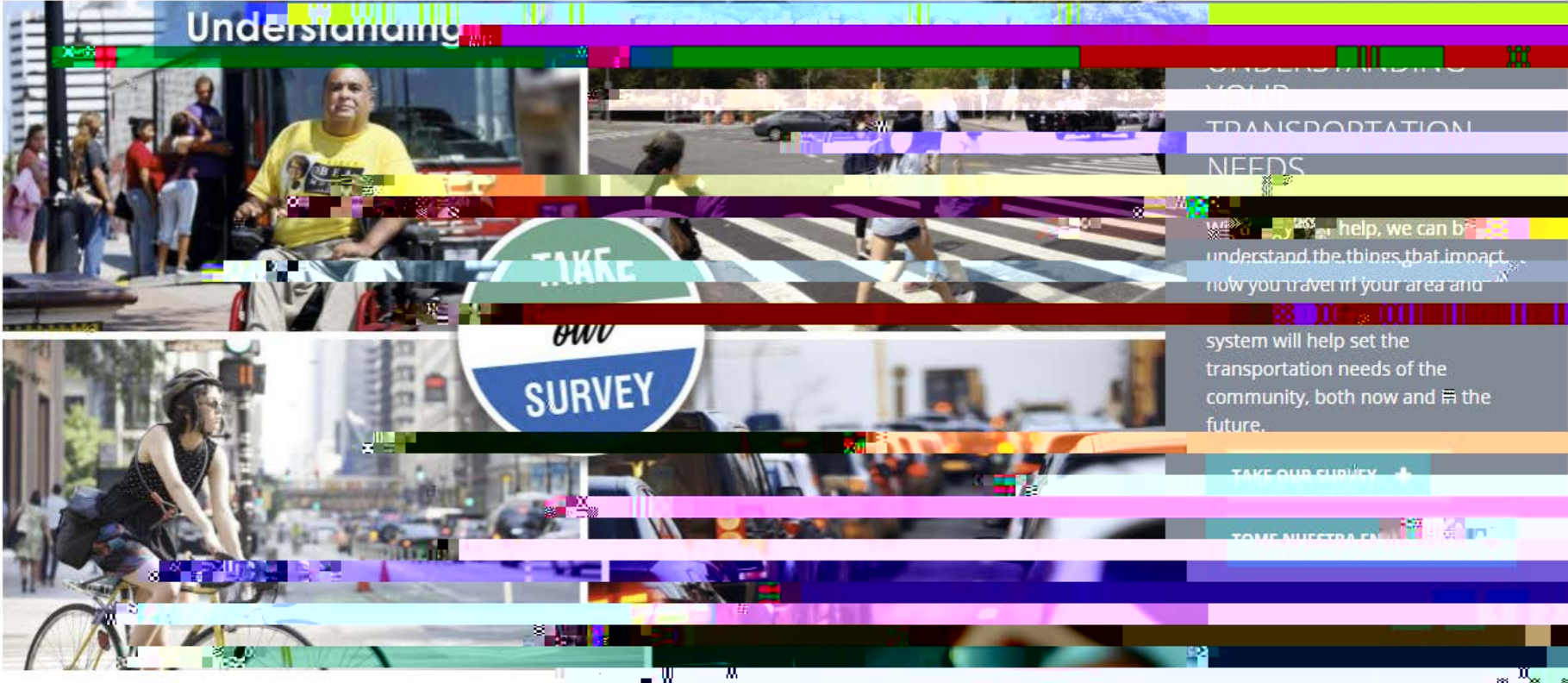


### Understanding YOUR TRANSPORTATION NEEDS

With your help, we can better understand the things that impact how you travel in your area and how our transportation system will help set the transportation needs of the community, both now and in the future.

[TAKE OUR SURVEY](#)

[TOME NUESTRA ENCUESTA](#)



**MTP**  
METROPOLITAN  
TRANSPORTATION  
PLAN

2015-48

over a horizon of 20 or more years.

