

PUBLIC INFORMATION MEETING TOWN OF LLOYD



Tillson Avenue
Route 9W to Vineyard Ave. (Route 44/55)
PIN 8757.81

June 1, 2011

Project Team

- Town of Lloyd
- NYSDOT
- FHWA
- Local Community
- Barton & Loguidice, P.C.

Project Objectives

- Reconfigure and reconstruct the existing Tillson Avenue intersection with Toc Drive and Route 44/55 (Vineyard Avenue).
- Replace the existing culvert carrying Tillson Avenue over the Twaalfskill Creek.
- Provide multi-modal accommodations for pedestrians and bicyclists

Project Funding

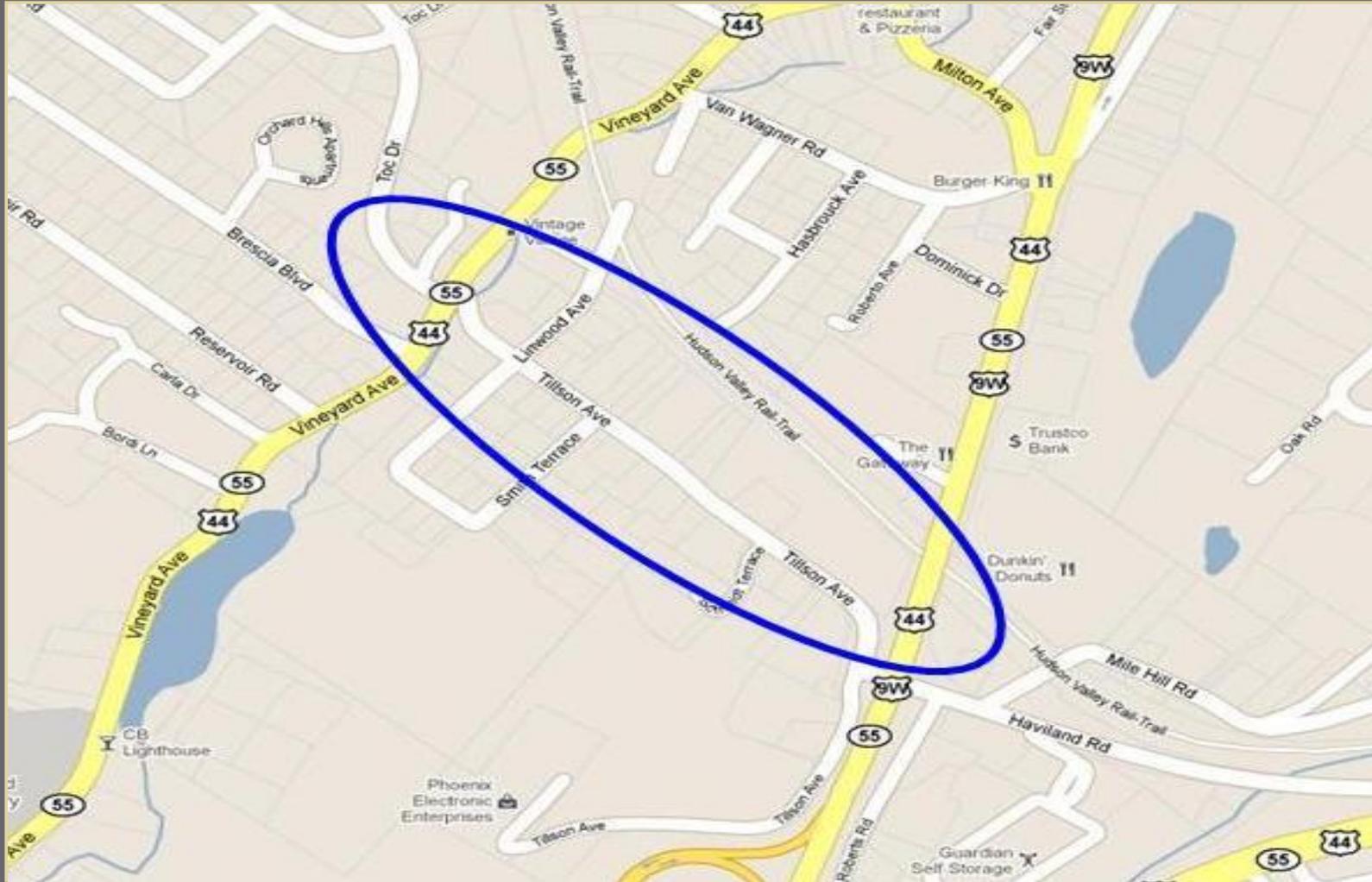
Locally Administered Federal Aid Project

