IS KEPT AS CLOSE AS PRACTICAL TO THE ACTUAL LOCATION OF THE MOWER.

TABLE 022-01: PROTECTIVE VEHICLE REQUIREMENTS CLOSURE TYPE NON-FREEWAY ROAD TYPE & SPEED ≥ 45 MPH 35 - 40 MPH ≤ 30 MPH EXPOSURE CONDITIONS WORKERS ON FOOT OR VEHICLE EXPOSED TO P, TMIA P, TMIA TRAFFIC LANE CLOSURE OR ENCROACHMENT OTHER HAZARDS NO NA NA NA WORKERS EXPOSED WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC P. TMIA SHOULDER CLOSURE OR ENCROACHMENT OTHER HAZARDS NO NA WORKERS EXPOSED

LEGEND

P: PROTECTIVE VEHICLE REQUIRED FOR EACH CLOSED LANE & EACH CLOSED PAVED SHOULDER 8' OR WIDER, IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE PROTECTIVE VEHICLE SHALL BE REPOSITIONED ACCORDINGLY

TMIA: TMIA REQUIRED NA: NOT APPLICABLE

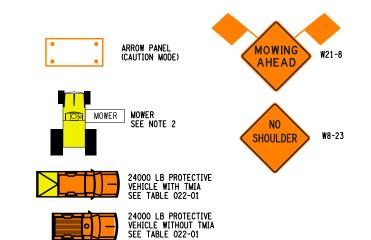
1. THE EXPOSURE CONDITIONS ASSUMES THERE IS NO POSITIVE PROTECTION PRESENT

TABLE 022-02:	ROLL AHEAD	DISTANCE	
ROLL AHEAD DISTANCE (FT.)/* OF SKIP LINES FOR VEHICLES			
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	MOVING OPERATION (BASED ON PROTECTIVE VEHICLE SPEED OF 15 MPH)		
	MIN	MAX	
≥ 55	200/5	280/7	
45 - 50	160/4	240/6	
≤ 40	120/3	200/5	

NOTES:

- 1. THE MOWING OPERATION IS A SPECIAL OPERATION. IT SHALL BE SCHEDULED AND COMPLETED DURING DAYLIGHT WORK SHIFTS. THE WORK SHALL BE SUSPENDED DURING PERIODS OF POOR VISIBILITY.
- 2. TRACTOR MOWERS SHALL HAVE AN AMBER BEACON OPERATING AT ALL TIMES.
- 3. APPROVED PERSONAL PROTECTIVE EQUIPMENT (PPE) SHALL BE WORN WHILE ON TRACTORS NOT EQUIPPED WITH AN ENCLOSED CAB. PPE IS REQUIRED WHEN EXITING TRACTOR WITHIN RIGHT OF WAY.
- 4. IF SHOULDER AREA BECOMES TOO NARROW FOR THE PROTECTIVE VEHICLE(S) TO BE COMPLETELY ON THE SHOULDER, THE VEHICLES SHALL STAY ON THE WIDER SHOULDER AREA UNTIL OPERATORS CAN SAFELY DRIVE AROUND THE NARROW SHOULDER TO NEW SET-UP POINT.
- 5. VEH *2 SHALL BE PLACED TO OPTIMIZE AND ENHANCE VISIBILITY FROM THE REAR OF THE OPERATION AND SHALL NOT EXCEED THE APPROPRIATE ROLL AHEAD DISTANCE VALUES.

TABLE 022-03: REQUIRED SIGN SIZES*			
SIGN	NON-FREEWAY	FREEWAY	
W8-23	36x36	48×48	
W21-8	36x36	48×48	
WARNING FLAG	18×18	18×18	
•FREEWAY SIZES MAY BE USED ON NON-FREEWAY, IF SPACE CONSTRAINTS DO NOT EXIST.			





Department of **Transportation**

U.S. CUSTOMARY STANDARD SHEET

WORK ZONE TRAFFIC CONTROL NON-FREEWAY SHOULDER CLOSURE/LANE ENCROACHMENT MOWING OPERATION

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619-022

ISSUED UNDER EI 21-028

NOT TO SCALE