**TIP**

IMPROVEMENT  
PROGRAM

Short-range plan with anticipated

**UPWP**

PLANNING

Our comprehensive one-year planning





# Integrate into MPO Planning Program



**MPO UPWP:** Annual Budget for Programs and Studies with FHWA PL funds

**Special Projects:** Separate Funding for

- FHWA Resiliency Grant
- Regional Travel Speed Study

# Next Steps: Integration into MTP

**MPO MTP:**  
Metropolitan  
Transportation  
Plan 25- Years

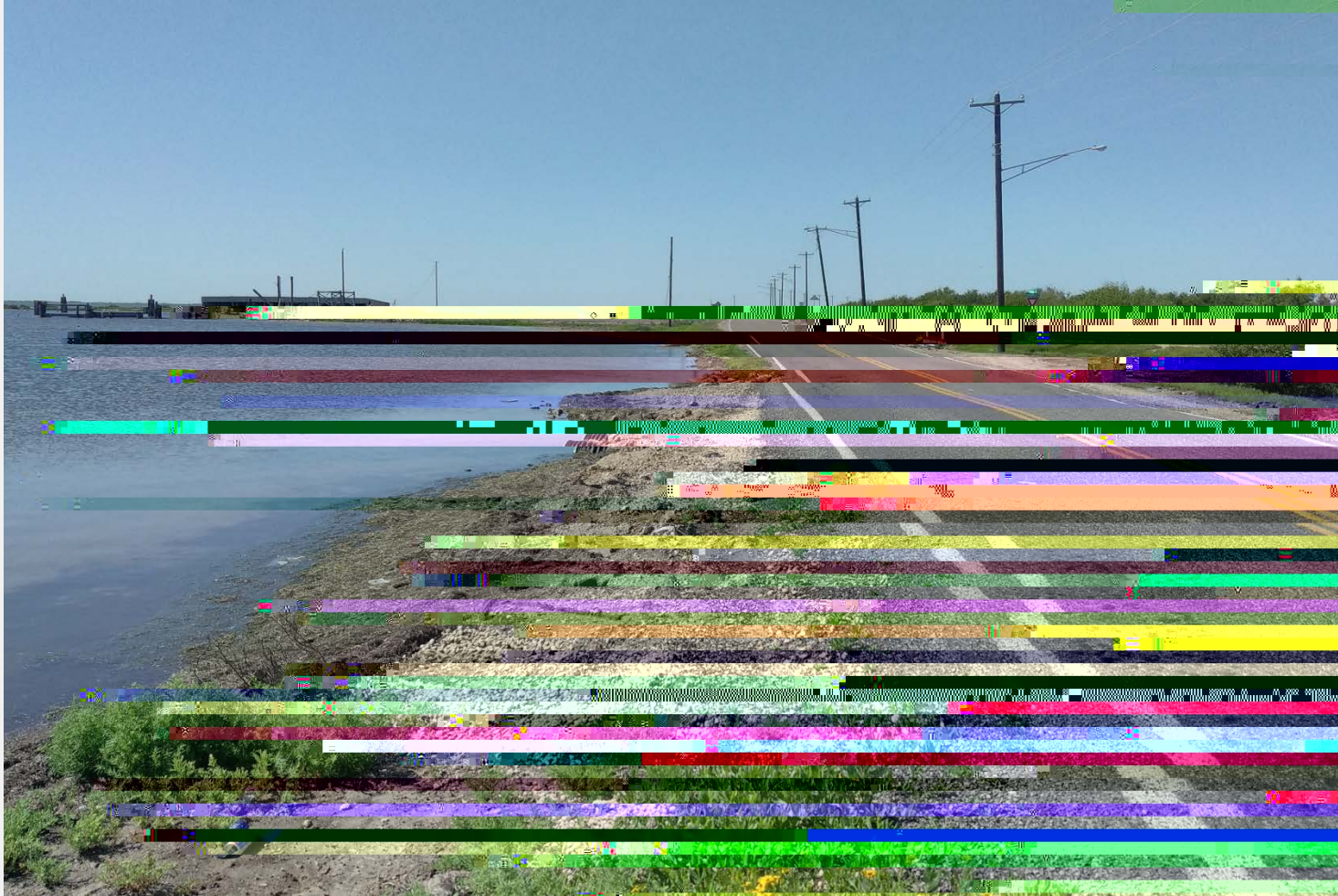
**Resiliency Plan:**  
Connect to our  
regional planning  
context!

**Resiliency will be Planned and Integrated into Overlapping  
Transportation Objectives for:**  
Roads, Transit, Bicycle, Freight, Pedestrians, Aviation, and Rail





# Pilot Project Detail



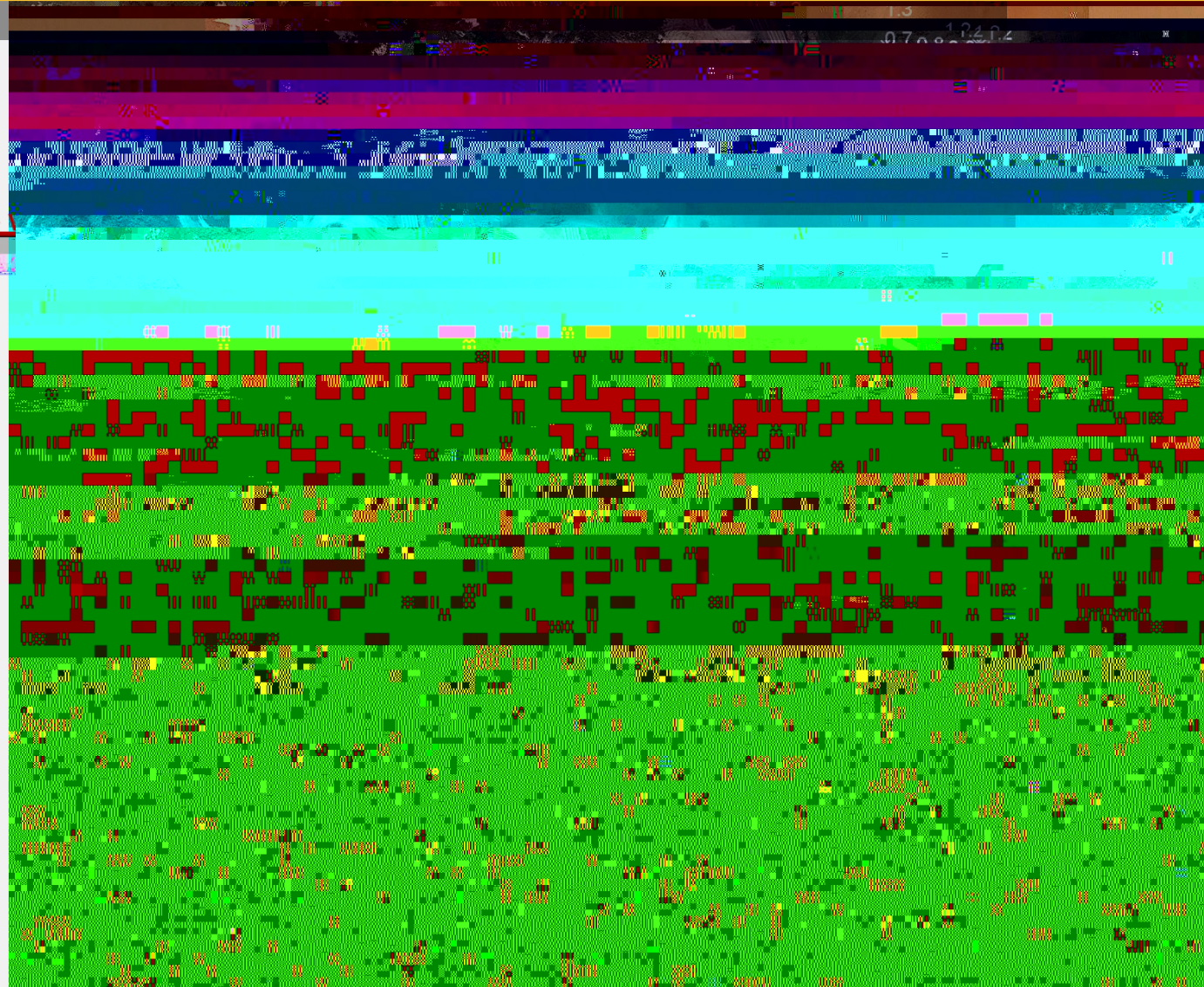
Looking south at the project location on Laguna Shores Road under typical (non-storm) conditions.



