DROP-OFF PROTECTION BETWEEN TRAVEL LANE AND SHOULDER / EDGE OF PAVEMENT FIG 55.2B FROM CHAPTER 55 (BDE MANUAL, 2010)

| DROP-OFF LOCATION | NORMAL POSTED SPEED | DROP-OFF HEIGHT (X) AND TYPE | TREATMENT REQUIRED | | | | | | |
|--|------------------------|--|--|--|--|--|--|--|--|
| ≤ 3 FT ⁽³⁾⁽²⁾ | A11 | ≤ 1 IN | NONE | | | | | | |
| | ALL | 1 IN < X ≤ 3 IN | LOW SHOULDER SIGNS (2 MILE SPACING) | | | | | | |
| | < 45 MPH | 3 IN < X ≤ 18 IN | PLACE CHANNELIZING DEVICES AT 50-FT SPACING | | | | | | |
| | ≥ 45 MPH | 3 IN < X ≤ 12 IN | PLACE CHANNELIZING DEVICES AT 100-FT SPACING | | | | | | |
| | < 45 MPH | 18 IN < X ≤ 24 IN FOR < 0.5 MILE OR < 48 HOURS ⁽⁴⁾ | PLACE CHANNELIZING DEVICES AT 50-FT SPACING | | | | | | |
| | ≥ 45 MPH | 12 IN < X ≤ 18 IN FOR < 0.5 MILE OR < 48 HOURS | PLACE CHANNELIZING DEVICES AT 100-FT SPACING | | | | | | |
| | ≥ 45 MPH | 12 IN < X ≤ 24 IN FOR > 0.5 MILE OR > 48 HOURS | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |
| | < 45 MPH | $18 N < X \le 24 N^{(5)}$ | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |
| | ≥ 45 MPH | 18 IN < X \leq 24 IN FOR < 0.5 MILES OR < 48 HOURS ⁽⁵⁾ | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |
| | ALL | > 24 IN ⁽⁵⁾ | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |
| 3 FT < X ≤ 8 FT ⁽³⁾ | | ≤ 1 IN | NONE | | | | | | |
| | ALL | 1 IN < X ≤ 3 IN | LOW SHOULDER SIGNS (2 MILE SPACING) | | | | | | |
| | < 45 MPH | 3 IN < X ≤ 24 IN ⁽⁴⁾ | PLACE CHANNELIZING DEVICES AT 50-FT SPACING | | | | | | |
| | ≥ 45 MPH | 3 IN < X ≤ 24 IN | PLACE CHANNELIZING DEVICES AT 100-FT SPACING | | | | | | |
| | ALL | 24 IN ⁽⁵⁾ | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |
| > 8 FOOT TO THE WORK ZONE CLEAR ZONE | < 45 MPH | 12 IN < X ≤ 24 IN ⁽⁴⁾ | PLACE CHANNELIZING DEVICES AT 50-FT SPACING | | | | | | |
| | ≥ 45 MPH | 12 IN < X ≤ 24 IN | PLACE CHANNELIZING DEVICES AT 100-FT SPACING | | | | | | |
| | ALL | > 24 IN ⁽⁵⁾ | CLOSURE USING TEMPORARY TRAFFIC BARRIER | | | | | | |

NOTES:

- ⁽¹⁾ PLACE CHANNELIZING DEVICES AND/OR TEMPORARY BARRIER AT THE SAME LEVEL AS THE TRAVELING LANE OR SHOULDER PROFILE
- ^[2] CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS PER **HIGHWAY STANDARD 701901**.
- ⁽³⁾ PLACE CHANNELIZING DEVICES OR TEMPORARY BARRIER AT SAME LEVEL AS THE SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- (4) LENGTH AND DURATION MAY BE EXCEEDED FOR URBAN AREAS WHEN ENGINEERING JUDGEMENT INDICATES SIGHT DISTANCE WILL BE ADVERSELY AFFECTED BY TEMPORARY BARRIER.
- (5) TEMPORARY TRAFFIC BARRIER MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 24 HOURS FOR MULTILANE, AND MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 96 HOURS PER STAGE FOR TWO LANES, BASED ON ENGINEERING JUDGEMENT.

| FILE NAME = | USER NAME = \$USER\$ | DESIGNED - | REVISED - | | | | nı | ROP-OFF POLICY | | RTF. | SECTION | COUNTY | SHEETS | NO. |
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| | PLOT SCALE = 100.0000 '/ in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | | | | | | | | CONTRACT | T NO. 7 | 8276 |
| \$MODELNAME\$ | PLOT DATE = 2/7/2014 | DATE - | REVISED - | | SCALE: | SHEET | OF | SHEETS STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | | |
| • | | | | | •(41-3-1)RS-1;(41-8)RS-2 ••57/64 | | | | | | | | | |