

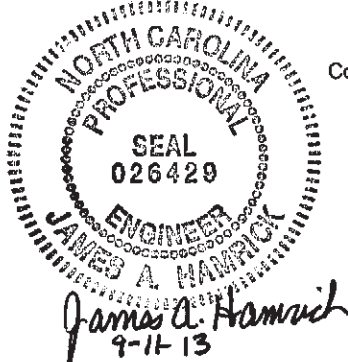
Bridge and Approach Investigation Checklist

Project _____
Description **Bridge 71** _____
Route **SR 1338** _____
Division **12** _____
County **Alexander** _____

Existing Speed Limit **55** MPH
Reasonable & Comfortable Passenger Car Speed **45-50** MPH
Speed Data **NA**
Ball Bank Speed Study **BB 8 degrees at 45mph**
Warning Signs at Bridge **Bridge end delineators**
Roadside Development **75% in vicinity of bridge**
ADT History **2006-260vpd, 2010-270vpd, 2012-260 vpd**
Pedestrian/Bicycle Traffic **UNKNOWN**
Bridge and Approach Digital Photos **SEE ATTACHED**
Approach Lane Width **8 FEET**
Approach Shoulder Width: **6 FEET**
Shoulder Type **grass**
Lane Width (existing bridge) **8 FEET**
Shoulder width (existing bridge) **2 FEET**
Strategic Corridor / Thoroughfare Designation and Recommended Cross Section
Crash History and Safety Considerations **Zero crashes in a recent 10 year study period**

