

APPENDIX C
Concept Improvement Plans
& Renderings

Oct 11, 2018 12:04pm Plotted By: tjwamser
Tighe & Bond, Inc. J:\C\1106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Route 25 Index.dwg



ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 CONCEPTS INDEX PLAN	
DATE: 11/02/2018	Tighe&Bond www.tighebond.com
SCALE: 1" = 600'	
FIGURE IND-01	

Oct 11, 2018 12:04pm Plotted By: tjwanser Tighe & Bond, Inc. J:\C11106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Plan 1 - Route 25-111 Quadrant.dwg

CONCEPT SUMMARY

- MITIGATES CAPACITY ISSUES - OVERALL LOS C OR BETTER WITH ACCEPTABLE QUEUES
- MAINTAINS COMMUTER LOT CAPACITY
- INCREASED DISTANCES FOR TURNING MOVEMENTS - ALL LEFT TURNS MUST USE QUADRANT ROADWAY
- ISSUES WITH USER EXPECTANCY WITH PROHIBITED LEFT TURNS

[LINK TO INTERSECTION OPERATION VIDEO](#)
(COURTESY OF VIRGINIA DOT)

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

TOWARDS TRUMBULL
TOWN CENTER

INSTALL NEW SIGNALIZED
INTERSECTION

CONSTRUCT QUADRANT ROADWAY FOR
ROUTE 25 AND ROUTE 111 LEFT TURNS

BROADWAY

MONROE TURNPIKE

PROPOSED QUADRANT ROADWAY

25

TOWARDS
BRIDGEPORT

MAIN STREET

LEFT TURNS PROHIBITED AT
INTERSECTION - THROUGH AND
RIGHT TURN MOVEMENTS ONLY

111

INSTALL NEW SIGNALIZED
INTERSECTION

INSTALL OVERHEAD
GUIDE SIGNAGE (TYP.)

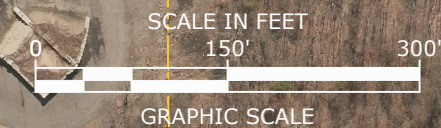
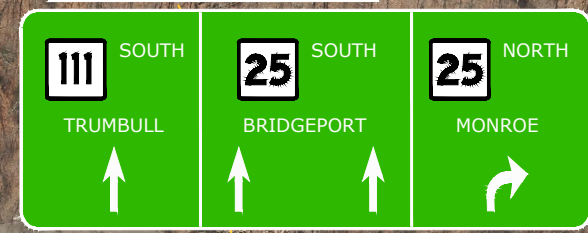
TOWARDS
MONROE-STEPNEY

MATCH LINE - SEE PLAN 3

TOWARDS MONROE
TOWN CENTER

OLD MINE ROAD

LEGEND:	RT 111 AT QUADRANT	RT 25 AT QUADRANT	RT 25 AT RT 111
2040 BACKGROUND	N/A	N/A	F F F
2040 IMPROVED	A B B	A B B	B C B
	SATURDAY LOS PM LOS AM LEVEL OF SERVICE (LOS)		



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT ROUTE 111
QUADRANT ROADWAY
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018
SCALE: 1" = 150'
PLAN 1

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111

Broadway

25

Old Mine Road

CONCEPT SUMMARY

- ELIMINATES CAPACITY ISSUES & PROVIDES EXCESS CAPACITY FOR ADDITIONAL GROWTH
- IMPROVES SAFETY BY REDUCING VEHICLE CONFLICT POINTS
- LOCAL USERS FAMILIAR - EXISTING SPUI AT ROUTE 111 AND MERRITT PARKWAY INTERCHANGE
- REQUIRES LESS SPACE THAN STANDARD INTERCHANGE DESIGNS
- POTENTIAL FOR INCREASED SPEEDS ON ROUTE 25
- REDUCED COMMUTER LOT CAPACITY

[LINK TO INTERSECTION OPERATION VIDEO](#)

(COURTESY OF HNTB)

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

TOWARDS TRUMBULL
TOWN CENTER

111

CENTURY DRIVE

MAIN STREET

SEE INSET, THIS SHEET

BROADWAY

PROPOSED PROPERTY LINE

25

TOWARDS
BRIDGEPORT

MAIN STREET

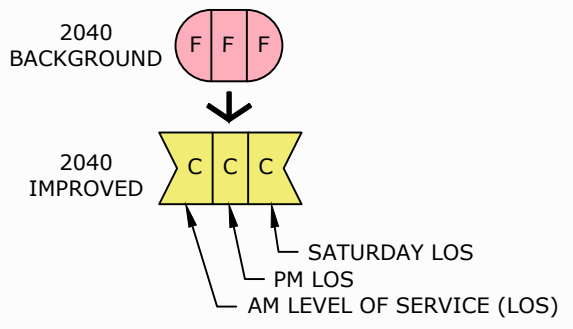
MATCH LINE - SEE PLAN 3

CONSTRUCT ROUTE 25 OVERPASS
OF ROUTE 111 AND SINGLE
POINT URBAN INTERCHANGE

INSTALL OVERHEAD
GUIDE SIGNAGE (TYP.)

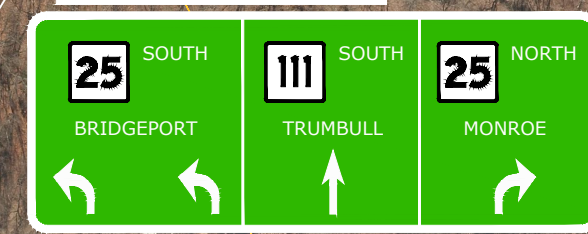
TOWARDS
MONROE-STEPNEY

LEGEND:



TOWARDS MONROE
TOWN CENTER

OLD MINE ROAD



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT ROUTE 111
SINGLE POINT URBAN INTERCHANGE
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018
SCALE: 1" = 150'
PLAN 2

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SCALE IN FEET
0 150' 300'
GRAPHIC SCALE



