

Work Zone Inspection Checklist

*required info

*Type of Work Zone:		*Date:		*Time:		*Fill In One:				Total Score	
*Route:		*County:		*District:		MoDOT Dept.:		Contractor:			
*Location of Work: <small>(i.e. closed road, closed lane, shoulder, off roadway)</small>				Lane:		*Posted Speed:		Project #:			Bridge #:
Other:					*Reviewer:				Reviewer MoDOT Org:		

Items marked with (!) require immediate corrective action

Advance Warning Area							Sub-Score	
Advance Warning Signs	Yes	No	NA	Comments				
! Sign(s) location and placement appropriate for field geometric conditions including obstructions								
Proper sign spacing and sequence as per typical applications/plans								
Mounting Height Post/Skid Mount - 5' Rural, 7' Urban								
Temporary sign stands, Type 2 - 1' mounting height from shoulder								
Type 2 Portable Signs minimum Lateral clearance of 3'								
Post Mounted Signs Minimum Lateral clearance of 2' with curb 6' without curb								
Post mounted splices below 18"								
Signs clean								
Signs plumb								
Sign Ballast	Yes	No	NA	Comments				
Skid Mounted Sign maximum 1 layer of sandbags on legs								
Skid Mounted Sign Cross Bar 12" maximum 1 sandbag								
Portable Sign ballasting maximum 1 sand bag height								
Barricades	Yes	No	NA	Comments				
Barricades Soft Closure - ROAD CLOSED sign on barricade								
Use Crashworthy barricades to close entire driving surface including shoulder								
ROAD CLOSED sign on center barricade or free standing sign 7'-10' behind the barricade								
CMS/DMS	Yes	No	NA	Comments				
The CMS and/or DMS is displaying clear understandable messaging								
! The CMS and/or DMS is functioning properly								
The CMS has a minimum lateral clearance of 3' from edge of travel way								
CMS/DMS consist of a maximum of 2 phases								
Delinated with 5 channelizers upstream for a total of 100'								
Minimum mounting height of 7' measured from the bottom of the sign to the roadway								
Answer yes to this question if all responses on this tab are NA.								

Transition Area				Sub-Score	
Flagger	Yes	No	NA	Comments	
! Proper flagger station with escape route					
! Flagger station properly illuminated at night					
! Using 3-2-1 Cone Procedure - minimum of 1 cone required at each location					
The flagger is attentive and focused on traffic control					
! Proper Flagging PPE: Day Hi-Vis Hard Hat, Class 2 Vest/Shirt /Jacket - Nighttime Class 3 Hi-Vis reflective hardhat					
If more than one flagger present, properly functioning communications system					
! Flagger stations not using non-crashworthy devices on roadway (IE) radio carts					
Pilot car when used is properly signed					
AFADs Automatic Flagger Assistance Device	Yes	No	NA	Comments	
Properly positioned					
STOP HERE ON RED sign properly positioned					
Shoulder Taper	Yes	No	NA	Comments	
Proper Shoulder Taper Length					
Channelizers properly spaced					
Channelizers meet quality standards					
Arrow Boards	Yes	No	NA	Comments	
Placed at the beginning of the Lane Taper - 3' Lateral clearance from travel way					
The flashing arrow panel has the appropriate light intensity for the work zone conditions.					
Type B (60"x30") Truck Mounted or C (96"X48") Trailer Mounted					
Minimum mounting height of 7' measured from the bottom of the sign to the roadway					
No more than 1 light out in stem					
No lights out in arrow					
Tapers	Yes	No	NA	Comments	
Taper Length proper for posted speed limit					
Channelizers properly spaced					
Channelizers meet quality standards					
Quality taper - good alignment					
Answer yes to this question if all responses on this tab are NA.					
Activity Area				Sub-Score	
Buffer Space	Yes	No	NA	Comments	
Buffer Space length proper for speed limit					
! Is buffer space clear and unoccupied					
Protective Vehicle with/without TMA	Yes	No	NA	Comments	
! Appropriate number and type of protective vehicle					
Placed after buffer space					
! Correct arrow displayed					
Work lights activated					

Roll Ahead Space for Protective Vehicle	Yes	No	NA	Comments
Minimum of 150'				
! Is roll ahead space clear and unoccupied				
Work Area	Yes	No	NA	Comments
Proper channelizer spacing based on speed limit				
Channelizers meet quality standards				
! All blunt ends protected - guardrail, barrier, etc.				
Equipment 100% activated work lights				
! Workers have Proper PPE: hard hat, glasses, vest/shirt/jacket class 2/3				
Barriers				
Answer yes to this question if all responses on this tab are NA.				
Termination Area				Sub-Score
	Yes	No	NA	Comments
Delinated with 5 channelizers downstream for a total of 100'				
Resume speed sign within 1/2 mile				
End Project sign need when Road Work Next XX Miles present				
Answer yes to this question if all responses on this tab are NA.				
Additional Inspection Areas				Sub-Score
Pavement Markings	Yes	No	NA	Comments
The pavement markings are installed and removed properly and are not in conflict with other markings.				
Two-Lane Highways, Temporary Raised Pavement Markers, 40' spacing				
Multi-Lane Highways temporary pavement markings installed on travelway and shoulder				
Additional Signing	Yes	No	NA	Comments
Proper use of NO CENTER LINE sign at beginning of route, intersections of state highway, no more than 2 miles apart				
Proper Use of FRESH OIL/LOOSE GRAVEL installed within 150' after state route intersection				
Supplemental Items	Yes	No	NA	Comments
Edge drops off properly addressed				
Overhead hazards marked				
Crash Cushions installed as per Manufacture Recommendation				
Answer yes to this question if all responses on this tab are NA.				
Other:				

Items marked with (!) require immediate corrective action

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED BUFFER LENGTH (ft.) (B)	LONGITUDINAL TRANSITION (X)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)			Tapers	Buffer/ Work Areas
0-35	200	200	70	245	250	490	35	40
40-45	350	500	150	540	360	1080	40	80
50-55	500	1000	185	660	495	1320	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	1680	60	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.