

55TH STREET

**U.S. ROUTE 12/20/45 (LAGRANGE ROAD)
TO EAST AVENUE**

BUSINESS OUTREACH MEETING

Countryside City Hall

June 1, 2017



Illinois Department of Transportation

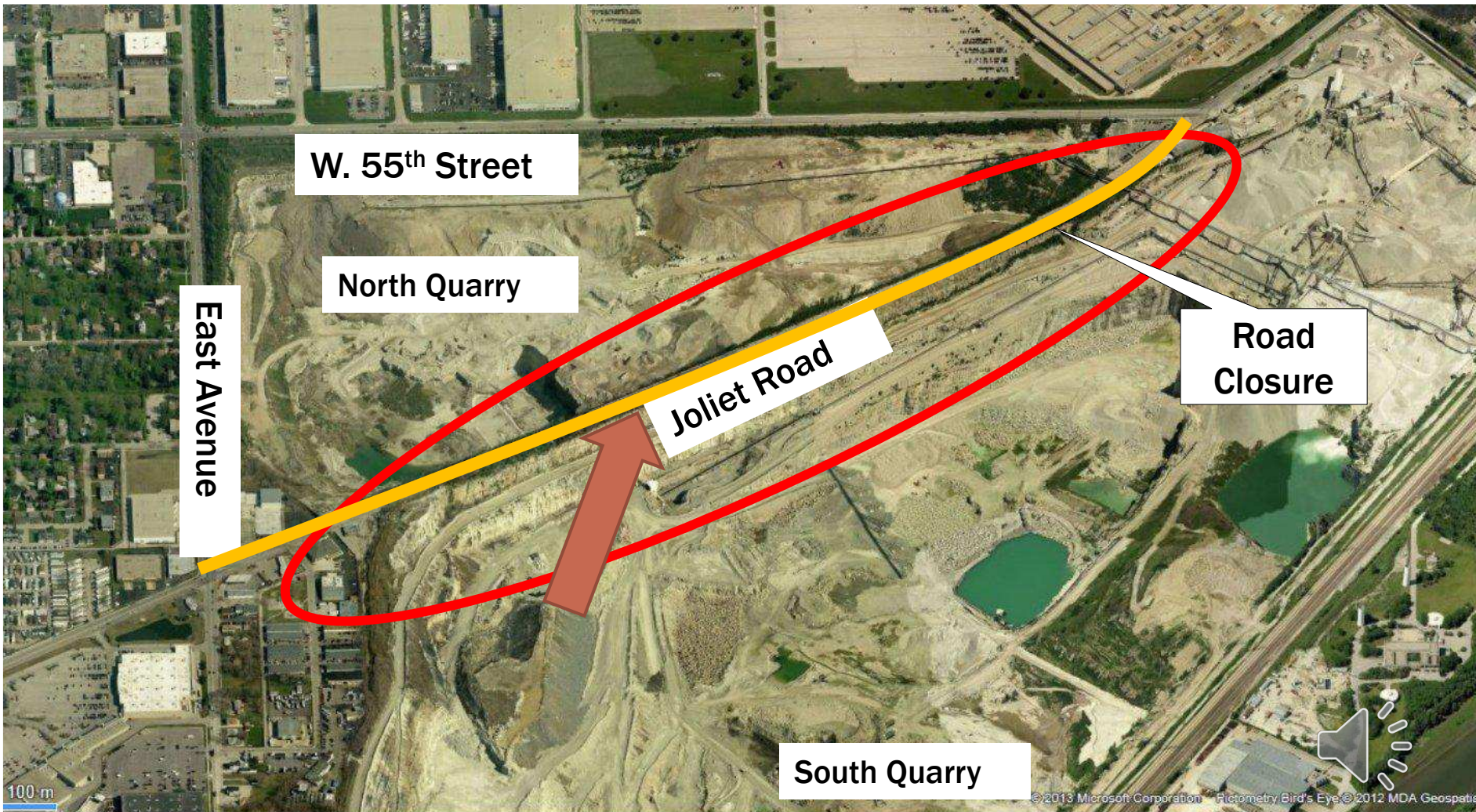


BUSINESS OUTREACH PURPOSE

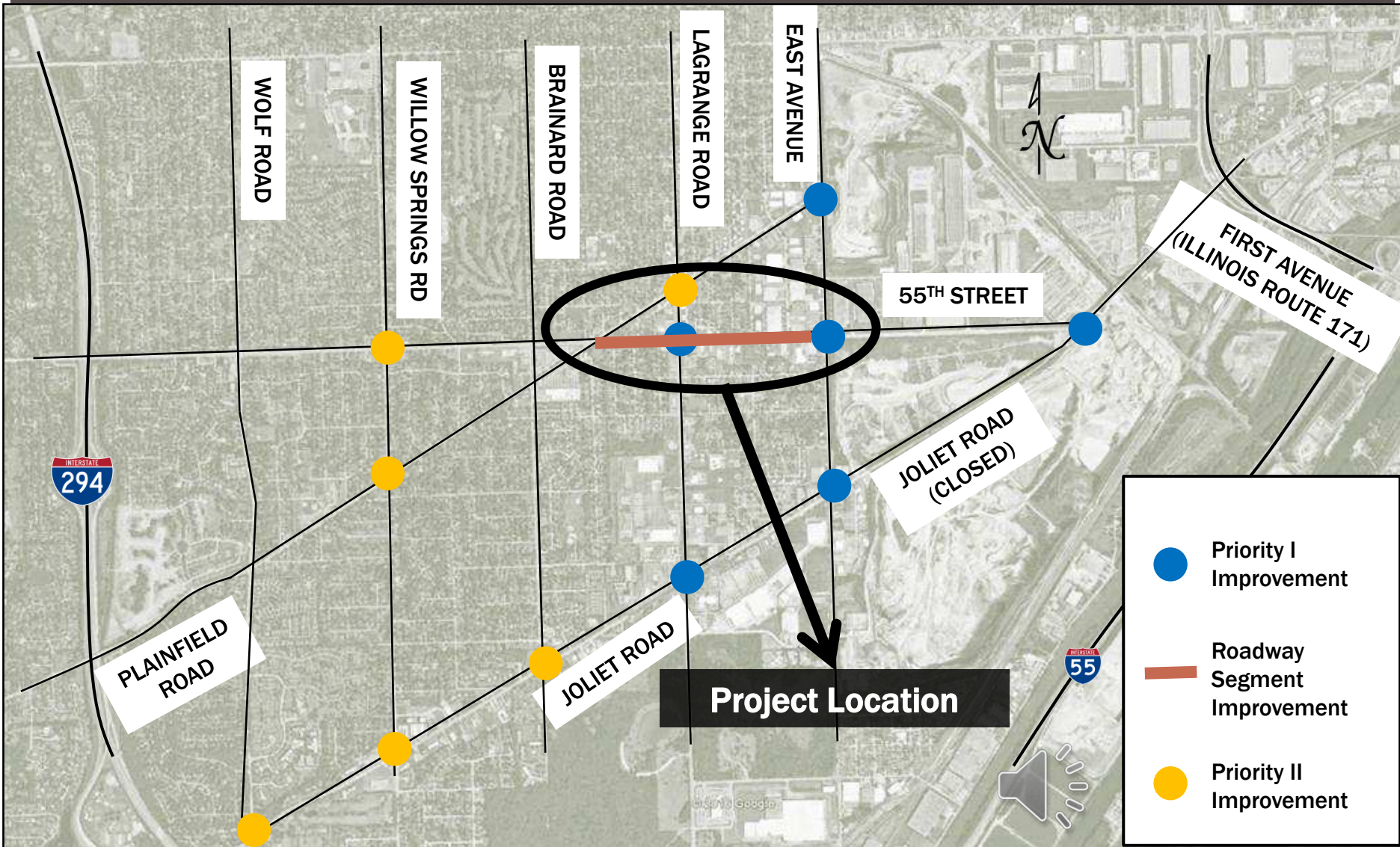
- ❖ Present project history and existing conditions
- ❖ Present improvement's purpose and need
- ❖ Present proposed scope of work
- ❖ Provide an opportunity for review and comment of proposed project plans
- ❖ Next steps in the Phase I process



