

# **TSPLOST 2026 PROJECT SUBMISSION**



**TRANSPORTATION AND PUBLIC WORKS  
DEPARTMENT**



# VISION ZERO ACTION PLAN IMPLEMENTATION



# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Summary of need:*

- Athens-Clarke County experiences preventable traffic fatalities and serious injuries due to unsafe road conditions.
- The Vision Zero Action Plan aims to eliminate all traffic-related deaths and severe injuries through data-driven safety improvements.
- Current safety measures are fragmented, reactive, and dependent on limited funding sources.
- Without intervention, high-risk intersections and corridors will continue to pose safety threats to pedestrians, cyclists, and motorists.
- Proactive, systematic safety measures are needed to create a transportation network that prioritizes safety for all road users.



# VISION ZERO ACTION PLAN IMPLEMENTATION

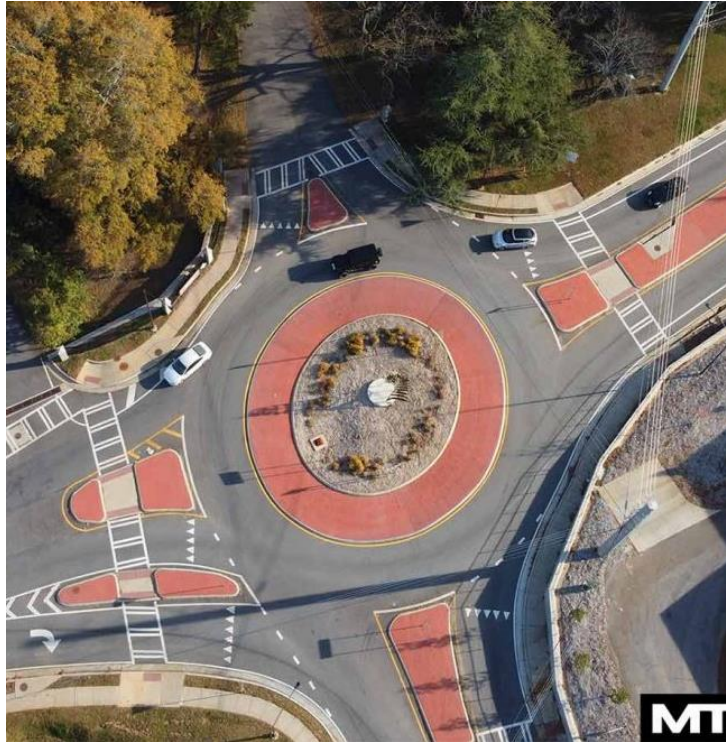
## *Project Description:*

- This program will implement high-priority safety projects identified in the upcoming Vision Zero Safety Action Plan.
- Focus areas include major capital improvements at high-crash locations, systematic speed management solutions, and rapid-response safety enhancements.



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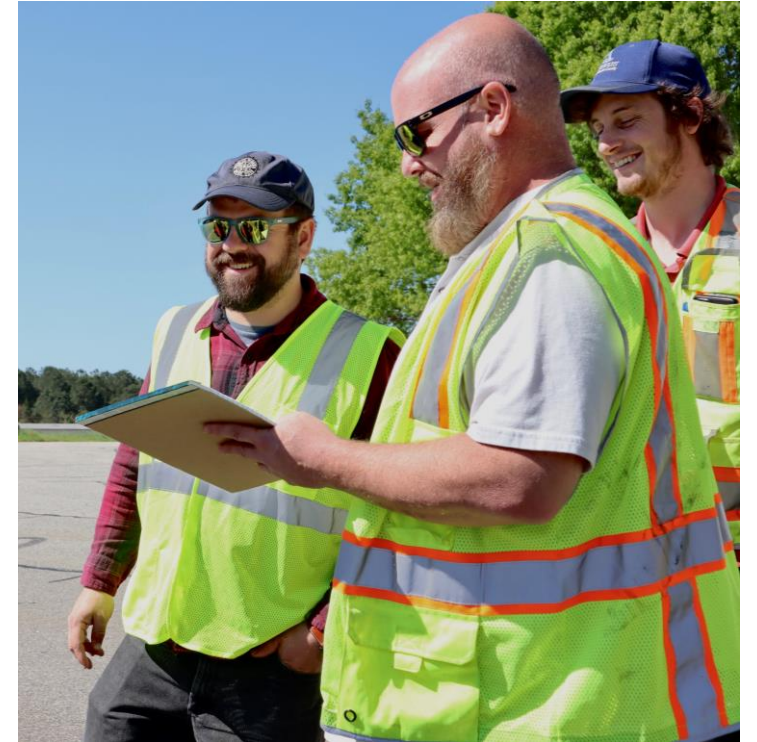
## *Capital Safety Improvements*



## *Speed Management Program*



## *Road Safety Audit Implementation*





# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Project Justification:*

- Safety interventions will be guided by crash data, severity rates, and equity considerations to ensure maximum impact.
- The program aligns with Athens-Clarke County's commitment to safe, efficient, and equitable transportation systems.



# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Possible Project Elements:*

- **Capital Safety Improvements** (Major infrastructure enhancements at high-risk intersections and corridors)
- **Speed Management Program** (Traffic calming, school zone safety, and speed feedback systems)
- **Road Safety Audit Implementation** (Rapid-response safety enhancements like quick-build solutions, enhanced pedestrian crossings, improved lighting, and other improvements identified during Road Safety Audits)
- **Advanced Signal and Intersection Upgrades** (Improved intersection design, signal modifications, and visibility enhancements)
- **Public Engagement and Education** (Safety awareness campaigns and Vision Zero community partnerships)

# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Budget:*

- **Major Safety Improvements - \$7,000,000**
  - Full intersection reconstruction: \$2-2.5M each
  - Mast arm signals: \$250,000-300,000 per intersection
  - Advanced detection: \$75,000-100,000 per intersection
  - LED lighting: \$15,000-20,000 per intersection
- **Speed Management Program - \$2,000,000**
  - Traffic calming: \$50,000-150,000 per location
  - Speed feedback systems: \$8,000-12,000 each
  - School zone improvements: \$25,000-40,000 per location
- **RSA Implementation - \$1,500,000**
  - Quick-build improvements: \$25,000-75,000 per location
  - Signal modifications: \$75,000-100,000 per intersection
  - Enhanced crossings: \$40,000-60,000

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$400,000
2. Design Fees: (Minimum of 12% of Construction costs for new construction)	\$1,260,000
3. Miscellaneous Fees: (Minimum of 3% of Construction costs – used for permitting, etc. Utilize minimum of 10% if land acquisition is necessary)	\$315,000
4. Construction: (Provide a detailed cost estimate of this component)	\$10,500,000
5. Construction Contingency: (Calculate at 10% of the Construction line item. If additional Construction Contingency is needed, use one of the “Other” below)	\$1,050,000
6. Acquisition of Capital Equipment:	\$300,000
7. Testing: (Minimum of 3% of construction costs for project whose construction component if over \$1 million and 5% for those whose construction component between \$1 million and \$500,000 and 10% of construction costs for projects less than \$500,000.	\$315,000
8. Project Management: (Calculate at 4% of total budget line items above)	\$566,000
9. Project Contingency: (Calculate at 10% of the total budget line items above. If additional Project Contingency is needed, use one of the “Other” below)	\$1,471,000
10. Public Art: (Calculate at 1% of the Construction line item)	\$105,000
11. Other (describe): Data Management Systems	\$200,000
12. Other (describe): Education/Outreach Programs	\$150,000
<b>Project Subtotal:</b>	<b>\$16,632,000</b>
14. Program Management (Calculate at 2% of Project Subtotal):	\$333,000
<b>TSPLOST 2026 Project Total:</b>	<b>\$16,965,000</b>



# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Community Impacts:*

- Reduction in traffic fatalities and severe injuries
- Safer roadways for pedestrians, cyclists, and drivers
- Enhanced connectivity and access for all residents



# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Impacts of Not Funding:*

- Continued high crash rates, fatalities, and serious injuries at known high-risk locations.
- Limited ability to address safety concerns with quick, effective interventions.
- Missed opportunities to leverage federal and state safety funding.
- Inequitable distribution of safety improvements, disproportionately affecting vulnerable populations.
- Increased long-term costs for emergency response and healthcare due to preventable crashes.

# VISION ZERO ACTION PLAN IMPLEMENTATION

## *Equity Considerations:*

- Prioritizes safety investments in historically underserved areas.
- Ensures all road users, including pedestrians and cyclists, benefit from enhanced safety measures.
- Implements targeted improvements at locations with the highest crash rates and injury severity.
- Provides equitable access to safe streets and transit connections.



# VISION ZERO ACTION PLAN IMPLEMENTATION

## *M&C Strategic Commitments:*

- ✓ **Goal Area 1; Section D:** Drive community transformation with a focus on creating spaces that are respectful and welcoming
- ✓ **Goal Area 1; Section E:** Support & Promote healthy lifestyle: moving, eating, forming healthy relationships, physical and psychological care
- ✓ **Goal Area 5; Section A:** Improve, expand, and maintain sidewalks, shared-use paths, and bike facilities to provide greater opportunities for residents to use active transportation safely
- ☐ **Goal Area 5; Section B:** Pursue inter-city travel options to connect Athens with other cities
- ✓ **Goal Area 5; Section C:** Expand multi-modal Transit access to reduce auto dependency and provide greater mobility for Athens residents
- ✓ **Goal Area 5; Section D:** Create more usable and aesthetically pleasing corridor connections between residential and commercial areas
- ✓ **Goal Area 5; Section E:** Enhance safety for all modes of transportation
- ✓ **Goal Area 6; Section A:** Develop well-planned new infrastructure according to future land use values and framework
- ✓ **Goal Area 6; Section B:** Ensure equitable access to infrastructure to enhance safety and identity
- ✓ **Goal Area 6; Section C:** Provides adequate funding for maintenance of existing and newly constructed infrastructure
- ✓ **Goal Area 6; Section D:** Follow through on commitment to 100% Clean and Renewable Energy resolution
- ✓ **Goal Area 6; Section E:** Address ecosystem health, infrastructure sustainability, and resilience

# Thank you

**ATHENS-CLARKE COUNTY**