

**CONTRACTOR EDUCATION MEETING FOR WORK IN CITY ROW  
23 FEBRUARY AND 2 MARCH 2017  
UPDATES TO STANDARD DETAIL 2200-050  
UTILITY INSTALLATION UNDER HARD SURFACE ROADWAYS  
PIPE TRENCH WORK AND SURFACE RESTORATION**

**INTRODUCTION**

- Standard Detail 2200-050 was developed in March 2015 and adopted Summer 2015.
- Based on an Iowa Highway Research Board research project conducted by Iowa State University on trenches constructed by city public works and utilities department crews in Ames, IA and in Cedar Rapids, IA
- Purpose of Detail
  - Provide contractors with options for trench construction in varying soils conditions and with goal of reducing trench wall settlement.
  - Provide guidelines for restoration of various pavement types commonly found in Cedar Rapids.

**DIFFERENCES BETWEEN REVISED AND ORIGINAL VERSIONS OF DETAIL**

- Detailed in attached cover letter sent with revised detail in January 2017.
- Main differences
  - Typical details for concrete pavement jointing added (Sheet 7 of 8). We recognize the typicals do not necessarily address all situations. Contact us if you have questions.
  - Requirements for replacement asphalt mix updated to match current Iowa DOT standards (Note 10, Sheet 1 of 8).
  - Allowable concrete mixes and admixtures specified (Note 11, Sheet 1 of 8).
  - References for temperature and weather restrictions for concrete placement, and cold-weather protection for newly placed concrete added (Notes 12 and 13, Sheet 1 of 8).
  - Restriction on winter placement of permanent surfaces and requirements for temporary surfaces added. Dates match Iowa DOT standards (Note 14, Sheet 1 of 8).
  - Requirements for pavement restoration after “potholing” added (Note 15, Sheet 1 of 8).
  - Plan view showing removal limits extending past centerline joint in concrete pavement added (Sheet 4 of 8).
  - Details for temporary surface options added (Sheet 8 of 8).

**SUMMARY**

- Revision No. 1 becomes official on 6 March 2017
- The original version still applies for work quoted prior to 6 March 2017. Please provide City ROW staff a copy of your quote.

**QUESTIONS?**

**THANK YOU FOR YOUR TIME**