

Village of Maywood I-290 Advisory Working Group Meeting #5

August 17, 2016



- ***AWG #4 Recap***
- ***Alternative 1 & 6 Traffic Comparison***
- ***Alternative 6 – Local Circulation***
- ***Other project benefits (recap)***
- ***Noise Walls Re-Evaluation Process***
- ***Next Steps***



AWG Recap

January
2016

- Stakeholder Concerns
- Additional Data Collection
- Additional Detailed Analysis
- Six Alternatives Developed and Scored



August
2016

Alternative 6 Preferred Alternative

■ **Alternative 6 – recommended:**

- *All ramps stay open*
- *Bataan Dr. & Harrison St. would not connect to 1st Ave.*
 - 90% of frontage road traffic is cut-through
- Provides greatest benefit to 1st Avenue

■ **Community benefits:**

- Local travel time improvements
- Drainage improvements
- Additional green space
- Bike/Pedestrian improvements
- Aesthetic improvement opportunities





Traffic Simulations

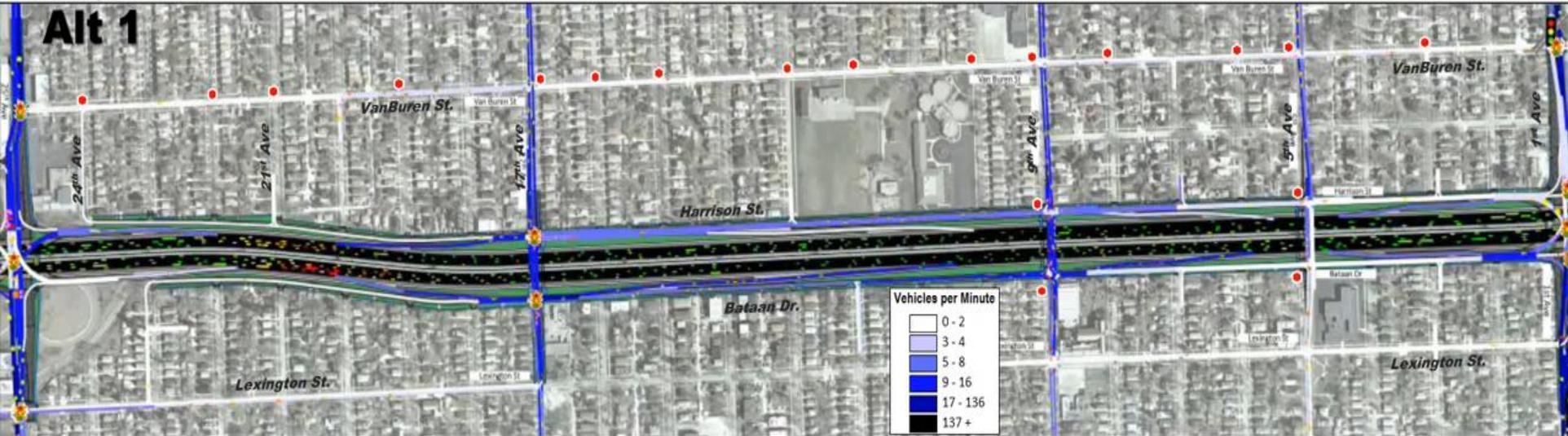
Traffic Simulation – Broader Network

25th to 1st Avenue – Broader Network 2040 PM Peak Period

Network Link Traffic Volumes (Link colors update at 15 second intervals)

