

ATTACHMENT E
TASK 6 PROGRESS REPORT

**Criteria for Restoration of Longitudinal
Barriers, Phase II**

Task 6 – Field-Test Draft Field Guide Materials

Prepared for: NCHRP Project 22-28

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INTRODUCTION

Draft field guide materials called Guardrail Condition Assessment (GCA) were distributed to a variety of people for field testing early in 2014. This report provides a status on the extent of field testing and contains comments received to-date from the field testers.

The GCA field guide is available in three formats:

- (1) An interactive cell phone application for android phones;
- (2) An interactive web page; and
- (3) A PDF for printing to hard copy which is also included in a later section of this attachment.

All three versions of the draft field guide are available on line at <http://www.roadsafellc.com/password1.php>. The web page is password protected in order to comply with NCHRP procedures. To access the secure page type “fieldguide” without the quotation marks into the password field.

FIELD-TEST VOLUNTEERS

To date, the GCA has been used 10 times by people outside Roadsafe LLC. An undetermined number of other people have downloaded the app or used the webpage but did not use an email address. Of the ten uses, only one is an actual field inspector. The rest are higher-level personnel within maintenance departments of either County or State DOT’s. The research team would prefer to get the GCA into the hands of the actual inspectors but this apparently is not happening as yet.

Table 1. Field-Test Volunteers

Name	Title	State	Region/District/County	Actual Inspector?
Adam Weiser	Safety Program Manager	DE	South District Maintenance Section	No
Tim Phillips	Not Known	DE	South District Maintenance Section	Not sure
Scott Capps	Maintenance and Equipment Engineer	NC	Manage Divisions 5,7-10	No
Earl Locklear	Inspector	NC	Cumberland County – District 2	Yes
Joe Parker	Inspector	NC	Robeson county – District 1	Yes
Britt McCurry	County Engineer	NC	Wake County	No
Jason Holmes	County Engineer	NC	Wake County	No
Ashley Pilkington	County Engineer	NC	Durham County	No
Mark Garcia	DOT Forman	WY	District 1	Yes

COMMENTS

Comments have been received from a variety of sources. Interestingly, none of the field testers listed in Table 1 provided comments. The comments have been provided primarily by higher level engineers in DOT's as well as researchers. To-date, 77 entries have been made into the GCA database but only ten of those came from outside Roadsafe LLC.

Table 2. Comments on the Guardrail Condition Assessment (GCA) Field Guide.

Name	Comment	Response	Action
MARK FELLOWS	Should the minimum height be 27"?	The minimum height should be 27 ¾" based on FHWA policy.	This has been updated in the Guide
MARK FELLOWS	If height is less than 26.5", need to reset to 26.5".	The GCA is a damage assessment tool not necessarily a general maintenance tool. Re-setting would only occur if there is other damage.	Relocate L1 Q2 or preface with a note that the w-beam should be reset if there is other damage.
KEITH KNAPP	Local agencies might bite on this.	Good.	
CHRIS JUREWICZ	The results page of the cell phone app gave no reasons for "guardrail not likely to perform correctly". The results page that was emailed did contain the reasons why.	Looking into it.	Modified code to present reasons in the results page of the cell phone app.
CHRIS JUREWICZ	"TRIALED THE APP, SEEMS TO BE A BREEZE"	Good	
STEVE DRAGINIS	GOOD REVIEW	Good	
EDUARDO ARISPE	Add an option for no damage.	You would not be assessing a location with no damage.	