

PROWAP deliverables

Public Right-of-Way Assessment Process

final product

When we finish the assessment of your sidewalk infrastructure, you will have completed the physical portion of the self-evaluation process for the development of your agency's transition plan. You will be able to import the data into your GIS database, giving you a complete layer of geo-referenced data for your management and planning needs. From there you will be able to further analyze the data and use it to create your transition plan in order to meet ADA accessibility requirements.

features and stations

The Public Right-of-Way Assessment Process (PROWAP) is performed by collecting objective sidewalk data according to two categories: features and stations. All final data is grouped into one of these two categories. Features represent specific points along the path of travel, while stations, though recorded at one point, represent line segments of the path of travel. When exported as spatial data for GIS use, features are converted to point data and stations are converted to line data.



feature

A feature is a single component of the public right-of-way that describes a transition, a hazard, or an object within the path of travel. Feature design requirements are specified by the ADA Standards and the Public Right-of-Way Accessibility Guidelines (PROWAG).



station

A station represents a group of sidewalk data attributes for a specific segment of the path of travel. When a new feature is collected or a sidewalk attribute changes, such as grade, cross slope, tread width, or surface condition, a new station is recorded.

the **deliverables**

file formats

The PROWAP assessment data can be provided in any of the following standard file formats. These files provide all data necessary to develop a transition plan, providing detailed, objective, and spatial information of all assessed features and paths of travel. Rather than mere compliant/non-compliant designations, PROWAP provides comprehensive data that can be evaluated according to various and changing accessibility requirements. Additional deliverables may be possible and can be discussed before commencement of the project. Such deliverables could include detailed area maps or a transition plan report, disclosing all non-compliant issues, along with standards reference, prioritization, and recommended actions.



Excel Files

Our assessment process produces Microsoft Excel files of collected feature and station data that can be queried for compliance with the Public Right-of-Way Accessibility Guidelines (PROWAG) or the California Building Code (CBC). These Excel files can also be imported into any GIS database and easily manipulated for management needs and transition plan development. An additional data definitions file is also included, providing helpful descriptions of each tab for both the feature and station Excel files.



Spatial Files

After the data is compiled in Microsoft Excel, the files are then formatted with a spatial element and exported as shapefiles or geodatabases for use in GIS applications. Features are converted to point data; stations are converted to line data. The spatial data can then be utilized to provide any type of visual display, thus simplifying the data analysis and management. Additionally, custom symbol sets and symbolization for features and standard breaks for path of travel attributes can also be provided.



PDF Files

We can also produce additional PDF map files generated by ArcGIS to help visualize and illustrate the collected data. For example, compliant portions of sidewalk can be located by highlighting sidewalks with a grade less than or equal to 5%, a cross slope less than or equal to 2.1%, and a tread width greater than or equal to 48 inches. Features and compliance status can be displayed by means of visual variables such as color, line weight, or symbol shape for quick identification of sidewalk problem areas.



Image Files

Clear communication between the assessment team, management, and the maintenance crew is essential. A single image of a feature enables staff to estimate time, material, and cost beforehand, as well as locate and identify the specific feature in the field. Feature images also enable further assessment review after the project is finished. Station images can also help to identify entire sidewalk conditions, aid in navigation, and display the path of travel that was followed during the assessment process.

contact us today to schedule a PROWAP sidewalk assessment

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designing beyond the norm to meet the needs of all people