



City of Casselberry

Public Works Department

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TRIPLET LAKE DRIVE IMPROVEMENTS PROJECT (INCLUDES “SIGNATURE STREET” AND “REALIGNMENT”)

Updated: November 16, 2016

Visit www.casselberry.org/go for the latest version of this document

DETOUR NOTIFICATIONS

Motorists, cyclists, and pedestrians are encouraged to avoid the project area to the extent practicable, as it is an active construction site.

Triplet Lake Drive from US 17-92 to Quail Pond Circle is FULLY CLOSED. THIS CLOSURE IS ANTICIPATED TO BE IN PLACE UNTIL APPROXIMATELY DECEMBER 23, 2016.

This is associated with the “Realignment” portion of the project. See attached maps at the end of this document for a depiction of this closure and detours (approximate closed off area shown in yellow.) As part of this closure, the following changes are in place:

- 1) **Physical barriers are in place to block access to the closed portion of Triplet Lake Drive.** Motorists, cyclists, and pedestrians who normally access US 17-92 via Triplet Lake Drive at City Hall (and vice versa) will need to follow detours to reach their destination. **THIS INCLUDES BOTH LOCAL AND THRU TRAFFIC. For your safety and the safety of construction workers, please obey signage and do not attempt to drive, ride, or walk around these barriers.** Detours on the north side will include use of Sunset Dr, Oakwood Dr, Secret Way, Seminola Blvd, and Button Rd. Detours on the south side will include Sunset Dr, Overbrook Dr, and Piney Ridge Rd.
- 2) The **southbound** left turn lane on US 17-92 at Triplet Lake Drive is closed, as left turns onto eastbound Triplet Lake Drive are not be permitted.
- 3) City Hall and Lake Concord Park may be accessed from US 17-92 via Melody Lane. (Follow signs for parking. The Art House is also within walking distance through Lake Concord Park.)
- 4) The Art House, Lake Concord Park, and City Hall may be accessed from Quail Pond Circle (via Sunset Dr and Triplet Lake Drive east of Quail Pond Circle). The Lake Concord Park parking lot can be accessed off of Quail Pond Circle at the Art House.
- 5) There is minimal impact to the west side of the US 17-92/Triplet Lake Drive intersection (Target side), except the eastbound Triplet Lake Drive thru/right lane has temporarily become a right-only turn onto southbound US 17-92.

For Triplet Lake Drive from Quail Pond Circle to the N/S Triplet Lake Drive intersection (associated with the “Signature Street” portion of the project), although the goal is to keep

the road open as much as practical, expect temporary detours and lane closures periodically throughout the course of the project. Certain segments will also periodically be limited to local traffic only. Residents within the project limits will always have access to their homes, but coordination with construction personnel may be necessary, and access points may be limited from time to time (e.g., you may not be able to always use your preferred route to access your home.) Detour and other maintenance of traffic signage will be placed as needed during the course of the project.

PLEASE NOTE: The parking lot behind Public Works is open. However, it is requested that visitors park in spaces closer to the Art House rather than directly behind the Public Works building since there is still some remaining construction work to be done in the parking lot. This parking lot can still be accessed via Quail Pond Circle. **Access to this parking lot and associated facilities is considered “local traffic.”**

IF I HAVE CONCERNS DURING THE PROJECT, WHO SHOULD I CONTACT?

Questions regarding the project should be directed to Construction Engineer Inspector Michael Herrera at (407) 948-9538 or herreramy@cdmsmith.com or the Project Superintendent Shan Rahmin at (407) 416-4781 or srahmin@whartonsmith.com. If your questions or concerns are not sufficiently addressed, please contact the Construction and Permitting Manager, Brad Muckel at (407) 262-7725 ext 1237 or bmuckel@casselberry.org.

WHAT IS THE PROJECT SCHEDULE?

Construction is nearing completion. Paving, brick pavers, curbing, and sidewalk have been substantially completed. It is expected new streetlighting and landscaping will be completed in December 2016. It is expected all roads will be reopened by **approximately December 23, 2016.** There may be construction and cleanup activity through January 2017 in order to fully complete the project. Please check www.casselberry.org/go frequently for updates to this document and the project schedule, as it is subject to change due to a variety of conditions, including weather.

WHAT IS THE PROJECT? WHERE WILL THE PROJECT TAKE PLACE?

The project consists of the total reconstruction and partial realignment of Triplet Lake Drive from US 17-92 to the Middle Lake Triplet boat ramp (east of the N/S Triplet Lake Drive intersection). It consists of two components: the “Realignment” component will significantly realign Triplet Lake Drive from US 17-92 to Quail Pond Circle, generally moving it closer to City Hall and Public Works Administration buildings. The “Signature Street” component will reconstruct Triplet Lake Drive from approximately Quail Pond Circle (previous roundabout location) to the Middle Lake Triplet boat ramp. The “Signature Street” will also reconstruct and/or resurface portions of Sunset Drive, North Triplet Lake Drive, South Triplet Lake Drive, and South Embrey Drive. See approximate limits map on the next page.

Approximate Project Limits



WHAT CONSTRUCTION DOES THE PROJECT INCLUDE?

Reconstruction methods generally include the removal of existing above ground improvements (pavement, sidewalks, curbing, etc.) and removal and replacement of some portions of existing water, sanitary sewer, and drainage facilities.

For the “Realignment” portion, removal of the existing roundabout near City Hall, existing parking in front of City Hall, and a portion of the Public Works building is included to accommodate the new road alignment. The new road will include medians and a smaller roundabout in front of City Hall. New stormwater pipes and inlets, sanitary sewer, and water mains will also be constructed.

For the “Signature Street” portion, curb and gutter will be added to the new Triplet Lake Drive, and a new wide sidewalk will be constructed on the north side of the road. This sidewalk will be narrowed and meandered at certain locations to avoid existing mature trees and other conflicts. Veterans Memorial Park will be reconstructed to both provide stormwater retention (in the form of a large, landscaped rain garden) and improved park amenities (including a boardwalk, bike racks, parking spaces, a monument sign, a flagpole, benches, and accent lighting). Drainage improvements will also be made along the boat ramp access at Middle Lake Triplet, providing a new linear rain garden/biodetention area and opening the area up to pedestrian and bicycle access. Roadside rain gardens will also be constructed in select locations. New storm pipes and inlets and a new sanitary sewer will also be constructed along Triplet Lake Drive, providing new service to properties currently dependent on septic systems. A new storm pipe will be installed along South Embrey Drive, directing stormwater into the City’s wetland system east of South Embrey Drive.

Both project components will feature enhanced landscaping, updated lighting, and brick paving at select locations. Shared lane markings will also be installed to guide cyclists. Driveway aprons will be reconstructed as needed.

WILL TRIPLET LAKE DRIVE BE CLOSED DURING CONSTRUCTION?

While not all of Triplet Lake Drive will be continuously closed throughout the project, motorists, cyclists, and pedestrians should expect occasional lane and sidewalk closures and detours. **The portion of Triplet Lake Drive between US 17-92 and Quail Pond Circle will be closed until approximately December 23, 2016.** Check the “detour” section at the beginning of this document for additional information and updates. Signage will be placed as needed during the project.

DO I NEED TO DO ANYTHING?

The City’s contractor will notify local residents in advance of any project activities that may require resident action.

Residents in the project area will be impacted by construction, which may result in delayed ingress/egress to and from their residences; therefore patience, understanding and planning for delays are necessary. In the event special needs arise, please contact the Construction Engineer Inspector Michael Herrera at (407) 948-9538 or herreramv@cdmsmith.com or the Project Superintendent Shan Rahmin at (407) 416-4781 or srahmin@whartonsmith.com.

Services such as U. S. Postal delivery and other delivery services, solid waste pickup, and emergency services will be maintained throughout the duration of the project.

WHY IS THIS PROJECT BEING DONE? IS IT PART OF THE LAKE CONCORD PARK/CITY CENTER PROJECT?

The Neighborhood Improvement Program was established in 2010 to holistically address needed improvements to the City’s transportation system, especially within its neighborhoods. The “Signature Street” was an envisioned component of this program, intended to rehabilitate the road and make it an amenity for the community. The “Signature Street” will also provide a new major sanitary sewer line that will serve the Lake Concord Park/Integra Lakes (aka “City Center”) development currently underway. The “Realignment” portion of the project is an integral component of the “City Center” development, as it will shift the road to accommodate the new development as well as serve as a gateway/entry feature into the community.

HOW BIG IS THIS PROJECT?

Just under 1 mile of roadway (including affected sidestreets and the boat ramp access) will be impacted by this project.

IS THIS A “GREEN” PROJECT?

