

Obama Foundation Public Meeting

CDOT Break out Presentation on
Lakefront Protection Ordinance
Application to Plan Commission

February 27, 2017

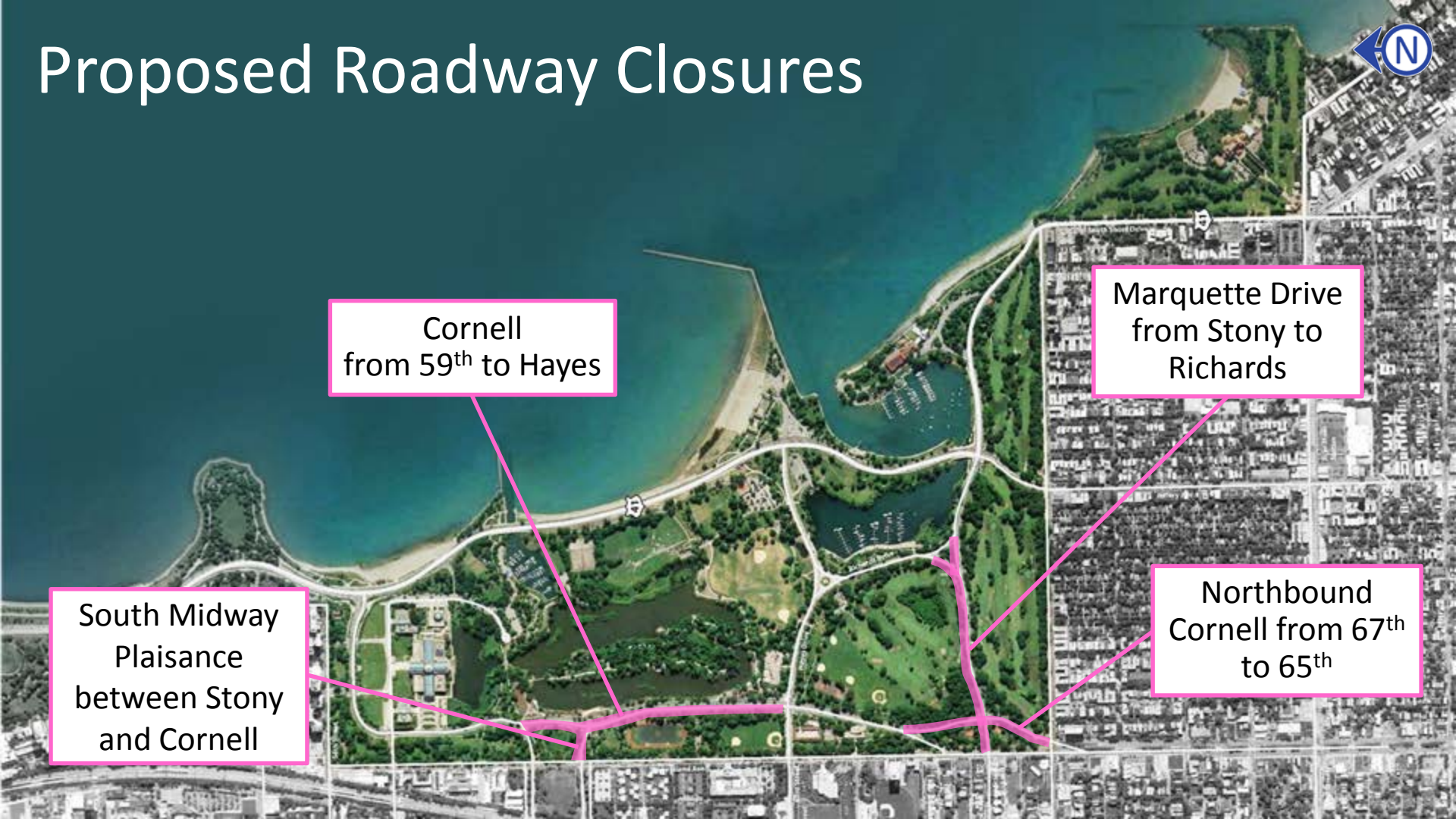
ENVISIONING JACKSON PARK AND
SOUTH SHORE CULTURAL CENTER

SOUTH
LAKEFRONT
FRAMEWORK PLAN

Status of CDOT's Planning & Design

- Tonight's presentation is a continuation of our outreach efforts and will focus on the materials in the CDOT application to the Plan Commission.**
- Traffic Analysis, roadway, and pathway design have progressed since the fall**
- CDOT will take input from tonight to refine our designs as we continue to progress through local, state, and federal reviews.**

Proposed Roadway Closures



Cornell
from 59th to Hayes

Marquette Drive
from Stony to
Richards

South Midway
Plaisance
between Stony
and Cornell

Northbound
Cornell from 67th
to 65th



Improvement Overview

Widen 59th Street
Inlet Bridge

Improve
intersection

Improve LSD, Hayes
& intersections to
accommodate
diverted traffic and
provide underpasses
and signals to cross
Hayes

Improve Stony Island
balancing needs for people
walking, driving, taking
transit, biking, and parking

Reconfigure traffic flow and
improve safety in the area
where Midway meets Stony

Construct underpass to
improve neighborhood
access to Lakefront

Construct underpass to
improve operations on
Jeffery

Reconfigure Cornell and Stony 65th
to 67th to accommodate closure of
separate northbound Cornell





S. Lake Shore Drive

E. 57th Drive to E. Hayes Drive

Improve intersections to accommodate additional southbound lane

Improve intersection to accommodate additional lanes

Add 3rd southbound lane from 57th Drive to Hayes Drive

Modify existing bridge and repair deteriorating façade and balustrade.



