

# Public Information Meeting

Kings Highway  
Pedestrian Improvements  
State Project No. 50-218

May 10, 2016

Presentation Team

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**Jonathan Richer, P.E.**, Tighe & Bond Project Manager

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# Presentation Outline



- **Project Introduction**
- **Project Objectives**
- **Existing Conditions**
- **Design Elements**
- **Utility Relocation**
- **Rights of Way**
- **Project Schedule**
- **Project Funding**

# Public Information Meeting



- **Meeting Conducted as part of Federal Funding Requirements**
- **Provides Public/Project Stakeholders Opportunity to Provide Input on Preliminary Design**
- **Comments Become Part of Project Record**
- **Public Input Seriously Considered for Incorporation Under Final Design Phase**

# Project Objectives



- **Encourage Alternative Means of Transportation Through Corridor**
- **Upgrade Deficient Sidewalks and Ramps to Meet Americans with Disabilities Act (ADA) Criteria and Safely Accommodate Pedestrian Traffic**
- **Reconstruct Median to Improve Aesthetics and Provide Pedestrian Refuge and Access Control**
- **Review Bicycle Routes and Improve Accommodations Where Feasible**
- **Improve Safety for All Users of Corridor**

# Kings Highway Features



- **4-Lane Principal Arterial Through Commercial & Residential Neighborhoods**
- **Roadway width generally 60 feet, including 5' median**
- **Limited Right of Way along both sides of street**
- **Limited areas of designated On-Street Parking**
- **Retaining Walls along north side at east end**
- **Major Overhead Utility Facilities along both sides of the street**
- **Underground Utilities Storm Sewer, Sanitary Sewer (Fairfield WPCA), Water (Aquarion), Gas (So. CT Gas)**

# Existing Traffic Data



- **Posted Speed Limit: 35 MPH**
- **Traffic Data June 2015 near Chambers St. and Brentwood Ave.**
- **Average Daily Traffic (ADT): 21,000 Vehicles per Day (VPD) near Chambers St., 22,600 VPD near Brentwood Ave.**
- **85<sup>th</sup> Percentile Speed NB: 35 mph**
- **85<sup>th</sup> Percentile Speed SB: 36 mph**

