

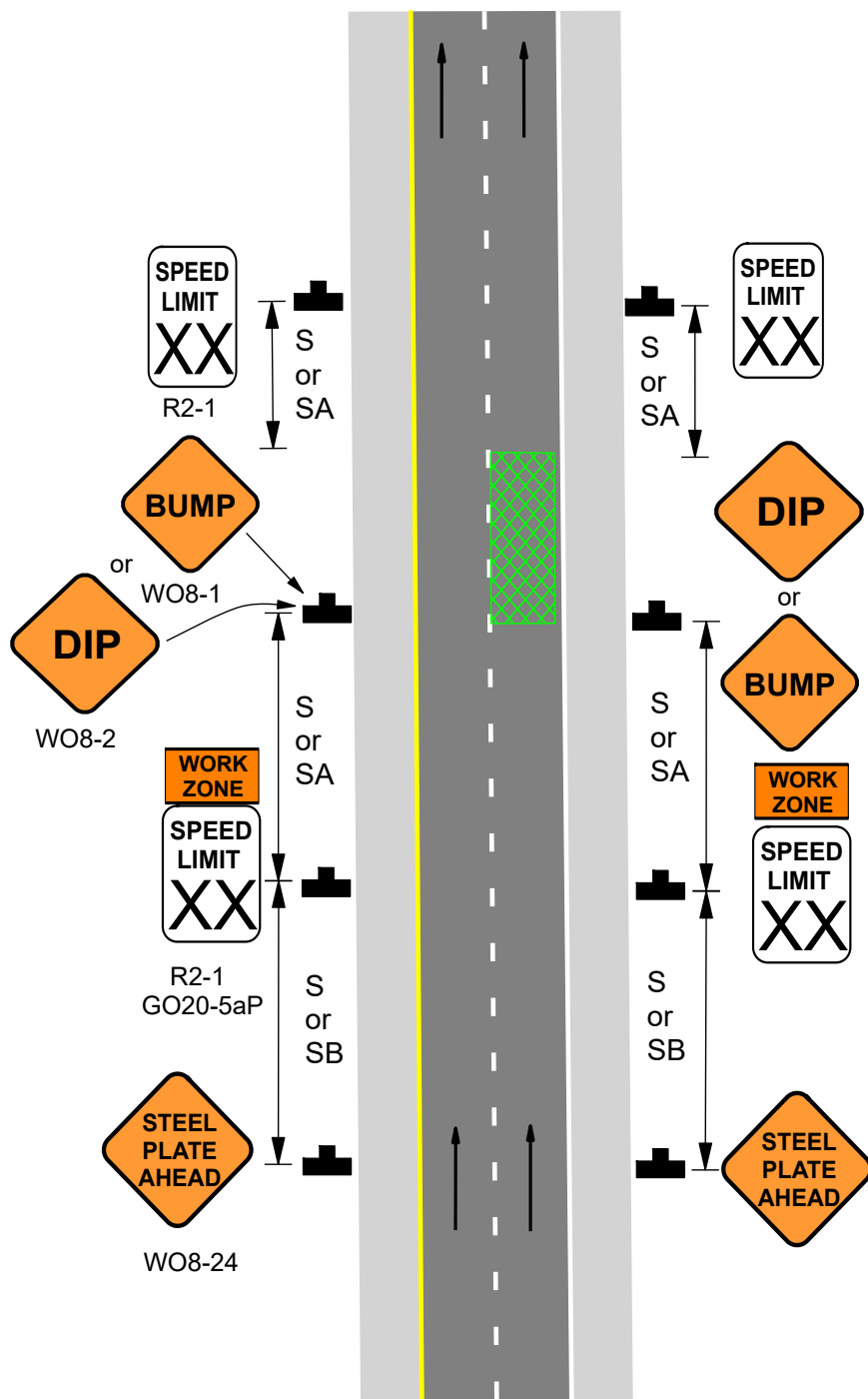
616.8.47B (TA-47B) Excavations with Steel Plate or Backfill on Divided Highways

- **When work activities** involve movement of soil or subsurface operations, contact MO ONE CALL, the local provider and MoDOT.
- **When workers are not present, backfill** or install a plate on unprotected excavations or repairs located within the roadway. When fills or plates affect the profile of the roadway (e.g., fills higher or lower than the road surface, thick plates, etc.), install a BUMP or DIP sign, as appropriate along the edge of the roadway immediately next to the location. Refer to the diagram.
- **Install a gradual transition** of 1V:3H at the perimeter of the steel plate using either asphalt wedging or a mechanical fastener as approved by the engineer.
- **Install delineation** and treat the plate for skid resistance.
- **For posted speed limits less** than 45 mph install STEEL PLATE AHEAD, DIP or BUMP signs depending on the profile of the road or use of steel plate on the roadway.
- **For posted speed limits greater** than or equal to 45 mph install STEEL PLATE AHEAD, DIP or BUMP signs depending on the profile of the road or use of steel plate on the roadway. SPEED LIMIT signs may be used to reduce speed through the excavation area.
- **For reducing the speed limit**, refer to EPG 616.29 Work Zone Speed limits.
- **For additional steel plate** information, refer to EPG 616.6.46 STEEL PLATE AHEAD sign.

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| SPEED | SIGN SPACING (ft.) |
|------------------------|------------------------|
| Permanent Posted (mph) | Divided (S) |
| 0-35 | 200 |
| 40-45 | 500 |
| 50-55 | 1000 |
| 60-70 | SA - 1000 SB - 1500 |

| TYPE OF ROADWAY | SIGN HEIGHT | MAXIMUM WORK ZONE LENGTH (L) |
|-----------------|------------------------|------------------------------|
| URBAN | 1' Portable 7' Post | 1 Mi. |
| RURAL DIVIDED | 1' Portable 7' Post | 2 Mi. |



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes: