

**APPENDIX C**

**Ordinance Mileposting**

## General Items for ensuring Ordinances Milepost

- TEAAS features reports shall be used for the beginning and ending points of all ordinances. No other sources shall be used.
- The beginning and ending points of ordinances shall follow the direction of the route on the TEAAS features report. Engineering directions (south to north and west to east) shall no longer be used.
- Loop features shall not be used to reference the beginning or ending points of ordinances (these are indicated with a “Y” in the “loop” column). Only unique features on the TEAAS features report shall be used.
- Railroad crossings and structures (bridges and culverts) shall not be used to reference the beginning and ending points of ordinances.
- Intersections, state boundaries, and/or county boundaries shall be used to reference the beginning or ending points of ordinances (provided they are unique features).
- Local road names may be used (provided they are unique features) if no unique state maintained roads (I, US, NC, or SR), state boundaries, or county boundaries are available.
- A municipal boundary may be used in certain specific cases (provided it is a unique feature).
- If a features report is not available in TEAAS for the given route, or it is incorrect, then contact the Mobility and Safety Information Engineer to have the features report created and/or corrected. The “Milepost Request Form” shall no longer be used. A simple email indicating the county and road number(s) will suffice.
- Do not request a features report update if an ordinance does not milepost. Only request a features report update if a features report is incorrect or does not exist.

## Route Codes (8-digit codes)

First Digit: Route Type

- 1 - Interstate Route
- 2 - US Route
- 3 - NC Route
- 4 - Secondary (SR)
- 5 - Local Route
- 7 - County Line
- 8 - State Line
- 9 - Municipal Limit
- 0 - Mile Marker

Last Five Digits: Route Number

Route number (right justified)

# # # #####

Second Digit: Special Type

- 1 - Alternate
- 2 - Bypass
- 3 - North
- 4 - South
- 5 - East
- 6 - West
- 7 - Special (spur, connector, etc.)
- 8 - Truck
- 9 - Business
- 0 - None

Third Digit: Couplet Direction

- 3 - Northbound
- 4 - Southbound
- 5 - Eastbound
- 6 - Westbound
- 8 - Clockwise
- 9 - Counterclockwise
- 0 - Not a Couplet

## Route Codes (examples)

**10000040 - I 40**

1 - Interstate  
0 - None  
0 - Not a couplet  
00040 - Route number 40

**21000064 - US 64 Alternate**

2 - US Route  
1 - Alternate  
0 - Not a couplet  
00064 - Route number 64

**19000040 - I 40 Business**

1 - Interstate  
9 - Business route  
0 - Not a couplet  
00040 - Route number 40

**40001001 - SR 1001**

4 - Secondary Route  
0 - Alternate  
0 - Not a couplet  
01001 - Route number 1001

**50018682 - Main St.**

5 - City Street  
0 - None  
0 - Not a couplet  
18682 - Route number for Main St

**70000009 - Brunswick County Line**

7 - County Boundary  
0 - None  
0 - Not a couplet  
00009 - County number 9 (Brunswick Co)

**20000064 - US 64**

2 - US Route  
0 - None  
0 - Not a couplet  
00064 - Route number 64

**90000438 - Raleigh City Limits**

9 - City Boundary  
0 - None  
0 - Not a couplet  
00438 - City number 438 for Raleigh

