

# Project Coordination & Logistics



**Presented by Gina Wilkolaski, PE**

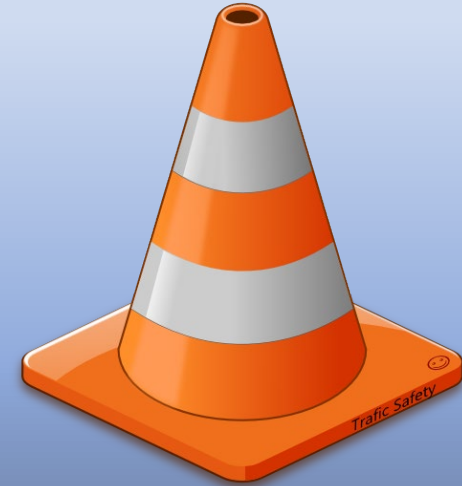
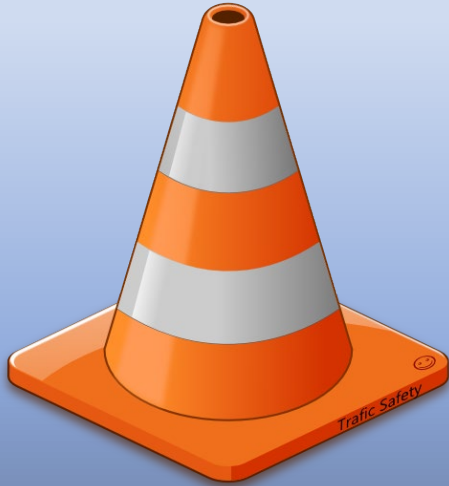


Erie County Department of Public Works



# Background Info:

- BS in civil engineering from UB
- Consulting engineer for 16 years
- Traffic Safety Engineer at Erie County for 9.5 years

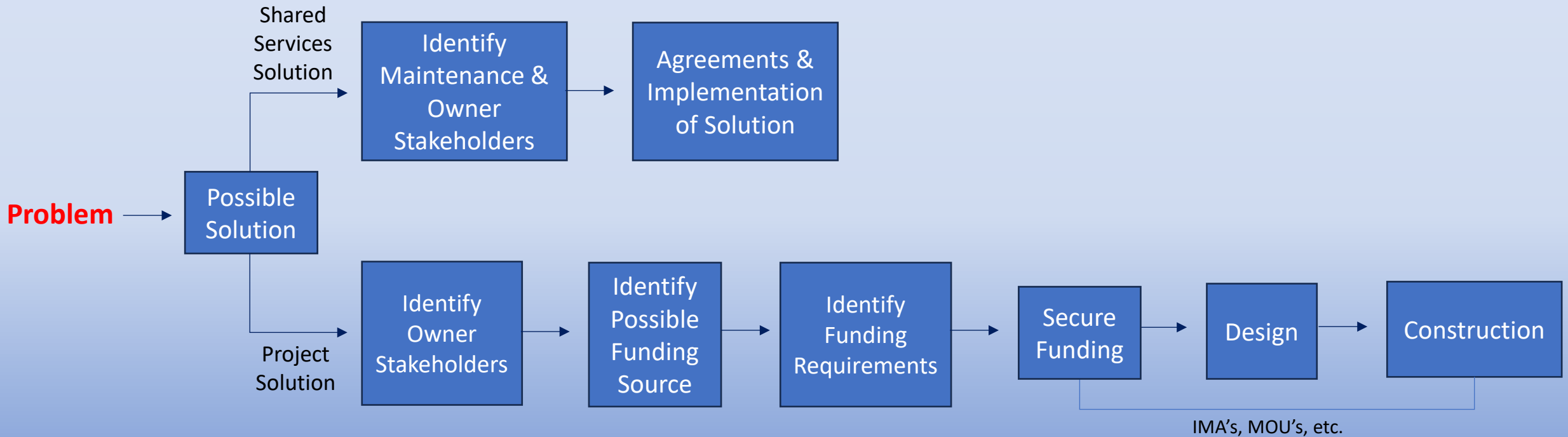


# Learning Outcomes:

- Understand key steps in advancing transportation projects from concept to implementation
- Understand interagency coordination required for roadway and Right of Way improvements
- Identify ownership, jurisdictional, and maintenance considerations
- Recognize available funding sources and potential project sponsors

# Project Key Steps

## Concept → Implementation



# Identify the Problem

- Complaints
- Crash history
- Observed close calls
- Town Highway Superintendents



