EASTOWN

TRANSPORTATION IMPROVEMENT DISTRICT (TID)

TOWN OF Middletown DELAWARE

PURPOSE

- Increasing residential and commercial growth within the Town of Middletown has resulted in additional transportation infrastructure challenges that need to be addressed to ensure the continuing economic vitality and quality of life for the area.
- A coordinated governmental response to prepare Middletown for these demands has taken place through a collaborative partnership between the Town and the DelDOT that allows transportation funding and project development to be carried out in efficient and proactive manner through the implementation of the Eastown Transportation Improvement District (TID).
- Eastown TID Agreement between the Town of Middletown and DelDOT signed in January, 2019



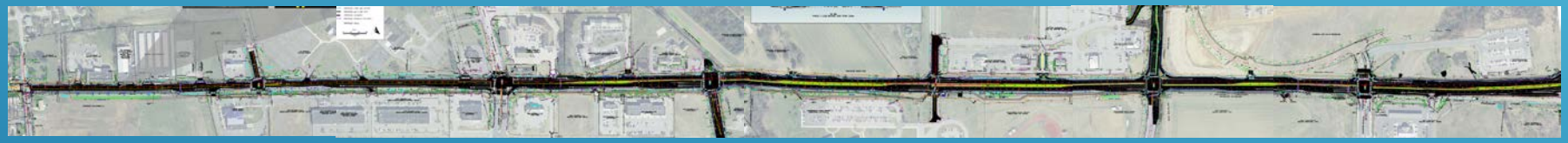




Background

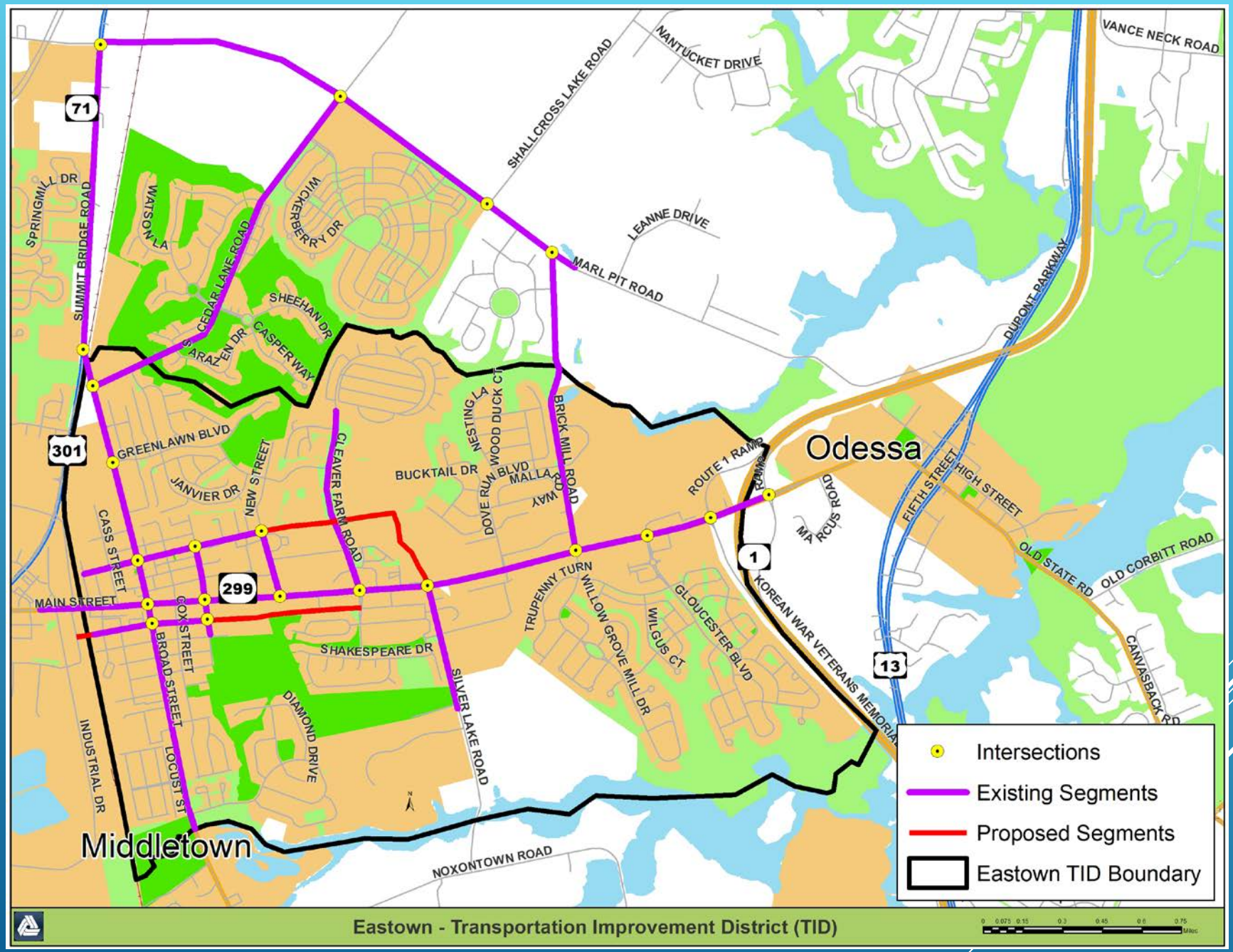
Current DelDOT Projects

- SR 299 Widening Project
  - Two lanes to four lanes from SR 1 to Cleaver Farm Rd
  - Center-Left-Turn-Lane from Cleaver Farm to Catherine St
  - Construction: Fall 2020 to Fall 2022



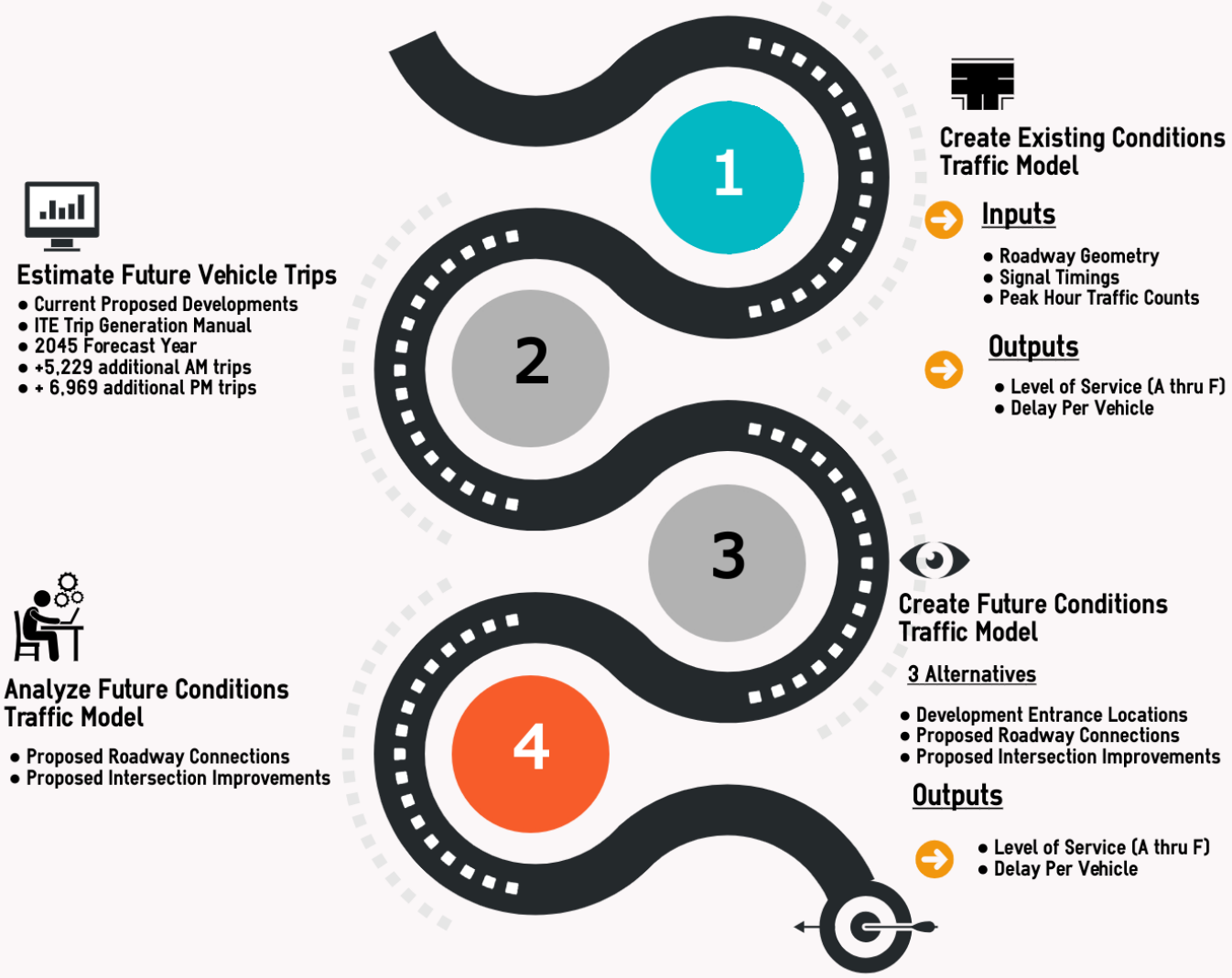
Eastown TID - Year 2045 - Projected Development