S. Lake Shore Drive

E. 57th Drive to E. Hayes Drive

EXISTING

60'

Southbound

Northbound

PROPOSED

71'

Southbound

Northbound





S. Hayes Drive

S. Stony Island Avenue to S. Lake Shore Drive



Hyde Park Academy High School

63rd Street

South Side YMCA

Stony Island Avenue

Cornell Drive

Hayes Drive

Statue of the Republic ("The Golden Lady")

Jackson Park

Richards Drive

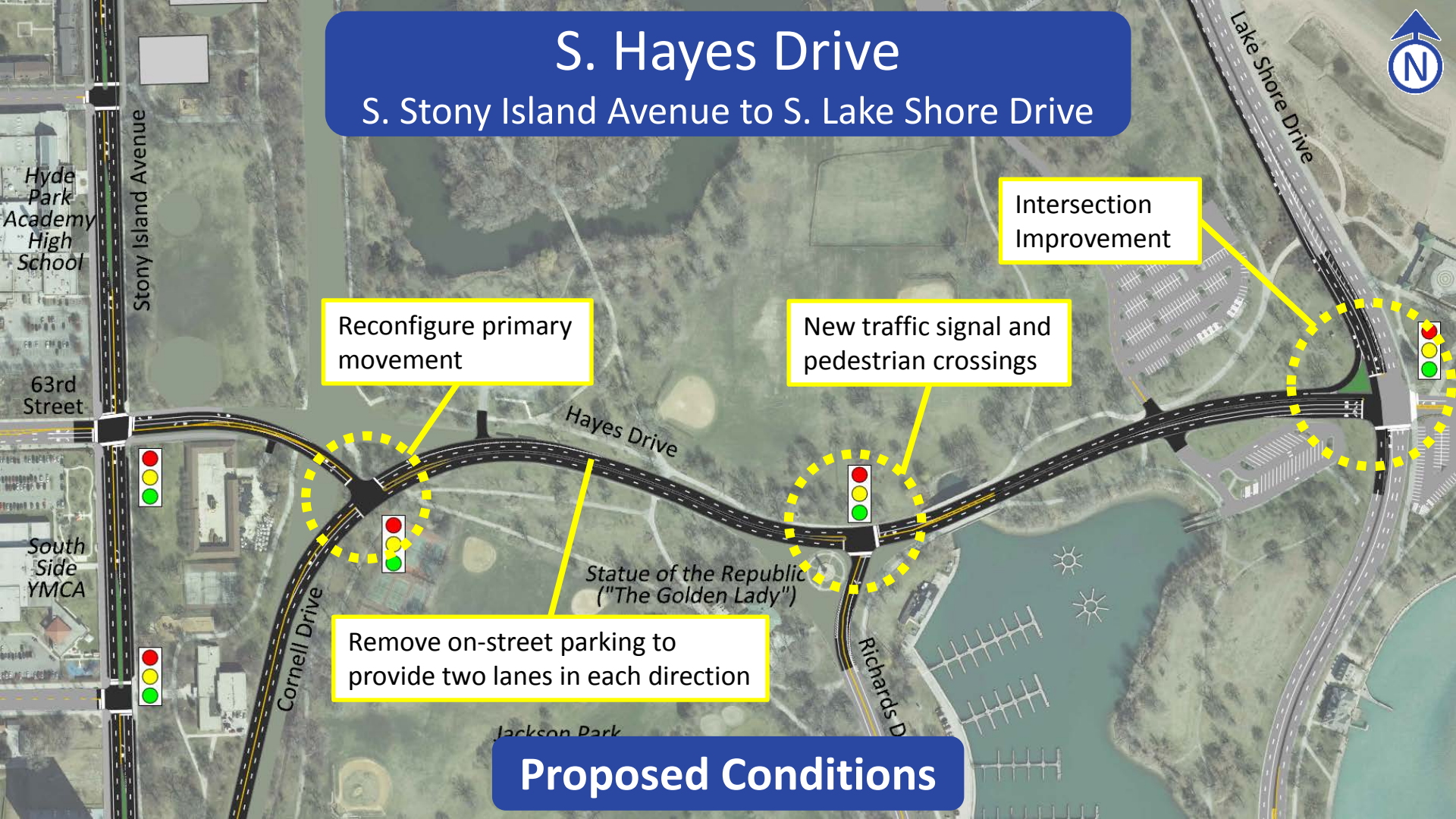
Lake Shore Drive

Existing Conditions



S. Hayes Drive

S. Stony Island Avenue to S. Lake Shore Drive



Intersection Improvement

Reconfigure primary movement

New traffic signal and pedestrian crossings

Remove on-street parking to provide two lanes in each direction

Proposed Conditions

S. Hayes Drive

S. Stony Island Avenue to S. Lake Shore Drive



Example from Lake Shore Drive
considered for Hayes Drive



Extend Barrier Wall
Median From South
Lake Shore Drive



S. Hayes Drive

S. Stony Island Avenue to S. Lake Shore Drive

New Pedestrian Underpasses Proposed at

- Hayes / Cornell / 63rd Intersection
- Hayes / Lake Shore Intersection



Example underpass
from 57th Street and Lake Shore Drive



S. Hayes Drive

S. Stony Island Avenue to S. Lake Shore Drive

EXISTING



Westbound

Eastbound

PROPOSED



Westbound

Eastbound

S. Cornell Drive

E. 57th Street to E. 63rd Street

S. Stony Island Avenue

E. 59th Street to E. 63rd Street



