

## **SECTION 01580 – PROJECT SIGNS**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

- A. Contractor shall provide all material, labor and equipment necessary for the fabrication, printing and installation of Project signs.
- B. This section covers project sign requirements for all Kansas City, Missouri - Water Services Department projects. Project sign requirements include the following:
  - 1. Project identification sign description.
  - 2. Project sign installation.
  - 3. Maintenance and removal of Project sign.
  - 4. Printing of signs.
  - 5. Installation of signs.

#### **1.02 SPECIFICATION MODIFICATIONS**

- A. It is understood that throughout this section these Specifications may be modified by appropriate items in Section 01015 – Specific Project Requirements or as otherwise indicated on the Drawings.

#### **1.03 RELATED SECTIONS**

- A. Section 01015 – Specific Project Requirements.
- B. Section 01300 – Submittals.
- C. Section 01581 – Public Communications.

#### **1.04 INFORMATION PROVIDED BY THE CITY**

- A. City shall provide the graphic design templates of the Project sign in an electronic format to be used in the printing process.

#### **1.05 SUBMITTALS**

- A. Submit as specified in Section 01300 – Submittals.
- B. Shop Drawings (not used).
- C. Product Data (not used).
- D. Samples.
- E. Other:
  - 1. Project Sign Locations – submit for review and approval a map of the Project area of marked up Drawings showing the location and orientation of each project sign.
  - 2. Submit for review and approval notifications to homeowners and business adjacent to the location of the Project signs.
  - 3. Re-use of Placards – if the Contractor has salvaged placards from previous projects, they may be re-used if in good condition, there are no changes to the information included on the sign and approved by the City. Submit color photographs that accurately show the condition of each placard to be re-used for review and approval.

## PART 2 - PRODUCTS

### 2.01 PRINTERS

- A. A list of printing companies that have previous experience with printing signs for the City are included in Section 01015 – Specific Project Requirements.

### 2.02 FRAME

- A. Metal frame and hardware shall be in conformance with Water Services standard detail D-20142 – Installation Detail for Project Signs (see Figure 3).

### 2.03 PLACARDS

- A. Upper Placard Size – 6 feet wide by 4 feet tall.
- B. Lower Placard Size – 6 feet wide by 1 foot tall.
- C. Material – Coroplast® corrugated plastic sheeting or approved equal.
- D. Sheeting Thickness – ½ inch.
- E. Sheeting Color – white.
- F. Print Method – direct to Coroplast® with outdoor UV laminate coating.

### 2.04 PLACARD CONTENT

- A. Construction Phase Upper Placard – for each Project sign the Contractor shall provide an upper placard which will be displayed through construction. An example of the Construction Phase Upper Placard is shown in Figure 1.
- B. Post-Construction Phase Upper Placard – for each Project sign the Contractor shall provide an upper placard which will be displayed post construction. An example of the Construction Phase Upper Placard is shown in Figure 2.
- C. Lower Placard – for each Project sign, the Contractor shall provide a lower placard. Examples of the Lower Placard are shown in Figures 1 and 2.
- D. The City will provide digital files for all placards and graphic images.

### 2.05 NUMBER OF SIGNS TO BE PROVIDED

- A. The number of project signs to be provided is defined in Section 01015 – Specific Project Requirements. Each Project sign includes the following:
  - 1. One (1) Construction Phase Upper Placard to be displayed during construction.
  - 2. One (1) Post-Construction Phase Upper Placard to be displayed after completion of the Work.
  - 3. One (1) Lower Placard to be displayed during construction and post-construction.
  - 4. Cost associated with printing of placards.
- B. Frame as shown in Water Services standard detail D-20142 – Installation Detail for Project Signs (see Figure 3).

## PART 3 - EXECUTION

### 3.01 INSTALATION AND PLACEMENT OF SIGNS

- A. Installation – Project signs shall be fabricated and installed in accordance with Water Services standard detail D-20142 – Installation Detail for Project Signs (see Figure 3).

- B. Location – Project signs shall be located within the Site as defined by Section 00700 General Conditions. Project signs shall be erected in a conspicuous place but shall not interfere with the vision of pedestrian or vehicular traffic such as to create a hazard. Signs shall be located in the public right of way or in an easement acquired for the Project. Locations of the signs shall be coordinated with the City prior to installation and submitted accordance with paragraph 1.05 SUBMITTALS.
- C. Notifications – the Contractor shall notify any homeowners or businesses adjacent to the location of the signs at least three (3) days prior to erecting signs.
- D. Project sign(s) shall be erected not less than two (2) days before the start of construction activities. No construction activities are allowed until the Project signs are erected.
- E. Project signs shall remain in place for the duration of the Project and shall be maintained in a true, plumb and neat condition.

### 3.02 REPLACEMENT OF UPPER PLACARDS

- A. Upon completion of the Work and at the direction by the City, the Contractor shall remove the Construction Phase Upper Placard (Figure 1) on all Project signs and replace them with the Post-Construction Upper Placard (Figure 2).
- B. The Lower Placards are to remain in place.

### 3.03 REMOVAL OF PROJECT SIGNS

- A. All Project signs shall be maintained for thirty (30) calendar days after completion of the Work or as otherwise directed by the City.
- B. Contractor shall remove all Project signs and restore the area disturbed by construction activities.
- C. Project signs shall be removed from the Project areas and will become property of the Contractor.
- D. The Contractor may dispose of Project signs or salvage and reuse them on future City projects. The City will assess the condition of the signs and determine the appropriateness of reuse.
- E. Within three (3) days of the removal of signs, Contractor shall provide the City written notice that all Project signs have been removed from the Site.

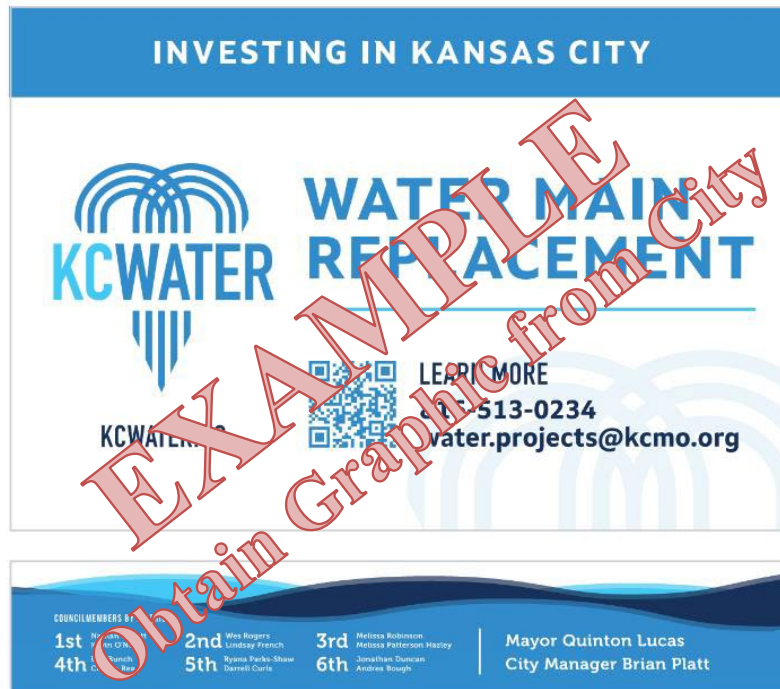


Figure 1: Construction phase upper and lower placard



Figure 2 – Post Construction Placard

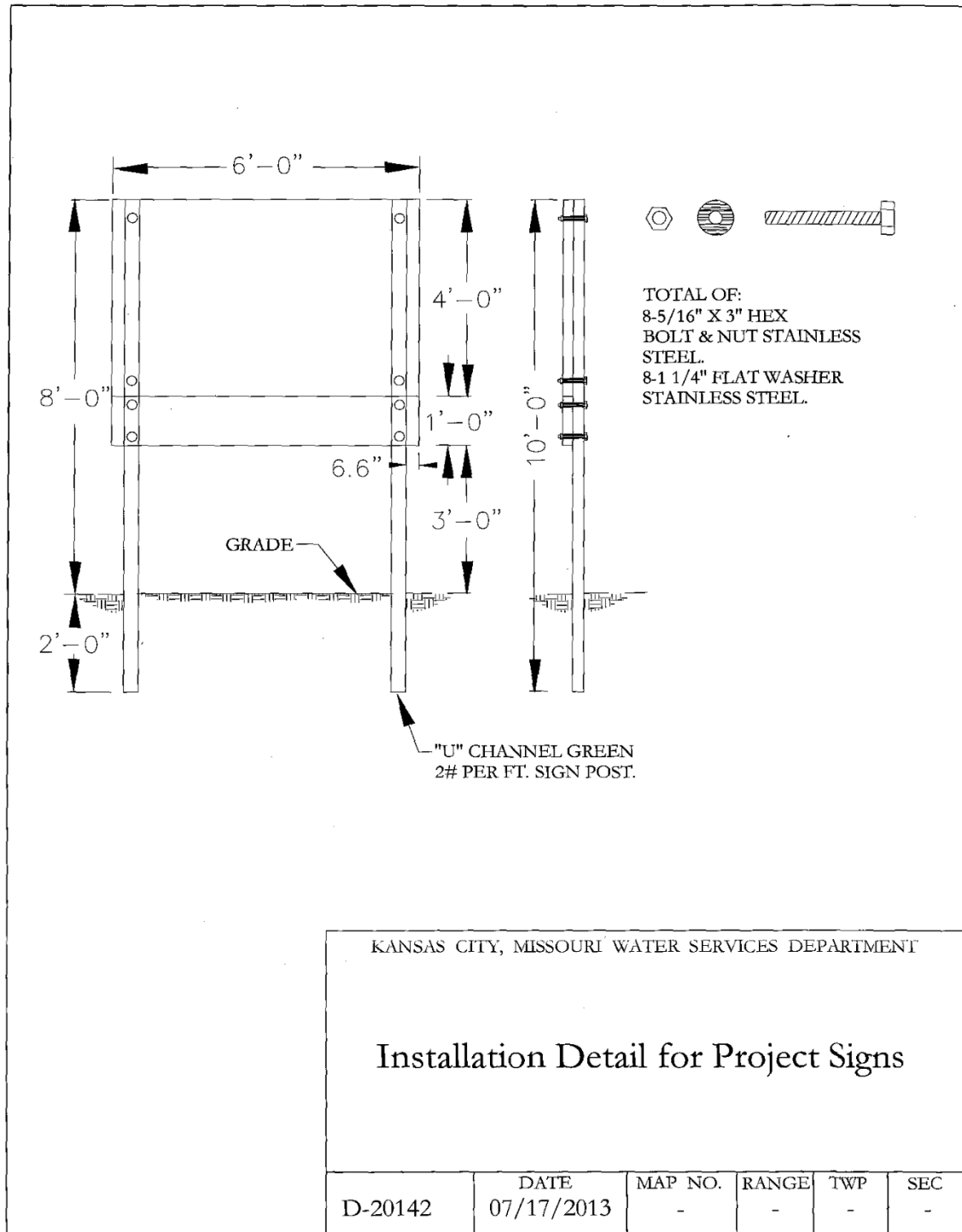


Figure 3 – Installation Detail for Project Signs

END OF SECTION