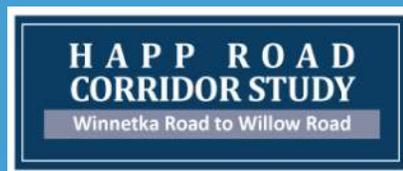


Happ Road Corridor Study

Village of Northfield

Winnetka Road to Willow Road

Steering Committee Meeting #2
January 24, 2017



The Village of
Northfield



Project Team and Committee

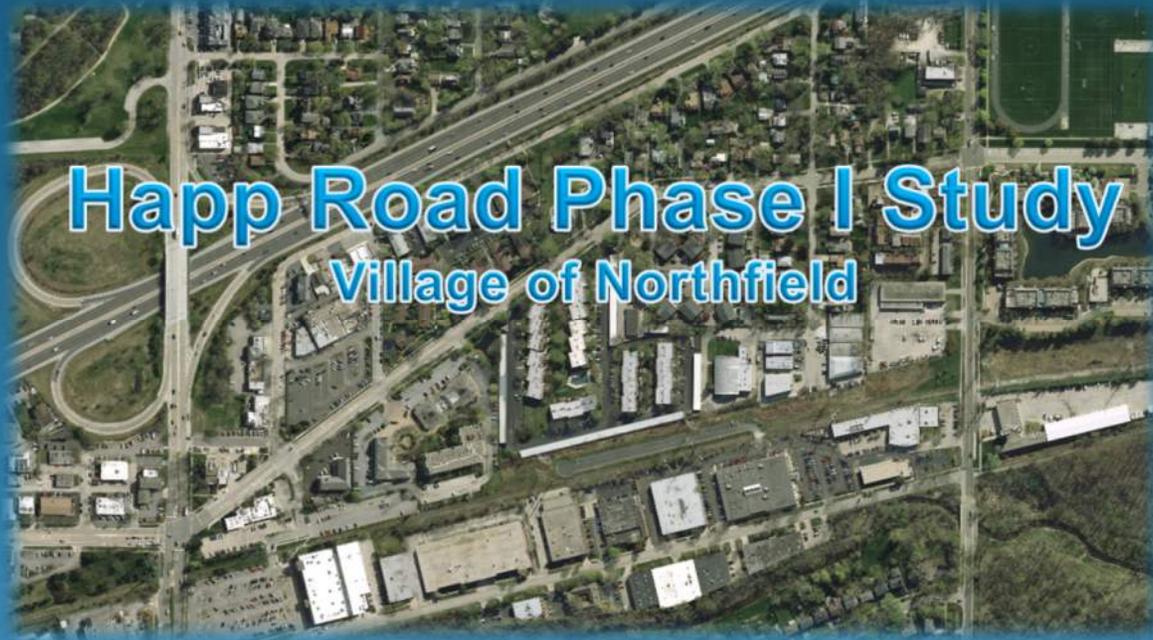
The Village of Northfield



- Village of Northfield (lead agency) staff:
 - Stacy Sigman
 - Michael Nystrand
- Cook County (partner agency) staff
 - Tara Fifer
 - Tara Orbon
- Consultant Engineering staff:
 - Jarrod Cebulski – Patrick Engineering
 - Steve Lynch– Patrick Engineering
 - Jodi Mariano – Teska
- Steering Committee Members

Meeting Agenda

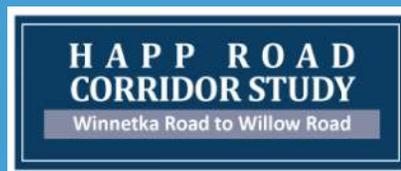
1. Introductions
2. Review Goals & Objectives Statement
3. Preliminary Improvement Concept Alternatives
 - A. Locations to be Discussed
 - a) North Section (Downtown Section)
 - b) Middle Section (Happ Road Park Area)
 - c) South Section (Winnetka Intersection)
 - B. Items to be Discussed for Each section
 - a) Issues and Opportunities
 - b) Crash Data
 - c) Existing Conditions
 - d) Concept Alternatives
 - e) Right-of-Way Treatment Preferences
4. Next Steps
 - A. Public Meeting
 - a) Location
 - b) Open House Format
 - c) Advertisement/Notification



Happ Road Phase I Study

Village of Northfield

Goals and Objectives Statement





Happ Road Goals & Objectives

Goal:

Improve the Happ Road corridor by transforming it into Northfield's central place, supportive of local business, community gathering and walkable access.

Objectives:

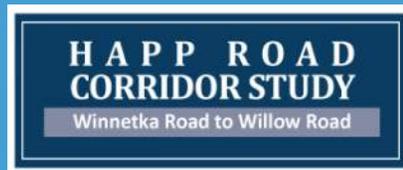
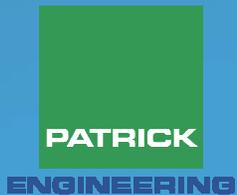
1. Improve intersection efficiency, slow traffic and promote pedestrian and bike use along and across Happ Road
2. Express the Village's charming character through unified streetscape treatments
3. Support community people places and neighborhood character
4. Preserve mature trees and promote a lush landscape.

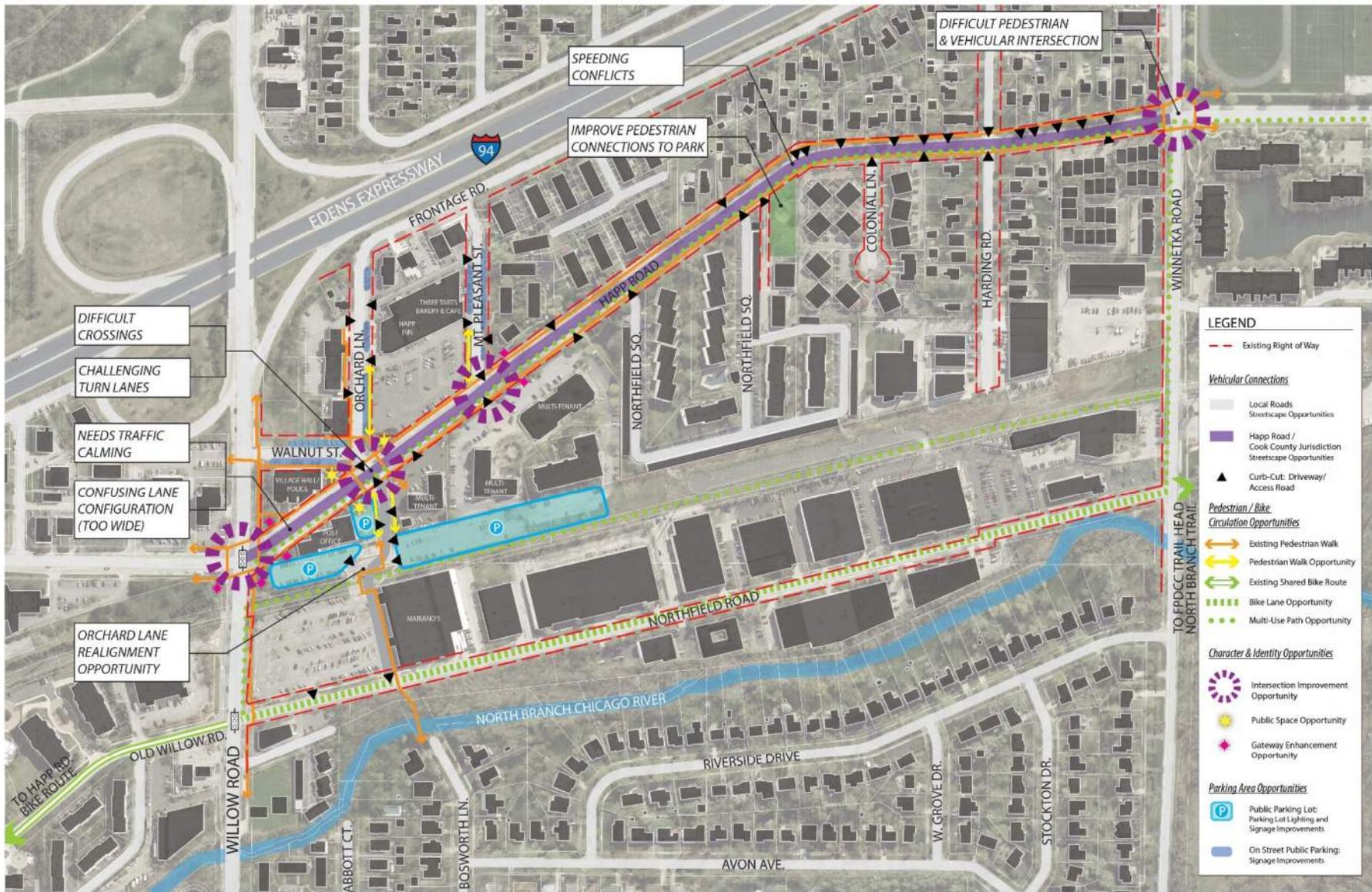


Happ Road Phase I Study

Village of Northfield

Understanding of Corridor Opportunities and Assessments





HAPP ROAD: OPPORTUNITIES & ASSESSMENT

VILLAGE OF NORTHFIELD, IL
 COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

