



# **I&M - Centennial Trail Bike Path Connection Master Plan**

**City of Lockport**

**CITGO  
Petroleum Corporation**

**Village of Romeoville**

**December 2021**

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## 1. OVERVIEW

In October 2019, the City of Lockport adopted their Bicycle Master Plan. The plan's purpose was to serve as a guide for the planning, prioritization, and implementation of biking and pedestrian trails that link the City's recreational spaces, schools, commercial areas and other community destinations.

One of the recommendations included in the master plan was to develop a multi-city bike trail that connects the cities of Lemont, Lockport, Romeoville, and Joliet. Currently the I&M Canal Trail runs north from Joliet through Lockport, and connects to the Centennial Trail in Romeoville at Romeo Road. The Centennial Trail continues north to Lemont and connects to the Veterans Memorial Trail. The connection at Romeo Road is adjacent to CITGO Petroleum Corporation. This section of trail is owned by the Forest Preserve District of Will County and leased to the Village of Romeoville.

The City of Lockport and CITGO engaged the planning team of JSD Professional Services, Inc., in June 2021 to research the feasibility of upgrading and improving this connection. The goal of the I&M - Centennial Trail Bike Path Connection Master Plan is to improve trail connectivity, identification, and safety.

## 2. INVENTORY AND ANALYSIS

The planning process began with a site inventory to review existing conditions, document site features, traffic, and current use patterns; as well as complete a photographic inventory. JSD staff, along with the client, visited the site on July 20, 2021.

The I&M Canal Trail is crushed limestone and ends at Old Romeo Road at the edge of the Romeo Road overpass. The trail continues along Old Romeo Road east towards the CITGO property. This section of trail is poorly marked with limited indication that a bicyclist can eventually connect to the Old Centennial Trail. In addition, Old Romeo Road is heavily traveled by semi-trucks Monday through Saturday, with an average of 200 trucks per day, which creates a precarious position for bicyclists and vehicles.

The following photos document the current conditions of the trail section.



