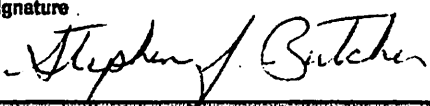
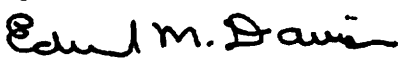


FOR INFORMATION FORM NTIA-44 (3/91)		U.S. DEPARTMENT OF COMMERCE NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION		Classification <p style="text-align: center;">UNCLASSIFIED</p> <p style="text-align: center;"><i>DOCKET FILE COPY</i></p>	Control Number SPS-18004/1
CERTIFICATION OF SPECTRUM SUPPORT					
Recipient Agency DOT	System FHWA Step-Frequency Ground Penetrating Radar (SF GPR)			Stage of Review 4 – Operational	
Frequency (MHz) 140-3000	Emission 2M54P0N	Power (mW) 0.316	Station Class MR	Operating Location US&P	
Docket Number SPS-16357/1 SPS-16380/1 SPS-17585/1 SPS-17677/1 SPS-17769/1 SPS-18003/1	Description of Document DOT FHWA Request for Stage 4 System Review NTIA Preliminary Assessment DOT FHWA Report "SF GPR Characterization and Federal Evaluation Tests" NTIA Review of Additional Data SPS Chairman's Memorandum: Revised Draft Certification DAA Memorandum NTIA/FCC MOU Coordination			Dated February 7, 2008 June 6, 2008 September 1, 2010 November 15, 2010 January 12, 2011 May 18, 2011	
<p>The Spectrum Planning Subcommittee has reviewed this system under the provisions of Chapter 10 of the NTIA Manual, and recommends that:</p> <ol style="list-style-type: none"> 1. NTIA certify Stage 4 spectrum support for the FHWA Step-Frequency Ground Penetrating Radar (SF GPR), as specified in Section 1. 2. DOT FHWA be aware that: <ol style="list-style-type: none"> a. this system is operated on a non-interference unprotected basis because of non-conformance to the National Table of Frequency Allocations; b. this system is subject to provisions of Section 5.1.2 of the NTIA Manual due to lack of proof of spectrum standards compliance; c. operations of this system must implement frequency notching to preclude transmissions in the bands 608-614 MHz, 1400-1427 MHz, 1660.5-1668.4 MHz, and 2690-2700 MHz, in accordance with Footnote US246 of the National Table of Frequency allocations. 3. DOT FHWA ensure that this system will be immediately shut down upon notice of harmful interference from any Federal agency or from the FCC. 					
<p>FILED/ACCEPTED</p> <p>JUN 13 2011</p> <p>Federal Communications Commission Office of the Secretary</p>					
Name/Title of Recommending Official Stephen J. Butcher SPS Chairman		Signature 		Date MAY 18 2011	
<p>The Office of Spectrum Management certifies Stage 4 spectrum support for this system.</p> <p>This office concurs with the SPS recommendations in Section 3. I also note that in accordance with the agreement to provide a 15-day review period under the NTIA/FCC Memorandum of Understanding (IRAC Doc. 32801/1), the FCC submitted comments regarding this system that are contained in SPS-18003/1,</p>					
Name/Title of Certifying Official Edward M. Davison Deputy Associate Administrator		Signature 		Date MAY 18 2011	
Downgrading Instructions		Classification <p style="text-align: center;">UNCLASSIFIED</p>		Distribution IRAC, SPS, FAS	