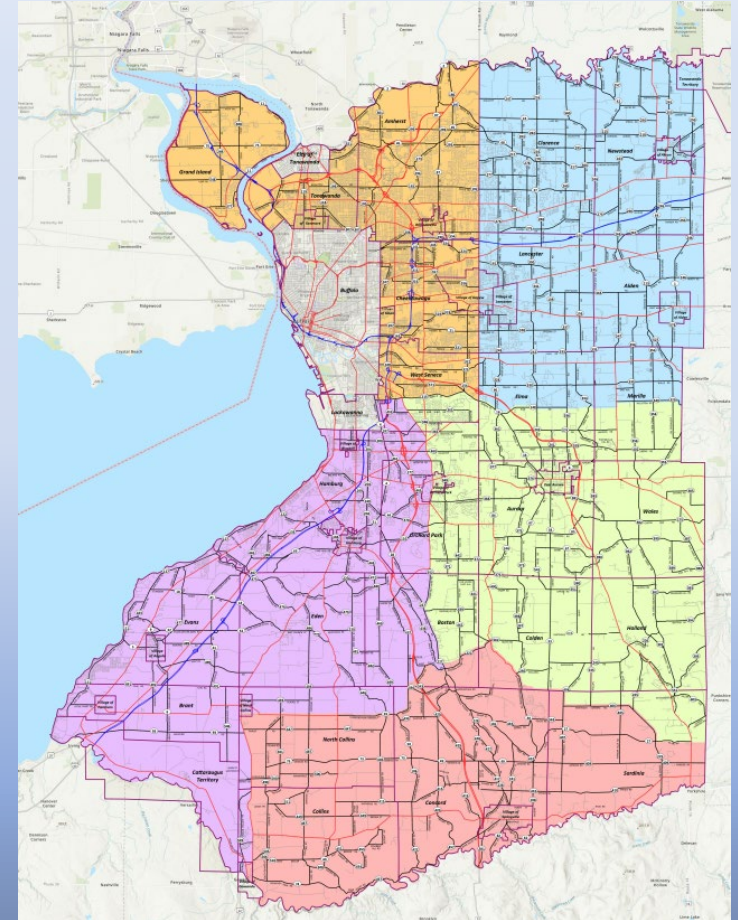
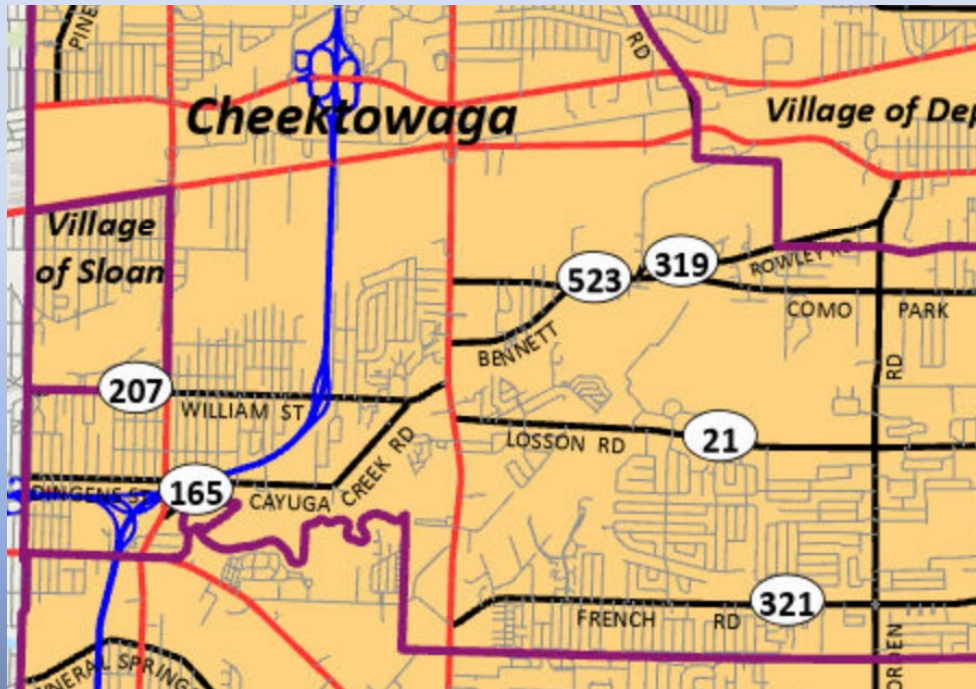
# Identify Possible Solutions

