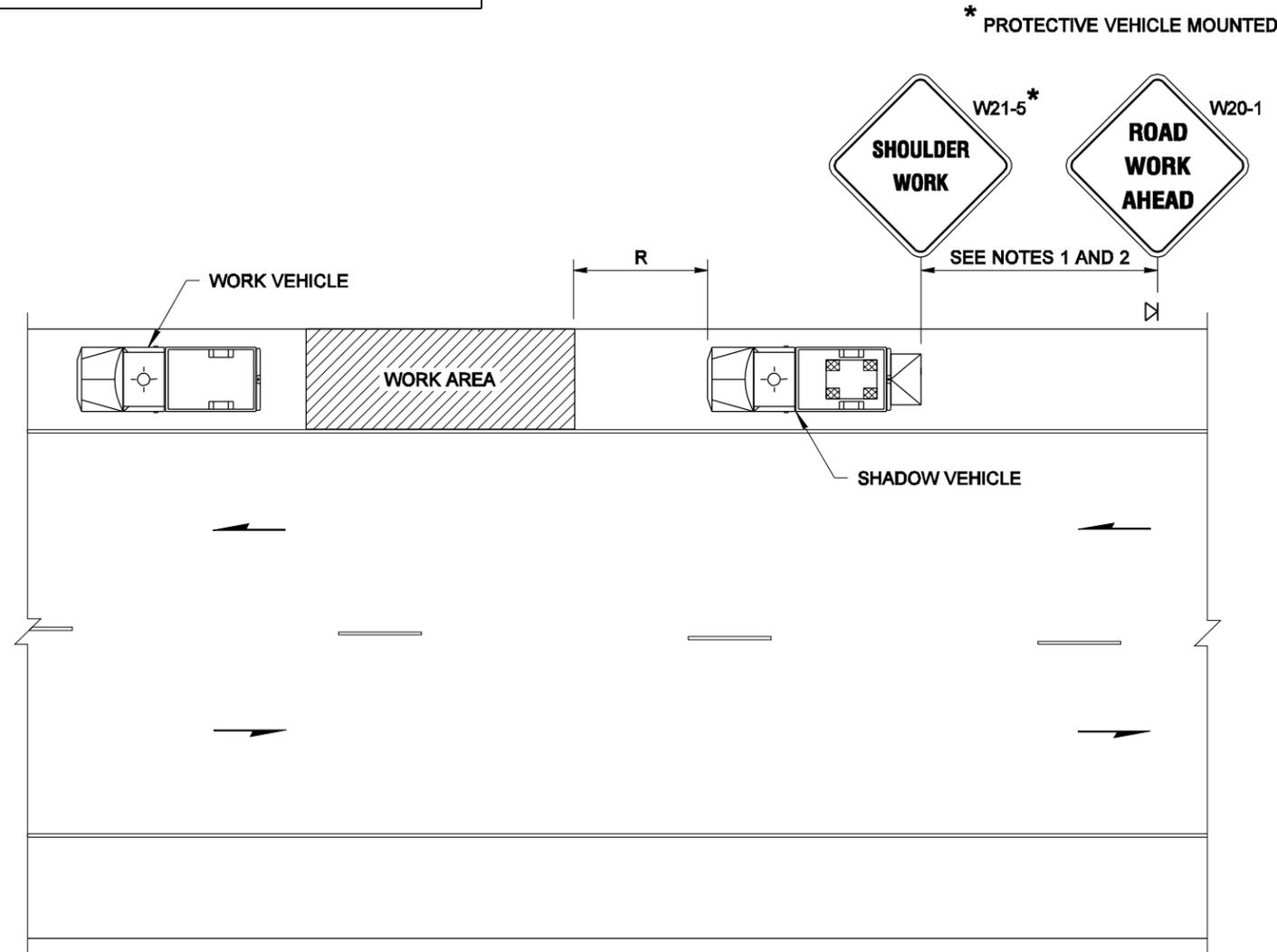


PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R		
TYPICAL PROTECTIVE VEHICLE WITH TMA		
VEHICLE TYPE	LOADED WEIGHT	STATIONARY OPERATION
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANU- FACTURER RECOMMENDATION)	30 FEET
ROLL AHEAD DISTANCES VARY AND SHALL BE DETERMINED IN FIELD BASED ON WORK OPERATION AND SITE SPECIFIC CONDITIONS		



**NOTES**

1. In those situations where multiple work locations within a limited distance make it practical to place stationary signs, the distance between the advance Warning Sign and the Work Area should not exceed 5 miles.
2. In those situations where the distance between the advance signs and the Work Area is 2 to 5 miles, a Supplemental Distance plaque should be used with the ROAD WORK AHEAD sign.
3. No encroachment into traffic lane is permitted with this plan.
4. Work vehicle and Shadow vehicle shall use Warning Beacons.
5. Shadow vehicle shall maintain 500' to 1000' of sight distance to approaching traffic.
6. For signs size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M55-05.

**LEGEND**

-  SIGN LOCATION
-  PROTECTIVE VEHICLE
-  TRUCK MOUNTED ATTENUATOR ~ RECOMMENDED
-  SEQUENTIAL ARROW PANEL TYPE "B"  
~ CAUTION MODE
-  WARNING BEACON ~ REQUIRED

**FOR LOCAL AGENCY USE ONLY  
NOT FOR USE ON STATE ROUTES**



EXPIRES AUGUST 9, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**SHOULDER CLOSURE  
~ SHORT DURATION  
STANDARD PLAN K-40.60-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Ken L. Smith**

STATE DESIGN ENGINEER

**02-15-07**

DATE



Washington State Department of Transportation