50' 100' 200' N
 SCALE IN FEET

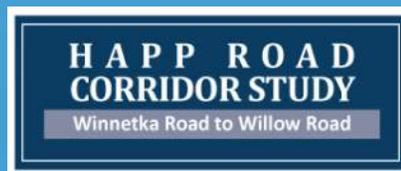
JANUARY, 2017



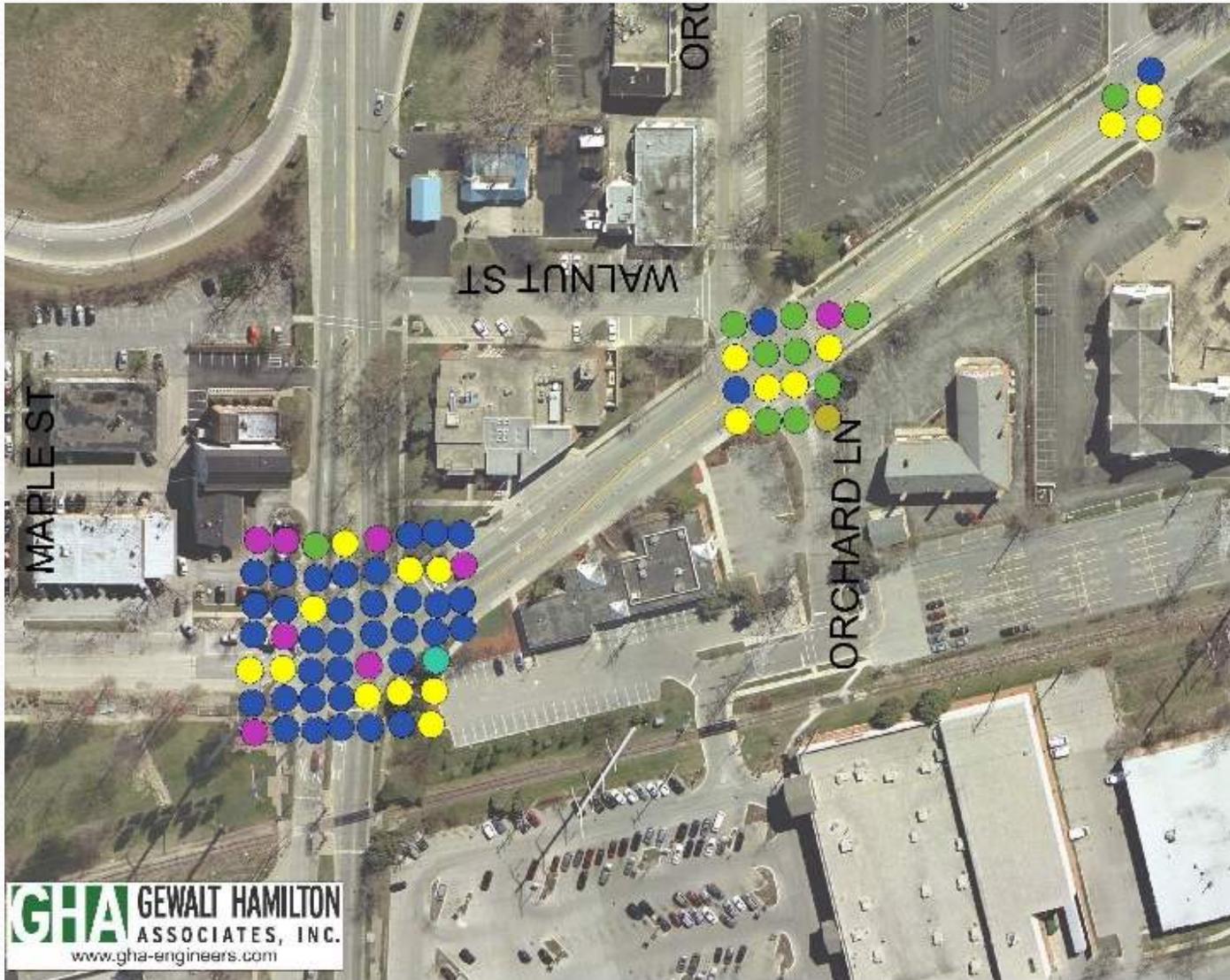
Happ Road Phase I Study

Village of Northfield

North Section (Downtown Section)