- Municipal Engineer
- Feasibility Study
- Design Report



# Who Is the Owner Stakeholder?

- Who owns the road?
- [www.erie.gov/dpw](http://www.erie.gov/dpw) - Erie County District Map



# Who Would Own & Maintain Improvements?

- Road ownership does not equal ownership of all facilities in ROW.
- NYS Highway Law & NYS Vehicle and Traffic Law can help identify responsibilities.
  - Towns – V&T Law Article 41
  - Villages – V&T Law Article 39
- Work in another agencies ROW will require:
  - Early and regular coordination
  - Permits
  - Possible Intermunicipal Agreements (IMAs)

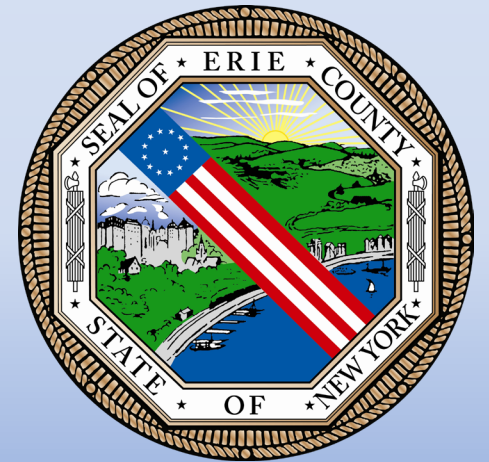
# Identify Project Roles

- Locally Owned → Local Decisions
  - ✓ ROW Owner: Town/Village
  - ✓ Improvement Owner: Town/Village
  - ✓ Sponsor: Town/Village
  - ✓ Must still follow appropriate engineering design guidance
  - ✓ Requirements of funding source will apply



# Identify Project Roles

- County Owned → Coordinate with Erie County DPW (ECDPW)
  - ✓ ROW Owner: County
  - ✓ Improvement Owner: depends
  - ✓ Sponsor: depends
  - ✓ Early coordination with ECDPW
  - ✓ Letters of support for funding applications
  - ✓ All County design requirements and policies apply.
  - ✓ [Sidewalk](#) and [tree](#) policies on ECDPW website
  - ✓ Highway work permits needed.



# Identify Project Roles

- NYSDOT Owned → Contact NYSDOT with Concerns
  - ✓ Step 1: Contact NYSDOT
  - ✓ Sponsor: likely NYSDOT



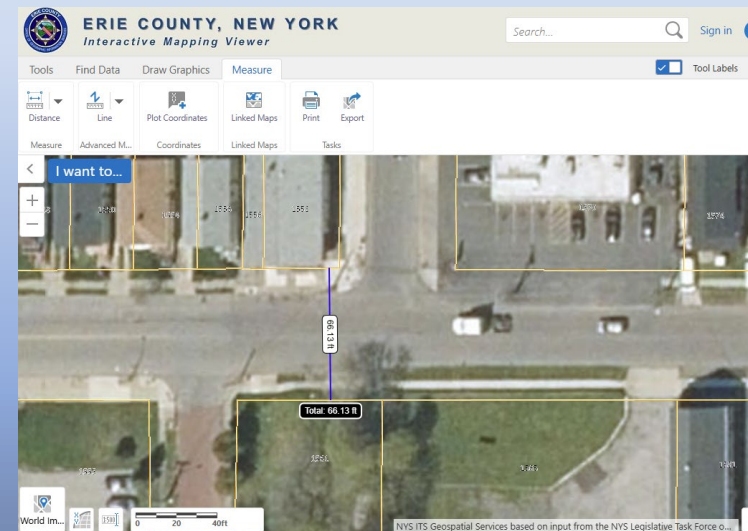
# Secure Funding

- Capital funded projects
- Grant Opportunities and Federal Aid Funding
  - ✓ Transportation Improvement Program (TIP)
  - ✓ Bridge NY and Culvert NY
  - ✓ Transportation Alternatives Program (TAP)
  - ✓ Congestion Mitigation and Air Quality (CMAQ)
  - ✓ Rural Surface Transportation Grant Program (RURAL)
  - ✓ Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
  - ✓ Safe Streets and Roads 4 All (SS4A)
  - ✓ Strengthening Mobility and Revolutionizing Transportation (SMART)
  - ✓ Community Development Block Grant (CDBG)
- Word your application per funding source guidance
- Be aware of funding requirements