Surface Transportation Program

\$3.918 Million

- **Federal (80%)**
 - *\$3.134 Million*
- **State (15%)**
 - *\$0.588 Million*
- **Local (5%)**
 - *\$196,000*

Project Limits



Project Phases

- **Data Collection**
 - Background History, Site Meetings w/ Owners
 - Traffic Volumes, Crash History
- **Preliminary Design**
 - Project Objectives & Design Criteria
 - Design Alternatives & Cost Estimates
 - Cultural & Environmental Impacts
- **Public Input and Participation**
 - Stakeholder Input
- **Final Design, Advertising, Award**
- **Construction Support and Inspection**

Key Existing Features

- **Offset Intersections – Tillson/Toc**
- **Tillson Avenue Steep Grade**
- **Interface with Local Business and Residential Properties**
- **Existing Twaalfskill Culvert**
- **Utilities**
- **Stormwater Control**
- **Pedestrian Needs**
- **Bicycle Facilities**

Existing Conditions

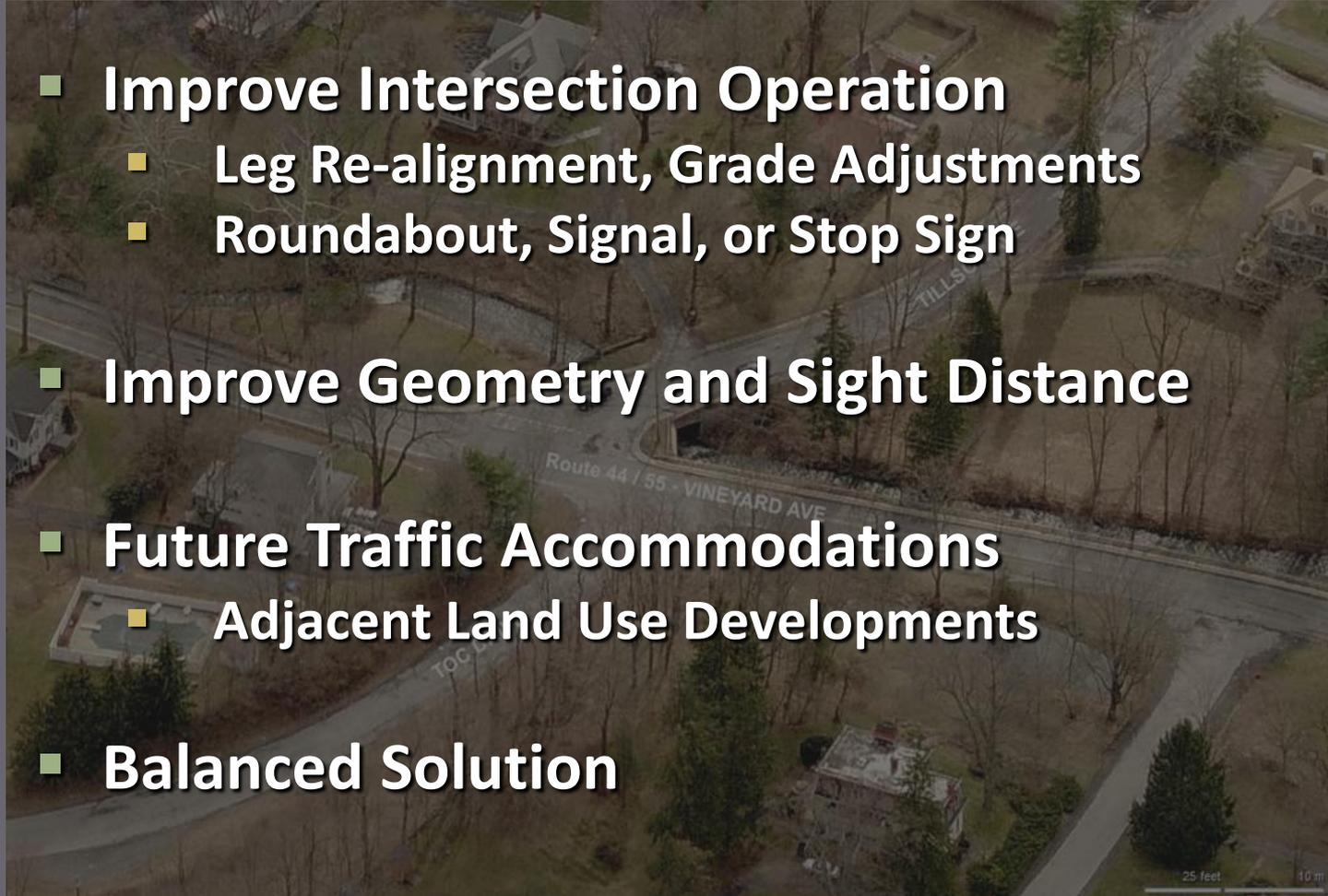
Offset Intersection



Existing Conditions

Offset Intersection

- **Improve Intersection Operation**
 - Leg Re-alignment, Grade Adjustments
 - Roundabout, Signal, or Stop Sign
- **Improve Geometry and Sight Distance**
- **Future Traffic Accommodations**
 - Adjacent Land Use Developments
- **Balanced Solution**



Existing Conditions

Approach Grade



Existing Conditions

Approach Grade

- **Reduce Grade at Intersection**
- **Higher Skid Resistance Materials**
- **Surface Water / Moisture Control**
- **Modern Materials & Methods**
- **Minor Rise in Vineyard Ave. Elevation**
- **Minimize Impacts**

Existing Conditions

Residential & Business Properties



Existing Conditions

Residential & Business Properties

- **Community Consensus and Input**
- **Access & Mobility During Construction**
- **High Quality Access**
- **Sidewalks / Multi-Use Path Connectivity – HVRT – Walkway**
- **Locally Administered Federal Aid Process Compliance**
- **Ensure Full Sponsor Reimbursement**

