

Item #4:

Village President Rodriguez

B. Old McHenry Road & RPC Intersection - Update



Division of Transportation

Paula J. Trigg, P.E.
Acting Director of Transportation
Acting County Engineer

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JUN 18 2012

VILLAGE OF LONG GROVE

**Old McHenry Road Phase I Study
Downtown Long Grove**

June 13, 2012

Mr. Dave Lothspeich
Village Manager
Village of Long Grove
3110 RFD, Old McHenry Road
Long Grove, IL 60047

Dear Mr. Lothspeich:

The Lake County Division of Transportation invites you to attend the first Stakeholder Involvement Group (SIG) meeting to discuss the proposed study of Old McHenry Road through the Village of Long Grove, including the intersection at Robert Parker Coffin Road. The meeting date, time and location are indicated below.

Date: July 9, 2012
Time: 5:00 p.m. to 7:00 p.m.
Location: Village of Long Grove Village Hall
3110 RFD
Old McHenry Road
Long Grove, IL 60047

The meeting agenda will include explaining the SIG process along with the responsibilities and ground rules. The meeting will also involve discussing the existing conditions within the project study limits, the project schedule, and identifying potential needs of the project.

If you cannot make the meeting, have any questions or need additional information, please contact me at (847) 377-7447.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chuck Gleason".

Chuck Gleason
Acting Director
Planning and Programming

Minutes of Meeting

SIG Meeting #2

Old McHenry Road
Downtown Long Grove
Phase 1 Study
Lake County Division of Transportation
Section No. 11-00083-09-RS

October 18, 2012

Time: 5:00pm

Place: Kildeer Elementary School Library
Long Grove, IL

Attendance: Project Study Group (PSG) Members
Chuck Gleason – Lake County Division of Transportation (LCDOT)
Jeffrey Hall – TranSystems
Jesse Vuorenmaa – TranSystems
Scott LaVanne – TranSystems

Stakeholder Involvement Group (SIG) Members:

Maria Rodriguez – Village of Long Grove
Charlie Wachs – Village of Long Grove
David Lothspeich – Village of Long Grove
Randy Warren – Kildeer Countryside Elementary School
Rachel Perkal – Long Grove Business and Community Partners (LGBCP)
Claire Ball – LGBCP
Stephen F. Douglass – Green Courte Partners
Anne Donnel – Resident
Ed Maher – Resident
Kristen Nelson – Resident

Absent SIG Members

Marc Small – Village of Long Grove

Also Present

Craig Taylor – Lake County Board Member,
Public Works and Transportation Committee Vice Chair

The purpose of the meeting was to approve the Purpose and Need Statement, present Lake County Division of Transportation (LCDOT) design criteria, and solicit discussion from the SIG on alternative preferences.

- Chuck Gleason commenced the meeting by reintroducing the SIG and PSG members.
- The project Purpose and Need Statement was adopted by the SIG without revision from the draft version.

- Jeff Hall explained LCDOT design criteria and components of the project that are known requirements.
 - LCDOT standard lane widths are 12' with 2' bike friendly shoulders.
 - The northbound right turn lane and southbound left turn lane, which were warranted as part of the Archer Road development, will be incorporated into the Old McHenry Road project. Along the Archer Road Parking Lot property, 10' of ROW was granted to the County to create a 50' right-of-way (ROW) on the east side of Old McHenry Road. Because of this addition, construction of the turn lanes will likely not require additional ROW except along the fire station property near the south limit of the project.
 - LCDOT standards include consideration for bicycle and pedestrian accommodations. This includes sidewalk for pedestrians and a bike path or bike lanes for bicyclists.
 - The type of intersection control that will be proposed at Old McHenry Road and Robert Parker Coffin Road will be determined following analysis of the existing and projected traffic volumes.
 - Village Trustee Wachs expressed concerns about the effect of the proposed widening of IL Route 22 to the north of the project. Jeff Hall explained that models show the widening of IL Route 22 will decrease traffic volumes on Old McHenry road within the project limits by 7%. Additionally it was noted that construction of the proposed IL Route 53 extension to the west of the project will decrease traffic by 15%. It was noted that even with these reductions that traffic will be at or above the existing levels in the 2040 design year.
 - Several SIG members stated doubts about the feasibility of a roundabout, citing a previous Village study of the intersection. Jeff Hall noted the concerns of the SIG and explained that the previous study did not discount the feasibility of a roundabout and that further analysis would be needed to rule out a roundabout as an alternative. No SIG members were in favor a roundabout as the preferred alternative.
 - Ed Maher inquired about the possibility of an interconnect system. Jeff Hall explained that it will be considered, but the proximity of the study intersection to the adjacent intersections may be near the limit of the typical useful range of an interconnect system.
- Jeff Hall introduced the "Developing Alternatives" portion of the meeting which was intended to solicit discussion from the SIG on several elements of the project.
 - Lighting was suggested as a potential streetscaping element. It was suggested that the Village may want to consider installing conduit as part of the Old McHenry Road project for lighting to be installed at a future date when funding becomes available.
 - Many wished to see the existing overhead utilities buried. Chuck Gleason explained that the utilities may need to move their lines to accommodate the project at the utility's expense; however the cost of burying the utilities would be borne by the Village. Village President Rodriguez asked if it would be possible to relocate utilities outside of the County right-of-way. Chuck Gleason suggested the Village initiate conversation with ComEd to discuss possible burying or relocation.
 - Village Trustee Wachs inquired about combining the installation of water main into the project. Chuck Gleason stated that this is a common practice. The cost would be borne by the village, however the Village would likely realize cost savings by combining the projects.
 - Village Manager Lothspeich suggested the Village prepare an estimate of available Village resources along with a "wish list" of Village funded or partially Village funded aspects of the project. This will be incorporated into the discussion during SIG meeting #3.

