



DelDOT: Traffic Safety Section Vehicular Detour Plan Checklist

Contract or Project ID #: _____

Date: _____

Project / Subdivision Name: _____

Road Name/Number and to/from limits: _____

Effective: February 2025

Comment Ref. No.	Checklist Topic/Content	Item Addressed?	Justification: (Required if N or N/A)
Section 1: General			
1.1	Use Typical Application 20 of the DE MUTCD, 2011 edition for general design considerations. https://deldot.gov/Publications/manuals/de_mutcd/index.shtml		
1.2	Use the standard DelDOT detour border. Email Traffic Safety for example border, if needed.		
1.3	Use the applicable detour border legend: -Interstate Route Shield border legend for Interstate roadways/on-ramps. -US Route Shield border legend for US Route roadways/on-ramps. -DE Route Shield border legend for DE Route roadways/on-ramps. -Standard border legend for non-numbered roadways.		
1.4	North arrow shown with north oriented towards top of sheet.		
1.5	Road names labeled on map (do not show subdivision street names or non state-maintained road names unless those roads will have detour signs).		
1.6	Roads with Interstate, US, or State Route numbers need appropriate shields labeled on map that include identifiers such as I-95, US 113, or SR 40.		
1.7	Hatched area between hard closure limits.		
1.8	Use an inset where more detail is needed or where sign placement may be cluttered in the normal view. Create an outlined box or circle of the specific area/intersection to provide more details that will assist accurate sign placement in the field. The area that has been outlined will need to be blown-up to provide sufficient details and/or descriptions.		
1.9	When using an inset, label all roadways within the inset area.		
1.10.	Base mapping: DelDOT projects use DelDOT provided county base map. Developer projects may use Google maps or equivalent if DelDOT provided base map is not available for use. Aerial imagery may be used where additional detail may be warranted.		

Section 2: Title Block			
2.1	Scale labeled as "NOT TO SCALE".		
2.2	Project title provided in Project Title Block.		
2.3	Contract/Project number labeled (N/A for subdivision projects).		
2.4	County labeled.		
2.5	"Designed By" filled out.		
2.6	"Checked By" filled out.		
2.7	Sheet Title provided: "VEHICULAR DETOUR PLAN <ROAD NAME> <PHASE X (if applicable)>".		
2.8	Section filled out with the initials of design firm preparing detour plan.		
2.9	Sheet numbers filled out (X if stand alone detour).		
2.10	Detour is signed and sealed by a Delaware registered Professional Engineer, responsible for development of the detour plan.		
2.11	QA/QC signature line is signed and dated.		
2.12	Concurrence block for general conformity to be signed and dated by DelDOT Traffic.		
Section 3: Signs on Plan View			
3.1	Sign location symbols are provided for each sign on detour plan.		
3.2	Sign designation callouts are provided next to sign location symbol (use leader lines if appropriate).		
3.3	Symbol orientation to face the approaching direction of travel.		
3.4	Signs on multilane divided highways are double posted, indicated with two sign location symbols next to each other.		
Section 4: Advanced Warning Signs (DelDOT Legend Items K - P) (see link in 1.1)			
4.1	On approach to diversion locations, provide advance warning signs (ROAD CLOSED AHEAD, DETOUR 1000 FT, DETOUR 500 FT).		
4.2	On approach to closure point, provide advance warning signs (ROAD CLOSED 1000 FT, ROAD CLOSED 500 FT).		
4.3	Substitute DETOUR AHEAD or ROAD CLOSED AHEAD when there is not enough space for the 1000 FT and 500 FT advance warning signs.		

