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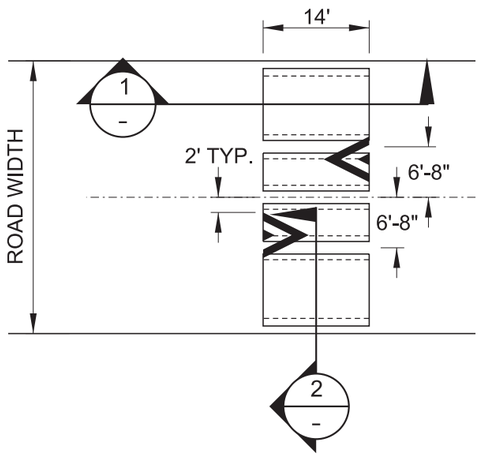
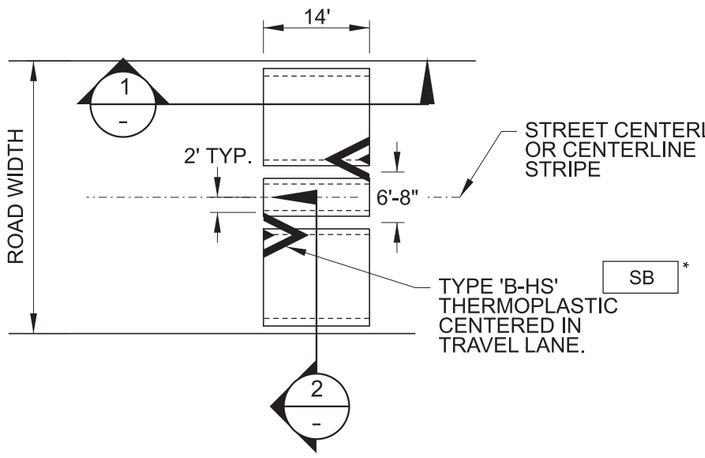
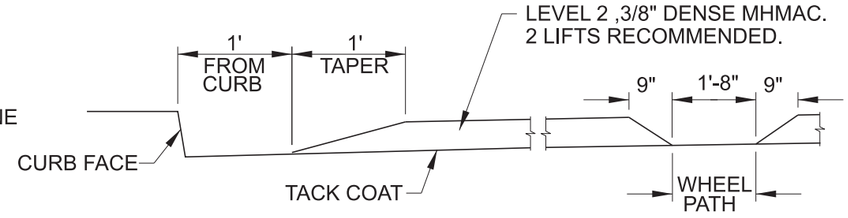
SCALE: 3/8" = 1'-0"
Plot Date: 4/30/2026 12:20:39 PM Filename: U:\station\DON\CITY OF PORTLAND - STANDARD DRAWINGS\SECTION DIVISIONS\3-STREETS\MICROSTATION\STD DRAWING NO P-442\PLOT_SHT_P-442.dgn

FOUR-CUSHION SPEED BUMP

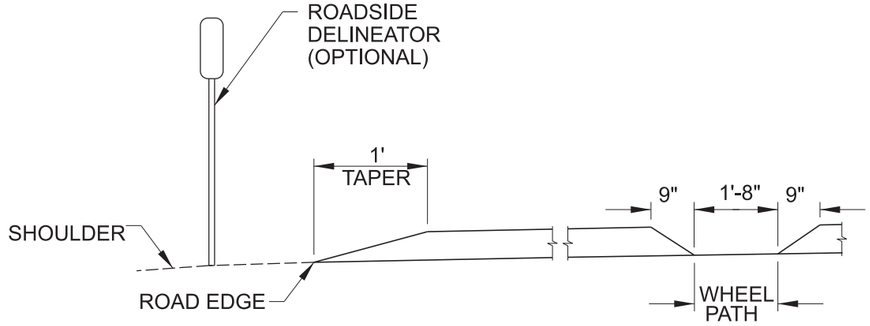


THREE-CUSHION SPEED BUMP



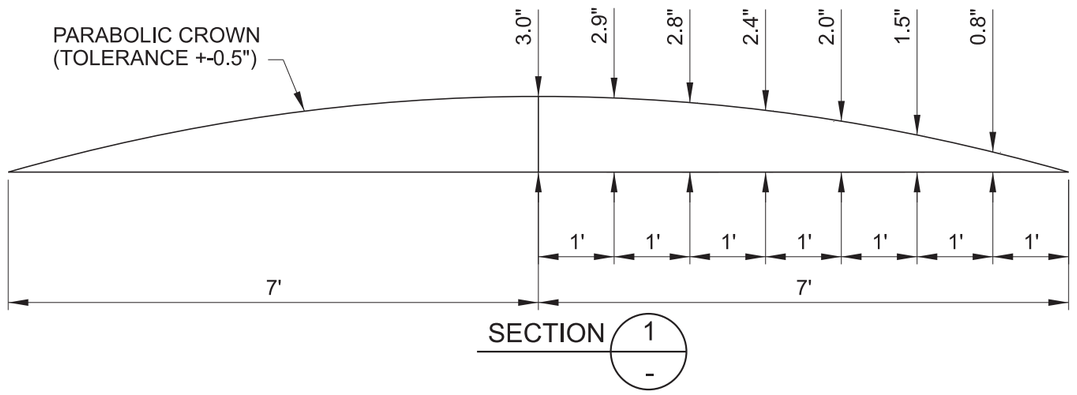


SHOULDER DETAIL FOR STREETS WITH CURBS



SHOULDER DETAIL FOR STREETS WITHOUT CURBS

SECTION 2 / -



SECTION 1 / -

GENERAL NOTES:

1. THE "SB" SPEED BUMP MARKINGS MAY BE INSTALLED ON WARM FRESH ASPHALT OR ON COLD CURED ASPHALT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. SPEED BUMP ADVANCE WARNING SIGNS AND "SB" SPEED BUMP MARKINGS SHALL BE INSTALLED PRIOR TO OPENING ANY LANE TO TRAFFIC THAT IS OCCUPIED BY A SPEED BUMP UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE ENGINEER MAY APPROVE LANE OPENING WITH TEMPORARY PAVEMENT MARKERS AND ADVANCE WARNING SIGNS TO BE INSTALLED AND MAINTAINED AS DIRECTED UNTIL REPLACED WITH PERMANENT SIGNS AND PAVEMENT MARKINGS.
3. PAVEMENT MARKING LAYOUT ASSUMES A TWO-LANE, TWO-WAY STREET WITH PARKING ON BOTH SIDES. FOR ALL OTHER CONFIGURATIONS SUBMIT REVISED LAYOUT TO THE ENGINEER FOR APPROVAL.

* SEE PBOT STANDARD DETAIL P-435

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

PBOT **PORTLAND BUREAU OF TRANSPORTATION**

Wendy S. Peters Cawley
City Traffic Engineer

Standard Drawing Title

MULTI CUSHION SPEED BUMPS

Effective Date:	05-01-2026
Calc. Book No.:	N/A
Std. Drg. Report Date:	05-01-2026

Standard Drawing No.

P-442