An aerial perspective view of the project location



Existing I&M Canal Trailhead



Existing I&M Canal Trailhead



Looking east - Old Romeo Road



Looking east - headwall



Gravel area next to entrance to ComED Substation entrance



Looking northeast towards CITGO Refinery



Looking southwest - Old Romeo Road



Looking north - CITGO Refinery



Existing trail



Existing trail along Romeo Road

# CONCEPT PLAN & PRECEDENT IMAGERY

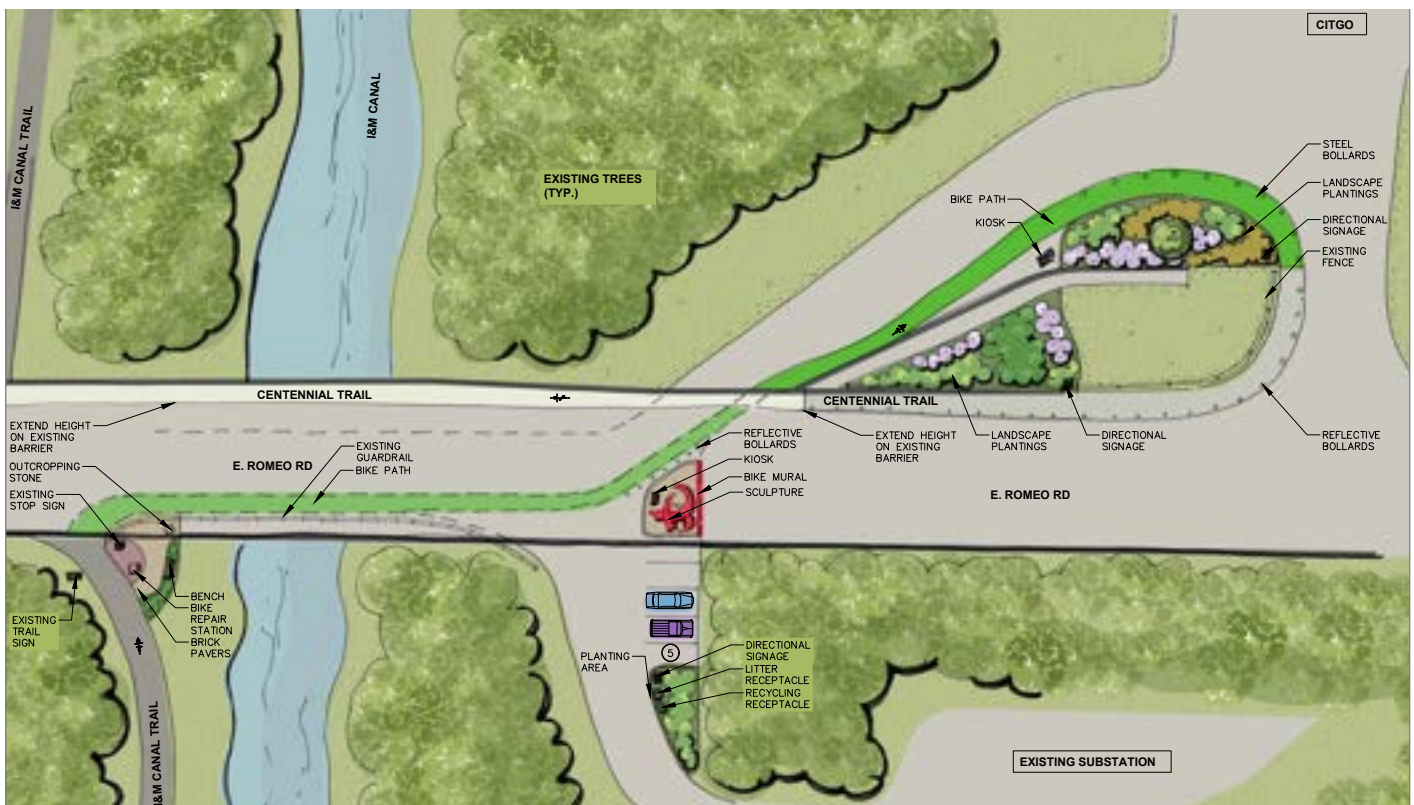
## 3. CONCEPT PLAN

A kick-off meeting was conducted in June which included the formation of the Bicycle Advisory Committee. The Committee includes representatives from the Village of Romeoville, Village of Lemont, The Forest Preserve District of Will County, and the City of Lockport.

Based on the goals, objectives and needs defined by previous public facilitation efforts, site analysis and discussion during the kick-off meeting, a conceptual plan was developed to illustrate a defined and enhanced connection from the existing I&M Canal trail head across Old Romeo Road and up to Romeo Road which connects to the Centennial Trail to the west. The conceptual design for the enhanced connection includes:

- Visually separated marked lane (painted with "sharrows")
- Flexible bollards
- Improved directional signage
- Bike repair station
- Seating
- Information kiosk
- Public art
- Parking
- Landscape plantings

The Concept Plan is shown below; followed by precedent imagery. A full size version is contained in the Appendix.











The Concept Plan was presented to the Bicycle Advisory Committee on August 4, 2021 for review and comment and reviewed with the Village of Romeoville's Public Works Department on October 25, 2021.

The following comments were received and discussed:

- Widen roadway for truck access
- Review head wall and parking layout
- Engage a surveyor to complete an existing conditions survey
- Remove the public art sculpture
- Remove the bollards, add reflectors
- Add option for stained concrete wall
- Add striping in lieu of painted surface east of the headwall
- Show future connection to the Romeoville Metra Station

#### 4. MASTER PLAN

Based on comments received from the committee, the Concept Plan was revised and the Final Maser Plan was completed. The Master Plan includes updated multi-use trail painted surface limits, widened roadway per truck turn analysis, relocated parking area to accommodate multi-use trail connection to the Village of Romeoville Metra Station, and reduced landscape plantings. A full size version is contained in the Appendix. As part of the Master Plan effort three-dimensional models were generated to illustrate the improvements as defined by the Master Plan. The graphic renderings and precedent imagery are meant to be suggestive in nature relative to the Master Plan layout.



Final Master Plan





## 5. COST SUMMARY & FUNDING ALTERNATIVES

Below is an opinion of probable construction costs for the I&M - Centennial Trail Bike Path Connection. The projected implementation costs have been derived from current and past JSD project construction numbers in conjunction with research, experience and professional opinion on probable construction costs.

