

"ARRAY DETAIL"
Spacing Between Temporary Portable Rumble Strip Centers

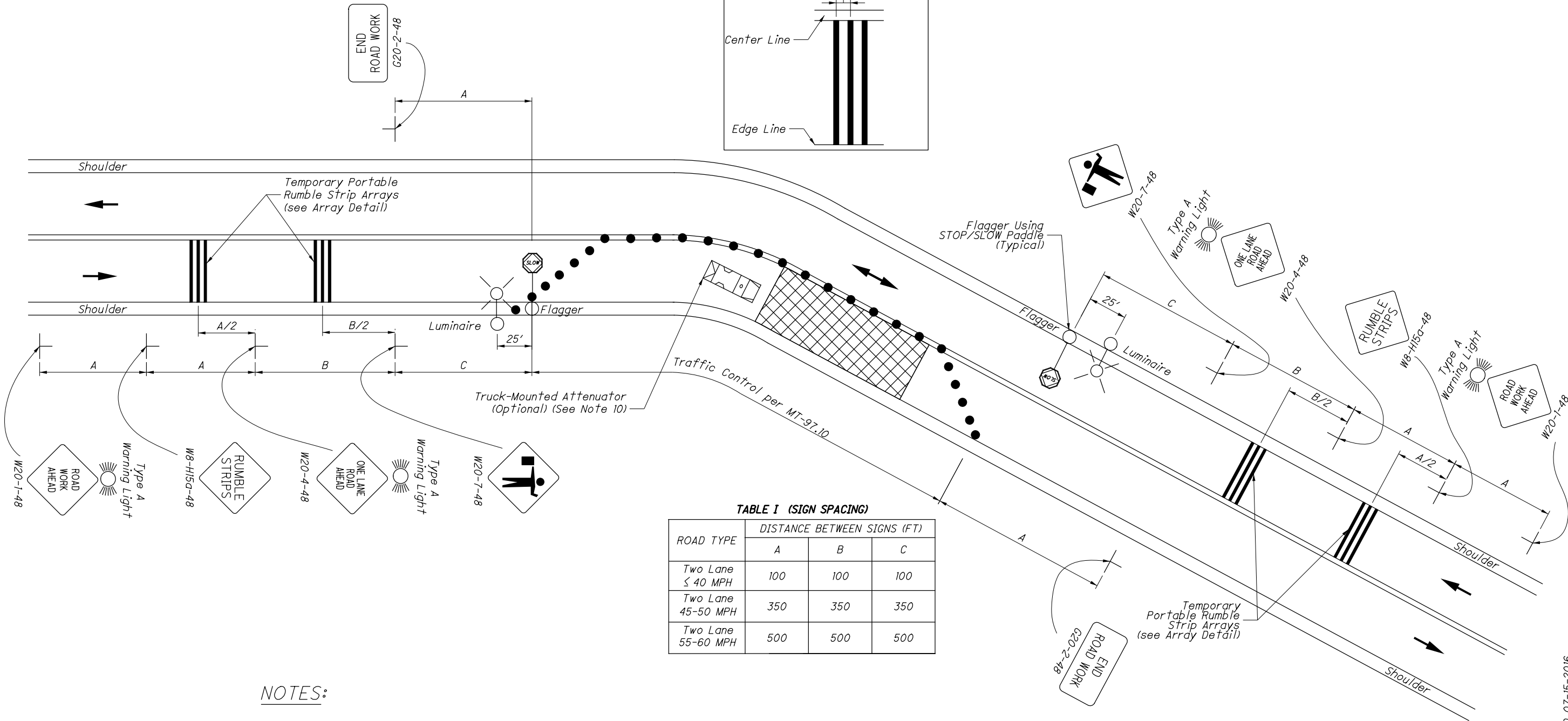
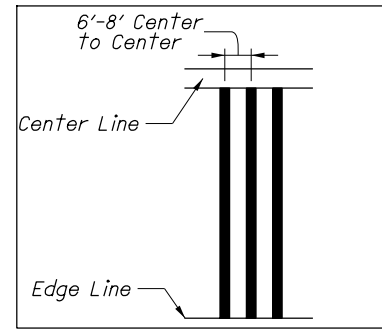


TABLE I (SIGN SPACING)

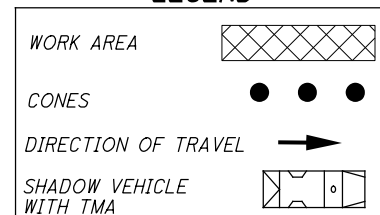
ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two Lane ≤ 40 MPH	100	100	100
Two Lane 45-50 MPH	350	350	350
Two Lane 55-60 MPH	500	500	500

NOTES:

- This Standard Construction Drawing (SCD) is intended for use as a supplement to SCD MT-97.10. It is not intended to be used as a standalone drawing. The notes on SCD MT-97.10 are also applicable to this SCD.
- Temporary Portable Rumble Strips may be used only if all of the following conditions are met:
 - The work is on a two-lane facility.
 - The work duration is Short Term Stationary, as defined by the OMUTCD, Section 6G.02.
 - Work crews are present and working within the traveled way.
 - A one lane, two-way traffic pattern is in operation.
- Temporary Portable Rumble Strips shall not be used during wet or icy pavement conditions, on chip seal (C&MS Item 422) surfaces, or on roadway surfaces with rutting that negatively impacts the surface contact area between the roadway and the Temporary Portable Rumble Strip.

- If erratic driver behavior becomes apparent, such as, but not limited to, avoidance measures and hard braking, the Temporary Portable Rumble Strips and related signs shall be removed completely from the roadway.
- Use of the Temporary Portable Rumble Strips shall comply with OMUTCD Section 6F.87.
- Deployment of the Temporary Portable Rumble Strips shall occur after the deployment of all the required work zone warning signs and shall be accomplished using flagger(s) to control traffic.
- Each direction of traffic shall have two arrays consisting of three 11' Temporary Portable Rumble Strips each transversely covering the approach lane. Individual strips in the array shall be parallel to each other, spaced six to eight feet apart and placed perpendicular to the centerline. They shall be periodically inspected and adjusted as needed to maintain the required spacing and orientation.
- Only use Temporary Portable Rumble Strip products that are approved for use by the Office of Roadway Engineering.
- Prepare the pavement and install the Temporary Portable Rumble Strips per manufacturer specifications.
- The shadow vehicle shall be equipped with a truck-mounted or trailer attenuator (TMA) in accordance with CMS 614.03 when called for in the plans.

LEGEND



THIS DRAWING REPLACES MT-97.20 DATED 07-15-2016.

STANDARD ROADWAY CONSTRUCTION DRAWING

TEMPORARY PORTABLE RUMBLE STRIPS
FOR USE WITH 1 LANE - 2 WAY OPERATION
USING FLAGGERS

OFFICE OF
ROADWAY
ENGINEERING

STATUS
ENGINEER
Soisson

STATE OF OHIO DEPARTMENT OF
TRANSPORTATION ADMINISTRATOR
David L. Holstein

REVISION DATE
04-19-2019

SCD NUMBER
MT-97.20

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