Banning/Clarence Street Study

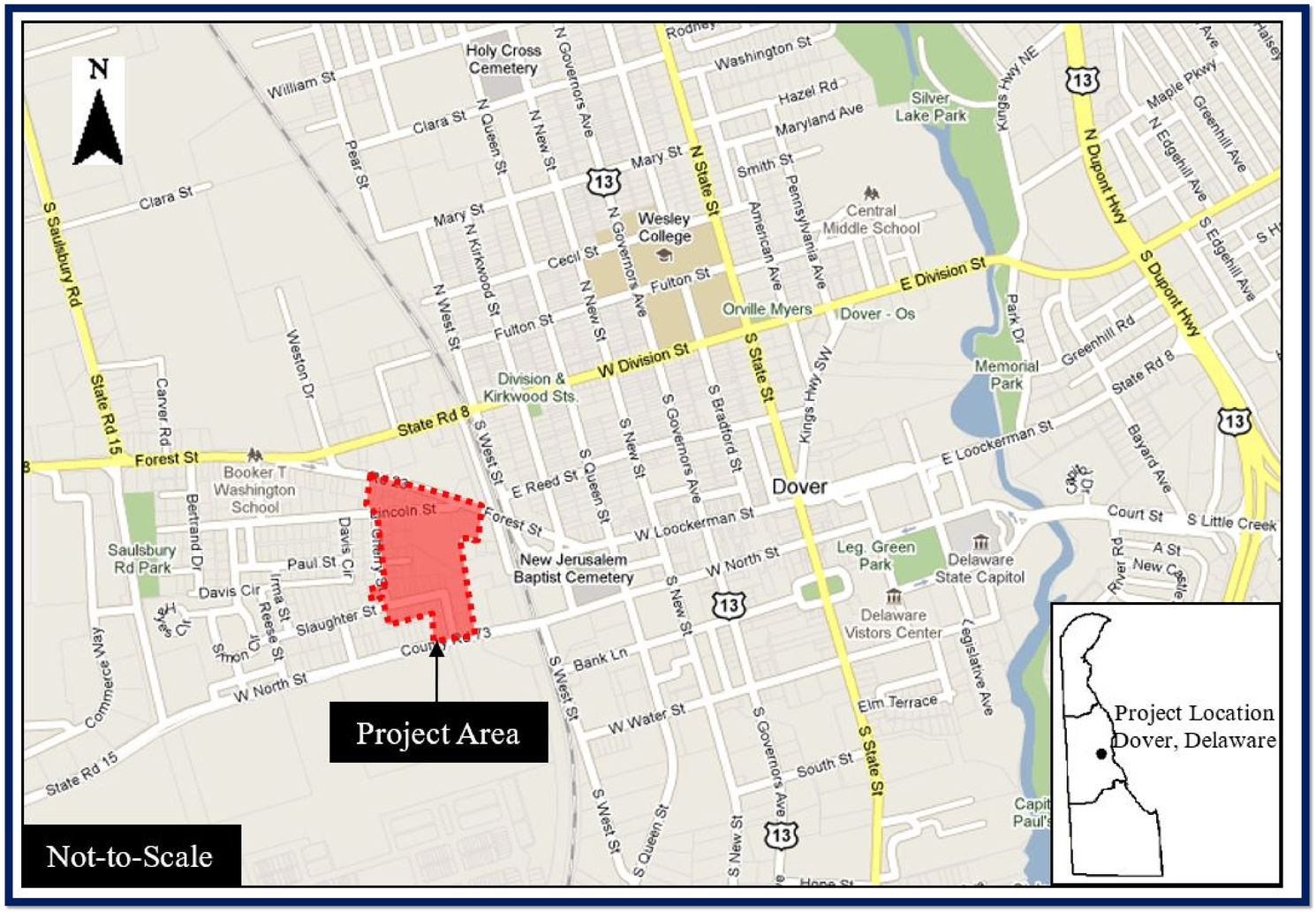
Public Advisory Committee

October 14, 2021

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

- Study Area
- Project Purpose
- Recent Flood Studies
- Revised Alternatives
- Alternatives Cost Estimates
- Recommendations
- Next Steps



Agenda

- April 28, 2021
- 12 Attendees

Project History

Project Purpose

Alternatives Previously Studied

- PARKING
- FLOODING

Updated Alternatives

Next Steps

Workshop 1 Summary

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

- July 14, 2021
- 18 Attendees

Study Area

Project Purpose

Revised Alternatives Including Parking

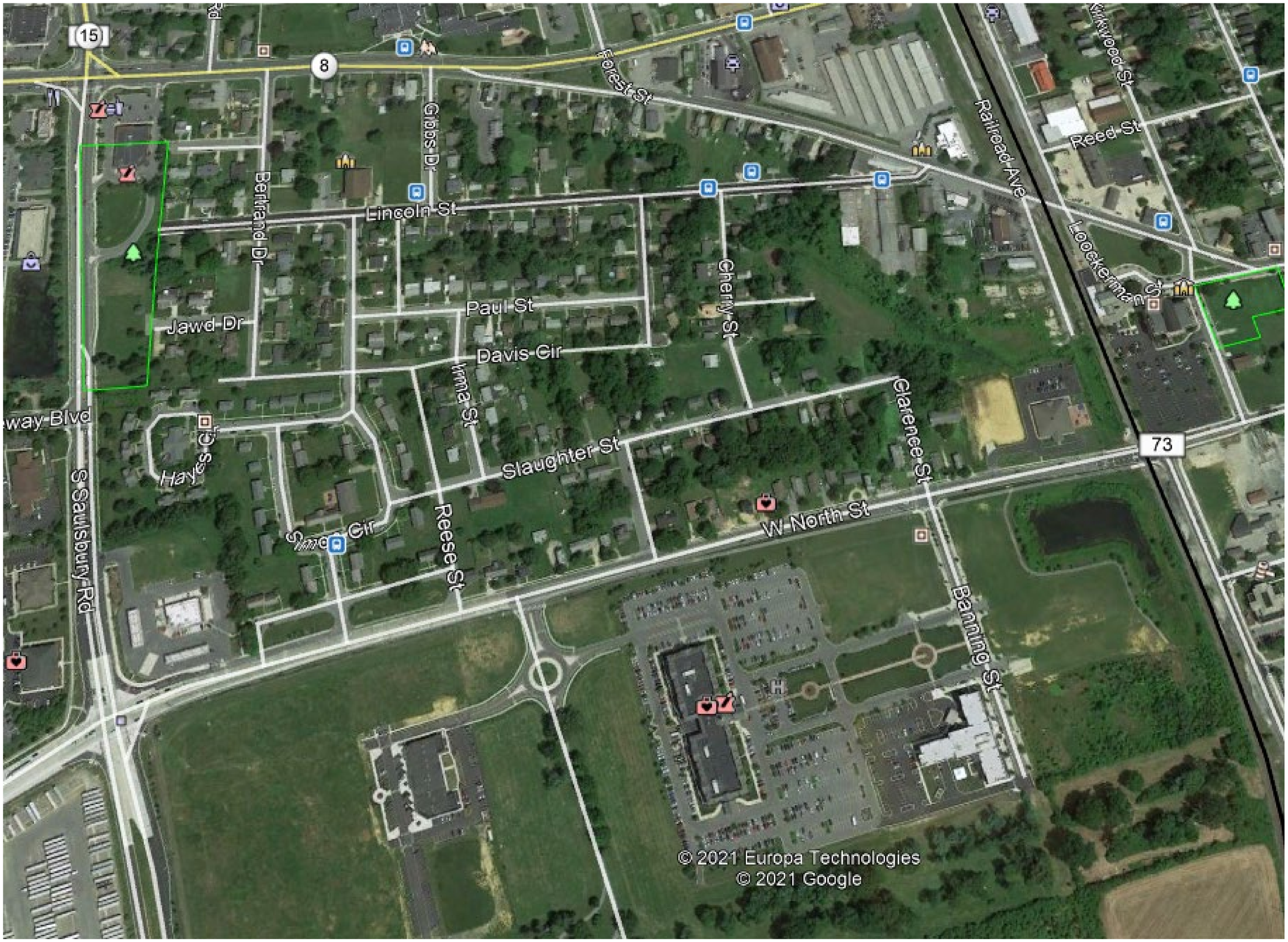
Recent Flood Studies

Next Steps

Workshop 2 Summary

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING


15
8
Forest St
Gibbs Dr
Bertrand Dr
Lincoln St
Jawd Dr
Paul St
Davis Cir
Irma St
Cherry St
Railroad Ave
Reed St
Lockerman St
Clarence St
Slaughter St
W North St
Reese St
Banning St
S Saulsbury Rd
73
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Study Area

