<table>
<thead>
<tr>
<th>STANDARD DRAWING No.</th>
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<th>REVISION DATE</th>
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<tbody>
<tr>
<td>1500</td>
<td>Maintenance of Traffic General Notes</td>
<td>9/15/15</td>
</tr>
<tr>
<td></td>
<td>Sheet</td>
<td></td>
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<tr>
<td></td>
<td>1. Notes &amp; Tables</td>
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<tr>
<td></td>
<td>2. Symbol Legend</td>
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<td></td>
<td>3. Components of a Temporary Traffic Zone</td>
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<tr>
<td>1510</td>
<td>Lane Closures</td>
<td>9/15/15</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1. Right Lane</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Left Lane</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. 3-Lane Section with Shift</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. 4-Lane Section with Shift</td>
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<tr>
<td></td>
<td>5. 5-Lane Section with Shift</td>
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<td>9/15/15</td>
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<tr>
<td></td>
<td>1. Working Hours</td>
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<td>2. Non-Working Hours</td>
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<td>STANDARD DRAWING No.</td>
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<td>1520</td>
<td>Lane Closures Intersections</td>
<td>9/15/15</td>
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</tr>
<tr>
<td>1. Left Turn Lane</td>
<td></td>
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</tr>
<tr>
<td>2. 3-Lane Section, Nearside</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. 3-Lane Section, Farside</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Lane Closure with Shift, Nearside</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Lane Closure with Shift, Farside</td>
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<tr>
<td>6. Right Lane Closure, 4-Lane Section, Farside</td>
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<td>7. Left Lane Closure, 4-Lane Section, Farside</td>
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<td>1530</td>
<td>Lane Closures, Central Business District</td>
<td>9/15/15</td>
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<tr>
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<td><em>Sheet</em></td>
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<tr>
<td>1. Right Lane Closure, Farside with Intersecting One-Way, Dual Turns</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Left Lane Closure, Farside with Intersecting One-Way, Dual Turns</td>
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<td></td>
</tr>
<tr>
<td>1540</td>
<td>Street Closures</td>
<td>9/15/15</td>
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<tr>
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<td><em>Sheet</em></td>
<td></td>
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<tr>
<td>1. Side Street on Multi-Lane Roadway</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Arterial Street with Detour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Intersection (Residential)</td>
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</tr>
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<td>4. Side Street with Flagger</td>
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<td></td>
</tr>
<tr>
<td>5. Side Street with Partial Closure of One-Way, Parking Removed</td>
<td></td>
<td></td>
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<tr>
<td>6. Side Street on Multi-Lane One-Way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Moving Closure – Mid-Block</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Moving Closure – Three Way Intersection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Moving Closure, T- Intersection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. One-Way Street, Closed, Temporary Two-Way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1550</td>
<td>Flagging Operations</td>
<td>9/15/15</td>
</tr>
<tr>
<td></td>
<td><em>Sheet</em></td>
<td></td>
</tr>
<tr>
<td>1. Two-Way, One-Lane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. 2-Lane Closure of 3-Lane Section, Nearside</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. 2-Lane Closure of 3-Lane Section, Farside</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### NOTES

1. ADVANCE WARNING SIGNAGE

#### SIZE:
- MINIMUM SIGN SIZE IS 36". INCREASE SIZE TO 48" ON ROADWAYS WITH POSTED SPEED EQUAL TO OR GREATER THAN 45 MPH OR ON ARTERIAL ROADWAYS WITH 4 LANES OR MORE. ONE-WAY STREETS REQUIRE SIGNS POSTED ON BOTH SIDES OF ROADWAY.

#### SPACING:
SPACING BETWEEN SIGNS IS 10' FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH AND 350' FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH PER TABLE 2: ADVANCE WARNING SIGNS. FIRST SIGN IN SERIES IS PLACED 100' OR 350' PRIOR TO THE FIRST DRUM OR DEVICE. MAINTAIN 200' CLEARANCE FROM EXISTING SIGNAGE WHENEVER POSSIBLE. INSTALL TYPE A LOW INTENSITY FLASHING LIGHTS ON SIGNS AS DIRECTED BY THE OMUTCD PART 6 SECTION 6F-83, CURRENT EDITION, WHEN TEMPORARY TRAFFIC CONTROL DEVICES ARE USED FOR NIGHTTIME ROADWAY AND PEDESTRIAN MAINTENANCE OF TRAFFIC CONTROL SETUPS.