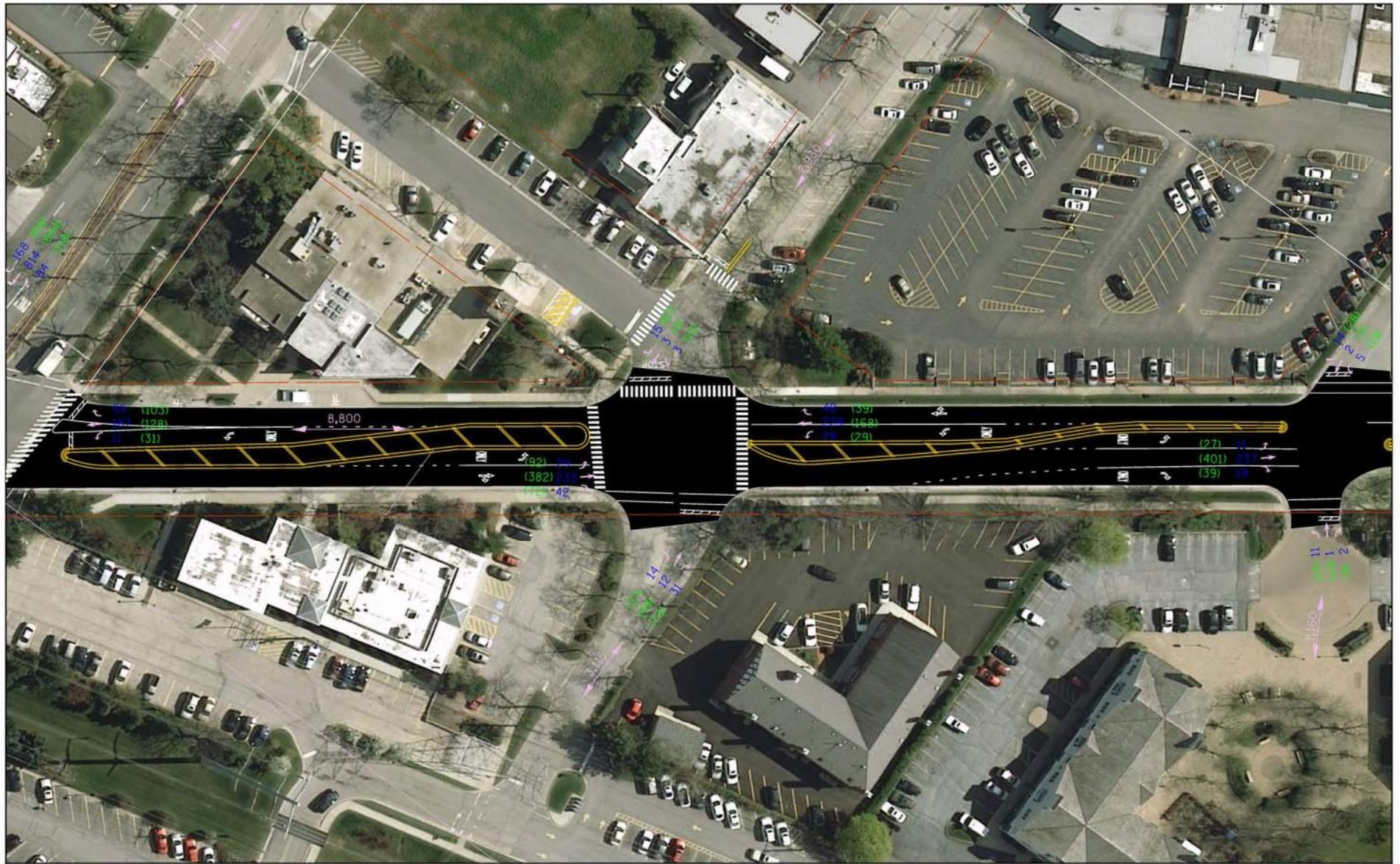


Accident Location Map



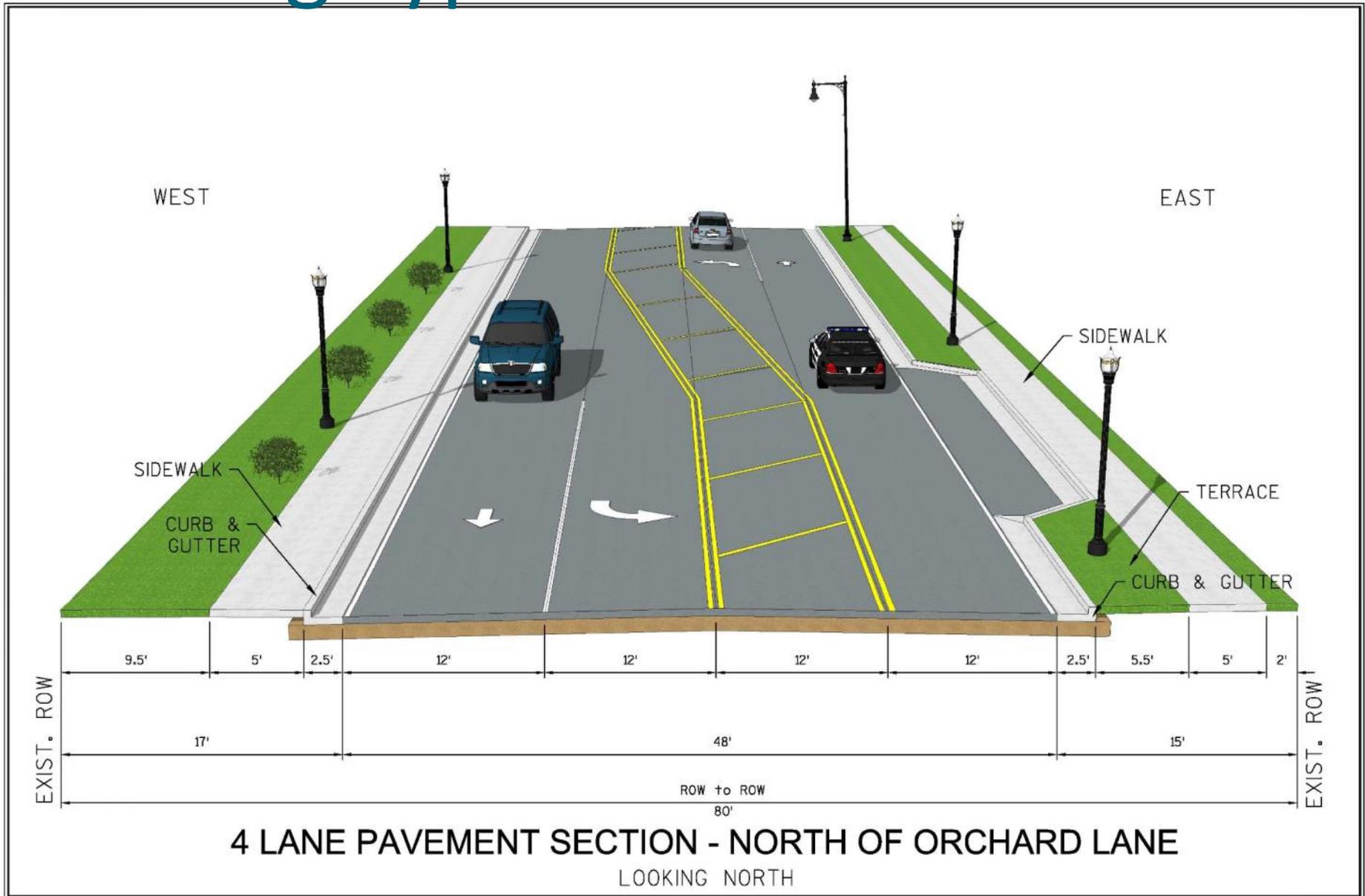
- Legend**
IDOT_Crashdata
Collision Type
- Angle
 - Animal
 - Fixed Object
 - Other Object
 - Parked Motor Vehicle
 - Pedalcyclist
 - Pedestrian
 - Rear End
 - Sideswipe Opposite Direction
 - Sideswipe Same Direction
 - Turning