Direct Connection Between Eden Hill Development and Forest Street

Parallels Saulsbury Road

Connect to Future Extension of S. Greenberry Lane

600 Proposed Housing Units Connected to Forest Street Without Using North Street or POW-MIA Parkway

Project Purpose

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

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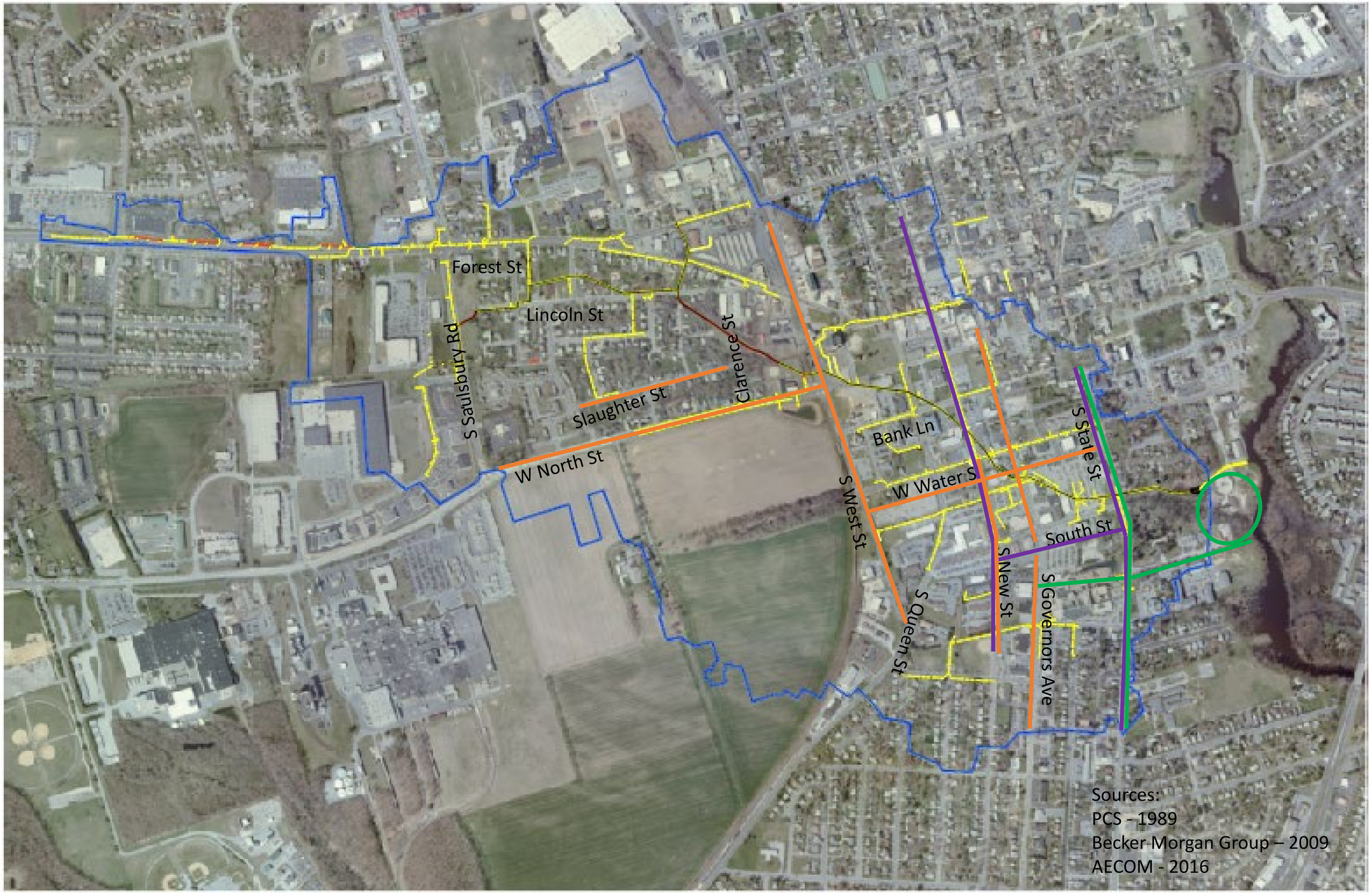
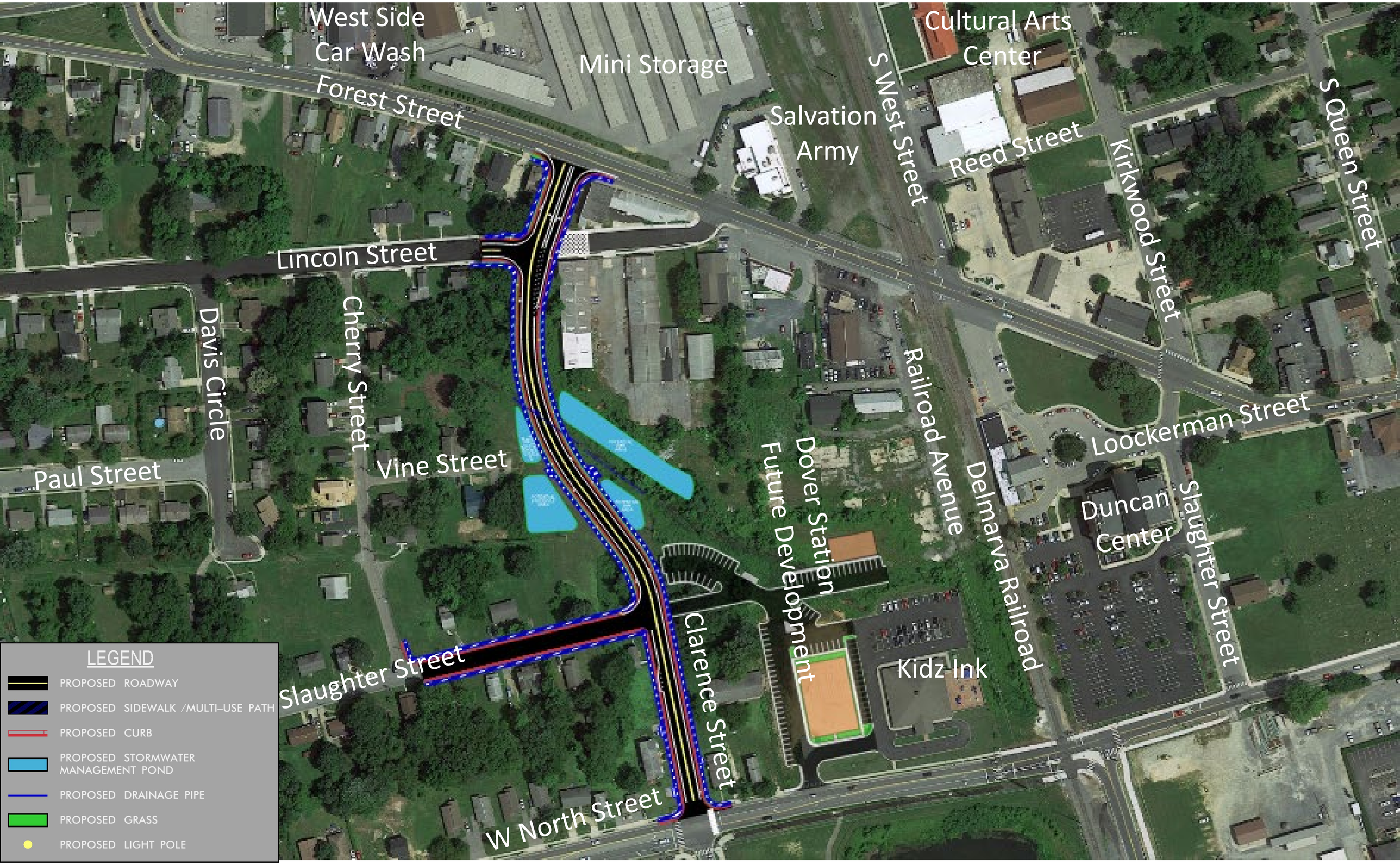
Tar Ditch Drainage Area

