



TOWNSHIP OF WEST ORANGE

25 Lakeside Avenue, West Orange, New Jersey 07052

DEPARTMENT OF PUBLIC WORKS

Engineering Division

SUSAN McCARTNEY
MAYOR

ZAYIBETH CARBALLO
Assistant Municipal Engineer

Tel: (973) 325-4160

Fax: (973) 669-9588

Email: Engineering@westorange.org

December 14, 2023

Trevor Taylor
CME
379 US Route 1 South, Suite 100
Monmouth Junction, NJ, 08852

RE: **REQUEST FOR PROPOSALS (RFP)**
MAIN STREET CORRIDOR CROSSWALKS
AND SIDEWALKS IMPROVEMENTS

Dear Mr. Taylor,

The Engineering Division of the Department of Public Works for the Township of West Orange requests proposals from firms providing both Civil and Engineering and Land Surveying Services, which are capable of preparing the necessary improvement plans, specifications and bid documents for the following Main Street Crosswalks and Sidewalks Improvements projects:

I. Phase 1-Main Street at Valley Road/Northfield Avenue

5 Crosswalks: 1 across Valley Road, 1 across Northfield Avenue, 3 ways across Main Street.

No Pavers on St. Mark's side (north and east)

Paver Sidewalks run on Northfield Avenue from I-280 ramp/Wheeler Street to Main/Valley. The sidewalks extend south on Valley Road to #325 (west side) and the entrance of the Municipal Lot (east side). On Main Street, pavers run on the south/west side from the Orange Township line to Lindsley Avenue.

The project consists of:

1. Topographic Survey and Base Mapping

- A. Establishment of centerline of existing street.
- B. Topographic survey of all trees, shrubs, walls, driveways, walks, steps, curb ramps and other existing features within the ROW and farther where necessary to the proposed improvements.
- C. Right of way will be shown from available Township Tax Map information.
- D. Establish horizontal control based on North American Datum 1983 (New Jersey State Plane Coordinate System-NAD 83) and North American Vertical Datum 1988 (NAVD 88);
- E. Benchmark(s) to be set on site for future use;
- F. Existing conditions/Survey Control plan;

2. Civil Engineering Services:

- A. Develop three (3) color renderings;
- B. Design considerations for the removal of existing brick paver crosswalks and sidewalks
- C. Construction of stamped asphalt crosswalks and stamp concrete sidewalk
- D. Construction of ADA compliant curb ramps
- E. Pavement striping
- F. New traffic signs as necessary
- G. Resolve existing drainage issues at 3-4 corners of the Main St/Northfield Ave
- H. Reset drainage structures, manhole castings, frames and covers as necessary.
- I. Coordinate with the Township Traffic Bureau and Essex County for a comprehensive Traffic Control Plan
- J. Prepare construction details;
- K. Plan Set to include but not limited to Cover Sheet, Existing Conditions/Survey Control Plan, Demolition Plan, Construction Plan, Curb Ramp Details, Soil Erosion and Sediment Control Plan and Details, Traffic Control Plans and Construction Details;
- L. Include four (4) meetings with the Township Officials for Kickoff/Field, Preliminary Design, Public Presentation and Final Design;
- M. Bid Package that includes bid set of plans and construction specifications in accordance with public bidding laws;
- N. Bidding documents (plans and specifications) are to be part of the deliverables to the Township via AutoCAD, hard copy and PDF files.

II. Phase 2-Main Street at Lindsley Ave, Mt. Pleasant Ave/White St, Park Ave, Charles St, Lakeside Ave, Tory Corner Business District, Washington St/Franklin Ave/Llewellyn Ave and Harrison Business District

Main Street at Lindsley Avenue

1 Crosswalk across Lindsley Avenue

Pavers in front of Township Hall (west side) between concrete sidewalk and curb only. Approximately 2 feet wide.

No pavers on east side.

Main Street at Mount Pleasant Avenue/White Street

6 Crosswalks: 4 in Box, 1 additional at N.W corner traffic island, 1 across White Street.

Main Street at Charles Street

2 Crosswalks. No Pavers except for new installation on the east side at the Lofts development.

Main Street at Lakeside Avenue

2 Crosswalks.

There are grey brick cobblestone pavers between sidewalk and curb on both sides from Lakeside Avenue to Alden Street/Edisonia Terrace. These are different from all other locations and were probably installed by the Edison NPS. Ask Jimmy?

Tory Corner Business District

There are keystone pavers between sidewalk and curb extending from Babcock Place (east side) and 250 Main Street (west side) to Ashwood Terrace (east) and Park Drive N. (west)

Main Street at Washington Street/Franklin Avenue/Llewellyn Avenue

5 Paver Crosswalks, 2 at Washington Street, 2 at Llewellyn Avenue, and one at Franklin Avenue.

There are also keystone pavers, between sidewalk and curb, extending down Washington Street to the Orange Township line.

Main Street at Harrison Business District

Full Brick Paver sidewalks extend from Ashwood Terrace (east) and Park Drive N. (west) to Valley Way (east) and 450 Main Street (west). They also extend up Harrison Avenue to Cherry Street and on Mississippi Avenue to the Bus Loop/Church Driveway.

5 Crosswalks, 3 at Main Street, 2 at Harrison Avenue at Mississippi Avenue.

1. Topographic Survey and Base Mapping

- A. Establishment of centerline of existing street.
- B. Topographic survey of all trees, shrubs, walls, driveways, walks, steps, curb ramps and other existing features within the ROW and farther where necessary to the proposed improvements.
- C. Right of way will be shown from available Township Tax Map information.
- D. Establish horizontal control based on North American Datum 1983 (New Jersey State Plane Coordinate System-NAD 83) and North American Vertical Datum 1988 (NAVD 88);
- E. Benchmark(s) to be set on site for future use;
- F. Existing conditions/Survey Control plan;

2. Civil Engineering Services:

- A. Develop three (3) color renderings;
- B. Design considerations for the removal of existing brick paver crosswalks and sidewalks
- C. Construction of stamped asphalt crosswalks and stamp concrete sidewalk
- D. Construction of ADA compliant curb ramps
- E. Pavement striping
- F. New traffic signs as necessary
- G. Resolve existing drainage issues at various crosswalk crossings
- H. Reset drainage structures, manhole castings, frames and covers as necessary.
- I. Coordinate with the Township Traffic Bureau and Essex County for a comprehensive Traffic Control Plans
- J. Prepare construction details;
- K. Plan Set to include but not limited to Cover Sheet, Existing Conditions/Survey Control Plan, Demolition Plan, Construction Plan, Curb Ramp Details, Soil Erosion and Sediment Control Plan and Details, Traffic Control Plans and Construction Details;
- L. Include four (4) meetings with the Township Officials for Kickoff/Field, Preliminary Design, Public Presentation and Final Design;
- M. Bid Package that includes bid set of plans and construction specifications in accordance with public bidding laws.
- N. Bidding documents (plans and specifications) are to be part of the deliverables to the Township via AutoCAD, hard copy and PDF files.

Aerial maps with project areas delineated are enclosed. Township will supply Main St. Crosswalks Construction Plans from previous project.

The cost of services shall be for a complete design and two (2) separate bid packages including cost estimates for based bid and alternates, plans, specifications and bid documents (twenty copies) for bidding purposes including detour plans. All plan specifications and bid documents shall be in conformance with the latest New Jersey Department of Transportation specifications. Proposals shall be on a lump sum basis. Hourly rates shall be submitted with all proposals for any additional work.

It is the intent of this office to advertise for bids as follows:

Phase I Main Street Corridor Crosswalks and Sidewalks Improvements advertise for bids by Early Spring 2024 for construction to commence in the Spring of 2024.