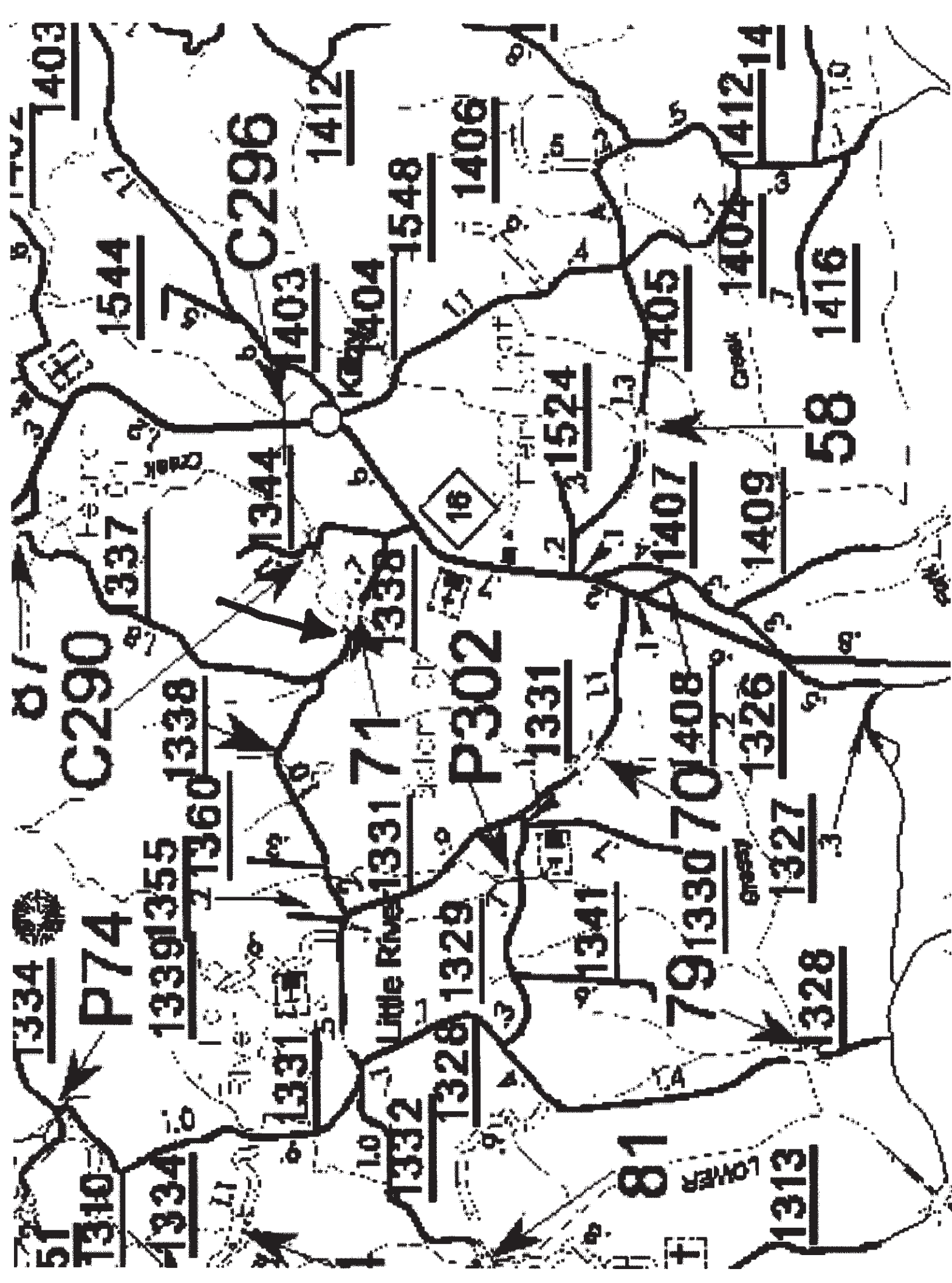
Comments _____

Reasonable Bridge Speed **50** MPH



Investigated by: **J. A. Hamrick, P. E.**
Date: **9/11/2013**

Reviewed by: _____



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

Study Criteria Summary

County: ALEXANDER **City:** All and Rural
Date: 8/1/2003 to 7/31/2013 **Study:** BRG71
Location: Bridge #71 on SR 1338, 500 feet each side

Report Details

Study Criteria

Study Name	Log No.	PH No.	TIP No.	K/A Cf.	B/C Cf.	ADT	ADT Route
BRG71	17BP12R4			76.8	8.4	270	40001338

Request Date	Courier Service	Phone No.	Ext.	Fax No.
--------------	-----------------	-----------	------	---------

09/03/2013

County			Municipality						
Name	Code	Div.	Name	Code	Y-Line Ft.	Begin Date	End Date	Years	
ALEXANDER	1	12	All and Rural		0	8/1/2003	7/31/2013	10.00	

Location Text	Requestor
Bridge #71 on SR 1338, 500 feet each side	Jimmy Hamrick, Regional Traffic Engineer High Cty & Foothills Reg

Fiche Roads

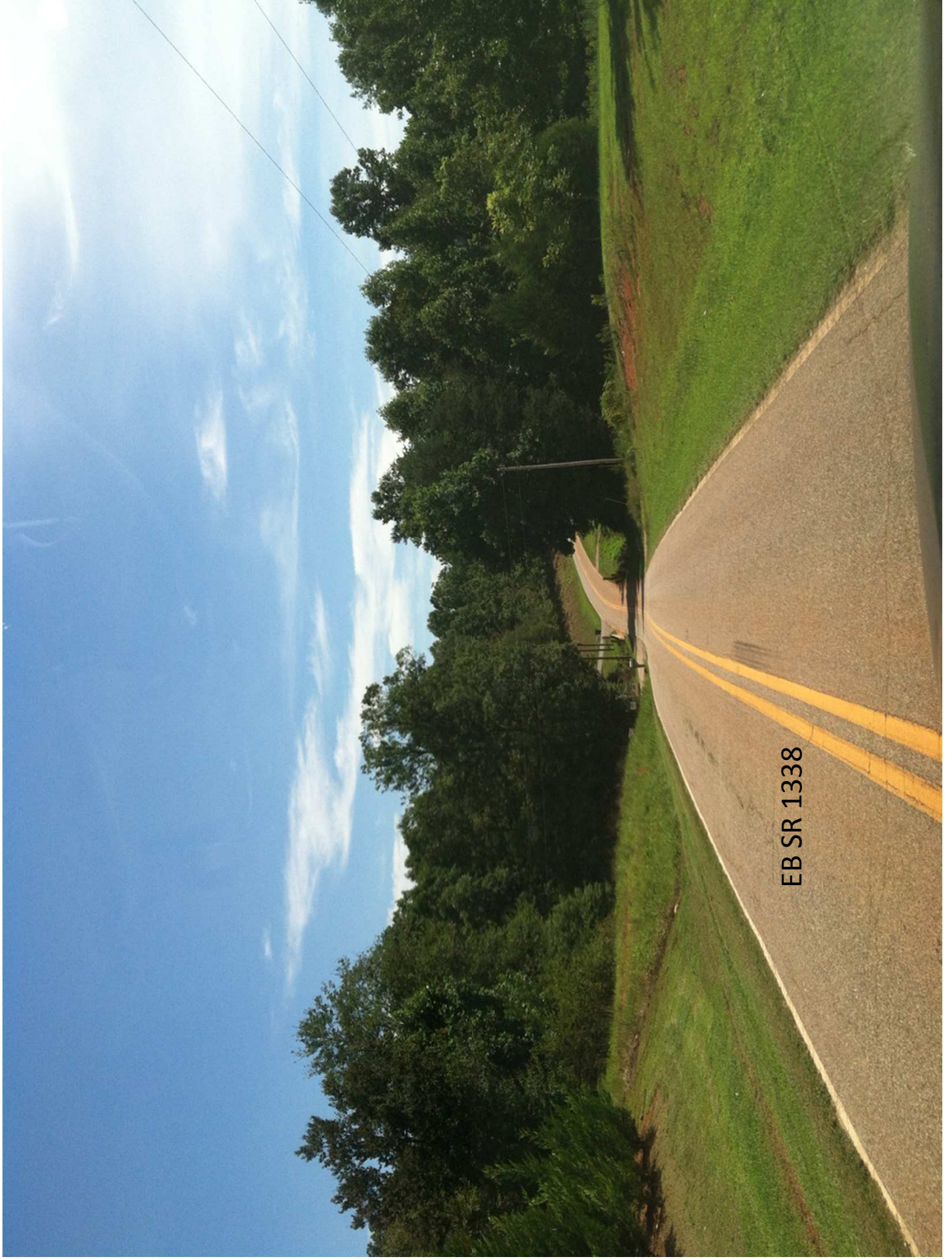
Name	Code
SR 1338	40001338
ST CLAIR	50026899

Strip Road

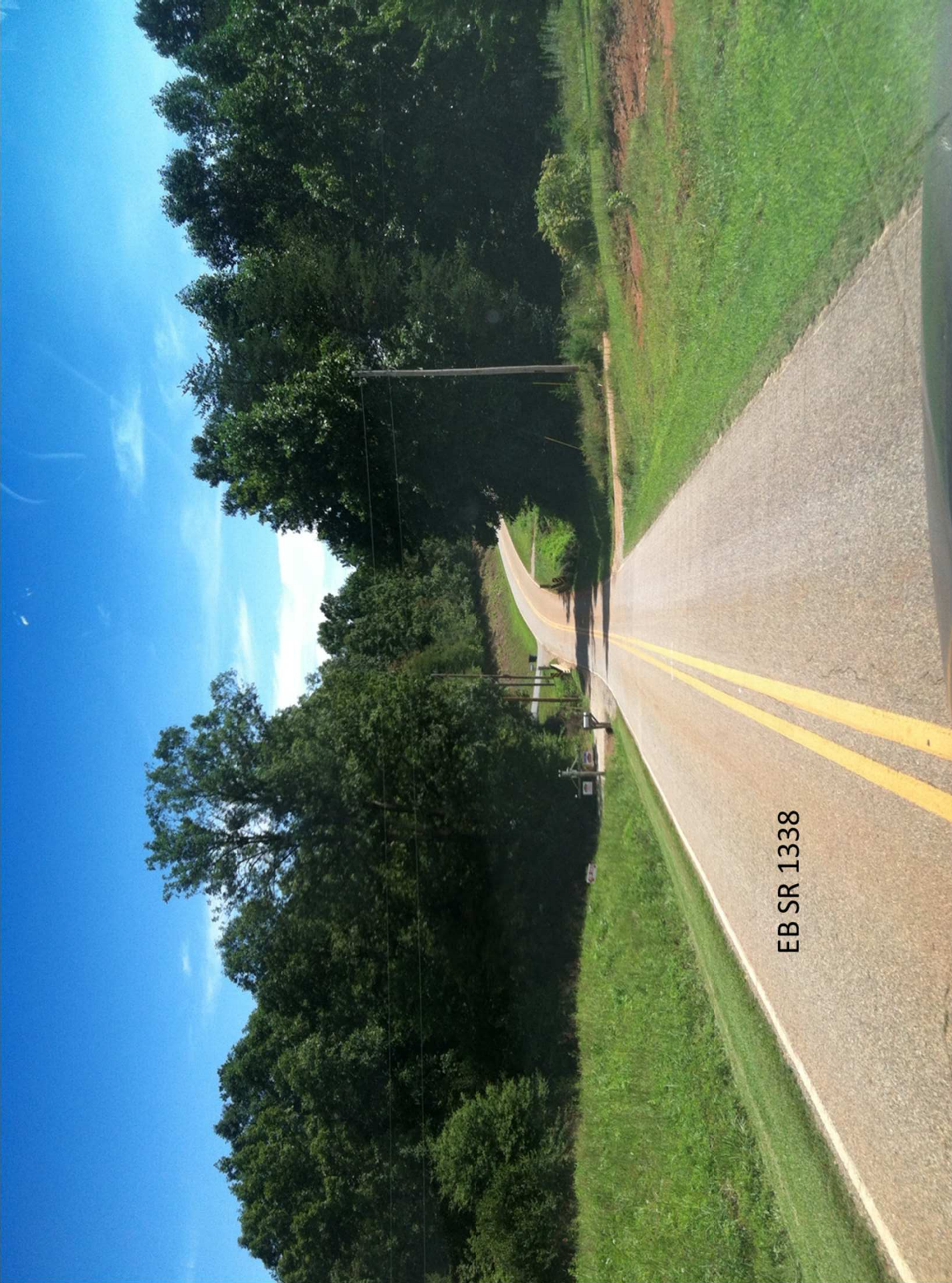
Name	Code	Begin MP	End MP	Miles	Kilometers
SR 1338	40001338	0.328	0.526	0.198	0.319