#### CONFLICTING SIGNS:
REPLACE OR COVER EXISTING SIGNS LOCATED WITHIN 250' OF FIRST WARNING SIGN AND ALL CONFLICTING SIGNS WITHIN WORK ZONE. END ROAD WORK SIGNS, 0-20-2, SHALL ONLY BE USED WHEN CONSTRUCTION EXCEEDS 180 DAYS, AS SHOWN IN A ROADWAY MAINTENANCE OF TRAFFIC PLAN, OR AS DIRECTED BY THE ENGINEER.

2. CHANNELIZING DEVICES

#### DRUMS:
- DRUMS SHALL HAVE TYPE C OR TYPE D 360 DEGREE STEADY BURN WARNING LIGHTS FOR USE AT NIGHT. DURING DAYTIME OPERATIONS 42" CHANNELIZING DEVICES MAY BE SUBSTITUTED FOR DRUMS WITH THE PERMISSION OF THE ENGINEER.

#### DEVICE SPACING:
- 40" ON TANGENTS; 20" TAPERS, 6" TO 8" ON RADIUS
- 10 MINIMUM LANE WIDTHS SHALL BE MAINTAINED. A MINIMUM OF 5 DRUMS SHALL BE USED TO CLOSE THE UPSTREAM SHOULDER.

#### DRUM MOUNTED SIGN:
- CONTRACTOR MAY USE A POLYPROPYLENE FLUTED SF FROM OMUTCD, CURRENT EDITION, PART 6 TABLE 6C-1 SLIDE FOR SIGNING WHEN PLACING ON TOP OF DRUMS. SIGNS SHALL BE ATTACHED TO THE DRUMS USING APPROPRIATE HARDWARE. ONLY "KEEP RIGHT," "ONE-WAY," AND TURN RESTRICTION SIGNS SHALL BE POSTED ON TOP OF DRUMS. ALL SIGNS SHALL MAINTAIN RETROREFLECTIVITY. SIGN SUBSTRATE SHALL CONFORM TO FHWA SIGN SUBSTRATES FOR PLASTIC DRUMS AND WORK ZONE ACCEPTANCE LETTER WZ-45 "CRASHWORTHY WORK ZONE DEVICES" AS OF OCTOBER 1, 2000.

3. TAPER LENGTHS

#### TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES SHALL BE PER TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONE FOR CALCULATED TAPER LENGTHS.

#### EXIT TAPERS SHALL BE 100' PER LANE, MAXIMUM.

4. TEMPORARY MARKINGS

WHEN LANE CLOSURES EXCEED 14 CALENDAR DAYS, TEMPORARY MARKINGS (740.06) TAPES, MINIMUM 4'-0" LONG SEGMENTS SHALL BE INSTALLED FOR ALL CENTERLINES, CHANNELS, AND LANE LINES. CONFLICTING MARKINGS SHALL BE COVERED WITH NON-REFLECTIVE TAPE OR REMOVED. ITEM 643 PANT SHALL BE USED IF AN AREA IS TO BE MILLED AND OR RESURFACED OR PLACED ON THE INTERMEDIATE ASPHALT COURSE.

---

### 5. GENERAL NOTES AND MODIFICATIONS OF STANDARD CONSTRUCTION DRAWINGS

THE USE OF ANY MAINTENANCE OF TRAFFIC STANDARD DRAWING SHALL REQUIRE A MAINTENANCE OF TRAFFIC TABLE PROVIDED BY THE DIVISION OF DESIGN AND CONSTRUCTION. MODIFICATIONS TO THE TEMPORARY TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS MAY OCCUR WHEN FIELD CONDITIONS DICTATE THAT THE APPLICATION OF THE STANDARD DRAWING DOES NOT MEET ITS INTENDED PURPOSE. ONLY THE ENGINEER MAY DEVIATE FROM THESE DRAWINGS.