Closeup, note the irregular edge of pavement

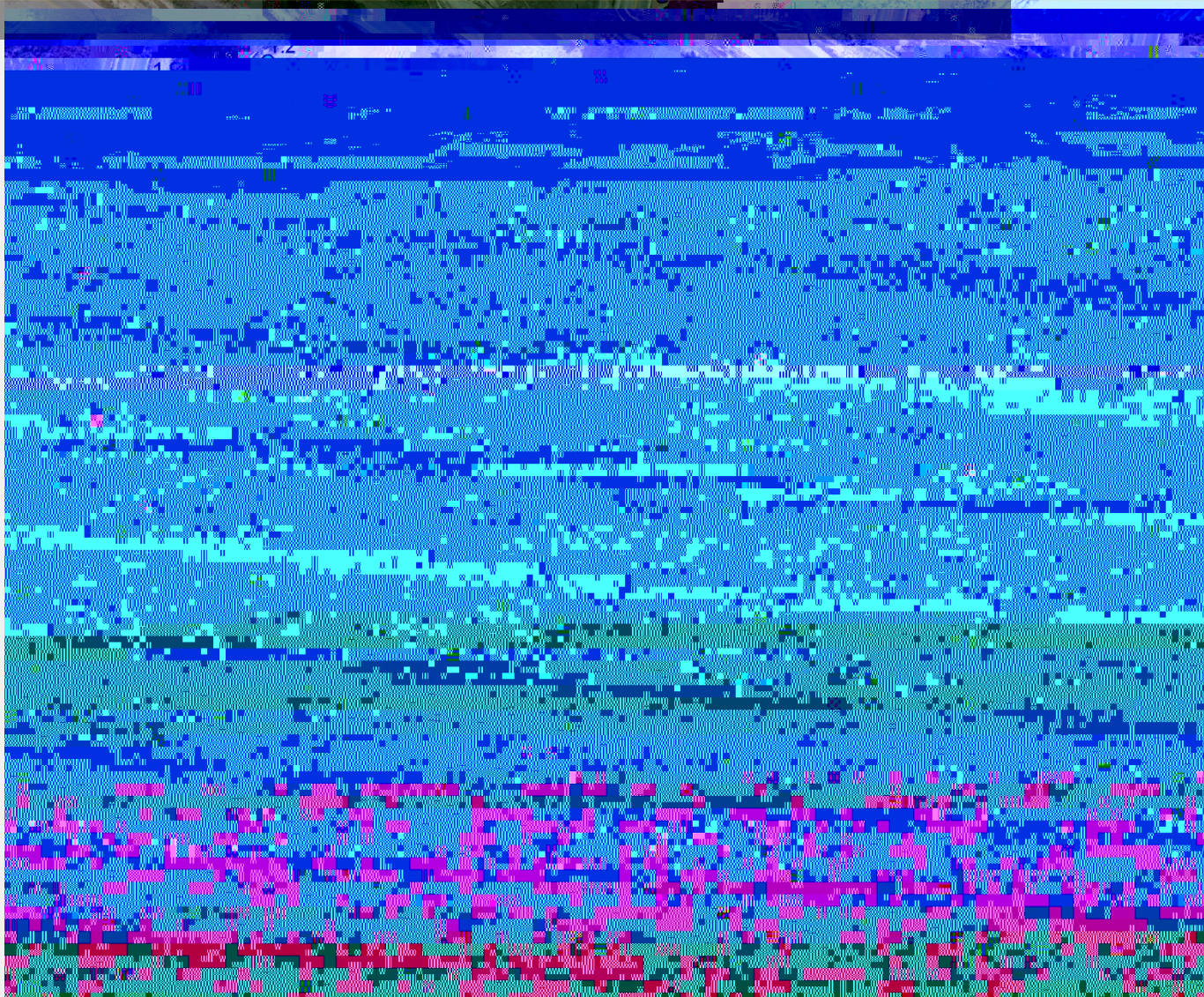
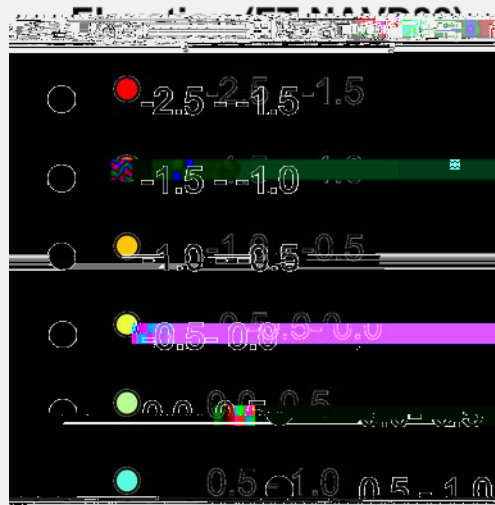
# Pilot Project Detail