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING



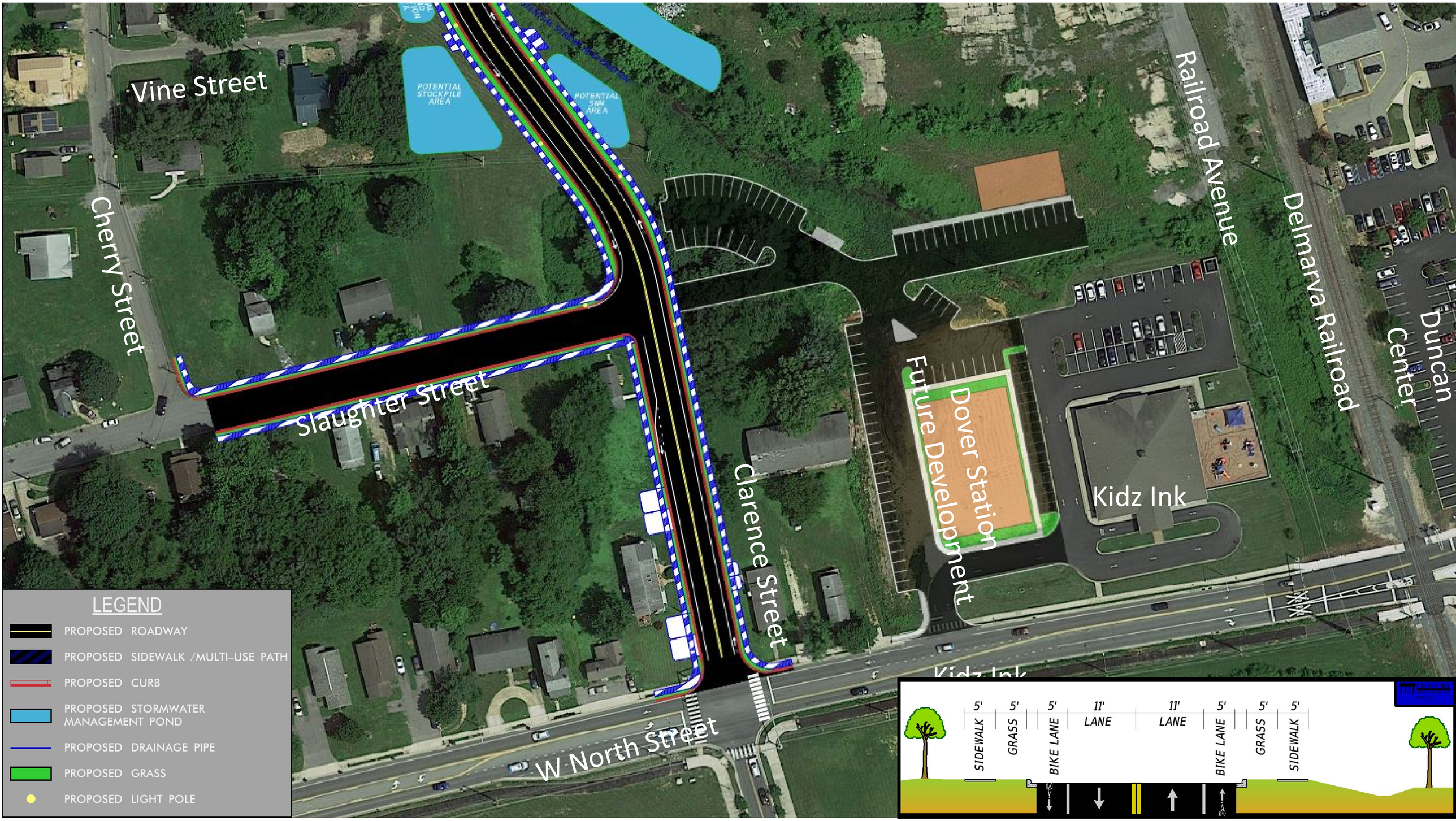
Recent Flood Studies



Alternative A

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

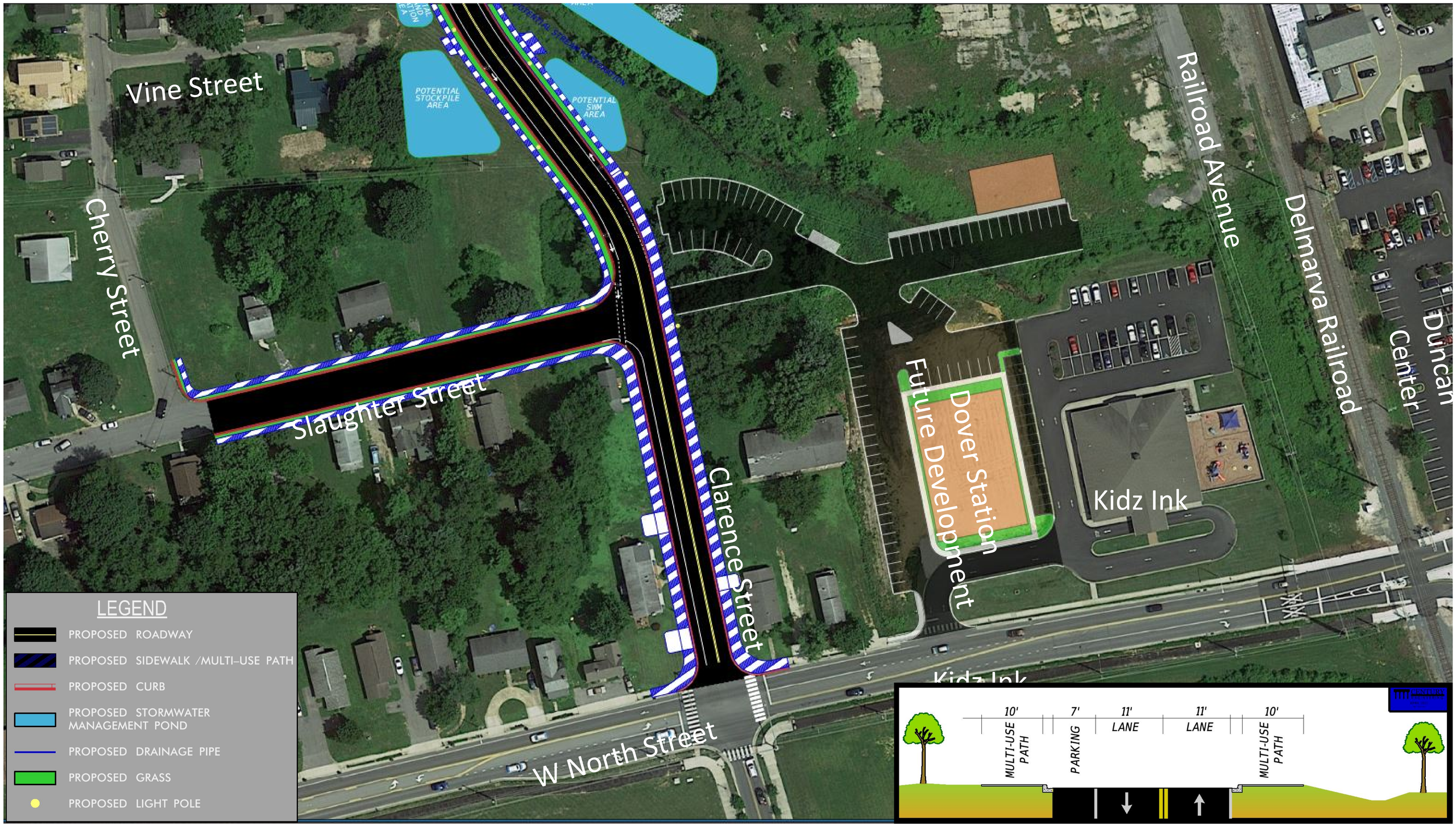
CENTURY ENGINEERING



Alt A Off-Street Parking

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

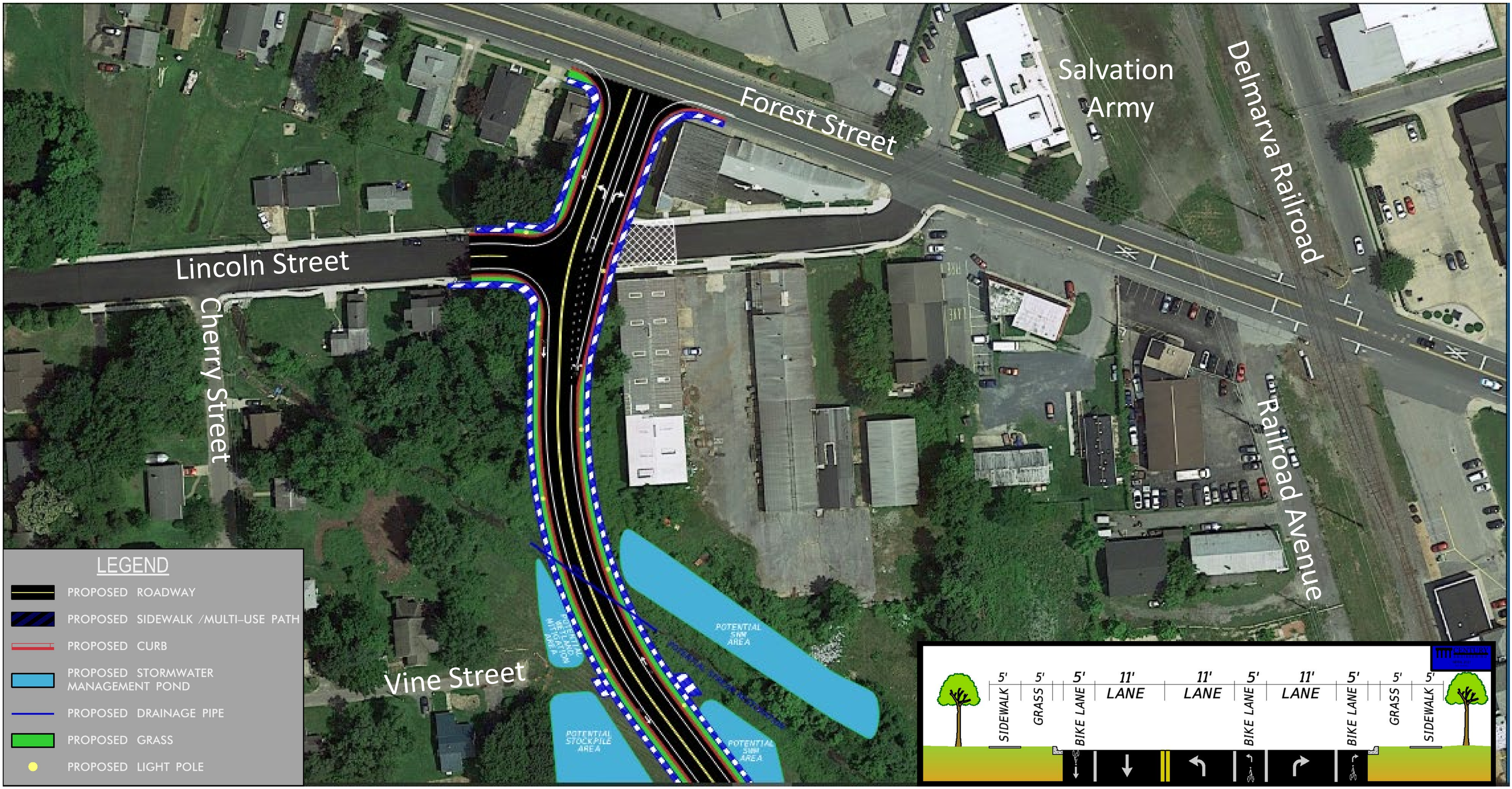
CENTURY ENGINEERING



Alt A On-Street Parking

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

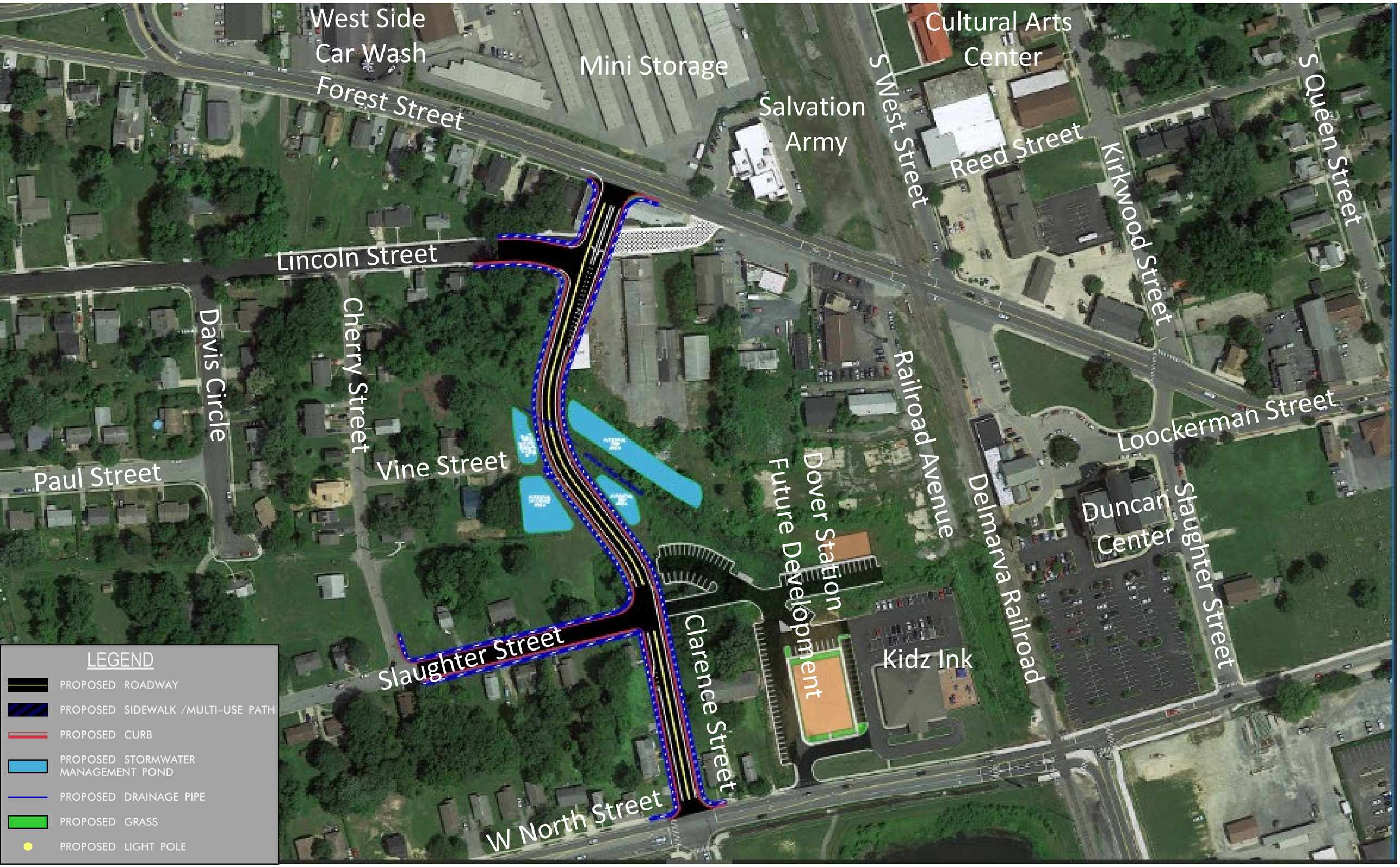
CENTURY ENGINEERING



Alternative A - North

