


**EXHIBIT F**

<b>UTC Project Information</b>	
Project Title	Pedestrian Auditory Situational Awareness: Tesseract Crosswalk Module
University	Virginia Tech
Principal Investigator	Rafael N.C. Patrick, Ph.D.
PI Contact Information	Email: <a href="mailto:RNCP@vt.edu">RNCP@vt.edu</a>   Office: 540.231.2788
Funding Source(s) and Amounts Provided (by each agency or organization)	Cost share: <ul style="list-style-type: none"> <li>- VT Grado Department of Industrial &amp; Systems Engineering: \$63,618.00</li> <li>- VT Institute for Creativity, Arts, and Technology: \$11,123.00</li> </ul>
Total Project Cost	\$147,599.00
Agency ID or Contract Number	
Start and End Dates	05.10.2023 – 12.31.2023
Brief Description of Research Project	Driver and environmental factors, perceptual limitations, and distractions typically dictate how vulnerable road-users (pedestrians) are while crossing the street at signalized and/or unsignalized crosswalks. The supported research seeks to systematically investigate critical factors associated with unsafe crosswalk activities using naturalistic observations and an extended reality virtual crosswalk testbed to empirically study pedestrian auditory situation awareness (ASA).
Describe Implementation of Research Outcomes (or why Not implemented)	The goal is to investigate barriers to implementation associated with novel intervention-based human-technology interfaces for distracted and low-vision pedestrians during crosswalk situations.
Place Any Photos Here	

	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>No Impacts/Benefits implemented at this point.</p>
<p>Web Links</p> <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project Website</li> </ul>	<p>Dam, A., Oberoi, P., Pierson, J., Jeon, M., &amp; Patrick, R. N. Technological and Social Distractions at Unsignalized and Signalized Campus Crosswalks: A Multi-Stage Naturalistic Observation Study. <i>Available at SSRN 4281911.</i></p> <ul style="list-style-type: none"> <li>- Journal Acceptance (Publication in progress) Transportation Research Part F: Traffic Psychology and Behaviour.</li> </ul>