Existing Conditions

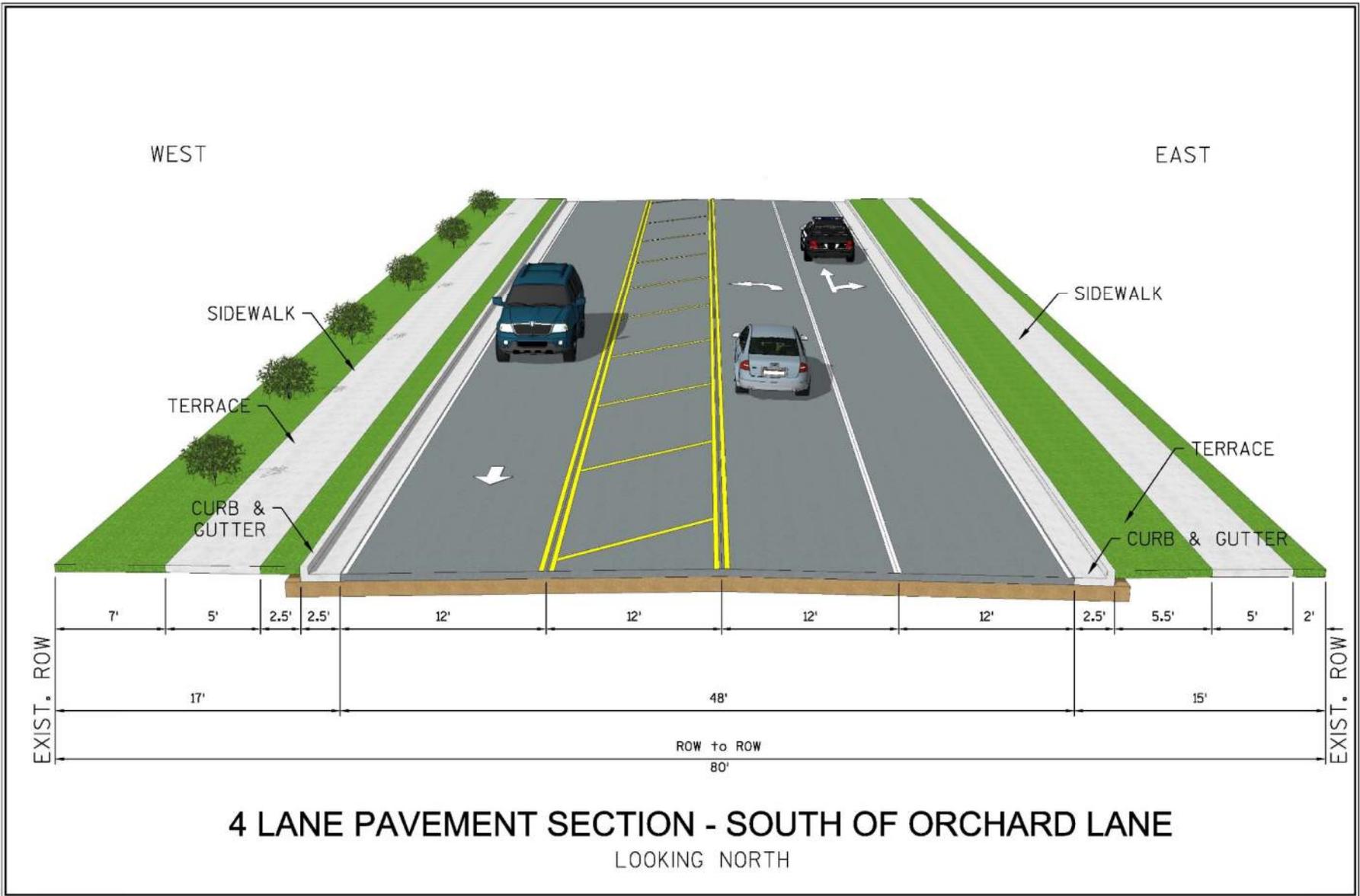


Happ Road Corridor Study from Winnetka Road to Willow Road

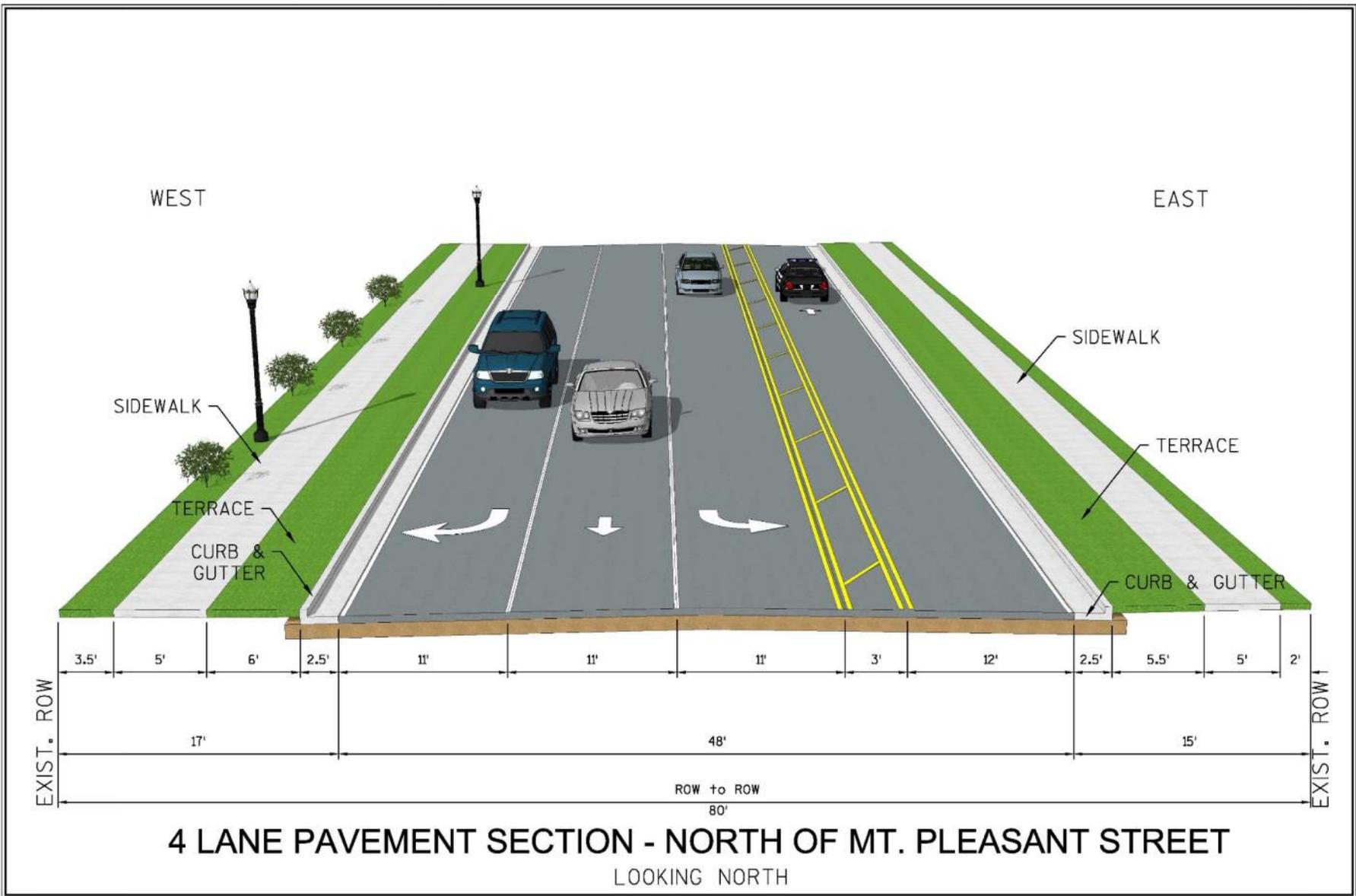
Existing Typical Sections



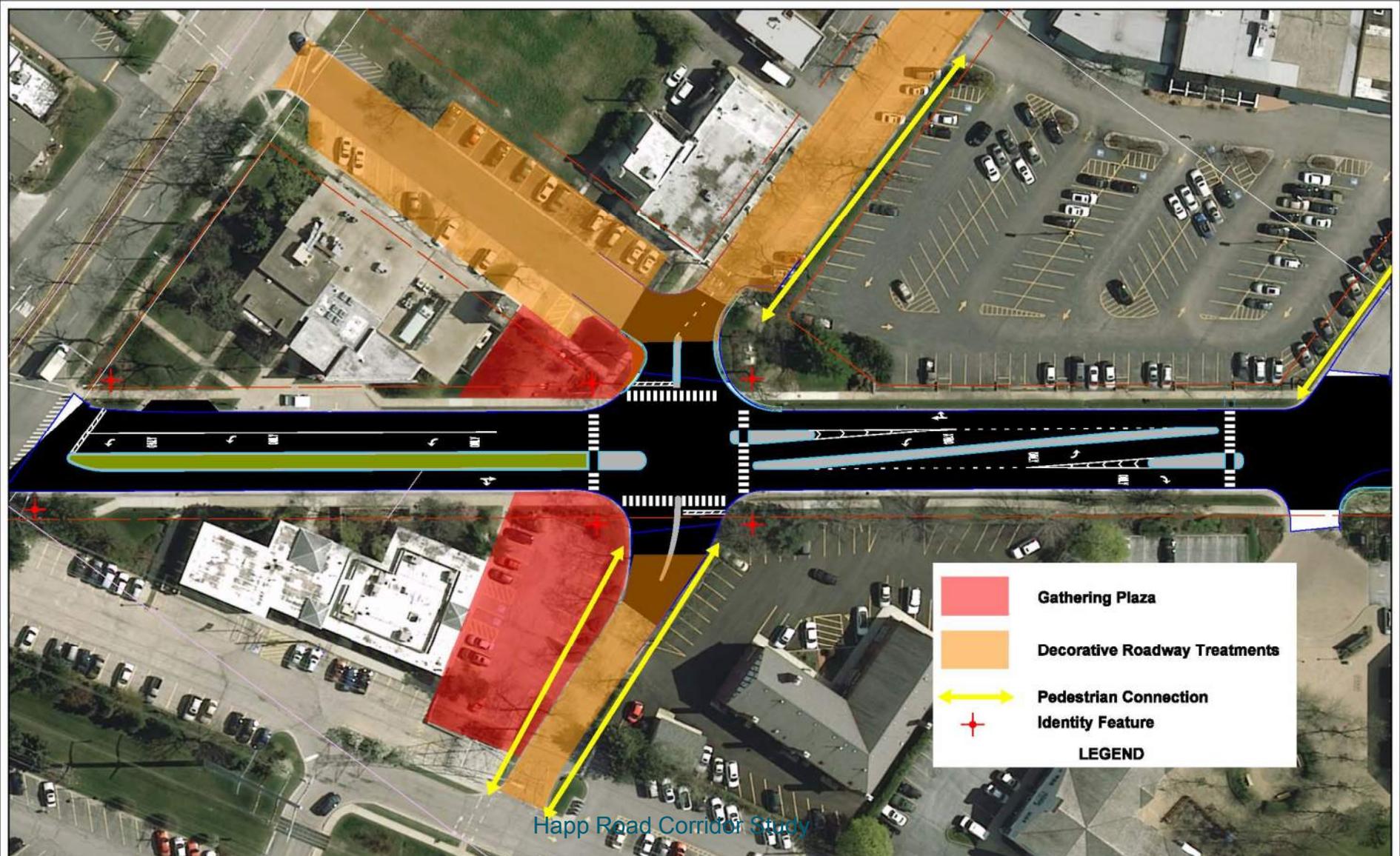
Existing Typical Sections



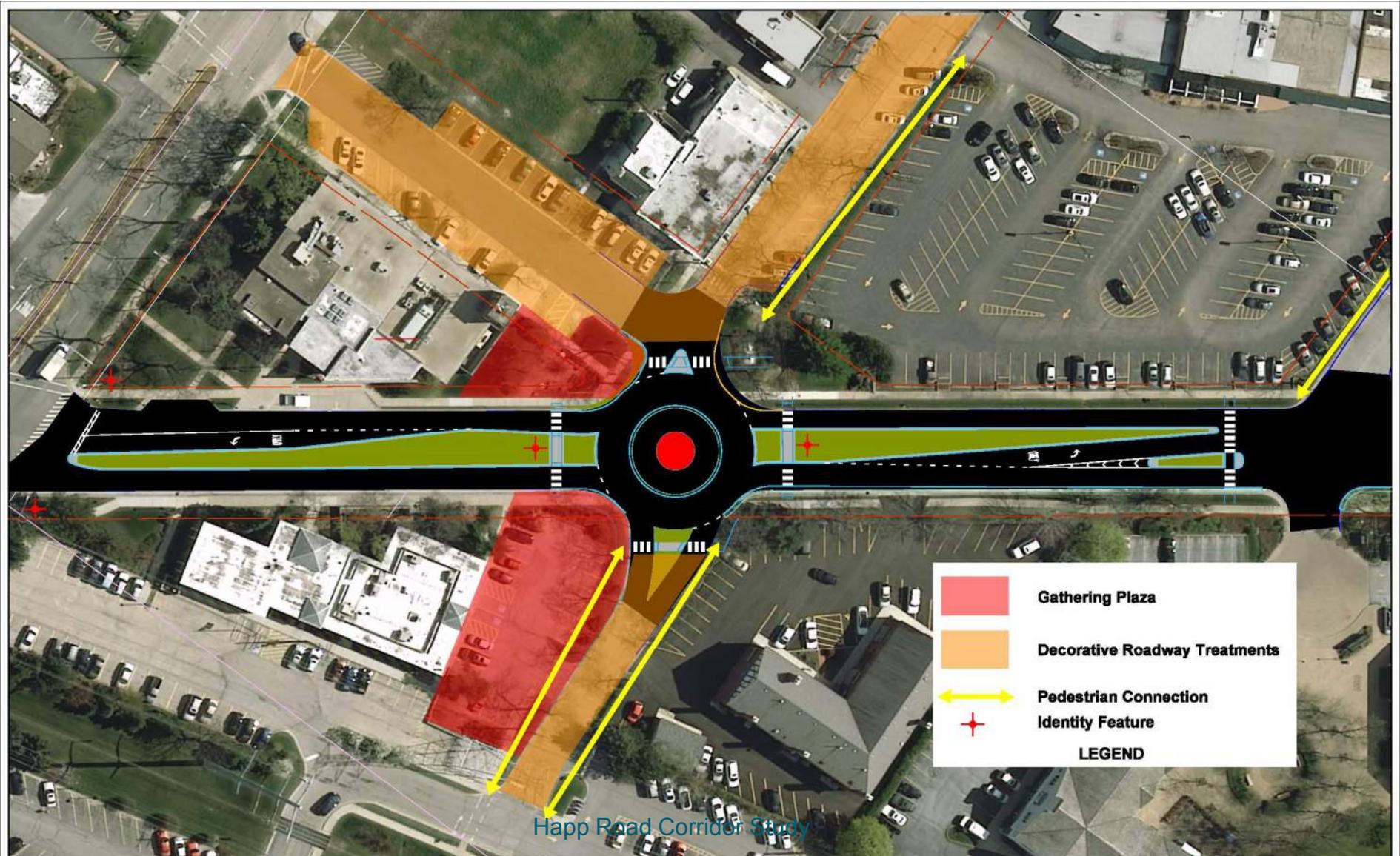
Existing Typical Sections



Happ Road – Orchard Lane Intersection Alternative – Road Diet



Happ Road – Orchard Lane Intersection Alternative – Roundabout



Historic Context



TECHNY FARM

Happ Road Corridor Study

Historic Context



BROWN SCHOOL

Happ Road Corridor Study

Visual Preference Survey

A ROUNDABOUT WITH REFUGE MEDIAN CROSSINGS



B INTERSECTION MEDIAN REFUGE



INTERSECTION CROSSING

Visual Preference Survey

