



Kingston Intersection Study

I-587 AT ALBANY AVENUE/BROADWAY INTERSECTION



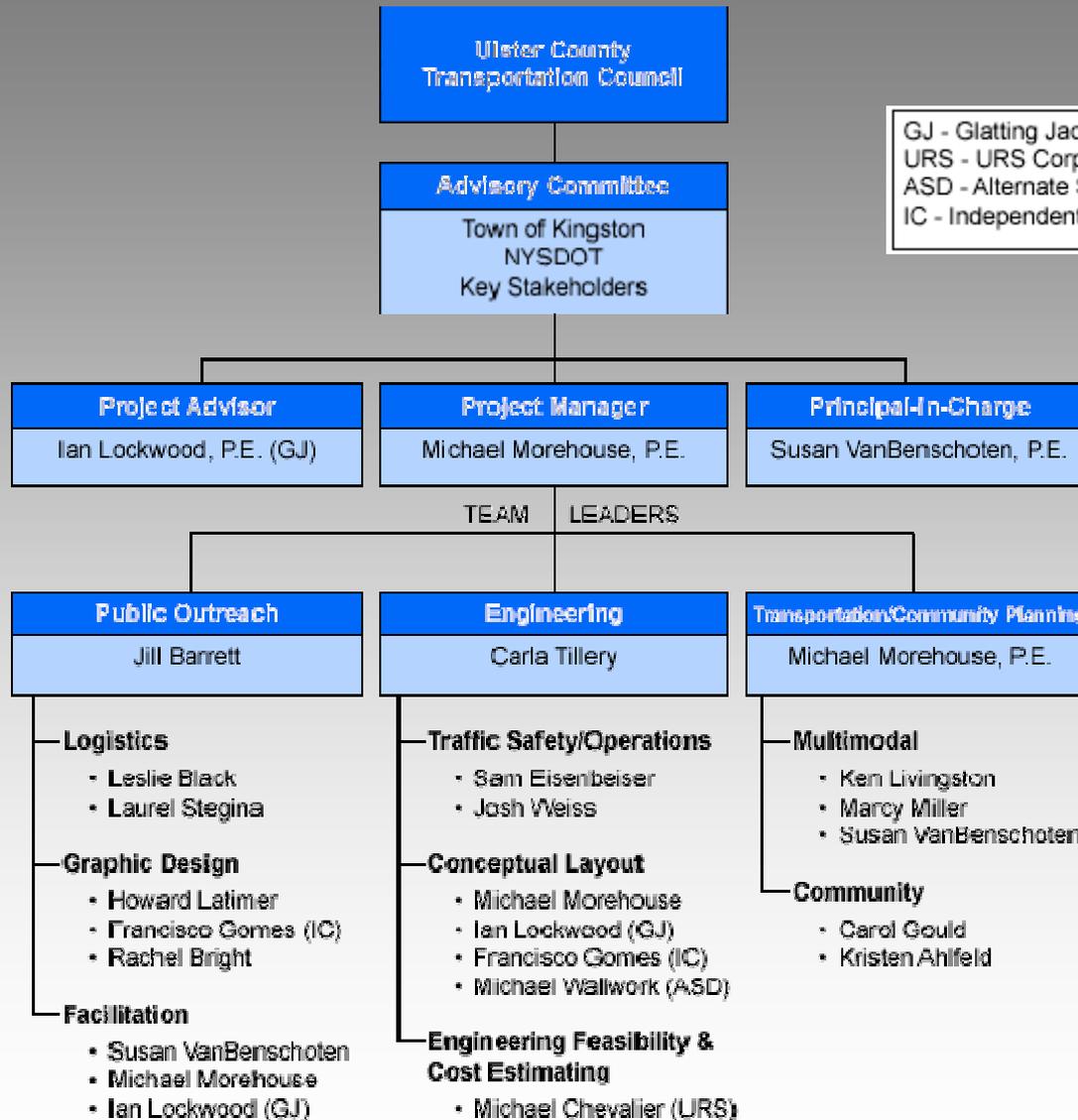
Introductions

Study Team

- Fitzgerald and Halliday, Inc.
- Glatting Jackson – now AECOM
- Alternate Street Design
- URS Corporation
- Francisco Gomes – now with FHI!



Project Organization



GJ - Glatting Jackson
 URS - URS Corporation
 ASD - Alternate Street Design, P.A.
 IC - Independent Consultant



Study Area



Traffic



Bicycle Accommodation



Urban Context



Pedestrian Environment



UCTC Objectives

- ✓ Reduce vehicle and pedestrian delays
- ✓ Improve vehicular and pedestrian safety
- ✓ Minimize impacts to area residents and businesses
- ✓ Preserve parking capacity
- ✓ Improve freight mobility
- ✓ Enhance economic vitality
- ✓ Incorporate energy efficiencies/green technologies
- ✓ Improve gateway appearance
- ✓ Visualize options using ground-level photographic simulation
- ✓ Protect the historical character of the area
- ✓ Keep the Public informed and involved



Broad Goals

- Safety and Operations
- Community and Quality of Life
- Economic Vitality
- Build Consensus on Solution
- Others?



