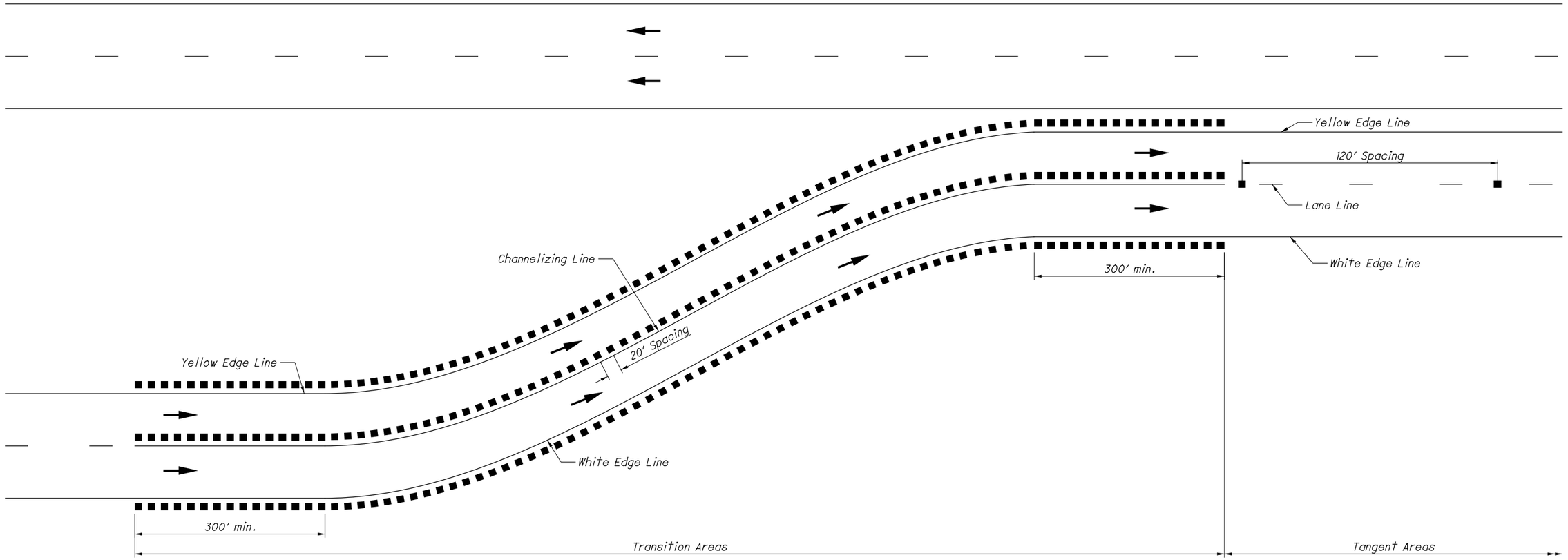

WORK ZONE DELINEATION FOR CROSSOVERS OR LANE SHIFTS

NOTES:

GENERAL

1. This drawing presents delineation procedures for multi-lane highways of 45 mph or greater. Procedures are provided for transition areas and for tangent areas. The procedures for transitional areas apply to crossovers and to lane shifts of 4′ or greater. Delineation of transition areas for shifts of less than 4′ shall be as per the tangent area delineation.
2. All materials furnished shall be listed on the Department's Prequalified Lists.
3. The geometrics of the crossover or lane shift shall be as shown in the plans. Additional details are provided in Standard Construction Drawing (SCD) MT-95.70.
4. See SCDs MT-102.10 and MT-102.20 for more details concerning lane shifts.
5. The snow-plowing season shall be from October 15 through March 31 unless otherwise specified in the plans.

PAVEMENT MARKING

6. Raised Pavement Markers (RPMs) shall meet the following seasonal specifications:
   a) RPMs on permanent concrete surfaces shall be 614 Work Zone Raised Pavement Markers (WZRPMs).
   b) The WZRPMs on permanent concrete surfaces are intended for use only during the non-snow-plowing season. WZRPMs shall not be provided during the snow-plowing season. Where a temporary alignment will remain in use through the winter, the WZRPMs shall be removed prior to the beginning of snow-plowing season and replaced approximately April 1, or as otherwise determined by the Engineer.
   c) RPMs on asphalt surfaces and temporary concrete surfaces during the normal construction season may be either 621 Raised Pavement Markers or 614 Work Zone Raised Pavement Markers (WZRPMs). The normal construction season with regard to use of WZRPMs shall be the period from April 1 through October 15.
   d) On asphalt surfaces and temporary concrete surfaces where it is intended that RPMs will winter over, 621 Raised Pavement Markers shall be provided. Replacement of 614 Raised Pavement Markers shall be at the Contractor's expense.
   e) On asphalt surfaces and temporary concrete surfaces where it is intended that work will continue beyond October 15 but will be completed prior to the beginning of snow-plowing season, 614 Work Zone Raised Pavement Markers may remain in place until such time. If project delays, not the fault of ODOT, cause work to extend into the snow-plowing season, the Contractor shall be responsible for replacing WZRPMs with 621 Raised Pavement Markers, as determined by the Engineer, at the Contractor's expense.
7. Spacing of RPMs shall be:
   a) 20′ center-to-center for all long-line marking within transition areas.
   b) Within tangent areas RPMs shall be provided only along the lane lines, spaced at 120′ center-to-center.
8. The RPMs shall be 1-way, facing oncoming traffic, and shall be white or yellow to match the color of the associated line marking.
9. Along the edge lines, the RPMs shall be offset a maximum of 4″ to the outside of the lines. Along the channelizing lines, the RPMs shall be offset to the left of the lines by no more than 1″. Along the lane lines the RPMs shall be centered between dashes.
10. Installation of RMPs shall begin as soon as possible following the pavement marking installation and shall be completed within 3 calendar days with the approval of the Engineer.
11. The RPMs shall be removed when they are no longer appropriate.
12. Holes resulting from removal of 621 Raised Pavement Markers shall be filled as per 621.08. If removal of the 621 Raised Pavement Markers does not take place immediately after the temporary alignment becomes invalid, the reflectors within the 621 Raised Pavement Markers shall be removed.
13. Following removal of 621 Raised Pavement Markers, resurfacing of the transition shall be performed. The resurfacing shall be performed at the time the surface course is being applied. In preparation for resurfacing, the existing pavement shall be removed to a depth necessary to reach the level of the intermediate course of the proposed pavement.

LEGEND

- ■ RPM
- → Direction of Travel

THIS DRAWING REPLACES MT-99.30 DATED 01-19-2018.

REVISION DATE 01-17-2020

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR David L. Holstein

STDS. ENGINEER Soisson

OFFICE OF ROADWAY ENGINEERING

STANDARD ROADWAY CONSTRUCTION DRAWING

WORK ZONE DELINEATION

SCD NUMBER MT-99.30