Close Cornell Drive

Close South
Midway Plaisance

North Midway
Plaisance to be
reconfigured

Existing Conditions



S. Cornell Drive

E. 57th Street to E. 63rd Street

S. Stony Island Avenue

E. 59th Street to E. 63rd Street

Museum of
Science and
Industry

Cornell Drive

Widen North
Midway and
convert to two-way

Obama
Presidential
Center

WESTBOUND

EASTBOUND

Stony Island Avenue

Hyde Park
Academy High

Widen Stony Island to the east
to provide two lanes in each
direction

Proposed Conditions

57th Street

Metra-Electric District Line

59th Street

Midway
Plaisance

60th Street

61st Street

Hayes Drive



S. Cornell Drive

E. 57th Street to E. 63rd Street

S. Stony Island Avenue

E. 59th Street to E. 63rd Street

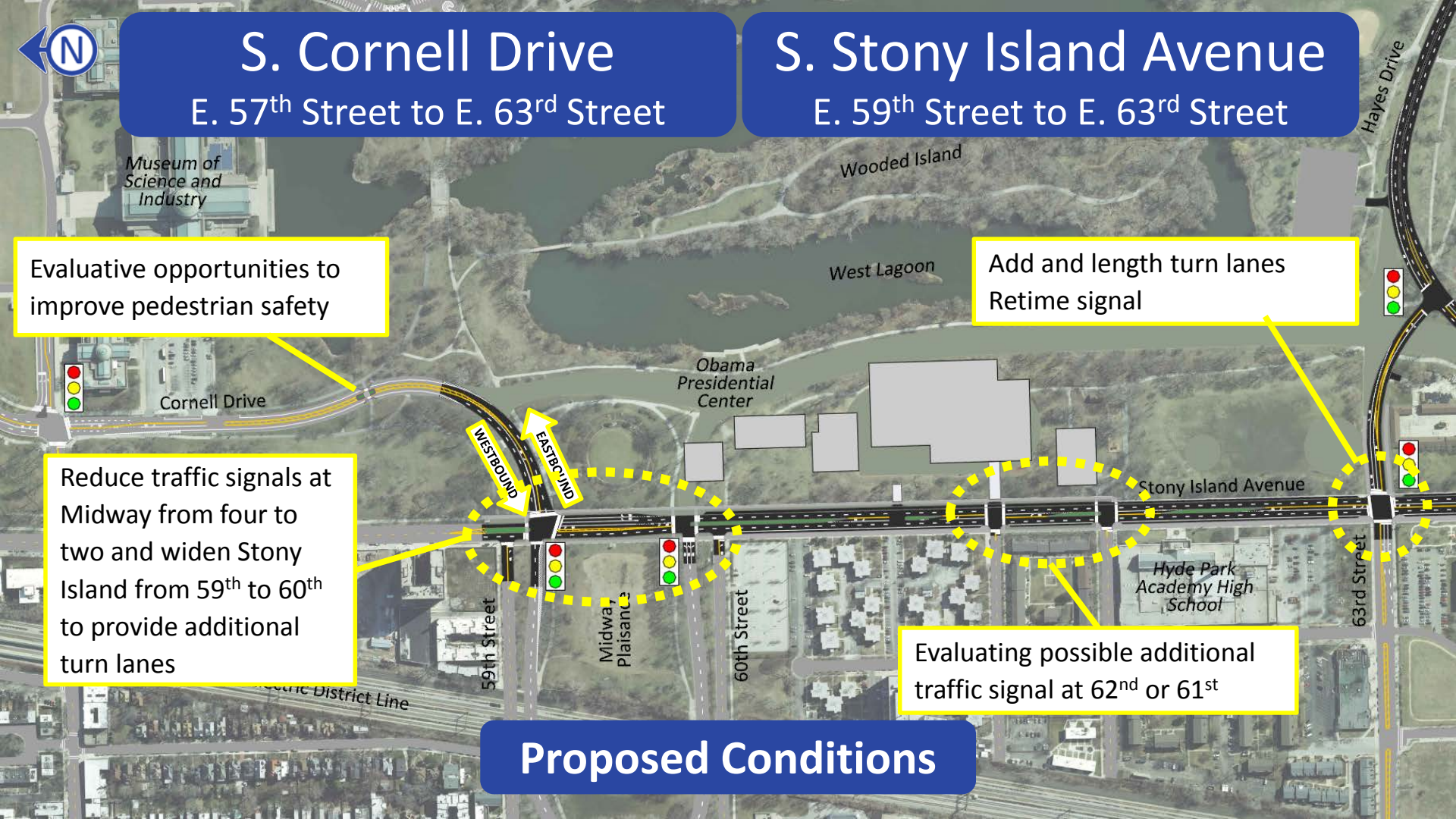
Evaluative opportunities to improve pedestrian safety

Add and length turn lanes
Retime signal

Reduce traffic signals at Midway from four to two and widen Stony Island from 59th to 60th to provide additional turn lanes

Evaluating possible additional traffic signal at 62nd or 61st

Proposed Conditions





S. Stony Island Avenue

E. 59th Street to E. 63rd Street



Obama
Presidential
Center

Stony Island Avenue

63rd Street

Example median from Western Avenue



Provide for landscaped
median and pedestrian
refuge islands while
providing left turn lanes at
intersections

Hyde Park
Academy High
School

S. Stony Island Avenue

E. 60th Street to E. 63rd Street

EXISTING

48'



Southbound

Northbound



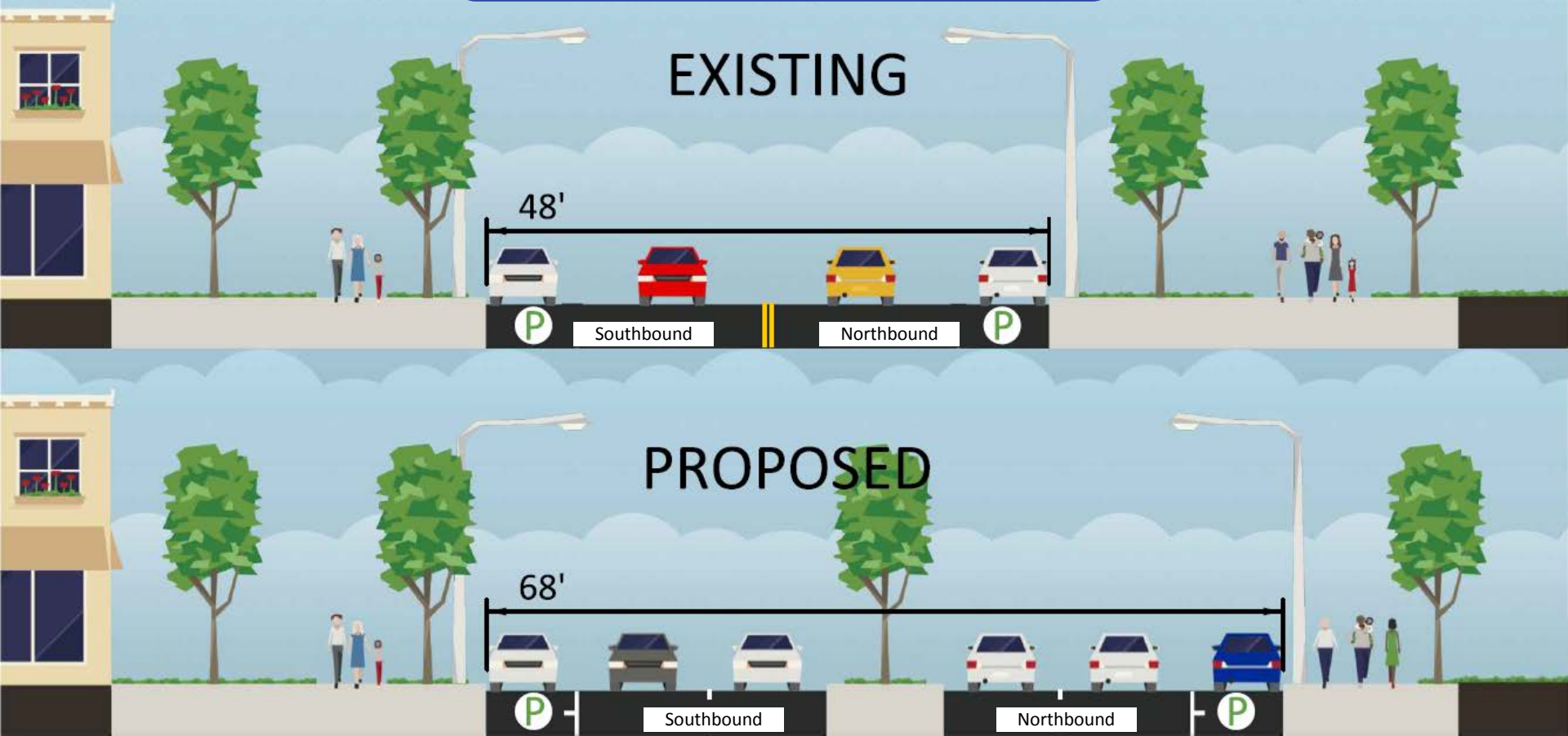
PROPOSED

68'



Southbound

Northbound





S. Stony Island Avenue

E. 63rd Street to E. 67th Street

Cornell Drive
section to be
reconfigured

Close NB Cornell Avenue

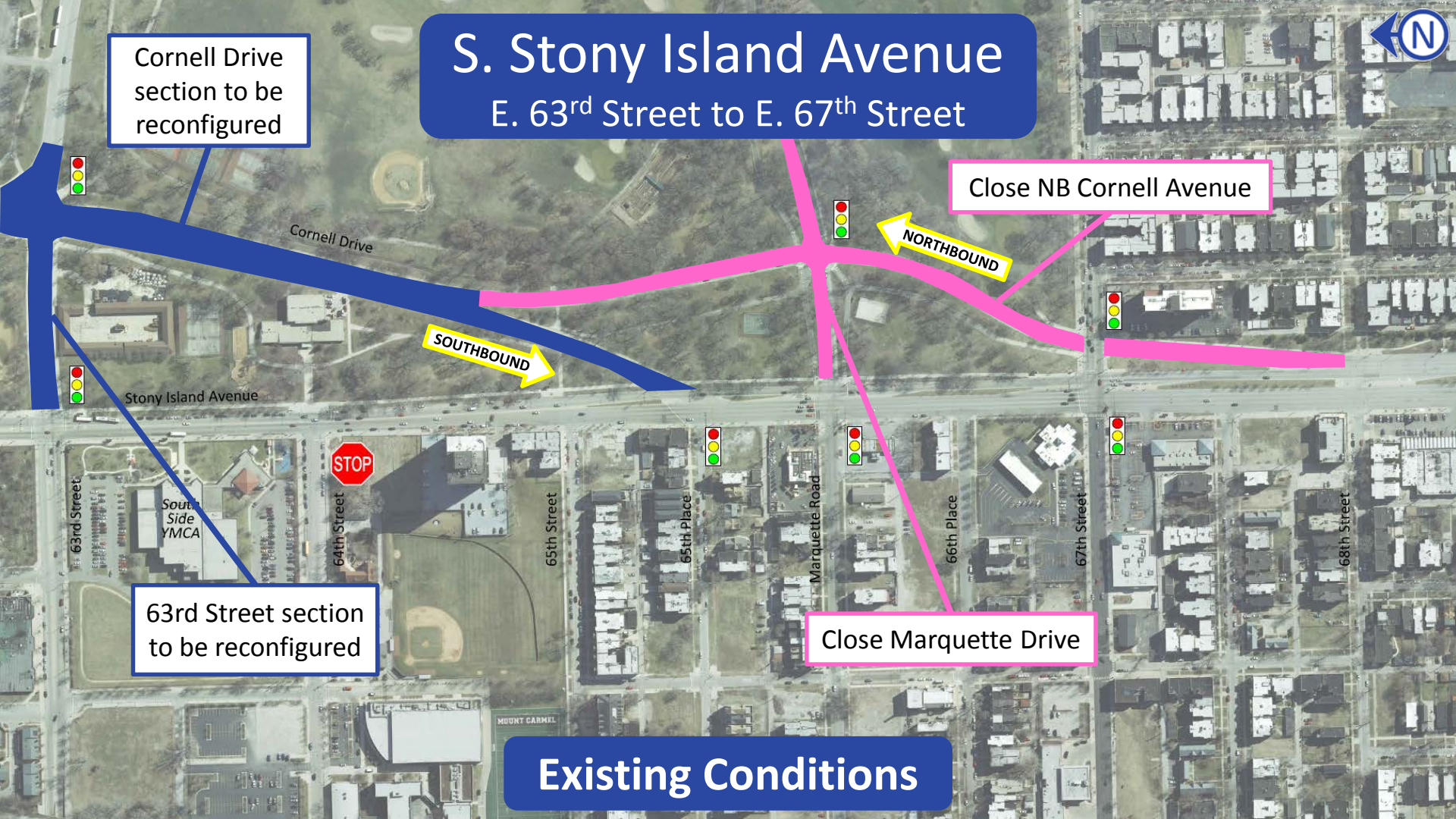
SOUTHBOUND

NORTHBOUND

63rd Street section
to be reconfigured

Close Marquette Drive

Existing Conditions



S. Stony Island Avenue

E. 63rd Street to E. 67th Street

Re-integrate park space

NORTHBOUND

SOUTHBOUND

Widen Stony Island to the east to provide four lanes, a landscaped median, and parking lanes

Convert southbound Cornell Drive to two-way

Widen Stony Island to add a third northbound lane

Proposed Conditions



S. Stony Island Avenue

E. 63rd Street to E. 67th Street

Improve 65th Pl and Marquette Rd intersections to accommodate additional lanes

Provide new traffic signal at 64th St and improve intersection to accommodate additional lanes

- Reconfigure to one intersection
- Shorter Crosswalks
- New left turn lanes on 67th
- New westbound right turn lane
- Added Green Time for 67th

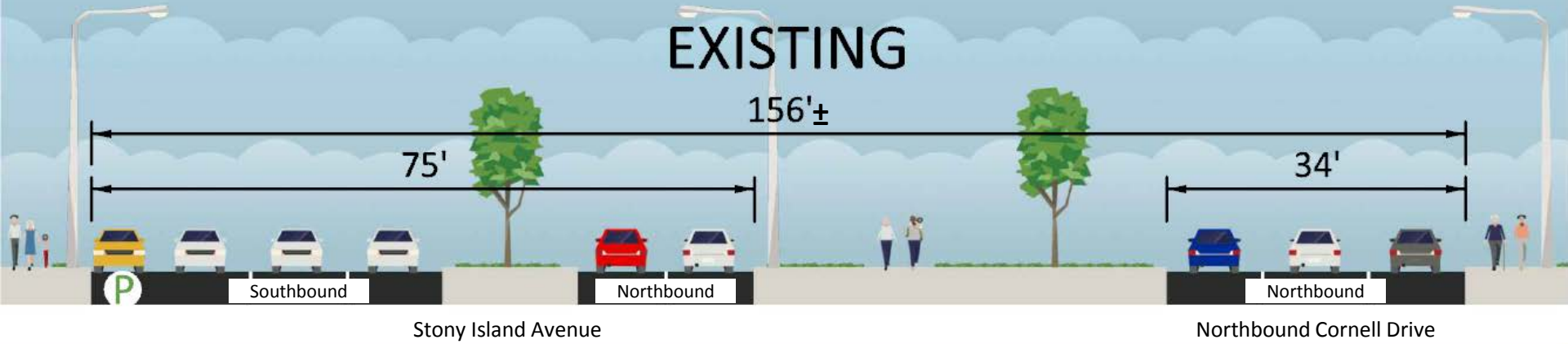
Proposed Conditions



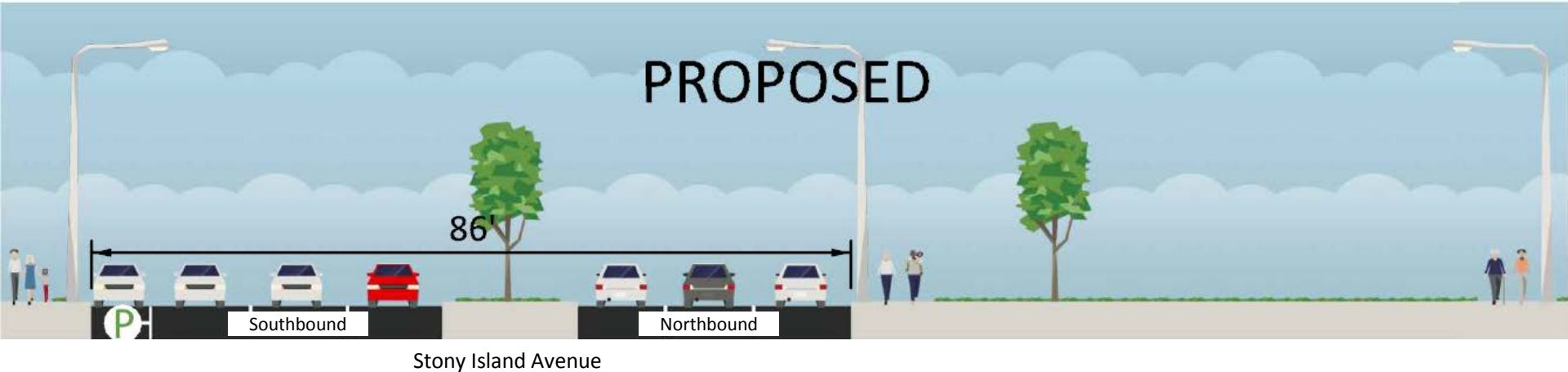
S. Stony Island Avenue

E. 63rd Street to E. 67th Street

EXISTING

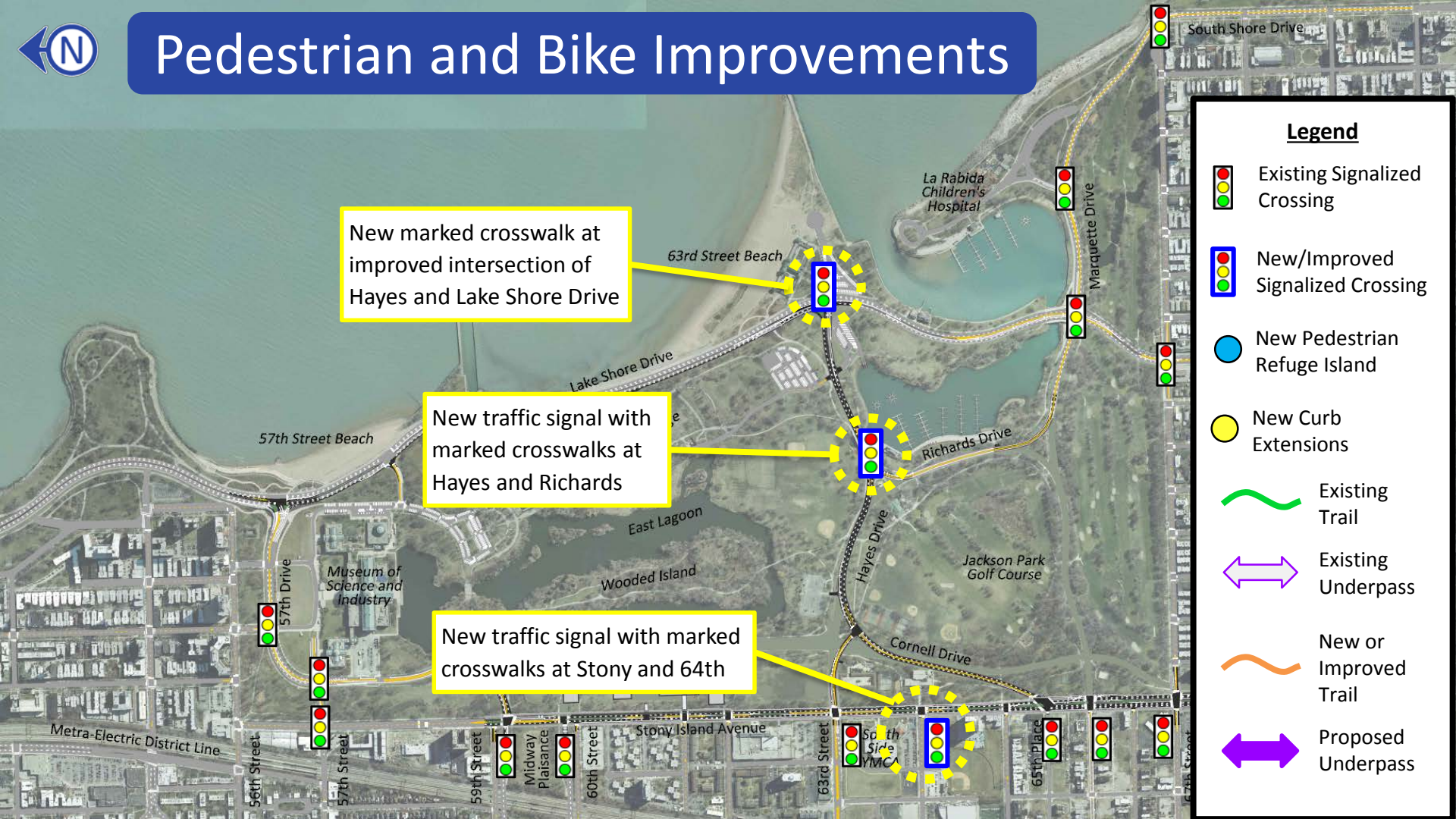


PROPOSED





Pedestrian and Bike Improvements





New marked crosswalk at improved intersection of Hayes and Lake Shore Drive


New traffic signal with marked crosswalks at Hayes and Richards


New traffic signal with marked crosswalks at Stony and 64th

Legend

 Existing Signalized Crossing

 New/Improved Signalized Crossing

 New Pedestrian Refuge Island

 New Curb Extensions

 Existing Trail

 Existing Underpass

 New or Improved Trail

 Proposed Underpass



Pedestrian and Bike Improvements

Example Pedestrian Refuge Island




Example Curb Extensions





New pedestrian refuge island and curb extensions at existing mid-block crossing on Cornell Drive


Eight new pedestrian refuge island and nine intersections with new curb extensions along Stony Island Avenue

Legend

 Existing Signalized Crossing

 New/Improved Signalized Crossing

 New Pedestrian Refuge Island

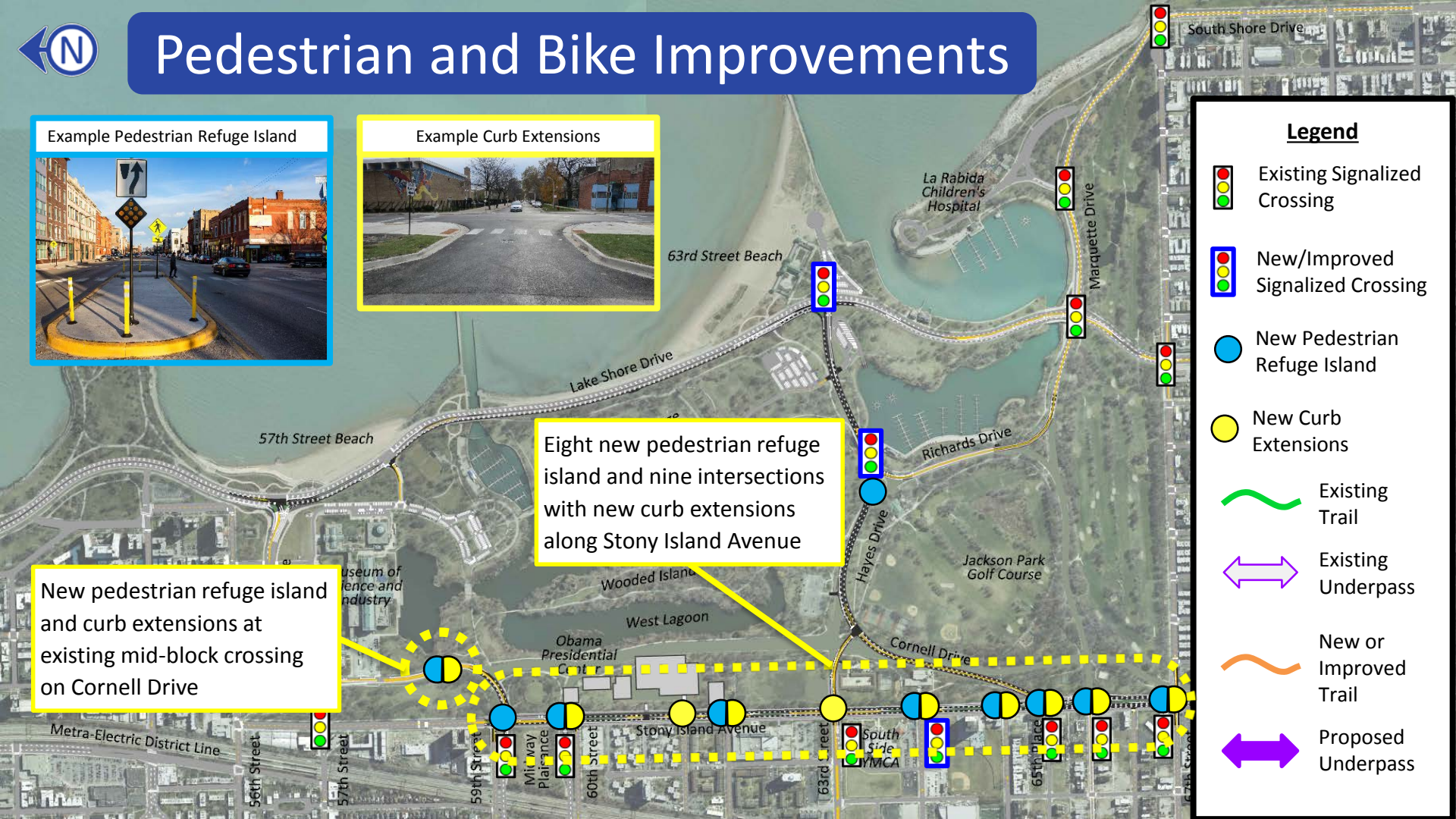
 New Curb Extensions

 Existing Trail

 Existing Underpass

 New or Improved Trail

 Proposed Underpass





Pedestrian and Bike Improvements


Example Pedestrian Underpass





Trail and underpass improvements create multiple routes to the lakefront with no traffic interference

Reconnect the Clarence Darrow Bridge gap (under separate contract)

Legend

 Existing Signalized Crossing

 New/Improved Signalized Crossing

 New Pedestrian Refuge Island

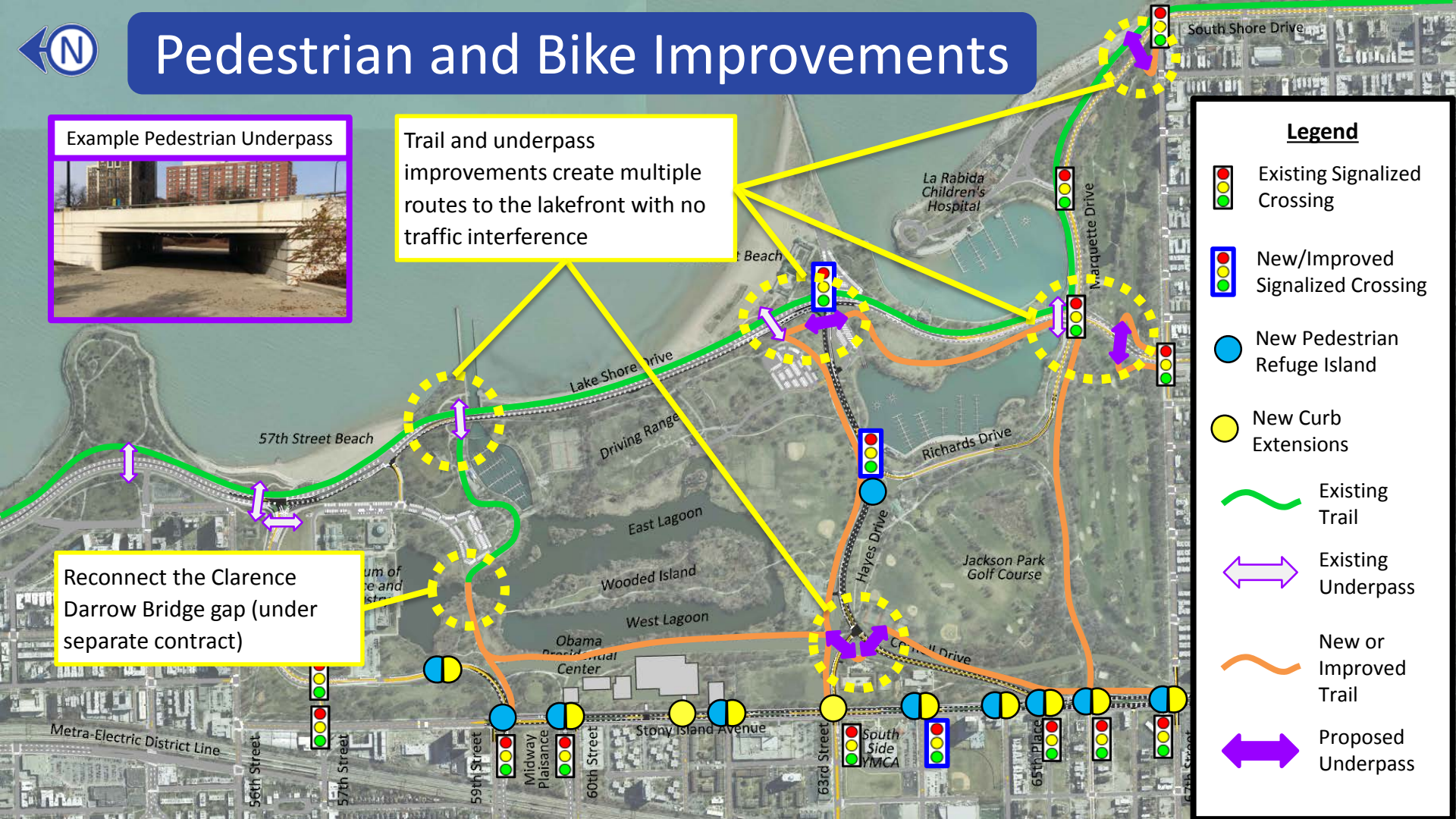
 New Curb Extensions

 Existing Trail

 Existing Underpass

 New or Improved Trail

 Proposed Underpass





Net Parkland Changes



From road
to OPC Site +3.7 Acres

From road
to park +8.0 Acres

From park
to road -6.0 Acres

Museum/Athletic
Buildings -1.0 Acres

**Total Parkland
Increase +4.7 Acres**



Current vs. Future Trips Through Jackson Park

67th/Stony Island
to/from
57th/LSD



Existing Path



Current vs. Future Trips Through Jackson Park

67th/Stony Island
to/from
57th/LSD



Proposed Path



Current vs. Future Trips Through Jackson Park

EB Midway/Stony Island
to/from
67th/South Shore

Existing Path





Current vs. Future Trips Through Jackson Park

EB Midway/Stony Island
to/from
67th/South Shore

Proposed Path



Next Steps

- Incorporate Feedback and continue analysis
- Continue with NEPA / 106 Process
- Construction Contracting and Staging Plan Development

For more information
please visit:

<http://www.cityofchicago.org/opc>