Phase II Main Street Corridor Crosswalks and Sidewalks Improvements advertise for bids by Early Summer 2024 for construction to commence in the Fall of 2024.

Proposals shall be submitted in writing on or before **10:00 A.M. Friday, December 29, 2023** to the Department of Public Works, 25 Lakeside Avenue, West Orange, NJ 07052 and shall include a specified completion date or number of days required for completion of the work after approval is granted to proceed. Also, evidence of proper insurance shall be submitted for approval by the Township Attorney.

A separate proposal for construction inspection and certificates of completion for each phase should also be included if available from your firm.

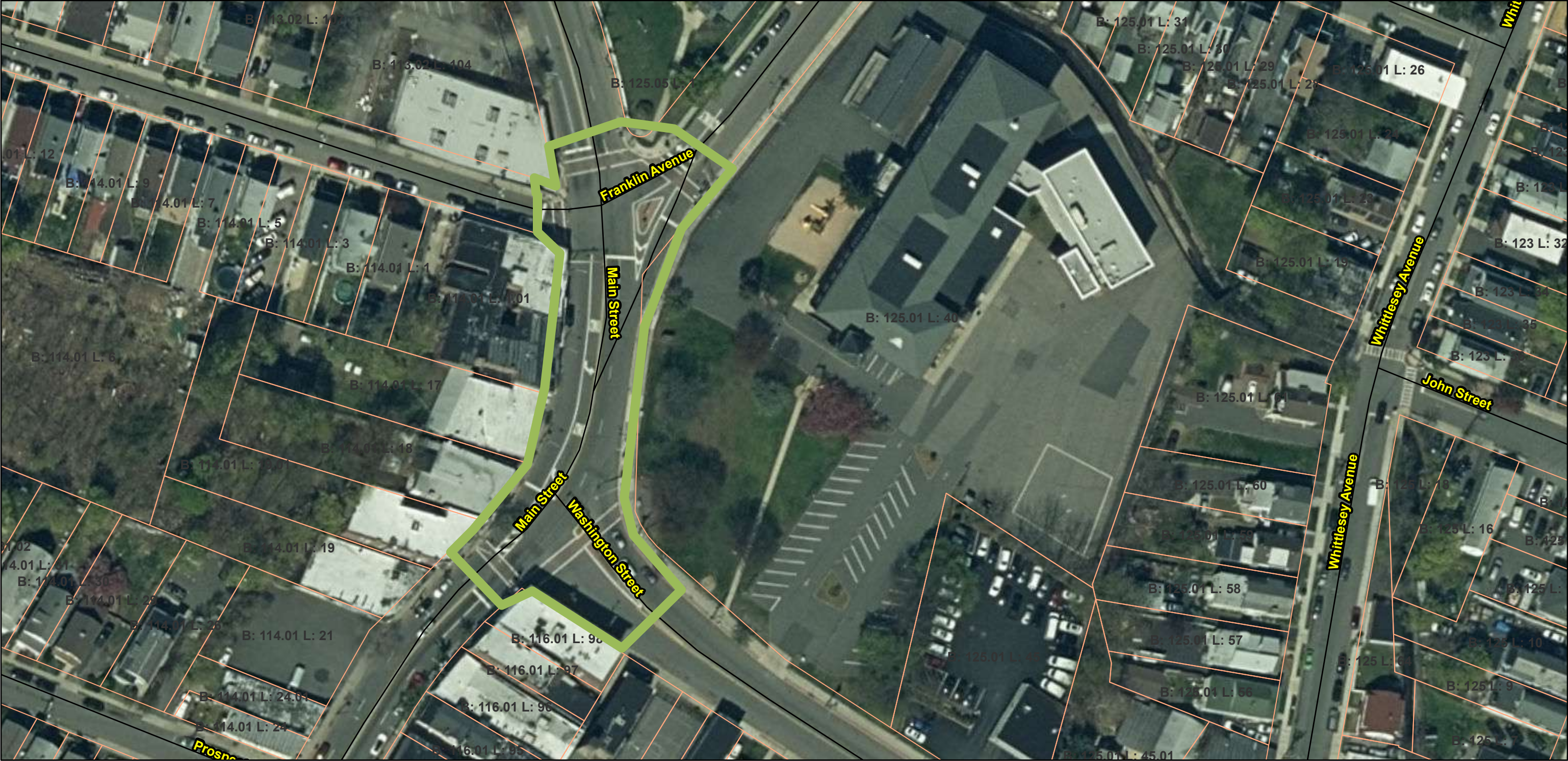
Very Truly yours,

Zayibeth Carballo

Assistant Municipal Engineer

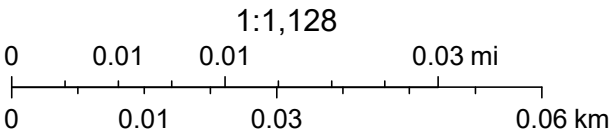
ZYC

Phase 2- Main Street at Washington St., Franklin St & Llewelyn Ave.



12/14/2023, 5:27:11 AM

-  Override 1
-  County Boundaries
-  Municipalities
-  Parcels Data (Block and Lot)
-  Road Centerlines of NJ



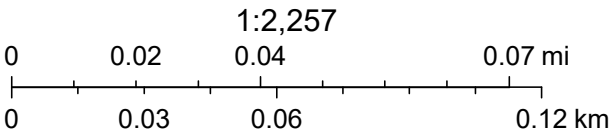
Esri Community Maps Contributors, City of Newark, NYC OpenData, New Jersey Office of GIS, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA

Phase 2- Main Street at Lindsley Ave, Mt. Pleasant Ave/White St



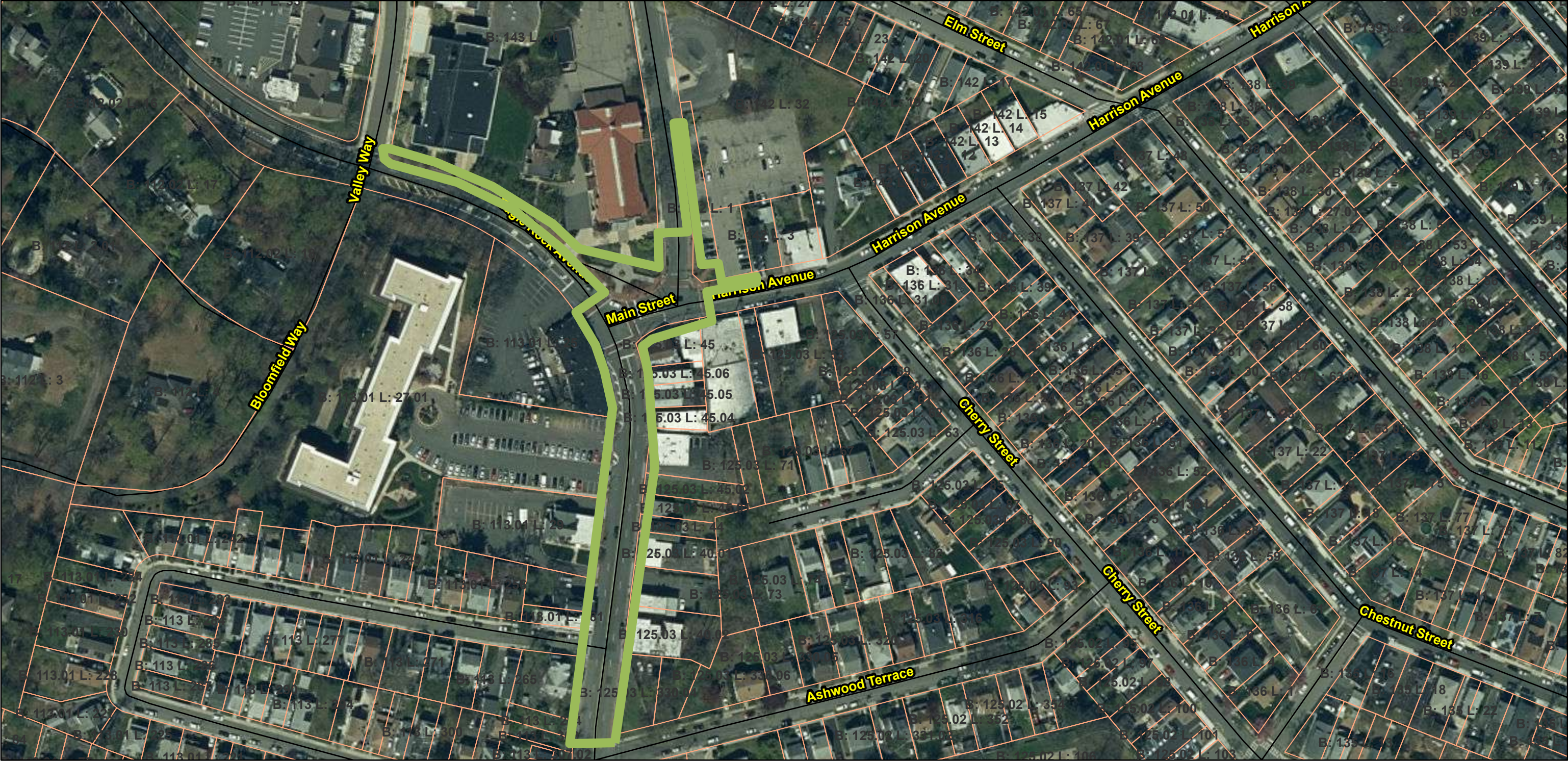
12/14/2023, 5:14:02 AM

-  Override 1
-  County Boundaries
-  Municipalities
-  Parcels Data (Block and Lot)
-  Road Centerlines of NJ



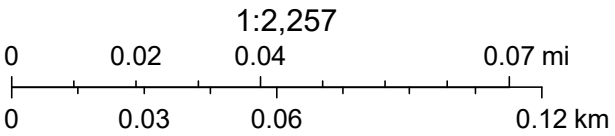
Esri Community Maps Contributors, City of Newark, NYC OpenData, New Jersey Office of GIS, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA

Phase 2- Main Street at Harrison Business District



12/14/2023, 5:32:11 AM

- Override 1
- County Boundaries
- Municipalities
- Parcels Data (Block and Lot)
- Road Centerlines of NJ



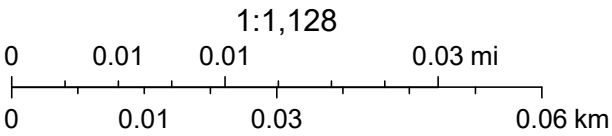
Esri Community Maps Contributors, NYC OpenData, New Jersey Office of GIS, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Phase 2- Main Street at Charles St. & Lakeside Ave.



12/14/2023, 5:20:26 AM

-  Override 1
-  County Boundaries
-  Municipalities
-  Parcels Data (Block and Lot)
-  Road Centerlines of NJ



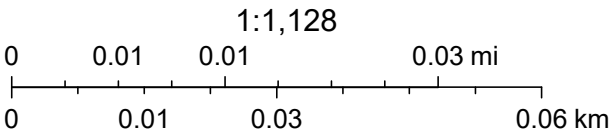
Esri Community Maps Contributors, City of Newark, NYC OpenData, New Jersey Office of GIS, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA

Phase 1- Main Street at Valley Rd/Northfield Ave.



12/14/2023, 4:25:02 AM

- Override 1
- County Boundaries
- Municipalities
- Parcels Data (Block and Lot)
- Road Centerlines of NJ



Esri Community Maps Contributors, City of Newark, NYC OpenData, New Jersey Office of GIS, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA