



LINDENWOOD / SPRING CREEK TRANSPORTATION STUDY

Public Meeting # 1 – April 30, 2019



LW/SC TRANSPORTATION STUDY

Scope of Work

- Study Background
- Study Area Boundaries
- Goals & Objectives
- Study Process & Areas of Analysis
- Public Outreach
- Next Steps

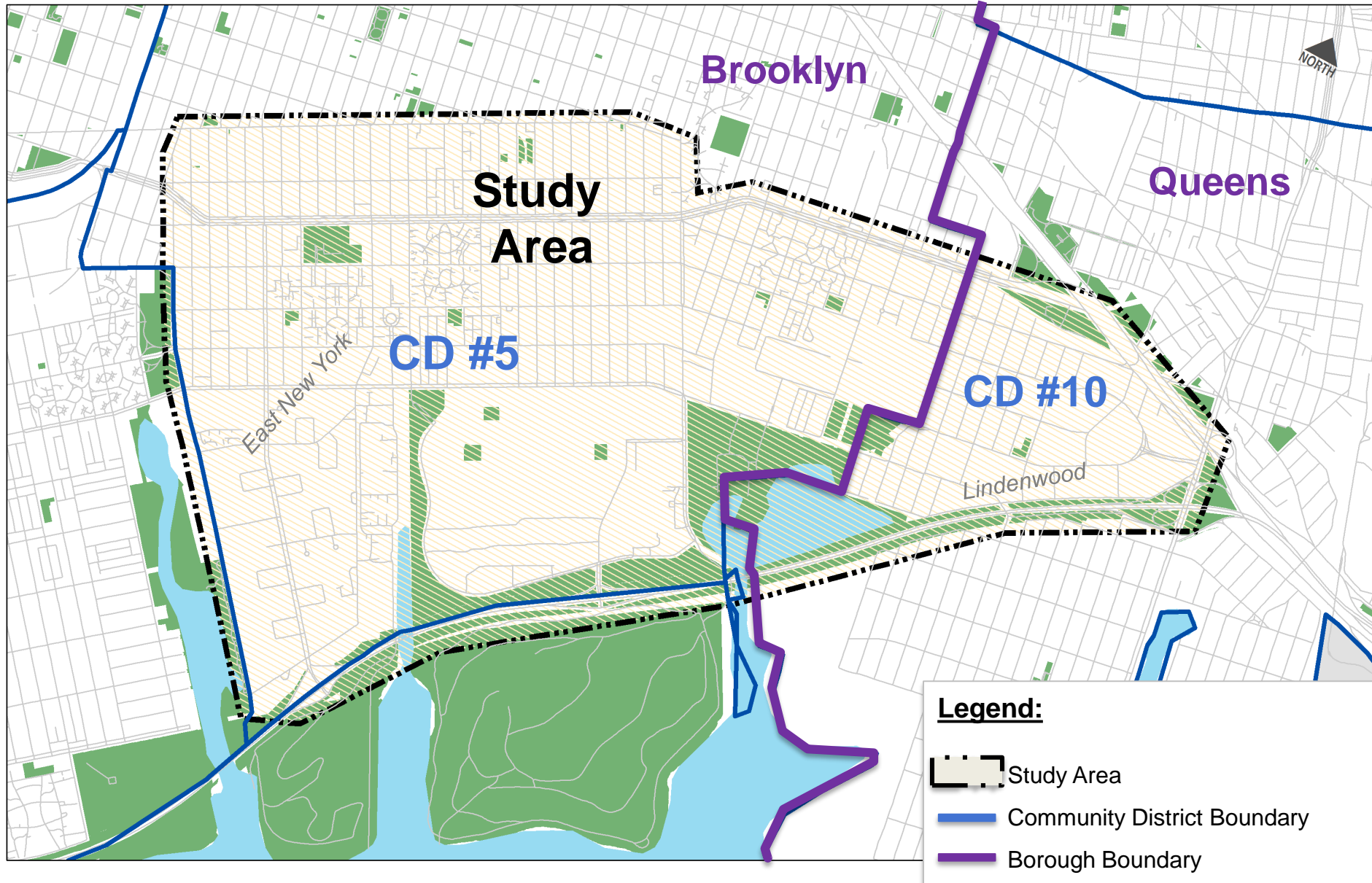
STUDY BACKGROUND & CONTEXT

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STUDY AREA REGIONAL CONTEXT



Study Area Community Districts



Study Area & Major Corridors



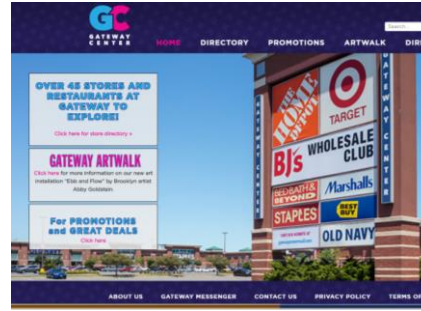
STUDY BACKGROUND



Landfill/Incinerators
1930s-1970s



Starrett City
1974



Gateway Plaza Mall
& Interchange at Erskine Exit -2002



Gateway Elton Phase II
2014

1967