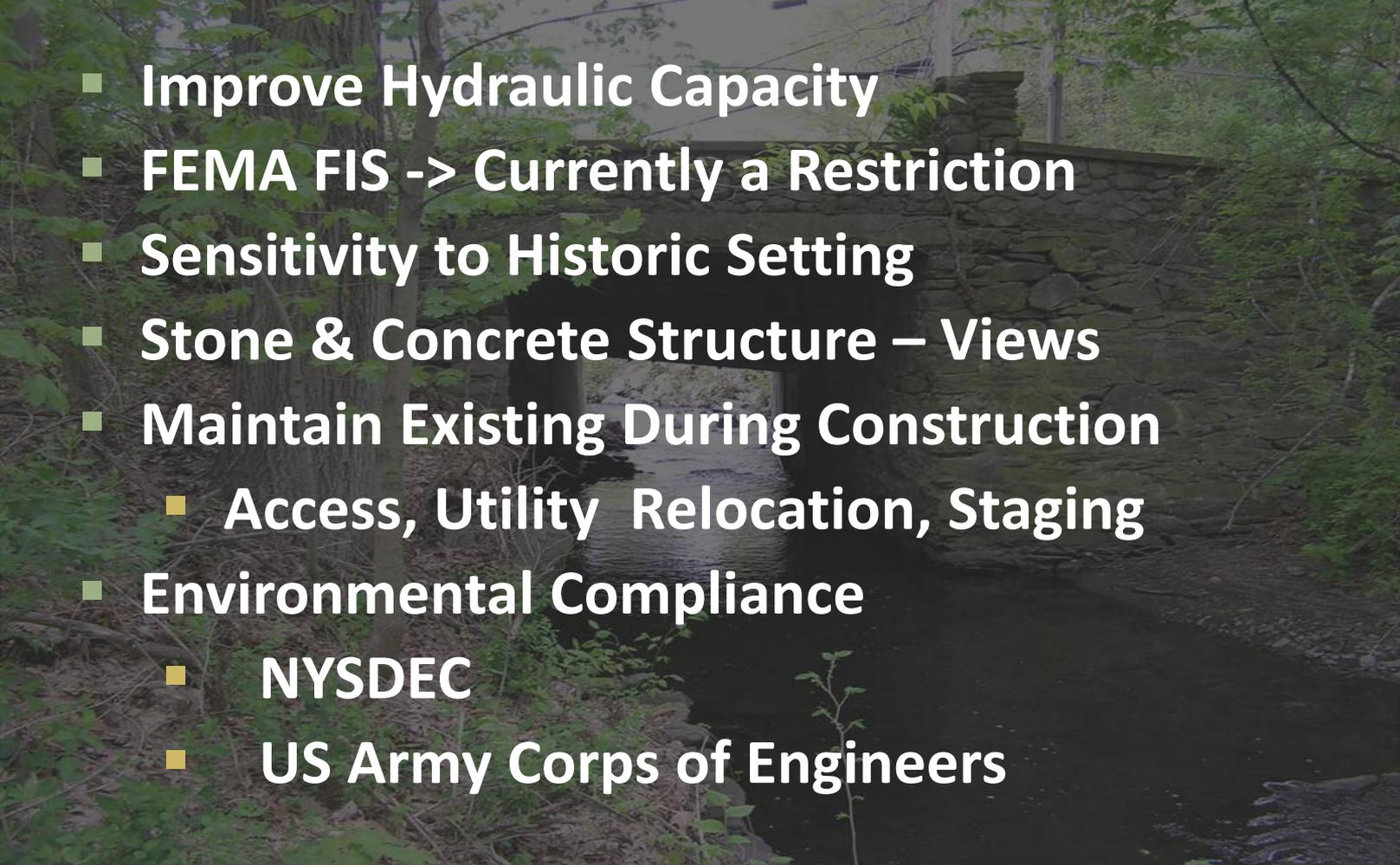
Existing Conditions

Twaalfskill Culvert



Existing Conditions

Twaalfskill Culvert

- 
- Improve Hydraulic Capacity
 - FEMA FIS -> Currently a Restriction
 - Sensitivity to Historic Setting
 - Stone & Concrete Structure – Views
 - Maintain Existing During Construction
 - Access, Utility Relocation, Staging
 - Environmental Compliance
 - NYSDEC
 - US Army Corps of Engineers

Existing Conditions

Utilities



Existing Conditions

Drainage System Enhancements



Existing Conditions

Drainage System Enhancements

- **Stormwater Runoff Management**
 - **Town of Lloyd MS4 Program**
 - **Efficient Collection and Conveyance**
 - **Opportunities to Improve Water Quality**
 - **New Modern Closed Drainage System**
- **Sub-Surface Collection Improvements**
 - **Advances in Underdrain Design**
 - **Extend Life Cycle of Pavement**
 - **Reductions in Capillary Action**