4x time lapse

Alt 1



Alt 6



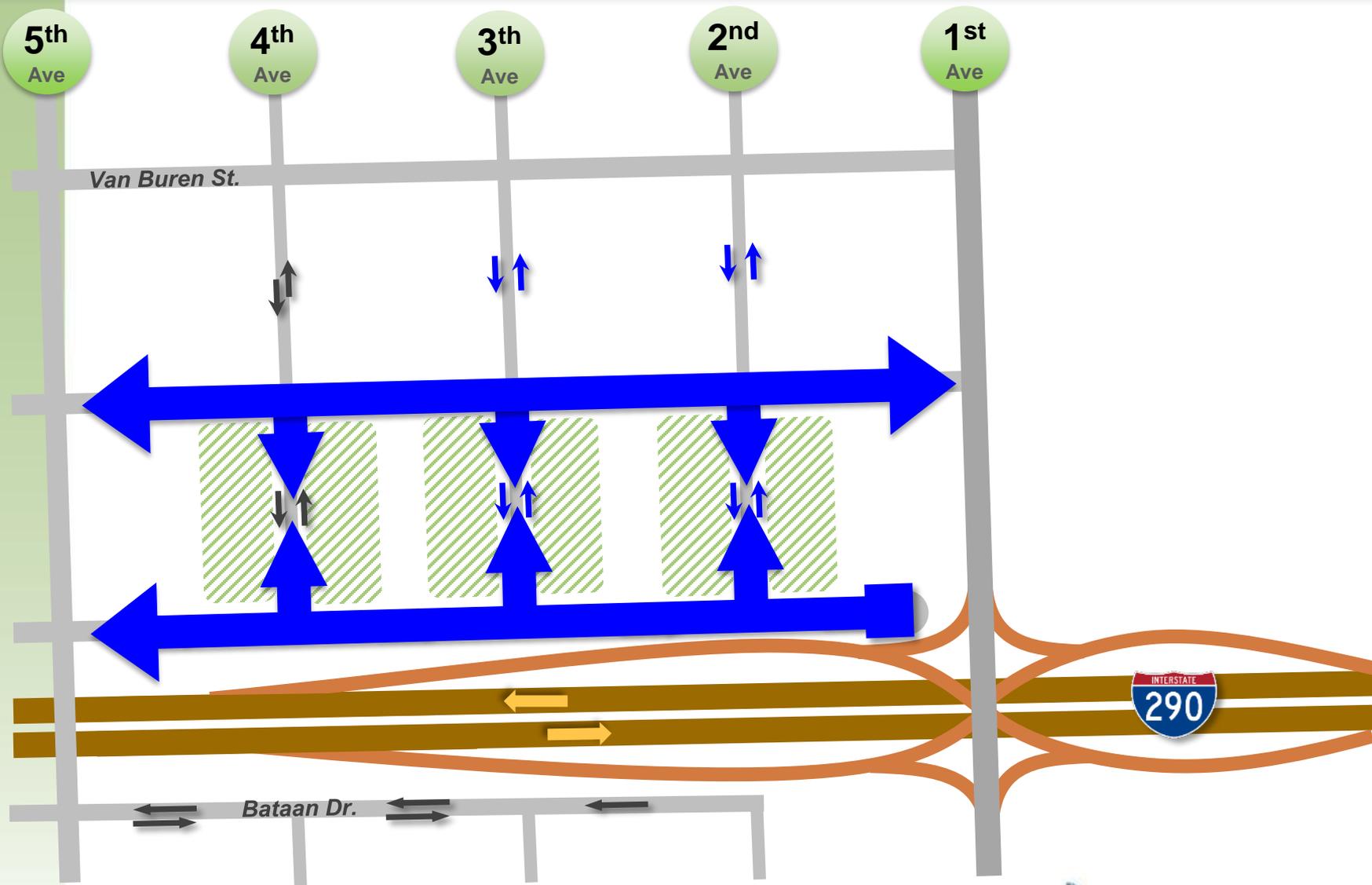


Alternative 6 Local Circulation

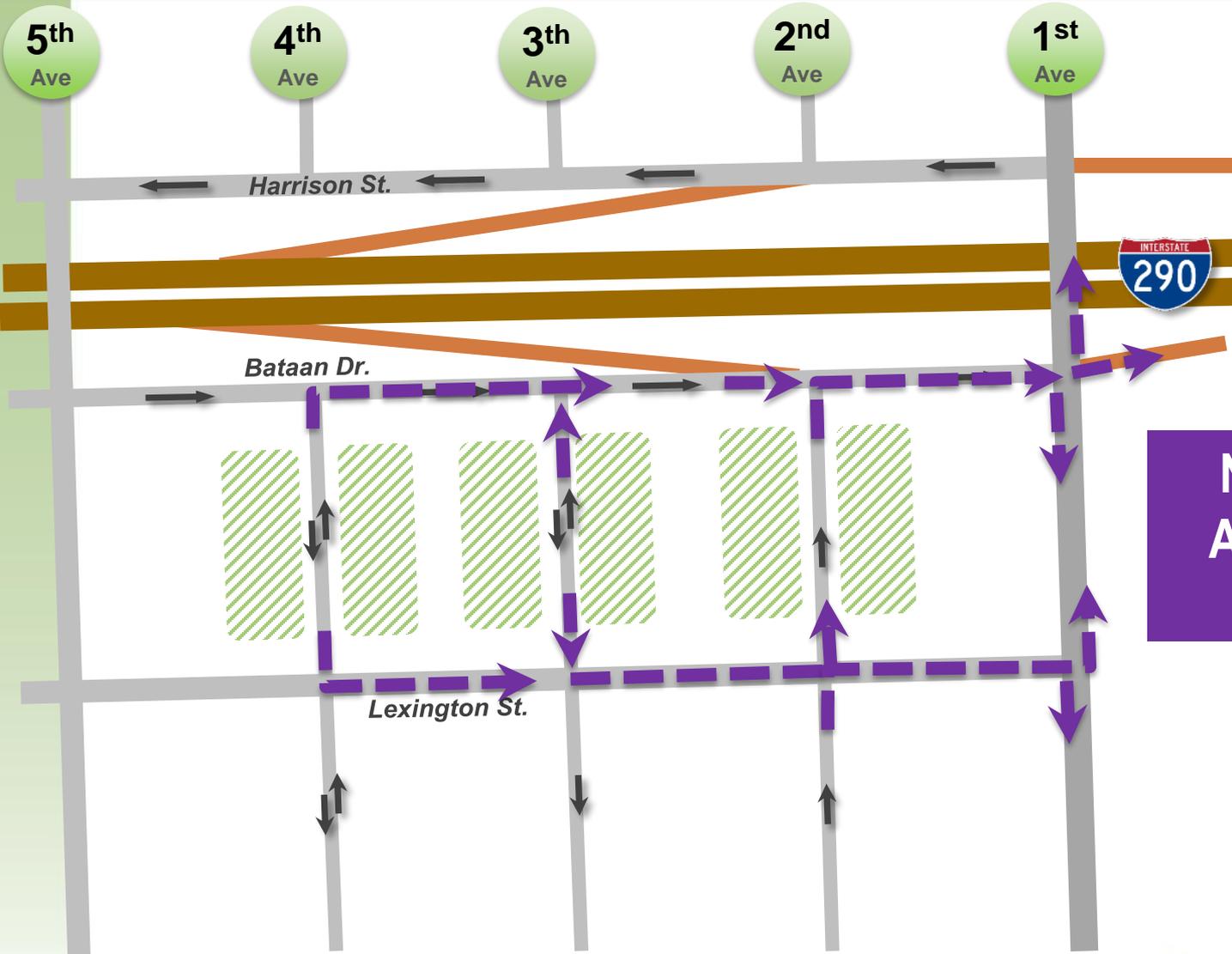
Local Access – Existing



Local Access – Proposed Alternative 6

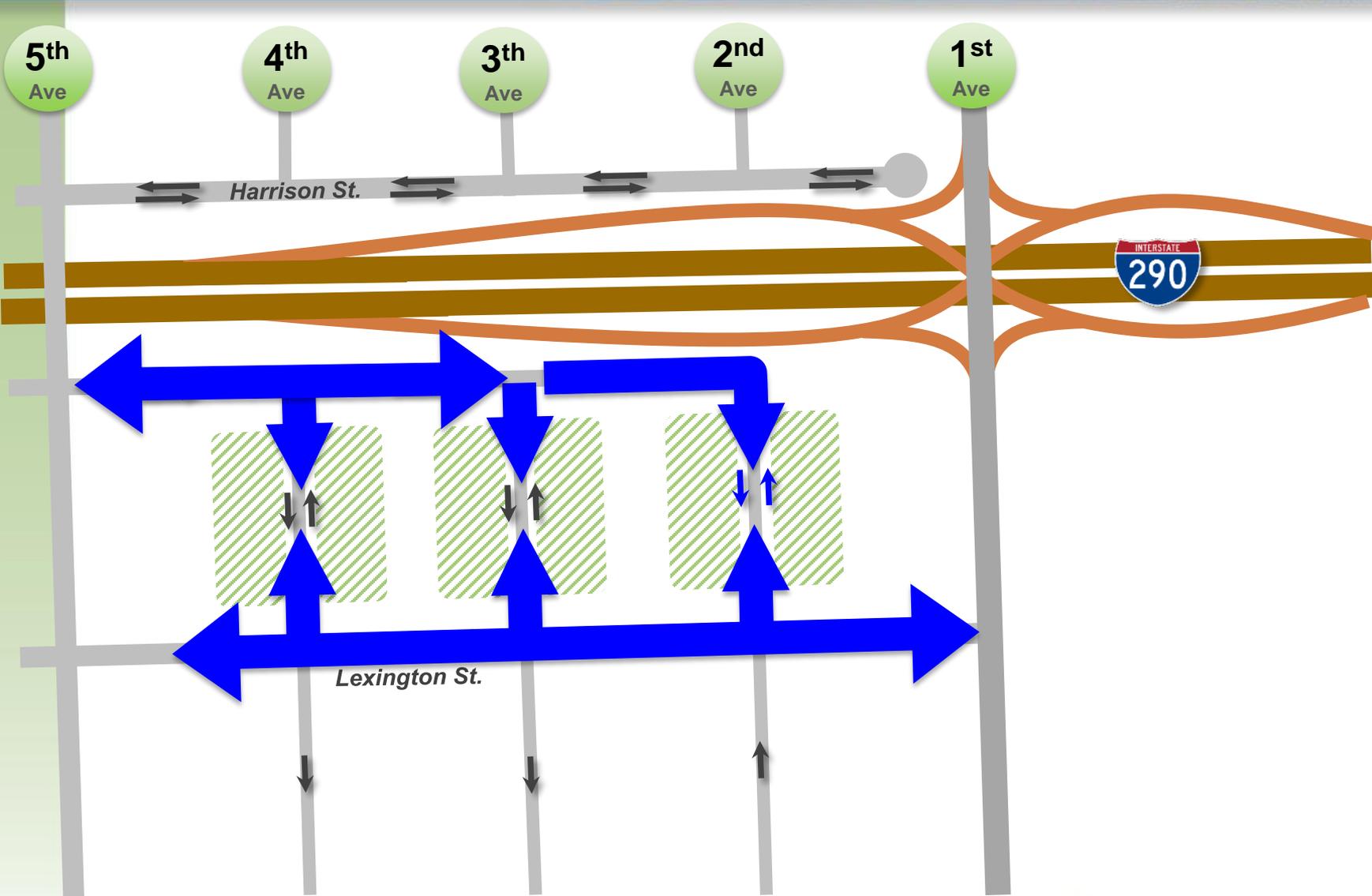


Local Access – Existing

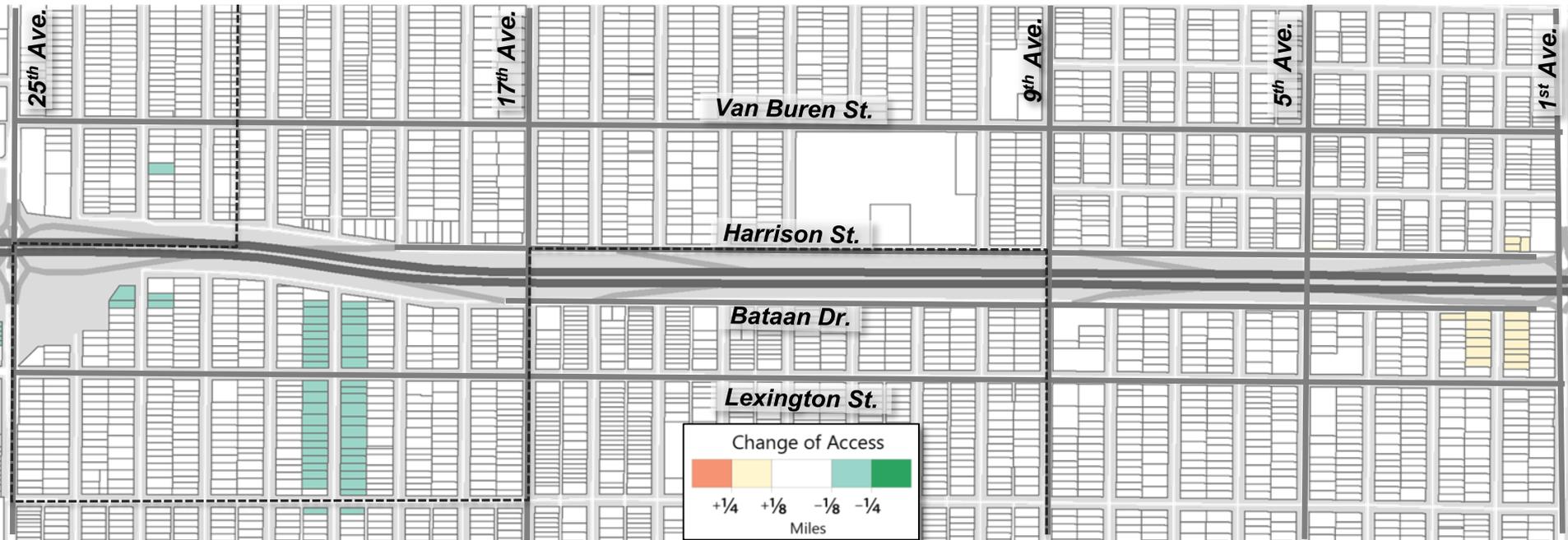


Neighborhood
Access to I-290
or 1st Avenue

Local Access – Proposed Alternative 6



ALTERNATIVE 6 – Average distance change in expressway access



- Compares Existing to Proposed Alternative 6
- Measures change in driving distance to over 3,500 parcels
- To & From I-290
- *Overall: 21 ft average travel distance reduction*

- ✓ **Alternative 6** eliminates cut through opportunities
- ✓ **Alternatives 1 & 6** have similar local traffic effects
- ✓ Local access patterns not significantly changed





Noise Wall Process

Process required by the Federal Highway Administration (FHWA)



- **Walls are proposed if they:**
 1. *Can be physically constructed*
 2. *Meet noise reduction & cost criteria*
 3. *Are locally supported / voted for*



VOTER ELIGIBILITY

- Property owners & tenants benefitted by a noise wall
- Benefit is defined as a 5 or more decibel decrease (exterior)

- **Ballot response rate**

- **33% is desired**, but not required
- A second ballot issued if initial mailing results in less than a 33% response rate

RESULTS

- Each wall voted on **individually**
- Voting results based on **return ballots only**
- **Simple majority** needed to implement a wall

■ Design (Phase II)

- Balloting revisited in Phase II if public sentiment has changed due to:
 - *Substantial time lapse since vote*
 - *Changes in wall technology/wall composition*
 - *Changes in policy*



■ Construction (Phase III)

- Cost of walls are covered by I-290 project
- IDOT maintains wall structure & highway wall face
- Local communities will be asked to maintain appearance of community wall face



