NOT TO SCALE

LEFT LANE CLOSURE
WORK SPACE BEYOND INTERSECTION
MULTI-LANE DIVIDED ROAD

TYPICAL APPLICATION FOR REFERENCE ONLY, NOT TO BE INSERTED INTO PLAN.
1. INSERT SPACING CHART DISTANCES INTO LAYOUTS.
2. DETERMINE IF "END ROAD WORK" SIGNS ARE NEEDED.
3. CONSIDER THE INSTALLATION OF A temporary or special sign if congestion is expected. If advance signaling is needed, or other conditions determined by the engineer.
4. CONSIDER THE INSTALLATION OF A temporary or special sign for seven day advance warning of restriction.
5. CONSIDER THE INSTALLATION OF A temporary or special sign for more than seven day advance warning of restriction.
6. IF BACKUPS ARE EXPECTED CONSIDER USE OF "LANE CLOSURE WITH ZIPPER MERGE" LAYOUT.
7. USE APPROPRIATE LANE CLOSURE LAYOUT.
8. MASK OR REMOVE ALL CONFLICTING PAVEMENT MARKINGS, DETERMINE QUANTITY OF MARKINGS TO BE MASKED OR REMOVED FOR PAY ITEM QUANTITIES.
9. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE A WET REFLECTIVE MATERIAL.
10. LIST ALL CONFLICTING PAVEMENT SIGNS THAT MUST BE MODIFIED, COVERED, AND/OR REMOVED. INCLUDE SIGN MODIFICATIONS, COVERS AND/OR REMOVALS IN THE TRAFFIC CONTROL PLAN.
11. WHEN IMPACTING PEDESTRIAN FACILITIES, ALTERNATE PEDESTRIAN ACCESS ROUTES MUST BE PROVIDED. SEE LAYOUTS 6J-24 AND 6J-25 IN THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
12. CONTACT APPROPRIATE ROAD AUTHORITY FOR SIGNAL TIMING, SIGNAL HEAD LOCATION MODIFICATIONS, AND POSSIBLE TURN RESTRICTIONS BEFORE BEGINNING WORK AT OR NEAR ANY SIGNALIZED INTERSECTION.
13. CONSIDER PLACEMENT AND LENGTH OF TURN LANE BASED ON EXPECTED QUEUE LENGTH.

**NOTES:**
- Insert spacing chart distances into layouts.
- Determine if "End Road Work" signs are needed.
- Consider the installation of a temporary or special sign if congestion is expected. If advance signaling is needed, or other conditions determined by the engineer.
- Consider the installation of a temporary or special sign for seven day advance warning of restriction.
- If backups are expected, consider use of "Lane Closure with Zipper Merge" layout.
- Use appropriate lane closure layout.
- Mask or remove all conflicting pavement markings, determine quantity of markings to be masked or removed for pay item quantities.
- All temporary pavement markings shall be a wet reflective material.
- List all conflicting pavement signs that must be modified, covered, and/or removed. Include sign modifications, covers and/or removals in the traffic control plan.
- When impacting pedestrian facilities, alternate pedestrian access routes must be provided. See layouts 6J-24 and 6J-25 in the Minnesota Manual on Uniform Traffic Control Devices.
- Contact appropriate road authority for signal timing, signal head location modifications, and possible turn restrictions before beginning work at or near any signalized intersection.
- Consider placement and length of turn lane based on expected queue length.

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