Fresh Creek Urban Renewal Area



1996

FCUR2-Gateway Estates Plan



2008

Nehemiah Housing



2018

State Park



GOAL & OBJECTIVES

2

LW/SC TRANSPORTATION STUDY

Goal

- To improve travel conditions and safety for all street users (motorists, cyclists and pedestrians), as well as enhance the quality of life for residents in the area.

LW/SC TRANSPORTATION STUDY

Objectives

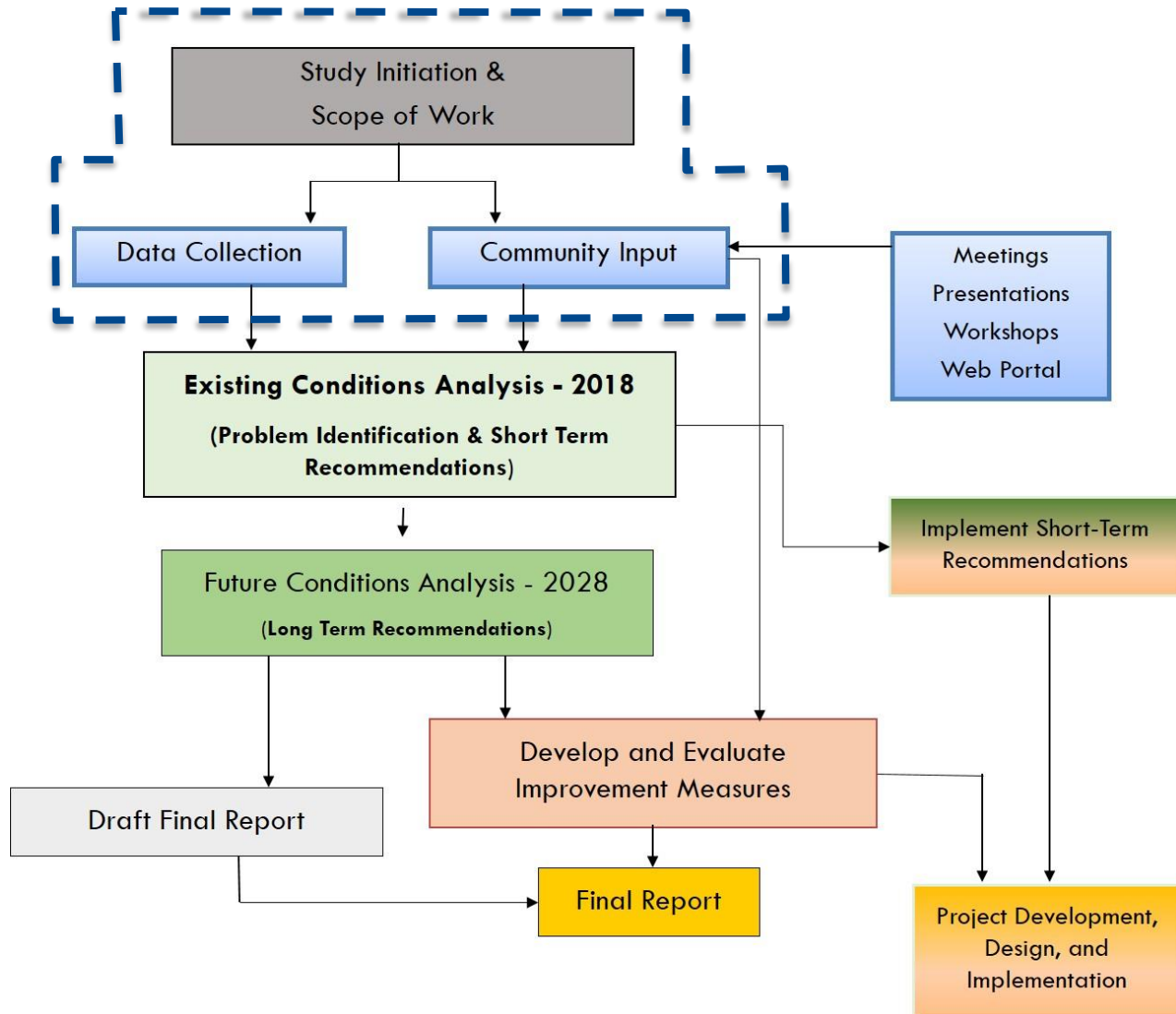
- To evaluate existing and future traffic conditions,
- To facilitate extensive public participation through TAC and public meetings / workshops-web portal,
- Generate recommendations & develop improvement measures to address community concerns, reduce congestion, and enhance safety.

STUDY PROCESS

3

STUDY PROCESS

WE ARE
HERE



AREAS OF ANALYSIS

4

AREAS OF ANALYSIS

Existing (2018) and Future (2028)

- Demographics
- Goods Movement
- Zoning & Land Use
- Crashes/Safety
- Traffic
- Parking
- Pedestrians & Bicycles
- Public Transit
- Others

DEMOGRAPHIC ANALYSIS



Population Change



Vehicle Ownership



Household Size



Journey to Work



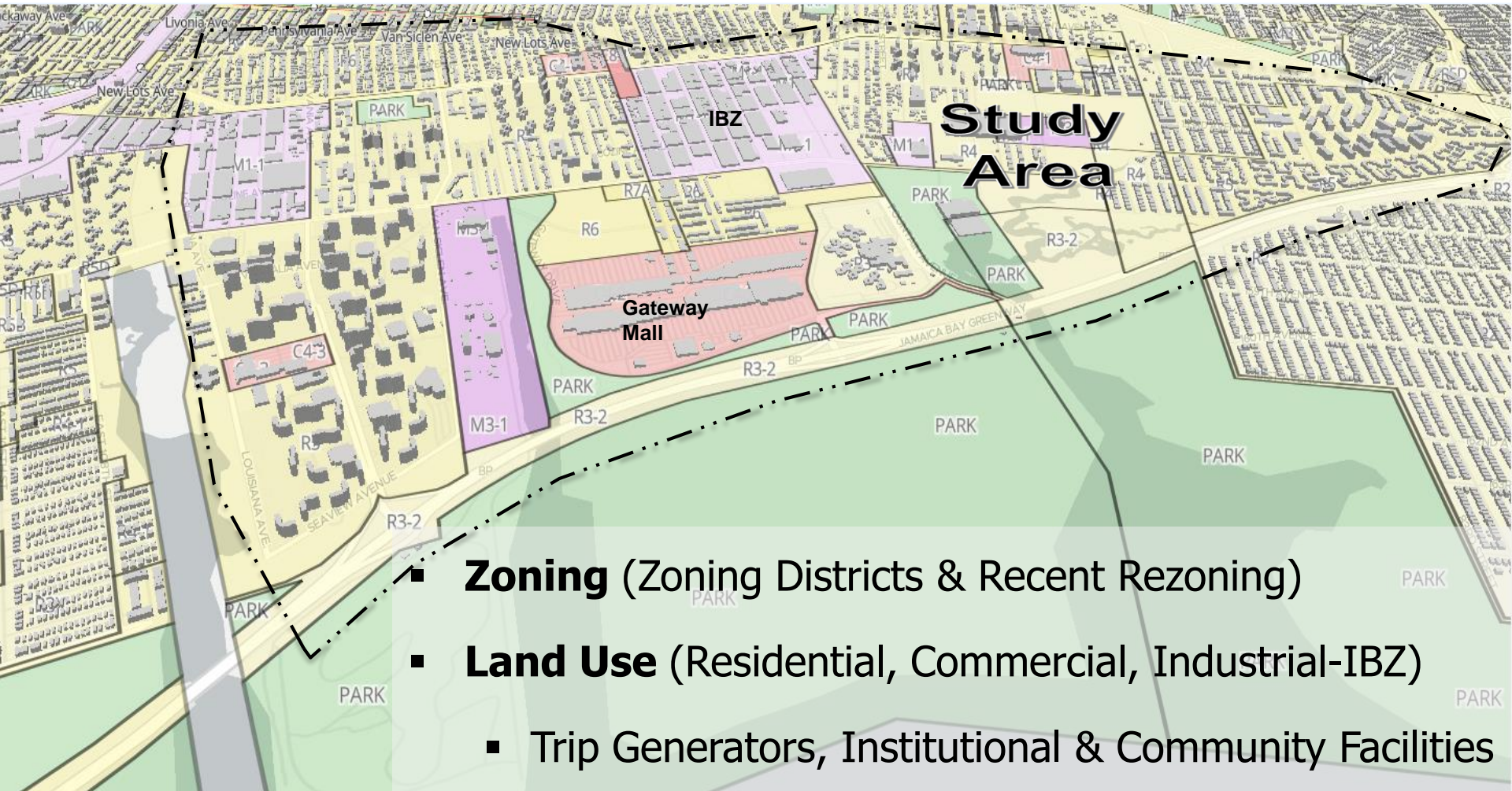
Household Income



Employment

Sources: Census/CTPP

ZONING & LAND USE

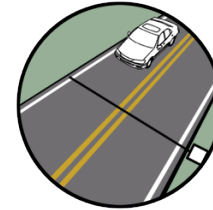


- **Zoning** (Zoning Districts & Recent Rezoning)
- **Land Use** (Residential, Commercial, Industrial-IBZ)
 - Trip Generators, Institutional & Community Facilities

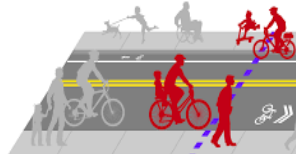
TRAFFIC

Data Collection Plan

- ATRs & Manual Turning Movement Counts



- Pedestrian/Bike Counts



- Travel Speed



- Signal Timing



- Street Inventory (Geometry)



- Other Sources:

- *INRIX, STREETLIGHT, DOT TIMS, NYSDOT (AADT), MTA Bus Travel Time*

TRAFFIC ANALYSIS

- **Traffic Capacity Analysis- AM & PM Peak Hours**

- **Level of Service (LOS)**



- **Intersection Delays**

Delays (sec/veh) <10 to >80

- **Trips (O/D) / Distribution**

- **Corridors Travel Time/Speed**

PEDESTRIANS & BICYCLES



Pedestrian

- Crosswalk Analysis (LOS- Ped/sqf)
- Safety Issues at intersections & Along Corridors



Bicycles

- Bike Network
- Facilities & Needs
 - Gateway Network Link (Jamaica Bay Greenway Plan)

GOODS MOVEMENT

- **Truck Needs/Activity:**

- Truck Routes (Through & Local)
- Loading & Unloading
- Curb Utilization
- Industrial Business Zone (IBZ)
 - Flatlands/Fairfield IBZ



CRASH/SAFETY ANALYSIS

- Crash History (3 most recent years)
- Vision Zero Priority Locations & Corridors
- Types of Crashes, Frequency, and Severity
- Fatalities/High Crash Locations

PARKING ANALYSIS

On Street Parking (along major corridors & IBZ)

- Parking Regulations
- Parking Supply & Demand
- Price Structure



Parking Regulations

Off Street Parking

- Lots/Garages
- Capacity, Utilization, & Price Structure



Supply/Demand

PUBLIC TRANSIT

Bus/Subway & Others

- Bus Ridership & Frequency
- Bus Stops, Transfer Points
- Bus Travel Time
- Subway Ridership & Stations



PUBLIC OUTREACH & COMMUNITY INPUT

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PUBLIC OUTREACH & COMMUNITY INPUT

3 MAJOR COMPONENTS:

1) TAC Meetings:

NYMTC / DCP / NYSDOT / EDC / NYCT / FDNY / DSNY / HPD &
Others

2) Citizen Advisory Group (CAG)

Elected Officials / Community Boards (5 & 10) / Community/Civic
Groups & Others

3) Public Meetings

PUBLIC OUTREACH & COMMUNITY INPUT

WEB PORTAL: <https://nycdotprojects.info/lindenwood-springcreek>

EMAIL: Lindenwood@dot.nyc.gov



Dashboard

Lindenwood/Spring Creek Transportation Study

The Lindenwood/Spring Creek Transportation Study is being undertaken in response to traffic and congestion due to the continued growth in the area.



Project Home



Area



Presentations

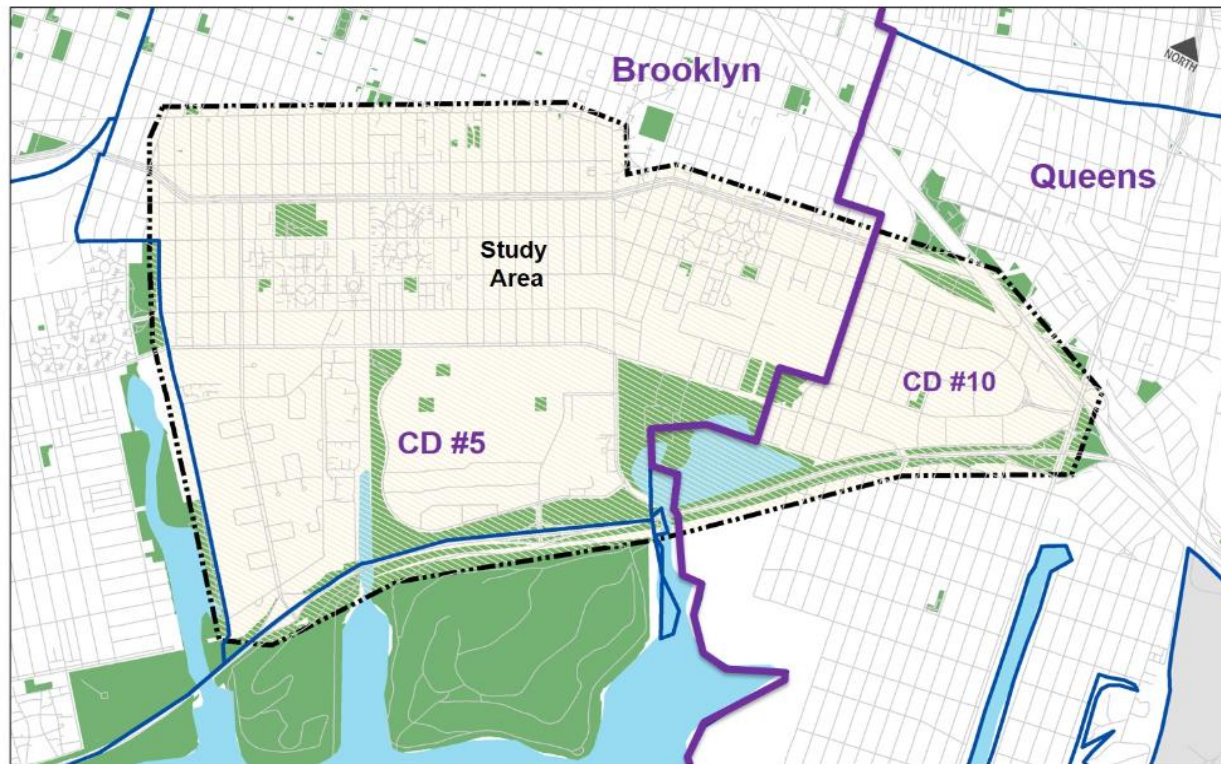


Study Description



Events

Study Area & Community Districts