- Additional 5,229 AM Peak Hour Trips
- Additional 6,969 PM Peak Hour Trips
- Includes proposed Christina Care expansion (1.2 million square feet)


Eastown - Transportation Improvement District (TID)
Intersections
Existing Segments
Proposed Segments
Eastown TID Boundary
Middletown
Odessa
71
301
299
1
13
SUMMIT BRIDGE ROAD
SPRINGMILL DR
WATSON LA
CEDAR LANE ROAD
WICKBERRY DR
SHALLCROSS LAKE ROAD
NANTUCKET DRIVE
VANCE NECK ROAD
LEANNE DRIVE
MARL PIT ROAD
DUPONT PARKWAY
SHEEHAN DR
S ARAZEN DR
CASPER WAY
GREENLAWN BLVD
JANVIER DR
NEW STREET
CLEAVER FARM ROAD
BUCKTAIL DR
NESTLING LA
DOVE RUN BLVD
WOOD DUCK CT
MALLARD WAY
BRICK MILL ROAD
ROUTE 1 RAMP
MARCUS ROAD
FIFTH STREET
HIGH STREET
OLD STATE RD
OLD CORBITT ROAD
CASS STREET
MAIN STREET
COX STREET
BROAD STREET
SHAKESPEARE DR
DIAMOND DRIVE
SILVER LAKE ROAD
TRUPENNY TURN
WILLOW GROVE MILL DR
WILGUS CT
GLOUCESTER BLVD
KOREAN WAR VETERANS MEMORIAL
CANVASBACK RD
INDUSTRIAL DR
LOCUST ST
NOXONTOWN ROAD

EASTOWN
Transportation Improvement District (TID)

Traffic Analysis Technical Process



Create Existing Conditions Traffic Model

Inputs

- Roadway Geometry
- Signal Timings
- Peak Hour Traffic Counts

Outputs

- Level of Service (A thru F)
- Delay Per Vehicle

Estimate Future Vehicle Trips

- Current Proposed Developments
- ITE Trip Generation Manual
- 2045 Forecast Year
- +5,229 additional AM trips
- + 6,969 additional PM trips

Create Future Conditions Traffic Model

3 Alternatives

- Development Entrance Locations
- Proposed Roadway Connections
- Proposed Intersection Improvements

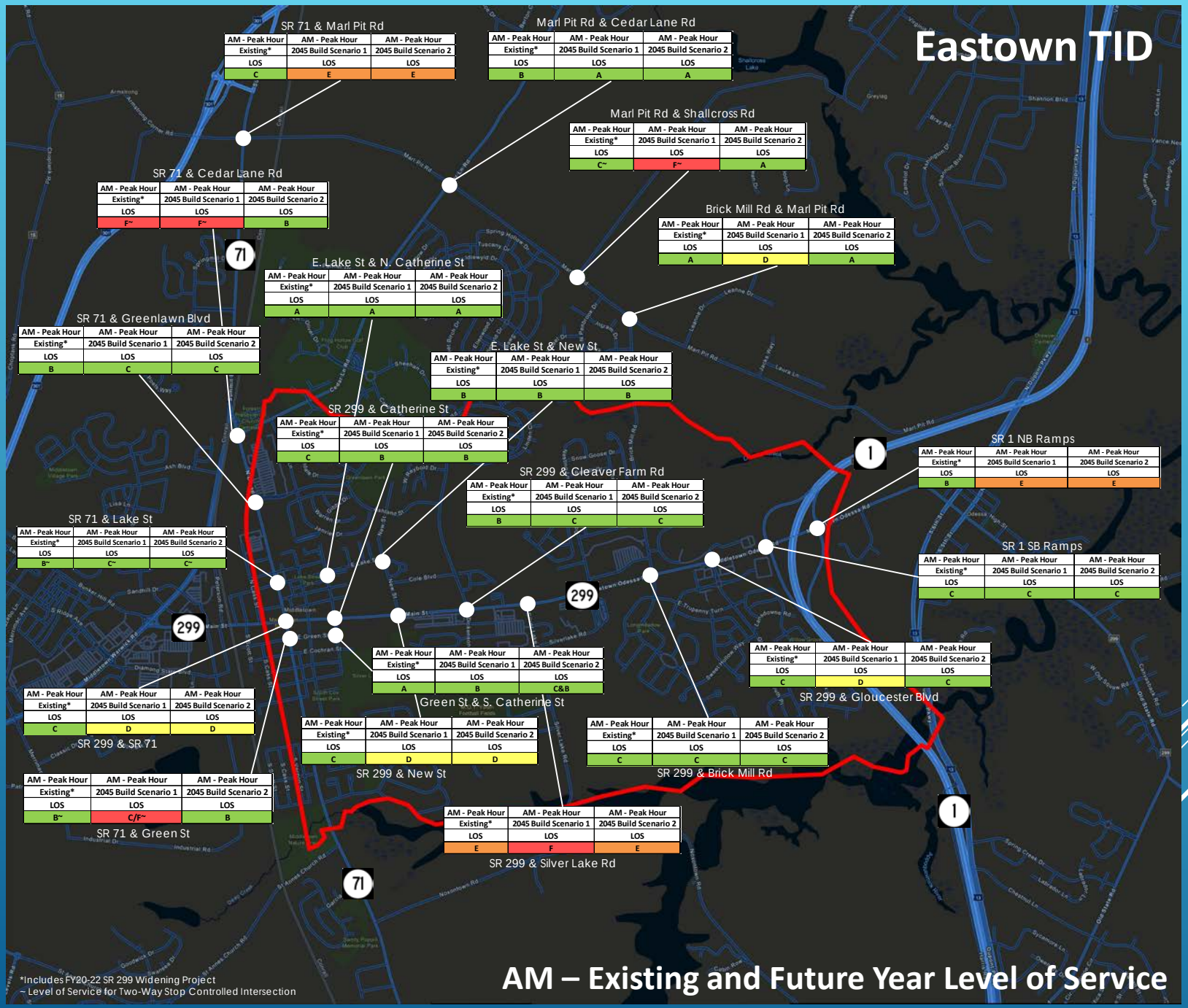
Outputs

- Level of Service (A thru F)
- Delay Per Vehicle

Analyze Future Conditions Traffic Model

- Proposed Roadway Connections
- Proposed Intersection Improvements

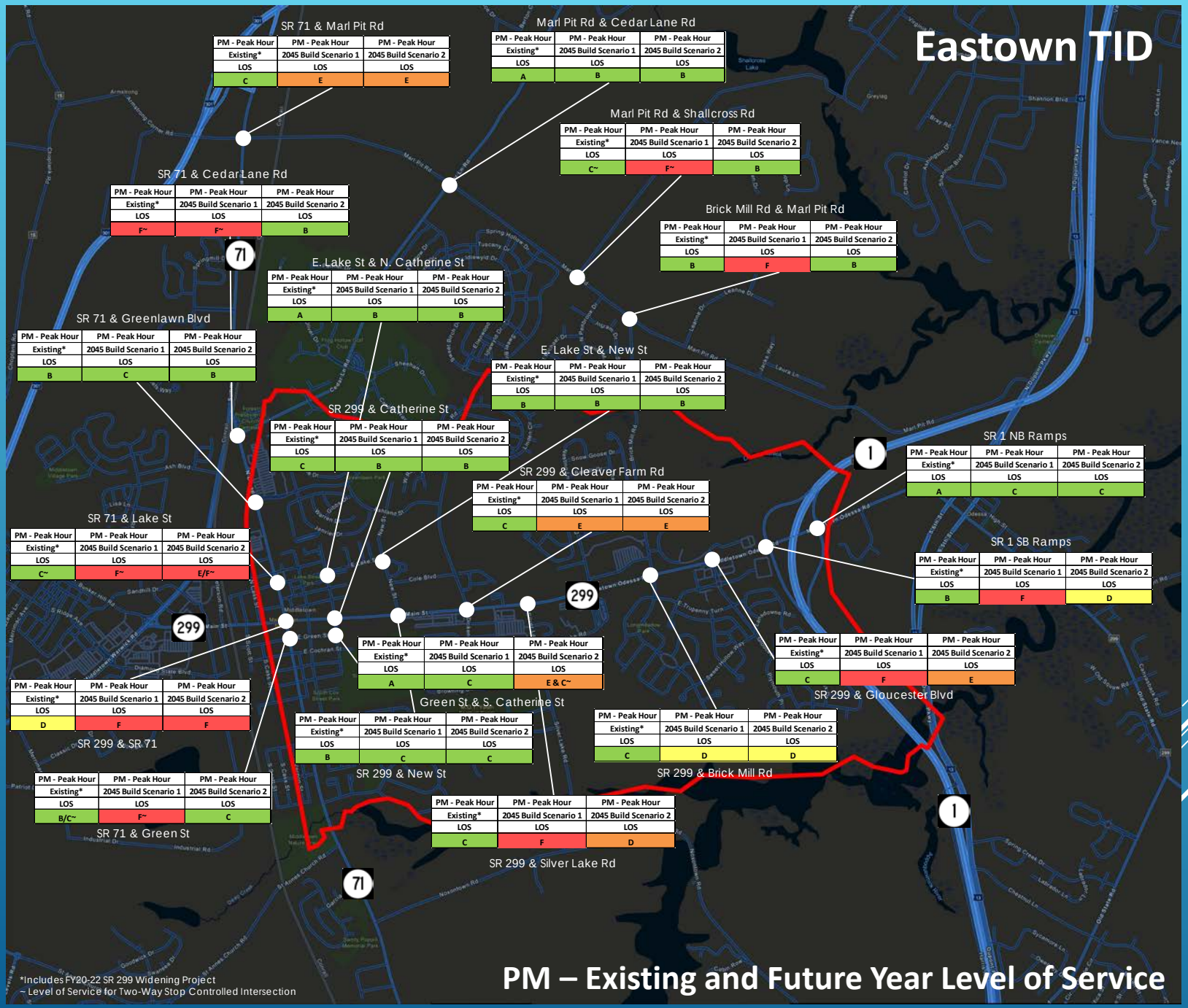
Eastown TID



*Includes FY20-22 SR 299 Widening Project
~ Level of Service for Two-Way Stop Controlled Intersection

AM – Existing and Future Year Level of Service

Eastown TID



*Includes FY20-22 SR 299 Widening Project
~ Level of Service for Two-Way Stop Controlled Intersection

PM – Existing and Future Year Level of Service