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

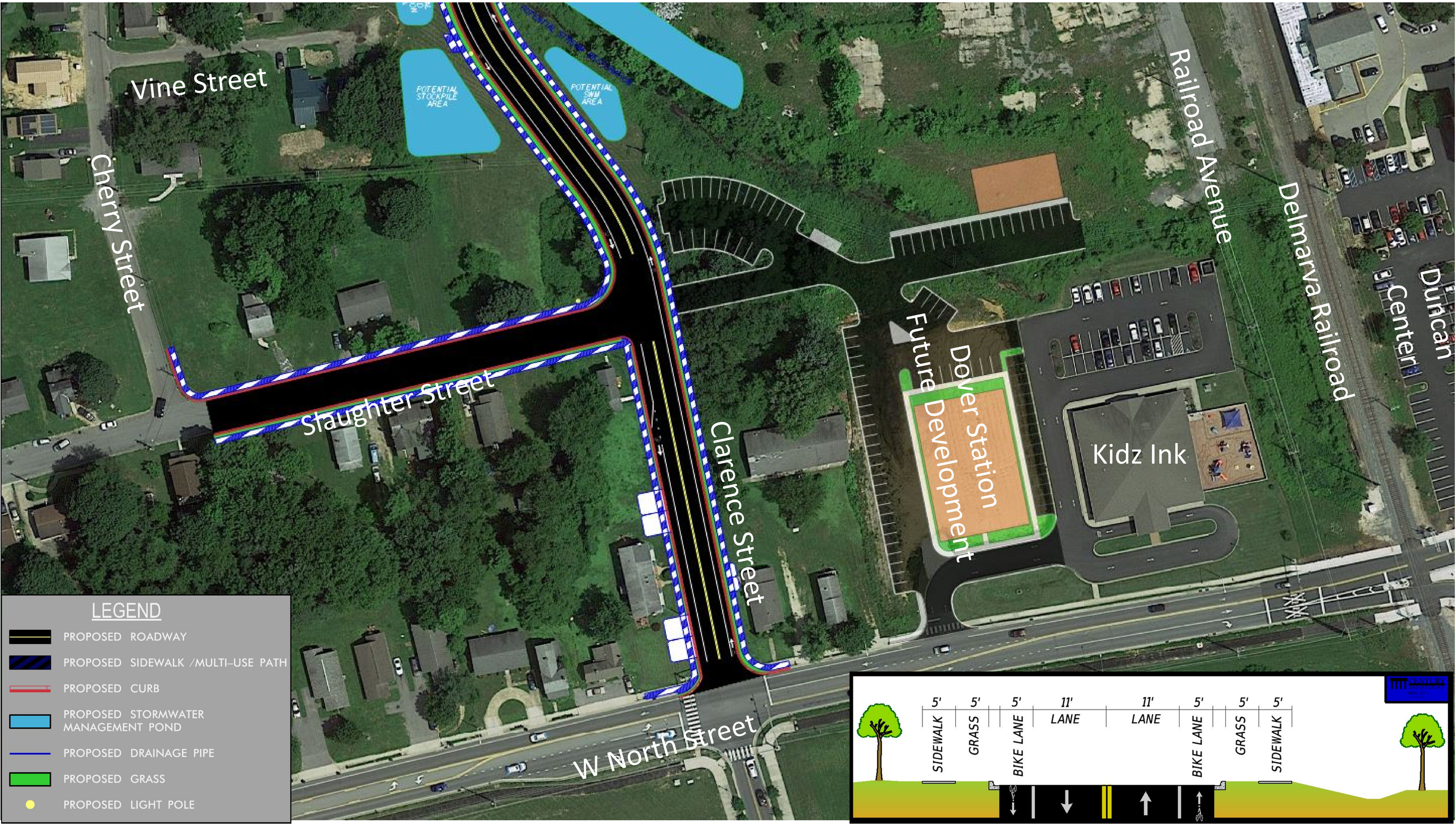
CENTURY ENGINEERING



Alternative B

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

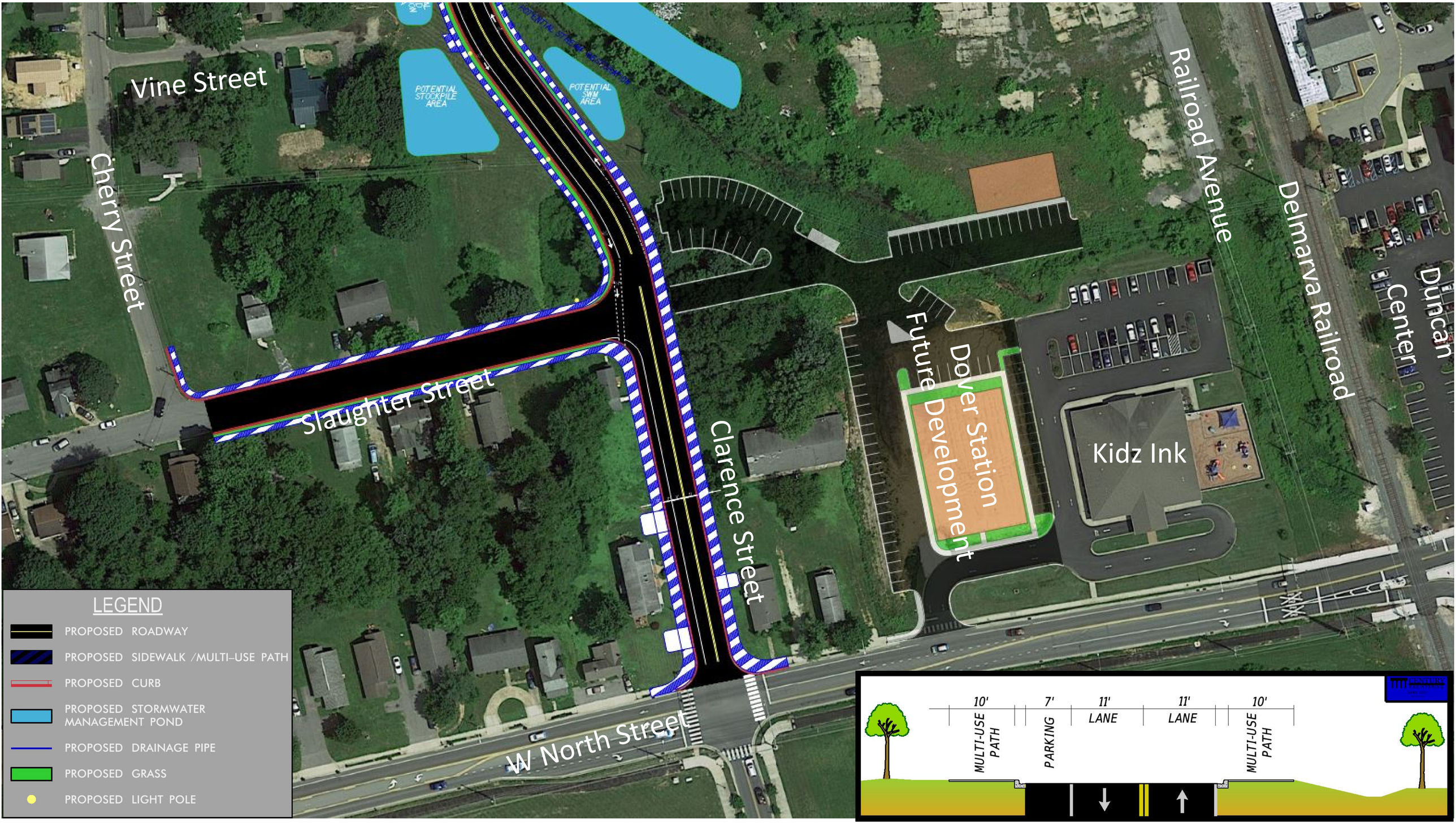
CENTURY ENGINEERING



Alt B Off-Street Parking