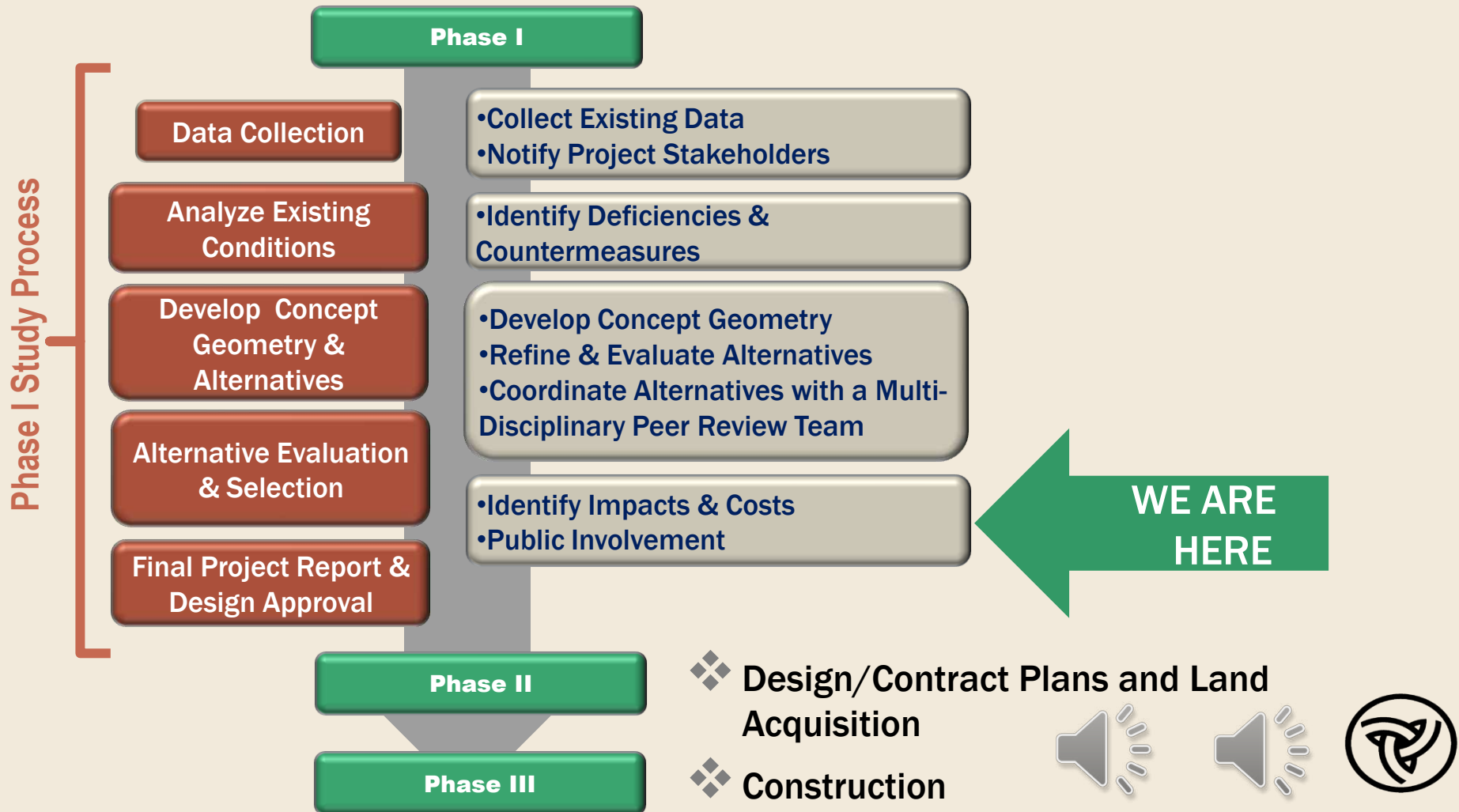
PROJECT HISTORY



PROJECT HISTORY



PHASE I STUDY PROCESS OVERVIEW



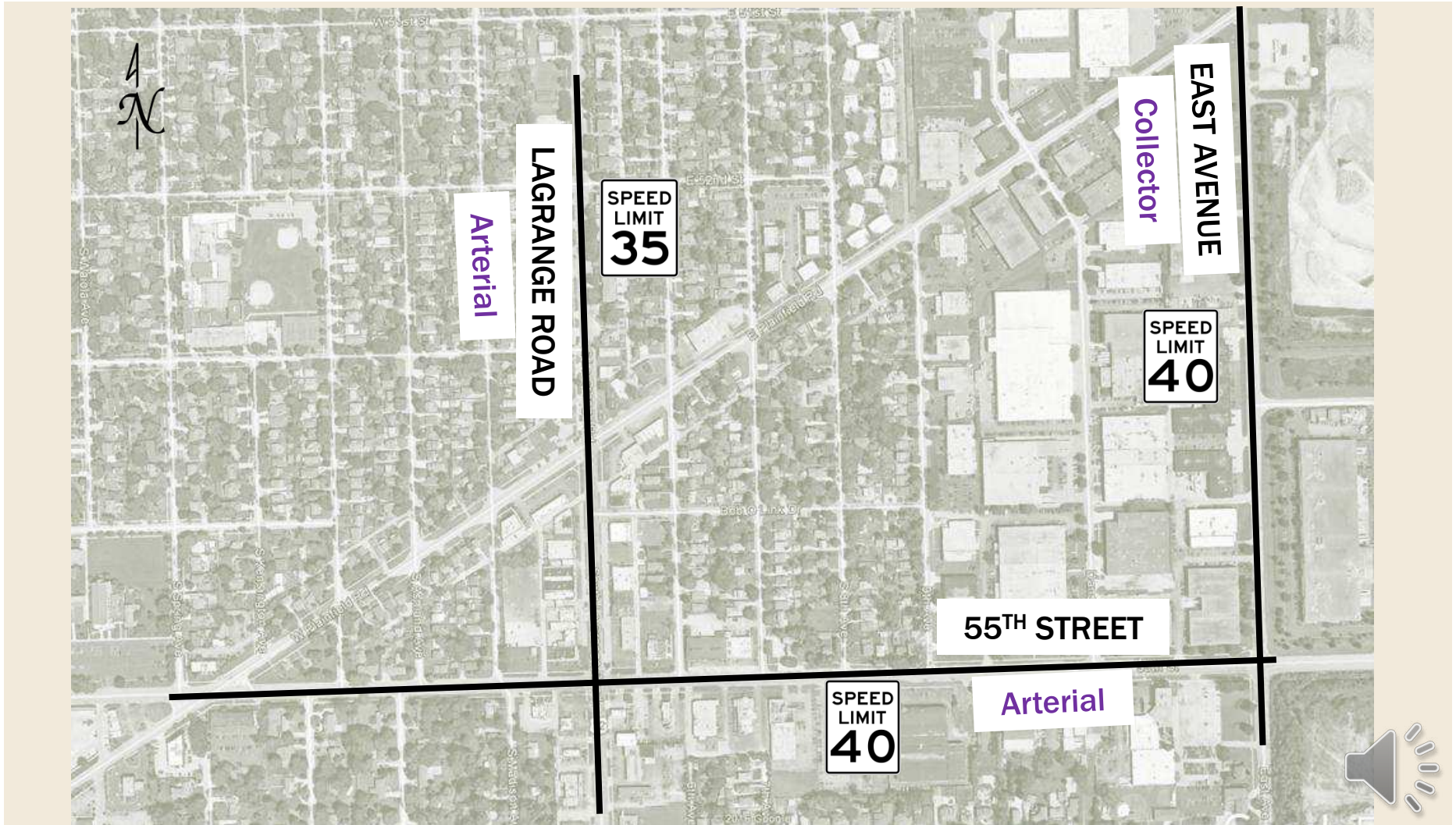
EXISTING CONDITIONS



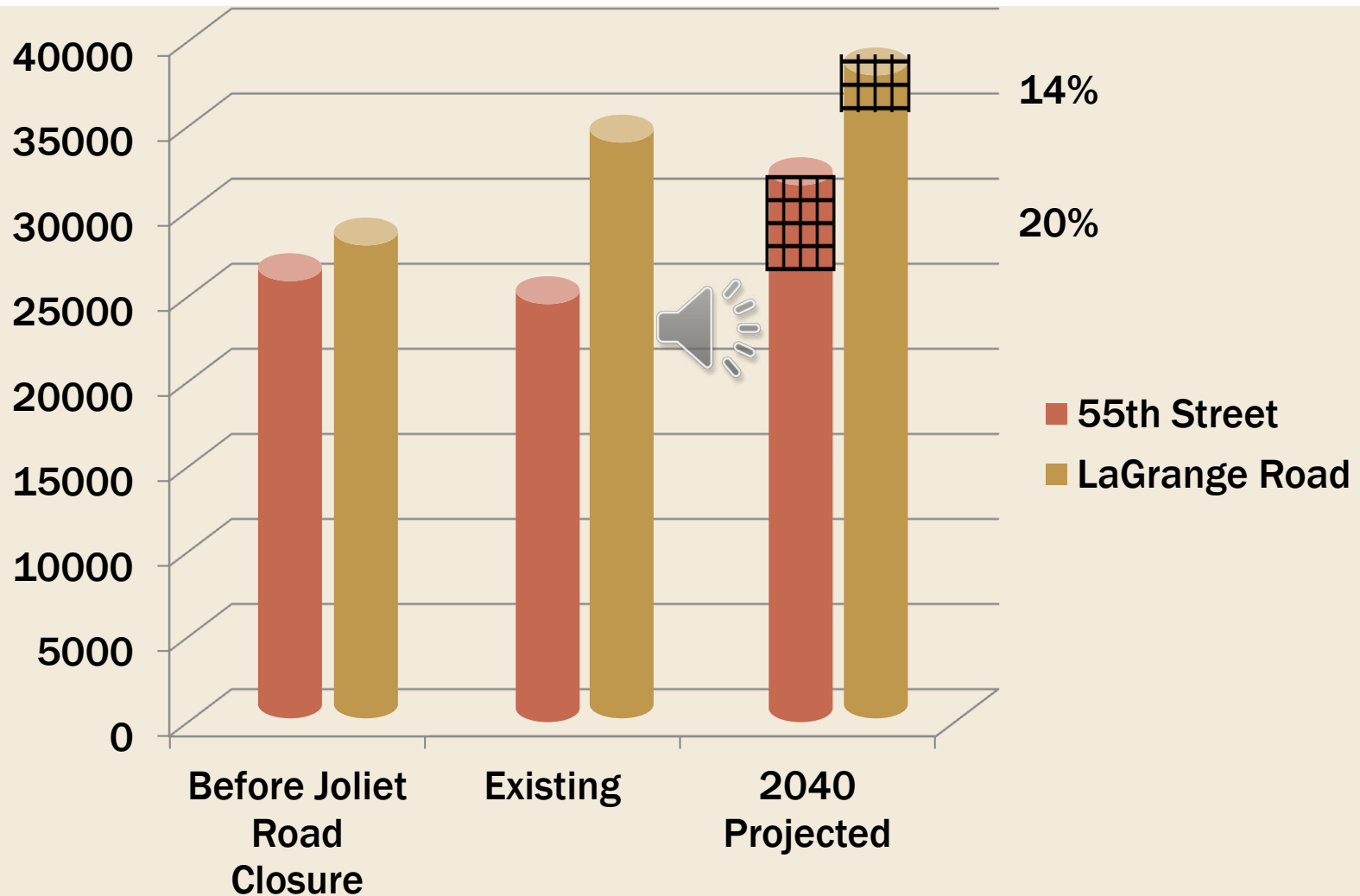
EXISTING CONDITIONS



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AVERAGE DAILY TRAFFIC (ADT)



CRASH DATA ANALYSIS



213 TOTAL CRASHES

55 (25.8%)

Crashes with injuries

0 Fatalities

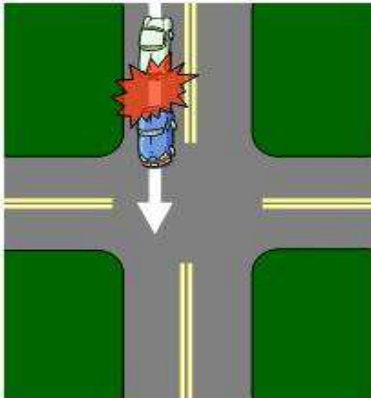
33 Minor Injuries

40 (18.8%)