A SEPARATED STREET & PLAZA



B SHARED STREET / PLAZA



PEOPLE PLACES

Visual Preference Survey

A

ON STREET BIKE LANE



B

OFF STREET BIKE PATH



BIKE ACCESS

Visual Preference Survey

A ORNAMENTAL



B NATURALISTIC



MEDIAN PLANTING TREATMENT

Visual Preference Survey

A

LANDSCAPED



B

WALL/FENCE



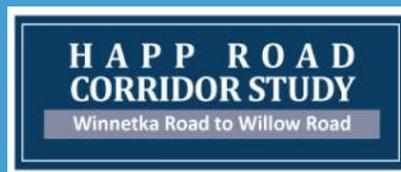
PERIMETER PARKING LOT LANDSCAPING



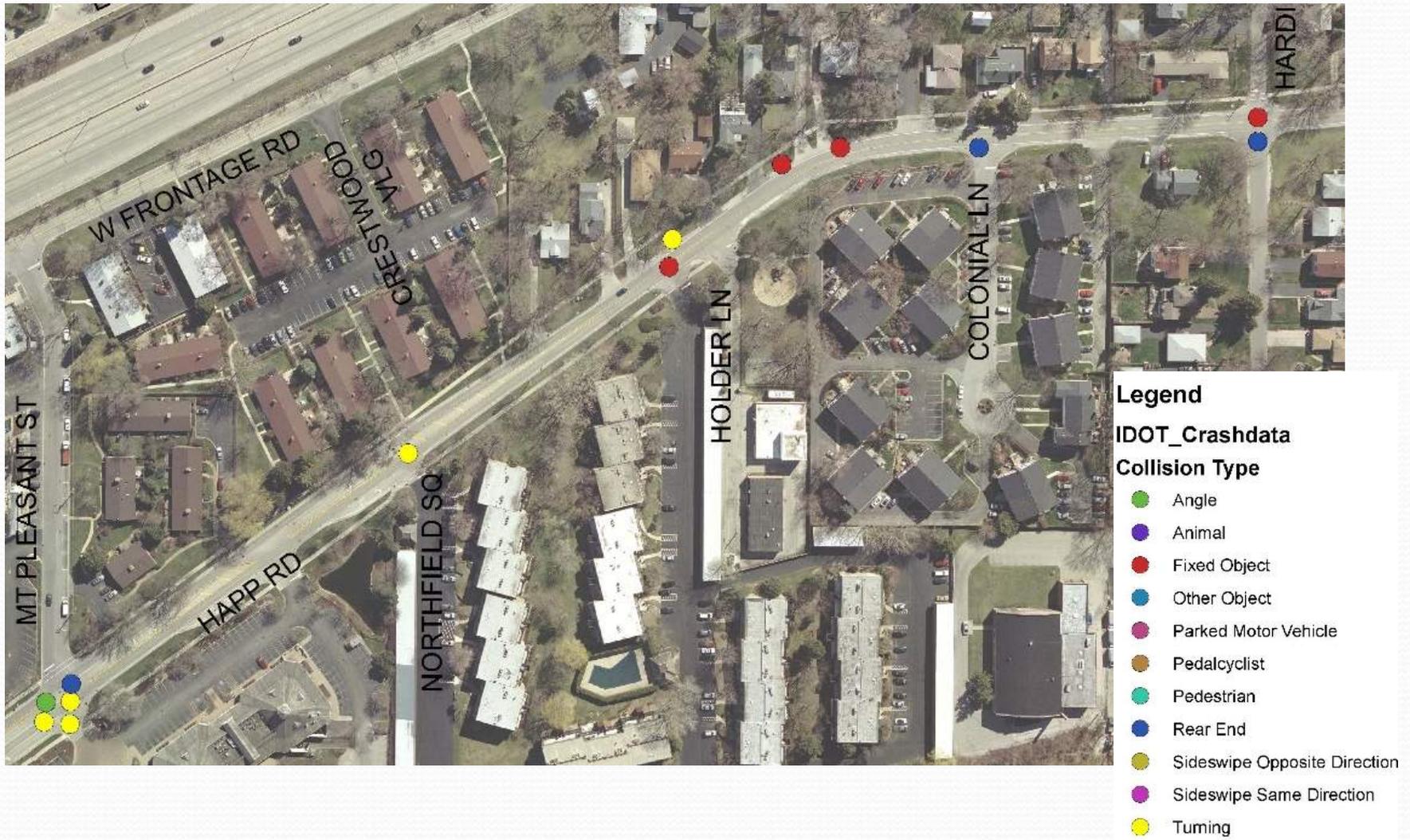
Happ Road Phase I Study

Village of Northfield

Middle Section (Happ Road Park Area)



Accident Location Map



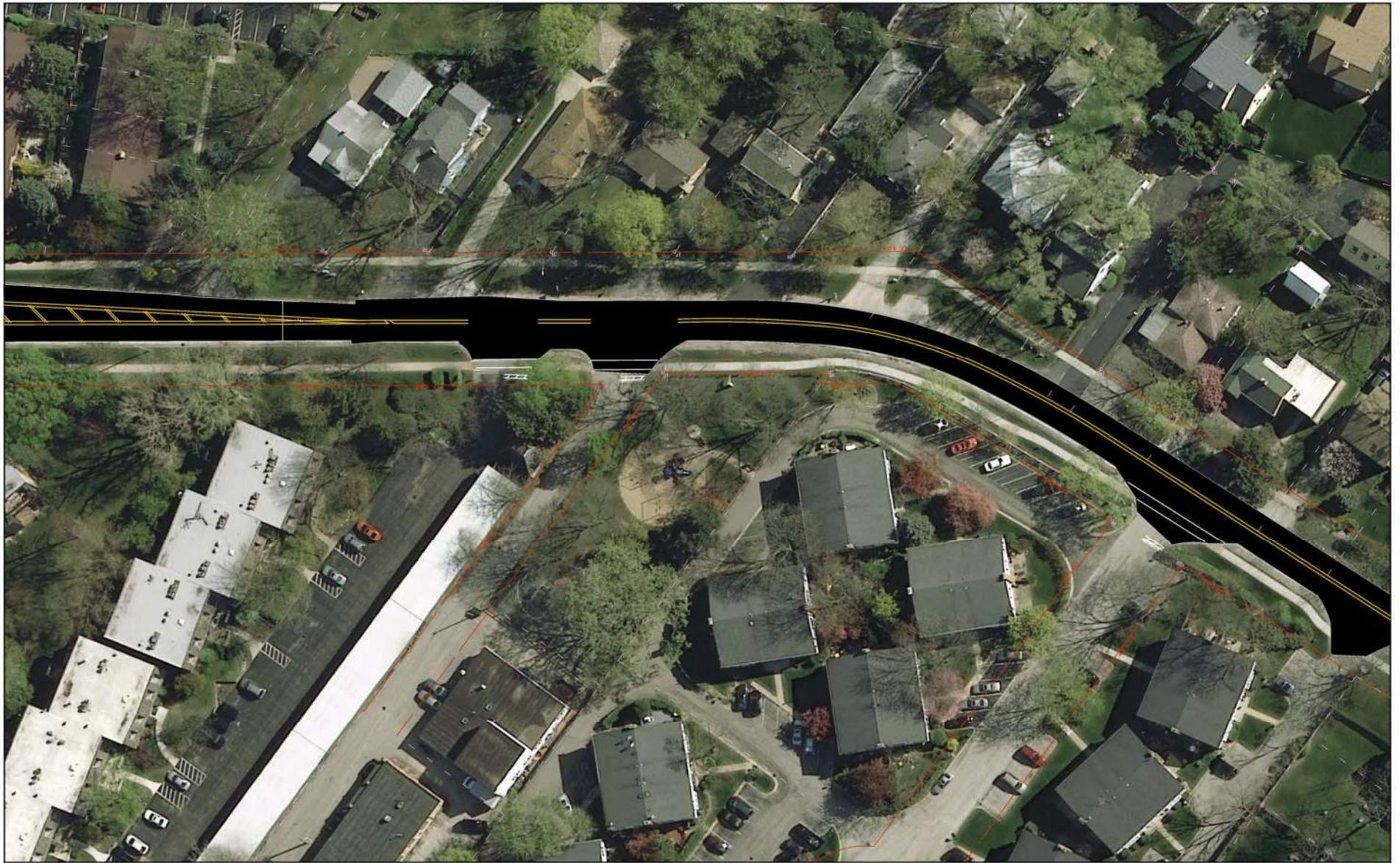
Happ Road Corridor Study

Existing Conditions



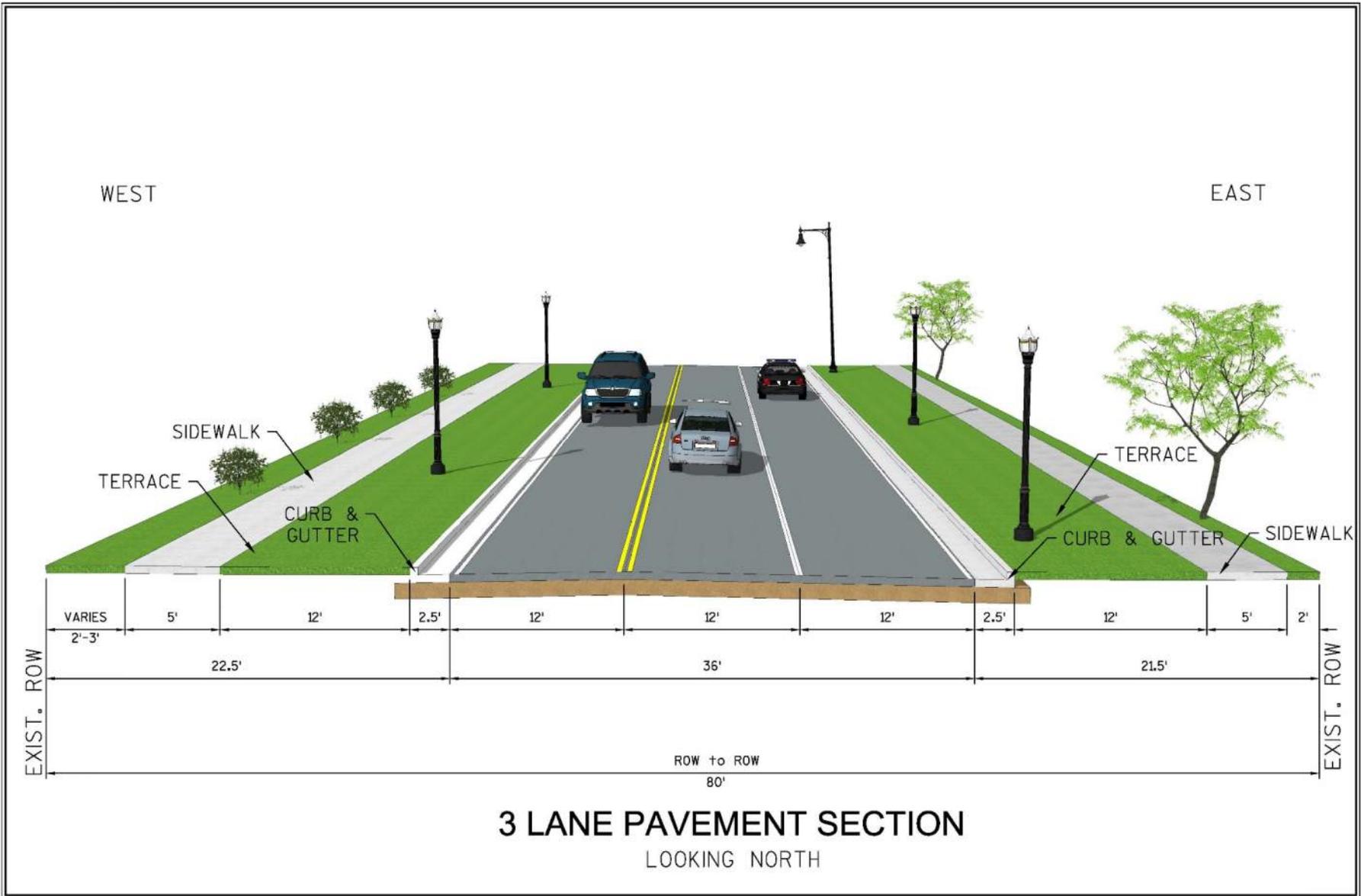
Happ Road Corridor Study from Winnetka Road to Willow Road