There are several “green” features of this project. Casselberry is the first City in Florida to comprehensively *require* the use of warm mix asphalt for projects of this nature. Warm mix asphalt is produced at lower temperatures than conventional “hot mix” asphalt. This has the benefit of saving energy; reducing emissions; and improving working conditions, compaction, and pavement longevity. In addition, the drainage improvements and additional sanitary sewer installed with the project also help protect the City’s lakes by (respectively) treating stormwater before it discharges to our water bodies and

by reducing risk of waterbody contamination via septic tank drain fields. The project's design is also intended to encourage active forms of transportation, such as cycling or walking.

HOW MUCH DOES THIS PROJECT COST? HOW IS THIS PROJECT BEING FUNDED?

The construction cost of this project, inclusive of the partial demolition and renovation of the Public Works building, is approximately \$5.6 million. This does not include demolition and construction covered under a separate mass grading project associated with the Lake Concord Park/Integra Lakes (aka "City Center") development. This project is being funded by a variety of sources, including the City's Stormwater Utility, Water and Sewer Utility, Local Option Gas Tax, and Infrastructure Sales Tax.

WILL MY WATER AND SEWER UTILITY SERVICES BE INTERRUPTED?

There may be some very short durations for some locations when utility services will be interrupted. These interruptions should be of short duration (e.g., the length of time to make a new service connection). Residents should receive notification on the date this will occur. There may be other service interruptions which are the result of unforeseen conditions or breaks in the line. These service interruptions should also be short in duration.

I AM CURRENTLY ON SEPTIC? WILL THIS PROJECT CONNECT ME TO SEWER? IF NOT, HOW DO I CONNECT?

This project will construct a new sanitary sewer main (pipe) along Triplet Lake Drive that will be able to serve properties currently on septic. However, the project does not include abandonment of septic systems or actual connection of residences to the new sewer main. **Once sanitary service is available, affected residences will be notified and provided information on how to connect to the system.**

WHAT IS A SHARED LANE MARKING? WHAT DOES IT MEAN? WHERE ARE THEY GOING?

