

This document is a Statement of Work.

Project title: Urban Sidewalk Quality Analysis via Satellite Imagery

Objectives:

- Objective 1: Develop a robust Computer Vision model to segment sidewalks from satellite imagery with high precision.
- Objective 2: Create a "Quality Score" algorithm that factors in surface integrity, width, and accessibility.
- Objective 3: Deliver an interactive GIS layer showing sidewalk conditions across 5 US cities.

People:

- Project Sponsor: Microsoft Director of Urban AI.
- Work Authority: Lead Geospatial Engineer, Microsoft.
- Contractor: John Smith, Software Engineer.
- Stakeholders: City Planning Departments (Advisory), Microsoft Sustainability Team.