| SIGN SPACING = X (1) |
|---|
| RURAL ROADS & URBAN ARTERIALS 35-40 MPH 350' +/- |
| RURAL ROADS & URBAN ARTERIALS 25-30 MPH 200' +/- (2) RESIDENTIAL & BUSINESS DISTRICTS |
| URBAN STREETS 25 MPH OR LESS 100' +/- (2) |
| (1) ALL SPACING MAY BE ADJUSTED TO ACCOMODATE INTERCHANGE RAMPS AT-GRADE INTERSECTIONS AND DRIVEWAYS. **(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.** |
| ALL SIGNS ARE 36" X 36" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED |

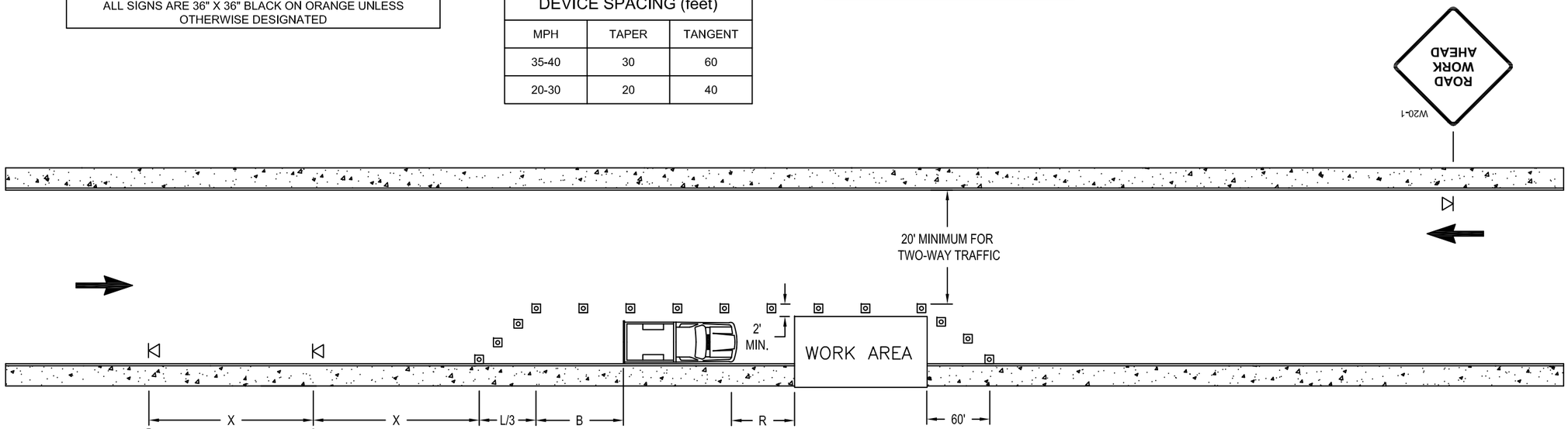
| SHOULDER CLOSURE TAPER LENGTH = L/3 | | | | | | |
|---|---|---|---|---|---|---|
| SHOULDER WIDTH (feet) | SPEED (MPH) | 20 | 25 | 30 | 35 | 40 |
| 6 | L/3 (feet) | 40 | 40 | 40 | 60 | 60 |
| 10 | | 40 | 40 | 60 | 90 | 90 |
| FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM | | | | | | |

| MAXIMUM CHANNELIZATION DEVICE SPACING (feet) | | |
|---|---|---|
| MPH | TAPER | TANGENT |
| 35-40 | 30 | 60 |
| 20-30 | 20 | 40 |

| LONGITUDINAL BUFFER SPACE = B | | | | | |
|---|---|---|---|---|---|
| SPEED (MPH) | 20 | 25 | 30 | 35 | 40 |
| LENGTH (feet) | 115 | 155 | 200 | 250 | 305 |

| PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R |
|---|
| NO SPECIFIED DISTANCE REQUIRED. STRATEGICALLY POSITION WORK VEHICLE TO PROTECT WORK CREW. |

| STATIONARY TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R | |
|---|---|
| HOST VEHICLE WEIGHT | R |
| 9,900 TO 22,000 lbs | 100'-0" |
| 22,001+ lbs | 74'-0" |




**LEGEND**

- SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE - RECOMMENED

| NIGHTTIME HOURS | | |
|---|---|---|
| ARROWBOARD REQUIRED | SHALL BE IN CAUTION MODE | |
| CHANNELIZATION DEVICE REDUCTION | TAPER SHALL BE 20' | TANGENT SHALL BE 40' |
| OPTIONAL ADDED SIGN | W21-5aL LEFT SHOULDER CLOSED OR W21-5aR RIGHT SHOULDER CLOSED | |

**NOTES**

1. Address pedestrian control through or around the work area.
2. When used, device spacing for the downstream taper should be 20' O.C.

PEDESTRIAN SIGNS - ** Place on both sides of sidewalks.

SIDEWALK CLOSED
R9-9
24 X 12

SIDEWALK CLOSED CROSS HERE
R9-11a
24 X 12

# TYPICAL SHOULDER CLOSURE
## LOW SPEED (40 MPH OR LESS)
## NO PAVEMENT MARKINGS

| PUBLIC WORKS ENGINEERING | |
|---|---|
| APPR BY: JTW | DATE: 2/18/2025 |
| DRAWN BY: HEZ | DWG: COR-TCP1 |
| CAD FILE: TCP.dwg (SHLDR-NM) | |