### Opinion of Probable Construction Costs

1	General Conditions, Removals, Site Protection	\$ 30,000.00
2	Site Grading	\$ 35,000.00
3	Concrete Walks, Curb, Multi-use Trail, and Parking Lot	\$ 130,000.00
	<ul style="list-style-type: none"><li>• Concrete walks/curb</li><li>• MMA Street Graphics with thermoplastic symbols</li><li>• Bituminous pavement parking area</li><li>• Drainage area</li><li>• Decomposed granite</li></ul>	
4	Site Furnishings/Mural	\$ 45,000.00
	<ul style="list-style-type: none"><li>• Benches</li><li>• Bike repair station</li><li>• Litter and recycling receptacles</li><li>• Kiosk</li><li>• Directional signage</li></ul>	
5	Landscape Plantings/Turf Restoration	\$ 20,000.00
	<b>Project Subtotal:</b>	<b>\$260,000.00</b>
	<b>20% Contingency</b>	<b>\$ 52,000.00</b>
	<b>Grand Total:</b>	<b>\$312,000.00</b>

\*\*\*Alternate Bid Option: Connection to the Metra Station trail \$125,000.00

It is recommended that the funding for the bike path connection improvements is achieved through cost-sharing between the Village of Romeoville, City of Lockport, CITGO, and the Forest Preserve District of Will County. Other funding sources include possible support through programs such as the Transportation Alternatives Program (TAP-L) (Agency: CMAP), the Illinois Bicycle Path Grant Program (Agency: IDNR), Recreational Trails Program (Agency: IDNR) and the PeopleForBikes Community Grant Program (Agency: PeopleForBikes).

# Appendix



June 29, 2021

## Kick-off Meeting Agenda

### City of Lockport/CITGO Bike Master Plan

- Introductions
- General Project Overview/Scope
- Documents
  - Midwest Refinery Lease
  - IDNR Lease
  - Available drawings
- Site Visit
  - Schedule a time to walk the area with CITGO staff and the City of Lockport
- Advisory Committee Representatives
  - Dawn M. Caldwell  
Village Manager – Romeoville  
1050 W. Romeo Road  
Romeoville, Illinois 60446  
815/886-0279 [dcaldwell@romeoville.org](mailto:dcaldwell@romeoville.org)
  - George Schafer  
Village Administrator  
418 Main St.  
Lemont, IL 60439  
630-257-1590 [gschafer@lemont.il.us](mailto:gschafer@lemont.il.us)
  - Cori Crawford  
GIS and Planning Coordinator at Forest Preserve District of Will County  
17540 W. Laraway Road  
Joliet, IL 60433  
815.727.8700 [ccrawford@fpdwc.org](mailto:ccrawford@fpdwc.org)
  - Others?
- Discussion
- Next Steps
  - JSD prepares Base Map
  - Meet with Advisory Committee

## Meeting Minutes

Meeting Date: June 29, 2021  
Meeting Time: 3:00 PM  
Meeting Location: 222 E 9th St, Lockport, IL 60441  
Subject: Lockport/CITGO Bike Master Plan  
JSD Project #: 20-9591  
Facilitator(s): Lori Vierow/Sarah Dreier

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### **Attendance**

Ben Benson, City of Lockport  
Lance Thies, City of Lockport  
Heather Winter, CITGO  
Sarah Dreier, JSD  
Lori Vierow, JSD

### **Introductions**

Introductions were conducted.

### **Topics of Discussion**

1. Reviewed proposed master plan scope;
2. Discussed alternative solution to improve access across Romeo Road/135<sup>th</sup> Street and access to the Centennial Trail;
3. CITGO removing trailers along Romeo Road for a cleaner appearance;
4. Fencing along CITGO property cannot be relocated for Veterans Memorial Trail;
5. Developed list of advisory committee members:

Dawn M. Caldwell  
Village Manager – Romeoville  
1050 W. Romeo Road  
Romeoville, Illinois 60446  
815/886-0279 [dcaldwell@romeoville.org](mailto:dcaldwell@romeoville.org)

George Schafer  
Village Administrator  
418 Main St.  
Lemont, IL 60439  
630-257-1590 [gschafer@lemont.il.us](mailto:gschafer@lemont.il.us)

Cori Crawford  
GIS and Planning Coordinator at Forest Preserve District of Will County  
17540 W. Laraway Road  
Joliet, IL 60433  
815.727.8700 [ccrawford@fpdwc.org](mailto:ccrawford@fpdwc.org)

6. Reviewed Forest Preserve District of Will County's Veterans Memorial Trail scope; and
7. Selected week of July 19 for Team Site Visit.



**Other Notes**

Updated Master Plan scope to include improvements at turn-around under Romeo Road, including interpretive signage, bike lane designation, possible parking, extended bollards, and landscape plantings.

**Action Items**

Action Item	Owner(s)	Deadline	Status
Schedule Site Visit	JSD Professional Services	July 2, 2021	

Meeting adjourned at 3:45 PM

If there are any errors or omissions, please contact Lori Vierow at [lori.vierow@jsdinc.com](mailto:lori.vierow@jsdinc.com)

# Meeting Minutes

Meeting Date: August 4, 2021  
 Meeting Time: 2:00 PM  
 Meeting Location: City Hall  
 Subject: Bicycle Advisory Committee Meeting  
 JSD Project #: 20-9591  
 Facilitator(s): JSD Professional Services, Inc.

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## Attendance

Ben Benson, City of Lockport  
 Lance Thies, City of Lockport  
 Heather Winter, CITGO  
 Cori Crawford, Forest District of Will County  
 Matt Novander, Forest District of Will County  
 Dawn Caldwell, Village of Romeoville  
 Joel Drabicki, Robinson Engineering, Ltd.  
 Jason Berry, Village of Lemont  
 Lori Vierow, JSD

## Topics of Discussion

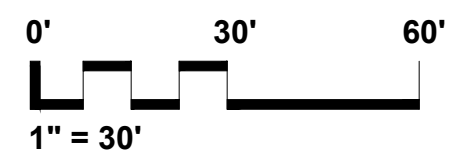
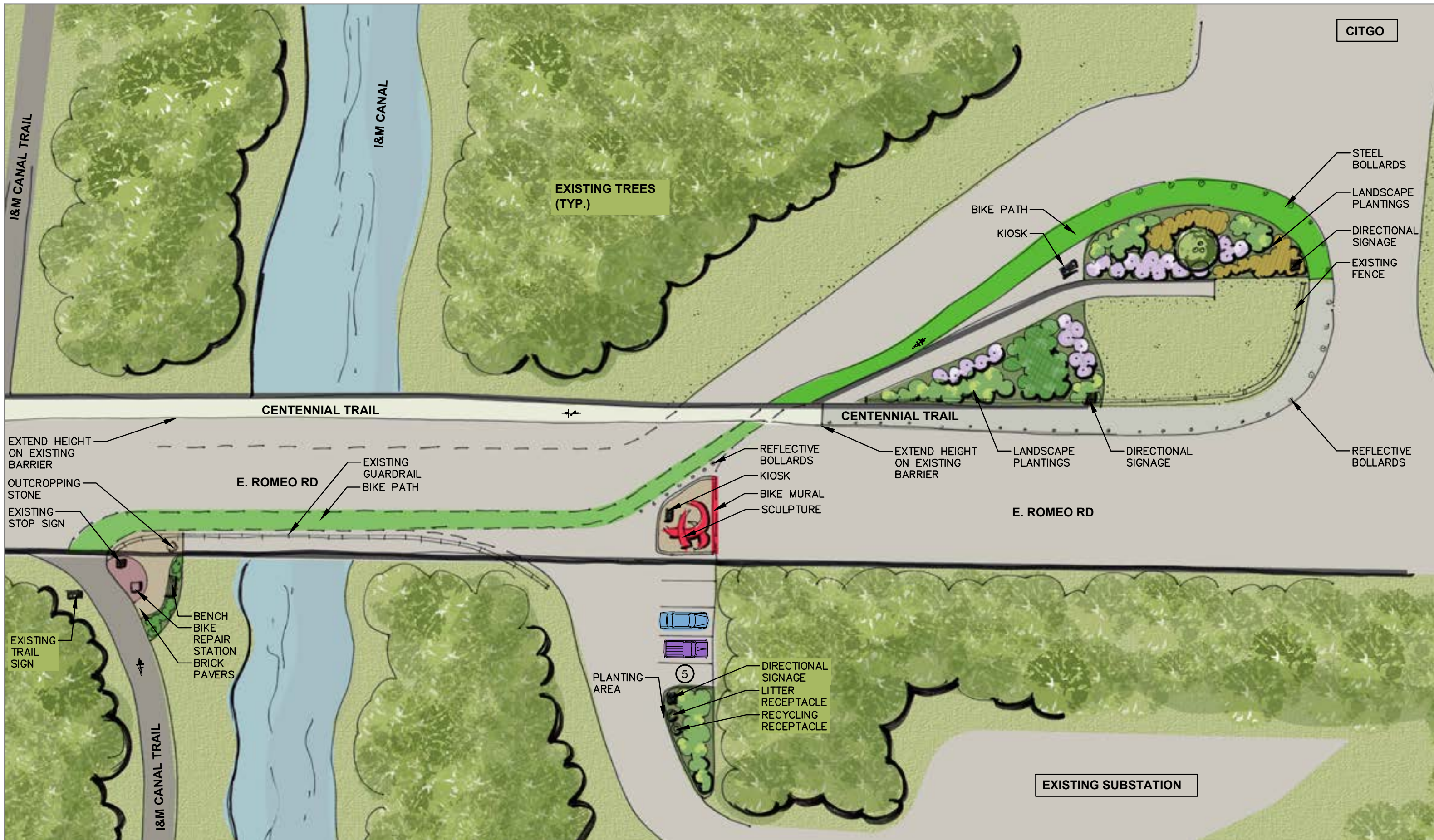
1. Reviewed proposed master plan scope;
2. Reviewed representative imagery;
3. Possible historical imagery or trail map for mural graphic;
4. Discussed multi-use path width, expand truck drive width;
5. Reviewed substation ownership/fencing, etc.;
6. Reviewed VMT proposed access with CITGO and Romeoville;
7. Discussed new FPDWC signage and bike repair station;
8. Reviewed FPDWC multi-use trail design;
9. Reviewed 10 parking spaces in lieu of 5; and
10. JSD to proceed with Final Master Plan upon receipt of existing conditions survey.

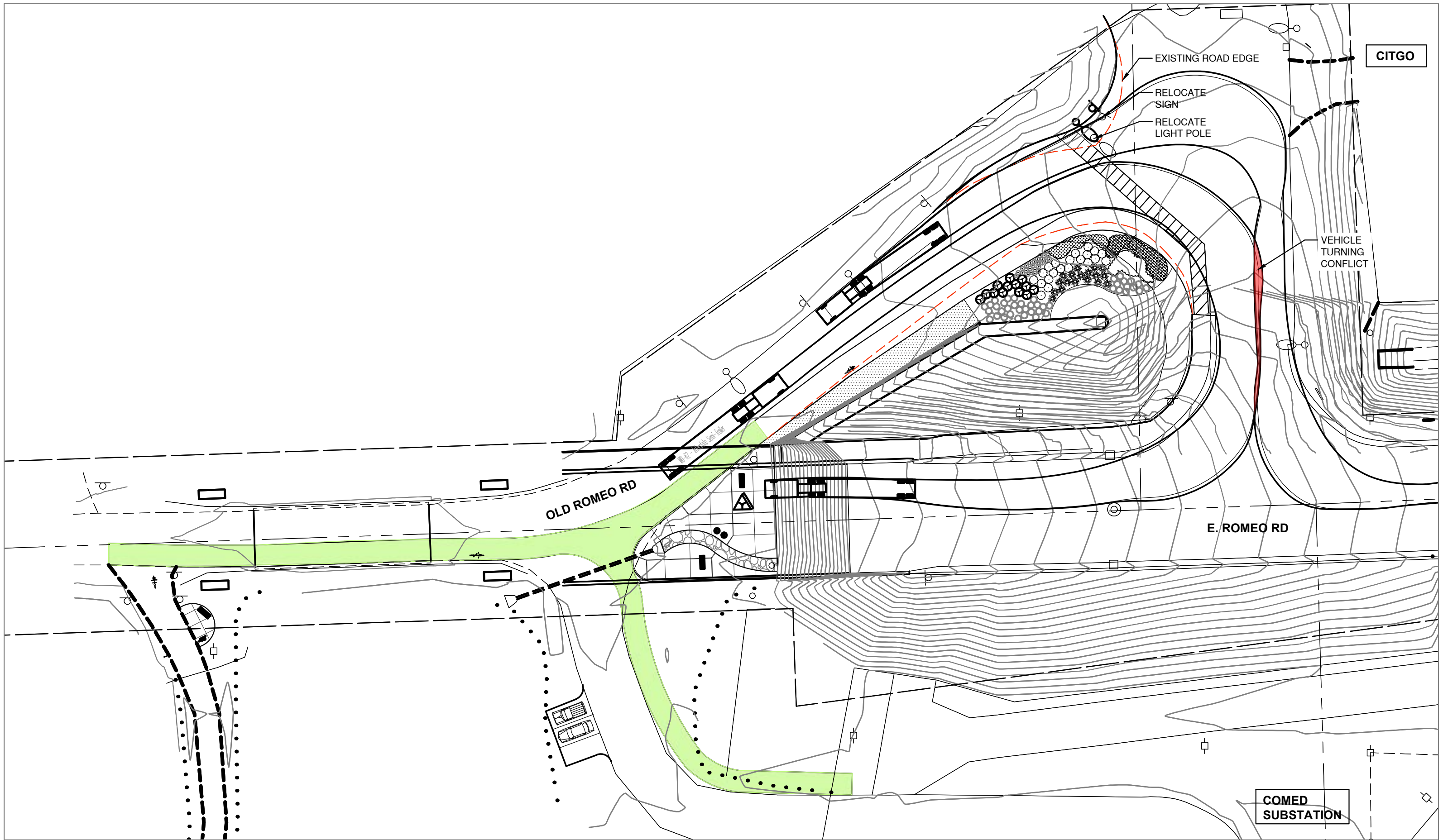
## Action Items

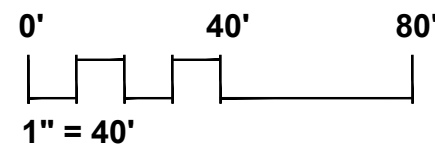
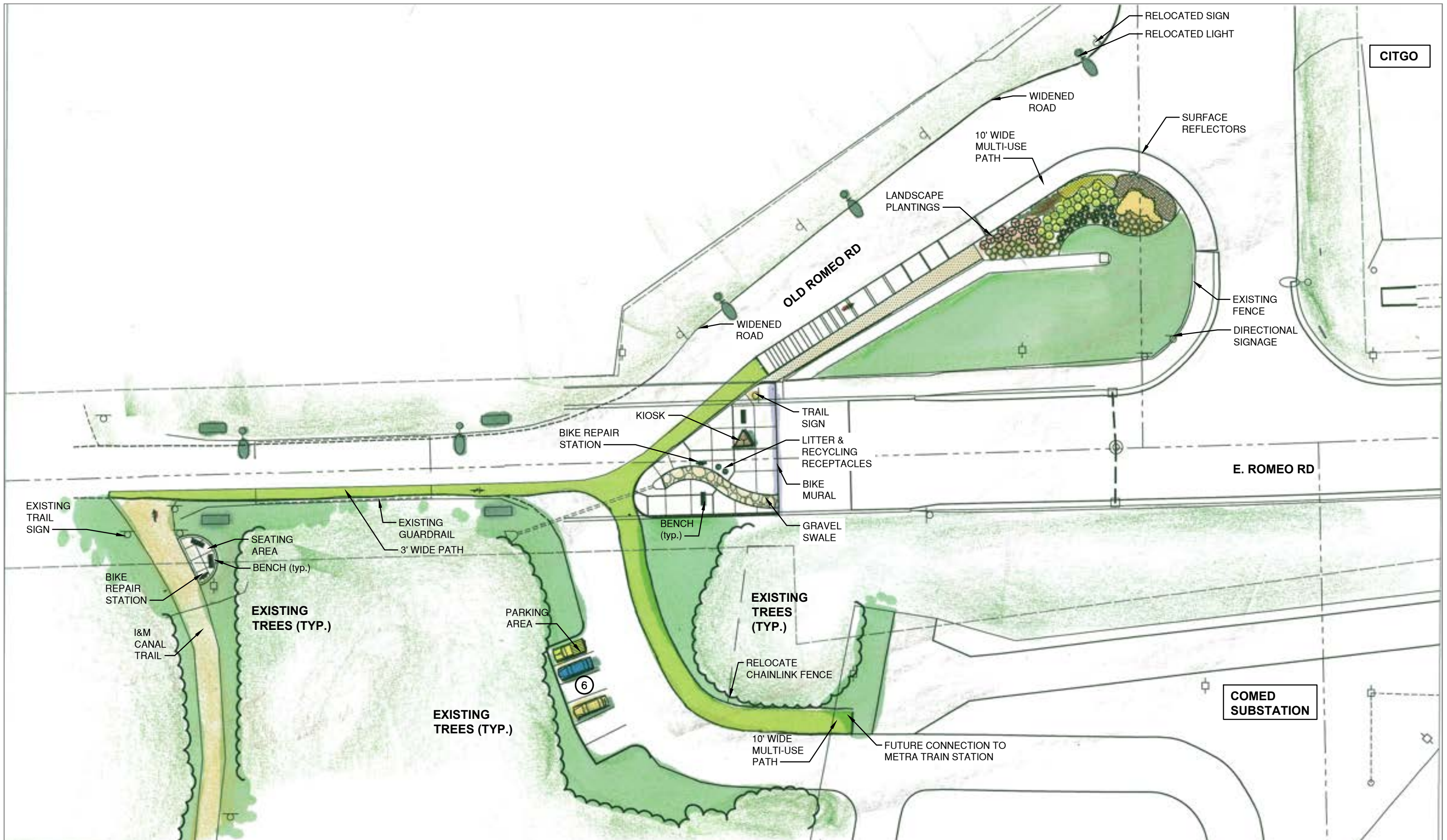
Action Item	Owner(s)	Deadline	Status
Ex. Conditions Survey	Robinson Engineering/Village of Romeoville	August 12, 2021	Open
VMT Linework	Forest Preserve District of Will County	August 4, 2021	Closed
Wayfinding Signage	Forest Preserve District of Will County	August 12, 2021	Open
Trail cross section	Forest Preserve District of Will County	August 12, 2021	Open