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING



Alt B On-Street Parking

DOVER/KENT COUNTY MPO
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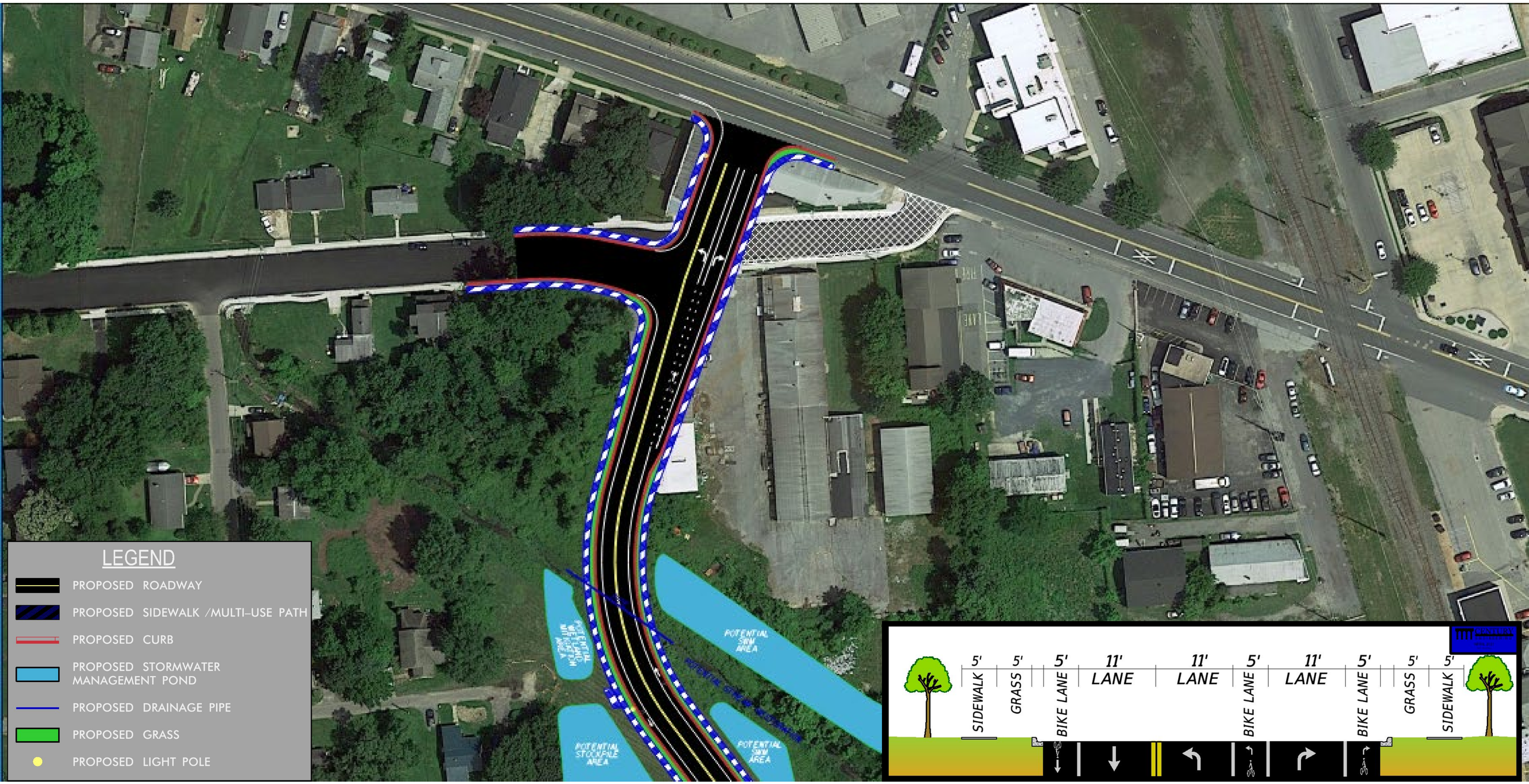
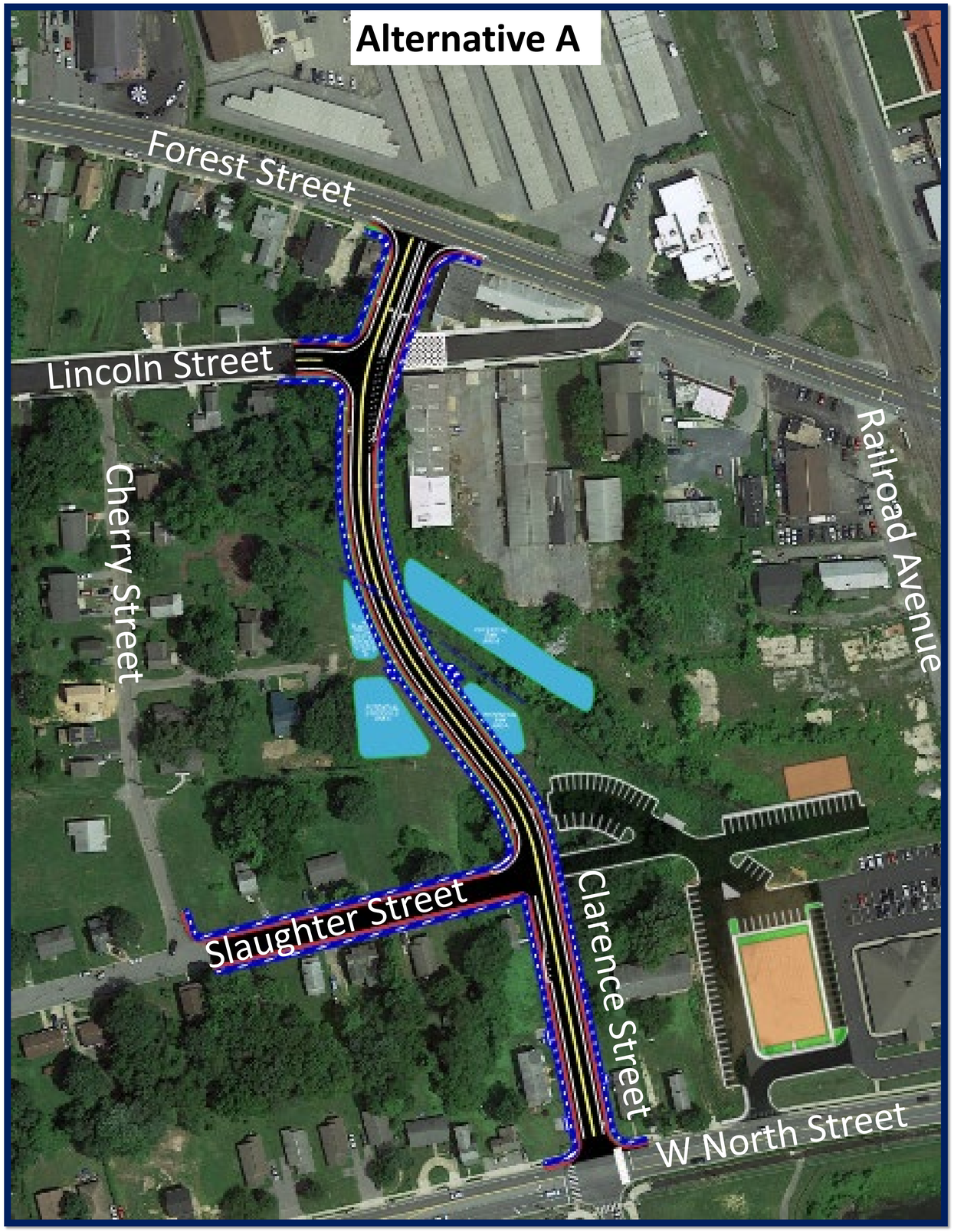
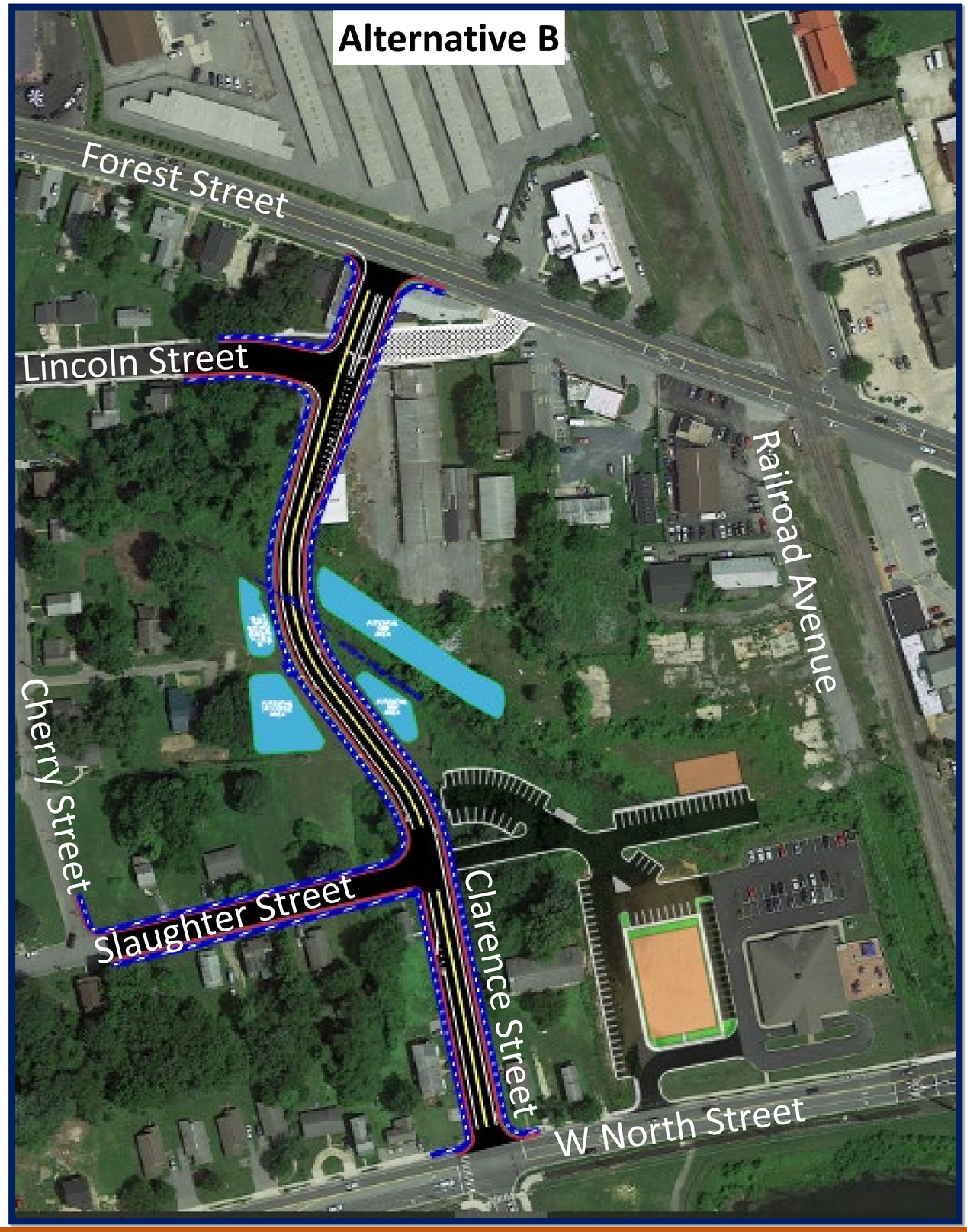


Alternative B - North

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

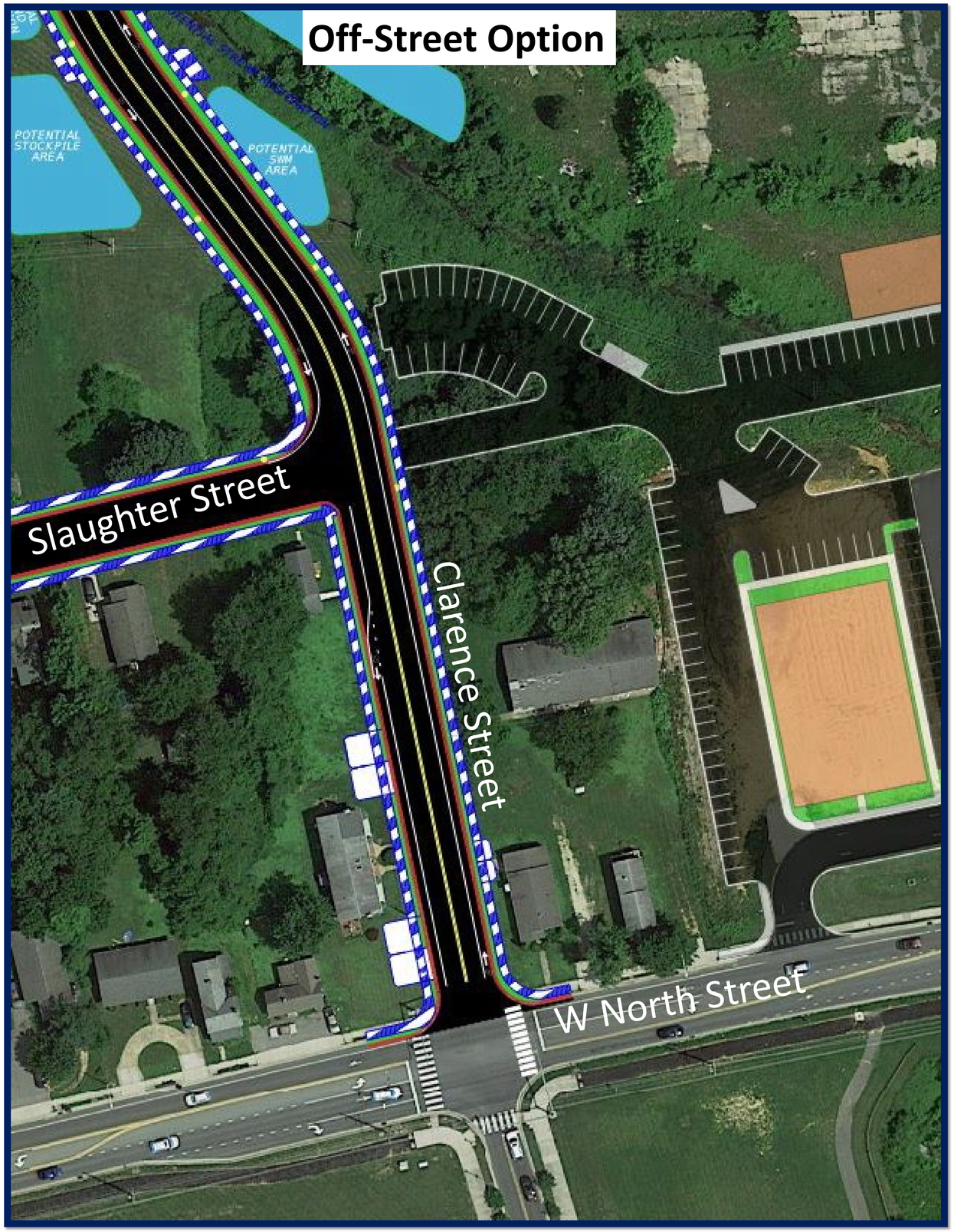


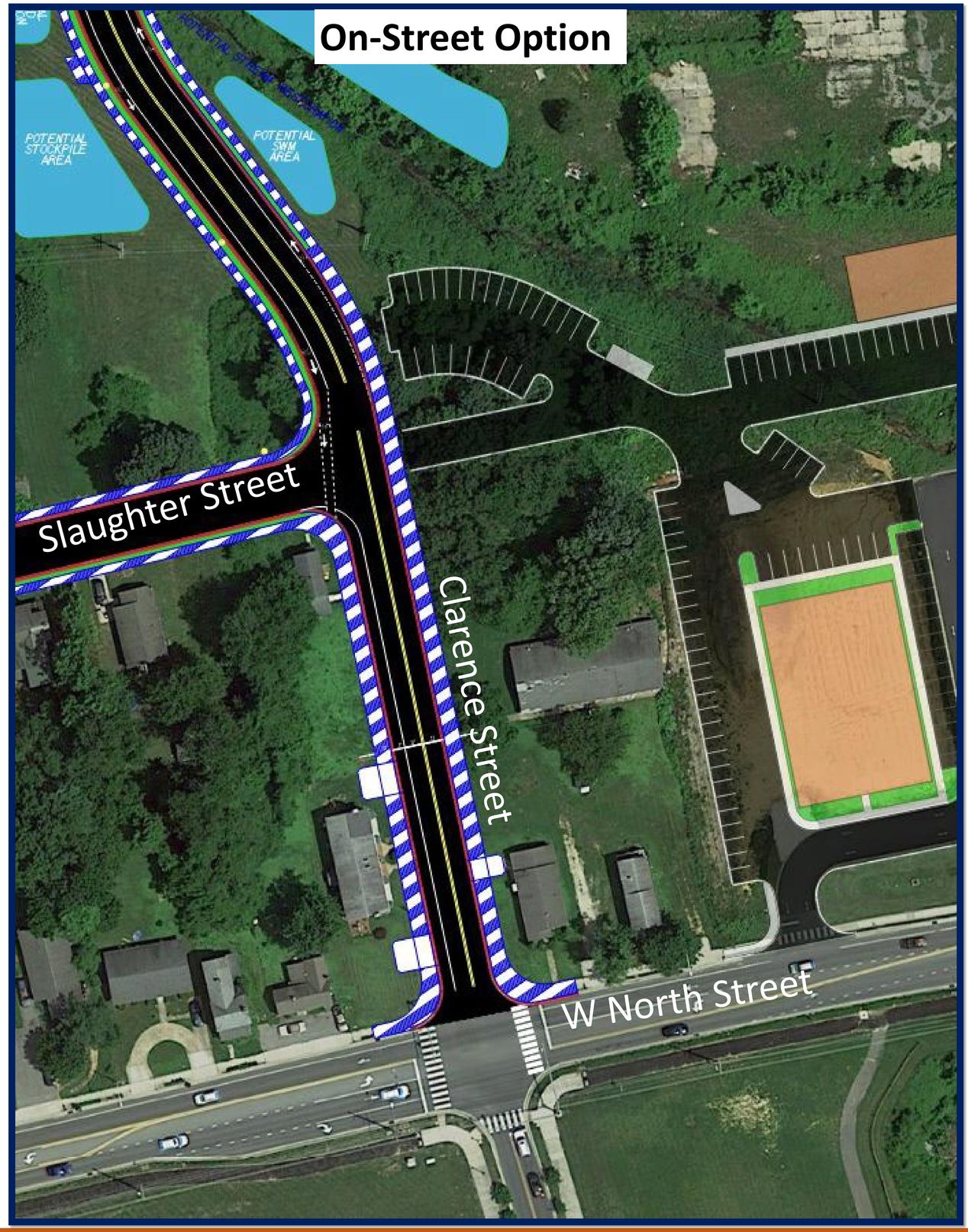


Alternatives Comparison

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

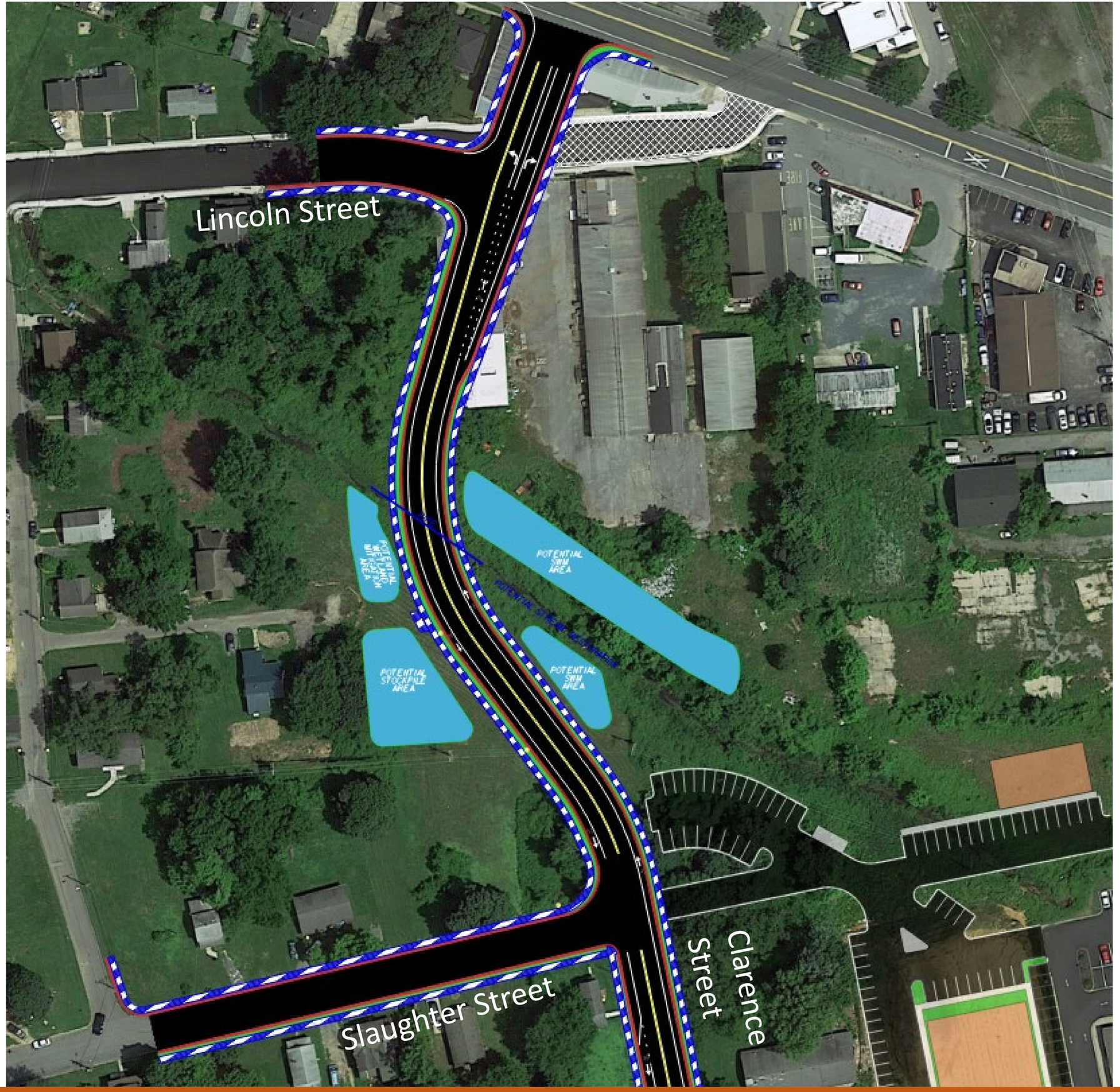




Parking Options Comparison

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING



Storm Water Ponds

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

Preliminary Engineering	$1,092,530.00
Right-of-Way	$1,000,000.00
Construction	$3,605,523.53
Total Cost	**$5,698,053.53**

Alternative A Off-Street Parking

Preliminary Engineering	$1,103,550.00
Right-of-Way	$1,000,000.00
Construction	$3,637,001.25
Total Cost	**$5,740,551.25**

Alternative A On-Street Parking

Preliminary Engineering	$1,045,330.00
Right-of-Way	$1,300,000.00
Construction	$3,470,656.81
Total Cost	**$5,815,986.81**

Alternative B Off-Street Parking

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

Preliminary Engineering	$1,056,520.00
Right-of-Way	$1,300,000.00
Construction	$3,502,631.14
Total Cost	**$5,859,151.14**

Alternative B On-Street Parking

Alternative A

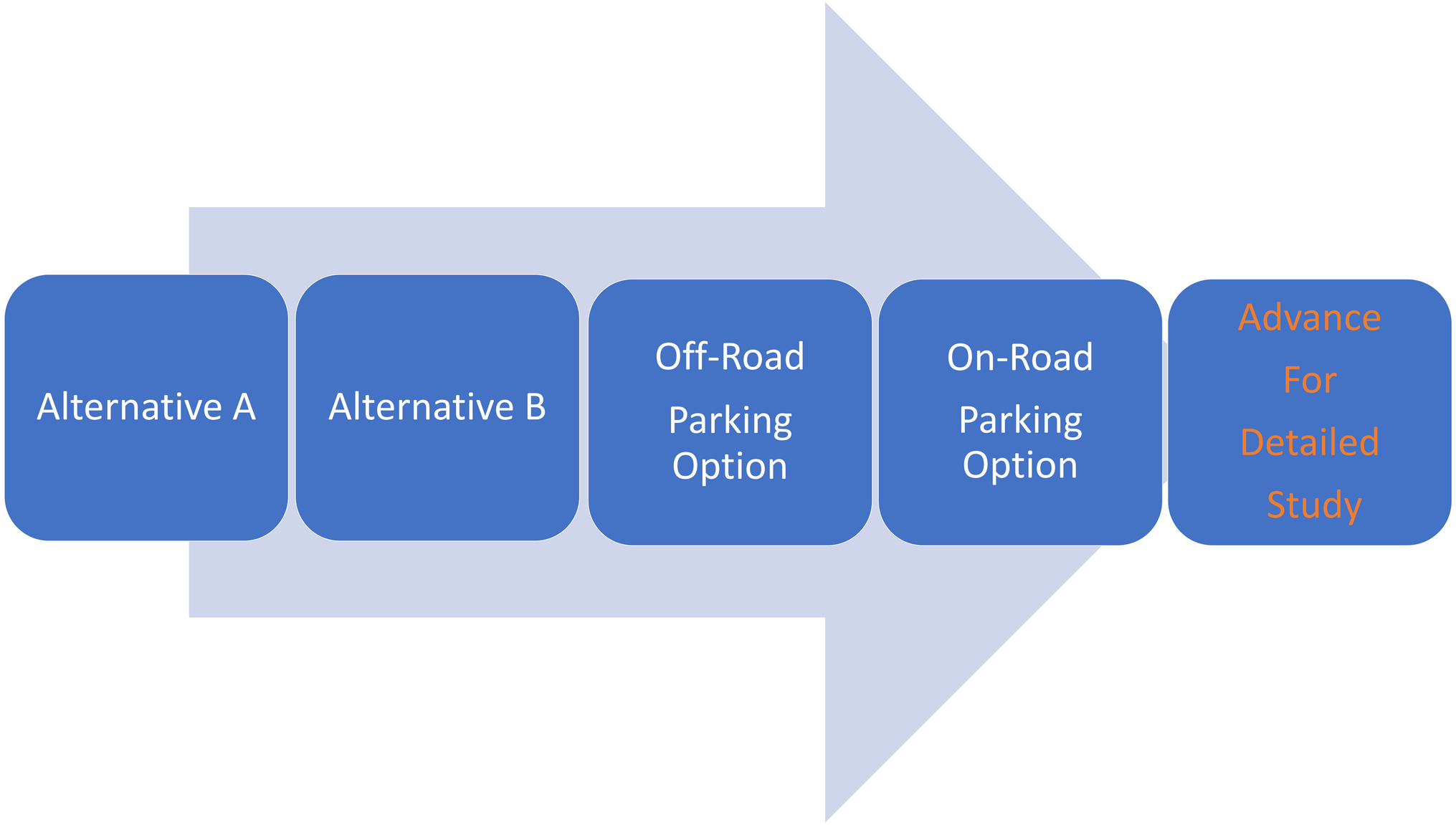
- Ties Into Forest Street 600 Feet West of Delmarva Railroad Tracks
- Requires the Full Purchase of Three Residential Properties
- Requires the Partial Purchase of Three Properties
  - Residential, Institutional/Office, Commercial

Alternative B

- Ties Into Forest Street 500 Feet West of Delmarva Railroad Tracks
- Requires the Full Purchase of Three Properties
  - Two Residential, One Commercial
- Requires the Partial Purchase of Three Properties
  - Residential, Institutional/Office, Commercial

Alternatives A & B

- North and South Termini Forest Street and W. North Street
- Identical from W. North Street to Slaughter Street
- Meet Project Need
- Off-Road and On-Road Parking Options Feasible
- Costs are Similar
- Neither Clearly Favored by Public



Recommendations

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

Recommendations to Public Advisory Committee

October 14, 2021

Recommendations to Technical Advisory Committee

October 19, 2021

Recommendations to MPO Council

November 3, 2021

Amend MTP

Once Adopted

Project Recommendation Prioritization

For Inclusion In TIP

Next Steps

DOVER/KENT COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

CENTURY ENGINEERING

Thank You!!