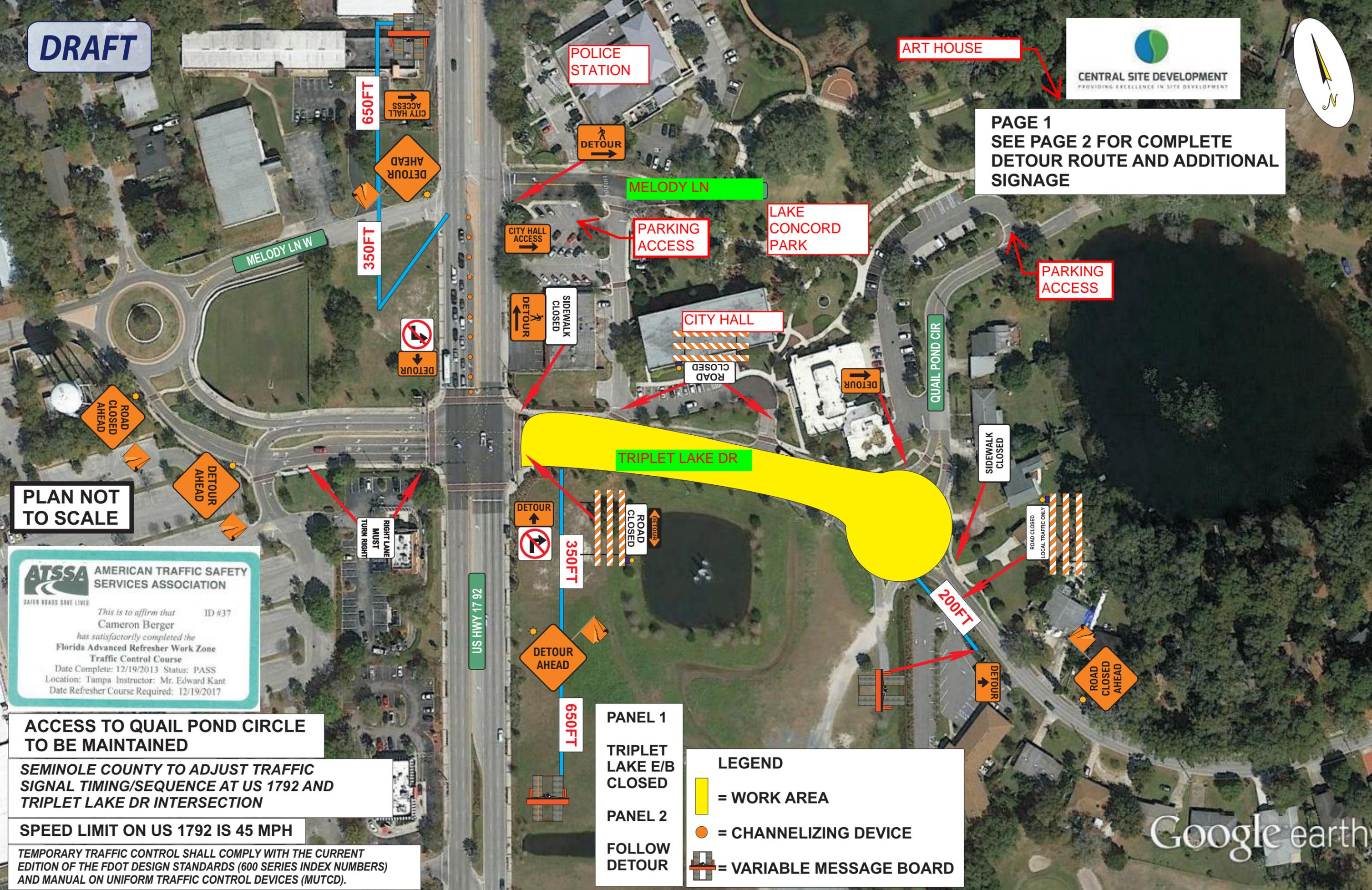
A shared lane marking (also called a "sharrow" or "SLM") is special striping symbol added to a road to emphasize shared use by bicycles is appropriate. **It IS NOT a dedicated bike lane**, in which bicycles have their own lane and can ride side-by-side with motorists. Instead, bicycles and automobiles share the road in line rather than side-by-side. These sharrows are added both to help guide bicyclists and also to notify motorists that they should expect (and respect) bicyclists on the road. For most streets in Casselberry, roads are too narrow for both bicycles and automobiles to ride side-by-side safely. However, in general bicyclists are allowed to share the road (i.e., ride in line with traffic) in such situations (regardless of whether shared lane markings are present.) Shared lane markings are being placed on Triplet Lake Drive with this project, as it is intended to be more bicycle friendly as part of the City's Bicycle Master Plan. Triplet Lake Drive provides important connectivity between City Hall/Lake Concord Park and other bicycle friendly streets and trails. **For more information on bicycling and related laws in Florida, visit www.floridabicycle.org.** A picture of a typical shared lane marking is on the next page:



DRAFT



**PAGE 1
SEE PAGE 2 FOR COMPLETE
DETOUR ROUTE AND ADDITIONAL
SIGNAGE**



**PLAN NOT
TO SCALE**

ATSSA AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
SAFER ROADS SAVE LIVES

This is to affirm that **ID #37**
Cameron Berger
 has satisfactorily completed the
**Florida Advanced Refresher Work Zone
 Traffic Control Course**
 Date Complete: 12/19/2013 Status: PASS
 Location: Tampa Instructor: Mr. Edward Kant
 Date Refresher Course Required: 12/19/2017

**ACCESS TO QUAIL POND CIRCLE
TO BE MAINTAINED**

**SEMINOLE COUNTY TO ADJUST TRAFFIC
SIGNAL TIMING/SEQUENCE AT US 1792 AND
TRIPLET LAKE DR INTERSECTION**

SPEED LIMIT ON US 1792 IS 45 MPH

**TEMPORARY TRAFFIC CONTROL SHALL COMPLY WITH THE CURRENT
EDITION OF THE FDOT DESIGN STANDARDS (600 SERIES INDEX NUMBERS)
AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).**

PANEL 1
 TRIPLET LAKE E/B
 CLOSED

PANEL 2
 FOLLOW
 DETOUR

LEGEND
 = WORK AREA
 = CHANNELIZING DEVICE
 = VARIABLE MESSAGE BOARD

Google earth



SEE PAGE 1

TO BE USED WITH SIGNS
ALREADY POST-MOUNTED
IN COMPLETE WORK ZONE

TEMPORARY TRAFFIC CONTROL SHALL COMPLY WITH THE CURRENT
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AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

PLAN NOT
TO SCALE

ATSSA AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
SAFER ROADS. SMARTER LIVES.

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