### 6. SCD 1500 REFERENCE

ALL NOTES, TABLES, FIGURES, AND LEGENDS INCLUDED AS PART OF SCD 1500 ARE TO BE APPLIED TO ALL OTHER MAINTENANCE OF TRAFFIC SCD (1501-1599).

---

### TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES

<table>
<thead>
<tr>
<th>WIDTH OF SHOULDER</th>
<th>25 MPH</th>
<th>30 MPH</th>
<th>35 MPH</th>
<th>40 MPH</th>
<th>45 MPH</th>
<th>50 MPH</th>
<th>55 MPH</th>
<th>60 MPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>53'</td>
<td>89'</td>
<td>99'</td>
<td>109'</td>
<td>119'</td>
</tr>
<tr>
<td>7'</td>
<td>*</td>
<td>*</td>
<td>47'</td>
<td>62'</td>
<td>104'</td>
<td>116'</td>
<td>127'</td>
<td>139'</td>
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<tr>
<td>8'</td>
<td>*</td>
<td>*</td>
<td>54'</td>
<td>70'</td>
<td>119'</td>
<td>132'</td>
<td>145'</td>
<td>158'</td>
</tr>
<tr>
<td>9'</td>
<td>45'</td>
<td>61'</td>
<td>75'</td>
<td>134'</td>
<td>149'</td>
<td>163'</td>
<td>178'</td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td>50'</td>
<td>67'</td>
<td>84'</td>
<td>149'</td>
<td>165'</td>
<td>182'</td>
<td>207'</td>
<td>218'</td>
</tr>
<tr>
<td>11'</td>
<td>54'</td>
<td>74'</td>
<td>97'</td>
<td>163'</td>
<td>182'</td>
<td>207'</td>
<td>218'</td>
<td>238'</td>
</tr>
<tr>
<td>12'</td>
<td>59'</td>
<td>81'</td>
<td>106'</td>
<td>178'</td>
<td>198'</td>
<td>218'</td>
<td>238'</td>
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<table>
<thead>
<tr>
<th>WIDTH OF LANE CLOSED</th>
<th>25 MPH</th>
<th>30 MPH</th>
<th>35 MPH</th>
<th>40 MPH</th>
<th>45 MPH</th>
<th>50 MPH</th>
<th>55 MPH</th>
<th>60 MPH</th>
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</thead>
<tbody>
<tr>
<td>10'</td>
<td>104'</td>
<td>150'</td>
<td>204'</td>
<td>267'</td>
<td>450'</td>
<td>500'</td>
<td>550'</td>
<td>600'</td>
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<tr>
<td>11'</td>
<td>115'</td>
<td>169'</td>
<td>225'</td>
<td>293'</td>
<td>405'</td>
<td>550'</td>
<td>605'</td>
<td>660'</td>
</tr>
<tr>
<td>12'</td>
<td>125'</td>
<td>180'</td>
<td>245'</td>
<td>320'</td>
<td>540'</td>
<td>600'</td>
<td>660'</td>
<td>720'</td>
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<tr>
<td>13'</td>
<td>135'</td>
<td>196'</td>
<td>265'</td>
<td>347'</td>
<td>585'</td>
<td>650'</td>
<td>710'</td>
<td>780'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WIDTH OF LANE SHIFT</th>
<th>25 MPH</th>
<th>30 MPH</th>
<th>35 MPH</th>
<th>40 MPH</th>
<th>45 MPH</th>
<th>50 MPH</th>
<th>55 MPH</th>
<th>60 MPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'</td>
<td>52'</td>
<td>75'</td>
<td>102'</td>
<td>133'</td>
<td>450'</td>
<td>500'</td>
<td>550'</td>
<td>605'</td>
</tr>
<tr>
<td>11'</td>
<td>57'</td>
<td>83'</td>
<td>112'</td>
<td>147'</td>
<td>495'</td>
<td>550'</td>
<td>605'</td>
<td>660'</td>
</tr>
<tr>
<td>12'</td>
<td>62'</td>
<td>90'</td>
<td>123'</td>
<td>160'</td>
<td>540'</td>
<td>600'</td>
<td>660'</td>
<td>720'</td>
</tr>
<tr>
<td>13'</td>
<td>68'</td>
<td>98'</td>
<td>133'</td>
<td>173'</td>
<td>585'</td>
<td>650'</td>
<td>710'</td>
<td>780'</td>
</tr>
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</table>

