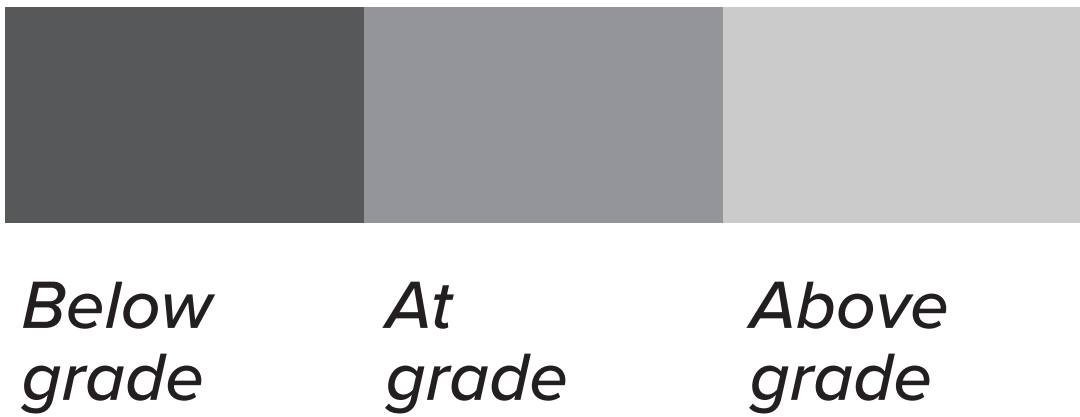


# Baseline: No Build

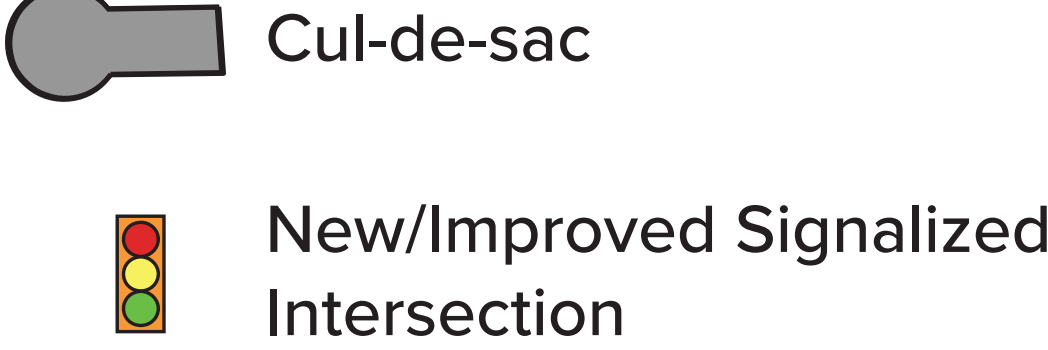
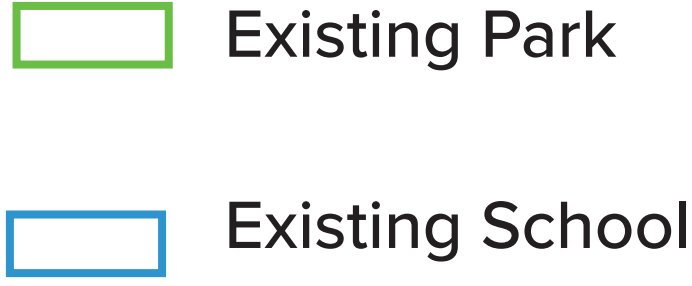
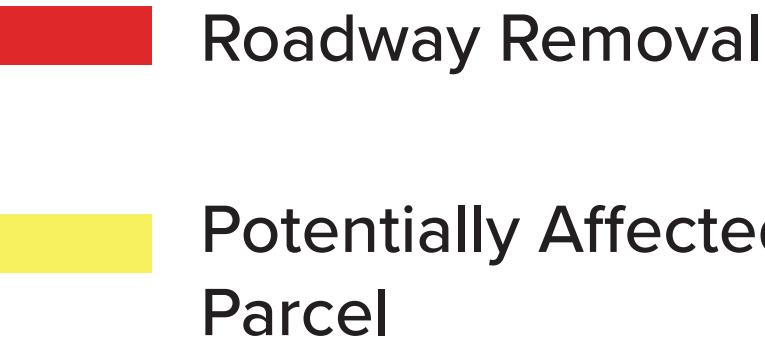
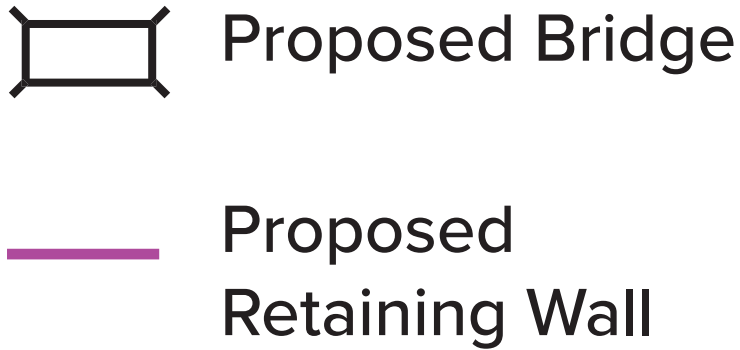
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway



#### Railroad



## Cost

\$    \$\$    \$\$\$



## No Build

- Baseline condition
- Leaves the existing conditions as is
- Minor increase in 2040 traffic versus 2016

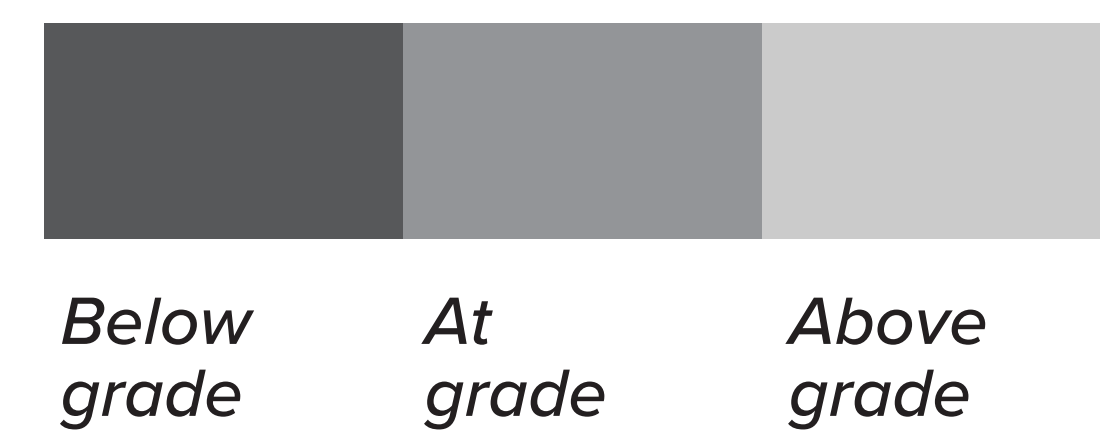


# Group 1: Minor Build

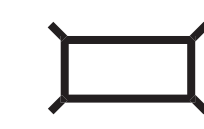
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway



#### Railroad



Proposed Bridge



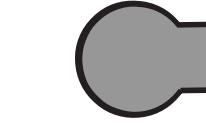
Proposed Retaining Wall

Roadway Removal

Potentially Affected Parcel

Existing Park

Existing School



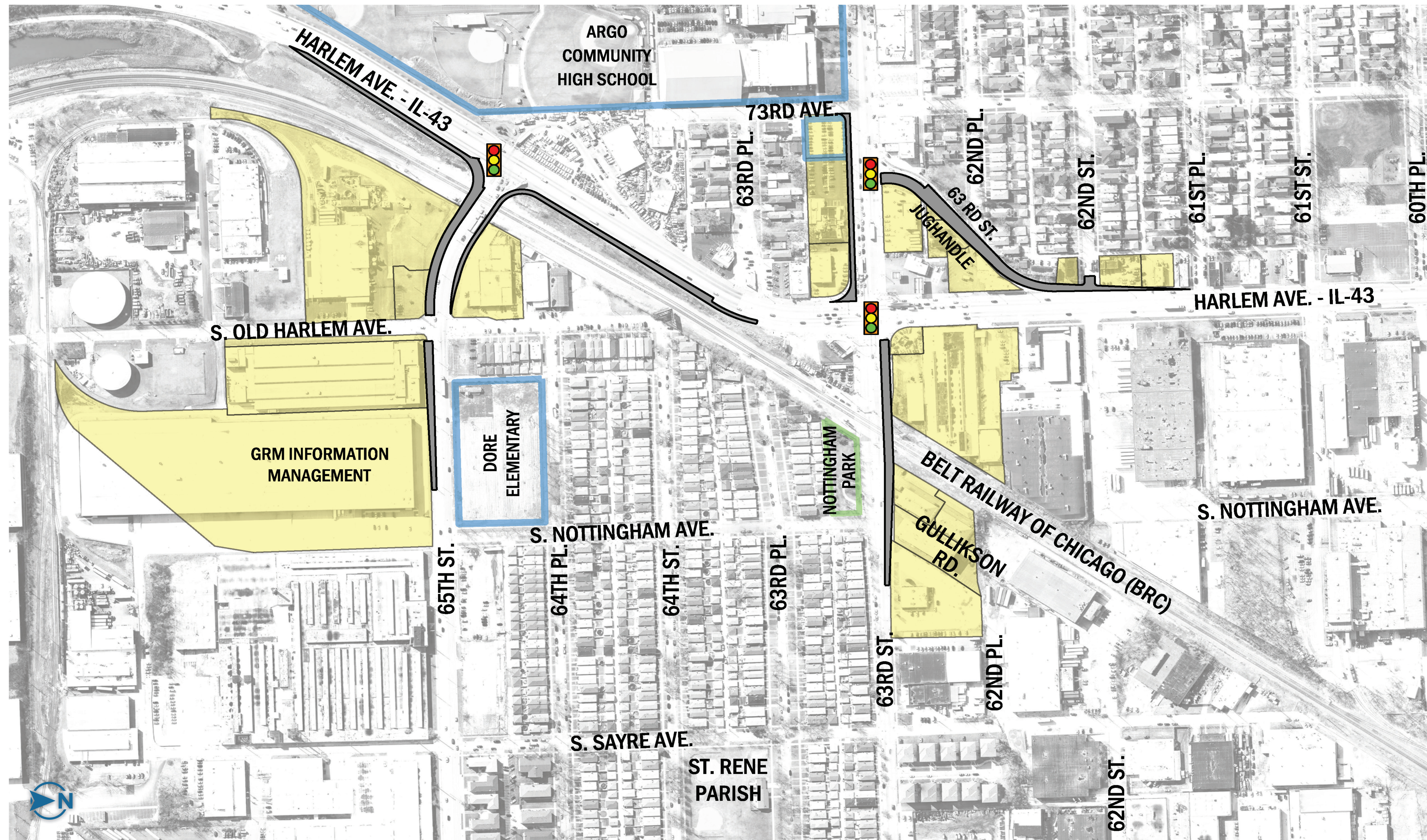
Cul-de-sac



New/Improved Signalized Intersection

## Cost

\$    \$\$    \$\$\$



## Minor Build

- Keep existing at-grade crossings
- Add some mainline capacity
- Improve existing jughandle at 63<sup>rd</sup> St.
- Keep existing jughandle at 65<sup>th</sup> St.
- Modify traffic and railroad signal interconnectivity and signal timing

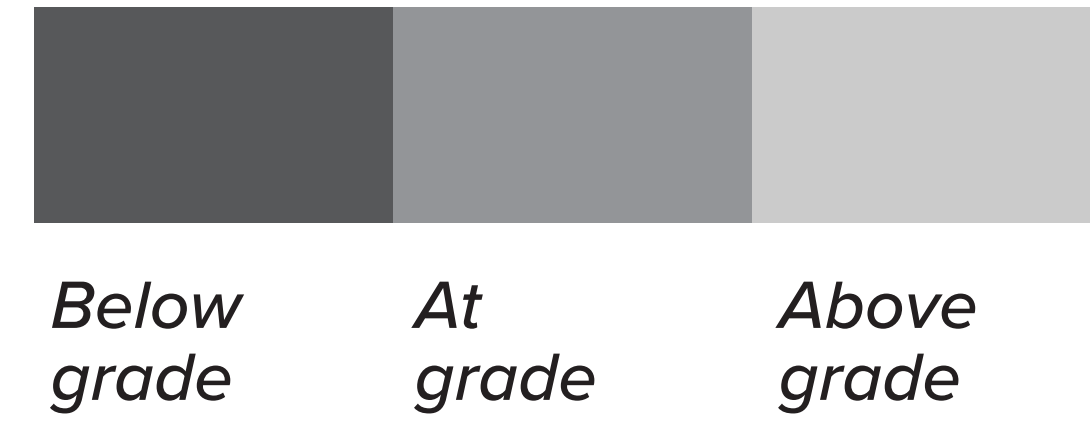


# Group 2: BRC Elevated/Depressed

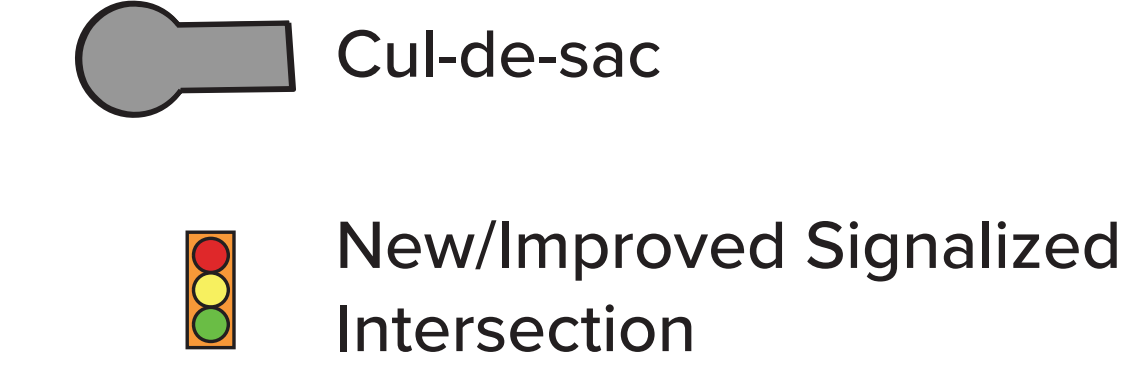
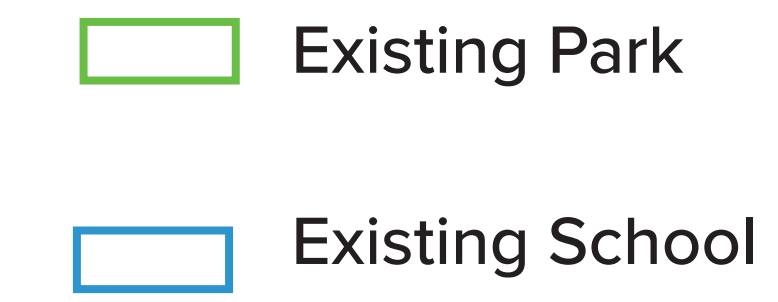
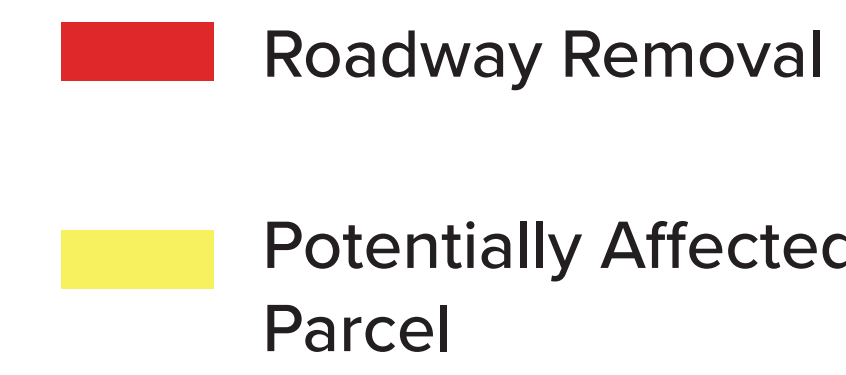
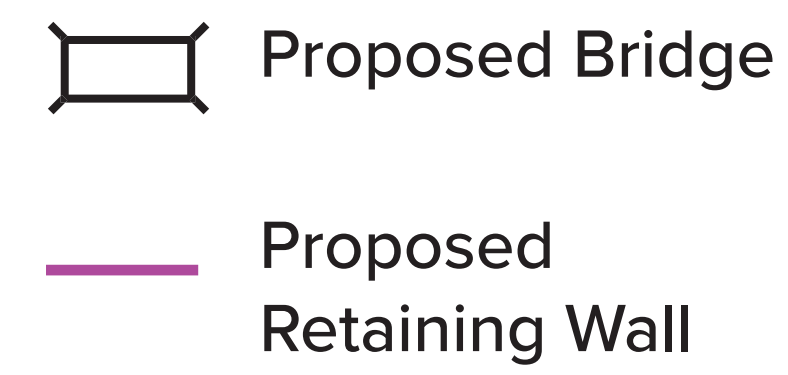
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway

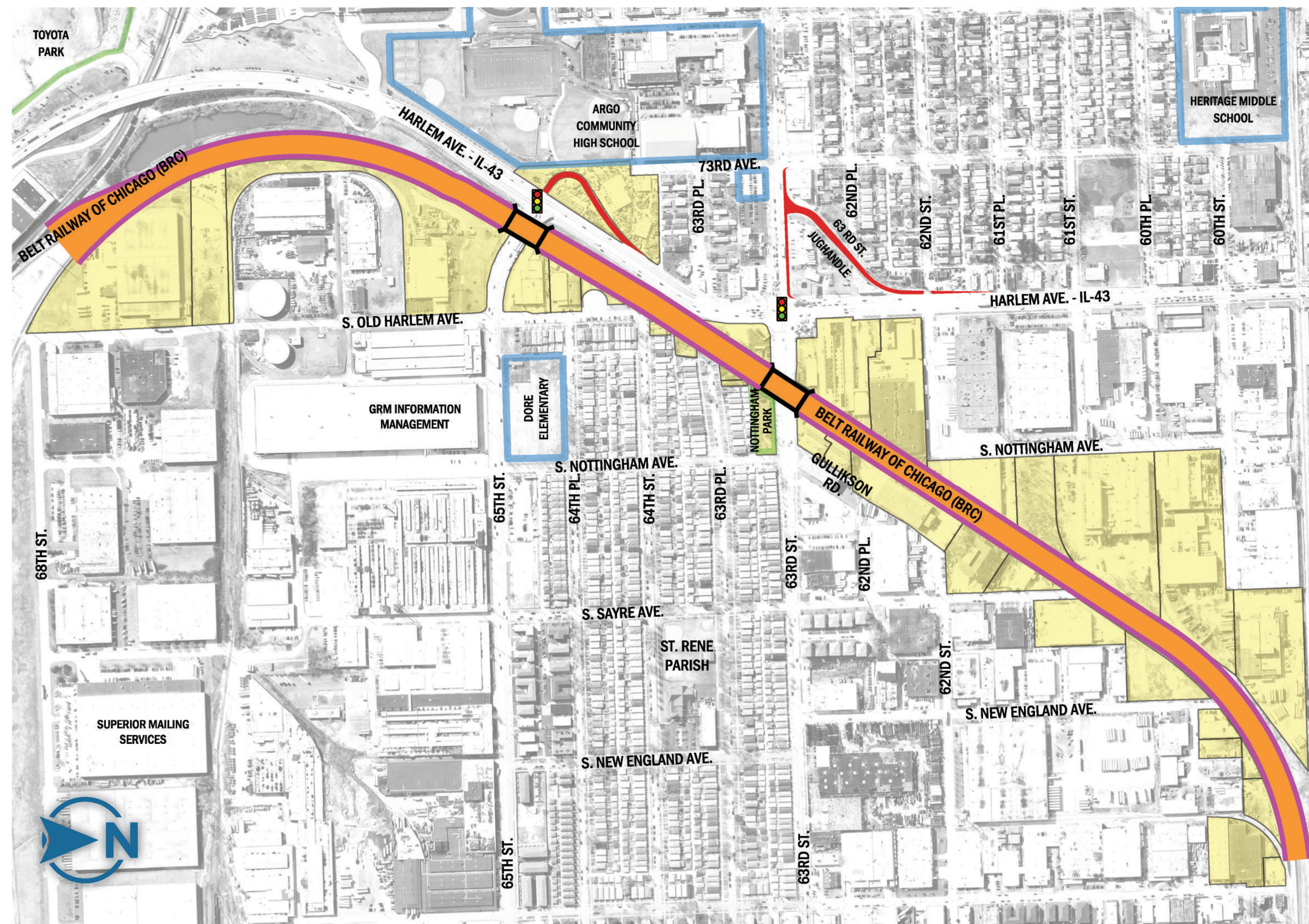


#### Railroad



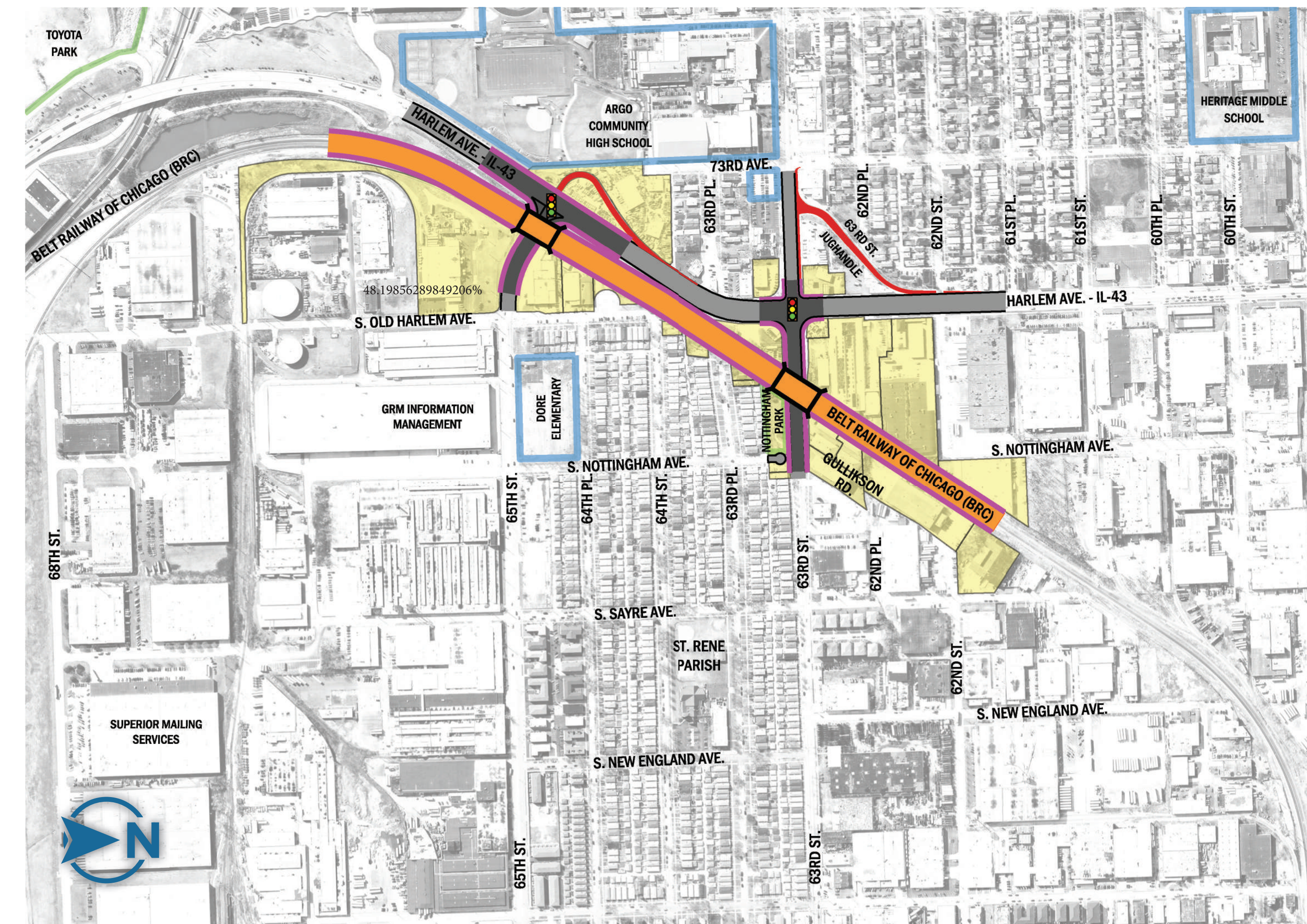
## Cost

\$    \$\$    \$\$\$



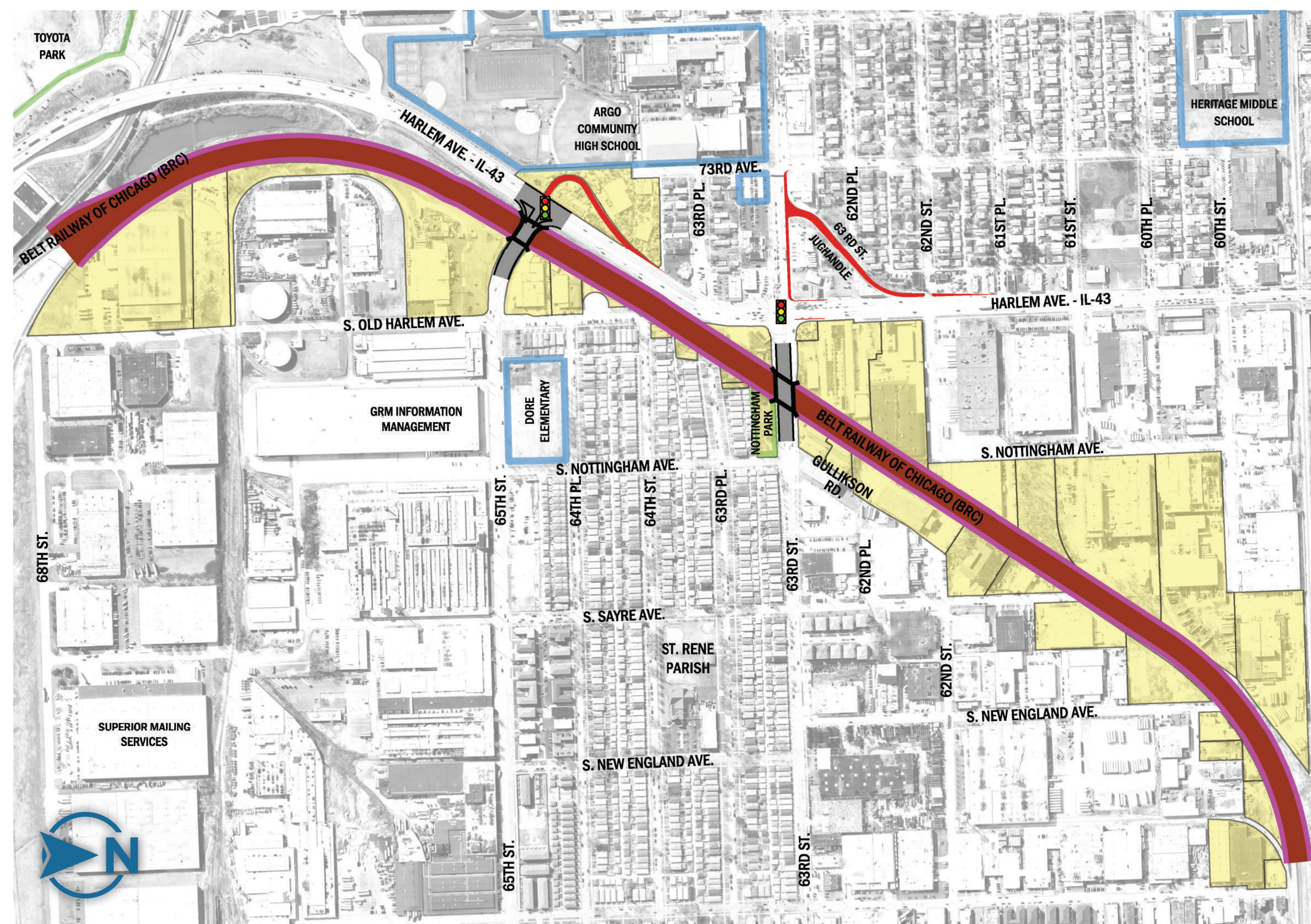
### All Elevated

- New 2-track BRC railroad bridge over 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- Retaining walls along BRC tracks
- Remove jughandles at 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- Eliminate roadway conflicts with railroad



