

2007 SIDEWALK ASSET AND CURB RAMP INVENTORY

Update on Data Collection

September 14, 2007

In 2007, SDOT contracted with HWA Geosciences/Perteet Engineers to conduct a sidewalk and curb ramp inventory for all City of Seattle streets to record the following information:

For improved block faces (those containing paved sidewalk surfaces over more than half of the total length of the segment):

- curb ramp types and orientations
- sidewalk surface type
- curb type
- sidewalk surface width
- filler* type
- filler* width
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*Filler refers to the area between the edge of the sidewalk and the edge of the curb.

For unimproved block faces (those containing paved sidewalk surfaces over less than half of the total length of the segment):

- curb ramp types if ramps were present
- curb type if one was present

One photo was taken of each block-face segment. Information was collected on a block face basis (i.e. one side of each block from street intersection to street intersection). The City has already defined a unique identifier for each block face for which data was acquired.

Field data was collected using durable personal digital assistants (PDAs) with GIS software, a GPS unit for field positioning and a digital camera to record site photos. All of this information was compiled in a single electronic database.

The field teams also performed quality assurance/quality control work for a percentage of the block segments to confirm that data quality was high and to catch and correct inconsistencies in interpretation between field personnel.

When complete, the sidewalk and curb ramp inventory will be accessed with ArcGIS and will be a tremendous project planning, design and maintenance resource for the City.

Schedule Highlights

Task	Timeline
Project Kick-off	April 2007
Data Collection	May-August 2007
Quality Control/Quality Assurance	September 2007
Analysis Conducted	October 2007
Present analysis to elected officials, the Seattle Pedestrian Advisory Board and the Pedestrian Master Plan Advisory Group.	November 2007