# Correcting Deficient Elements



## ■ Sidewalk Clearances

- Upgrade to meet ADA criteria



# Correcting Deficient Elements



## ■ Sidewalk Clearances

- Upgrade to meet ADA criteria



# Correcting Deficient Elements



## ■ Accessible Ramps

- Create continuous accessible path through corridor



# Correcting Deficient Elements



## ■ Accessible Ramps

- Create continuous accessible path through corridor



# Correcting Deficient Elements



## ■ Sidewalk Condition

- Deteriorated
- Mix of materials



# Correcting Deficient Elements



## ■ Median Condition

- Deteriorated
- Not aesthetically pleasing



# Correcting Deficient Elements



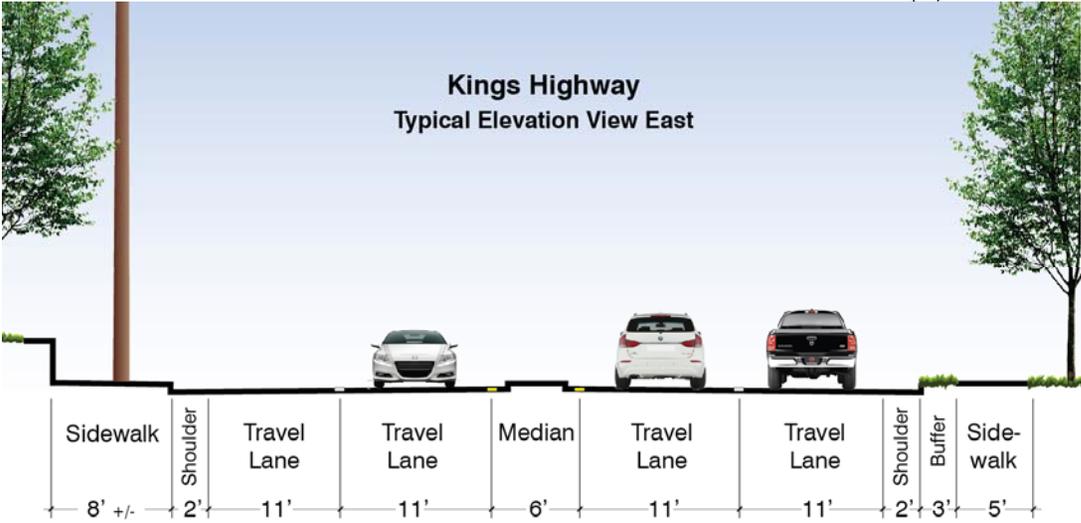
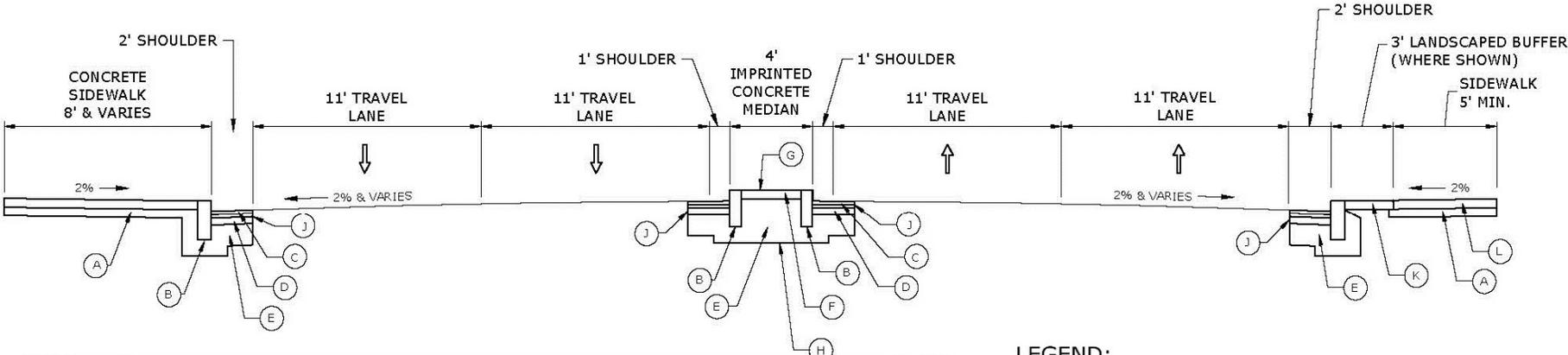
- **Improve Mid-Block Crossing Safety & Access**



# Existing Roadway Cross Section



# Proposed Cross Section



**LEGEND:**

- (A) - 5" CONCRETE SIDEWALK
- (B) - CONCRETE CURB
- (C) - 3" HOT MIX ASPHALT S0.5 (PLACED IN TWO LIFTS)
- (D) - 6" HOT MIX ASPHALT S1.0
- (E) - 10" PROCESSED AGGREGATE BASE
- (F) - IMPRINTED CONCRETE SIDEWALK
- (G) - POINT OF GRADE APPLICATION
- (H) - FORMATION OF SUBGRADE
- (I) - 8" CONCRETE DRIVEWAY RAMP
- (J) - CUT CONCRETE PAVEMENT
- (K) - 4" TOPSOIL AND TURF ESTABLISHMENT
- (L) - 8" GRANULAR FILL
- (M) - CONCRETE DRIVEWAY CURB

# Existing Cross Section



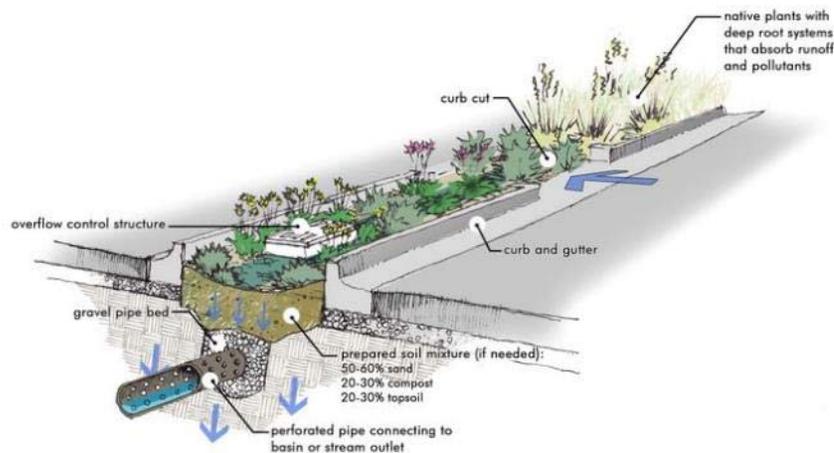
# Proposed Cross Section



# Landscaping Options



- Multiple options for landscaping and low impact development treatments
- Landscaping, if provided, would need to be maintained by property owners
- Landscaping could be provided in median, or adjacent to sidewalks