Existing Conditions

Pedestrian and Bicyclist Needs



**Sensitivity to Existing Infrastructure
and Landscaping Elements**

Existing Conditions

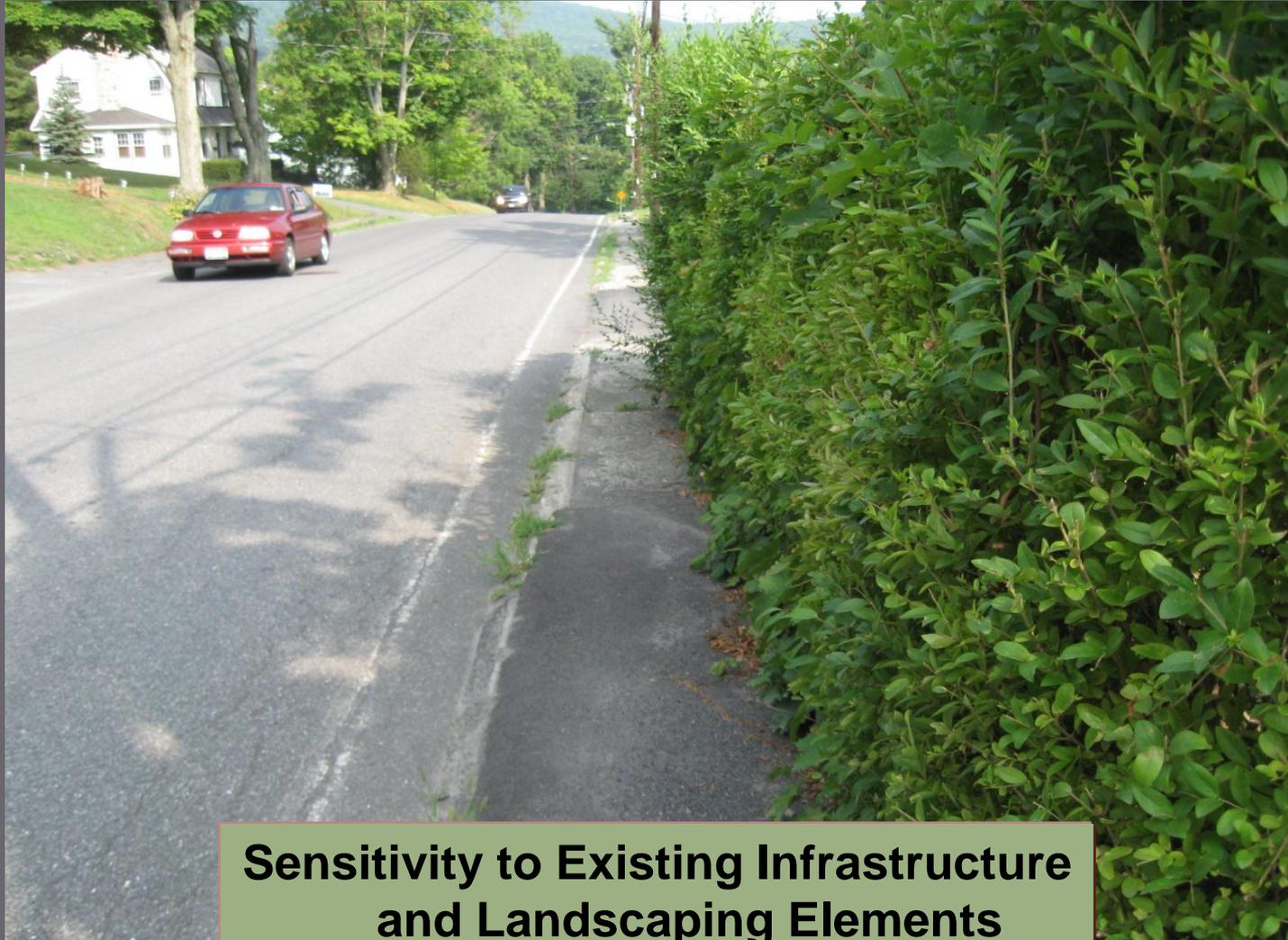
Pedestrian and Bicyclist Needs



**Sensitivity to Existing Infrastructure
and Landscaping Elements**

Existing Conditions

Pedestrian and Bicyclist Needs



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Existing Conditions

Pedestrian and Bicyclist Needs



**Sensitivity to Existing Infrastructure
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Existing Conditions

Pedestrian and Bicyclist Needs



Existing Conditions

Pedestrian and Bicyclist Needs

- **Sidewalks / Multi-Use Path**
 - **2005 Comprehensive Plan**
 - **Multi-Modal Encouraging**
 - **ADA Compliance**
 - **Project is an Opportunity to Improve Mobility to HVRT & Walkway**
- **Minimization of Impacts**
 - **Sidewalk Widening**
 - **Retaining Walls**

