Right-of-Way Inspections

Vaughn Dougherty and Will Eggert – Right-of-Way Inspectors

February 27, 2019 and March 6, 2019
Permit Totals
(January 1, 2018 – December 31, 2018)

- New Driveway – 280
- Replace Driveway – 245
- New Sidewalk – 55
- Replace Sidewalk – 608
- Private Utilities – 920
- Sewer, Water, Storm Sewer/Drain Tile, and Miscellaneous
  - (1,030 permits previously assigned to other inspectors.)
- Total = 3,138 Permits
Driveway Standards
(New / Reconstruct)

- Flares need to be a minimum 3’. There are instances such as property lines, power poles, etc. that prevent flare requirements. Mailboxes can be relocated.
- 5’ sidewalk bench (excludes ½” expansion on either side).
- 1” expansion at the street needs to be sealed to protect the integrity of the city street.
- Incline of the approach should be between 2% and less than 12%.
- City standard for concrete mix is C3, C4 or M.
- Mix should be from an IDOT Certified Ready Mix Supplier.
Cedar Rapids General Supplemental Specification to SUDAS CR 7030.101

**DETAIL A**

1. Transition the curb height to 0 inches at end of taper/radius or at the front edge of sidewalk. Do not extend raised curb across sidewalk.

2. Pavement thickness:
   - Residential: 6 inches minimum
   - Commercial and industrial: 7 inches minimum

3. Sidewalk thickness through driveway to match thickness of driveway.

4. Match thickness of adjacent roadway, 8 inches minimum.

5. Provide 'E' joint at back of curb unless 'B' joint is specified.

6. For alleys, invert the pavement crown 2% toward center of alley.

7. Target cross slope of 1.5% with a maximum cross slope of 2.0%. If specified in the contract documents, construct the sidewalk through the driveway 5 feet wide to serve as a passing space.
Cedar Rapids General Supplemental Specification to SUDAS CR 7030.102

2. Transition the curb height to 0 inches at end of taper/radius or at the front edge of sidewalk. Do not extend raised curb cross sidewalk.

3. Pavement thickness:
   - Residential: 6 inches minimum.
   - Commercial and industrial: 7 inches minimum.

4. Sidewalk thickness through driveway to match thickness of driveway.

5. If longitudinal joint is located 48 inches or less from the back of curb, extend boxout to joint line. Full depth saw cut is still required.

6. For alleys, invert the pavement crown 2% toward the center of the alley.

7. Target cross slope of 1.5% with a maximum cross slope of 2.0%. If specified in the contract documents, construct the sidewalk through the driveway 5 feet wide to serve as a passing space.

8. If cross slope of adjacent sidewalk panel exceeds 2.0%, remove and replace to transition from existing sidewalk to sidewalk through driveway. If the elevation change requires a curb ramp, comply with Figure CR 7030.205; verify need for detectable warning panel with Engineer.
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Sidewalks

• The goal of the City’s sidewalk program is to make the sidewalk smooth and walkable.
• City sidewalk cross slope target is 1.5%, but can **NOT** exceed 2%.
• City standard for concrete mix is C3, C4 or M. Mix must be from an IDOT Certified Ready Mix Supplier.
• Form width, verify your width in between your forms (4’ is 4’……5’ is 5’).
Inspections

- Everyone MUST have the approved permit while working within the City right-of-way. ANYONE with the City may stop and ask to see it.
• Make sure the permit the City approved **ALWAYS** matches the work you’re doing.
  • Example: Contractor indicated he was replacing sidewalk only but he also replaced the approach and driveway, **DO NOT do this!**
• Standard core hole – Utility Installation in Paved Roadways Detail

• 12-Inch core hole poured back with M-Mix
Right-of-Way Must be Restored

- Debris left after job completion
- Poor Clean Up / Restoration
Right-of-Way Must be Restored

- Trip Hazard
- Core settled after being re-inserted
Working Without a Permit

- Working Without a Permit, you will be **DOUBLE** fined the Entire Cost of the Permit
  i.e. Permit = $125, **WITH** the Double Fine = $250
Thank You!

Questions?

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