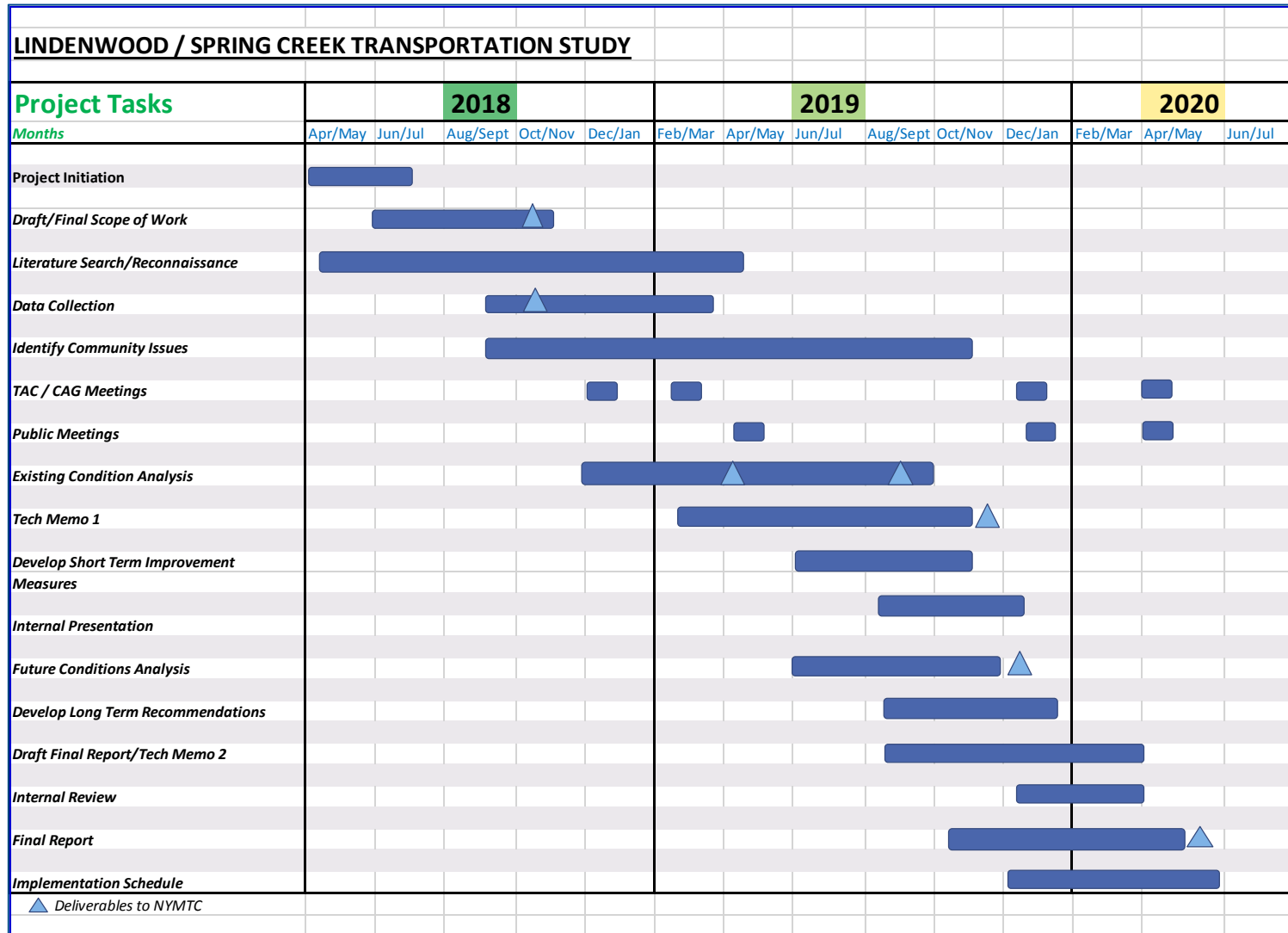
NEXT STEPS

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NEXT STEPS

- Existing Conditions Analysis
- Develop Short Term Recommendations
- Conduct TAC/CAG & **Public Meeting #2** (Dec 2019)
- Future Condition Analysis/Develop Long-Term Recommendations
- Conduct TAC/CAG & **Public Meeting #3** (March-April 2020)
- Draft & Final Report (March/May 2020)
- Develop Improvement Measures & Implementation Plan-SIPs

STUDY SCHEDULE



THANK YOU!

Questions?

Contact: lindenwood@dot.nyc.gov

Web Portal <https://nycdotprojects.info/lindenwood-springcreek>



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