### TABLE 2: ADVANCE WARNING SIGNS

<table>
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<tr>
<th>ROAD TYPE</th>
<th>DISTANCE BETWEEN SIGNS</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>350 FT</td>
</tr>
<tr>
<td>B</td>
<td>350 FT</td>
</tr>
<tr>
<td>C</td>
<td>350 FT</td>
</tr>
</tbody>
</table>

**TABLE DERIVED FROM OMUTCD, CURRENT EDITION, PART 6 TABLE 6C-1**

### NOTES AND TABLES

MAINTENANCE OF TRAFFIC GENERAL NOTES

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG 1500

CITY ENGINEER

9/19/2015
SHT 1 OF 3
### SYMBOL LEGEND

- **DRUM**
- **42" REFLECTIVE CHANNELIZING DEVICE**
- **DRUM WITH TEMPORARY "EMERGENCY NO PARKING" SIGN ATTACHED**
- **DRUM WITH POLYPROPYLENE SIGN MOUNTED ON TOP (SEE SCD 1500 SHEET 1 NOTE 2)**
- **WORK AREA**
- **PARKING METER**
- **FLAGGER OR LAW ENFORCEMENT OFFICER**
- **HAND SIGNALING DEVICE (STOP/SLOW PADDLE)**
- **TEMPORARY PAVEMENT MARKING**
- **EXISTING PAVEMENT MARKINGS**
- **EXISTING PAVEMENT MARKINGS REMOVED OR COVERED**

#### GENERAL NOTES

- **B/O, BLK/ORANGE** BLACK TEXT ON ORANGE BACKGROUND
- **FAP** FLASHING ARROW PANEL
- **LEO** LAW ENFORCEMENT OFFICER
- **SCD** STANDARD CONSTRUCTION DRAWING
- **TTC** TEMPORARY TRAFFIC CONTROL

### MAINTENANCE OF TRAFFIC

**PROJECT:**
- **9/15/2015**
- **DRAFT**
- **SHT 2 OF 3**

**SYMBOL LEGEND**

**PLAN**

- **ONE WAY**
- **U-CHANNEL DRIVE POST**
- **ROAD WORK AHEAD**
- **TEMPORARY POST OR STAND**
- **FLASHING ARROW PANEL**
- **EXISTING SIGNAGE**
- **EXISTING/TEMPORARY SIGNAGE TO BE REMOVED OR COVERED**

**PROFILE**

- **EXISTING POLE MOUNTED STOP AND STREET NAME SIGNAGE**

**SYMBOL LEGEND**

**PLAN**

- **6" TYPE III (PORTABLE)**
- **10" TYPE III BARRICADES (SOLID ACROSS STREET)**

**PROFILE**

- **ROAD CLOSED**
- **DO NOT ENTER**
- **ROAD CLOSED**

**ABBREVIATIONS**

- **B/O, BLK/ORANGE** BLACK TEXT ON ORANGE BACKGROUND
- **FAP** FLASHING ARROW PANEL
- **LEO** LAW ENFORCEMENT OFFICER
- **SCD** STANDARD CONSTRUCTION DRAWING
- **TTC** TEMPORARY TRAFFIC CONTROL
TABLE 3: TANGENT LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES

<table>
<thead>
<tr>
<th>ROAD TYPE</th>
<th>ZONE SETUP</th>
<th>TABLE 1</th>
<th>TABLE 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW SPEED ≤ 40 MPH</td>
<td>BETWEEN MERGE AND SHIFT TAPERS</td>
<td>L = WS 1</td>
<td>L = WS 2</td>
</tr>
<tr>
<td>HIGH SPEED ≥ 45 MPH</td>
<td>BETWEEN MERGE AND SHIFT TAPERS</td>
<td>L = WS 2</td>
<td>L = WS 3</td>
</tr>
<tr>
<td>LOW SPEED ≤ 40 MPH</td>
<td>BETWEEN 2 MERGE TAPERS</td>
<td>L = WS 3</td>
<td>L = WS 4</td>
</tr>
<tr>
<td>HIGH SPEED ≥ 45 MPH</td>
<td>BETWEEN 2 MERGE TAPERS</td>
<td>L = WS 4</td>
<td>L = WS 5</td>
</tr>
</tbody>
</table>

*A TANGENT SECTION LENGTHS MAY BE CHANGED BY ENGINEER.