- It was determined that a bike path will be proposed on the east side of Old McHenry Road north of the downtown area. This maintains connectivity with the Village's planned bike path along Old McHenry road from the project limit to IL Route 22.
- Jeff Hall stated that sidewalk will be proposed along both sides of Old McHenry Road in the downtown area and only along the east side of the road south of downtown. It was suggested by the SIG that sidewalk also be proposed on the west side of Old McHenry Road south of downtown to connect with planned future development.
- Many SIG members agreed that on-street parking is a high priority, even at the expense of wider sidewalks and/or streetscaping.

Action Items:

- The Project Study Group will complete a roadway typical section(s).
- The Project Study Group will analyze roadway and intersection geometrics.
- The Village will prepare a "wish list" of project related amenities and estimate the potential funding available.
- The Village will begin discussions with ComEd about the possibility of burying or relocating overhead lines.

The meeting adjourned at 7:00 PM.
By: Scott LaVanne – TranSystems

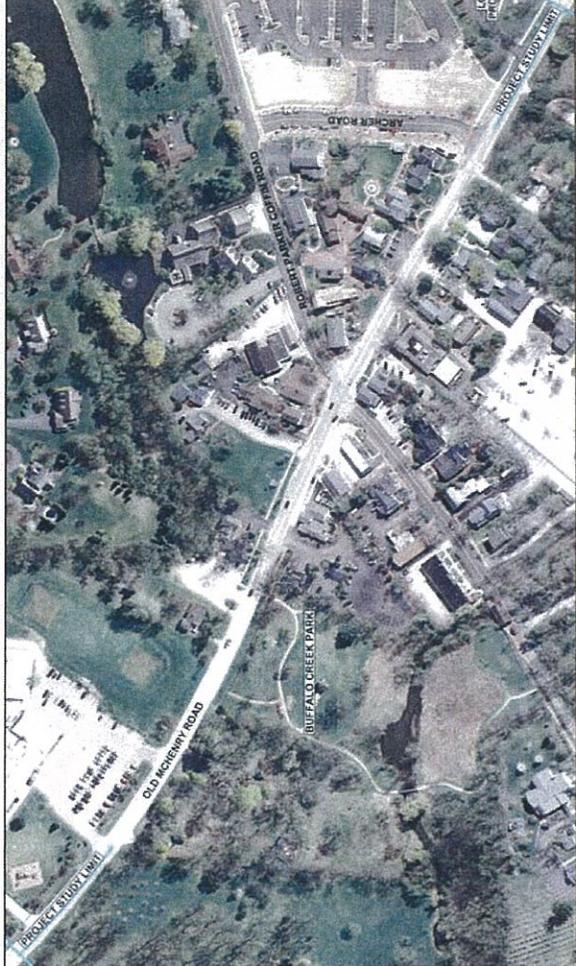
Draft Project Purpose and Need

The purpose of the project is to address the transportation facility needs along Old McHenry Road through Downtown Long Grove and the Long Grove Business District. The project needs to address and identify ways to improve the deteriorating pavement, inadequate drainage infrastructure, traffic congestion, and safety for all types of transportation users. The project also needs to consider the unique nature and characteristics of Downtown Long Grove by incorporating streetscaping and aesthetic elements, working within the existing roadway corridor, and limiting the impacts of the construction schedule on local businesses and the community.