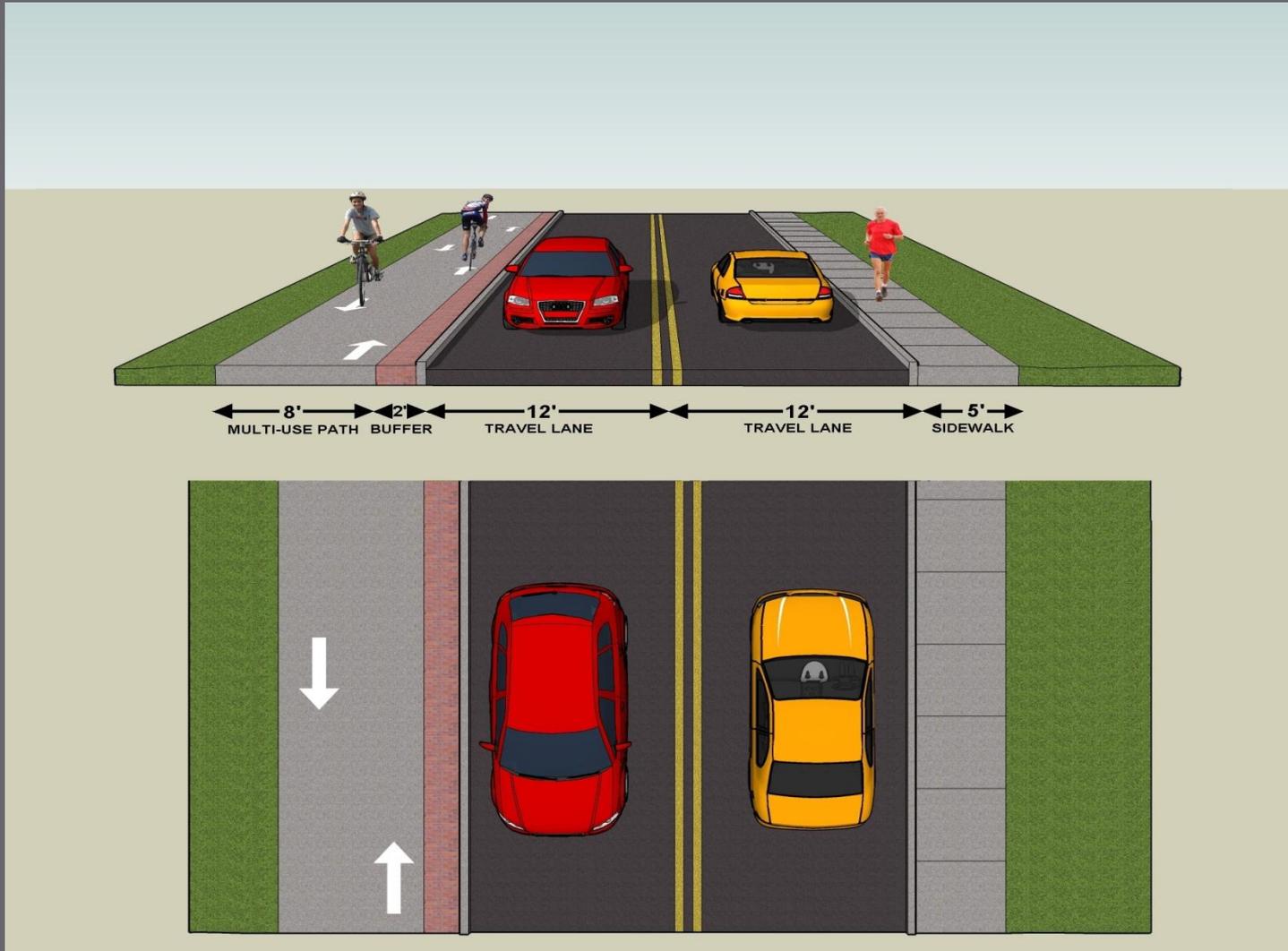
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