

### **FDM 240.2.1.16 Emergency Pull Off Area**

#### **Brief summary and description of changes**

*The department is adding criteria to include an emergency pull off area for long-term Temporary Traffic Control operations on Limited Access roadways when the shoulder width has been reduced to less than 8ft for a distance of one mile or more. This pull off area provides supplemental refuge area that allows disabled vehicles to have a place to safely leave the roadway and allows an area for tow trucks or emergency vehicles to safely assist if needed.*

#### **Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

*These changes promote safety within work zones by providing a refuge area at locations where there is too narrow of a shoulder to pull off the road. This area would also allow drivers to safely inspect their vehicles and for tow truck or emergency vehicles to safely assist drivers in need of assistance.*

#### **What financial impact does the change have? Project costs, pay item structure and consultant fees.**

*There will be a slight increase in construction costs and design costs. However, the application will be limited to only those corridors where the minimum ESU shoulder width requirements can't be meet.*

#### **What impacts does the change have on production or construction schedules?**

*This will not significantly affect production time or construction schedules.*

#### **How does this change improve efficiency or quality?**

*This change will increase efficiency by reducing the traffic queues caused by disabled vehicles or emergency responders that block the roadway.*

#### **Which offices does the change impact?**

*This Office of Design and Construction*

#### **What is the impact to the Districts with this change?**

*The Districts will have another design tool to improve safety in work zones and will have to include this in the scoping of projects that meet the criteria in FDM 240.2.1.16.*

#### **Have District counterpart's comments been addressed?**

*This change has been communicated to all the District counterparts through the established procedures and any comments have been addressed.*

#### **Does the change shift risk and to who?**

*This change does not shift risks.*

#### **What is the communication plan and schedule for implementation?**

*The Criteria Section of the Roadway Design Office has conducted its annual review and updates to the FDM. Internal reviews have been conducted with the C-Team, Roadway Design Office, Traffic*

*Engineering and Operations, District Design Engineers, District Consultant Project Management Engineers, and the District Roadway Design Engineers.*

*The following is the schedule for implementation:*

- *The 2023 FDM will be published on or before November 1, 2022*
- *Training webinars will be conducted on larger revisions prior to December 20, 2022*
- *The 2023 FDM will be effective for all projects beginning design in January 2023*