



November 21, 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 – [Road Zipper](#)

The Road Zipper System allows for temporary barrier protection of active work zones. The barriers can be moved daily to protect workers on the roadway during active work and relocated to the shoulder for traffic during non-working hours. This system is also effective for projects using a median crossover strategy by providing positive separation between opposing traffic. Due to its movability, this system allows for daily lane configuration changes to accommodate the needs of unique traffic patterns, such as peak commute traffic flows. The barrier is NCHRP 350 and MASH crash tested for TL-3.

WSDOT has owned two barrier transfer machines and roughly 3 miles of the moveable barrier for two decades, but the equipment have reached the end of their service life. We currently have approximately 4,500 feet of the barrier in usable condition.

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

The Road Zipper System from Lindsay Corporation is currently the only known movable barrier systems using a barrier transfer/moving vehicle.

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: 11/21/2023

DC:slh