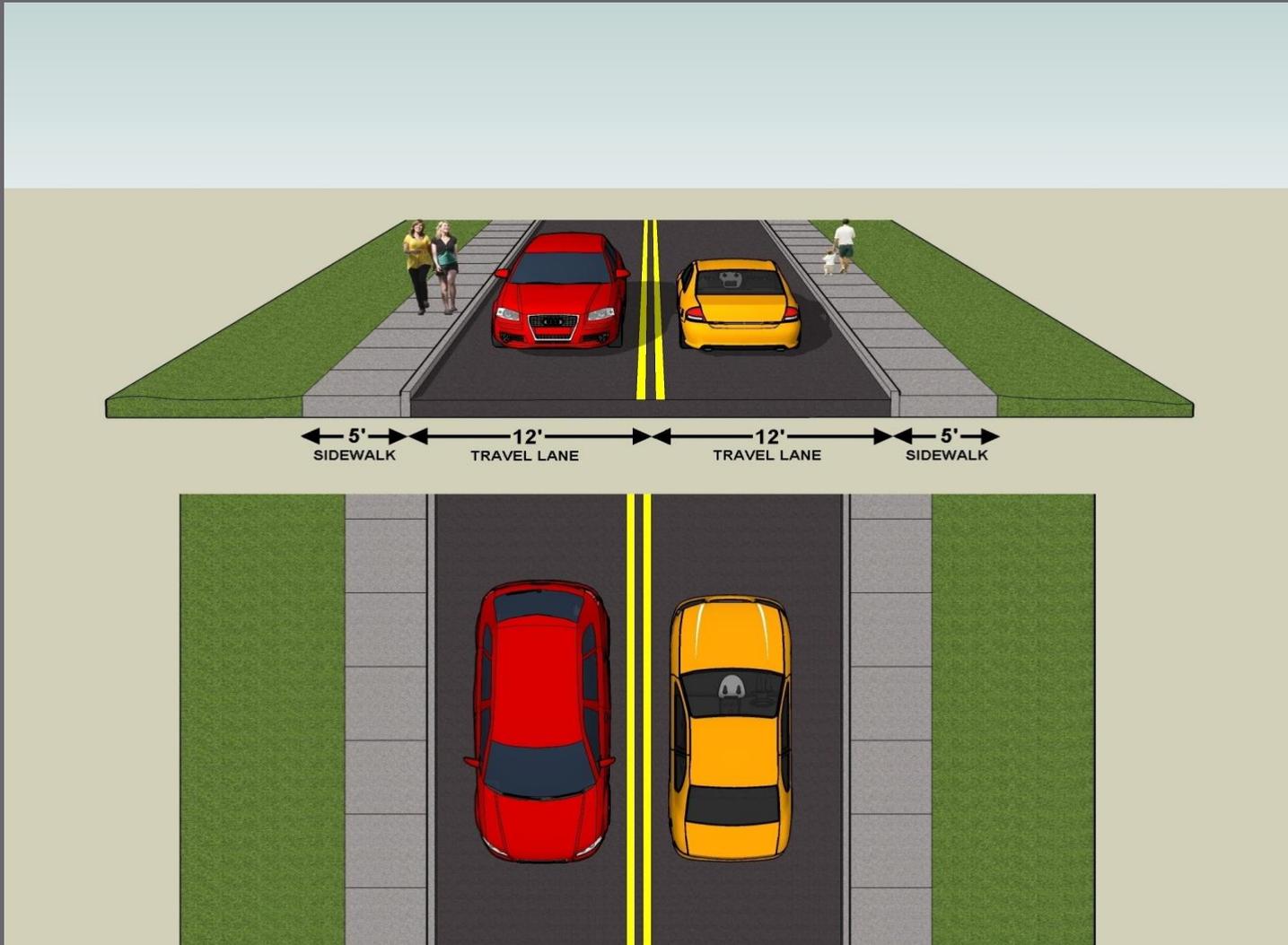
Alternatives