Stakeholder Involvement Group Meeting #2

Lake County Division of Transportation
Old McHenry Road Phase I Study
Downtown Long Grove

October 18, 2012



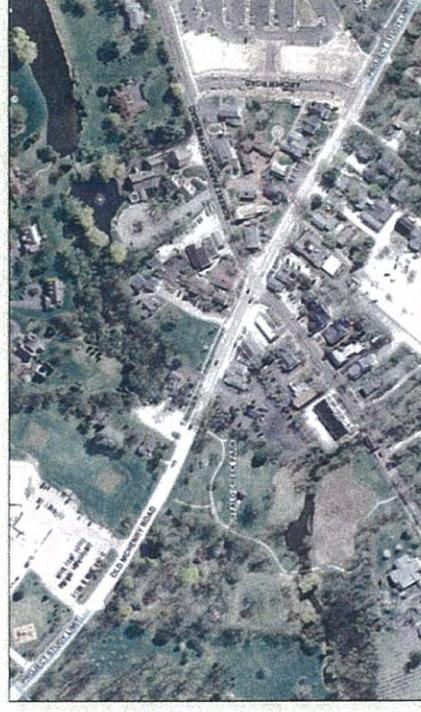
Meeting Agenda



- **Meeting Agenda Overview**
 - New Binder Material
 - Review SIG Meeting #1
 - Purpose and Need Statement
 - Roadway Design Criteria
 - Develop Alternatives
 - Next Steps

Stakeholder Involvement Group Meetings

Lake County Division of Transportation
Old McHenry Road Phase I Study
Downtown Long Grove



Stakeholder Involvement Group Meeting #2
October 18, 2012



SIG Project Binders

- **Meeting #1 Minutes, July 2012**
- **Purpose and Need Statement**
- **Meeting and Reference Materials**



SIG Meeting #1 Review

- Introduced SIG members and CSS process
- Reviewed results of Public Meeting #1, October 2011
- Asked SIG for project needs to be used to develop the project Purpose and Need Statement



Purpose and Need Statement

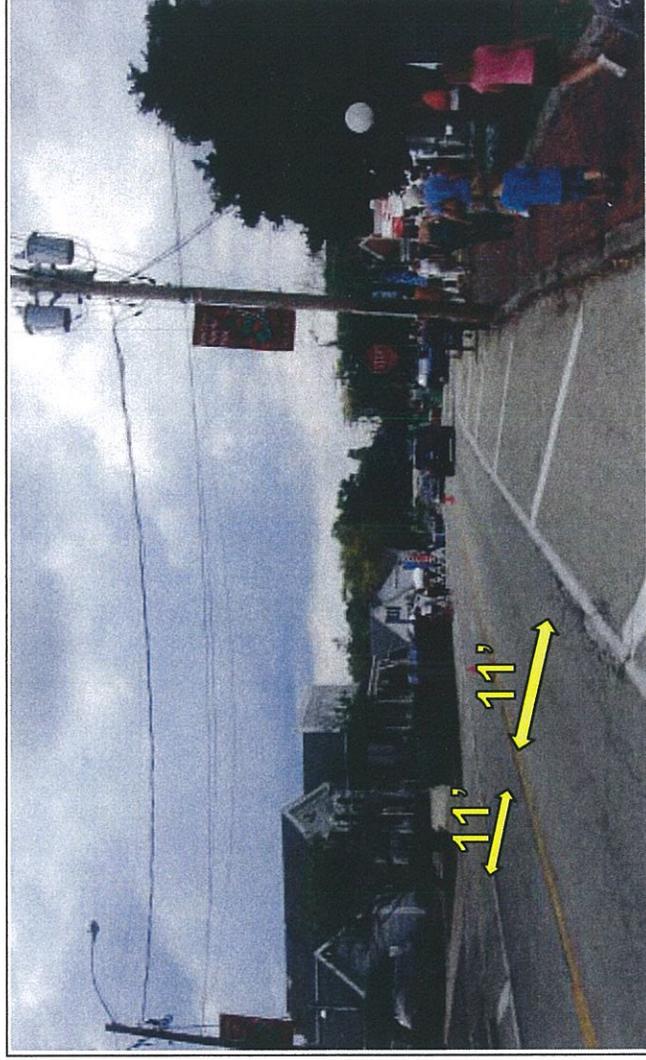
The purpose of the project is to address the transportation facility needs along Old McHenry Road through Downtown Long Grove and the Long Grove Business District. The project needs to address and identify ways to improve the deteriorating pavement, inadequate drainage infrastructure, traffic congestion, and safety for all types of transportation users. The project also needs to consider the unique nature and characteristics of Downtown Long Grove by incorporating streetscaping and aesthetic elements, working within the existing roadway corridor, and limiting the impacts of the construction schedule on local businesses and the community.