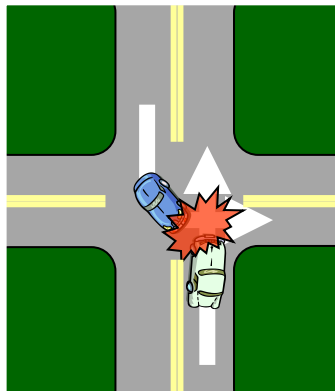
Crashes on wet pavement

155 (72.7%)

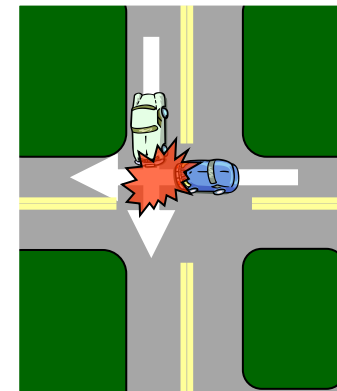
Crashes during daylight hours



REAR END
96(45.1%)



TURNING
72(33.8%)



ANGLE
20 (9.4%)



CAPACITY ANALYSIS

LEVEL OF SERVICE (LOS) DEFINED



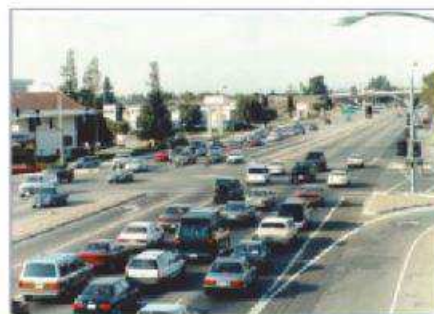
LOS "A"

INTERSECTION APPROACHES
APPEAR QUITE OPEN AND ALL
MOVEMENTS ARE EASILY MADE.
AVERAGE VEHICLE DELAYS ARE
LESS THAN 10 SECONDS



LOS "B"

STABLE OPERATION.
AVERAGE VEHICLE
DELAYS ARE 10 TO
20 SECONDS



LOS "D"

DELAYS TO APPROACHING
VEHICLES MAY BE
SUBSTANTIAL DURING
SHORT PERIODS, BUT
EXCESSIVE BACKUPS
ARE NEGLIGIBLE. AVERAGE
VEHICLE DELAYS ARE 35
TO 55 SECONDS.



LOS "E"

MAXIMUM
CAPACITY OF THE
INTERSECTION.
AVERAGE VEHICLE
DELAYS ARE 55 TO
80 SECONDS

LOS "F"

JAMMED CONDITIONS
WHERE THE INTERSECTION
IS OVER CAPACITY.
AVERAGE DELAYS EXCEED
80 SECONDS.