111

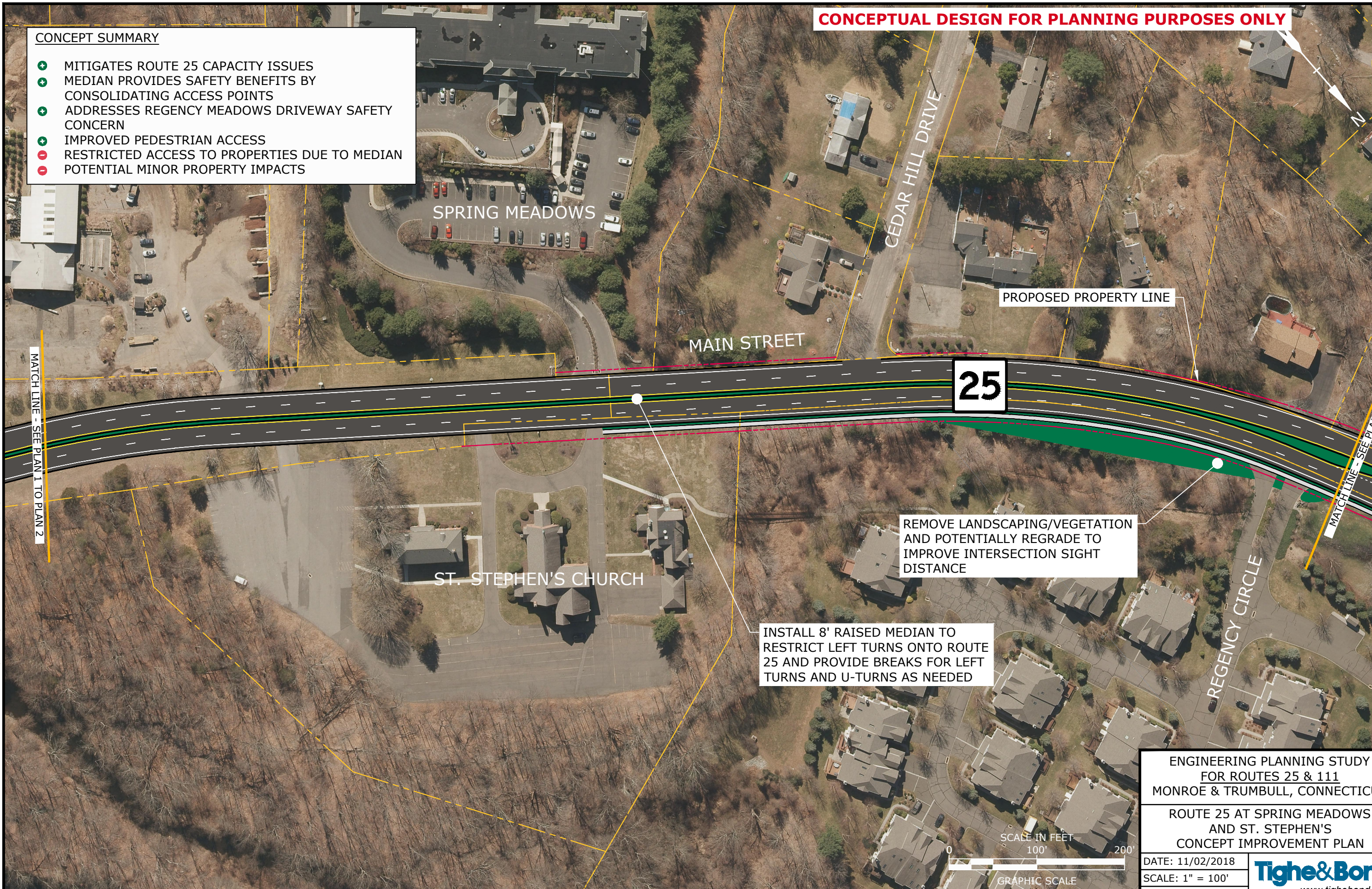
Broadway

25

Old Mine Road

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

- CONCEPT SUMMARY
- MITIGATES ROUTE 25 CAPACITY ISSUES
 - MEDIAN PROVIDES SAFETY BENEFITS BY CONSOLIDATING ACCESS POINTS
 - ADDRESSES REGENCY MEADOWS DRIVEWAY SAFETY CONCERN
 - IMPROVED PEDESTRIAN ACCESS
 - RESTRICTED ACCESS TO PROPERTIES DUE TO MEDIAN
 - POTENTIAL MINOR PROPERTY IMPACTS

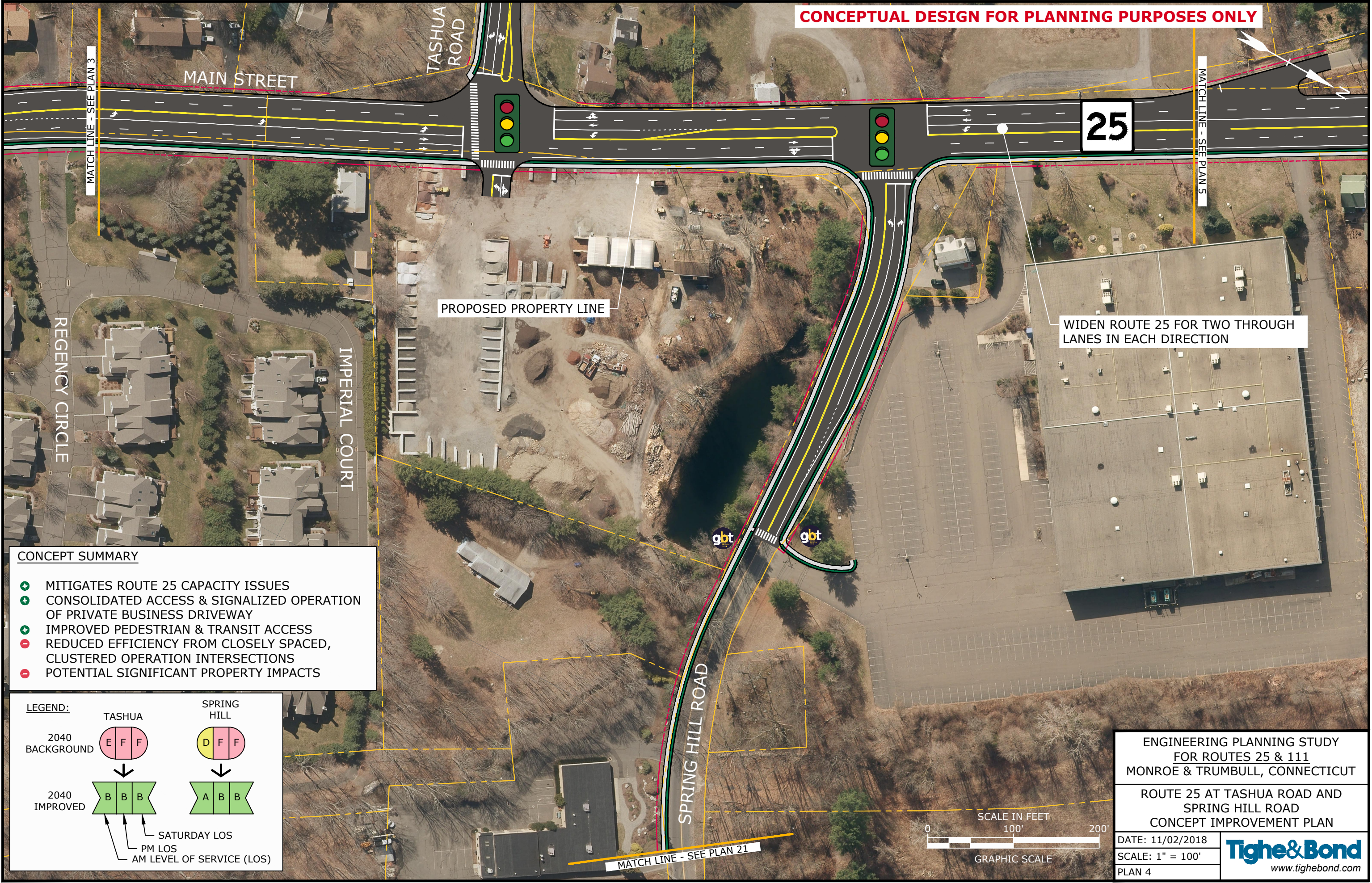


REMOVE LANDSCAPING/VEGETATION AND POTENTIALLY REGRADE TO IMPROVE INTERSECTION SIGHT DISTANCE

INSTALL 8' RAISED MEDIAN TO RESTRICT LEFT TURNS ONTO ROUTE 25 AND PROVIDE BREAKS FOR LEFT TURNS AND U-TURNS AS NEEDED

ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 AT SPRING MEADOWS AND ST. STEPHEN'S CONCEPT IMPROVEMENT PLAN	
DATE: 11/02/2018	Tighe&Bond www.tighebond.com
SCALE: 1" = 100'	
PLAN 3	

Oct 11, 2018-12:05pm Plotted By: tjwanser Tighe & Bond, Inc. J:\C11106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Plan 4 - Route 25 at Tashua & Spring Hill.dwg



CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

25

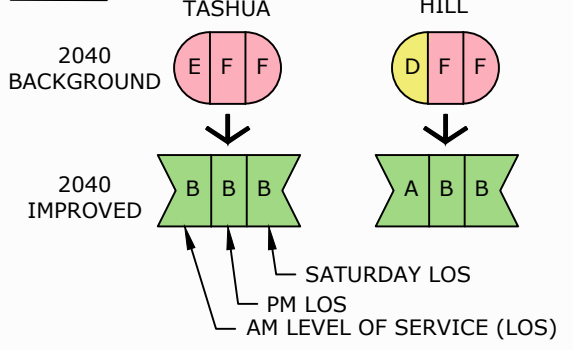
PROPOSED PROPERTY LINE

WIDEN ROUTE 25 FOR TWO THROUGH LANES IN EACH DIRECTION

CONCEPT SUMMARY

- MITIGATES ROUTE 25 CAPACITY ISSUES
- CONSOLIDATED ACCESS & SIGNALIZED OPERATION OF PRIVATE BUSINESS DRIVEWAY
- IMPROVED PEDESTRIAN & TRANSIT ACCESS
- ➖ REDUCED EFFICIENCY FROM CLOSELY SPACED, CLUSTERED OPERATION INTERSECTIONS
- ➖ POTENTIAL SIGNIFICANT PROPERTY IMPACTS

LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT TASHUA ROAD AND
SPRING HILL ROAD
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018
SCALE: 1" = 100'
PLAN 4

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25

Spring Hill Road

CONCEPT SUMMARY

- MITIGATES ROUTE 25 CAPACITY ISSUES
- IMPROVED PEDESTRIAN ACCESS
- MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS
- POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

OWL HILL TRAIL

OLD TURNPIKE ROAD

MAIN STREET

25

MATCH LINE - SEE PLAN 4

MATCH LINE - SEE PLAN 6

WIDEN ROUTE 25 FOR TWO THROUGH LANES IN EACH DIRECTION

TRUMBULL
MONROE

PROPOSED PROPERTY LINE



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT
OLD TURNPIKE ROAD
CONCEPT IMPROVEMENT PLAN

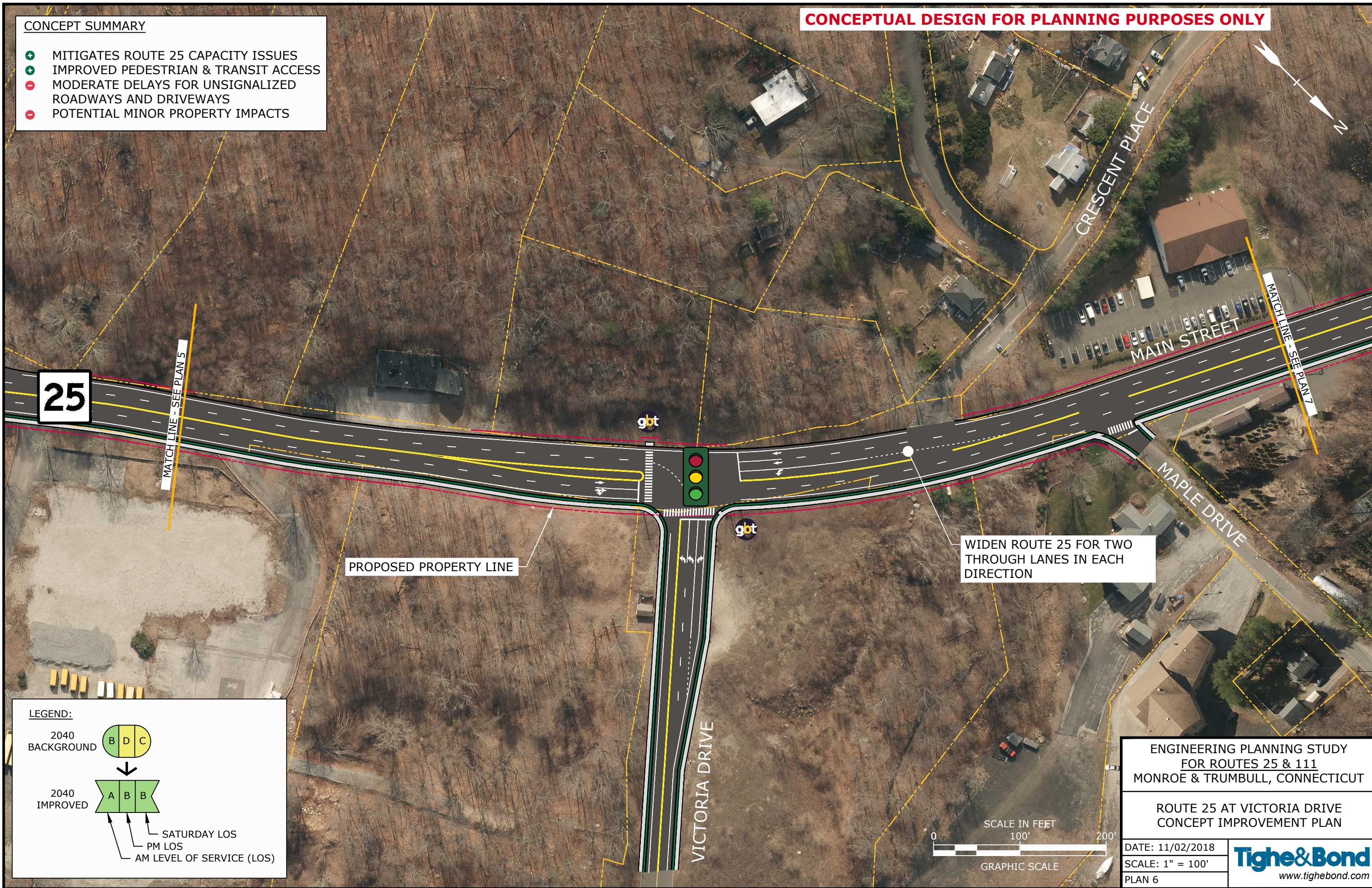
DATE: 11/02/2018
SCALE: 1" = 100'
PLAN 5

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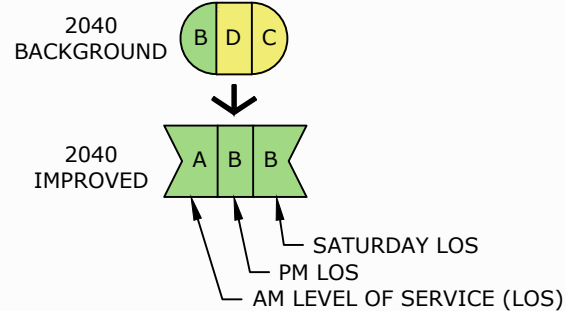
CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

CONCEPT SUMMARY

- MITIGATES ROUTE 25 CAPACITY ISSUES
- IMPROVED PEDESTRIAN & TRANSIT ACCESS
- MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS
- POTENTIAL MINOR PROPERTY IMPACTS



LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT VICTORIA DRIVE
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018
SCALE: 1" = 100'
PLAN 6

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CONCEPT SUMMARY

- MITIGATES ROUTE 25 CAPACITY ISSUES
- IMPROVED PEDESTRIAN ACCESS
- MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS
- POTENTIAL MODERATE PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

PROPOSED PROPERTY LINE

MAIN STREET

CRESCENT PLACE

MATCH LINE - SEE PLAN 6

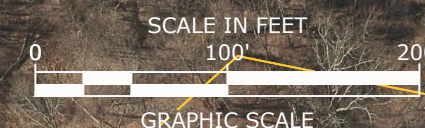
MILL STREET

WIDEN ROUTE 25 FOR TWO THROUGH LANES IN EACH DIRECTION

MAPLE DRIVE

MATCH LINE - SEE PLAN 8

25



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT CRESCENT PLACE,
MILL STREET, AND MAPLE DRIVE
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018
SCALE: 1" = 100'
PLAN 7

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CONCEPT SUMMARY

- + MODERATE CAPACITY IMPROVEMENTS
- + ADDITIONAL SPACING BETWEEN SIGNALIZED INTERSECTIONS
- + IMPROVED SAFETY FROM ELIMINATION OF INTERSECTION SKEW
- + CONSOLIDATED ACCESS FOR COMMERCIAL BUSINESSES
- + IMPROVED PEDESTRIAN & TRANSIT ACCESS
- MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS
- SIGNIFICANT PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

FUTURE POND VIEW DEVELOPMENT

REALIGN ACROSS FROM PURDY HILL ROAD AND WIDEN TO PROVIDE THREE LANE APPROACH

PROPOSED PROPERTY LINE

MAIN STREET

25

MATCH LINE - SEE PLAN 7

OLD NEWTOWN ROAD

CONSIDER REVISIONS/CLOSURE OF OLD NEWTOWN ROAD

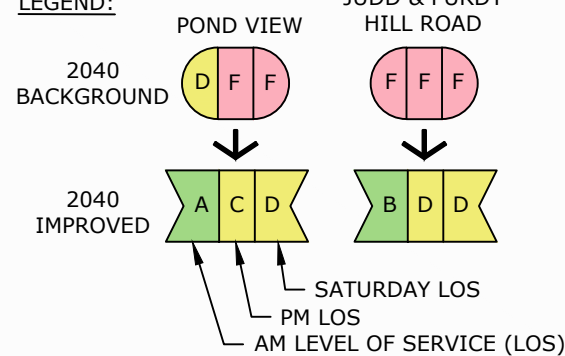
REALIGN ACROSS FROM JUDD ROAD AND WIDEN TO PROVIDE THREE LANE APPROACH

WIDEN ROUTE 25 FOR TWO THROUGH LANES IN EACH DIRECTION WITH TURN LANES AT MAJOR INTERSECTIONS

JUDD ROAD

PURDY HILL ROAD

LEGEND:



SCALE IN FEET

0 100' 200'

GRAPHIC SCALE

ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT JUDD ROAD
AND PURDY HILL ROAD
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

PLAN 8

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CONCEPT SUMMARY

- MITIGATES ROUTE 25 CAPACITY ISSUES
- REMOVAL OF SKEWED INTERSECTIONS & CONSOLIDATED ACCESS TO PRIVATE PROPERTIES
- IMPROVED PEDESTRIAN ACCESS
- MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS
- POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

FUTURE DEVELOPMENT PARCELS

EXTEND DRIVEWAYS TO ROUTE 25 MAIN LINE & COORDINATE/CONSOLIDATE ACCESS POINTS WITH ADJACENT PARCELS

MAIN STREET

PROPOSED PROPERTY LINE

WIDEN ROUTE 25 FOR TWO THROUGH LANES IN EACH DIRECTION

CULVERT TO BE REPLACED UNDER CTDOT PROJ. NO. 084-100

SCALE IN FEET

100'

200'

GRAPHIC SCALE

ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 NORTH OF PURDY HILL RD.
AND JUDD RD.
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

PLAN 9

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Oct 11, 2018-12:06pm Plotted By: tjwamser
Tighe & Bond, Inc. J:\C\1106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Plan 9 - Route 25 North of Purdy.dwg

Oct 11, 2018 12:06pm Plotted By: tjwamser
Tighe & Bond, Inc. J:\C\1106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Plan 10 - Route 25 at Stepney Plaza.dwg



ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 AT STEPNEY PLAZA CONCEPT IMPROVEMENT PLAN	
DATE: 11/02/2018	Tighe&Bond www.tighebond.com
SCALE: 1" = 100'	
PLAN 10	

Oct 11, 2018-12:06pm Plotted By: tjwamser
Tighe & Bond, Inc. J:\C\1106 CT MetroCOG-Route 25&111 Study\Drawing\Sheet\Plan 11 - Route 25 at Knollwood St.dwg



ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 AT KNOLLWOOD STREET CONCEPT IMPROVEMENT PLAN	
DATE: 11/02/2018	Tighe&Bond www.tighebond.com
SCALE: 1" = 100'	
PLAN 11	

CONCEPT SUMMARY

- ➕ MITIGATES ROUTE 25 CAPACITY ISSUES
- ➕ IMPROVED INTERSECTION GEOMETRY AND SIGHT DISTANCES
- ➖ MODERATE DELAYS FOR UNSIGNALIZED ROADWAYS AND DRIVEWAYS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

CULVERT TO BE REPLACED UNDER
CTDOT PROJ. NO. 084-099

MATCH LINE - SEE PLAN 11

25

MATCH LINE - SEE PLAN 13

MAIN STREET

WIDEN ROUTE 25 FOR
TWO THROUGH LANES
IN EACH DIRECTION

PROPOSED PROPERTY LINE

REALIGN AND REGRADE INTERSECTION TO
IMPROVE SIGHT DISTANCE AND GEOMETRY

BROOK STREET

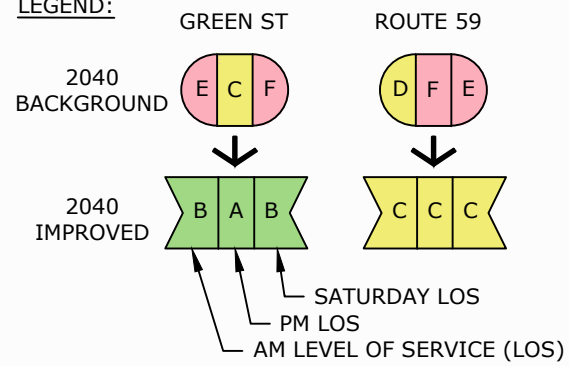


ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 AT BROOK STREET CONCEPT IMPROVEMENT PLAN	
DATE: 11/02/2018	Tighe&Bond www.tighebond.com
SCALE: 1" = 100'	
PLAN 12	