25th Avenue to 1st Avenue Noise Wall Re-Evaluation and Voting Schedule

IDOT is reanalyzing noise walls for I-290 between 25th and 1st Avenues
as a result of the revised design developed in this area

AUGUST

SEPTEMBER

OCTOBER

Noise Wall Ballots Mailed

August 19, 2016

September 23, 2016

Analysis

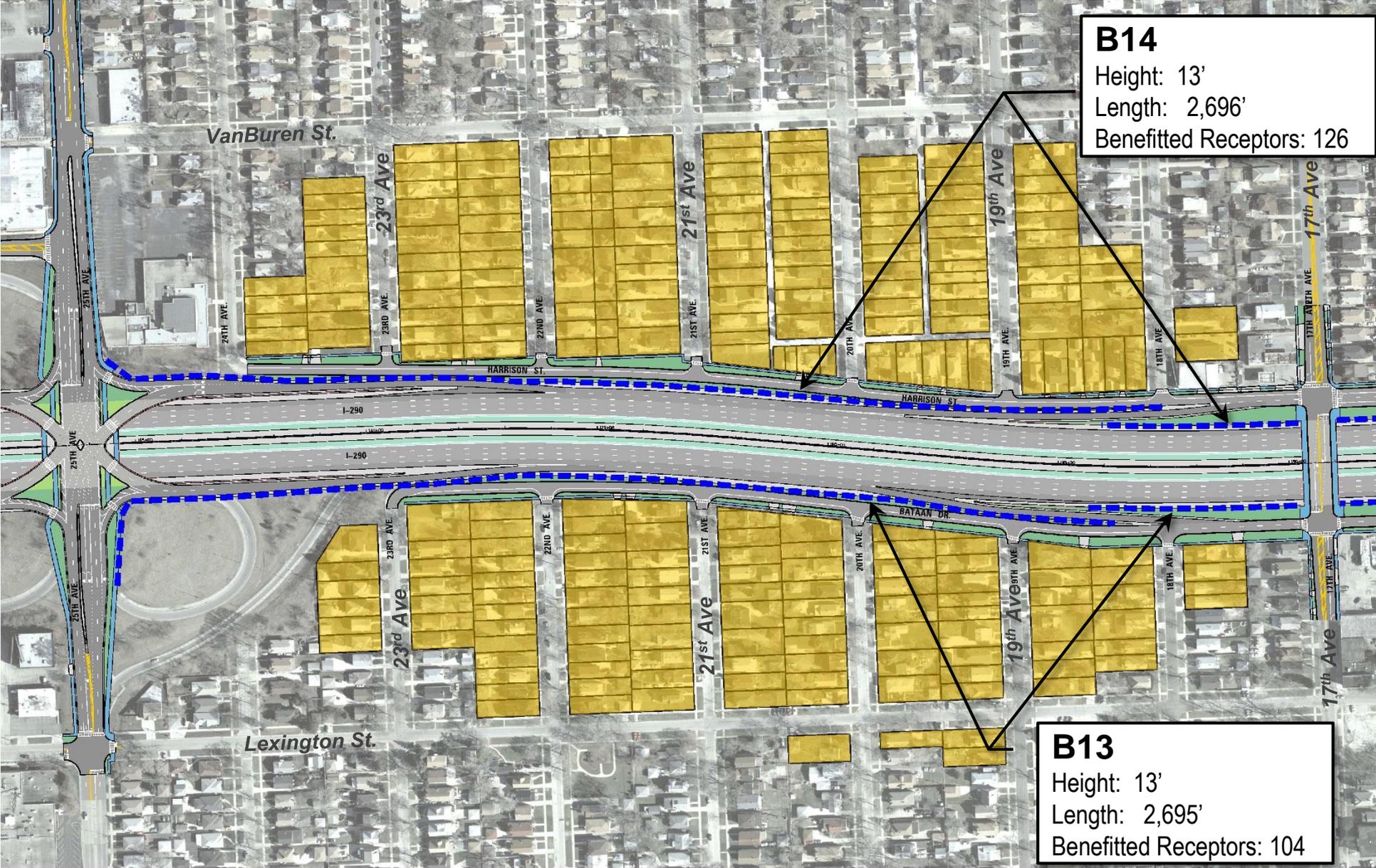
Noise Wall Voting

Add'l Voting (if needed)