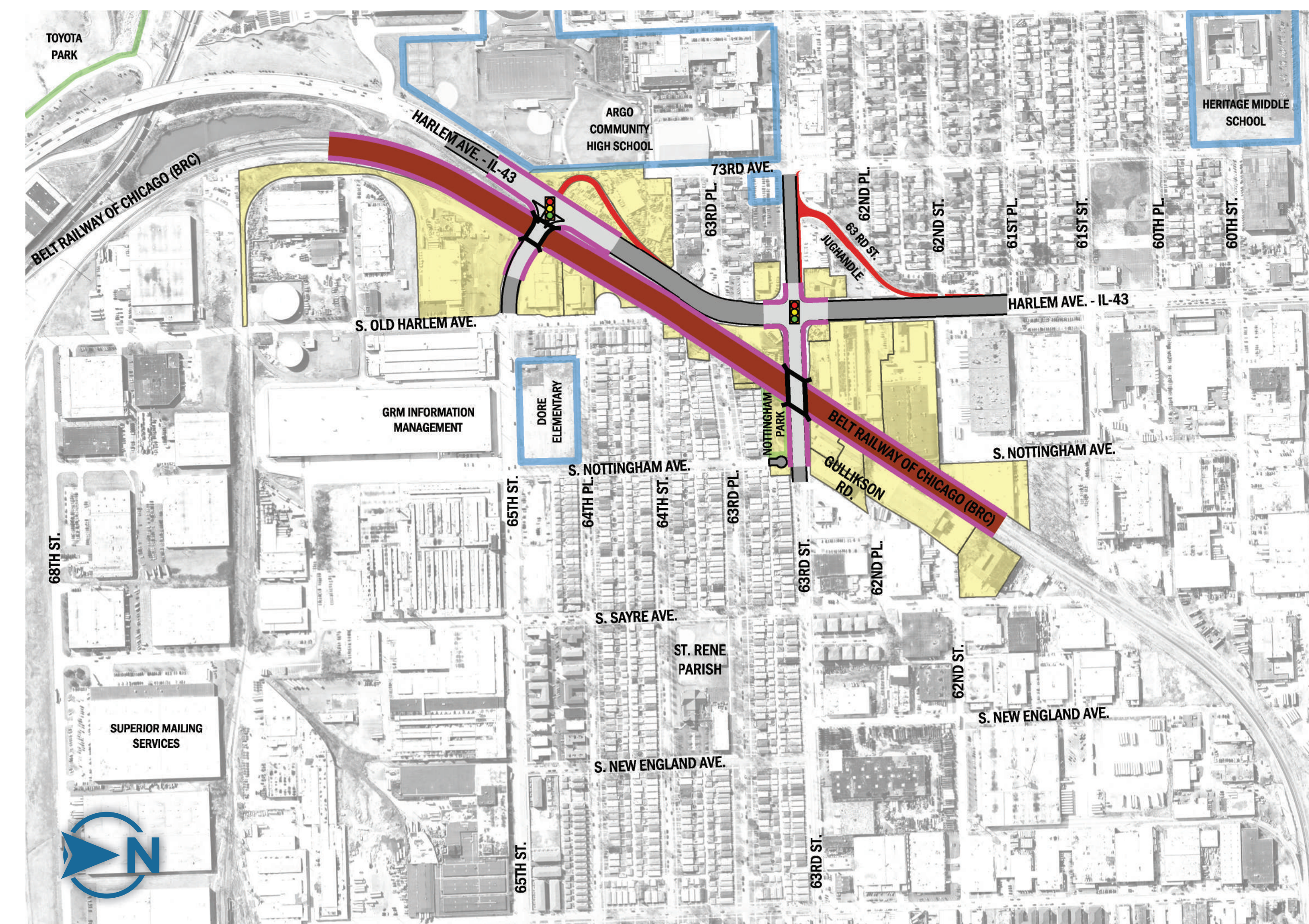
### Elevated Hybrid

- Partially elevated BRC railroad over partially depressed 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- Depending on roadway depth, expect impacts to Harlem Ave., 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- Retaining walls along BRC tracks
- Remove jughandles at 63<sup>rd</sup> and 65<sup>th</sup> St.
- Eliminate roadway conflicts with railroad



### All Depressed

- Railroad in fully depressed trench with retaining walls
- New roadway bridges over BRC
- Retaining walls along BRC tracks
- Remove jughandles at 63<sup>rd</sup> and 65<sup>th</sup> St.
- Eliminate roadway conflicts with railroad



### Depressed Hybrid

- Railroad in partially depressed trench with retaining walls
- Partially elevated 63<sup>rd</sup> St. and 65<sup>th</sup> St. over BRC tracks
- Retaining walls along BRC tracks
- Remove jughandles at 63<sup>rd</sup> and 65<sup>th</sup> St.
- Eliminate roadway conflicts with railroad

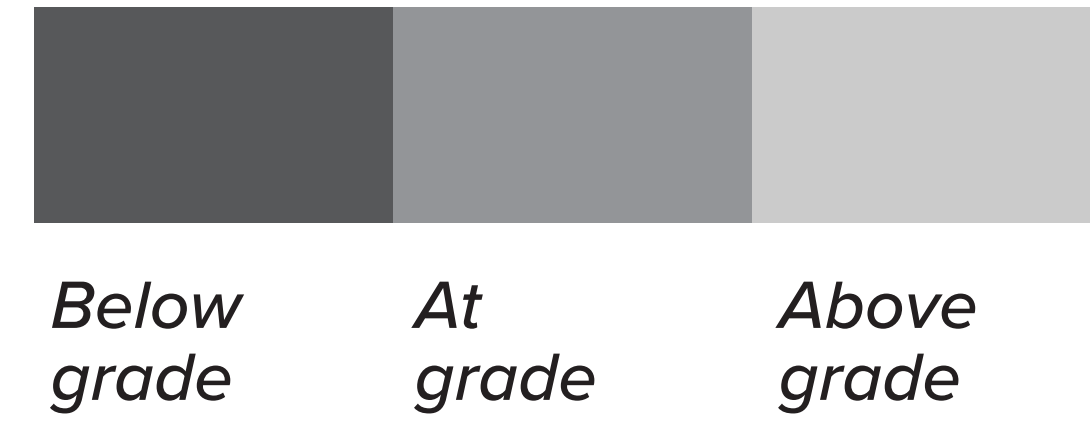


# Group 3: 63<sup>rd</sup> St. Elevated

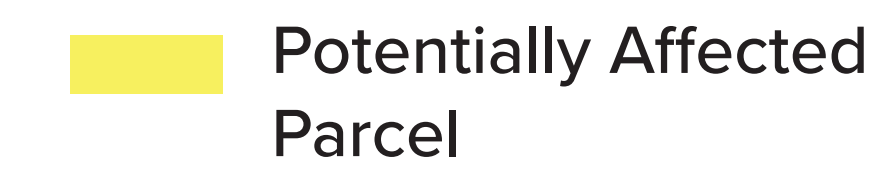
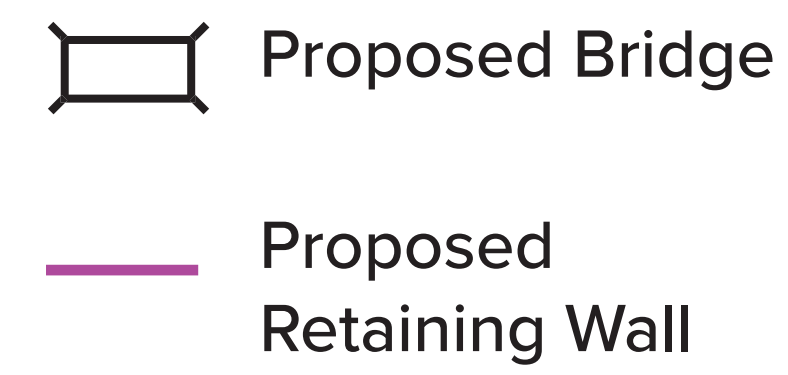
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway

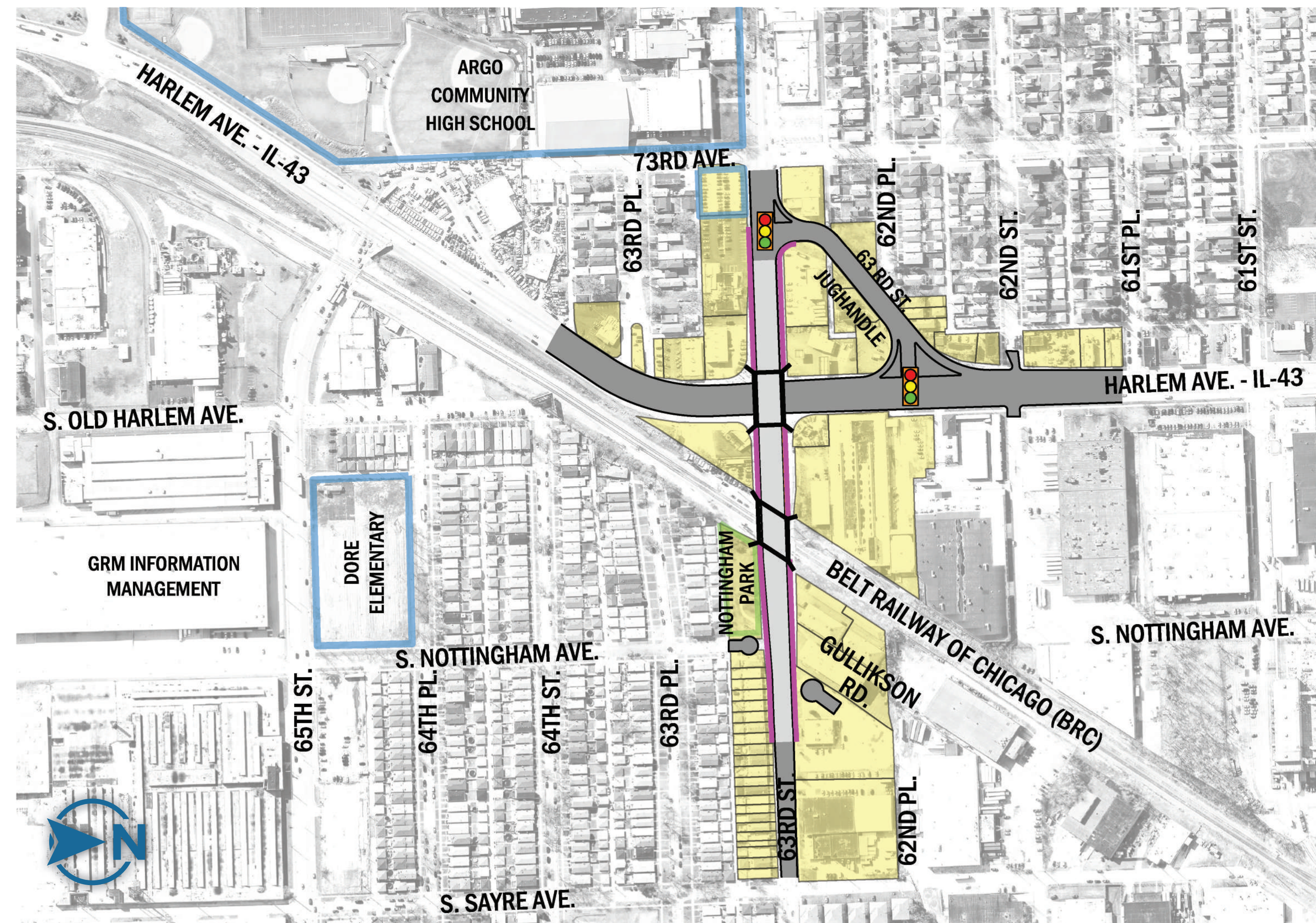


#### Railroad



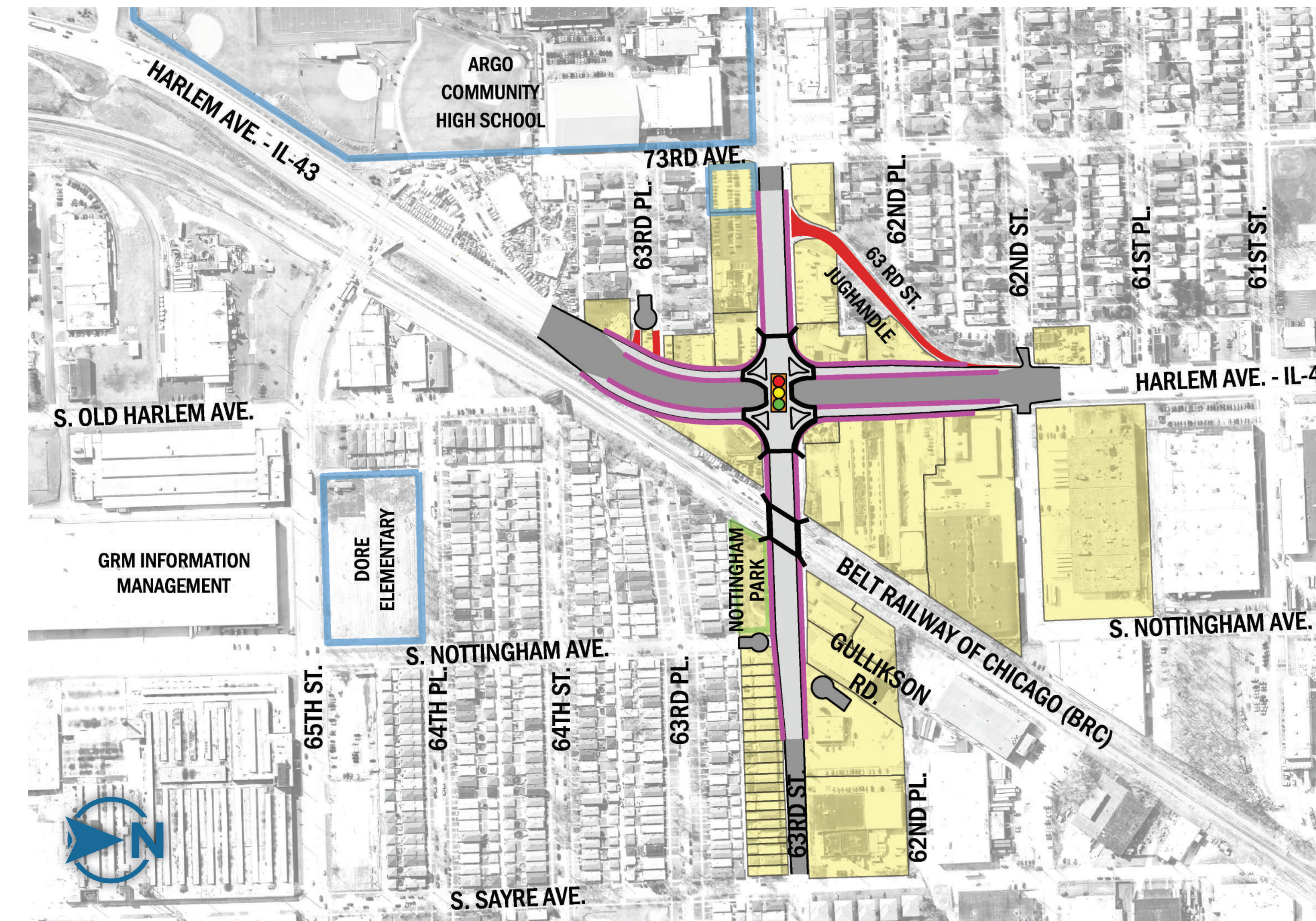
## Cost

\$    \$\$    \$\$\$



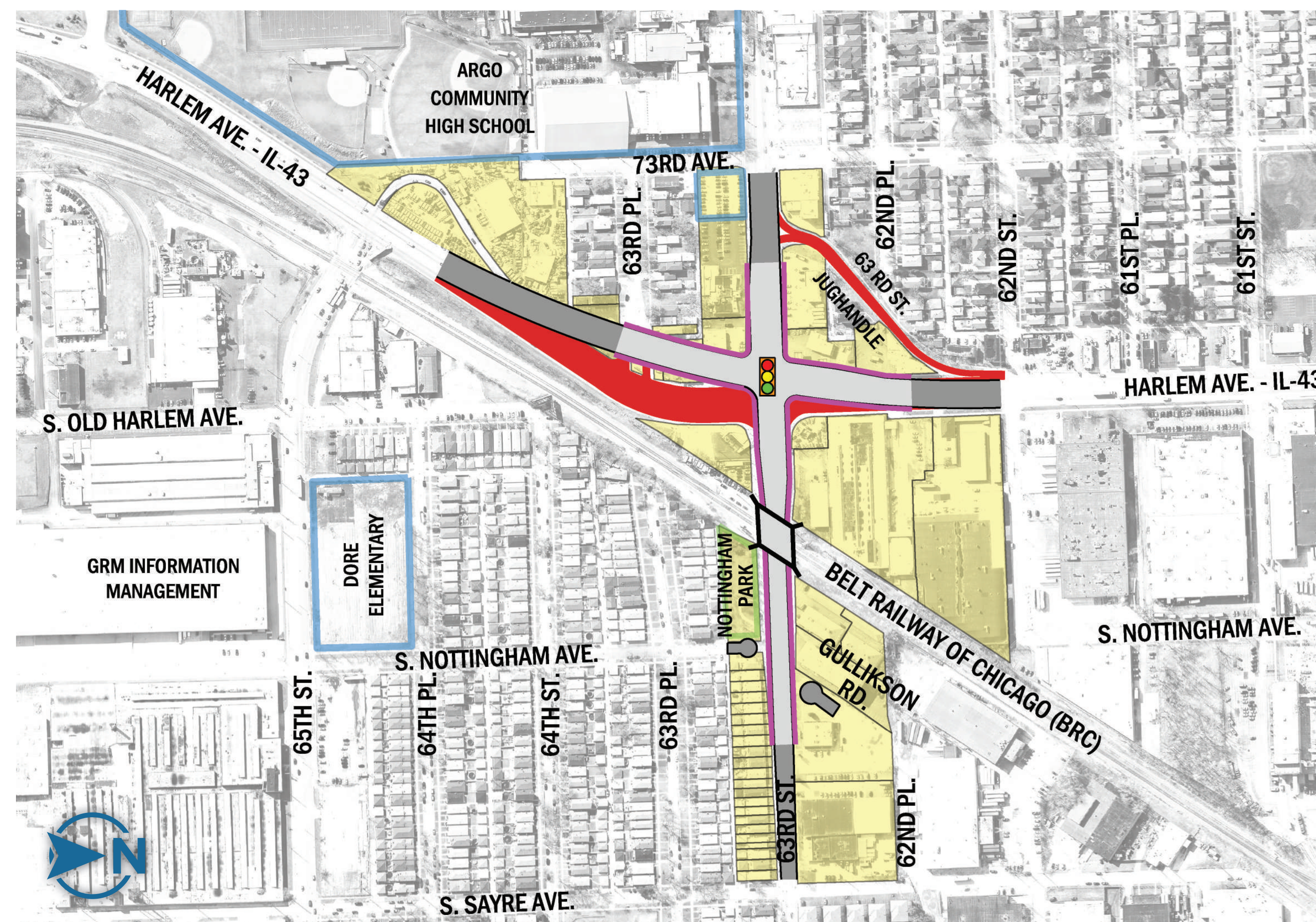
### Elevated with Jughandle

- Elevated 63<sup>rd</sup> St. over BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Reconfigured jughandle to accommodate Harlem Ave./ 63<sup>rd</sup> St.
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle



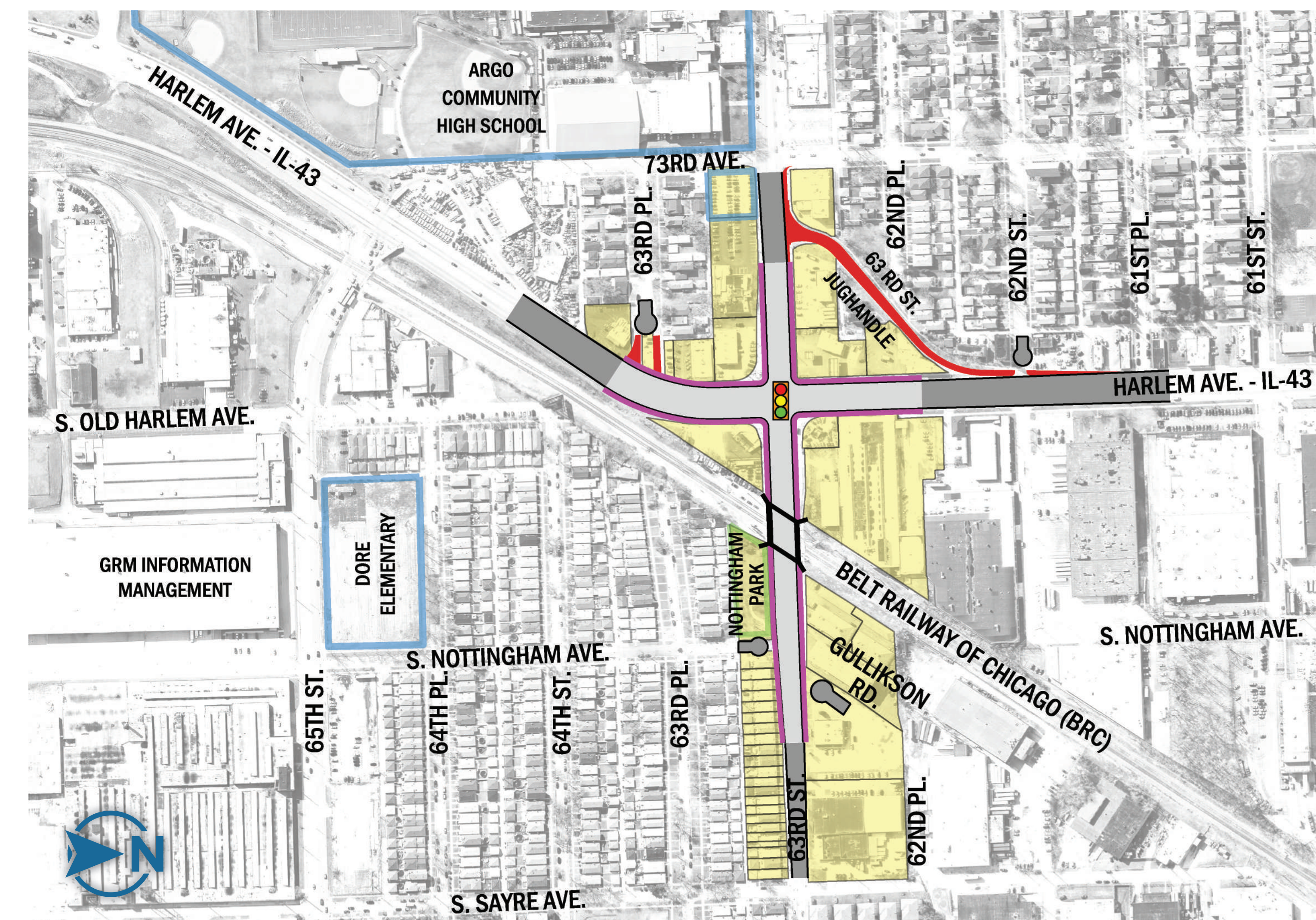
### Elevated with Ramps

- Elevated 63<sup>rd</sup> St. over BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- New 63<sup>rd</sup> St. roadway bridge over at-grade Harlem Ave.
- Elevated signalized intersection with access ramps



### Elevated/Harlem Realign

- Elevated 63<sup>rd</sup> St. over BRC
- Realign Harlem Ave. west of existing alignment
- Remove jughandle at Harlem Ave./63<sup>rd</sup> St.



### Elevated Intersection

- Elevated 63<sup>rd</sup> St. over BRC
- Raised Harlem Ave. / 63<sup>rd</sup> St. signalized intersection
- Remove jughandle at Harlem Ave./63<sup>rd</sup> St.

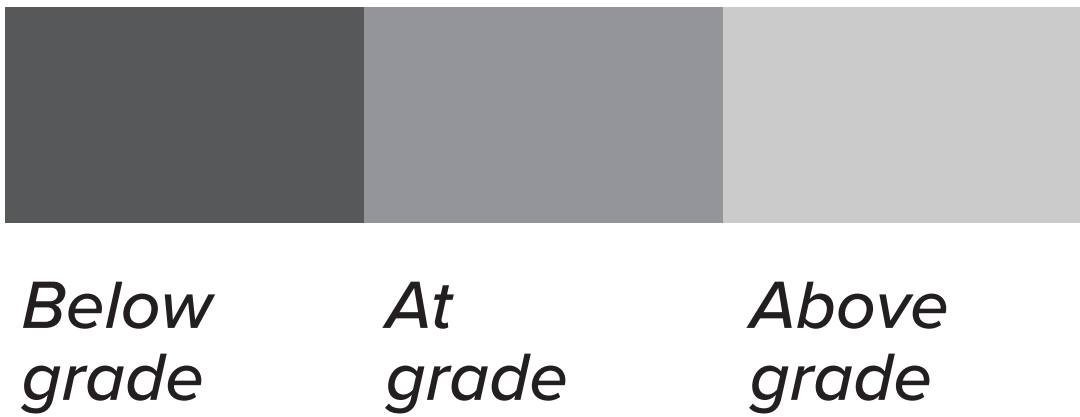


# Group 4: 63<sup>rd</sup> St. Depressed

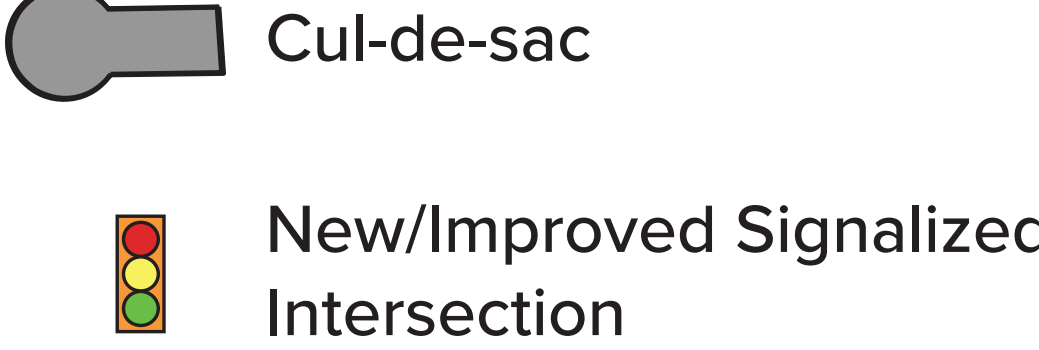
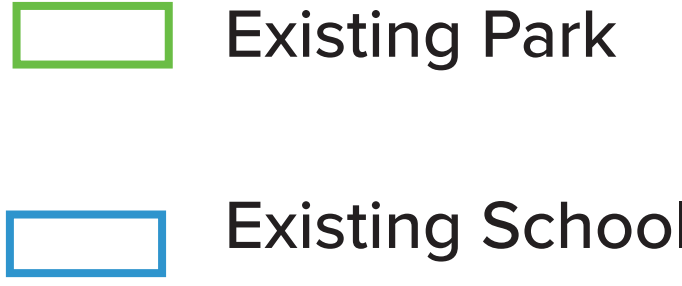
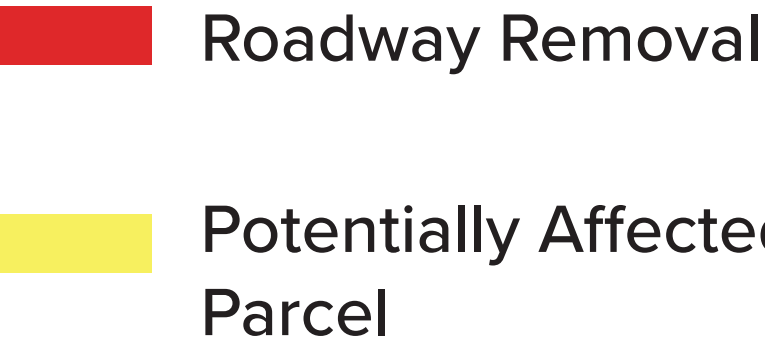
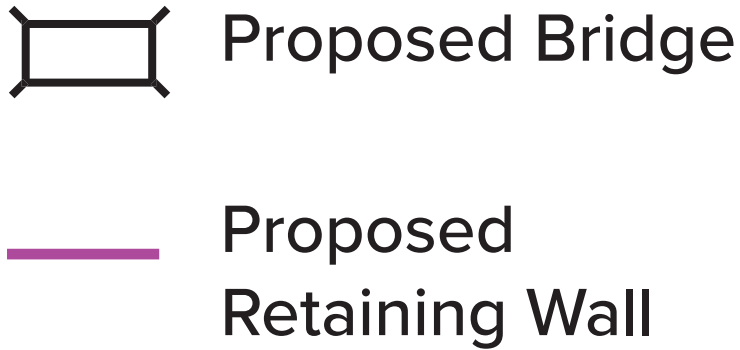
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway

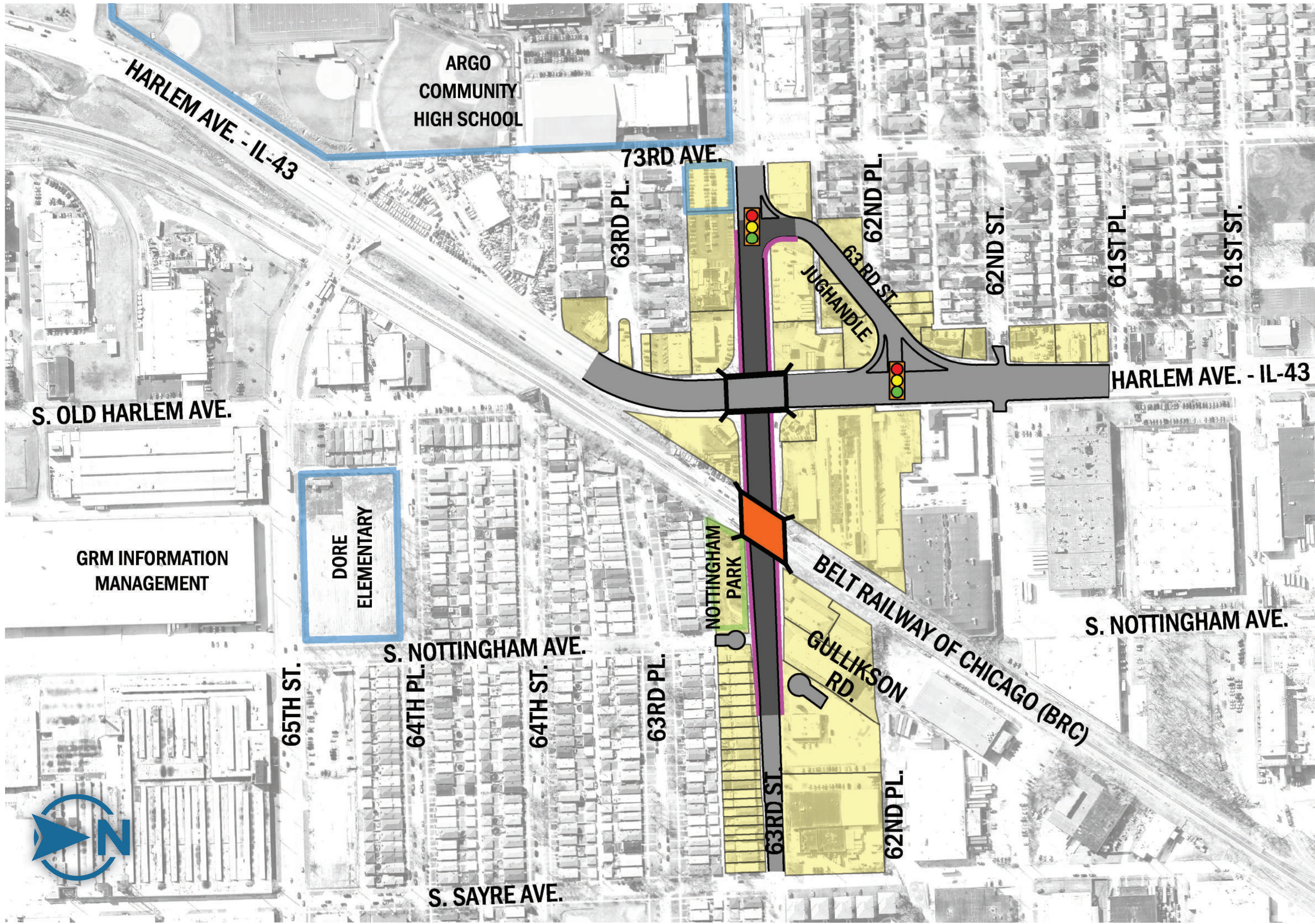


#### Railroad



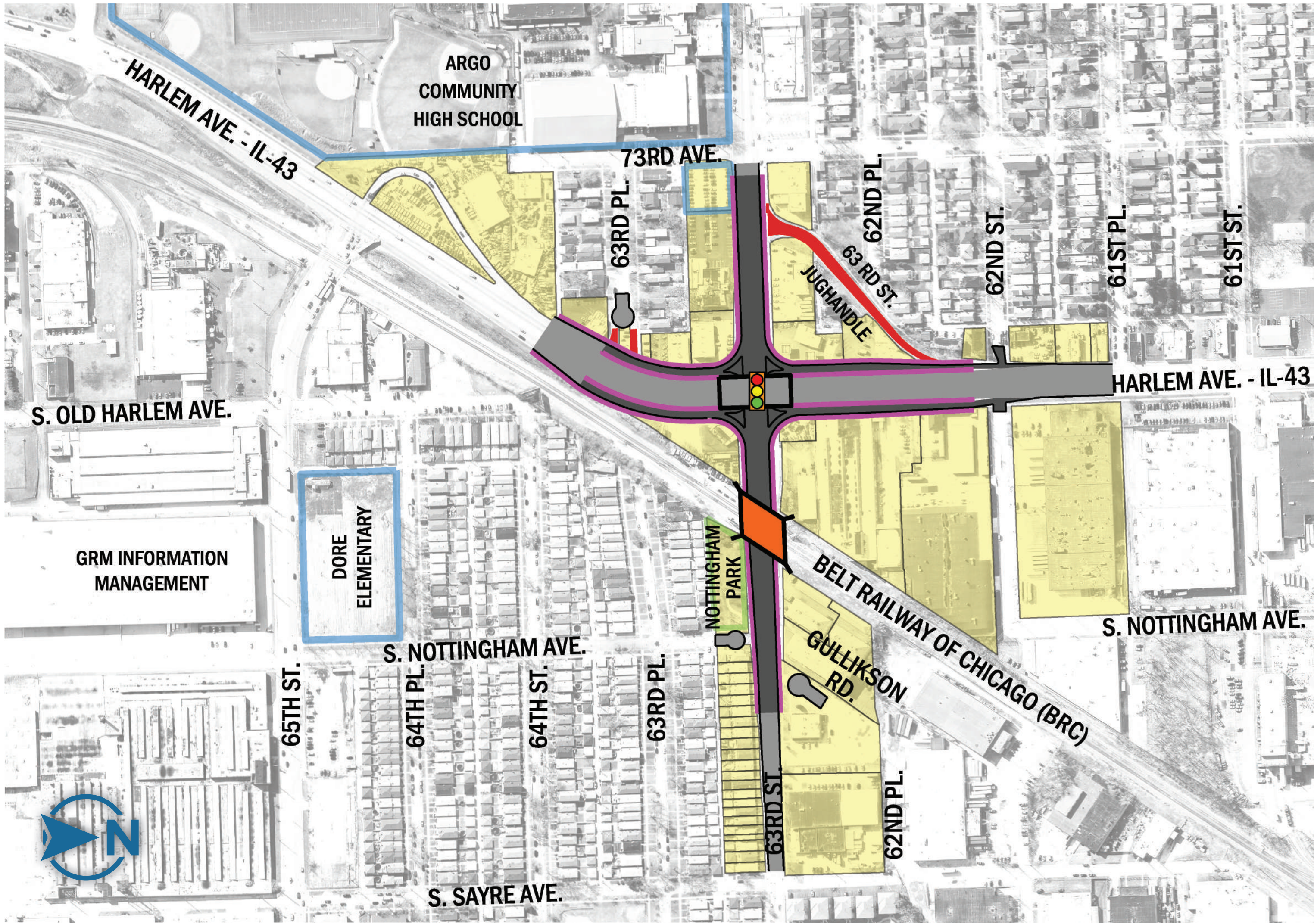
## Cost

\$    \$\$    \$\$\$



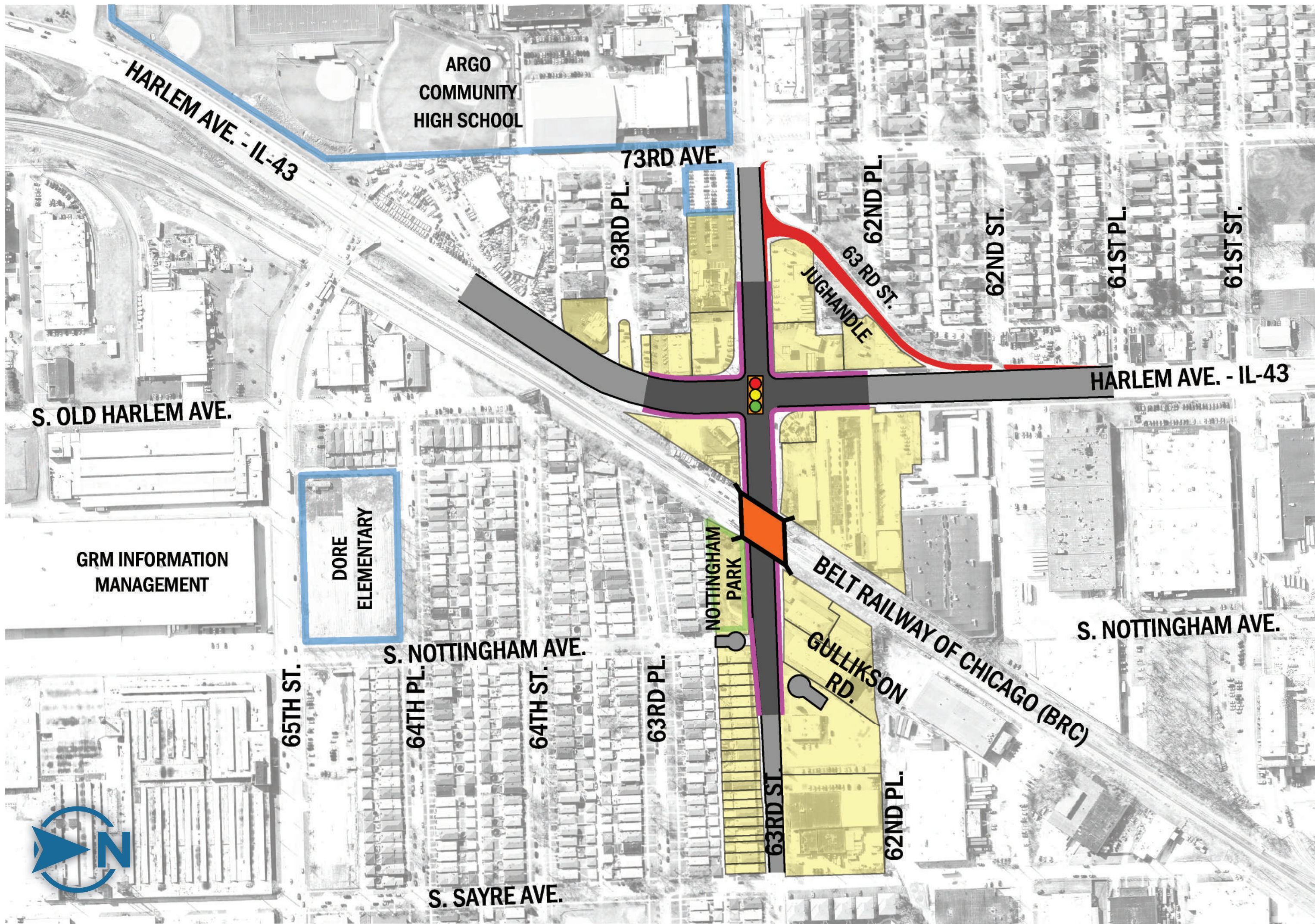
### Depressed with Jughandle

- Depressed 63<sup>rd</sup> St. under at-grade BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Reconfigure jughandle to accommodate Harlem Ave./63<sup>rd</sup> St. intersection
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle



### Depressed with Ramps

- Depressed 63<sup>rd</sup> St. under at-grade BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Depressed signalized intersection, on 63<sup>rd</sup> St., with access ramps along Harlem Ave.
- Remove jughandle at Harlem Ave./63<sup>rd</sup> St.



### Depressed Intersection

- Depressed 63<sup>rd</sup> St. under at-grade BRC; Harlem Ave. is depressed to intersect 63<sup>rd</sup> St. at same grade
- Harlem Ave./63<sup>rd</sup> St. intersection lowered with retaining walls
- Remove jughandle at Harlem Ave./63<sup>rd</sup> St.

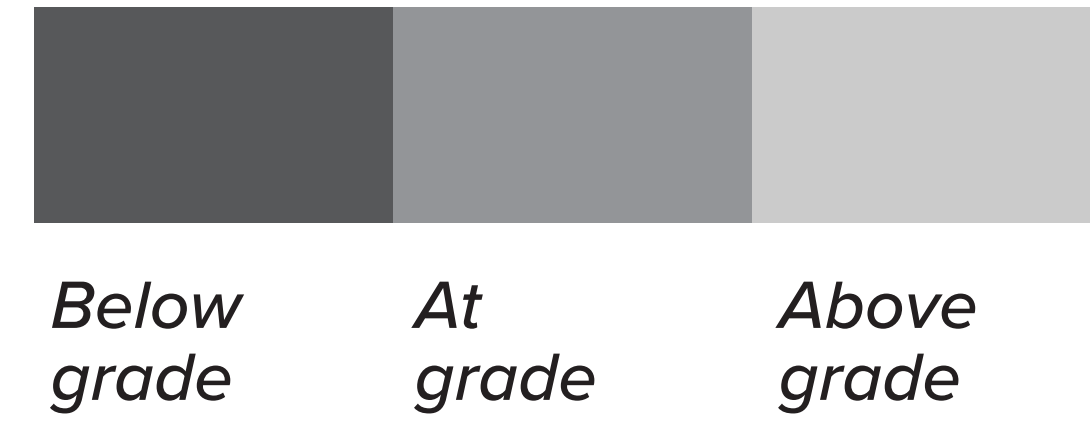


# Group 5: 65<sup>th</sup> St. Elevated

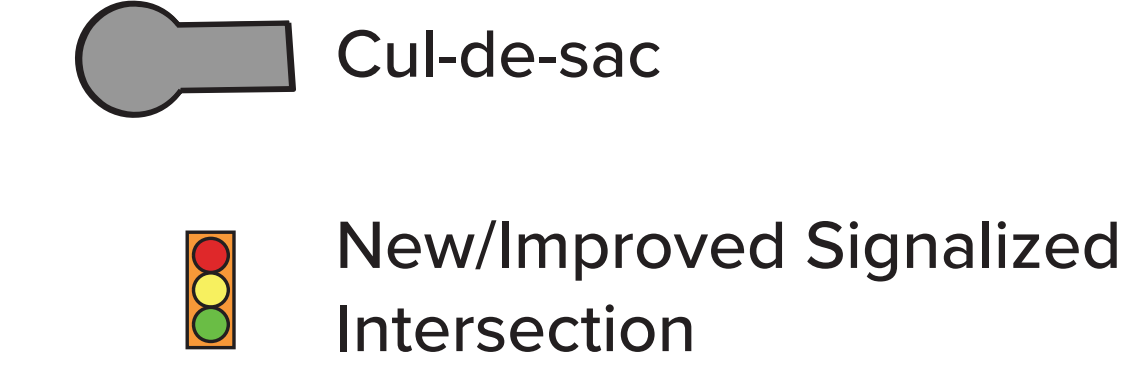
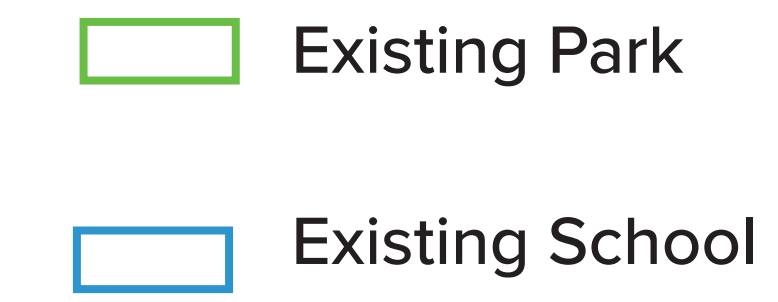
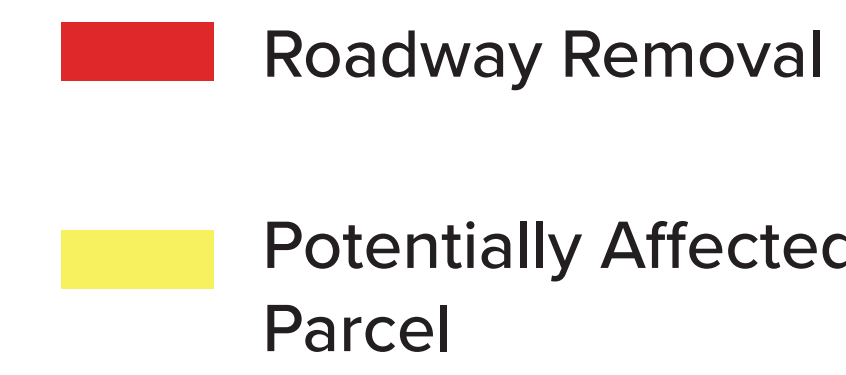
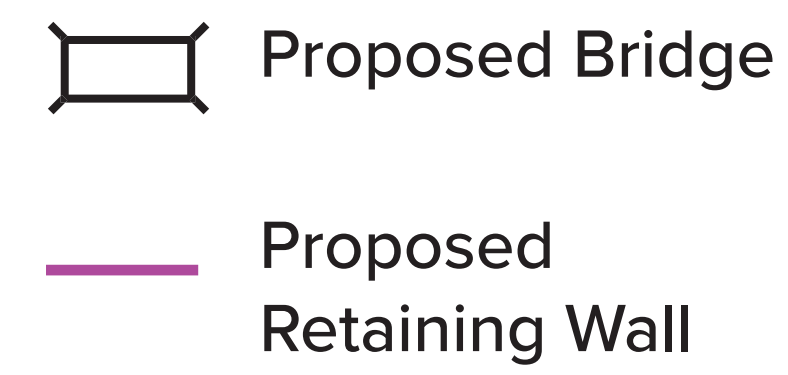
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway

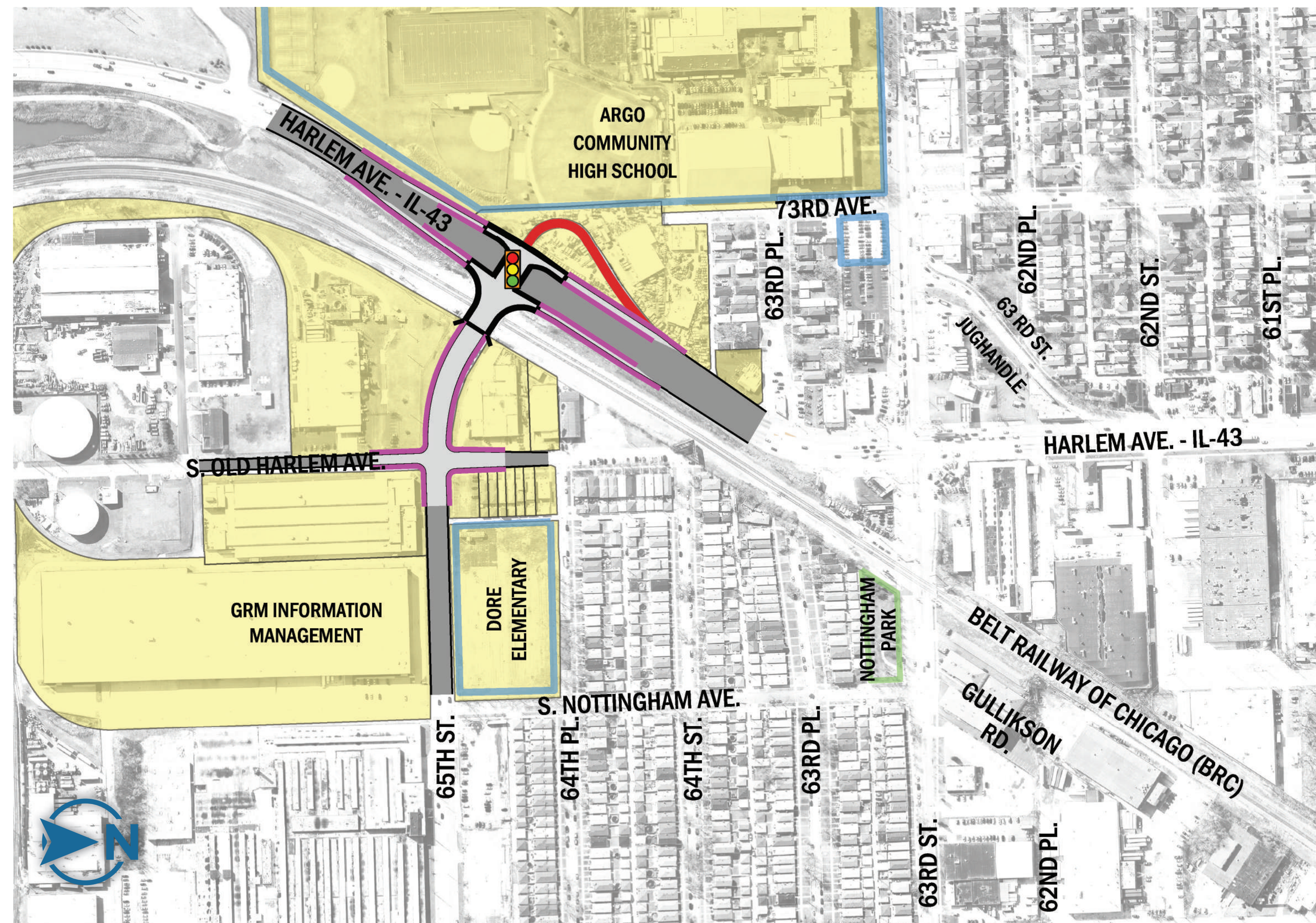


#### Railroad



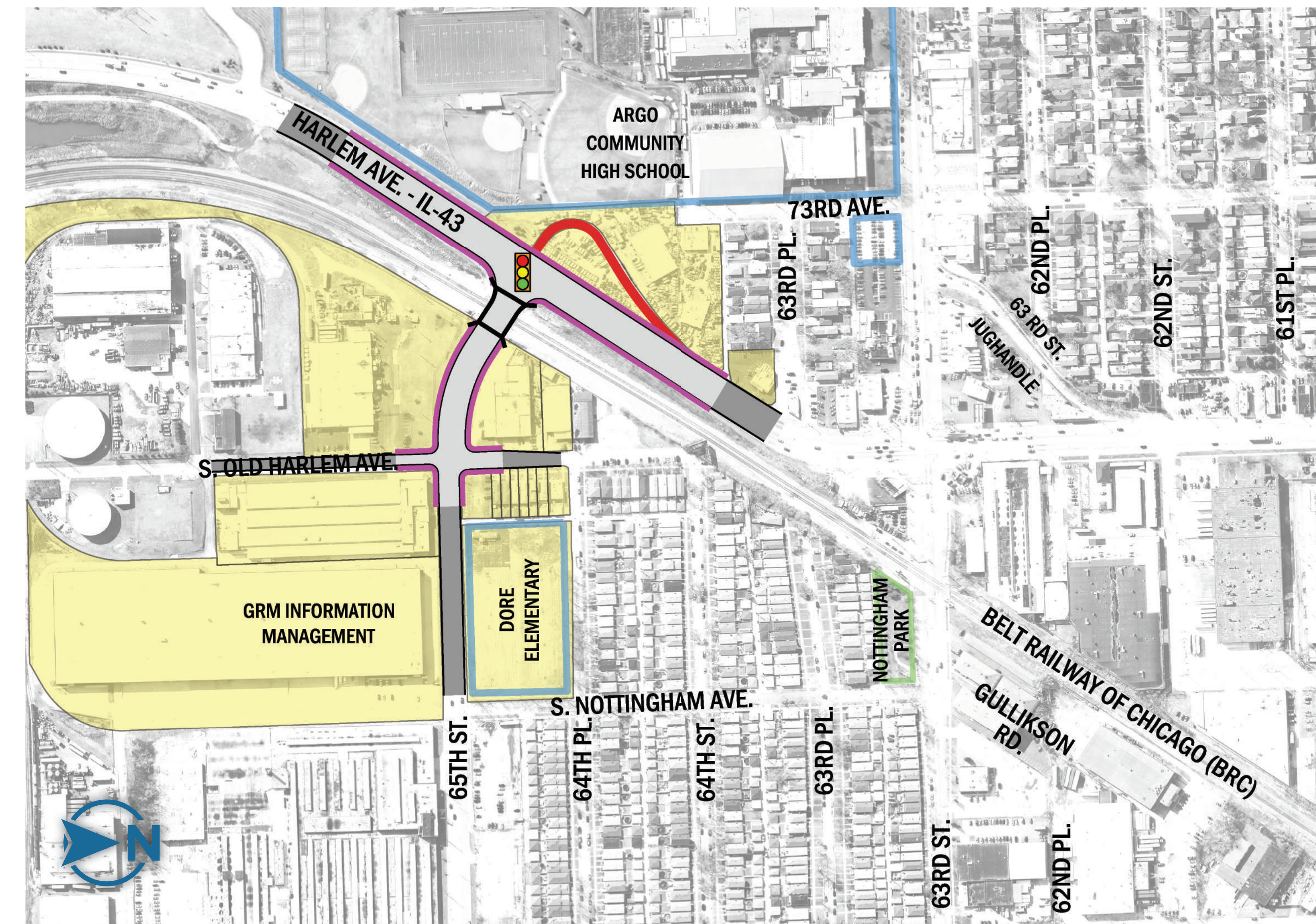
## Cost

\$    \$\$    \$\$\$



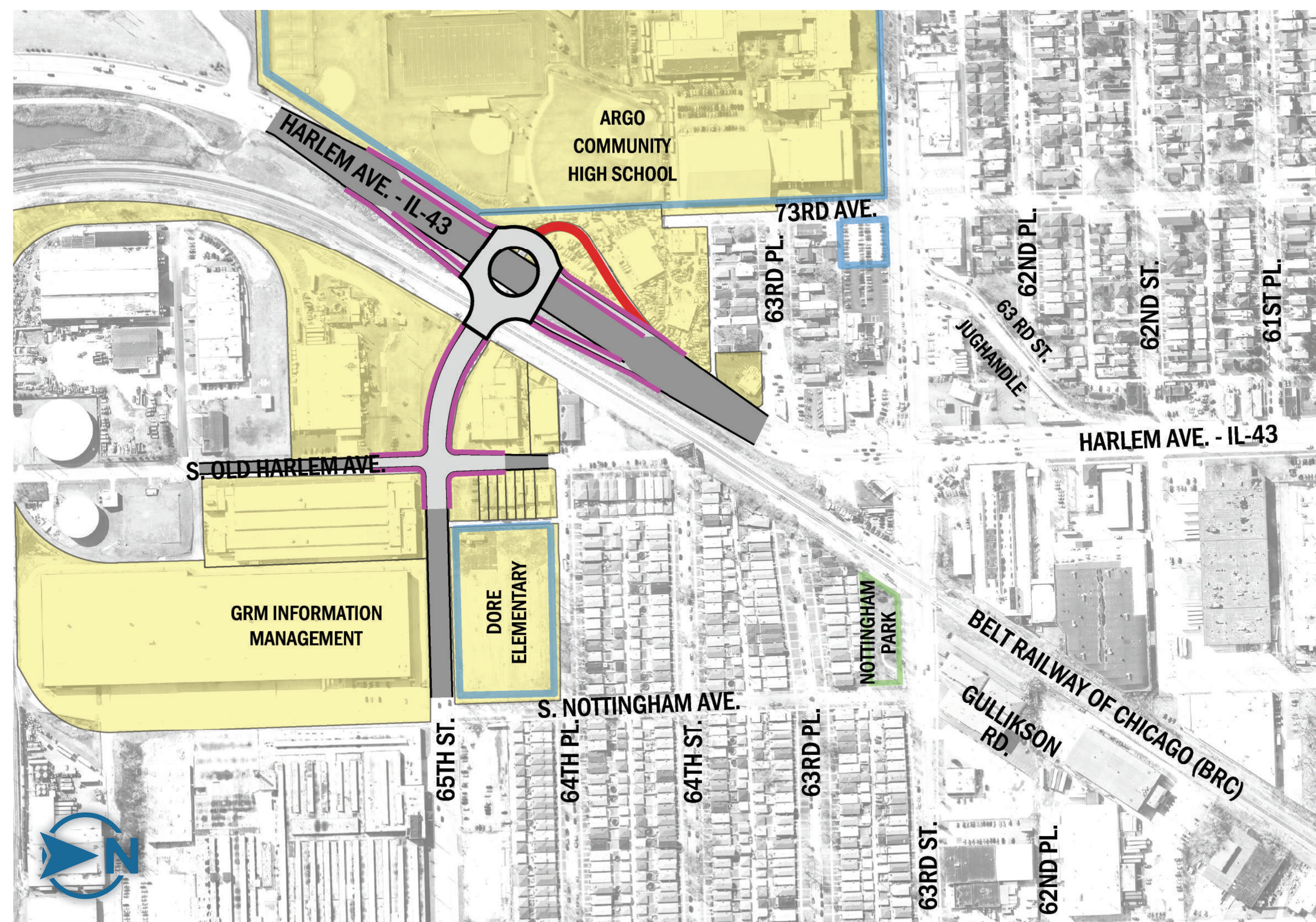
### Elevated with Ramps

- Elevated 65<sup>th</sup> St. over BRC and Harlem Ave.
- Elevated signalized intersection, on 65<sup>th</sup> St., with access ramps to/from at-grade Harlem Ave.
- Remove jughandle at Harlem Ave./65<sup>th</sup> St.



### Elevated Intersection

- Elevated 65<sup>th</sup> St. over BRC; Harlem Ave. elevated to intersect 65<sup>th</sup> St. at same grade
- New raised signalized intersection at Harlem Ave./65<sup>th</sup> St. with retaining walls
- Remove jughandle at Harlem Ave./65<sup>th</sup> St.



### Elevated Roundabout

- Elevated 65<sup>th</sup> St. over BRC and Harlem Ave.
- Elevated Roundabout, on 65<sup>th</sup> St., with access ramps to/from at-grade Harlem Ave.
- Remove jughandle at Harlem Ave./65<sup>th</sup> St.



# Group 6: 65<sup>th</sup> St. Depressed

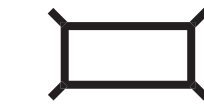
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway



#### Railroad



Proposed Bridge



Proposed Retaining Wall



Roadway Removal



Potentially Affected Parcel



Existing Park



Existing School



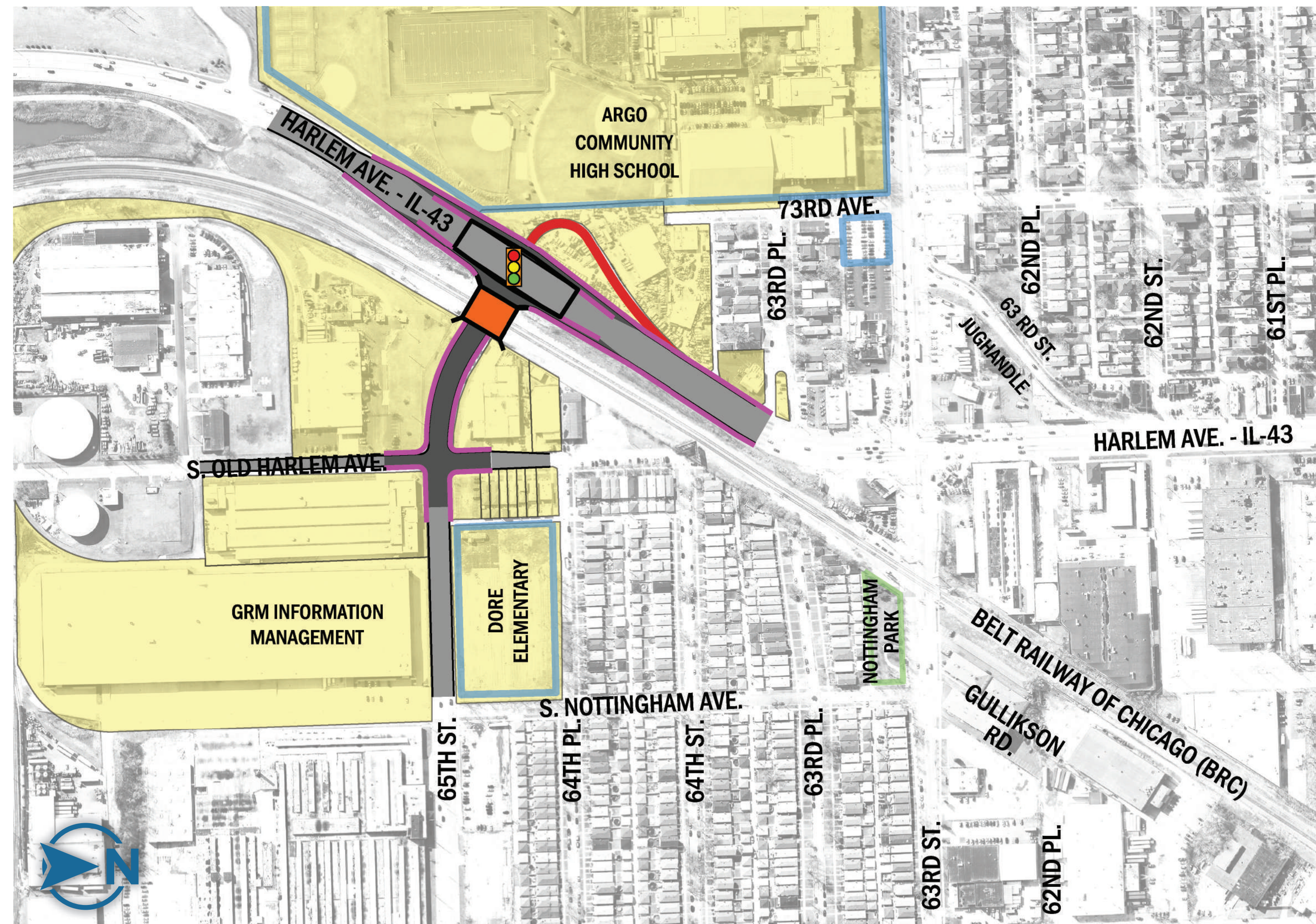
Cul-de-sac



New/Improved Signalized Intersection

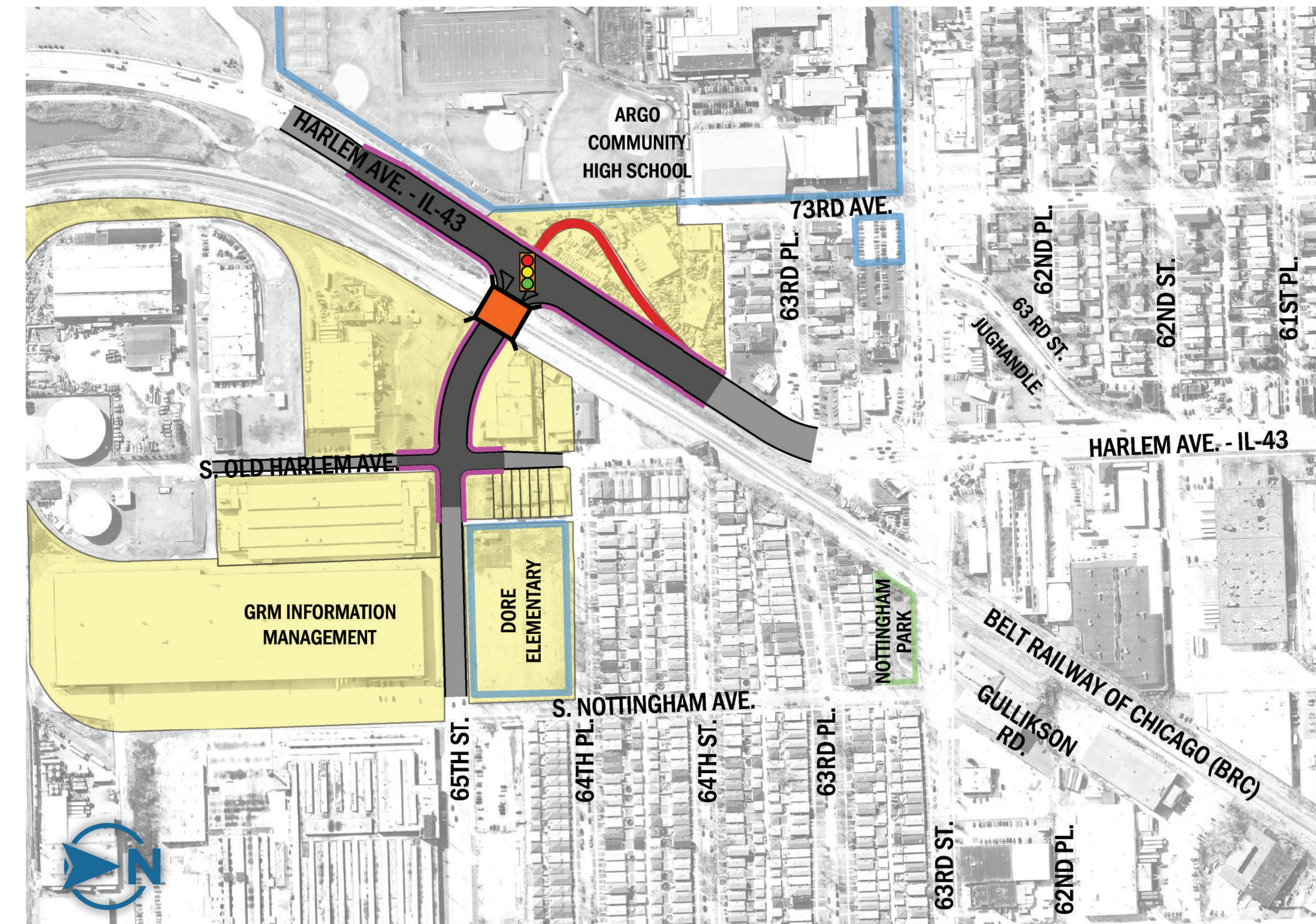
## Cost

\$    \$\$    \$\$\$



## Depressed with Ramps

- Depressed 65<sup>th</sup> St. under BRC and Harlem Ave.
- New 2-track railroad bridge for grade separation
- New Harlem Ave. roadway bridge
- Depressed signalized intersection with ramps to/from Harlem Ave.
- Remove jughandle at Harlem Ave./65<sup>th</sup> St.



## Depressed Intersection

- Depressed 65<sup>th</sup> St. under BRC
- New 2-track railroad bridge for grade separation
- New lowered signalized intersection at Harlem Ave./65<sup>th</sup> St with retaining walls
- Remove jughandle at Harlem Ave./65<sup>th</sup> St.

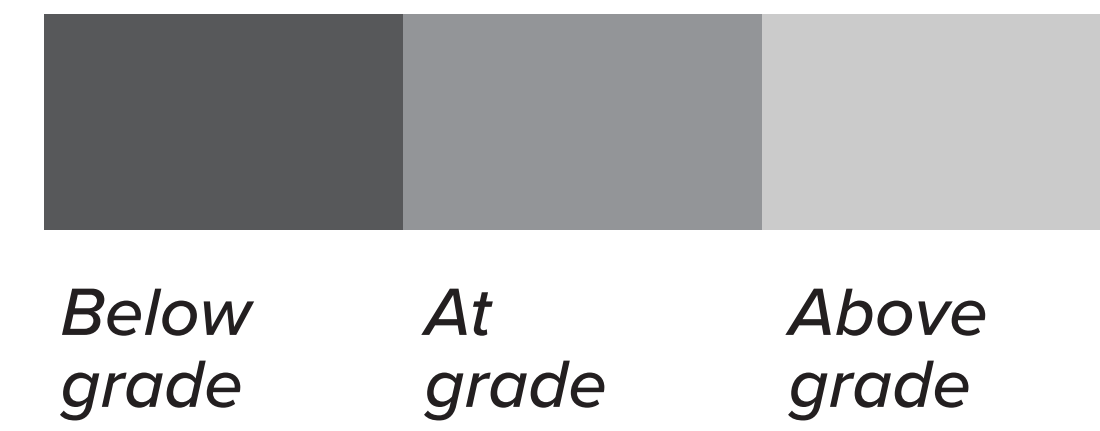


# Group 7: 63<sup>rd</sup> St. and 65<sup>th</sup> St. Elevated/Depressed Combinations

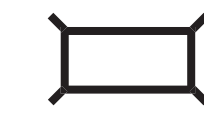
## LEGEND

### PROPOSED IMPROVEMENTS

#### Roadway



#### Railroad



Proposed Bridge



Proposed Retaining Wall



Roadway Removal



Potentially Affected Parcel



Existing Park



Existing School



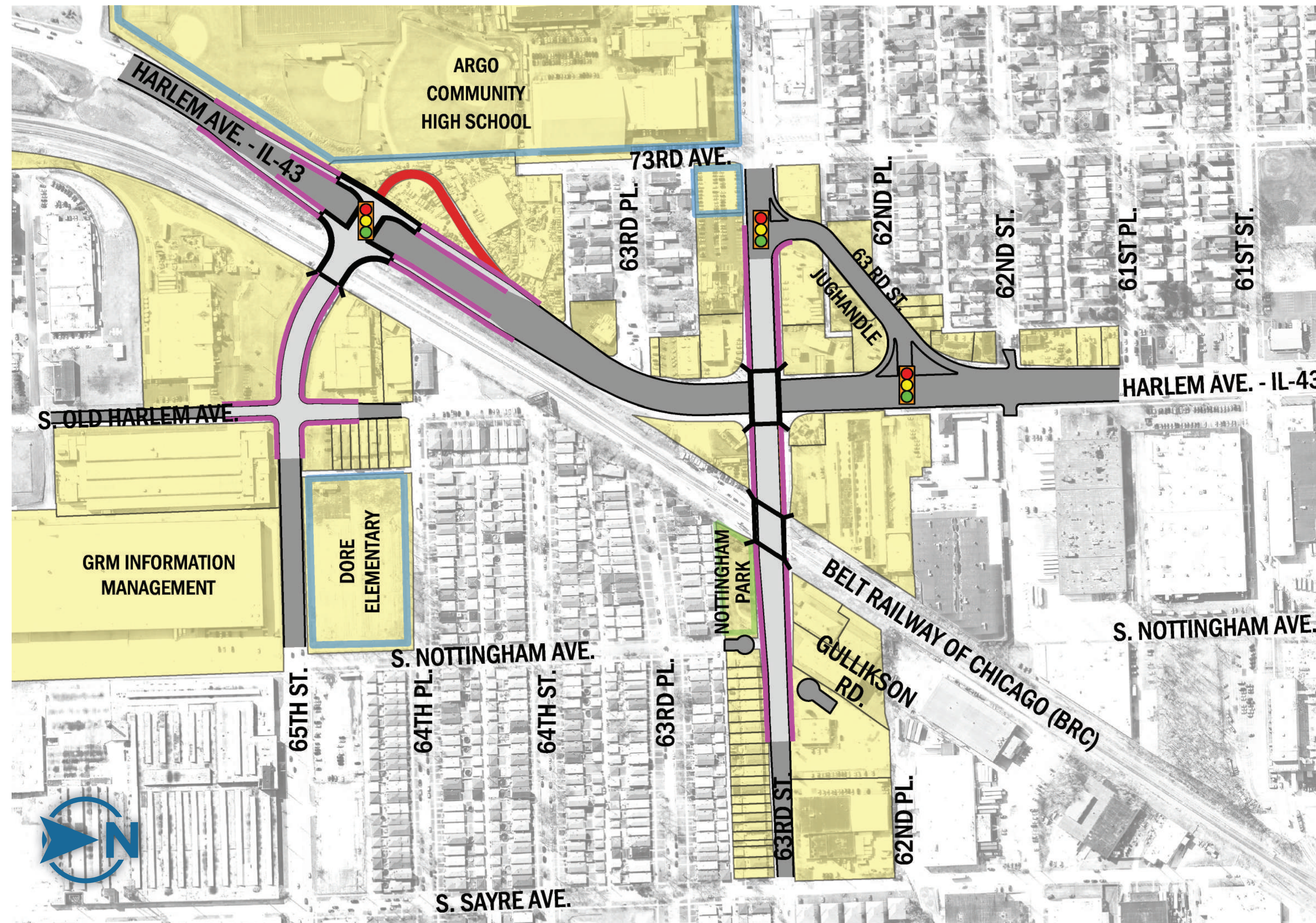
Cul-de-sac



New/Improved Signalized Intersection

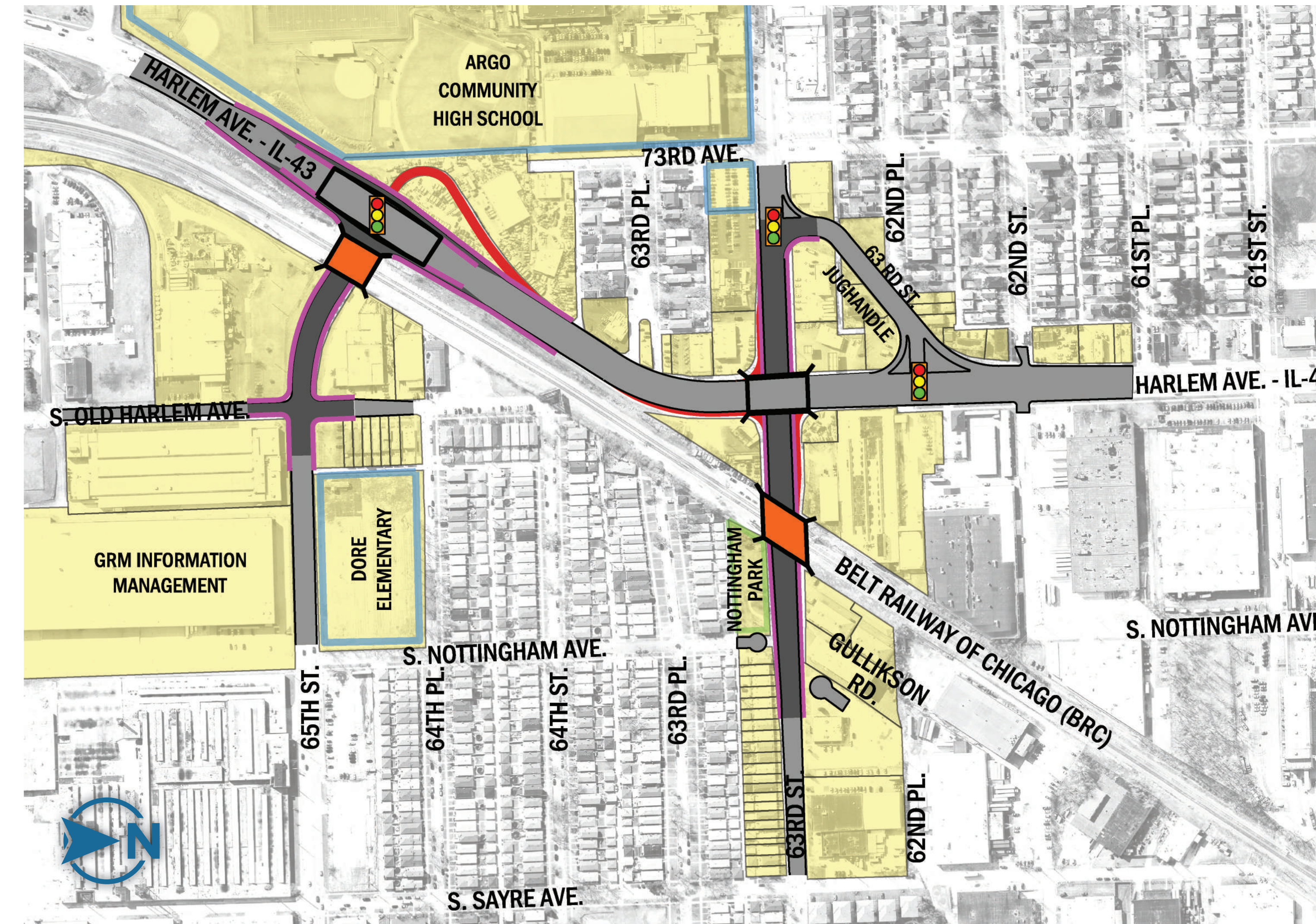
## Cost

\$    \$\$    \$\$\$



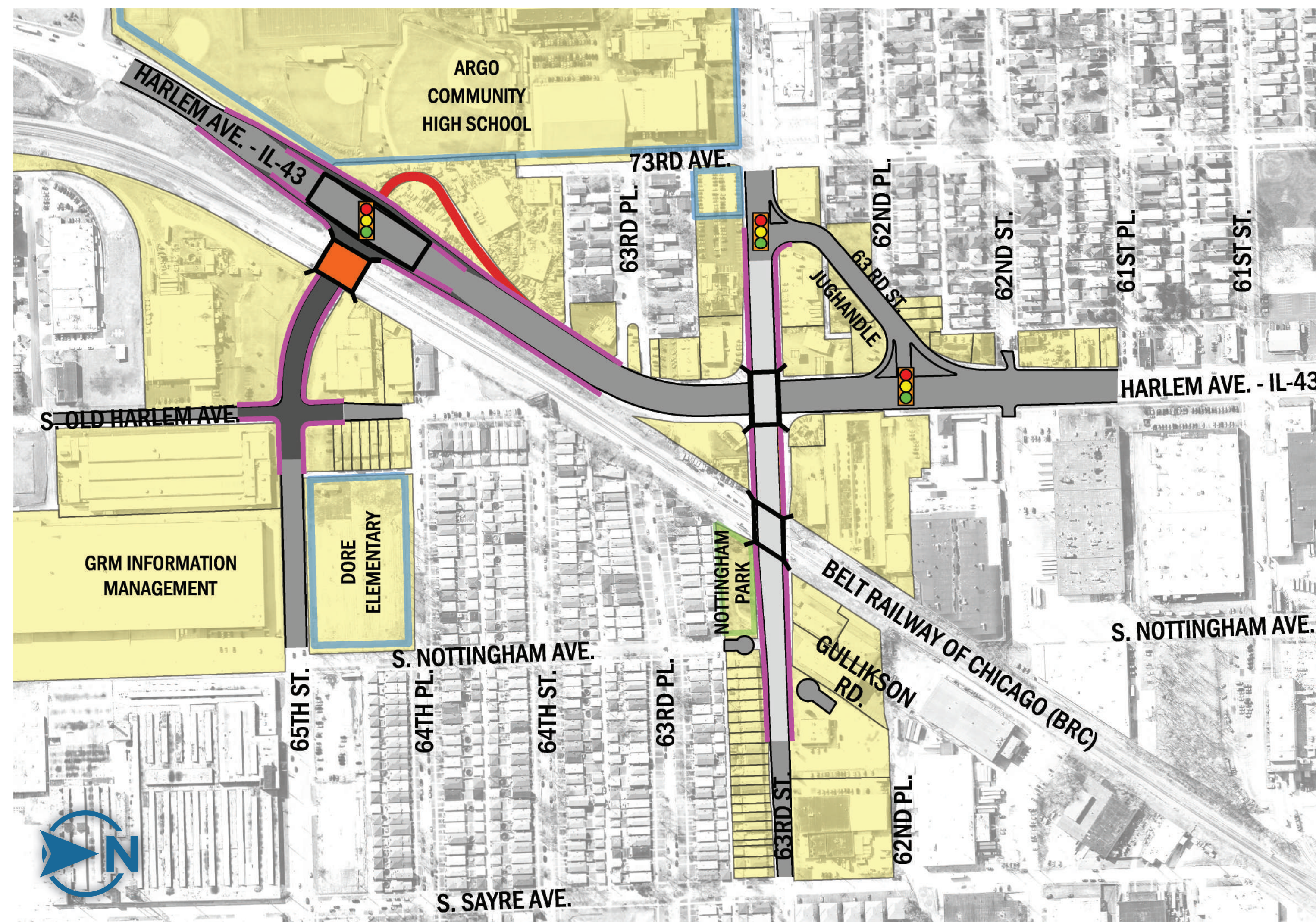
### Elevated 63<sup>rd</sup> St. with Jughandle and Elevated 65<sup>th</sup> St. with Ramps

- Elevated 63<sup>rd</sup> St. over BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Reconfigure jughandle to accommodate Harlem Ave./63<sup>rd</sup> St. intersection
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle
- Elevated 65<sup>th</sup> St. over BRC and Harlem Ave.
- Elevated signalized intersection on 65<sup>th</sup> St. with ramps to/from at-grade Harlem Ave.
- Remove jughandle at Harlem Ave. & 65<sup>th</sup> St.



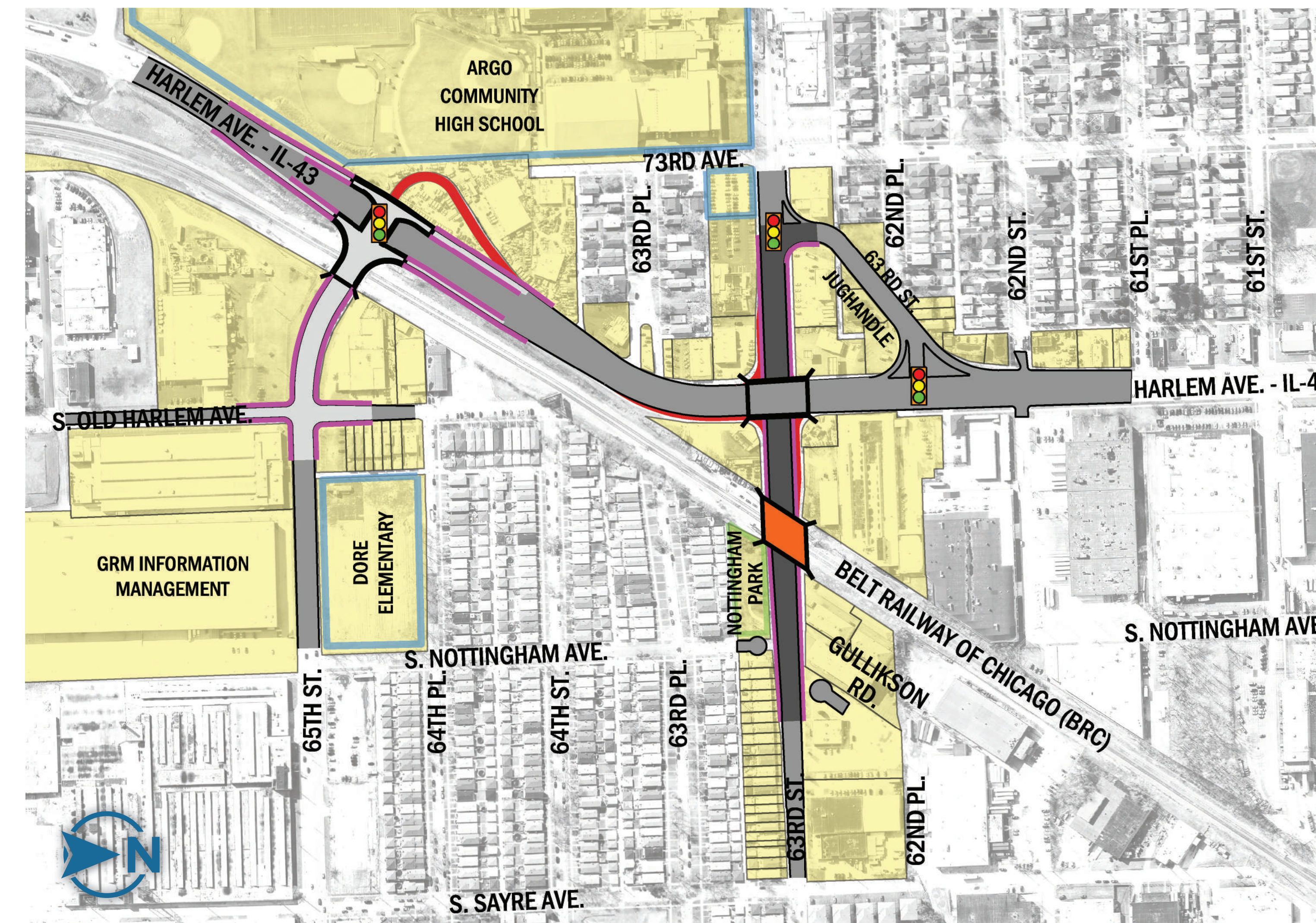
### Depressed 63<sup>rd</sup> St. with Jughandle and Depressed 65<sup>th</sup> St. with Ramps

- Depressed 63<sup>rd</sup> St. under at-grade BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Reconfigure jughandle to accommodate Harlem Ave./63<sup>rd</sup> St. intersection
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle
- Depressed 65<sup>th</sup> St. under BRC and Harlem Ave.
- Depressed signalized intersection on 65<sup>th</sup> St. with ramps to/from Harlem Ave. & 65<sup>th</sup> St.
- New 2-track railroad bridges for grade separations at 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- New Harlem Ave. roadway bridges over 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- New 2-track railroad bridges for grade separations at 63<sup>rd</sup> St. and 65<sup>th</sup> St.
- New Harlem Ave. roadway bridges over 63<sup>rd</sup> St. and 65<sup>th</sup> St.



### Elevated 63<sup>rd</sup> St. with Jughandle and Depressed 65<sup>th</sup> St. with Ramps

- Elevated 63<sup>rd</sup> St. over BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- Reconfigure jughandle to accommodate Harlem Ave./63<sup>rd</sup> St. intersection
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle
- Depressed 65<sup>th</sup> St. under BRC and Harlem Ave.
- New 2-track railroad bridge for grade separation at 65<sup>th</sup> St.
- New Harlem Ave. roadway bridge over 65<sup>th</sup> St.
- Depressed signalized intersection on 65<sup>th</sup> St. with ramps to/from Harlem Ave.



### Depressed 63<sup>rd</sup> St. with Jughandle and Elevated 65<sup>th</sup> St. with Ramps

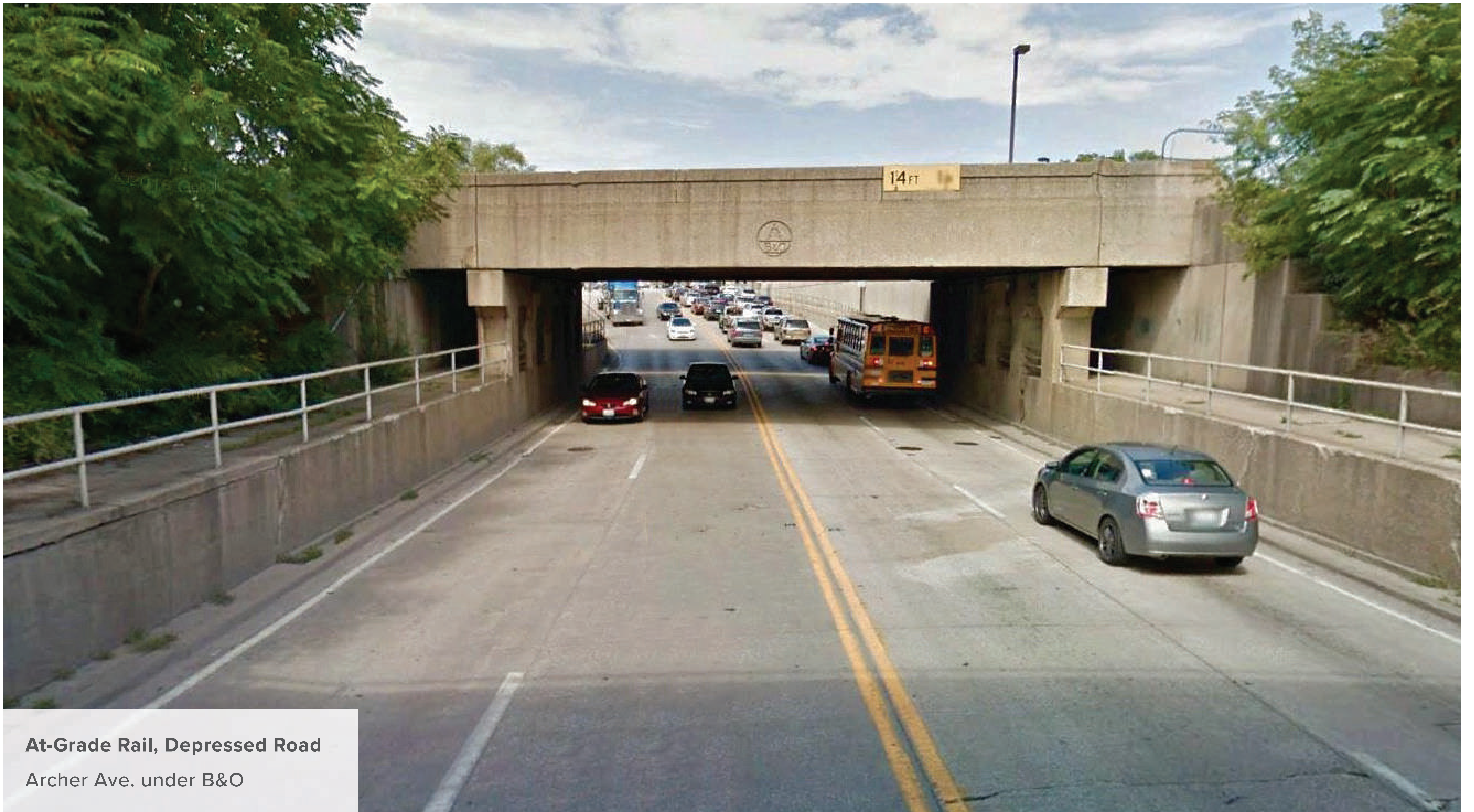
- Depressed 63<sup>rd</sup> St. under at-grade BRC and Harlem Ave.
- Harlem Ave. / 63<sup>rd</sup> St. intersection grade separated
- New 2-track railroad bridge for grade separation at 63<sup>rd</sup> St.
- New Harlem Ave. roadway bridge over 63<sup>rd</sup> St.
- Reconfigure jughandle to accommodate Harlem Ave./63<sup>rd</sup> St. intersection
- New signalized intersection on Harlem Ave. at 63<sup>rd</sup> St. jughandle
- Elevated 65<sup>th</sup> St. over BRC and Harlem Ave.
- Elevated signalized intersection on 65<sup>th</sup> St. with ramps to/from at-grade Harlem Ave.
- Remove jughandle at Harlem Ave. & 65<sup>th</sup> St.



# Grade Separation Examples



**Elevated Rail, At-Grade Road**  
IL-19 (Irving Park Rd.) under East UP Rail Bridge



**At-Grade Rail, Depressed Road**  
Archer Ave. under B&O