Bridge 171, Alexander Co.

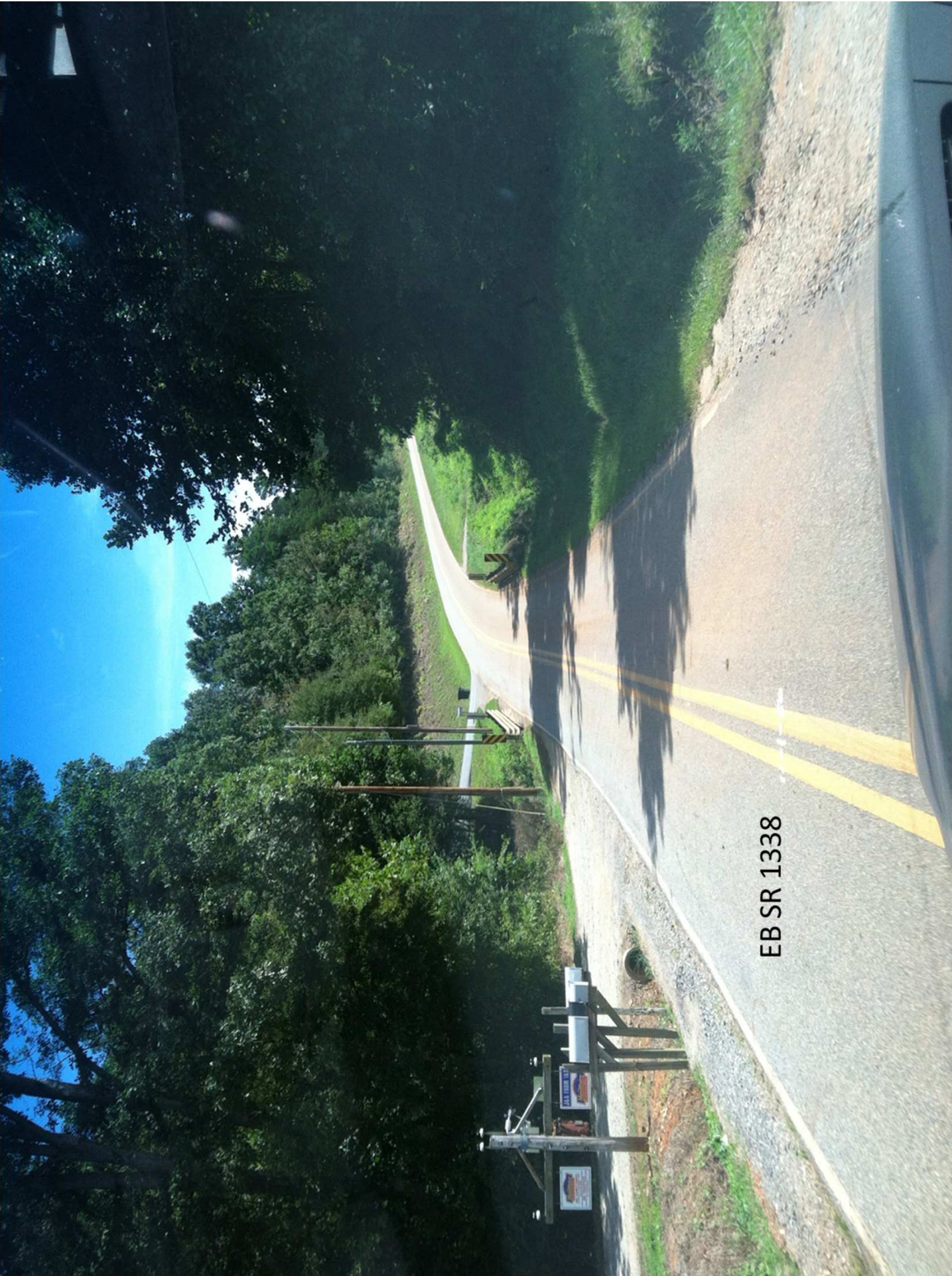
9/11/2013



EB SR 1338

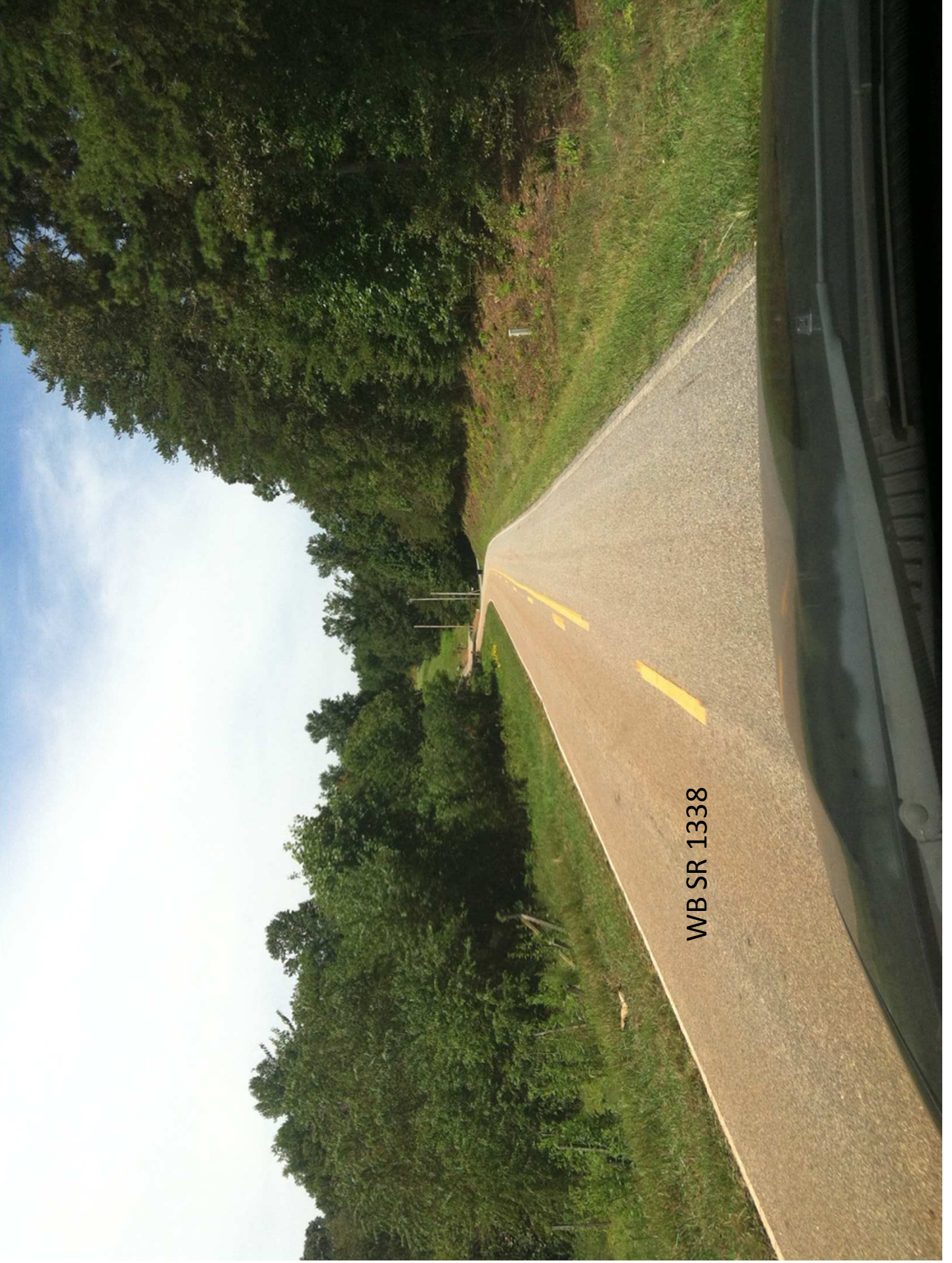


