U.S. Department of Transporta Federal Highway Administration					
Certification of Patented or Proprietary Product					
By signature of this document, the Statement or proprietary item is: Essential for synchronization No equally suitable alternative exists		certifying that in	accordance with the	requirements of 23 CF	TR 635.411 (a) (2), this
Duration		Sta	atewide Application o	f 3M Wet Reflective Ta	ape
Project Specific Certification Statewide Blanket Certification (5 yrs maximum for blanket) Specify dates of term: From: January 1, 2014	multi FA Pr Stewa	This certification covers the use of 3M A380AW and A380AW-5 Wet Reflective Tape on multi lane divided highways. FA Project #: Stewardship:			
To: December 31, 2018	3M S	t. Paul Minnesota			
Description of Item(s)/Work: Wet Reflective Tape- Products covered u extensions and 2' long lane line suppler supplement and 8" wide ramp gore mark from snow plow activity. A380AW Tape	ent; and 8"vings. The ta	wide channelizing ape will be placed	lines and extensions; a into a 120 mils deep g	8" wide drop, exit lane a rooved slot to ensure lo	and 2' long dotted
Justification: 4" wide wet reflective tape as shown belocontrast, surface placed epoxy for the san highways. This cost includes grooving a the minimum WisDOT requirements of 2 10% of all fatalities and almost 15% of all more than 12% of all crashes occurred ur lighting conditions. Improved wet reflect Benefits of Pavement Markings: A Rene evaluated the quantititative safety benefit	ne width but slot to ensur 50 mcd(init il injuries och der wet roa ive marking wed Perspects s of wet-ref	t offers superior we re longevity. Rese ial) and 80 mcd (a ccurred under wet dway conditions a may help to redu- ctive Based on Re lective markings b	et night visibility need arch conducted since 2 after 1 year) based on to roadway conditions. S and almost 40% of thes be the crashes listed ab cent and Ongoing Reso but a few studies have e	ed for motorist guidance 2009 has not found produce the ASTM E 2177 test. tatistics in Wisconsin for e crashes occurred in da ove. The TTI Paper 09- earch" furthers the claim	e on multilane state ucts capable of meeting In 2011, more than or 2011 have shown that ark, dawn, or dusk 10488, entitled "The a that no studies have
Average of Surface FY 2013 Let Bid Cos	t in dollars	by width and line	ar feet:		
4" Ероху 8"Ероху	4"A3	80AW	8"A380AW	4"A380AW-5	8"A380AW-5
	0.55	3.06	5.77		
Supporting/Reference Documentation :	00	3.30	3.77	3.00	
Attached document: 2013Certification	2.docx				
CTRE Final Report November 2011 enti 12. http://www.intrans.ias			_	tion Project", 3M 380A	W Tape (#11), Table
State DOT Official (signature): William R. McNary	Willia State	e and Title: am R. McNary Traffic Engineer		Date: 12/18/2013	
Note: A copy of the signed Certification	n must be se	ent to the FHWA	Division Office for th	neir records.	