Existing Conditions

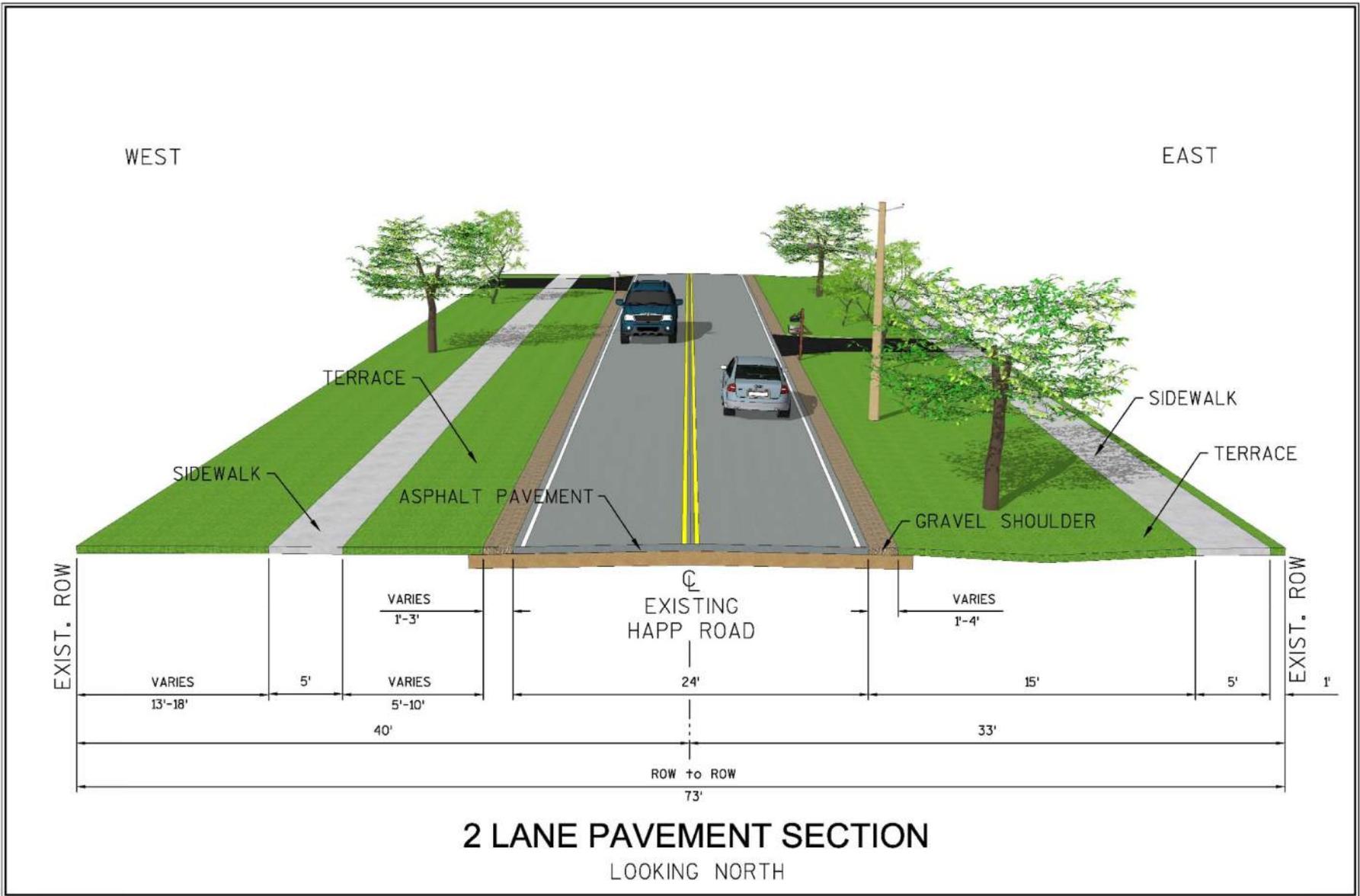


Happ Road Corridor Study from Winnetka Road to Willow Road

Existing Typical Sections



Existing Typical Sections



Happ Road – South of Downtown Alternative



Happ Road Corridor Study from Winnetka Road to Willow Road
Happ Road Corridor Study

