Sidewalk Inventory and Analysis for the City of Ogdensburg’s Complete Streets Program

Clarkson University Construction Engineering Management Consulting Group

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Funded in part by the Health Initiative of New York
Purpose

To inventory existing pedestrian facilities near the downtown core
   - Sidewalks
   - Curb Ramps
   - Crosswalks
   - Pedestrian Signals

Work Area
   - Patterson Street to Ford Ave.
   - Route 37 to Riverside Avenue
   - City owned parcels (parks)
Methodology

Create GIS database with layers and domains for each feature
Upload to cloud based server and deploy to Field Collection hardware (Ipads)
2 Students collected data by walking during summer of 2018
Map production and analysis late summer / early fall 2018
Final Deliverables handed over October 2018
Poor Condition Sidewalks

Excellent Condition Sidewalk
Excellent Condition Curb Ramp

“Needs Replacement” Condition Curb Ramp
Poor Condition Crosswalk

Excellent Condition Crosswalk
Fair Condition Signal Button

Excellent Condition Signal Button
Results and Recommendations

Delivered Digital GIS Files to City and DANC for use in future planning

Delivered Printed Set of Completed Maps

Digital Photos attached to each feature collected and timestamped

Features Collected:
- Over 35 Miles of Sidewalk
- 93 Crosswalks
- 25 Pedestrian Signals
- 889 Curb Ramps
- 198 Intersection Photos

Date Taken: 6/14/2018 10:55 AM
Thank You!
Any Questions?