Meeting adjourned at 3:45 PM

If there are any errors or omissions, please contact Lori Vierow at [lori.vierow@jsdinc.com](mailto:lori.vierow@jsdinc.com)









I&M - CENTENNIAL TRAIL BIKE PATH  
ROMEDEVILLE, IL

RENDERING

11/17/2021



**JSD** Professional Services, Inc.  
Engineers • Surveyors • Planners

20-9591





I&M - CENTENNIAL TRAIL BIKE PATH  
ROMEOVILLE, IL

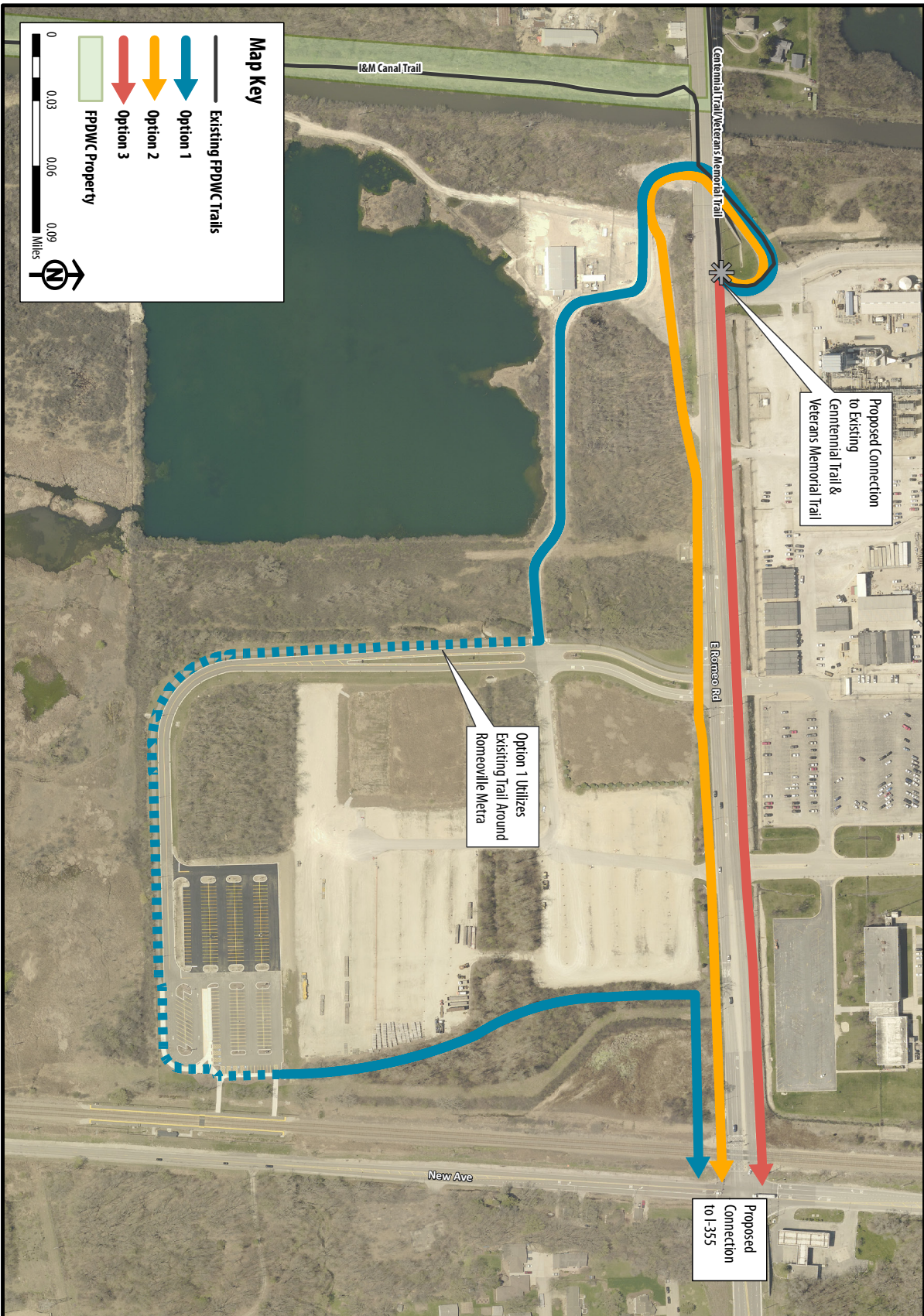
RENDERING

11/17/2021



