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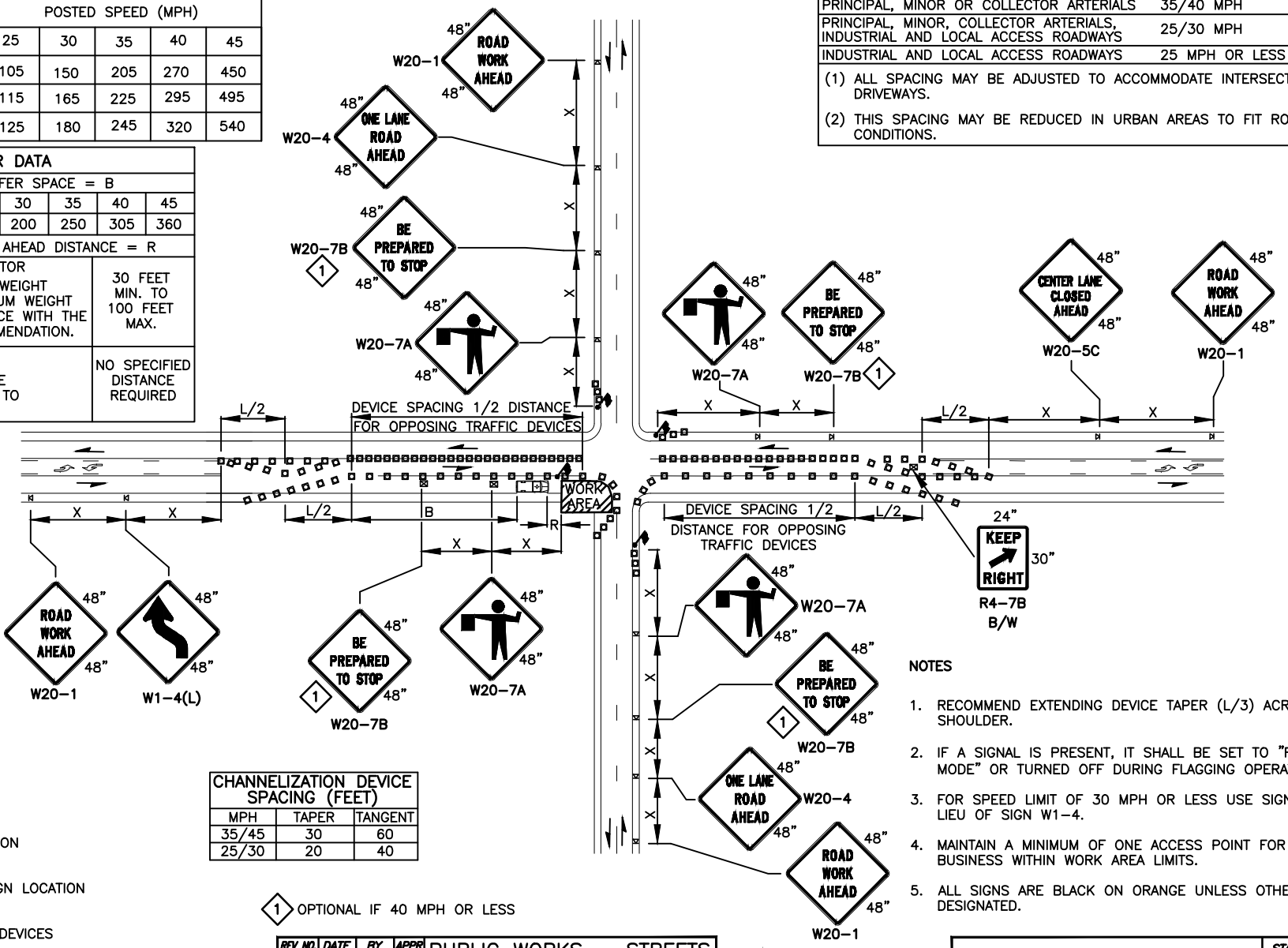
| MINIMUM LANE CLOSURE TAPER LENGTH = L (FEET) | | | | | |
|---|---|---|---|---|---|
| LANE WIDTH (FEET) | POSTED SPEED (MPH) | | | | |
| | 25 | 30 | 35 | 40 | 45 |
| 10 | 105 | 150 | 205 | 270 | 450 |
| 11 | 115 | 165 | 225 | 295 | 495 |
| 12 | 125 | 180 | 245 | 320 | 540 |

| BUFFER DATA | | | | | |
|---|---|---|---|---|---|
| LONGITUDINAL BUFFER SPACE = B | | | | | |
| SPEED (MPH) | 25 | 30 | 35 | 40 | 45 |
| LENGTH (FEET) | 155 | 200 | 250 | 305 | 360 |
| BUFFER VEHICLE ROLL AHEAD DISTANCE = R | | | | | |
| TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION. | 30 FEET MIN. TO 100 FEET MAX. | | | | |
| PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA. | NO SPECIFIED DISTANCE REQUIRED | | | | |

| SIGN SPACING = X (1) | | |
|---|---|---|
| PRINCIPAL ARTERIALS | 45 MPH | 500'± |
| PRINCIPAL, MINOR OR COLLECTOR ARTERIALS | 35/40 MPH | 350'± |
| PRINCIPAL, MINOR, COLLECTOR ARTERIALS, INDUSTRIAL AND LOCAL ACCESS ROADWAYS | 25/30 MPH | 200'± (2) |
| INDUSTRIAL AND LOCAL ACCESS ROADWAYS | 25 MPH OR LESS | 100'± (2) |

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.




| CHANNELIZATION DEVICE SPACING (FEET) | | |
|---|---|---|
| MPH | TAPER | TANGENT |
| 35/45 | 30 | 60 |
| 25/30 | 20 | 40 |

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE – RECOMMENDED
- TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

(1) OPTIONAL IF 40 MPH OR LESS

NOTES

1. RECOMMEND EXTENDING DEVICE TAPER (L/3) ACROSS SHOULDER.
2. IF A SIGNAL IS PRESENT, IT SHALL BE SET TO "RED FLASH MODE" OR TURNED OFF DURING FLAGGING OPERATIONS.
3. FOR SPEED LIMIT OF 30 MPH OR LESS USE SIGN W1-3 IN LIEU OF SIGN W1-4.
4. MAINTAIN A MINIMUM OF ONE ACCESS POINT FOR EACH BUSINESS WITHIN WORK AREA LIMITS.
5. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

| REV NO. | DATE | BY | APPR |
|---|---|---|---|
| 1 | 3/16 | RAW | CJC |
| 2 | 3/17 | RAW | CJC |
| 3 | 9/21 | RAW | CJC |

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: _____ TRAFFIC ENGINEER MANAGER

APPROVED DATE: 9/1/2021

CITY OF Vancouver WASHINGTON

# TRAFFIC CONTROL STANDARD PLAN INTERSECTION LANE CLOSURE 3 LANE ROADWAYS

STANDARD PLAN NUMBER

TC14