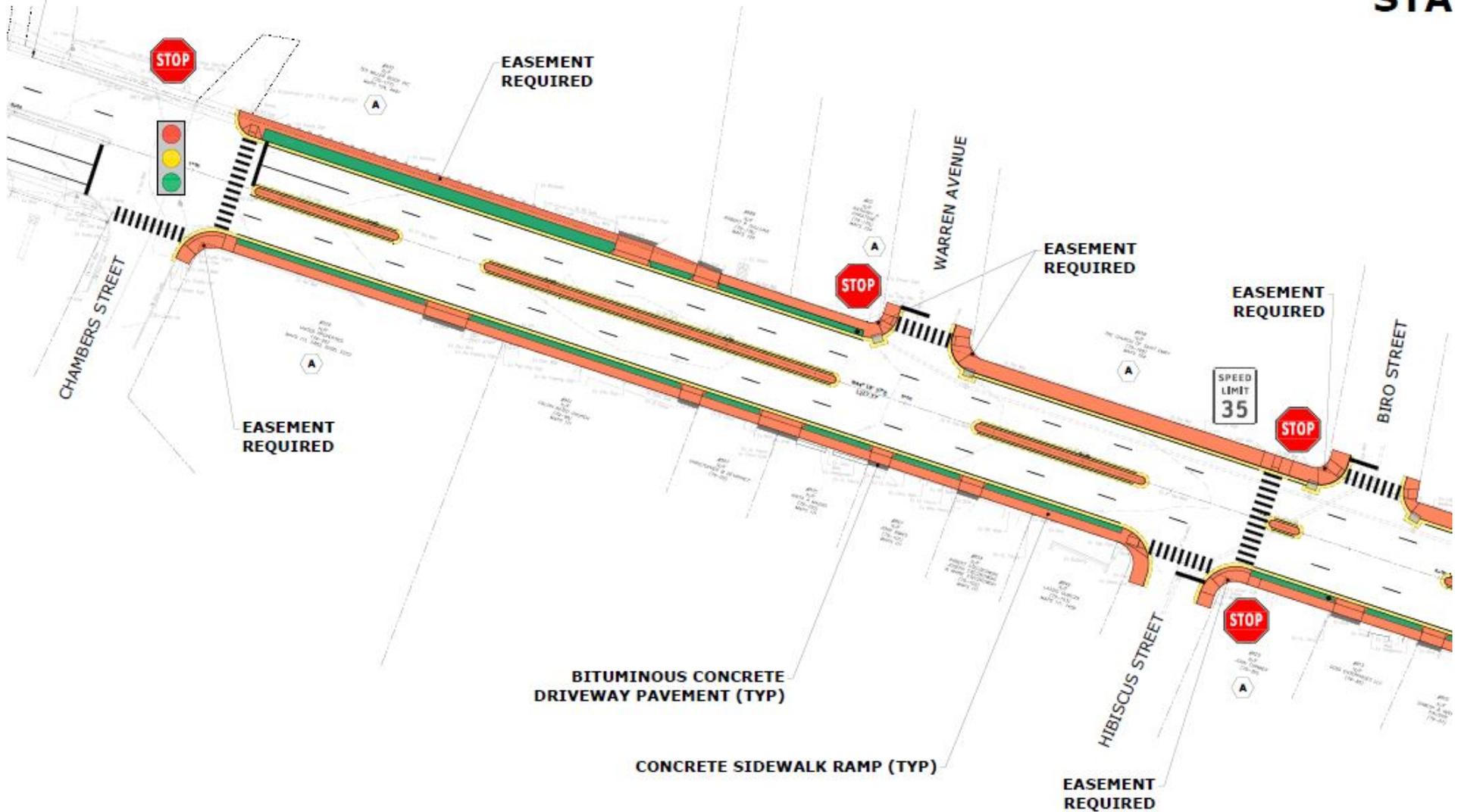
# Proposed Roadway Improvement Plan



