City of Rochester Construction Impacts Web Map Application: Instructions and Definitions

Last updated 7/9/2020

The information provided below is available via the About/Instructions button and the Definitions button within the Construction Impacts interactive web map application.

About/Instructions:

This interactive web map application is intended to inform the public of major impacts to roads, pedestrian facilities, and parking, as well as to provide general information on City of Rochester (City) sponsored projects. Through this application users can "zoom into" an area and view basic details of a project including, but not limited to: (a) project name, (b) major impact type, (c) estimated start and end dates, (d) contact information, and (e) project details. In addition, links to Public Service Announcements (PSAs) and project summary sheets will be provided, if available.

Project information shown within this application is not real-time. Information shall be updated weekly by City teammates, as best as staffing resource capacity allows. Future projects and completed projects are also viewable within this application but are switched off, by default.

Version 1.0 of this application focuses on City projects occurring within the downtown area. Projects outside of the downtown area will also continue to be added as the content of the application grows.

Version 1.0 does not provide information on private projects that are occurring throughout the community. Private project information will be added in the next version, as information is currently being compiled and formatted.

Map Navigation and Project Information:

1. Navigate to the desired project location on the map by panning to the location or using the “+” and “-” buttons to zoom in to the desired scale, or click on the “My Location” button to zoom the map to your current physical location (i.e. if using via a location enabled mobile device).
2. Click on the project area of interest to open the pop-up window to view applicable site details.

3. Click on the “PSA URL” or “Other URL” links in the pop-up window, if populated. This will open Public Service Announcement (PSA) web page, and/or project summary sheet documents containing detailed information for the selected project(s). *Please note: not every project will have this information.*

4. With project-specific questions please contact the Project Manager listed in the pop-up, or call 507-328-2400 to be directed to the applicable contact(s).

**Web Map Application Tools**

To provide additional information and functionality to this application a number of tools have been added. Please follow the instructions below to use each tool.

1. **Search:** type in desired address to navigate to a particular location.

2. **Legend:** click on this button to see which layers are currently turned on in the application, and to see how to interpret the layer symbols.
3. **Layer(s):** click on this button to turn layers on and off. By default only projects in progress are turned on. Projects that are planned or completed can be turned on, if desired, by checking the layer.

4. **Bookmarks:** click this button to see available map bookmarks. Click on the desired bookmark (i.e. City of Rochester or Downtown Rochester) to zoom the map to that location.
5. **Print**: click this button to generate a simple map document of the area of interest. Set the map title, layout orientation, and format. Click the Advanced button for additional map settings, if desired. *Please note: if an error message is received when generating the print document try clearing the previous prints.*

![Print Button]

6. **Measurement**: click this button to measure areas, lengths, or find coordinates of a location. Use the drop-down to change desired unit type.

![Measurement Buttons]

**Definitions:**

Within the layers of this interactive map application a number of terms are used. Please refer to the definitions below.

**Unplanned/Emergency Impacts**: This layer is designed to show general locations of unexpected, sudden impacts. For example, the location of a water main break that impacts road travel. These impacts are unplanned/unpermitted.
Construction Impacts (COR projects, active): This layer is designed to show general impact locations for City of Rochester projects that are currently in progress. Impacts are symbolized by the kind of construction impact anticipated.

Construction Impacts Kind: refers to the kind of impact to the feature (i.e. road, pedestrian facility, parking spaces). Four major kinds of impacts are being tracked for the purpose of this application:

1. **Closed**: full closure of a travel corridor. No through traffic with exceptions for local access to residential homes or properties with only one exit/entrance if temporary access cannot be accommodated.
2. **Partially Closed**: traffic is still moving through this corridor but movement is reduced (i.e. closure of lanes, sidewalks, etc.). This may include streets that are closed to through traffic (i.e. dead ends).
3. **Work/Warning**: warning that work is being done in the area and closures (full or partial) may occur. Individual construction phases within these corridors are not specifically identified. Duration of the impact is relatively short.
4. **Detour**: represents long-term detour routes.

Construction Impacts (COR projects, future): This layer is designed to show general impact locations for City of Rochester projects that are planned/scheduled to begin in the near future. Once a project has started construction, and major impacts are being experienced, it will be moved to the “active” layer.

Completed COR Construction Projects: This layer is designed to show locations for City of Rochester projects, or segments of projects, that have been completed (i.e. no more impacts to the public expected).

Jurisdiction: refers to the general owner type of a project. For the purpose of this application jurisdiction types consist of: City jurisdiction (i.e. City of Rochester Public Works, City of Rochester Administration, City of Rochester Parks & Recreation, etc.), or Private jurisdiction (all non-City organizations such a private businesses, Mayo Clinic, etc.).
Major Impact Type(s): refers to the type of impact that may be experienced by those in the project area. Projects may result in one type of impact or a combination of multiple types. While other types of impacts may be experienced, three major types are being tracked for the purpose of this application:

1. Road Impacts: project is impacting roads/traffic lanes;
2. Pedestrian Impacts: project is impacting pedestrian facilities (i.e. sidewalks and/or trails);
3. Parking Impacts: project is impacting parking.

Reference Number: may refer to the internal City of Rochester project number or other reference numbers (i.e. permit number), if applicable.

Contact: refers to the primary contact for the project. May consist of the project manager, construction manager, or communications representative.

What to Expect: refers to the abbreviated details/summary describing the impact(s) or type of work being done.

With questions or issues using the web map application please contact:
City of Rochester Public Works Department
507-328-2400
Mon-Fri 8:00 am to 5:00 pm