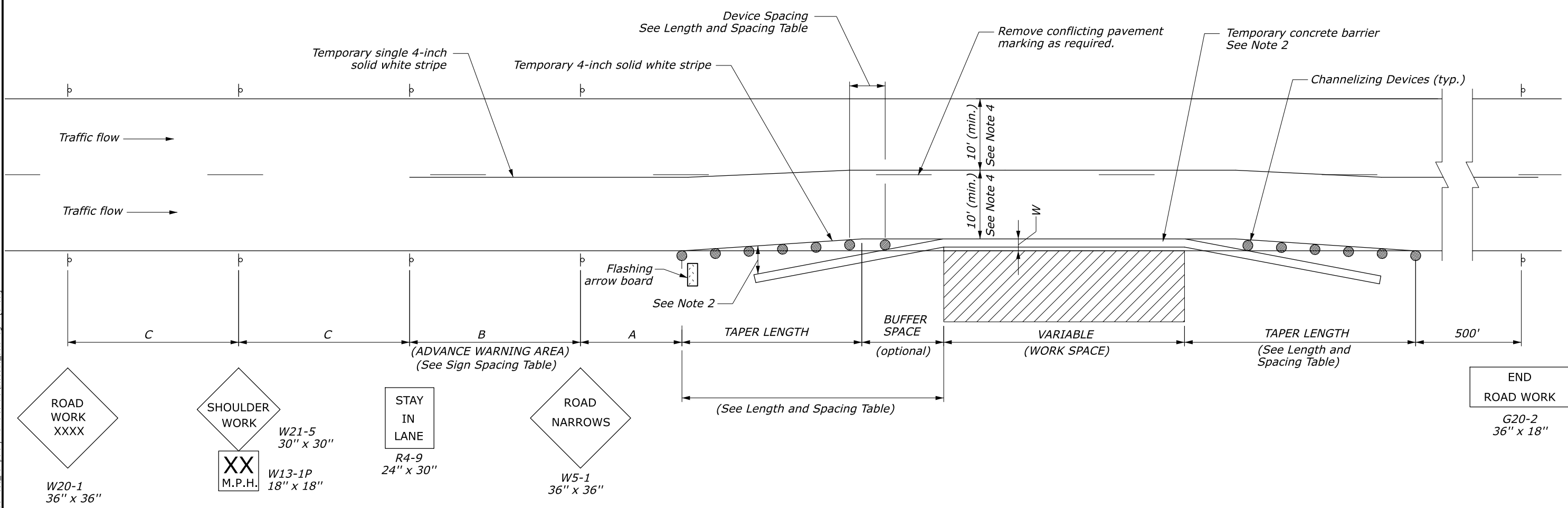


TYPICAL APPLICATION: ONE WAY, TWO LANE ROADWAY, CLOSING PARTIAL LANE AND SHOULDER USING TEMPORARY BARRIER



NOTES:

- Final location and spacing of temporary traffic control devices may be changed to fit field conditions as approved by the CO.
- Place barrier according to the AASHTO Roadside Design Guide, latest edition. Terminate barrier ends outside the clearzone or protect the ends of barrier with a crash cushion. Mount reflectors on barriers at 25-foot intervals.
- Repeat signs on both sides of the roadway.
- Use minimum width shown unless otherwise specified in Section 156.

| APPROACH SPEED* (MPH) | MINIMUM TAPER LENGTH (LNFT) | BUFFER SPACE LENGTH (LNFT) | CHANNELIZING DEVICE SPACING (LNFT) | | |
|-----------------------|--|----------------------------|------------------------------------|--------------|------------|
| | | | TAPER AREA | BUFFER SPACE | WORK SPACE |
| 20 | Shifting taper formula: | 115 | 20 | 40 | 40 |
| 25 | $L = \frac{WS^2}{120}$ for $S \leq 40$ MPH | 155 | 25 | 50 | 50 |
| 30 | | 200 | 30 | 60 | 60 |
| 35 | $L = \frac{WS}{2}$ for $S \geq 45$ MPH | 250 | 35 | 70 | 70 |
| 40 | | 305 | 40 | 80 | 80 |
| 45 | Where: | 360 | 45 | 90 | 90 |
| 50 | L = Minimum length of taper | 425 | 50 | 100 | 100 |
| 55 | W = Width of offset in feet | 495 | 55 | 110 | 110 |
| 60 | S = Numerical value of posted speed limit or 85 percentile speed prior to work in miles per hour | 570 | 60 | 120 | 120 |
| 65 | | 645 | 65 | 130 | 130 |
| 70 | | 730 | 70 | 140 | 140 |

* Approach speed based on the regulatory posted speed, not the advisory speed.

| ROAD TYPE | DISTANCE BETWEEN SIGNS (LNFT) | | |
|----------------------------------|-------------------------------|------|------|
| | (A) | (B) | (C) |
| Urban and Rural 30 MPH and less | 100 | 100 | 100 |
| Urban and Rural 35 MPH to 50 MPH | 350 | 350 | 350 |
| Rural greater than 50 MPH | 500 | 500 | 500 |
| Expressway / Freeway | 1000 | 1500 | 2640 |

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

EFLHD DETAIL

**TEMPORARY TRAFFIC CONTROL
ONE WAY, TWO LANE ROAD
SHOULDER WORK WITH MINOR
ENCROACHMENT (WITH BARRIER)**

| | |
|-------------------------|---------|
| DETAIL APPROVED FOR USE | DETAIL |
| APPROVED: MAY 2011 | E635-10 |
| REVISED: NOVEMBER 2021 | |

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