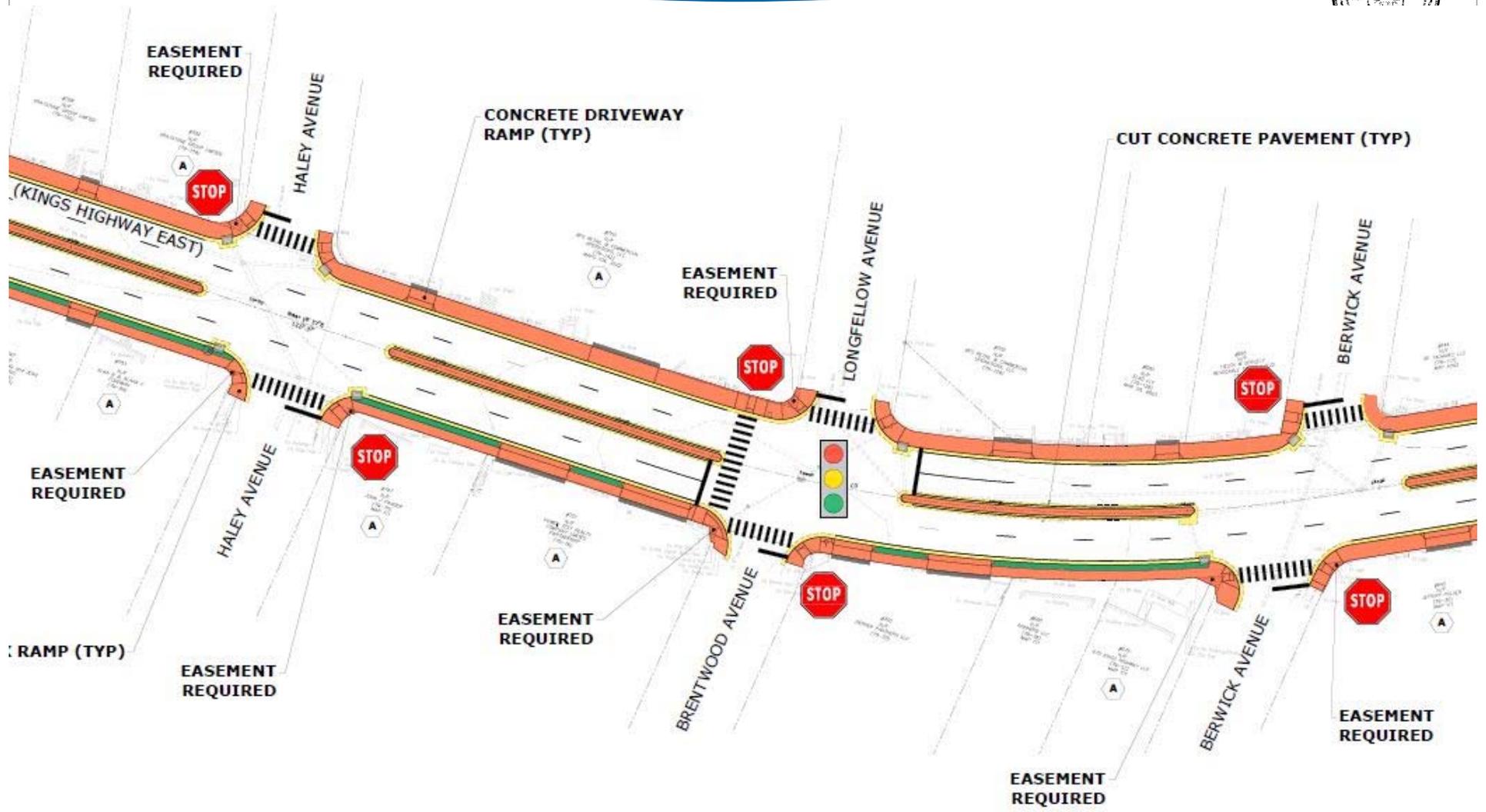
STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION

BEGIN STATE PROJECT  
NO. 50-218  
MEET EXISTING STRIPING  
STA. 0+00

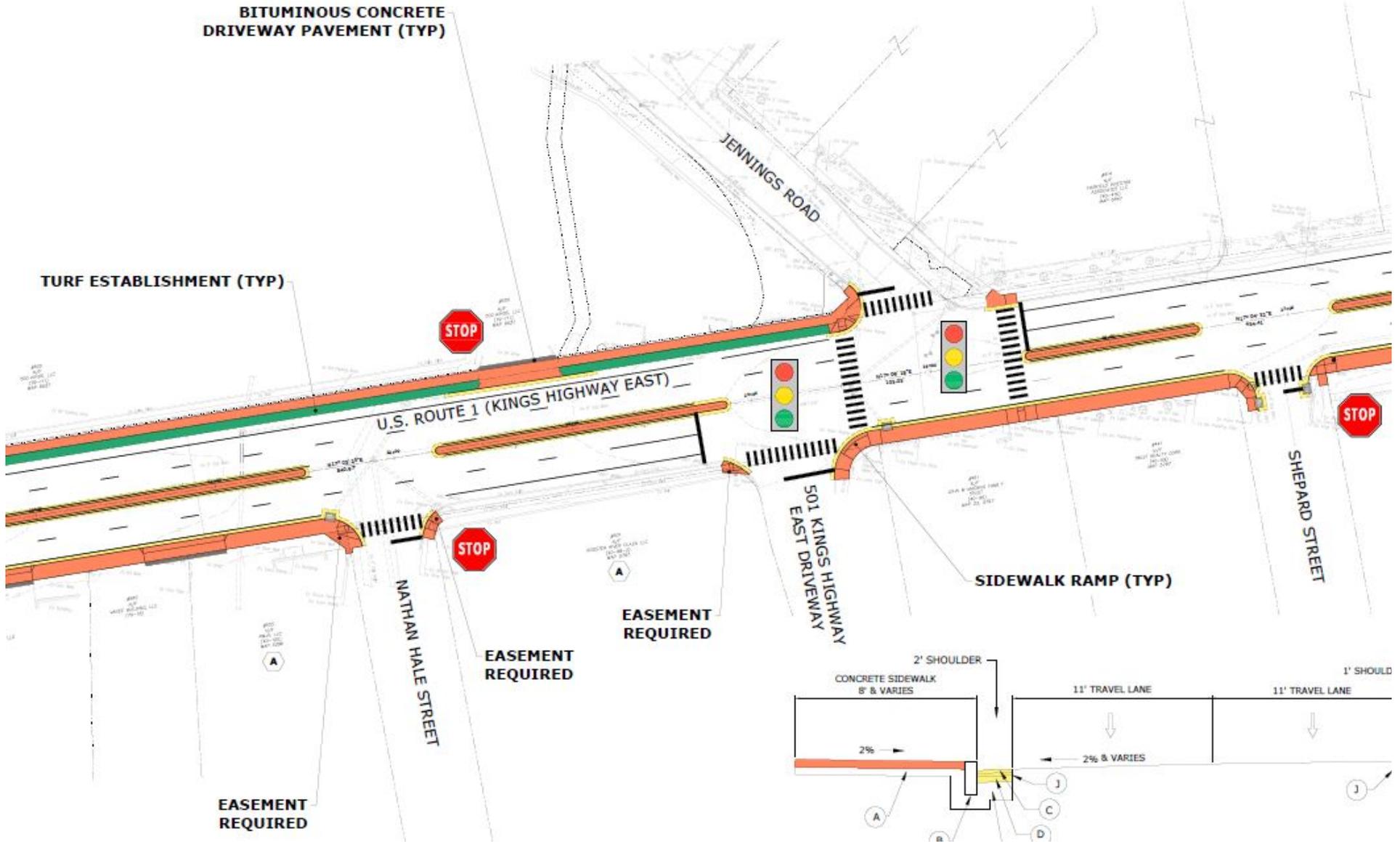
## U.S. ROUTE 1 (KINGS HIGHWAY) STA. 0+00 TO 0+100



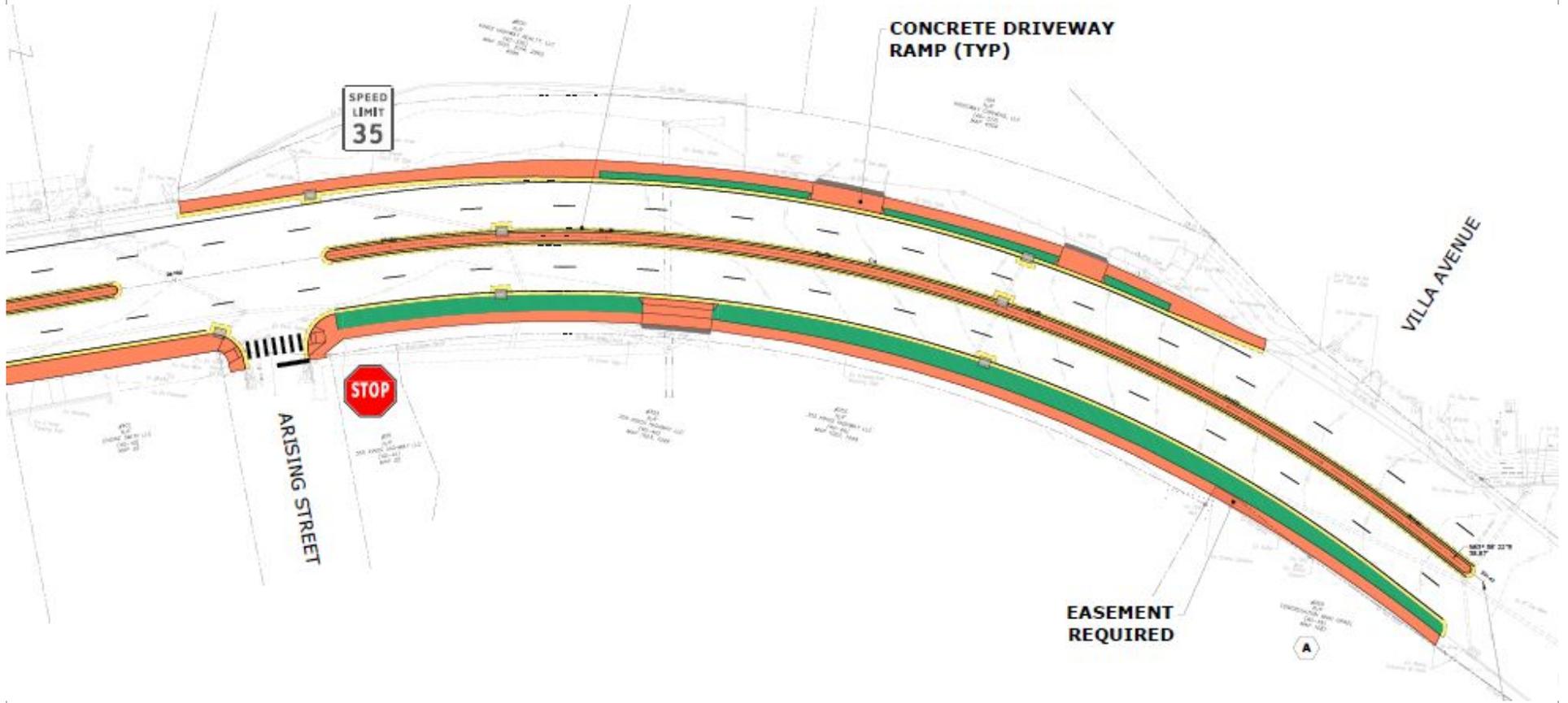
# Proposed Roadway Improvement Plan



# Proposed Roadway Improvement Plan



# Proposed Roadway Improvement Plan



# Storm Drainage Design



- **Watershed analysis conducted for contributing area**
- **Overall reduction in impervious area**
- **New catch basins along Kings Hwy to align with new curb lines**
- **Upgrade catch basins and tops where necessary**
- **Visual inspection of existing basins to remain**



# Existing Utility Facilities



- **Significant Overhead Facilities along both sides of Kings Highway**
- **Three utility pole relocations required**
- **Utility Poles**
  - Custodians: Frontier & United Illuminating
  - Cablevision
- **Underground**
  - So. Conn. Gas
  - Aquarion
  - Town of Fairfield WPCA
- **Utility Coordination Meeting in Mid 2016**



# Right of Way Acquisition



- **18 Potential Permanent Easements**
  - Primarily Existing Sidewalks Constructed Over Right-of-Way
  
- **Construction Rights**
  - Reconstruct Driveways
  - Front Yard Grading (If Necessary)

# Project Schedule



- **Currently in Preliminary Design Phase**
- **Preliminary Design Approval – June 2016**
- **Final Design – Complete January 2017**
- **Advertise for Construction – March 2017**
- **Construction – 2017**
  
- **Rights of Way Process**
  - Begins June 2016
  - Town Notifying Property Owners – Summer 2016

# Project Funding Summary



- **Transportation Alternatives Program (TAP)**
  - 80% Federal Funding
  - 20% Town of Fairfield Funding
- **Local Transportation Capital Improvement Program (LOTICIP)**
  - 100% CTDOT Funding
- **\$2,000,000 Available Funding For Design, Rights of Way and Construction Between Both Programs**

# Public Comments



**First time speakers will have a time limit of 3 minutes.**

**Persons wishing to speak after their initial time limit will be recognized only after all of the first time speakers have had an opportunity to speak.**