



November 20, 2023

TO: Mark Gaines, Development Division Director & State Design Engineer
MS 47329

FROM: Dongho Chang, Transportation Operations Division Director
(360) 705-7280

SUBJECT: Statewide Blanket Proprietary Item Request - [Mobile Barriers MBT-1](#)

The Mobile Barriers MBT-1 from Mobile Barriers LLC is a mobile barrier system that is effective in providing positive protection between workers and traffic for small work areas (< 100 ft.). This barrier system is well-suited for use during bridge joint repairs, pavement patching, manhole adjustments, overhead sign work, and other quick deployment work. Due to its portability, mobile barrier systems can be rapidly deployed to optimize safety and efficiency for projects on high-speed roadways that include multiple small work areas where traditional temporary barriers would not be practical.

The system is NCHRP 350 and MASH crash tested for TL-2 and TL-3. It has been used successfully for preventing work area intrusion on an I-5 pavement rehabilitation project in the Southwest Region. The Mobile Barriers MBT-1 from Mobile Barriers LLC is currently the only known system that provides this type a similar rapid work zone protection for small work areas.

The recommended approach to use this system as option for selected projects is to have contractors lease and use the barrier system per a general special provision. Coordination with Barrier Systems LLC will be necessary prior to contract advertisement to have the system available to the contractor during the project.

If you have any questions concerning this request, please contact Steve Haapala or Fred Lintz.

I, Dongho Chang, State Traffic Engineer, of Washington Department of Transportation, do hereby certify that no known suitable alternative exists for this patented or proprietary item.

Dongho Chang

Date: 11/20/2023

DC:slh