

KANE COUNTY DIVISION OF TRANSPORTATION

UTILITY COORDINATION

The Kane County Division of Transportation (KDOT) Permit Regulations and Access Control Regulations (manual) can be located on our web site at www.co.kane.il.us/dot/permits. Section 3 of the manual pertains to Utility Permits. Also available at the web site are permit applications and Certificate of Insurance examples.

A few items worth noting:

- For major KDOT permit projects, a Utility Relocation Plan Sheet is required to highlight and identify all utilities present within the project limits. After consultation with the appropriate utility company, both existing and proposed utility locations should be shown. Contact names and information for all utilities should be listed on this sheet. A statement from the engineer should be included indicating this info is complete to the best of his/her knowledge.
Utility Permit Application plans are to be submitted as an overlay on the Utility Relocation Plan Sheet. As Utility Permit Applications are received by KDOT, they are forwarded to the project engineer for review. After a favorable review, the engineer stamps the plans "Approved", returns them to KDOT, and the Utility Permit is issued. This process focuses accountability for accuracy directly on the project engineer. While there is an added upfront expense to the project, the probability of a project delay due to a missed utility that requires relocation is greatly diminished.
 - KDOT tracks new utility installations as well as relocations on their GIS mapping system.
 - KDOT requires a permit for all utility work performed within the right of way. KDOT also has a process in place that allows for the issuance of fines for working without a permit.
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KDOT Utility Permit Regulation Guidelines:

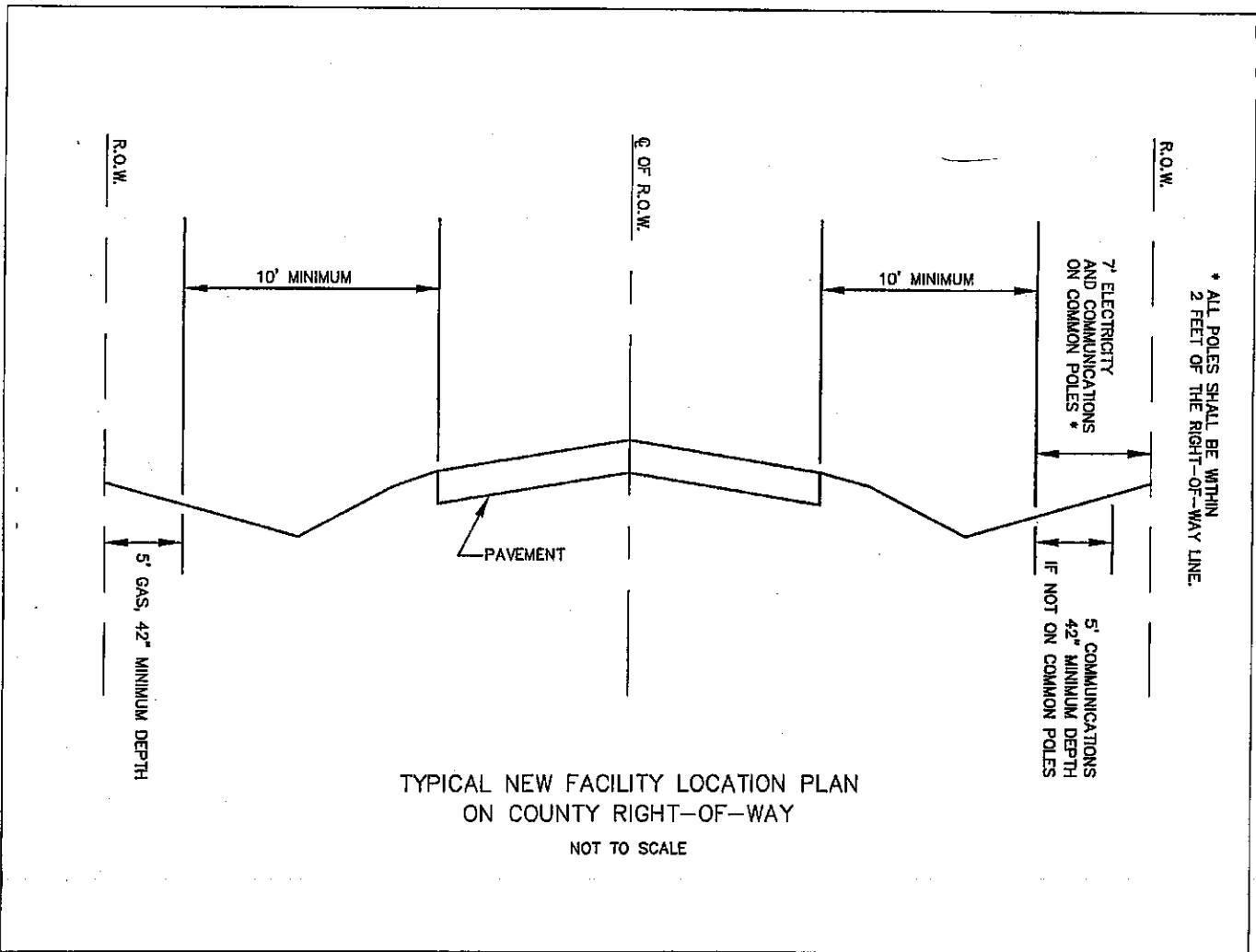
1. NO OPEN CUT of any County Highway or other paved surface within the right-of-way, without written permission from Kane County Division of Transportation.
2. There shall be no lane closure either full or partial however a single shoulder closure will be permitted provided that all IDOT / KDOT standards are met or exceeded.
3. All aerial crossings shall maintain a minimum vertical-line clearance of 20' over the roadway.
4. No equipment that has less than 10 feet of ground clearance will be allowed to be mounted to a utility pole.
5. All underground crossings shall be at 90 degrees to the roadway center line, in a minimum 4 inches conduit and at a depth of not less than 60 inches below the bottom of the ditch lines.
6. All underground installations shall have a minimum of 42 inches of cover.