# Design Considerations

- All State and Federal guidance must be followed
  - ✓ AASHTO A Policy on Geometric Design of Highways and Streets (Green Book)
  - ✓ AASHTO Roadside Design Guide
  - ✓ Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)
  - ✓ AASHTO Guide for the Development of Bicycle Facilities
  - ✓ Etc.
- Right of Way
  - ✓ Acquisition can take years



# Design Considerations

## ➤ Drainage

- ✓ Ditches tend to hold more water than pipes.
- ✓ Include cost of enclosing drainage if necessary.
- ✓ Runoff and storms sizes have increased.
- ✓ SPDES permits
- ✓ Bike friendly grates
- ✓ NYSDEC requirements

## ➤ Dedicated Bike Lanes

- Parking vs. bike lanes
- Sidewalks needed

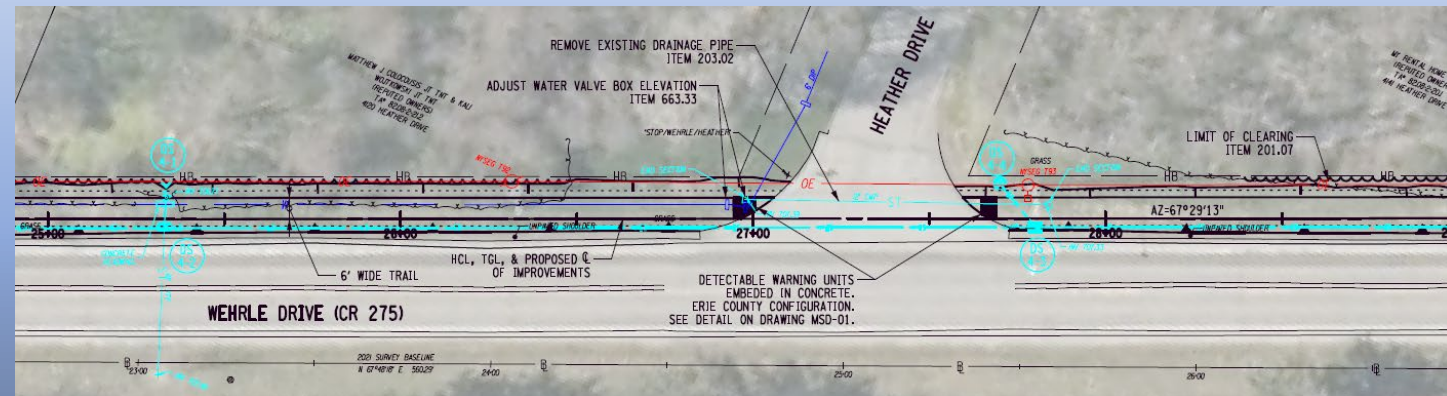


# Design Considerations

- On County Roads
  - ✓ No medians, bumpouts, bollards, or speed humps
  - ✓ In some cases, a municipality can take over ownership of a County road in order to install the above.
  - ✓ New truck restrictions = Town or Village-wide truck routes
  - ✓ Tree policy
- Edge lane roads should be limited to local owned roads only

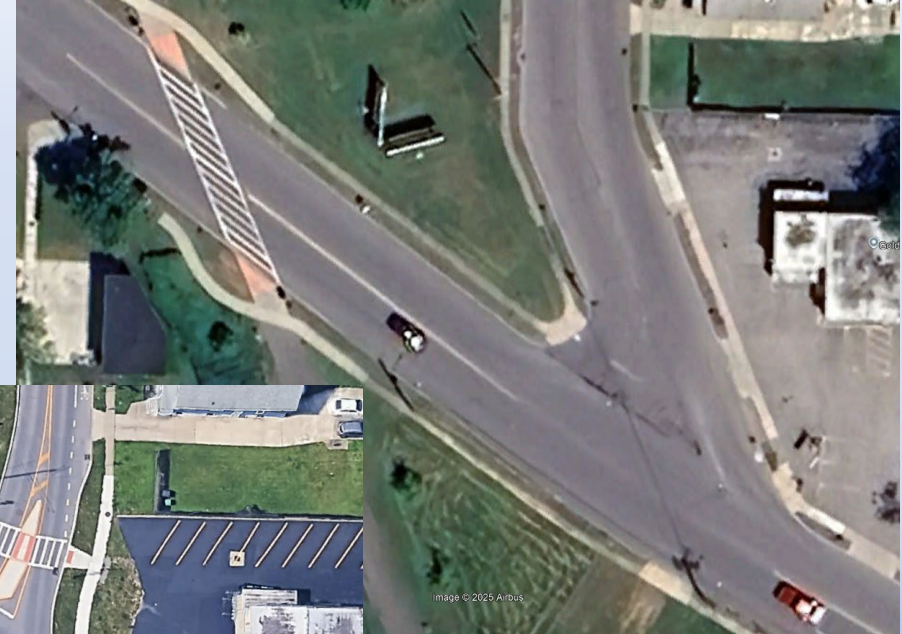
# PIN 5763.59 Wehrle Dr Pedestrian Accommodations