Roadway Design Criteria

12' Lane Width



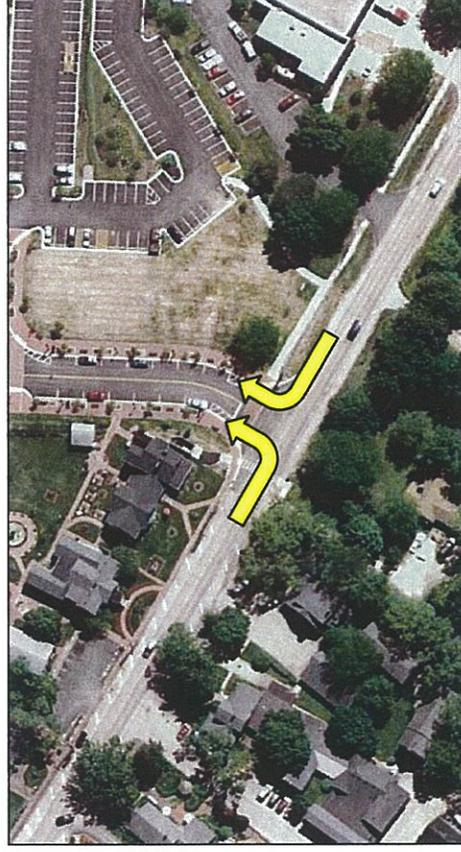
- Lake County standard lanes are 12' wide plus 2' wide bike friendly shoulder.
- Lanes are currently 11' wide



Roadway Design Criteria Turn Lanes at Archer Road



- Northbound right turn lane
- Southbound left turn lane
- Recommended as part of the Village's Archer Road development
- Installed as part of Old McHenry Road project



Roadway Design Criteria Pedestrian and Bicycle Access



- Lake County standards include pedestrian and bicycle accommodations with a local partner.
- The minimum sidewalk width is 5' with a 3' minimum parkway or 6' with no parkway.
- Bike access may be in the form of a 4' bike lane (5' adjacent to parking) or a 10' bike path with 2' clearance on both sides.



Roadway Design Criteria Intersection Functionality

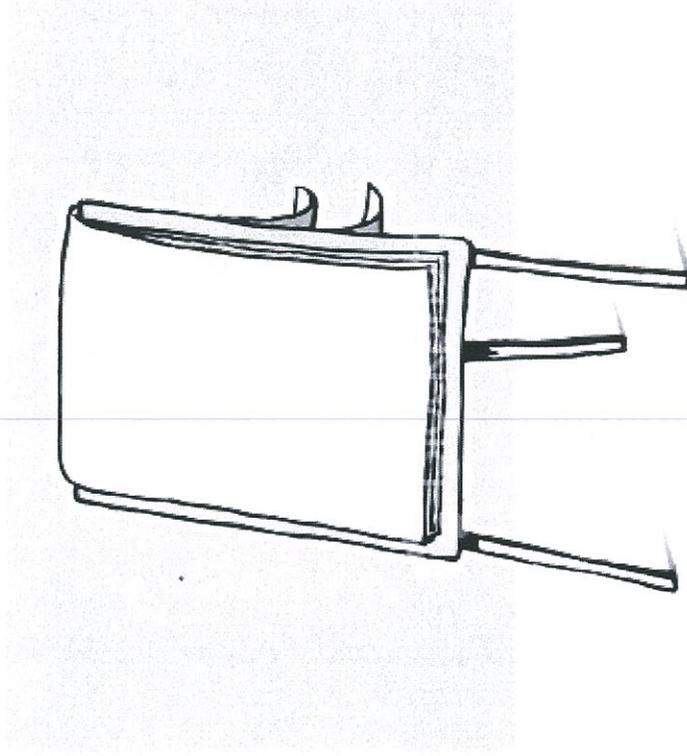


- **Intersection control method will be determined following analysis of existing and projected traffic.**



Developing Alternatives

- **SIG discussion on:**
 - Streetscaping Elements
 - Overhead Utilities
 - On-street parking
 - Sidewalk Widths
 - Bike Accommodations

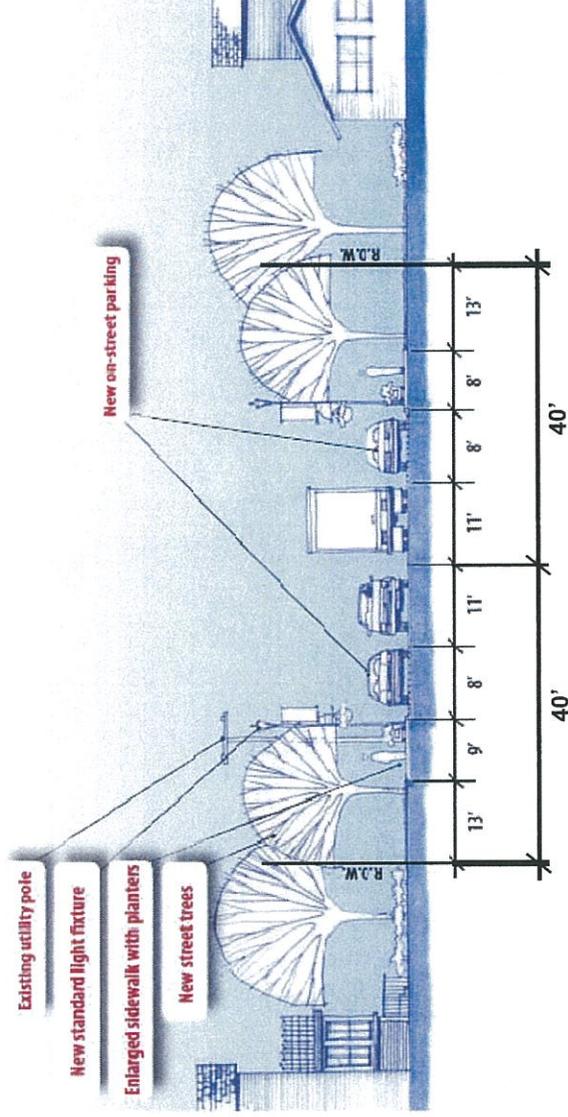


Developing Alternatives Streetscaping



- Streetscaping elements can enhance roadway appearance
- Opportunity to implement Long Grove Master Plan
- Might include lights, planters, benches, etc.

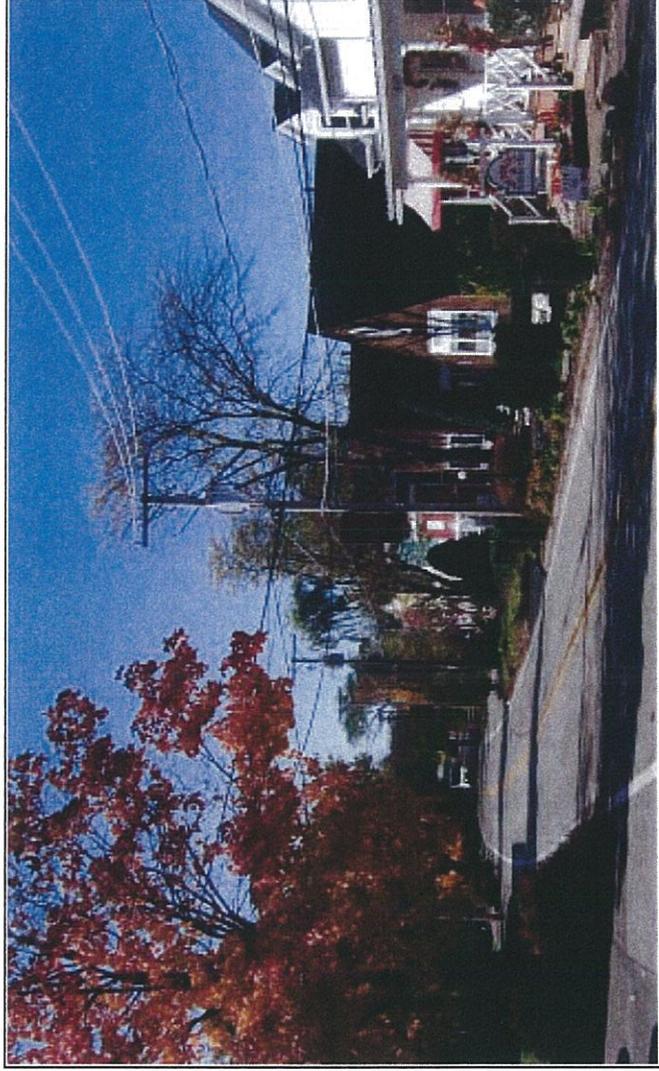
Proposed Section - Old McHenry Road



Developing Alternatives Utilities



- **Maintain Existing utilities or bury utilities**



Developing Alternatives On-Street Parking



- **On-street parking is 8' wide**
- **Potential parking limited by right-of-way width, existence of driveways, cross-streets, crosswalks, and fire hydrants.**



Developing Alternatives Sidewalk Width



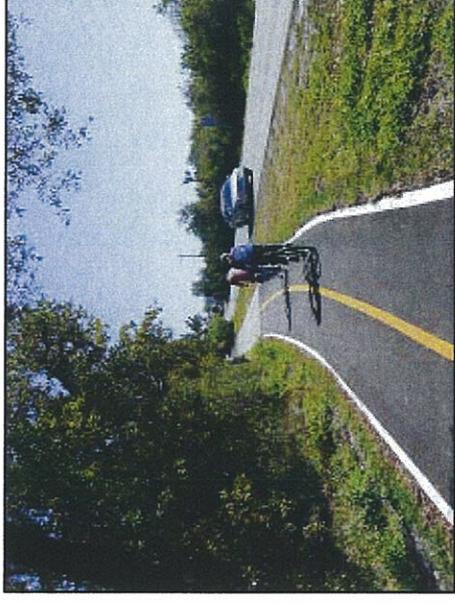
- The minimum sidewalk width is 5' with a 3' parkway or 6' with no parkway
- Currently most sidewalk is 4'–6' wide
- Sidewalk shown is 5' wide



Developing Alternatives Bike Accommodations

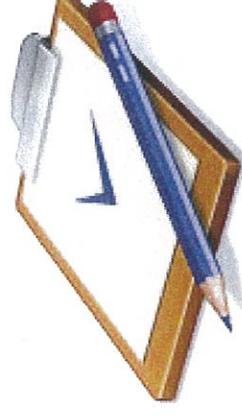


- **Bike lanes are extensions of pavement next to auto lane.**
- **Bike paths are distinct from the roadway and are often shared by pedestrians.**



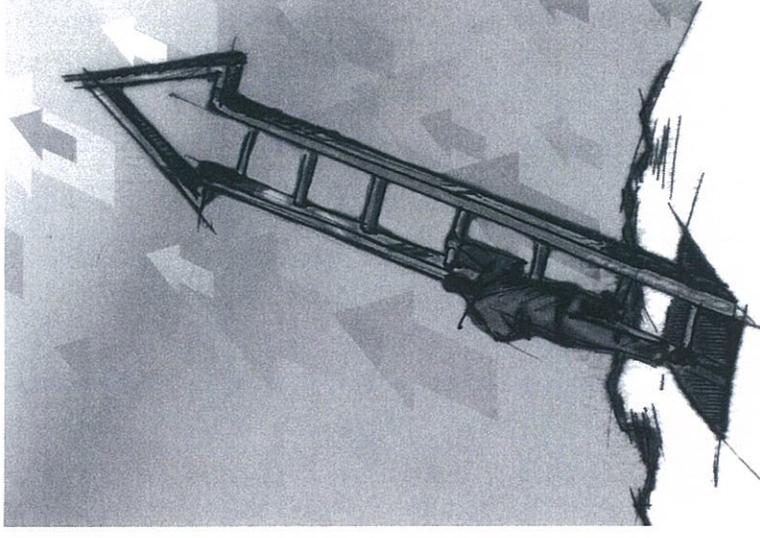
Summary

- Reviewed SIG Meeting #1
- Approved Purpose and Need statement
- Presented Design Criteria
- Developed Alternatives



Next Steps

- Complete Roadway Typical Section
- Analyze Roadway and Intersection Geometrics



Next Meetings

- **SIG Meeting No. 3**
 - Spring 2013
 - Review Roadway Design
 - Review Intersection Design
 - Identify Preferred Alternative
- **Public Meeting #2**
 - Summer 2013