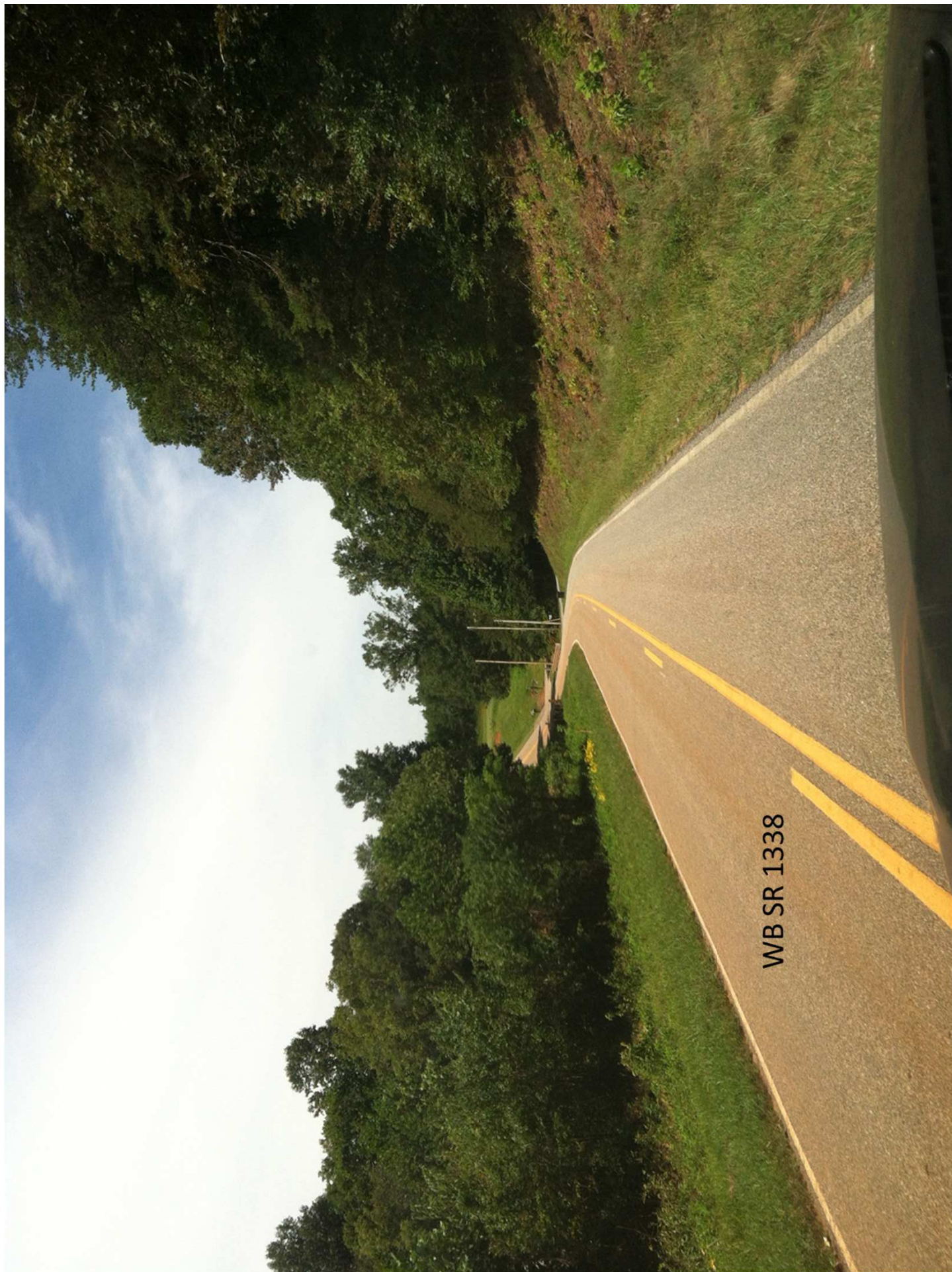
EB SR 1338



EB SR 1338

WB SR 1338





WB SR 1338



WB SR 1338



WB SR 1338