NOTES

1. FOR ADDITIONAL NOTES, TABLES, AND SYMBOL LEGEND SEE CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 1500, SHEET 1 OF 3.

2. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

3. IF TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 540', A DOUBLE REVERSE CURVE SIGN (W24-1) SHOULD BE USED IN PLACE OF INITIAL REVERSE CURVE SIGN AND THE SECOND REVERSE CURVE SIGN SHALL BE OMITTED.
LANE CLOSURES

SCD 1500 NOTES

1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES

1. FOR ADDITIONAL NOTES, TABLES, AND SYMBOL LEGEND SEE CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 1500.
LANE CLOSURES

1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.
LANE CLOSURES

SCD 1500 NOTES
1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES
1. IF TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 540', A DOUBLE REVERSE CURVE SIGN (W24-1) SHOULD BE USED IN PLACE OF INITIAL REVERSE CURVE SIGN AND THE SECOND REVERSE CURVE SIGN SHALL BE OMITTED.
2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.

COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS. (SEE SCD 1500 NOTE 4)

ADVANCE WARNING SIGNAGE, TYPICAL (SEE SCD 1500 SHEET 1, NOTE 1)
LANE CLOSURES

SCD 1500 NOTES
1. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES
1. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.
2. IF TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 540', A DOUBLE REVERSE CURVE SIGN (W24-1) SHOULD BE USED IN PLACE OF INITIAL REVERSE CURVE SIGN AND THE SECOND REVERSE CURVE SIGN SHALL BE OMITTED.
3. PLACE ADVANCE WARNING SIGN A MAXIMUM OF 200' FROM POSTED STOP OR ADJUST TO NEXT STREET IF LESS THAN 100'.
LANE CLOSURES

SCD 1500 NOTES:
1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES:
1. IF TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 540', A DOUBLE REVERSE CURVE SIGN (W24-1) SHOULD BE USED IN PLACE OF INITIAL REVERSE CURVE SIGN AND THE SECOND REVERSE CURVE SIGN SHALL BE OMITTED.
2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
3. PLACE TEMPORARY STOP SIGN ON STAND AND MOVE FORWARD.
ROAD WORK AHEAD
LEFT LANE CLOSED AHEAD

ROAD WORK AHEAD
RIGHT LANE CLOSED AHEAD

NON-WORKING HOURS

1. CITY OF COLUMBUS STANDARD DRAWING 1510 SHEETS 6 & 7 REPRESENT THE SAME SECTION OF ROADWAY DURING BOTH WORKING AND NON-WORKING CONDITIONS. SEE SCD SHEET 6 FOR WORKING HOURS SETUP.
2. REMOVE OR COVER CONFLICTING SIGNAGE DURING NON-WORKING HOURS.
3. NON-WORKING HOURS SETUP ONLY TO BE USED AS DIRECTED IN PLANS.
4. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOPLINE OR TRAFFIC CONTROL.

SCD 1500 NOTES
1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

ONE WAY MOUNT ON EXISTING POLE UNDER STOP SIGN

ONE WAY MOUNT ON EXISTING POLE UNDER STOP SIGN

MTCHLNE 'A'

MTCHLNE 'A'

MTCHLNE 'B'

MTCHLNE 'B'

MTCHLNE 'C'

MTCHLNE 'C'
NOTES

1. FOR ADDITIONAL NOTES, TABLES, AND SYMBOL LEGEND SEE CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 1500.

2. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.

3. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.

4. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOPLINE OR TRAFFIC CONTROL.
SCD 1500 NOTES

1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

NOTES

1. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOPLINE OR TRAFFIC CONTROL.
SCD 1500 NOTES

1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

NOTES

1. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.

2. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.

3. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
LANE CLOSURES
INTERSECTIONS

SCD 1500 NOTES

1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

NOTES

1. IF TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 540', A DOUBLE REVERSE CURVE SIGN (W24-1) SHOULD BE USED IN PLACE OF INITIAL REVERSE CURVE SIGN AND THE SECOND REVERSE CURVE SIGN SHALL BE OMITTED.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.

3. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.
**SCD 1500 Notes**

1. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

**Notes**

1. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.

3. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.
LEFT LANE CLOSURE, 4-LANE SECTION - FARSIDE

LANE CLOSURES
INTERSECTIONS

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

CITY ENGINEER

9/15/2015

STD DWG
1520

SHT 7 OF 7

SCD 1500 NOTES
1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1.

NOTES
1. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.
2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
3. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.

LEFT LANE CLOSURE, 4-LANE SECTION - FARSIDE

ADVANCE WARNING SIGNAGE
TYPICAL (SEE SCD 1500 NOTE 1)

F.A.P. FLAShING ARROW PANEL TO BE PLACED AT END OF TAPER

KEEP RIGHT R4-7B-18

SIDE ST.

MAINLINE ST.
LANE CLOSURES - CENTRAL BUSINESS DISTRICT

INTERSECTING ONE-WAY, DUAL Turner
RIGHT LANE CLOSURE, FARSIDE WITH RIGHT LANE CLOSED AHEAD
ROAD WORK AHEAD
FLASHING ARROW PANEL TO BE PLACED AT END OF TAPER
FLASING ARROW PANEL TO BE PLACED AT END OF TAPER

SCD 1500 NOTES
1. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500: TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES
1. FOR ADDITIONAL NOTES, TABLES, AND SYMBOL LEGEND SEE CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 1500.
2. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.
LANE CLOSURES - CENTRAL BUSINESS DISTRICT

SCD 1500 NOTES
1A. SEE SCD 1500 NOTE 3. TAPER LENGTHS ARE TO BE CALCULATED USING FORMULAS FROM THE SCD 1500, TABLE 1: TAPER LENGTHS FOR TEMPORARY TRAFFIC CONTROL ZONES.

NOTES
1. FOR CLARITY SOME EXISTING TRAFFIC CONTROL AND LANE USAGE SIGNS ARE INTENTIONALLY NOT SHOWN.
1. The contractor shall install temporary "Emergency No Stopping Anytime" signs mounted on existing utility poles or sign posts, drums or 42" cones. Signs shall have the installation date, working dates and hours of restriction. Signs can be obtained through the public service permit office and must be posted 72 hours prior to any vehicle being towed. If a drive falls within the solid barricade, the contractor shall work with the property owner to provide access. Detours shall be required for all total closures on arterial and collector streets. Residential streets do not require a detour unless otherwise directed by the engineer.

2. For advance warning sign on side street application place sign a maximum of 200' from stopline or traffic control.
1. IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS. USE SOLID TYPE III BARRICADES AT EACH END OF WORK ZONE AND MOVE BARRICADES AS WORK PROGRESSES.

DETOURS SHALL BE REQUIRED FOR ALL TOTAL CLOSURES ON ARTERIAL AND COLLECTOR STREETS. RESIDENTIAL STREETS DO NOT REQUIRE A DETOUR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.
1. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

DETOURS SHALL BE REQUIRED FOR ALL TOTAL CLOSURES ON ARTERIAL AND COLLECTOR STREETS. RESIDENTIAL STREETS DO NOT REQUIRE A DETOUR UNLESS OTHERWISE DIRECTED THE ENGINEER.

2. NO SYMBOLS, TEXT ONLY.
NOTES

1. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

   IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

   DETOURS SHALL BE REQUIRED FOR ALL TOTAL CLOSURES ON ARTERIAL AND COLLECTOR STREETS. RESIDENTIAL STREETS DO NOT REQUIRE A DETOUR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
USE TYPICAL RIGHT LANE CLOSURE SIGNS REQUIRED ON BOTH SIDES OF ONE WAY STREET (SEE SCD 1510 SHEET 1)

1. IF PARKING IS RESTRICTED DURING PEAK HOURS OR IF 24 HR. LANE CLOSURE IS REQUIRED SHOW TYPICAL RIGHT LANE CLOSURE AS PER 1510 SHEET 1.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM 200' FROM STOP LINE OR TRAFFIC CONTROL.

3. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

DETOURS SHALL BE REQUIRED FOR ALL TOTAL CLOSURES ON ARTERIAL AND COLLECTOR STREETS. RESIDENTIAL STREETS DO NOT REQUIRE A DETOUR UNLESS OTHERWISE DIRECTED THE ENGINEER.
NOTES

1. USE SOLID TYPE III BARRICADES AT EACH END OF WORK ZONE AND MOVE BARRICADES AS WORK PROGRESSES.

2. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.

3. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

DETOURS SHALL BE REQUIRED FOR ALL TOTAL CLOSURES ON ARTERIAL AND COLLECTOR STREETS. RESIDENTIAL STREETS DO NOT REQUIRE A DETOUR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
MOVING CLOSURE, THREE WAY INTERSECTION

1. IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

2. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

3. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
NOTES

1. USE SOLID TYPE III BARRICADES AT EACH END OF WORK ZONE AND MOVE BARRICADES AS WORK PROGRESSES.

2. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.

IF A DRIVE FALLS WITHIN THE SOLID BARRICADE, THE CONTRACTOR SHALL WORK WITH THE PROPERTY OWNER TO PROVIDE ACCESS.

3. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
1. THE CONTRACTOR SHALL INSTALL TEMPORARY "EMERGENCY NO STOPPING ANYTIME" SIGNS MOUNTED ON EXISTING UTILITY POLES OR SIGN POSTS, DRUMS OR 42" CONES. SIGNS SHALL HAVE THE INSTALLATION DATE, WORKING DATES AND HOURS OF RESTRICTION. SIGNS CAN BE OBTAINED THROUGH PUBLIC SERVICE PERMIT OFFICE AND MUST BE POSTED 72 HOURS PRIOR TO ANY VEHICLE BEING TOWED.
WORK ZONE NOT TO EXCEED 200' OR HAVE INTERSECTION WITHIN ZONE. ALL DRIVEWAYS WITHIN ZONE SHALL BE MONITORED OR CONTROLLED BY FLAGGER.

TAPER ENDS / TANGENT STARTS

ROAD WORK AHEAD

FLAGGER AHEAD

ONE LANE ROAD AHEAD

W20-7-36

W20-4-36

W20-1-36

ADVANCE WARNING SIGNAGE TYPICAL (SEE SCD 1500 NOTE 1)

NOTES

1. FOR ADDITIONAL NOTES, TABLES, AND SYMBOL LEGEND SEE CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 1500.

2. ON STRAIGHT ROADWAYS WITH SHORT WORK ZONES (50') IN LOW VOLUME SITUATIONS, WHERE THE FLAGGER IS VISIBLE TO ROAD USERS FROM BOTH DIRECTIONS, A SINGLE FLAGGER VISIBLY POSITIONED TO ROAD USERS APPROACHING FROM BOTH DIRECTIONS MAY BE USED.

3. NO SYMBOLS, TEXT ONLY.

4. FLAGGER USING STOP/SLOW PADDLE - SEE OMTCD SECTION 6E.03.
NOTES:
1. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER
2. NO SYMBOLS, TEXT ONLY.
3. LEO FLAGGER SHALL BE USED IN HIGH VOLUME AREAS AS DIRECTED BY ENGINEER.
4. NON-LEO FLAGGER SHALL USE STOP/SLOW PADDLE - SEE OMUTCD SECTION 6E.03.
5. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.
6. MAXIMUM SIGN SPACING IS 100' FROM TRAFFIC CONTROL.
NOTES:
1. USE ONLY IN HIGH VOLUME AREA AS DIRECTED BY ENGINEER.
2. NO SYMBOLS, TEXT ONLY.
3. LEO FLAGGER SHALL BE USED IN HIGH VOLUME AREAS AS DIRECTED BY ENGINEER.
4. NON-LEO FLAGGER SHALL USE STOP/SLOW PADDLE - SEE OMUTCD SECTION 6E.03.
5. FOR ADVANCE WARNING SIGN ON SIDE STREET APPLICATION PLACE SIGN A MAXIMUM OF 200' FROM STOP LINE OR TRAFFIC CONTROL.