Voting Complete

October 21, 2016

Benefitted Receptors

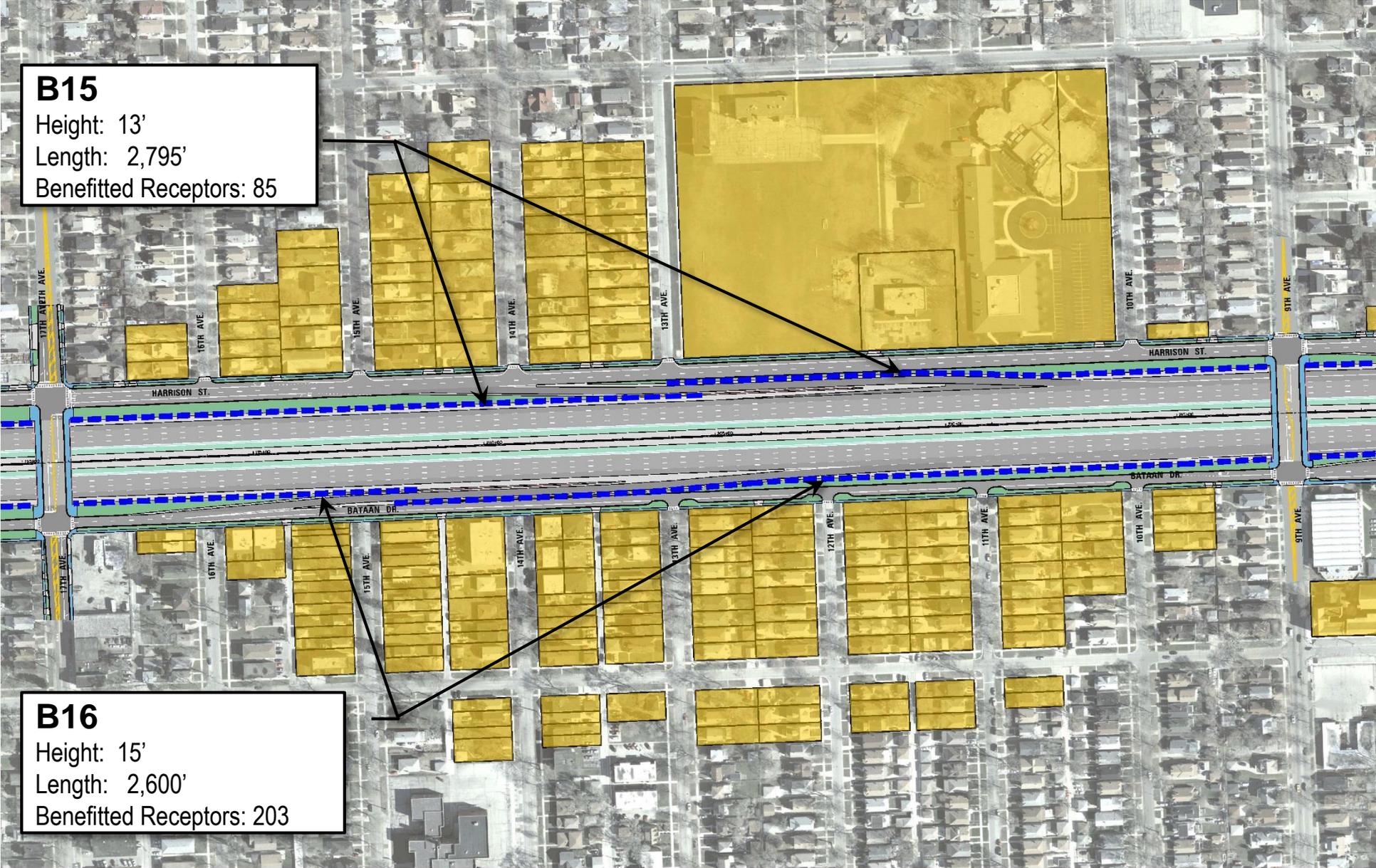


B14
Height: 13'
Length: 2,696'
Benefitted Receptors: 126

B13
Height: 13'
Length: 2,695'
Benefitted Receptors: 104

Benefitted Receptors

B15
Height: 13'
Length: 2,795'
Benefitted Receptors: 85



B16
Height: 15'
Length: 2,600'
Benefitted Receptors: 203

Benefitted Receptors

B18

Height: 15'
Length: 1,273'
Benefitted Receptors: 22

B20

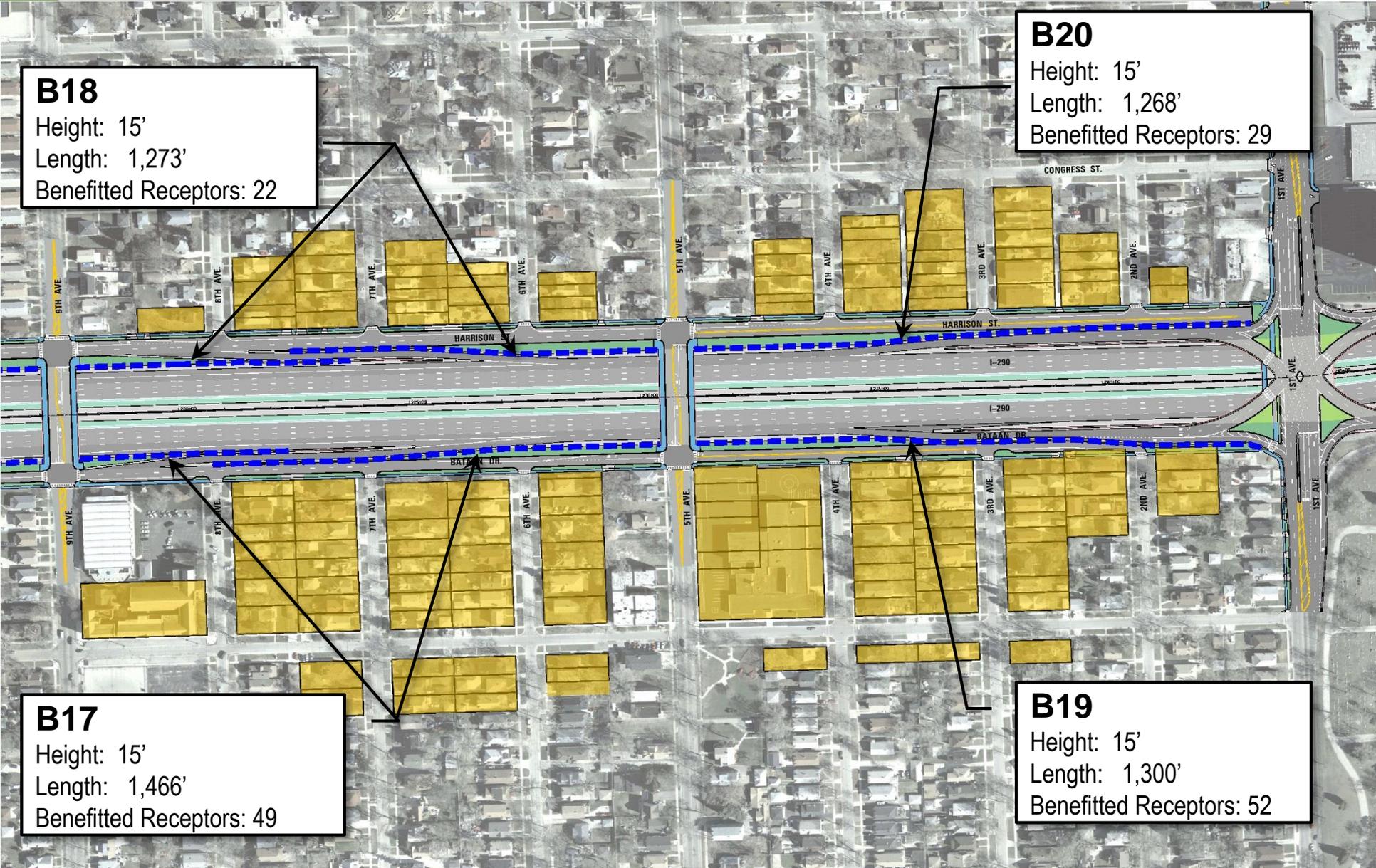
Height: 15'
Length: 1,268'
Benefitted Receptors: 29

B17

Height: 15'
Length: 1,466'
Benefitted Receptors: 49

B19

Height: 15'
Length: 1,300'
Benefitted Receptors: 52



Noise Wall Ballot Mailing



I-290 Noise Wall Viewpoints
 Illinois Department of Transportation
 c/o Huff & Huff Inc.
 915 Higgins Road, Suite 330
 Oak Brook, IL 60523



Resident/owner name
 Street Address
 City, State, Zip



Project and Environmental Studies
 Eisenhower Expressway (I-290)
 West of Mannheim Road to Racine Avenue
 Cook County

August 18, 2016

RE: I-290 Noise Barrier Viewpoint Solicitation
 FIRST NOTICE – REVISED NOISE WALL DESIGN

Dear Property Owner or Resident,

The Illinois Department of Transportation (IDOT) is conducting Preliminary Engineering and Environmental (Phase I) studies for the Eisenhower Expressway (I-290) project. The purpose of the I-290 study is to improve mobility, safety, and facility condition/design along the I-290 multimodal corridor. The proposed I-290 improvements extend from west of Mannheim Road to Racine Avenue and include:

- Complete reconstruction of I-290 from west of Mannheim Road to east of Cicero Avenue including adding a 4th travel lane in each direction between Mannheim Road and Central Avenue.
- Reconstruction of all crossroad bridges between 25th Avenue and Cicero Avenue including improved bicycle and pedestrian facilities. The bridges between Cicero Avenue and Racine Avenue are being analyzed as part of a separate study.
- Resurfacing I-290 from east of Cicero Avenue to Racine Avenue.
- New Interchanges at 25th Avenue, 17th Avenue, 9th Avenue, 1st Avenue, Des Plaines Avenue, Harlem Avenue, Austin Boulevard, Central Avenue, Laramie Avenue and Cicero Avenue.
- Keeping all existing expressway ramps open.
- A two-mile shared-use trail (IL Prairie Path extension).
- Improved access to CTA Blue Line stations for buses, bicycles and pedestrians.

In September of 2015, you may have received and responded to a similar letter regarding a proposed noise wall in your area. Since then, as part of ongoing local community coordination and in response to local stakeholder concerns, the proposed expressway design has been revised and all existing ramps between 25th and 1st Avenue are proposed to remain open. This design change from September of 2015 required that noise walls be fully re-evaluated between 25th Avenue and 1st Avenue and a new noise wall vote be conducted. This ballot supersedes and replaces any previous ballot you may have received.

As part of the environmental studies for this project, traffic noise was evaluated for the proposed improvements as well as the No-Build or do-nothing option, per Federal requirements. The analysis found that with the proposed improvements, the predicted future noise levels in your area justify the installation of a noise wall. Based on this study, a noise wall is recommended in your area. The enclosed exhibits show the location of the noise wall and an example rendering of a wall of similar height.

... public opinion into account before a final decision is made on the construction of noise wall. A property owner who is properly "benefitted" by a noise wall may vote in favor of or against the wall. A property owner who is not benefitted by a wall when the proposed wall results in a noticeable reduction in noise level, which is defined as five decibels or more. If more than half of the votes received are in favor of the wall, the wall will likely be included in this project. A final decision on the installation of abatement will be made upon completion of the project's final design and the public involvement process is completed.

... if your property or unit has been found to be benefitted from the noise wall shown in the enclosed DOT respectfully requests your vote for or against the noise wall. Additional public information regarding the appearance, materials, and maintenance of the wall will be needed after process is completed.

... information is available on the project website <http://eisenhowerexpressway.com> and in traffic noise handbook: <http://www.dot.illinois.gov/Assets/uploads/files/Doing-It-Right-Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/HighwayTrafficNoiseAssessmentManual.pdf>

... A public meeting to review the current status of the I-290 project will be held on August 31, 2016. Project representatives will be available to discuss noise walls and other aspects of the project. Meeting details are listed below.

Date: August 31, 2016
 Location: Provier Math and Science Academy
 8501 W. Roosevelt Road, Forest Park, IL
 Time: 6:00 to 8:00 PM

... This is a "Viewpoint Form" for you to vote for or against the recommended noise wall in your area. To vote, please complete and return the form by **September 9, 2016** using a self-addressed, stamped envelope. If you have any questions or need additional information, please contact me or Mark Peterson, Project Manager, at (847) 705-4569.

Yours,
 Peter E. Harnet, P.E.
 Director of Highways
 and Engineering

By:

Peter E. Harnet, P.E.
 Bureau Chief of Programming

Enclosures

Benefitted Receptor Viewpoint Form

Project and Environmental Studies
 Eisenhower Expressway (I-290)
 West of Mannheim Road to Racine Avenue
 Cook County

Date: _____

Do you support the construction of the noise wall?

_____ Yes

_____ No

Name: _____

Address: _____

Signature: _____

Owner of this property: _____ Tenant on this property: _____

Comments:

Please respond by **September 9, 2016**. Thank you for your participation!

Please return this form in the enclosed envelope, to:

I-290 Noise Wall Viewpoints
 Illinois Department of Transportation
 c/o Huff & Huff, Inc.
 915 Harger Road, Suite 330
 Oak Brook, IL 60523

16184120280000 / B37 / R99-29



Noise Wall Visualizations

Existing



1

Harrison St. & 21st Avenue
Bellwood

Noise Wall Visualizations



With Noise Wall



1

Harrison St. & 21st Avenue
Bellwood

Noise Wall Visualizations



Existing



2

Bataan Drive & 18th Avenue
Maywood

Noise Wall Visualizations



With Noise Wall

IN PROGRESS



2

Bataan Drive & 18th Avenue
Maywood

Noise Wall Visualizations



Existing



3

Bataan Drive & 15th Avenue
Maywood

Noise Wall Visualizations



With Noise Wall



3

Bataan Drive & 15th Avenue
Maywood

Noise Wall Visualizations

Existing



4

Bataan Drive & 8th Avenue
Maywood

Noise Wall Visualizations



With Noise Wall



4 **Bataan Drive & 8th Avenue**
Maywood

Noise Wall Visualizations

Existing



5

Bataan Drive & 2nd Avenue
Maywood

Noise Wall Visualizations



With Noise Wall



5

Bataan Drive & 2nd Avenue
Maywood

Noise Wall Visualizations

Existing



Harrison St. & 1st Avenue
Maywood

6

Noise Wall Visualizations



With Noise Wall



Harrison St. & 1st Avenue
Maywood

6

- **Finalize Alternative 6 design**
- **Complete noise wall re-analysis**
- **Town Hall meeting & Noise Wall Forum**
 - *August 31st, 6pm – 8pm*
 - *Proviso Math and Science Academy*
- **Continue overall stakeholder coordination**
- **Draft Environmental Impact Statement**
 - *December 2016*
- **Public Hearing**
 - *January 2017*
- **Study Completion**
 - *Summer 2017*