



FHWA Sign Management and Retroreflectivity Tracking System (SMARTS)

SMARTS is a mobile system used to efficiently and economically measure the retroreflectivity (nighttime brightness) of traffic signs.

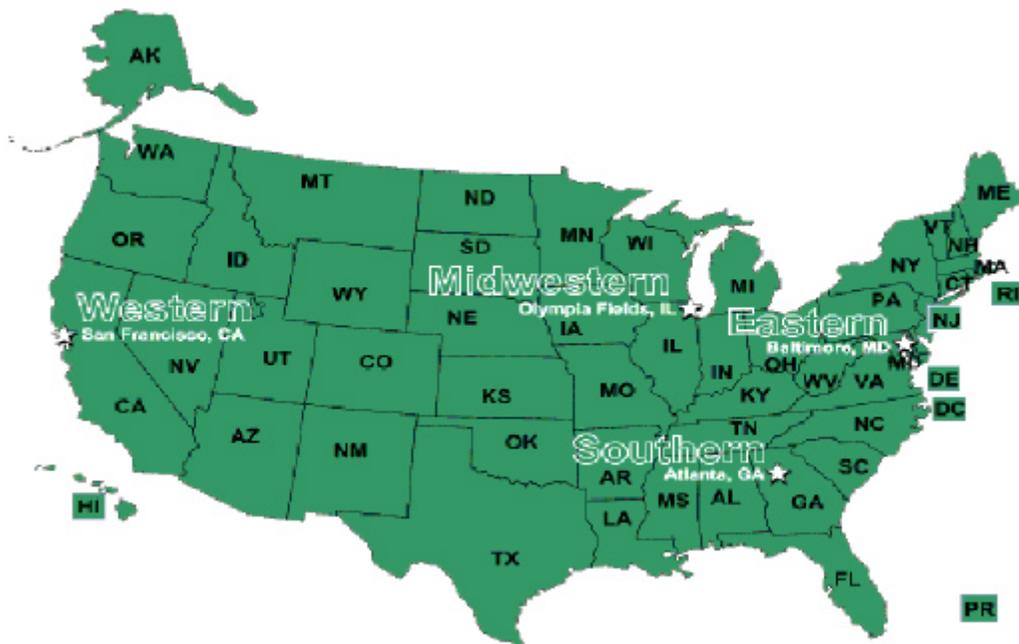
The system will track the designated sign, and at 200 feet will illuminate the sign with a powerful flash tube and measure the retroreflectivity of the sign.

A small picture of each sign will be stored in the systems database, along with GPS coordinates and other data associated with that particular sign. This data will be used to evaluate the quality of the sign, and develop a sign inventory database.

SMARTS' unique feature is that it measures at highway speeds and does not need traffic control to make the measurements. These are major safety advantages over handheld equipment.

SMARTS gives highway agencies the data necessary to schedule timely maintenance of traffic signs on a systemwide basis.

Four SMARTS vans have been built and are being showcased to the highway community at national conferences, by the FHWA Resource Centers.



Contact the Resource Center (RC) in your geographic area for a demonstration of the mobile sign retroreflectivity van.

<u>Eastern RC</u>	<u>Dean Larson</u>	<u>410.962.2372</u>
Delaware	Connecticut	
Maine	Maryland	
Massachusetts	New Hampshire	
New Jersey	New York	
Pennsylvania	Rhode Island	
Virginia	Vermont	
Washington, D.C.	West Virginia	

<u>Southern RC</u>	<u>Frank Julian</u>	<u>404.562.3689</u>
Alabama	Arkansas	
Florida	Georgia	
Kentucky	Louisiana	
Mississippi	North Carolina	
New Mexico	Oklahoma	
South Carolina	Tennessee	
Texas		

<u>Midwestern RC</u>	<u>Patrick Hasson</u>	<u>708.283.3595</u>
Illinois	Indiana	
Kansas	Michigan	
Minnesota	Missouri	
Ohio	Wisconsin	

<u>Western RC</u>	<u>Greg Shertz or Ron Williams</u>	<u>303.716.2094</u> <u>303.969.6297</u>
Alaska	Arizona	
California	Colorado	
Hawaii	Idaho	
Montana	Nevada	
North Dakota	Oregon	
South Dakota	Utah	
Washington	Wyoming	