Traffic Control

Casey Dix and Pat Keating – Civil Engineer and Traffic Control Maintenance Supervisor

February 27, 2019 and March 6, 2019
Traffic Control

2) Excavation Type Information (continued)

<table>
<thead>
<tr>
<th>Reason for Work:</th>
<th>(describe method and purpose)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City CIP Project #:</th>
<th>(if applies)</th>
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</thead>
</table>

| Application Date: | | Date Work to Start: Finish: |

3) Street Information (complete if any work or staging is being done in a public street for any duration)

<table>
<thead>
<tr>
<th>Contractor Providing Traffic Control:</th>
<th></th>
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</thead>
</table>

(Must be insured with City. Refer to condition 10 of the Standard Permit Conditions Page 3)

| Duration for traffic control to be in place: | □ Hours / □ Days | Start Date: |

| Street(s) upon which traffic control is to be located: | |

<table>
<thead>
<tr>
<th>Select the type of Traffic Control:</th>
<th>□ Complete Closure</th>
<th>□ One Lane Closure*</th>
<th>□ Parking Lane Only Closure*</th>
<th>□ N/A</th>
</tr>
</thead>
</table>

*Suggest Travel/Parking Lane(s) being closed:

| Street Functional Classification Website: | http://tinyurl.com/dotfunctionalclassification |

Use link above to determine functional classification of street upon which work or staging is being done.

<table>
<thead>
<tr>
<th>Select classification (arterial, collector, or local) below:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Arterial (Principal or Minor) – traffic control plan required</td>
<td></td>
</tr>
<tr>
<td>□ Collector – traffic control plan required for 1 lane or complete closures with a duration over 2 hours</td>
<td></td>
</tr>
<tr>
<td>□ Local – traffic control plan required for complete closures with duration of over 48 hours</td>
<td></td>
</tr>
</tbody>
</table>

Refer to SUDAS Standard Specifications Division 8, Section 8030 Temporary Traffic Control for standard traffic control setups. Use link below:

https://iowasudas.org/manus/specifications-manual/division-8-traffic-control

Traffic Control Plan may be required by Traffic Engineering Division for instances other than those mentioned above.

Proper traffic control must be in place REGARDLESS if traffic control plan is required to be reviewed by the City.
Work Window and Duration

**Work Window**
- Expected timeframe work will be conducted in (or permit window)
- We understand schedules can/will change

**Work Duration**
- Expected duration of construction
- Only for Traffic Control
- We understand schedules can/will change

**Traffic Control Provider must be insured with City**
Closure Configuration

- Specify which street(s) closure will be located on
- Closure type at time of application
- Specify which travel direction for lane and parking closures

Street Classification
- Check provided website and/or QR Code
- Select appropriate Street Functional Classification for work location
Functional Classification

**Lower right corner of map**
When to provide a Traffic Control Plan

What’s the **Street Functional Classification**?

What’s your **Closure Type**?

What’s your **Work Duration**?

- Arterial (Principal or Minor) – traffic control plan required
- Collector – traffic control plan required for 1 lane or complete closures with a duration over 2 hours
- Local – traffic control plan required for complete closures with duration of over 48 hours
Traffic Control Plans

Figure 6H-11. Lane Closure on a Two-Lane Road with Low Traffic Volumes (TA-11)

Close North Bound Left Lane on Edgewood Road Bridge

2 Road Work Ahead
1 Left Lane Closed Ahead
1 Merge
1 Arrow Board
12-16 Delineators
Notifications

Call Traffic Engineering Division at least 48 hours in advance of closure

- 319-286-5176 or traffic@cedar-rapids.org
- Notify when reopening occurs

If no notification, 50% Surcharge Fee

2018 Notification Rate:

Closing: 50.7%

Reopening: 3.3%

**Road Closure Map**
Why we set up Traffic Control
Pick Up Signs
Road Closure
Unacceptable Traffic Control Devices
Work Zone Safety Facts
(10 year Averages)
• U.S. work zone fatalities - 830 per year
• Iowa work zone fatalities - 6.8 per year
• 200 injury crashes occur per year in Iowa work zones
• 450 property damage crashes occur per year in Iowa work zones
• 657 total work zone crashes occur per year in Iowa work zones
• 90% of Iowa work zone crash fatalities are motorists
• 10% of Iowa work zone crash fatalities are DOT or contractor workers
• 75% of Iowa work zone crashes are rear-end crashes
Questions?

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