Lane closure requests are reviewed on a case by case basis. If approved, Regulation Guideline #2 will contain language similar to:

A single lane closure will be permitted between the hours of 9:00 A.M. and 3:00 P.M. provided that all IDOT / KDOT standards are met or exceeded including placement of message boards a minimum of 72 hours in advance of the lane closure, signage, and certified flaggers.

No lane closures will be permitted during inclement weather (snow, ice, fog, etc.) or at the discretion of KDOT.

Whenever possible, KDOT follows the Typical New Facility Location Plan that can be found on page 3-29 of the manual:



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REPAIR DETAIL FOR ALL BURIED PIPE AND UTILITIES UNDER PAVEMENT AND/OR AREAS WITHIN 2 FEET OF SHOULDER.

STEEL PLATE(S) TO BE SET OVER ANY OPEN EXCAVATION
UNTIL PATCH IS COMPLETE AND OPEN TO TRAFFIC.
BARRICADES AND TRAFFIC CONTROL DEVICES PER IDOT
STANDARDS AND/OR PER KDOT POLICY.

BITUMINOUS CONCRETE ASPHALT SURFACE
1) SAW CUT AND REMOVE SURFACE LAYER FOR A 6 INCH
PERIMETER AROUND THE REPAIR.
2) REPLACE THICKNESS IN KIND - COMPACTED TO 93%
COMPACTION BY ROLLER OR SIMILAR VIBRATORY DEVICE.
3) AREAS LARGE ENOUGH TO ACCOMMODATE A ROLLER SHALL BE
COMPACTED WITH A ROLLER AS OPPOSED TO A TAMPING PLATE.
PCC CONCRETE SHALL REQUIRE FULL DEPTH FULL PANEL
REPLACEMENT.

MIN 6"-CA-06 AGGREGATE OR, IF EXISTING LAYER IS THICKER, REPLACE IN KIND
COMPACTED TO 93% DENSITY BY VIBRATORY ROLLER OR TAMPING PLATE.

FLOWABLE FILL-CLSM-IDOT MIX DESIGN- #1 OR 3-PER RECURRING SPECIAL PROVISIONS
IDOT MIX DESIGN-#1-(50# CEMENT, 125# FLY ASH)-0% AIR.
IDOT MIX DESIGN-#3-(40# CEMENT, 125# FLY ASH)-15%-25% AIR.
SEE SPECIAL PROVISIONS FOR TEMPERATURE AND WEATHER CONSTRAINTS.

CA-16 PEA GRAVEL OR FA-5 SAND SELF COMPACTING ISOLATION BARRIER
FILL TO 4"-6" OVER TOP OF UTILITY
FLOWABLE FILL MAY BE USED IN LIEU OF FINE AGGREGATE WITH KDOT APPROVAL

EXISTING UTILITY

