1. Insert spacing chart distances into layout.

2. Determine if "End Road Work" signs are needed.

3. Consider the installation of a PCMS and/or G20-X2 or special sign if congestion is expected. If advance signing to divert traffic is needed or other conditions determined by the engineer.

4. Consider the installation of a PCMS and/or G20-X1 sign modified for 30' advance warning of restriction.

5. For any excavation or drop-off in excess of 12 in., see the Minnesota Road Authority in the field by to be determined advisory speeds not to scale.

6. List all directional signing that must be covered, removed or modified because of restrictions.

7. If "T" is less than 600' use the bypass sign. If "T" is greater than 600' use the reverse curve signs.

8. Mask or remove all conflicting pavement markings. Determine quantity of markings to be masked or removed for pay item quantities.

9. If 48"x48" advance warning signs will not fit on the left side because of a narrow median, less than 6 ft.

10. Reduce the left side size to 36"x36" or smaller, if necessary. The left side signing use an additional "left lane closed" sign on the right and display the flashing arrowboard on the shoulder.

11. If "T" is less than 200' use the bypass sign. If "T" is greater than 600' use the reverse curve signs.

12. If "T" is 600' or less install a solid line white striping through the entire length of the lane if congestion is expected. If advance warning to divert traffic is needed, the length of the taper should be determined by the engineer. Consider the installation of speed humps with yellow paint on the shoulder.

13. Consider the installation of a PCMS and/or G20-X2 sign for seven day advance warning of restriction.

14. For any excavation or drop-off in excess of 12 in., see the Minnesota Road Authority in the field by to be determined advisory speeds not to scale.

15. If "T" is less than 600' use the bypass sign. If "T" is greater than 600' use the reverse curve signs.

16. The minimum lane width should be 11 feet and shall not be less than 10 feet.

17. If lane width is less than 11 feet furnish and install additional (reduced width) shoulder signs.

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