**JSD** Professional Services, Inc.  
Engineers • Surveyors • Planners

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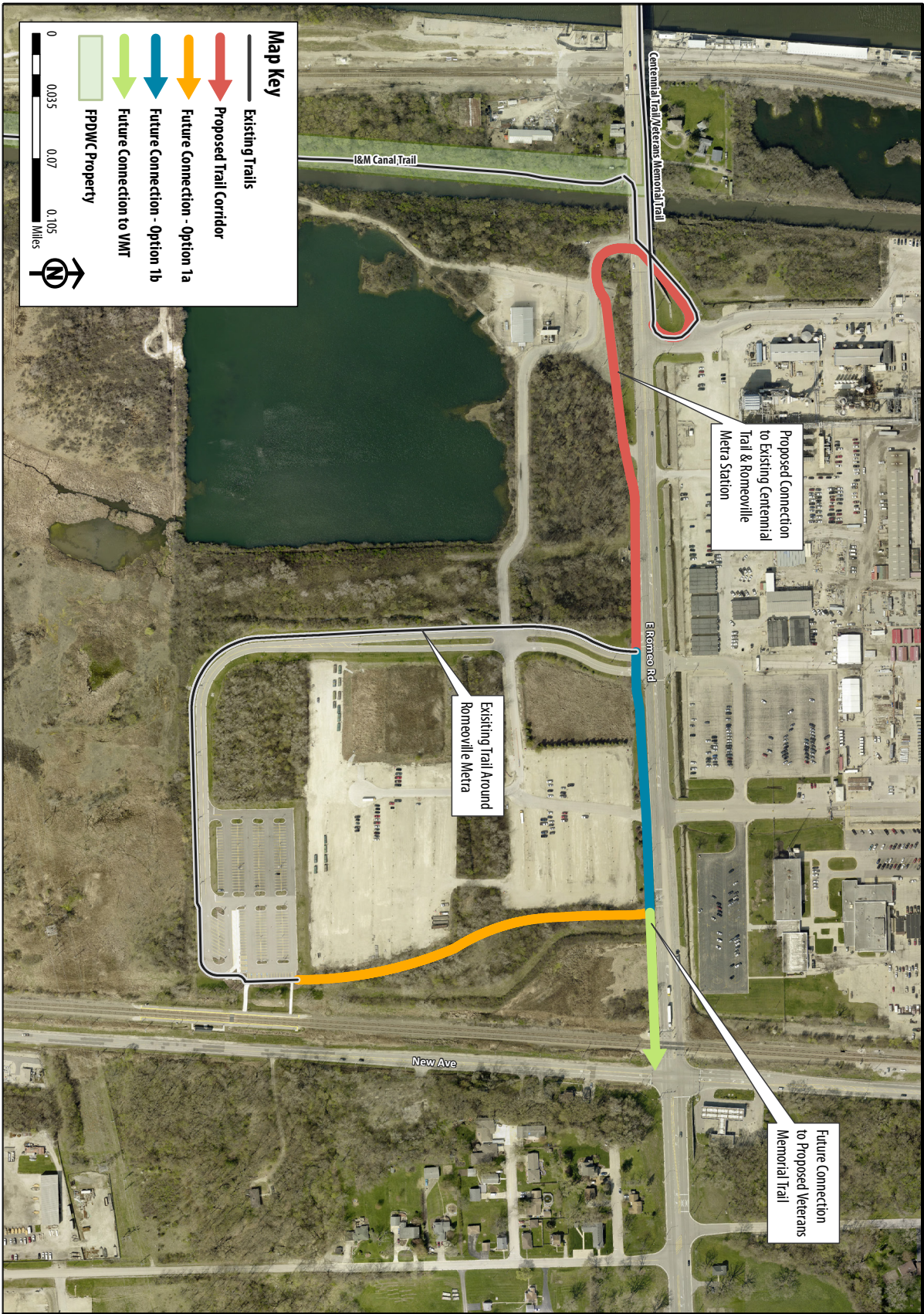


Veterans Memorial Trail

# Citgo Corridor Options

Forest Preserve District of Will County

January 2020



Centennial Trail/Veterans Memorial Trail

## New Ave to Centennial Trail Improvement Options

Forest Preserve District of Will County

August 31, 2021

# 135th St - Possible Trail Locations