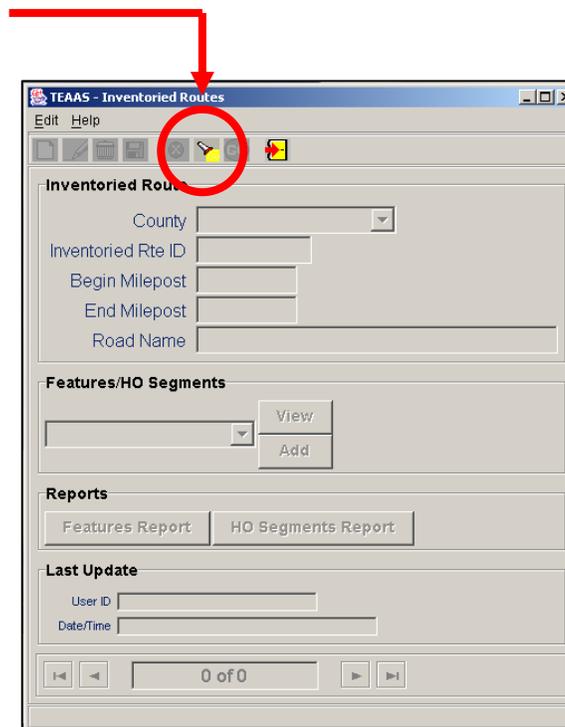
## Obtaining a TEAAS Features Report

**Step 1: Select the "Generate Reports"**



**Step 2: Select "Features"**

**Step 3: Select**

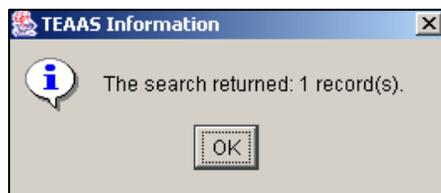


## Obtaining a TEAAS Features Report

**Step 4: Select a county and enter a route ID (using the 8-digit code**

**Step 5: Select**

**Step 6: Select**



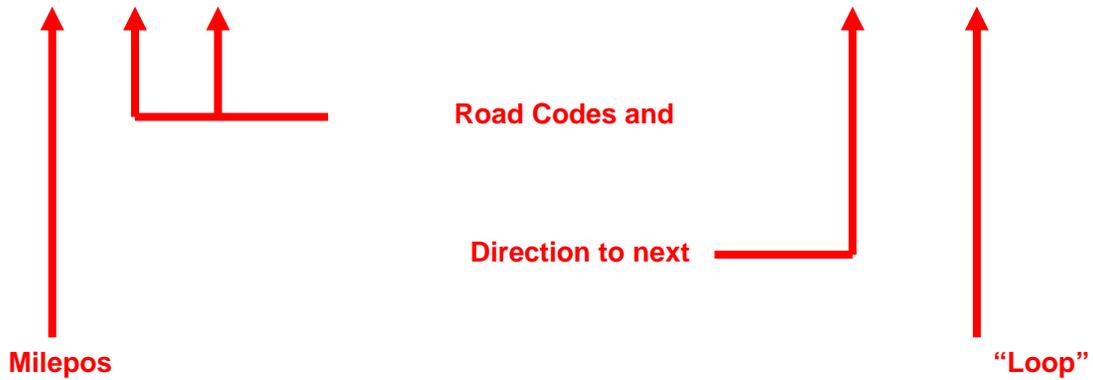
## Obtaining a TEAAS Features Report

North Carolina Department of Transportation  
 Traffic Engineering Accident Analysis System  
 Features Report

County	Inventoried Route ID	Begin Milepost	End Milepost
WAKE	40001010	0.0	18.170

MP No	Feature ID	Feature Name/Type	Special Type	Distance to Next	Direction to Next	Beyond Route Loop	Route Limits
0.000	70000050	CL-JOHNSTON		0.641	North and West		
0.641	50037266	RECA	At grade intersection, 3 legs	0.259	North and East		
0.900	30000050	NC 50	At grade intersection, 4 legs	0.000	North and West	Y	
0.900	40005324	SR 5324	At grade intersection, 4 legs	0.000	North and West		
0.900	50002356	BENSON	At grade intersection, 4 legs	0.000	North and West	Y	
0.900	50036106	STEVENS OAKS	At grade intersection, 4 legs	0.260	North and West		
1.160	50034415	GARDEN MEMORIES	At grade intersection, 3 legs	0.380	North and West		





## Example 1: Road Segment

**Solution:** Since neither SR 1006 or US 401 are loop features, you can use them as the beginning and ending points, respectively.

