

# **KANE COUNTY DIVISION OF TRANSPORTATION**

## **UTILITY COORDINATION**

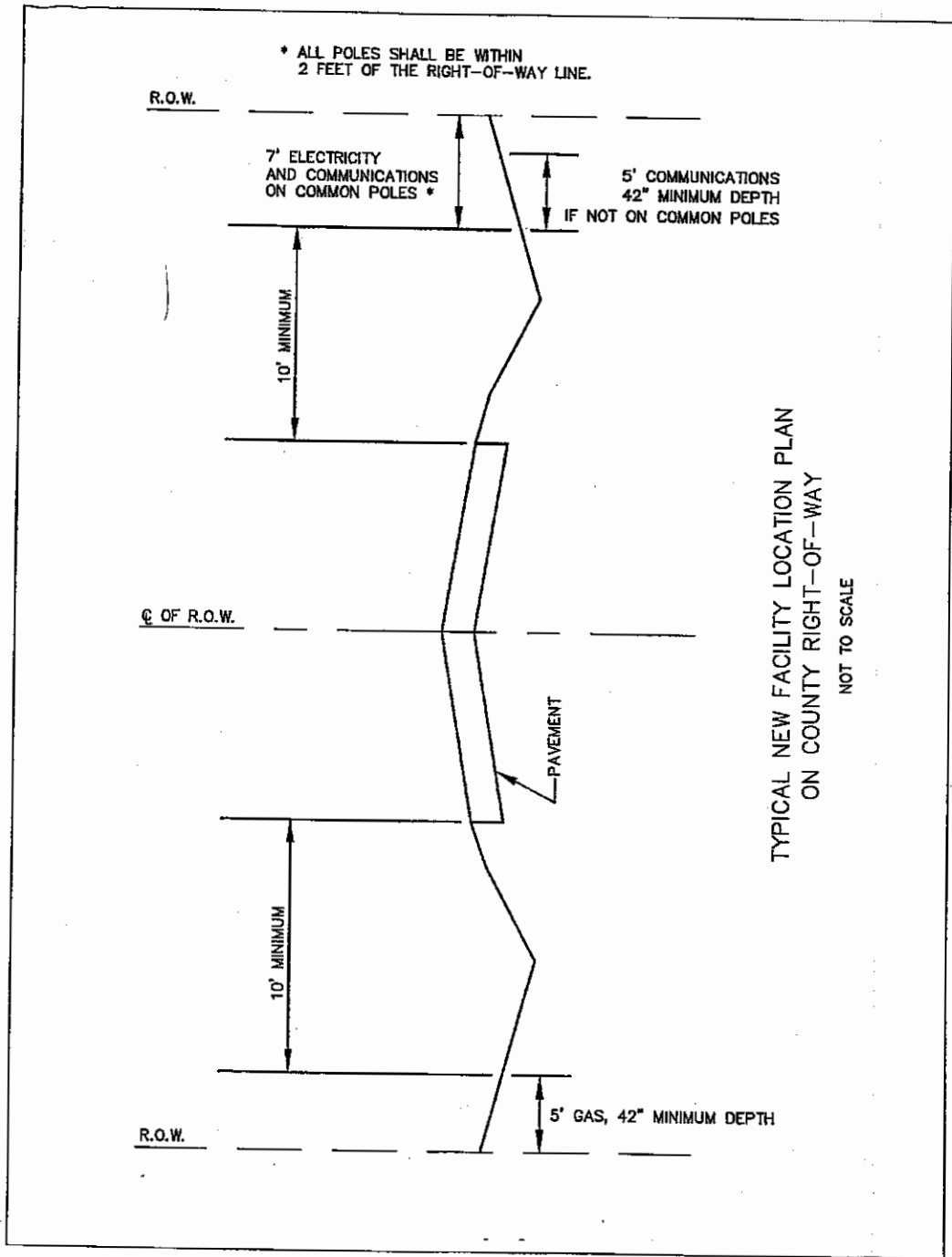
The Kane County Division of Transportation (KDOT) Permit Regulations and Access Control Regulations (manual) can be located on our web site at [www.co.kane.il.us/dot/permits](http://www.co.kane.il.us/dot/permits). Section 3 of the manual pertains to Utility Permits. Also available at the web site are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

## **KDOT CONSTRUCTION NOTES:**

1. **NO OPEN CUT** shall be permitted of any County Highway or other paved surface within the right-of-way of any County Highway without the prior written permission from the Kane County Engineer.
2. **NO LANE CLOSURE(S)** either full or partial shall be permitted. However, a single shoulder closure will be permitted provided that all IDOT/KDOT standards are met or exceeded and the written permission is obtained from KDOT.
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 mounted to any utility or other pole. Guy wires shall be equipped with guy guards for maximum visibility up to an elevation of 10 feet above ground level.
5. All underground crossings shall be at 90 degrees to the roadway center line, in a conduit of a diameter of a minimum of 4 inches and shall be placed at a depth of not less than 60 inches below the bottom of the adjacent drainage ditch lines.
6. All underground cable installations (telecommunications and electric) shall be placed in a conduit of a diameter of a minimum of 4 inches, and all underground installations shall have a minimum of 42 inches of cover.
7. Any open excavation under pavement, within 2 feet of pavement, or within 2 feet of back of curb will be backfilled with an approved CLSM material to subgrade of pavement, then restored to original condition. The PERMITTEE shall notify KDOT at least one working day prior, for inspection during the placement of the material. Any "potholing" of pavement in the County right of way shall require written consent from KDOT. The excavation shall be repaired per the Kane County Division of Transportation Repair Detail for All Buried Pipe and Utilities Under Pavement detail. All restoration shall require KDOT staff on site to inspect materials.
8. All of the Permittee's agents and workers and those of the Permittee's agents shall when within and on the right-of-way of a County Highway be required to, and shall wear high-visibility safety apparel (ANSI Class 2 or 3) per FHWA 23 CFR Part 634.
9. Any CONTRACTOR or SUBCONTRACTOR working within the County Right of Way MUST be listed by the Utility Owner on this permit. Failure to include any contractor may result in a Stop-Work Order and suspension of the Permit and/or Violation Fees assessed to the Utility.
10. Before you dig-Call JULIE 811!



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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