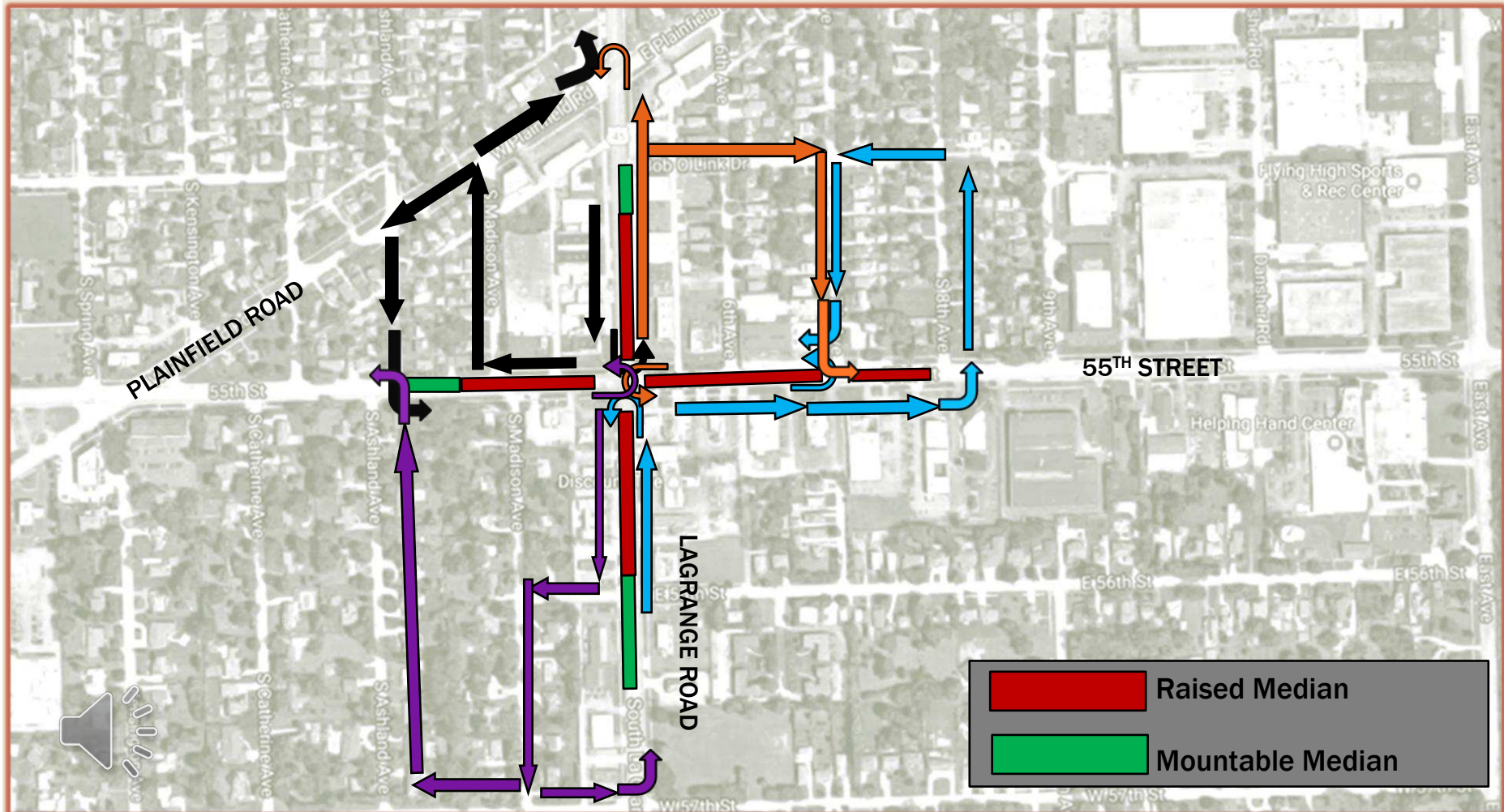


PROPOSED IMPROVEMENT

- ❖ Add auxiliary and center turn lanes
- ❖ Traffic signal modernization
- ❖ Pedestrian/Bicycle accommodations
- ❖ Lighting improvements
- ❖ Improve drainage within project limits
- ❖ Streetscape improvements



LEFT TURN OPTIONS NEAR BARRIER MEDIAN



LAND ACQUISITION

- ❖ Determine Ownership
- ❖ Independent Appraisal
- ❖ Negotiations
- ❖ Eminent Domain



LAND ACQUISITION

Three types of land acquisition

- ❖ Fee Simple (property purchase)
- ❖ Permanent Easement (permanent use of property by IDOT)
- ❖ Temporary Easement (temporary use of property by IDOT)



RIGHT-OF WAY REQUIREMENTS

- ❖ Approximately 0.22 acres of temporary easement
- ❖ Approximately 0.23 acres of fee simple easement
- ❖ Roadway Lighting, Traffic Signal Improvements
- ❖ Staging and construction



PARKING IMPACTS

❖ 126 parking spaces impacted

- Access to 125 parking spaces that illegally encroach on State right-of-way
- 1 legal space impacted due to proposed improvements

❖ 19 property owners impacted



PHASES OF IDOT PROJECT

PHASE I

- ❖ Purpose and needs identified
- ❖ ROW needs identified
- ❖ Public Hearing
- ❖ Project Approval



WE ARE HERE

PHASE II

- ❖ Design and contract plan preparation
- ❖ Land Acquisition

PHASE III

- ❖ Construction





**Illinois Department
of Transportation**

THANK YOU!

Business Outreach Meeting
Please send comments or questions to

DOT.55thStreet@illinois.gov