- ✓ Location: Sunset Park to West Shore Trail
- ✓ Funding: Federal Aid (STBG)
- ✓ Sponsor: Town of Clarence
- ✓ Local Match: Town of Clarence
- ✓ Coordination:
  - ✓ IMA with Erie County DPW
  - ✓ Contractor Highway Work Permit
- ✓ Design Considerations
  - ✓ Drainage work
  - ✓ Separation from road
  - ✓ Trail width – 6 feet



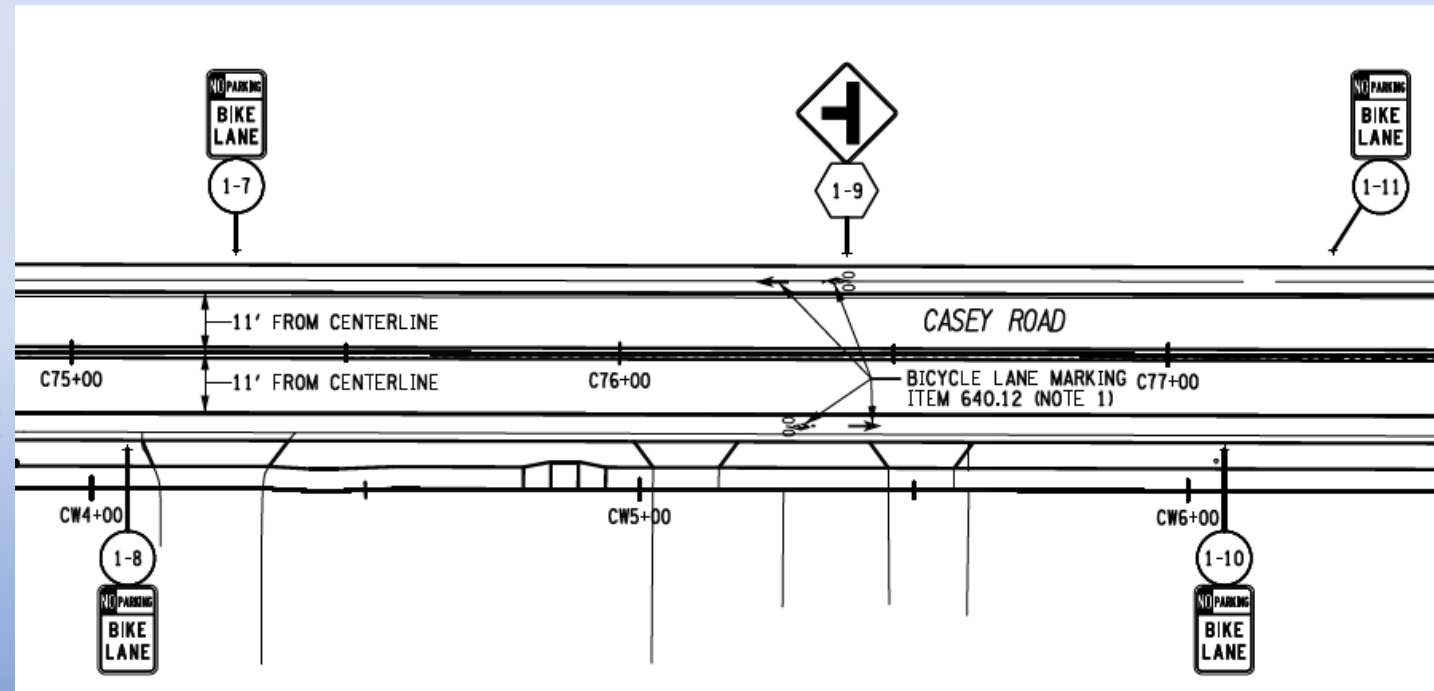
# PIN 5763.47 Complete Streets for Parker Blvd