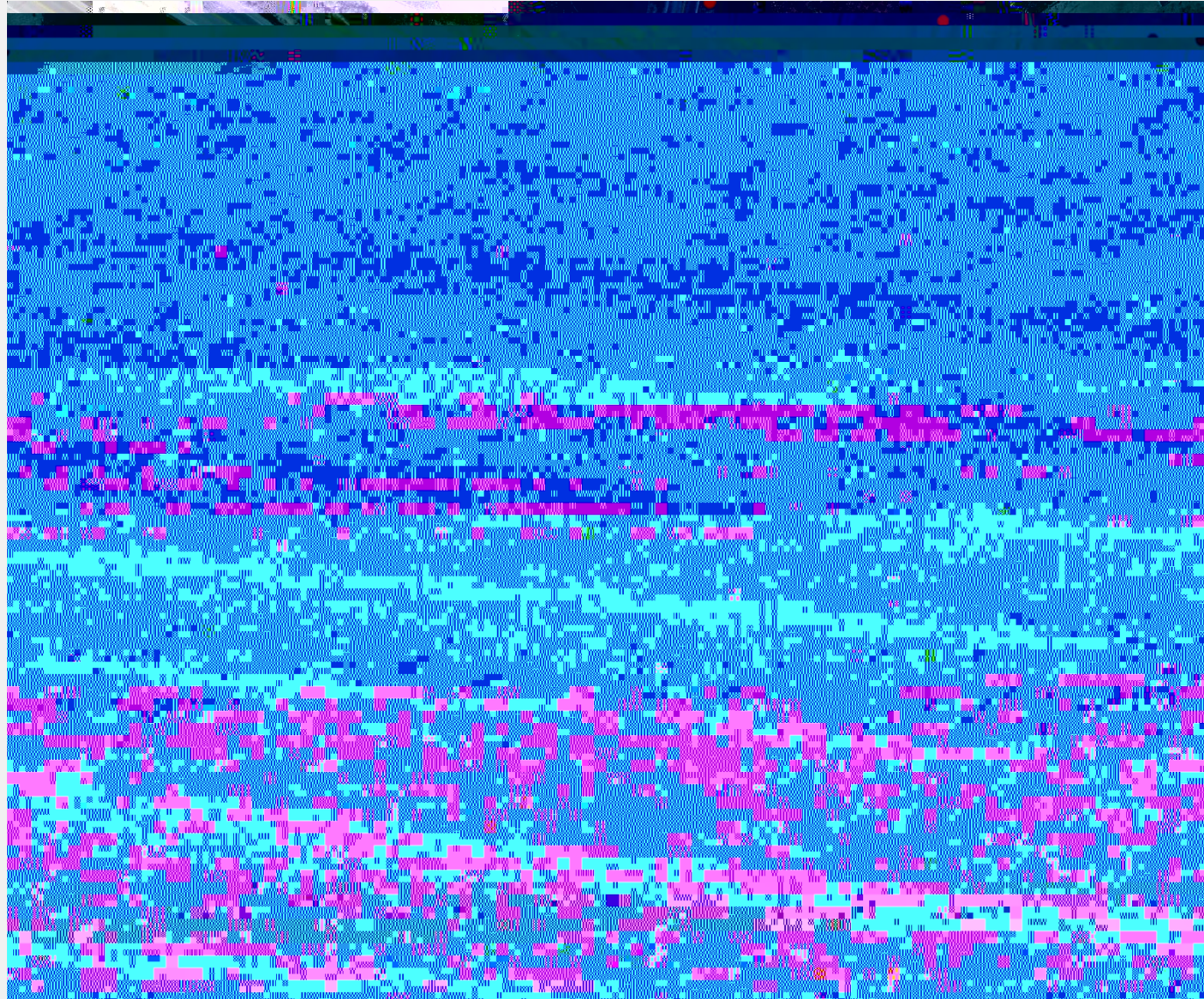
## LEGEND



# Pilot Project Detail

## LEGEND





# Typical Roadway Cross Section

# Integrate Specific Resiliency Project



## **MPO TIP:** Transportation Improvement Program 4 -years of Projects and Programs



**Local Government Bond Projects:** Laguna Shores Road: Reconstruction of 2- lane road, elevated to 5 feet above MSL and incorporate pilot wetland mitigation by MPO.