Section 5: Detour Trailblazers (DelDOT Legend Items A - J) (see link in 1.1)			
5.1	Detour trailblazer placed at every turning movement on detour route.		
5.2	Use advance left-turn (F) or advance right-turn (G) on a divided highway in advance of actual turning movement (about 500 FT, double posted).		
5.3	Use advance left-turn (F) at the turning location when turning left onto a divided highway.		
5.4	On divided highways where a left-turn (B) or right-turn (C) trailblazer is used, only a single posted sign is required.		
5.5	Use diagonal turn signs (D or E): -At approaches to and within a roundabout. -At movements from freeways to off-ramps. -At a roadway fork (where a B or C would not be sufficient).		
5.6	Use advance diagonal turn signs (H or I) in advance of off ramps.		
5.7	Trailblazers on an Interstate, Freeway or Expressway, are sized based on road type in accordance with the Oversized column of Table 2D-1 of the DE MUTCD, 2011 edition. Provide an additional sheet with the trailblazers dimensioned and labeled if needing to oversize them.		
5.8	END DETOUR signs are used for each detour direction. Circular routes are not permitted.		
Section 6: Road Closed Signs and Barricades (DelDOT Legend Items Q - X) (see link in 1.1)			
6.1	Road closure barricade (W) included ROAD CLOSED sign (Q).		
6.2	Diversion barricade (X) is placed at all diversion locations (typically where the detour starts) and includes appropriate sign (T-V).		
6.3	ROAD CLOSED X MILES AHEAD LOCAL TRAFFIC ONLY (T): -Specify distance (in fractions, not decimals). -Show multiple signs with specific distances, if distances vary depending on placement (T1, T2, etc.). -Use (V) if distance is less than 1 mile.		
6.4	BRIDGE OUT X MILES AHEAD LOCAL TRAFFIC ONLY (U): -Specify distance (in fractions, not decimals). -Show multiple signs with specific distances, if distances vary depending on placement (U1, U2, etc.). -Use for bridge projects if closure is 1 mile or more away from sign.		
6.5	ROAD CLOSED TO THRU TRAFFIC (V) sign to be used when there are minimal or no access points between the sign and closure, and the primary function of the roadway is for thru traffic.		
6.6	Detour arrow signs (R and S) are to be used on diversion barricade (X) where approaching traffic can see the sign. Do not use if they would be difficult to see for oncoming traffic.		

Section 7: Special Signs			
7.1	Road names and places have text with an initial upper-case letter, followed by lower-case lettering. All other text on sign have all upper-case lettering.		
7.2	Special signs use 6-inch, "C" letter series text.		
7.3	Special signs placed on any interstate, freeway, expressway, should be upscaled per the DE MUTCD.		
7.4	Sign dimensions provided for the overall height and width, and the legend height of the text and shields.		
7.5	Sign and shield background color and legend color called out.		
Section 8: Portable Changeable Message Signs (PCMS)			
8.1	Advance notice PCMS is shown at closure point with appropriate message. Provide a note indicating to display "10 days prior to beginning of detour".		
8.2	Advance notice message meets following criteria: -Panel 1: [ROAD NAME/ROUTE] TO CLOSE -Panel 2: STARTING MM/DD/YY -If daily detour, Panel 2 should also include XXA-AAP to indicate timeframe of daily detour. -Three lines per panel and eight characters per line, including spaces. -See Tables 1A-1 and 1A-2 of the DE MUTCD for acceptable abbreviations.		
8.3	Advance warning PCMS shown at appropriate diversion points with appropriate message. Provide a note indicating to display "for duration of detour". Use ONLY when directed by Traffic Safety.		
8.4	Advance warning message meets following criteria: -Panel 1: [ROAD NAME/ROUTE] CLOSED -Panel 2: FOLLOW DETOUR -Three lines per panel and eight characters per line, including spaces. -See Tables 1A-1 and 1A-2 of the DE MUTCD for acceptable abbreviations.		
Section 9: Special Notes			
9.1	Add notes describing required traffic control on approach to road closure locations (for multi-lane divided highways, typically).		
9.2	If detour impacts a roundabout, add the following note: <i>DETOUR SIGNS THROUGH A ROUNDABOUT SHALL BE INSTALLED ON THE RIGHT SIDE OF TRAVEL, AND SHALL NOT BE PLACED WITHIN THE CENTER ISLAND OR TRUCK APRON OF THE ROUNDABOUT.</i>		
9.3	Developer projects add the following note, detailing approved detour duration: <i>THE CLOSURE OF <INSERT ROAD NAME> WILL BE PERMITTED FOR A MAXIMUM OF <INSERT NUMBER> CONTINUOUS CALENDAR DAYS, INCLUSIVE OF WEATHER DAYS.</i>		
9.4	Add a detour description to be used for public notification: -Use plain language that uses roadway descriptions that benefit local drivers (i.e., Rt 1 vs US 1). -Use turning movements (left/right) rather than cardinal directions. -Use common abbreviations for roadway directions (NB, EB, SB, WB) and for roadways (Rd, Ave, Ln, etc.). -Provide full route descriptions for each direction of travel along the detour.		