- A. Null
- B. Rehabilitation Alternative
- C. Reconstruction

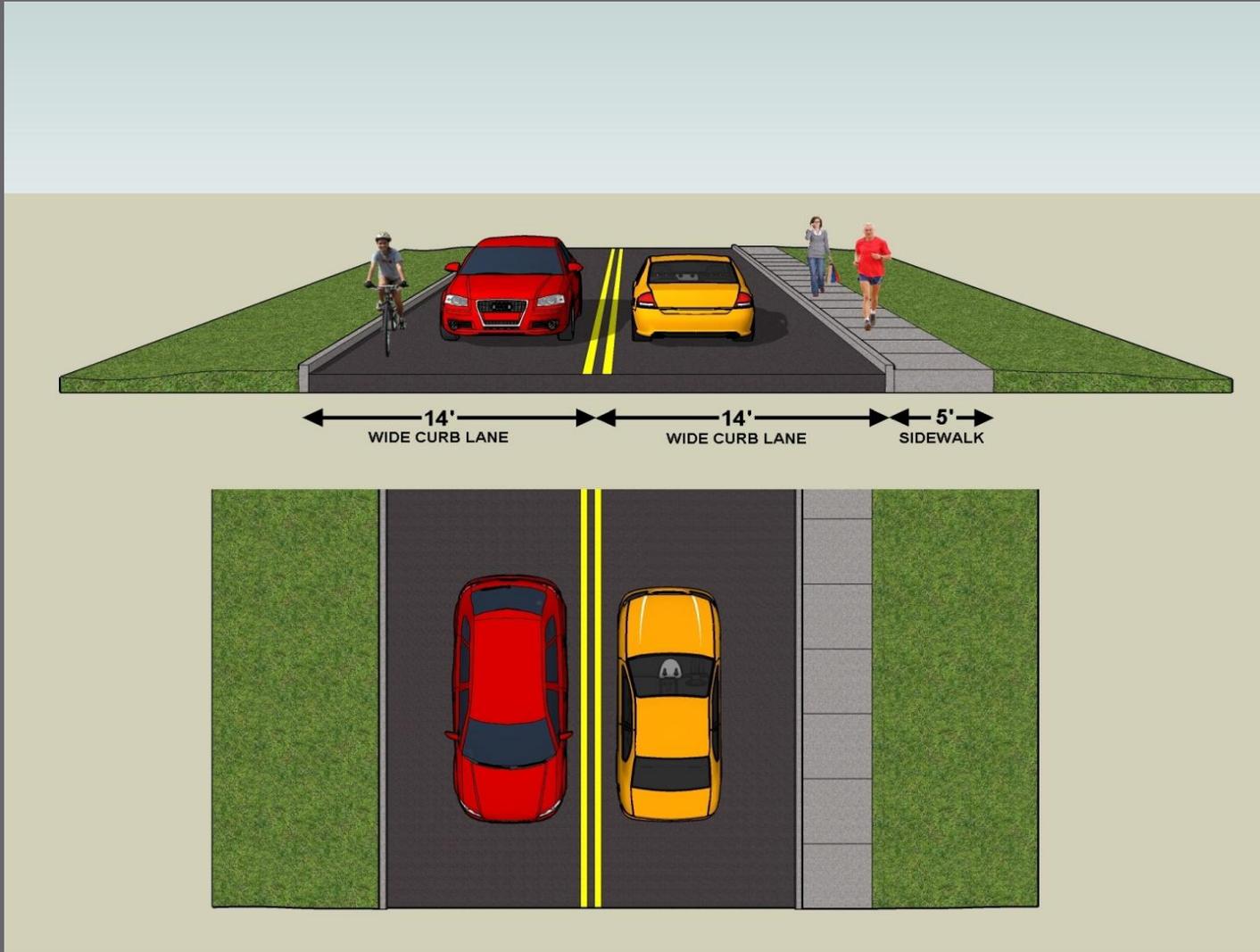
Option C-1



Option C-2



Option C-3



Option C-1



Alternatives

Intersection Re-alignment / Roundabout



Work Zone Traffic Control



Environmental Review

- **NEPA** (National Environmental Policy Act), EPA
- **SEQR** (State Environmental Quality Review), NYSDEC
 - *Hazardous Materials*
 - *Cultural Resource Study*
 - *Endangered Species*
 - *Visual Impacts*
 - *Social and Economic Impacts*

Right-of-Way

- Easements – Temporary and Permanent
- Acquisitions – Based on Appraisals
- Very State and Federally Controlled Process
 - *Specific Schedule*
 - *Different Approval Stages*
 - *Incidental Phase – Maps, Appraisals, Title searches*
 - *Acquisition Phase – Offers, Closings, filing*
- Final Row Clearance

Schedule

- **Design Approval** Oct. 2011
- **Right of Way Acquisition** June 2012
- **Final Design** Fall 2012
- **Letting** Winter 2012
- **Construction Begins** April 2013
- **Construction Complete** Nov. 2013

Questions

The experience to
listen.
The power to
solve.SM