National Transportation Safety Board
Office of Highway Safety
Washington, DC 20594

HWY24MH013

HIGHWAY FACTORS ATTACHMENT

Rumble Strip Details for I-80/90

(2 Pages)

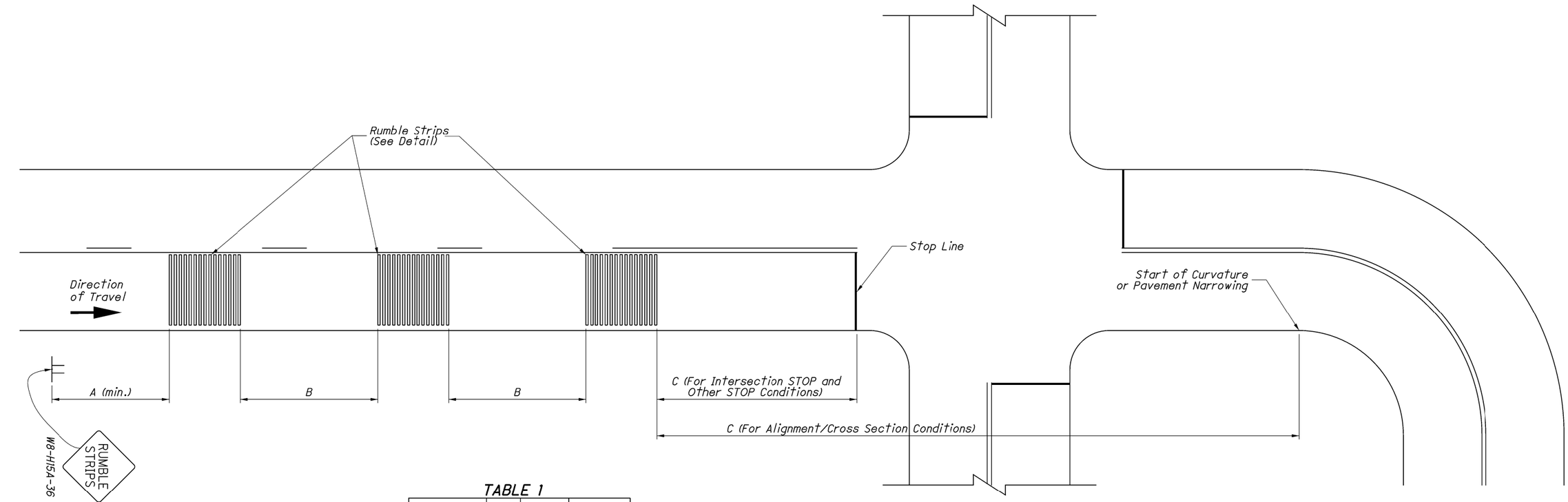
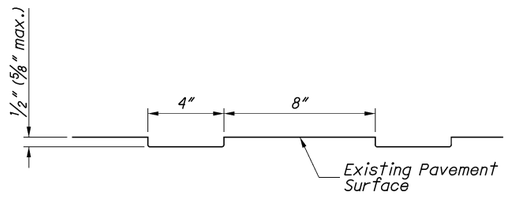


TABLE 1

SPEED LIMIT mph	"A" ft	"B" ft	"C" ft
50 mph and greater	170	160-320	300 min.
40-45	140	130-260	200 min.



SECTION A-A
TYPICAL GROOVE DETAIL

The proposed rumble strips shall consist of parallel grooves (depressions) cut at one foot intervals.

All dimensions shown are nominal and should be considered to be ± ⅛".

Each groove shall be cut to a depth of approximately ½" with allowance for pavement surface irregularities and variations.

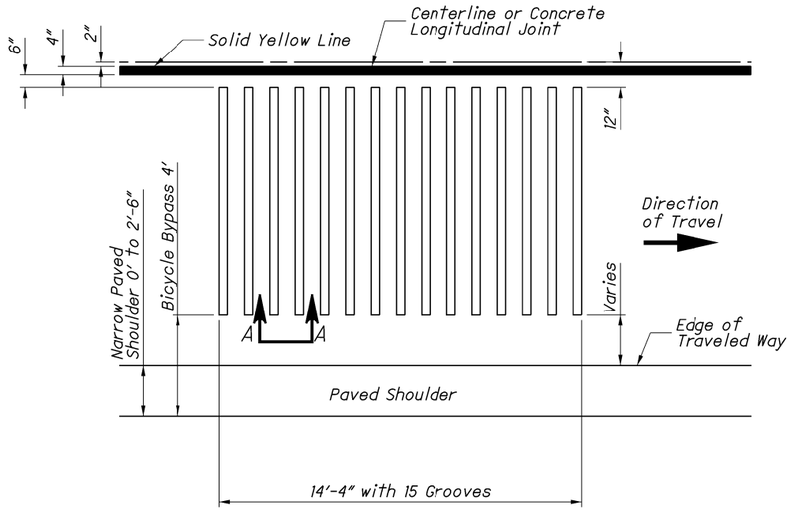
NOTES:

1. For intersections or other stop conditions, placement of the transverse rumble strips is measured from the stop line, or if none, at the point where the roadway user should stop; For reduced speeds, placement of the transverse rumble strips is measured at the point of curvature or where the pavement narrows.

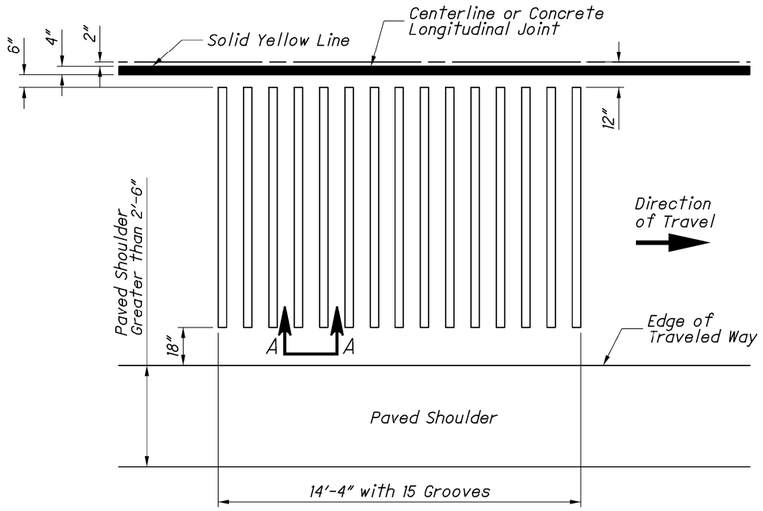
2. Existing signing is not shown. Provide signing based on OMUTCD guidance.

3. Rumble strips are not to be placed on structures.

4. PAYMENT: Pay per EACH 15-Groove Set per Lane.



TYPICAL TRANSVERSE RUMBLE STRIP
FOR PAVED SHOULDERS ≤ 2'-6"



TYPICAL TRANSVERSE RUMBLE STRIP
FOR PAVED SHOULDERS > 2'-6"

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

Brenton Bogard — 01-15-2021
ADMINISTRATOR — DATE

STDS. ENGINEER: D. FISHER

OFFICE OF ROADWAY ENGINEERING

STANDARD ROADWAY CONSTRUCTION DRAWING

TRANSVERSE RUMBLE STRIPS

SCD NUMBER BP-9.2