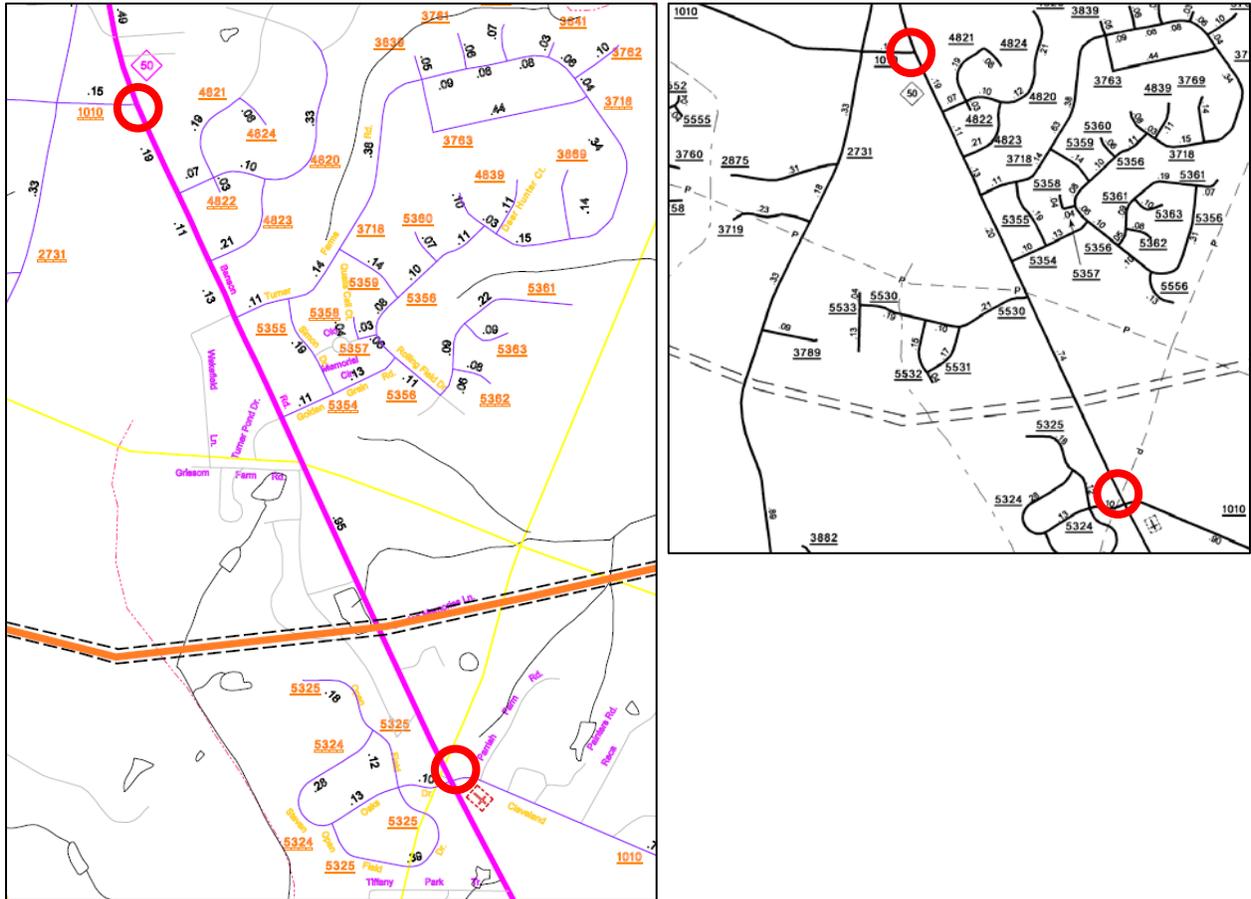
**Begin Point:** 0 miles northwest of SR 1006

**End Point:** 0 miles northwest (or southeast) of US 401

MP No	Feature		Special Type	Distance to Next	Direction to Next	Beyond Route	
	ID	Feature Name/Type				Loop	Limits
5.739	40001006	SR 1006	At grade intersection, 4 legs	0.000	North and West		
5.739	50022751	OLD STAGE	At grade intersection, 4 legs	0.131	North and West		
5.870	50034422	ON TRACK	At grade intersection, 3 legs	0.291	North and West		
6.161	50008704	DORSEY	At grade intersection, 3 legs	0.121	North and West		
6.282	50034423	CARY LEE	At grade intersection, 3 legs	0.331	North and West		
6.613	40003851	SR 3851	At grade intersection, 3 legs	0.000	North and West		
6.613	50020743	MOUNTAIN	At grade intersection, 3 legs	0.372	North and West		
6.985	40002723	SR 2723	At grade intersection, 3 legs	0.000	North and West		
6.985	50010205	FANNY BROWN	At grade intersection, 3 legs	0.322	North and West		
7.307	910462	Structure	Bridge	0.211			
7.518	40002722	SR 2722	At grade intersection, 3 legs	0.000	North and West		
7.518	50022374	OLD MCULLERS	At grade intersection, 3 legs	0.412	North and West		
7.930	20000401	US 401	At grade intersection, 4 legs	0.000	North and West		
7.930	50010335	FAYETTEVILLE	At grade intersection, 4 legs	0.187	North and West		
8.117	50034424	DADDY	At grade intersection, 3 legs	0.372	North and West		

## Example 2: Road Segment (loop condition)

**Problem:** An ordinance is needed on NC 50 (Benson Highway) in Wake County between SR 1010 (Cleveland School Road) and SR 1010 (Ten-Ten Road).



## Example 2: Road Segment (loop condition)

**Solution 1:** SR 1010 is a loop feature, but other routes at or near the intersections can be used. Therefore, SR 5324 can be used as the beginning point and the end point can reference SR 4820.

**Solution 2:** SR 1010 is a loop feature, but the local names (Cleveland School Road and Ten Ten Road) are not. Therefore, these can be used as the beginning and end points.

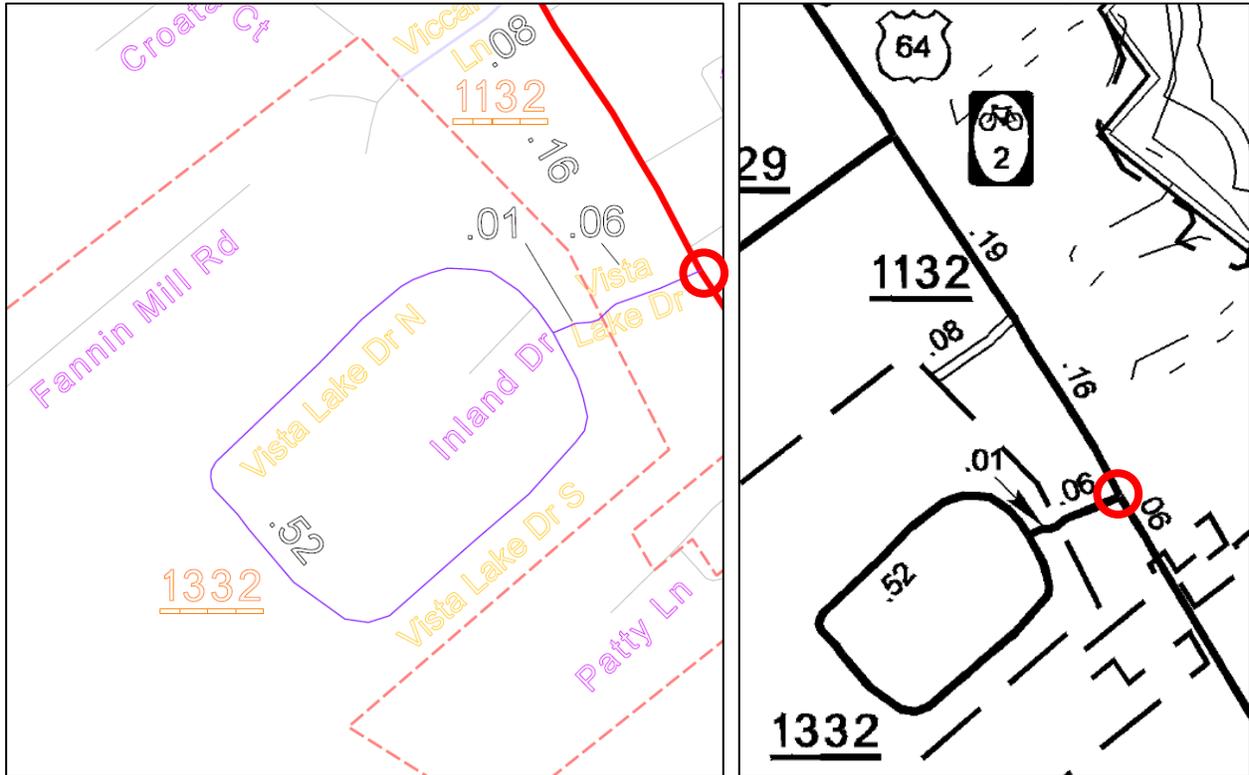
**Begin Point:** 0 miles northwest of SR 5324 –OR– 0 miles northwest of Cleveland School

**End Point:** 0.17 miles northwest of SR 4820 –OR– 0 miles northwest of Ten Ten

MP No	Feature ID	Feature Name/Type	Special Type	Distance to Next	Direction to Next	Beyond Route Loop Limits
0.000	70000050	CL-JOHNSTON		0.100	North and West	
0.100	40002883	SR 2883	At grade intersection, 3 legs	0.000	North and West	
0.100	50002749	BIRDIE	At grade intersection, 3 legs	0.150	North and West	
0.250	50008280	DENNING	At grade intersection, 4 legs	0.000	North and West	
0.250	50029678	SUNSHINE	At grade intersection, 4 legs	0.120	North and West	
0.370	50010015	EWING	At grade intersection, 3 legs	0.090	North and West	
0.460	50015885	JUNIOR	At grade intersection, 3 legs	0.270	North and West	
0.730	50030459	TIFFANY	At grade intersection, 3 legs	0.000	North and West	
0.730	50036105	TIFFANY PARK	At grade intersection, 3 legs	0.230	North and West	
0.960	40001010	SR 1010	At grade intersection, 4 legs	0.000	North and West	Y
0.960	40005324	SR 5324	At grade intersection, 4 legs	0.000	North and West	
0.960	50035512	CLEVELAND SCHOOL	At grade intersection, 4 legs	0.000	North and West	
0.960	50036106	STEVENS OAKS	At grade intersection, 4 legs	0.260	North and West	
1.220	50034415	GARDEN MEMORIES	At grade intersection, 3 legs	0.380	North and West	
1.600	50034416	GRISSOM FARM	At grade intersection, 3 legs	0.110	North and West	
1.710	50034417	GOLDEN GRAIN	At grade intersection, 4 legs	0.000	North and West	
1.710	50035513	TURNER POND	At grade intersection, 4 legs	0.190	North and West	
1.900	40003718	SR 3718	At grade intersection, 3 legs	0.000	North and West	
1.900	50031152	TURNER FARMS	At grade intersection, 3 legs	0.010	North and West	
1.910	50031917	WAKEFIELD	At grade intersection, 3 legs	0.110	North and West	
2.020	40004823	SR 4823	At grade intersection, 3 legs	0.000	North and West	
2.020	50034419	SPANISH MOSS	At grade intersection, 3 legs	0.170	North and West	
2.190	40004820	SR 4820	At grade intersection, 3 legs	0.000	North and West	
2.190	50028646	SOUTHERN	At grade intersection, 3 legs	0.000	North and West	
2.190	50034420	SOUTHERN TRACE	At grade intersection, 3 legs	0.170	North and West	
2.360	40001010	SR 1010	At grade intersection, 3 legs	0.000	North and West	Y
2.360	50030186	TEN TEN	At grade intersection, 3 legs	0.130	North and West	

### Example 3: Loop Road

**Problem:** An ordinance is needed on the entire length of SR 1332 (Vista Lake Drive) in Dare County.



### Example 3: Loop Road

**Solution 1:** Since US 64 is a unique feature, both the beginning and ending points can be referenced to it.

**Solution 2:** Since Inland Drive is a unique feature, both the beginning and ending points can be referenced to it.

**Begin Point:** 0 miles northwest of US 64 –OR– 0.09 miles northwest of Inland Drive

**End Point:** 0.7 miles northwest of US 64 –OR– 0.61 miles southeast of Inland Drive

MP No	Feature ID	Feature Name/Type	Special Type	Distance to Next	Direction to Next	Beyond Route	
						Loop	Limits
0.000	20000064	US 64	At grade intersection, 3 legs	0.060	North and West		
0.060	90000338	ML-MANTEO		0.010	North and West		
0.070	40001332	SR 1332	At grade intersection, 3 legs	0.000	North and West	Y	
0.070	50031791	VISTA LAKE	At grade intersection, 3 legs	0.020	North and West	Y	
0.090	50014963	INLAND	At grade intersection, 3 legs	0.610	South and East		
0.700	40001332	SR 1332	At grade intersection, 3 legs	0.000	North and West	Y	
0.700	50031791	VISTA LAKE	At grade intersection, 3 legs	0.000	North and West	Y	