- ✓ Location: Englewood Ave to Sheridan Dr
- ✓ Funding: Federal Aid (CMAQ)
- ✓ Sponsor: Town of Tonawanda
- ✓ Local Match: Town of Tonawanda
- ✓ Coordination:
  - ✓ IMA with Erie County DPW
  - ✓ Contractor Highway Work Permit
- ✓ Design Considerations
  - ✓ Plowing of roundabouts
  - ✓ Mini roundabouts
  - ✓ Curb bumpouts
  - ✓ ADA ramps



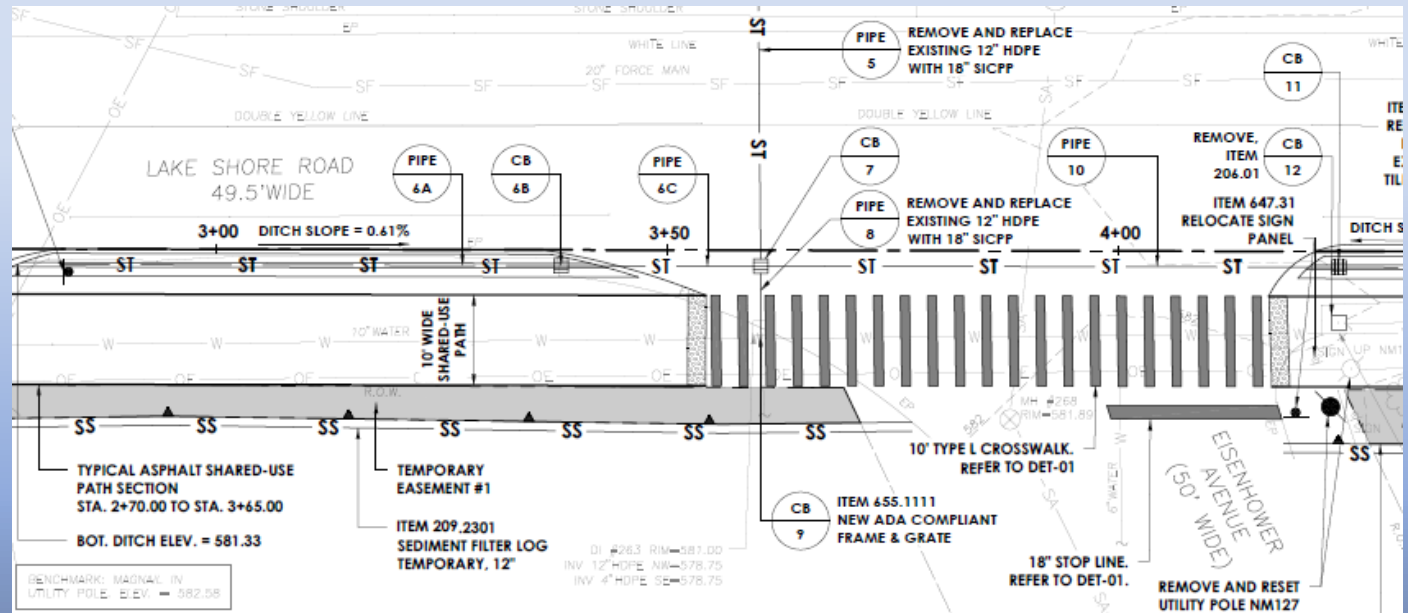
# PIN 5764.66 Casey Rd Pedestrian & Bicycle Safety Improvements

- ✓ Location: Paradise Rd to Transit Rd
- ✓ Funding: Federal Aid (TAP)
- ✓ Sponsor: Town of Amherst
- ✓ Local Match: Town of Amherst
- ✓ Coordination:
  - ✓ IMA with Erie County DPW
  - ✓ Contractor Highway Work Permit
- ✓ Design Considerations
  - ✓ Shoulder widening
  - ✓ Road resurfacing



# Lake Erie Beach Multi-Use Trail

- ✓ Location: Lake Shore Rd (Point Breeze Dr to AJ Schmidt Elementary School)
- ✓ Funding: Federal Aid (CDBG)
- ✓ Sponsor: Town of Evans
- ✓ Local Match: Town of Evans
- ✓ Coordination:
  - ✓ Contractor Highway Work Permit
- ✓ Design Considerations
  - ✓ ROW restrictions
  - ✓ Drainage work
  - ✓ Separation from road
  - ✓ Trail width – 10 feet



# PDH Questions

- True or False: The road owner will own and maintain everything within the Right of Way.
- Name 2 sources to help identify a problem location.
- What is the role of the project sponsor?
- What does MUTCD stand for?
- Name 2 different funding sources.



# Questions?



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