An Integrated Approach

- Task 1: Project Management, Administration, And Public Input
- Task 2: Project Discovery
- Task 3 – Generative Concept Development
- Task 4 - Draft And Discuss Intersection Improvement Plan



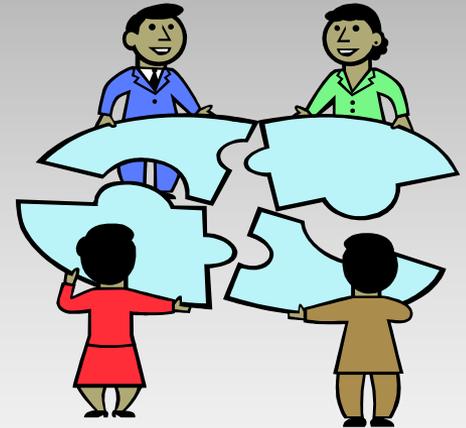
Project Discovery

- Study Area Base Mapping
- Transportation Data Acquisition
- Land Use, Community and Environmental Data Acquisition
- Existing Traffic Volume Networks
- Baseline Traffic Operations Analysis
- Future Traffic Operations Analysis
- Crash Analysis
- Roadway and Geometrics Review
- Pedestrian and Bicycle Network Assessment
- Qualitative ADA Compliance Review



Collaborative Workshop

- Cornerstone of the study
- “On-location” ...highly visible
- Public open house
- Focused work effort
- Receive input / develop a shared vocabulary



3-Day Workshop Agenda

Day 1

Discovery Day

- **AC Meeting**
- Stakeholder interviews
- Starter ideas
- Screening
- **Public Meeting #1 (Visioning)**

Day 2

Design Day

- Refine and focus ideas
- **Discussion with AC/key stakeholders**
- Sketch and analyze concepts
- **Open house for public**

Day 3

Production Day

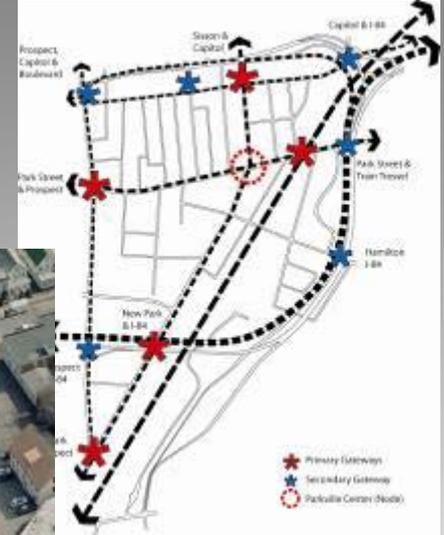
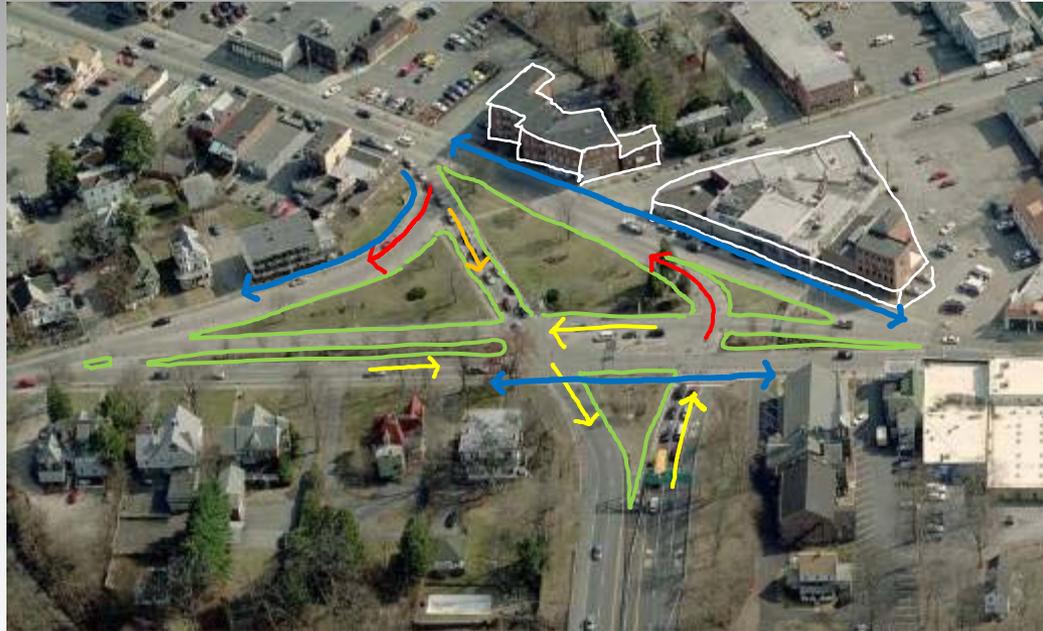
- Concept development
- Operations analysis
- Design options
- Visualizations
- Costs



Mapping



Concept Development



Concept Design



Concept Rendering



Intersection Improvement Plan

- Highway and Intersection Improvements
- Traffic Operations Analysis:
- Safety Improvements
- Transit, Freight, Bicycle, and Pedestrian Accommodation
- Traffic Calming, Streetscape, and Landscape Recommendations
- Parking Accommodation
- Right-of-Way Impacts
- Preliminary Assessment of Environmental Issues
- Visualization of Proposed Transportation Improvements
- Energy Efficiency and Green Design Elements
- Conceptual Cost Estimates



Preliminary Schedule

- Task 1 - Ongoing
- Task 2 – April through early June
- Task 3 – Late June
- Task 4 – July through November

Subject to approval by UCTC



Visioning Exercise

In order for the project team to better understand your goals, vision, priorities, concerns, and ideas for the study area, a series of prompt questions have been developed.

Please take 10 minutes to review these questions and jot down your thoughts. We will then discuss each of these as a group.



Extra Slides



Data Collection

- Transportation Data Acquisition
- Currently Planned or Programmed Roadway Improvements
- Signal Plans
- Existing Traffic Volumes
- Existing ADT Volumes
- Crash Data
- Signing and Pavement Marking Database
- Inventory of Parking and Other Traffic Control Devices
- Pedestrian/Bicycle Network Data Collection
- Transit
- Freight
- Inventory Existing Land Uses
- Community Appearance and Design
- Environmental Factors