Happ Road Park

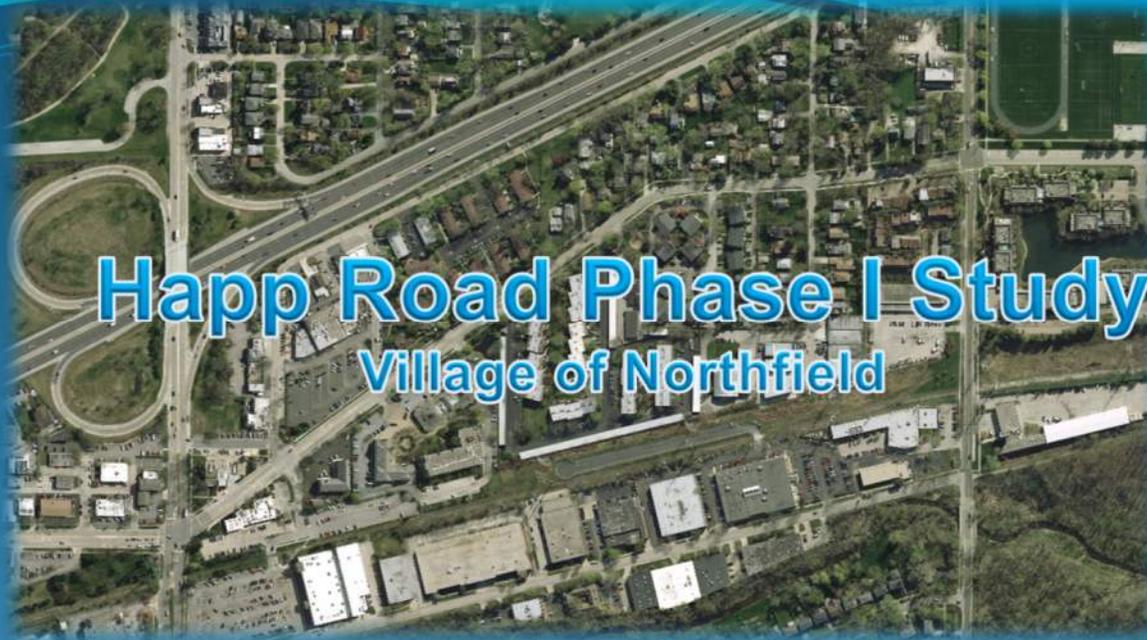
Alternative – Pedestrian Crossing



Happ Road Corridor Study from Winnetka Road to Willow Road



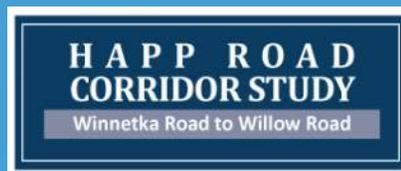
Happ Road Corridor Study



Happ Road Phase I Study

Village of Northfield

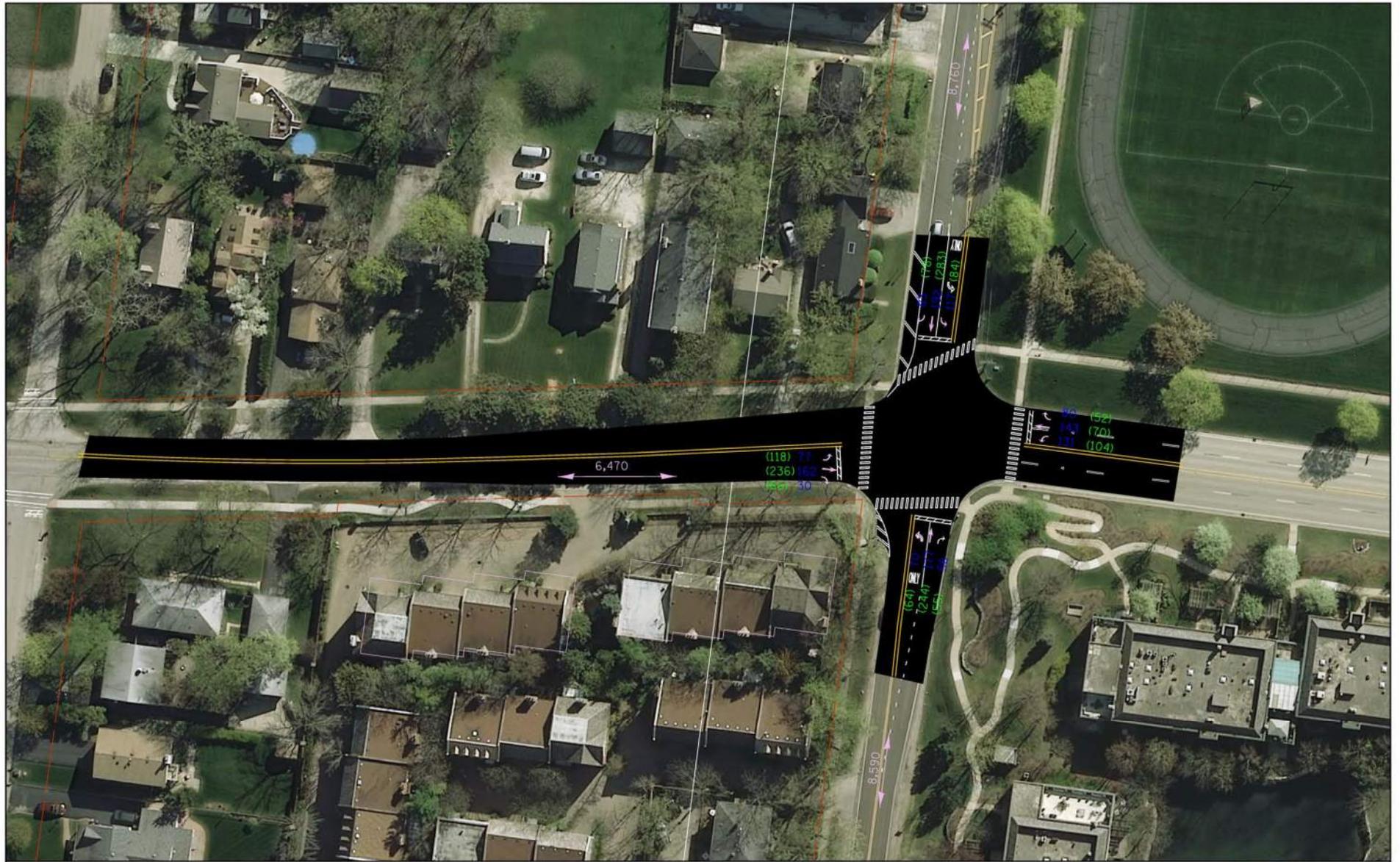
South Section (Winnetka Intersection)



Accident Location Map

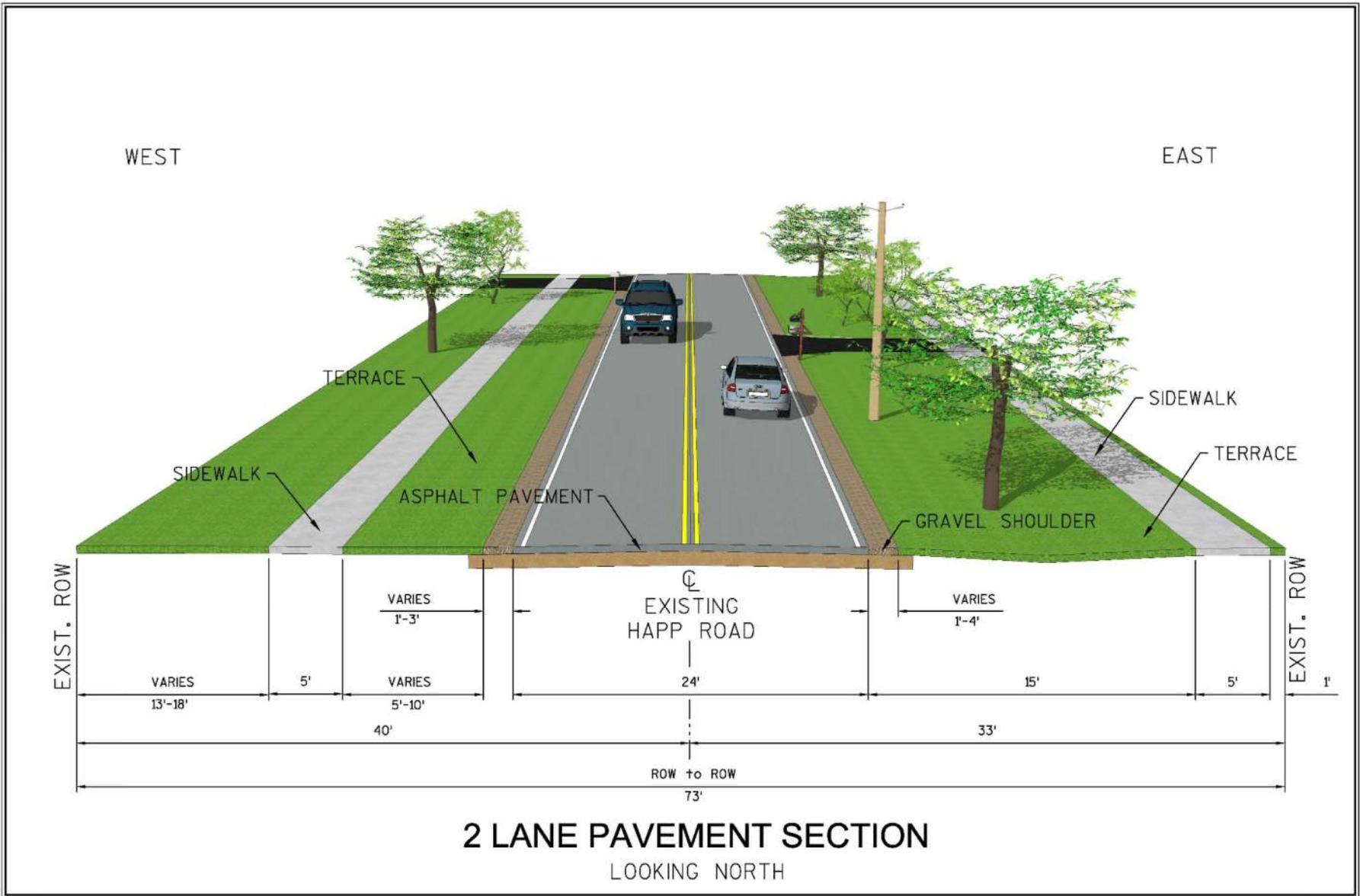


Existing Conditions

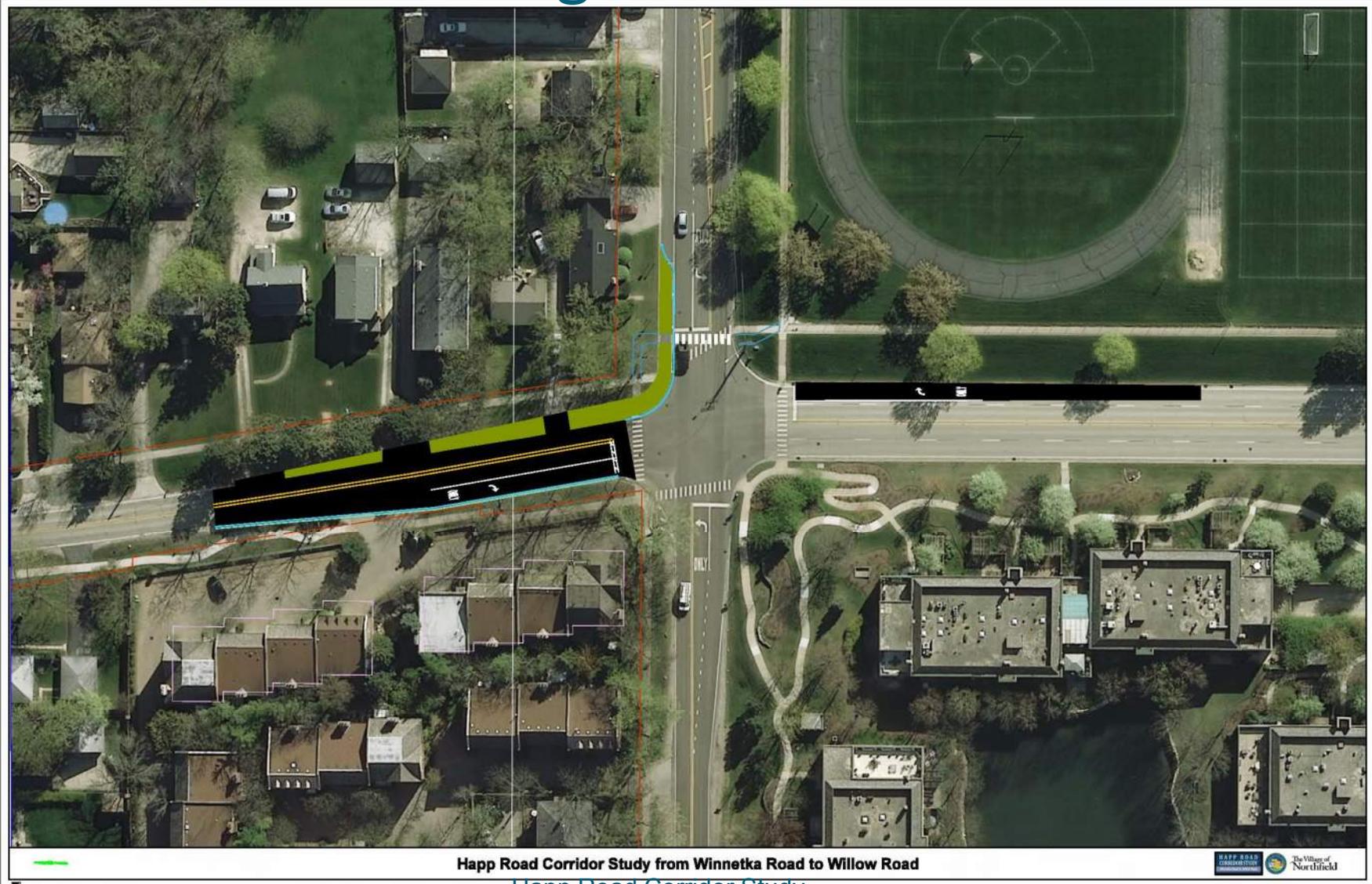


Happ Road Corridor Study from Winnetka Road to Willow Road

Existing Typical Sections



Happ Road – Winnetka Road Intersection Alternative – SB Right Turn Lane



Happ Road Corridor Study from Winnetka Road to Willow Road
Happ Road Corridor Study

Visual Preference Survey

A STRIPED CROSSING



B COLORED/TEXTURED CROSSING



C RAISED SPEED TABLE



PEDESTRIAN CROSSINGS

Visual Preference Survey

A

MANICURED LAWN



B

NATIVE PLANTINGS



PEDESTRIAN SIDEWALKS

Visual Preference Survey

A

**CURBED/
MANICURED LAWN**



B

**NO CURB/
NATIVE LANDSCAPE/
STORMWATER MANAGEMENT**



PARKWAY TREATMENT

Visual Preference Survey

A

CONTINUOUS ALONG THE ROADWAY

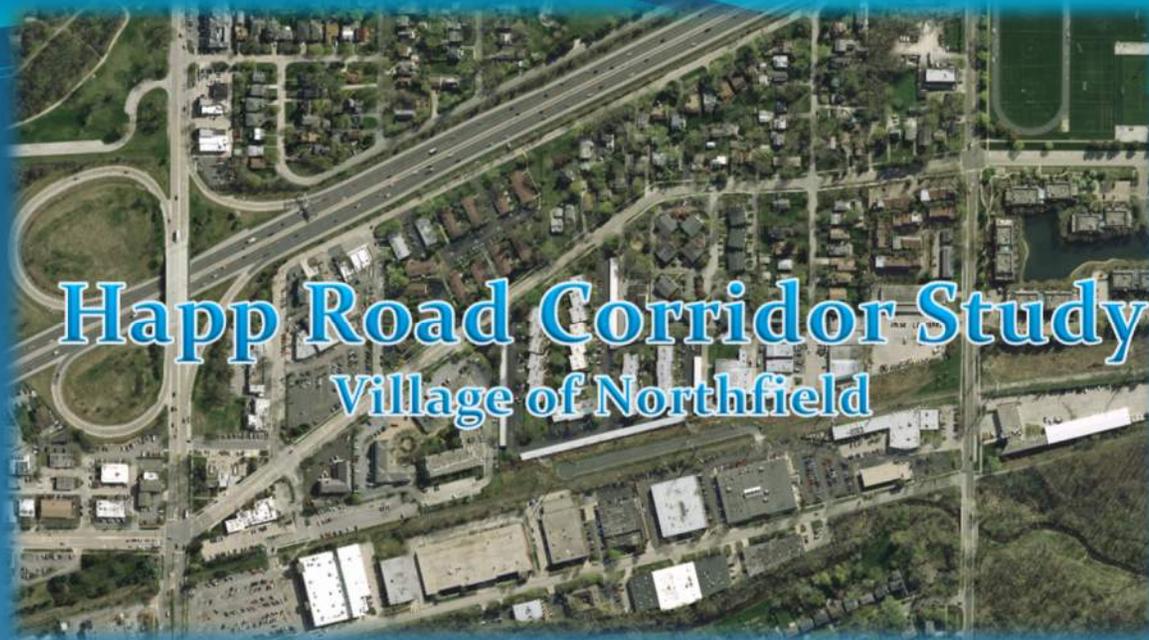


B

FOCUSED ON INTERSECTIONS ONLY



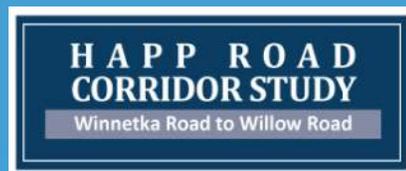
LIGHTING TREATMENT



Happ Road Corridor Study

Village of Northfield

Next Steps / Schedule

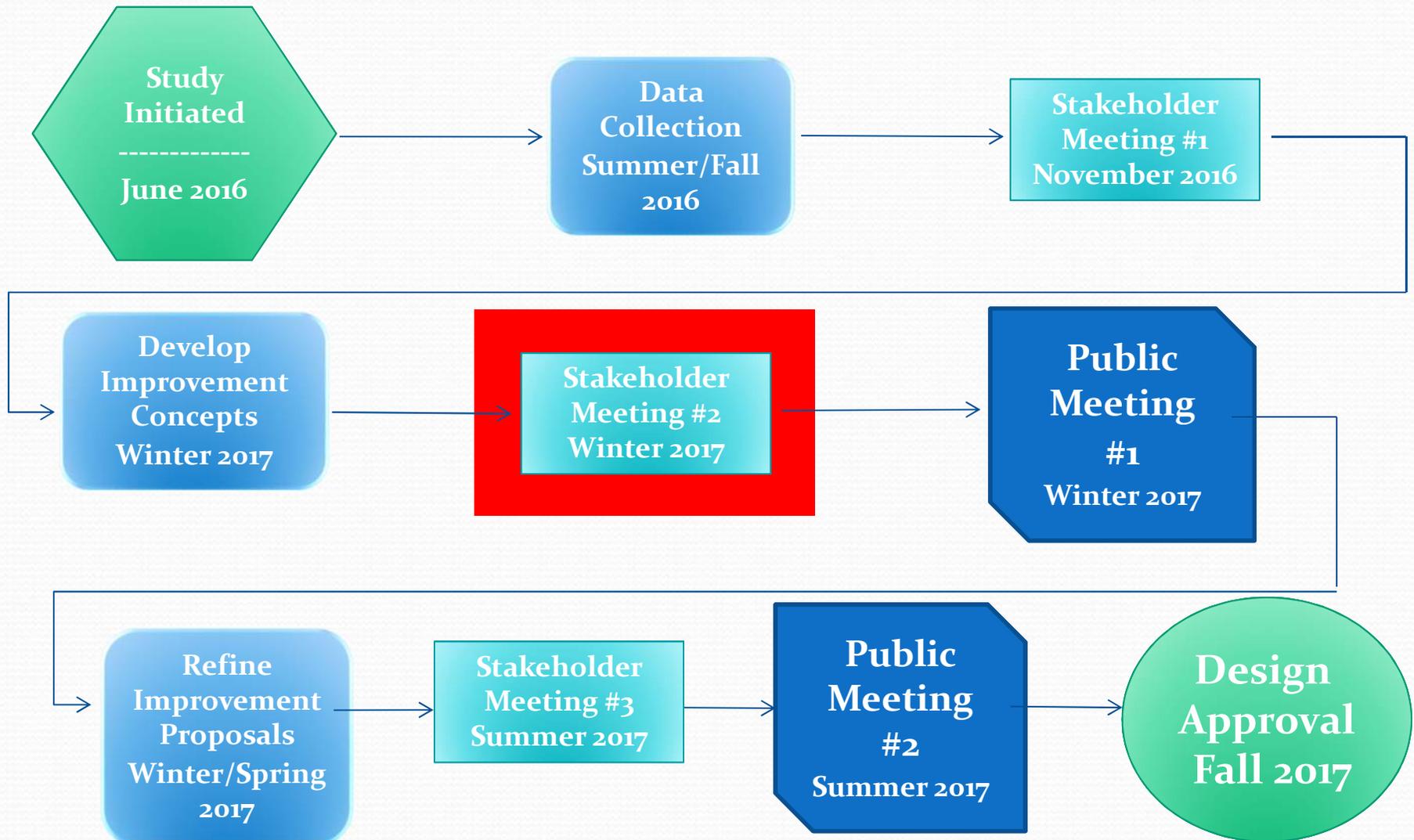




Next Steps

- Public Meeting
 - Potential Location
 - Planned Meeting Format
 - Notification
- Next Steering Committee Meeting
 - Summer 2017
 - Prior to 2nd Public Meeting

Study Schedule



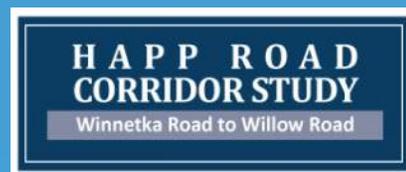
Thank you for participating!

See you next time.

If you have any questions in the interim, please contact
Stacy Sigman (ssigman@northfieldil.org)
at the Village of Northfield

Steve Lynch (slynch@patrickco.com)
at Patrick Engineering

www.HappRoadStudy.com



The Village of
Northfield