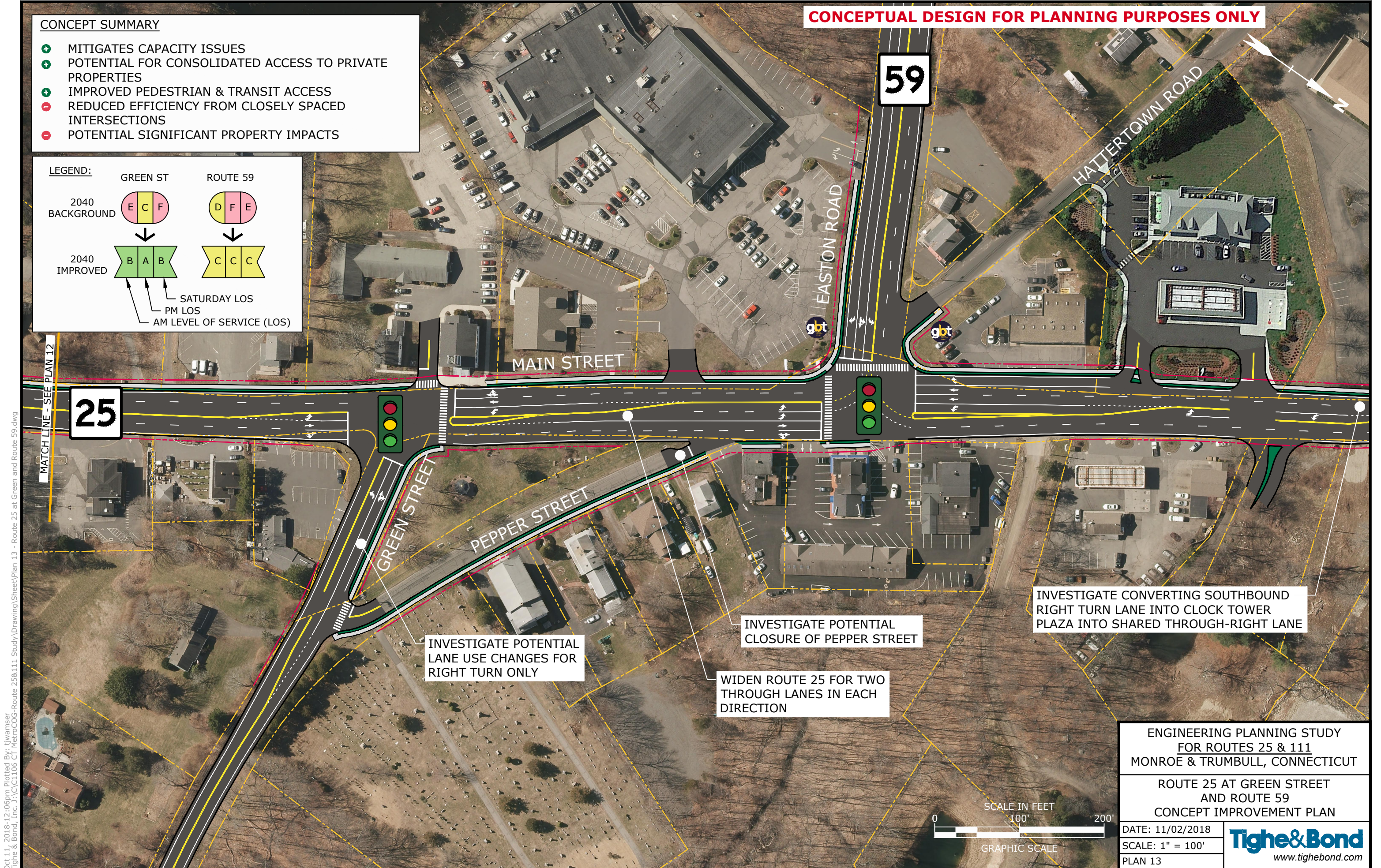
CONCEPT SUMMARY

- ➕ MITIGATES CAPACITY ISSUES
- ➕ POTENTIAL FOR CONSOLIDATED ACCESS TO PRIVATE PROPERTIES
- ➕ IMPROVED PEDESTRIAN & TRANSIT ACCESS
- ➖ REDUCED EFFICIENCY FROM CLOSELY SPACED INTERSECTIONS
- ➖ POTENTIAL SIGNIFICANT PROPERTY IMPACTS

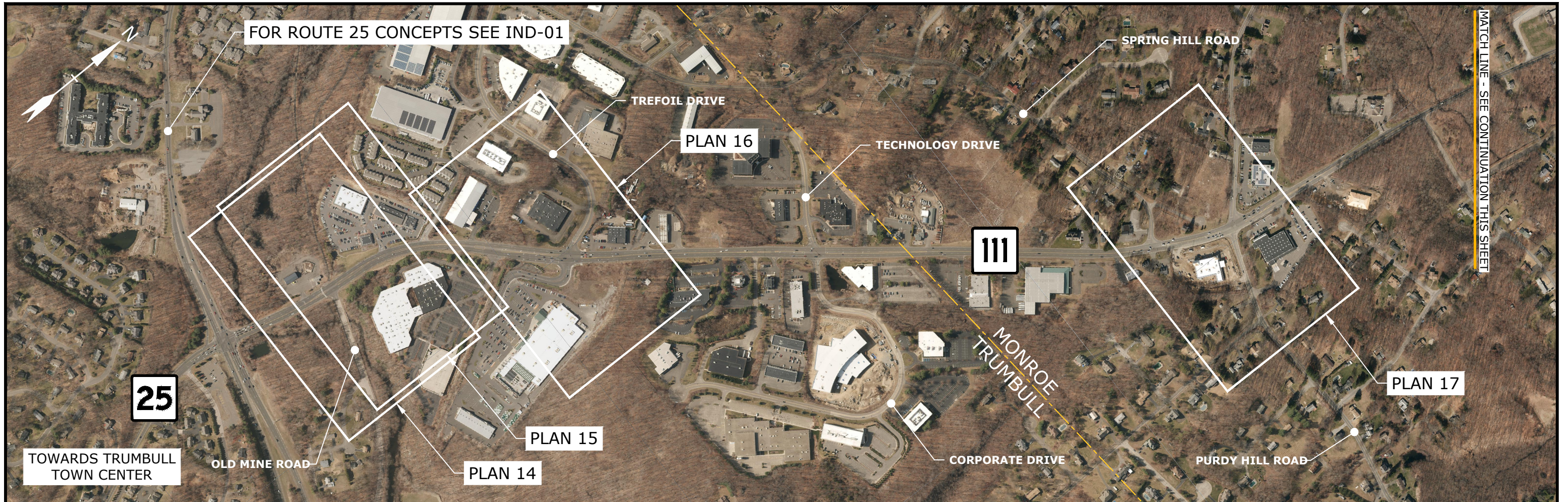
LEGEND:




CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY







ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 111 CONCEPTS INDEX PLAN	
DATE: 11/02/2018	 www.tighebond.com
SCALE: 1" = 600'	
FIGURE IND-02	

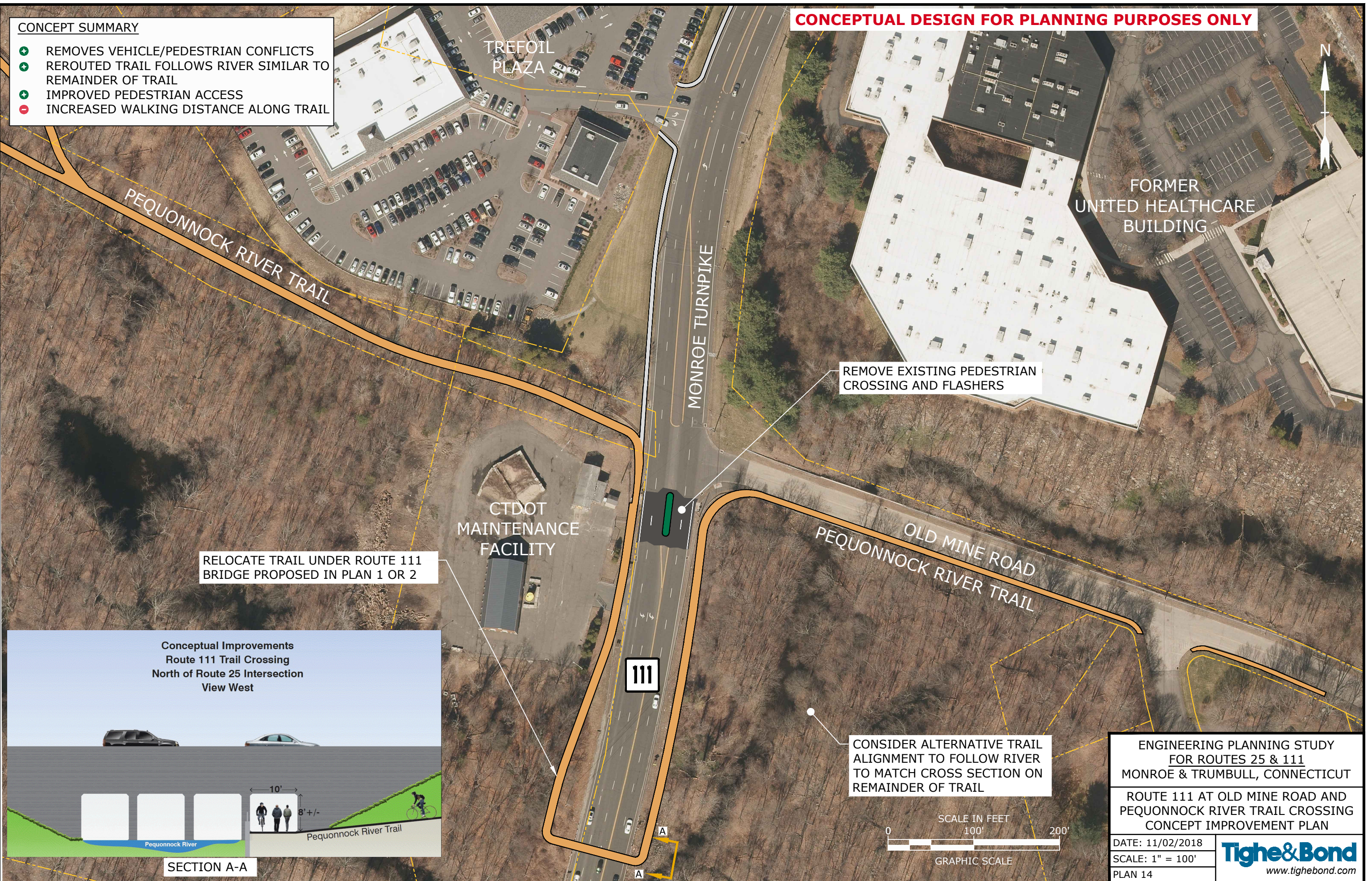


Jul 02, 2019 1:54pm Plotted By: TJWanser
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CONCEPT SUMMARY

- REMOVES VEHICLE/PEDESTRIAN CONFLICTS
- REROUTED TRAIL FOLLOWS RIVER SIMILAR TO REMAINDER OF TRAIL
- IMPROVED PEDESTRIAN ACCESS
- INCREASED WALKING DISTANCE ALONG TRAIL

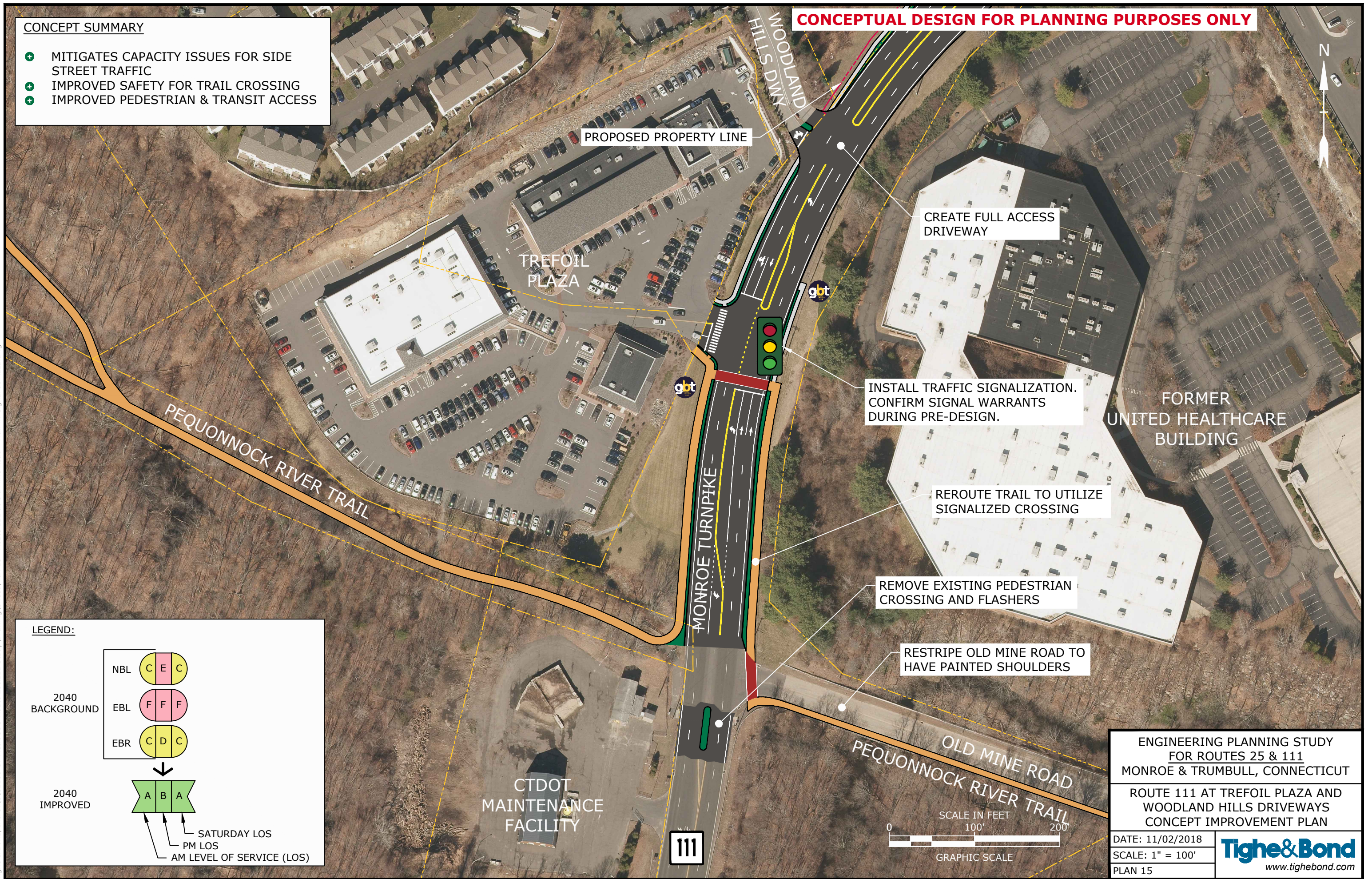
CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



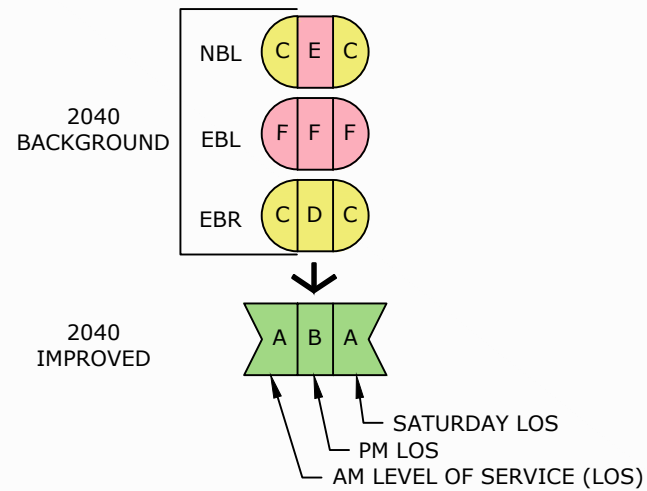
CONCEPT SUMMARY

- MITIGATES CAPACITY ISSUES FOR SIDE STREET TRAFFIC
- IMPROVED SAFETY FOR TRAIL CROSSING
- IMPROVED PEDESTRIAN & TRANSIT ACCESS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 111 AT TREFOIL PLAZA AND
WOODLAND HILLS DRIVEWAYS
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

PLAN 15

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Pequonnock River Trail

Old Mine Road

111

CONCEPT SUMMARY

- ➕ CAPACITY IMPROVEMENTS FOR SIDE STREET AND ROUTE 111 LEFT TURNING TRAFFIC
- ➕ IMPROVED PEDESTRIAN & TRANSIT ACCESS
- ➖ MODERATE DELAYS ON SELECT MOVEMENTS DURING PEAKS
- ➖ POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

TO TREFOIL
CORPORATE PARK

RESTRIPE TO PROVIDE EXCLUSIVE RIGHT TURN
LANE AND SHARED THROUGH-LEFT LANE
(APPROACH CAN BE WIDENED TO PROVIDE
ADDITIONAL CAPACITY IF NECESSARY)

MONROE TURNPIKE

PROPOSED PROPERTY LINE

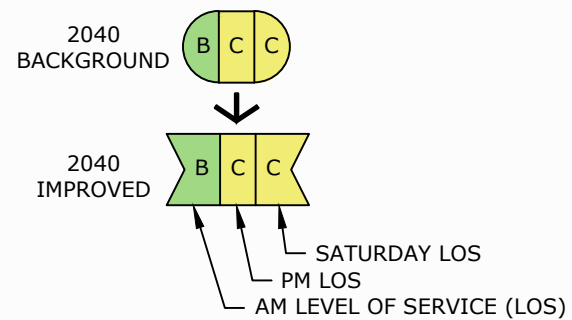


HOME DEPOT
DRIVEWAY

111

SCALE IN FEET
0 100' 200'
GRAPHIC SCALE

LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 111 AT
TREFOIL DR. AND HOME DEPOT DWY.
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

PLAN 16

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CONCEPT SUMMARY

- ➕ CAPACITY IMPROVEMENTS FOR SIDE STREET AND ROUTE 111 LEFT TURNING TRAFFIC
- ➕ IMPROVED PEDESTRIAN & TRANSIT ACCESS
- ⊖ MODERATE DELAYS ON SELECT MOVEMENTS DURING PEAKS
- ⊖ POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



PROPOSED PROPERTY LINE

REVISE PHASING TO ALLOW ROUTE 111 SOUTHBOUND PROTECTED-PERMITTED LEFT TURNS

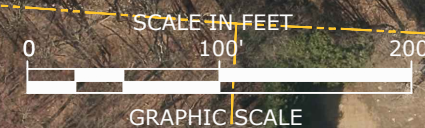
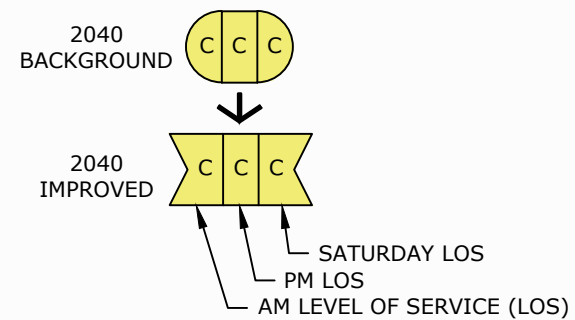
LOCATE DRIVEWAY AS FAR FROM SIGNALIZED INTERSECTION AS FEASIBLE

FUTURE DEVELOPMENT PARCELS

ABANDON REMAINING PORTION OF PREVIOUS SPRING HILL ROAD ALIGNMENT AND CONVERT TO DRIVEWAY FOR DEVELOPMENT

CONSTRUCT LANDSCAPED MEDIAN WITH MARKED PEDESTRIAN CROSSWALK

LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 111 AT
PURDY HILL RD
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

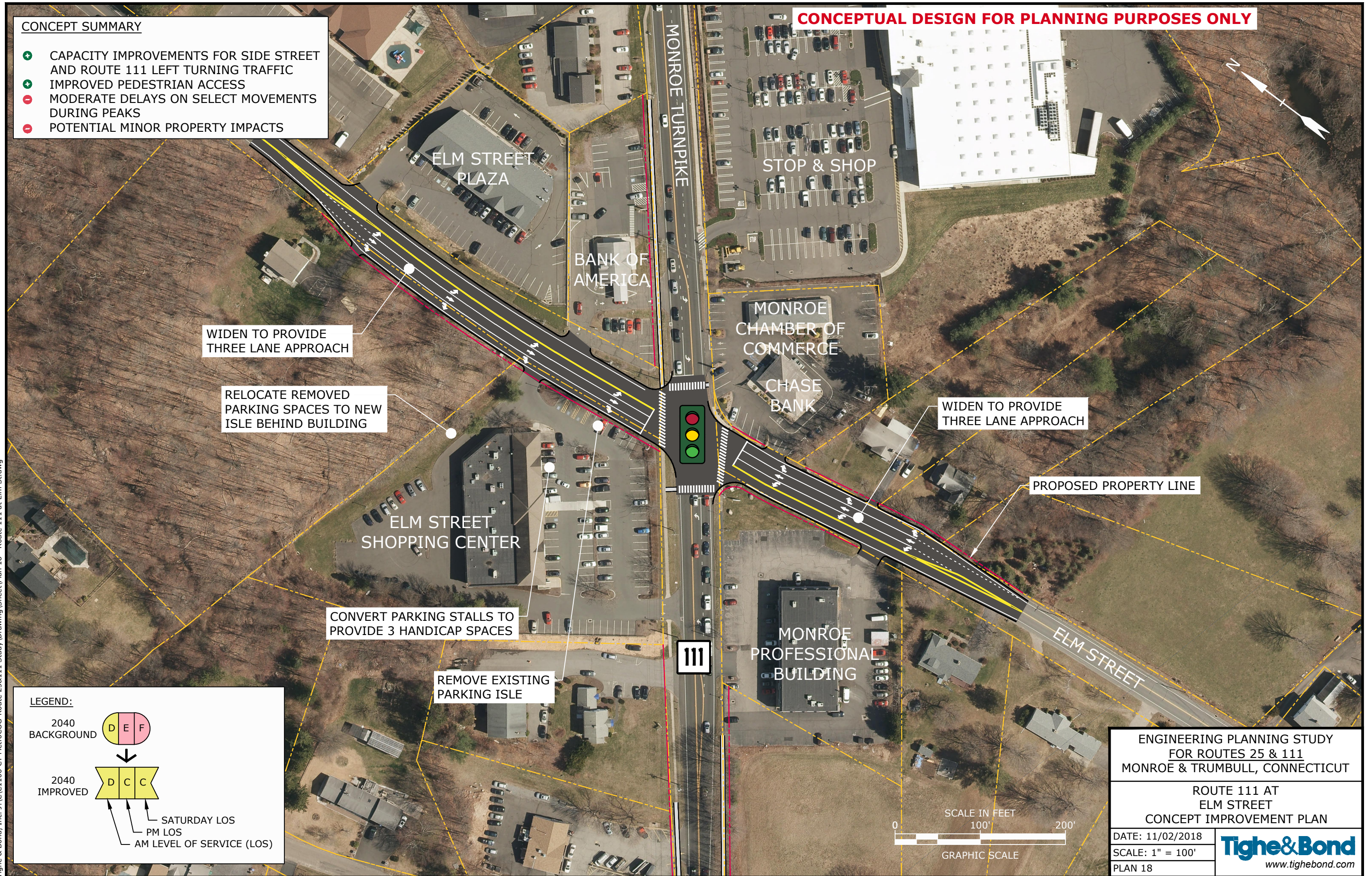
PLAN 17

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CONCEPT SUMMARY

- CAPACITY IMPROVEMENTS FOR SIDE STREET AND ROUTE 111 LEFT TURNING TRAFFIC
- IMPROVED PEDESTRIAN ACCESS
- MODERATE DELAYS ON SELECT MOVEMENTS DURING PEAKS
- POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



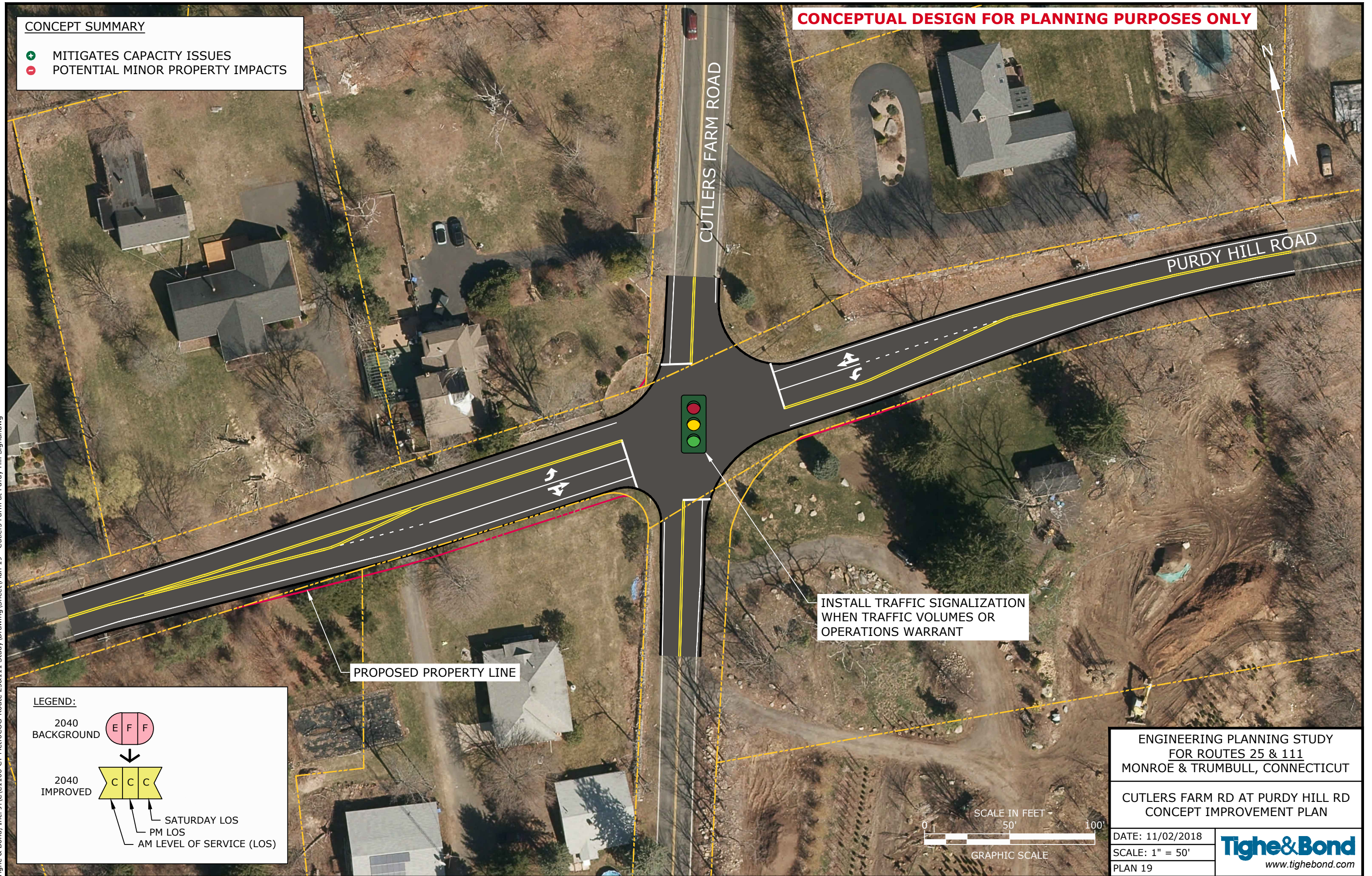


LOCAL ROADWAY CONCEPT IMPROVEMENT PLANS

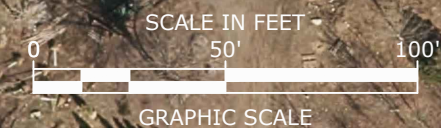
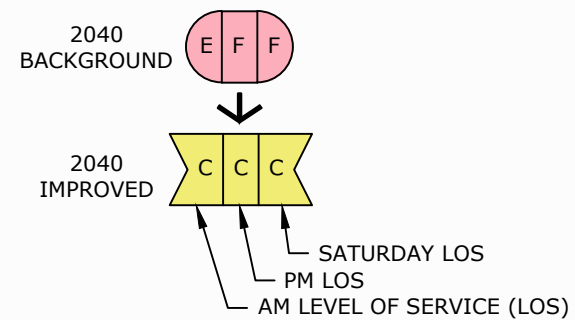
CONCEPT SUMMARY

- ➕ MITIGATES CAPACITY ISSUES
- ➖ POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



LEGEND:



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

CUTLERS FARM RD AT PURDY HILL RD
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 50'

PLAN 19

Tighe&Bond
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CONCEPT SUMMARY

- ➕ IMPROVED SAFETY & OPERATIONS ON SOUTHBOUND APPROACH
- ➖ MINOR DELAY ON WESTBOUND APPROACH DUE TO STOP CONTROL

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

KINGDOM HALL
JEHOVAH'S WITNESSES



TRAFFIC FROM RIGHT
DOES NOT STOP

TRUMBULL
SELF-STORAGE



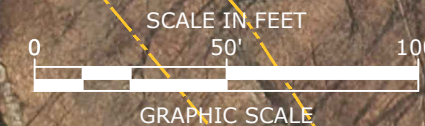
ONCOMING TRAFFIC
DOES NOT STOP



SPRING HILL ROAD

CUTLERS FARM ROAD

ADD STOP SIGN CONTROL
DUE TO RESTRICTED
SIGHT DISTANCE



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

SPRING HILL ROAD AT
CUTLERS FARM ROAD
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 50'

PLAN 20

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CONCEPT SUMMARY

- IMPROVED TRANSFER STATION TRAFFIC OPERATIONS
- IMPROVED PEDESTRIAN & TRANSIT ACCESS
- POTENTIAL WIDENING OF PEQUONNOCK RIVER CULVERT
- POTENTIAL MINOR PROPERTY IMPACTS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

CONSTRUCT DEDICATED TRAIL ADJACENT TO BUS DEPOT DRIVEWAY

INSTALL RIGHT TURN LANES FOR TRANSFER STATION OPERATIONS

PROPOSED PROPERTY LINE

INSTALL LEFT TURN LANE FOR TRANSFER STATION OPERATIONS

MATCH LINE - SEE PLAN 4

PEQUONNOCK RIVER TRAIL

TRUMBULL TRANSFER STATION

SPRING HILL ROAD

TREFOIL DRIVE

SCALE IN FEET
0 100' 200'

GRAPHIC SCALE

ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

SPRING HILL ROAD AT
TRUMBULL TRANSFER STATION
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 100'

PLAN 21

Tighe&Bond
www.tighebond.com

CONCEPT SUMMARY

- LIMITED TRAFFIC EXITING AT SOUTH END
CONFLICTING WITH VICTORIA DRIVE
- IMPROVED INGRESS/EGRESS AT NORTH INTERSECTION
- HIGH DEPARTURE SPEEDS FROM ROUTE 25
SOUTHBOUND MOVEMENTS AT NORTH END

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



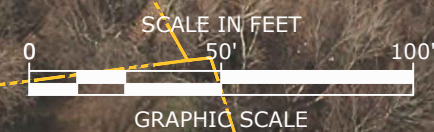
25

RESTRICT TO EXIT ONLY TO FOCUS
EXITING VEHICLES TO NORTH
CRESCENT PLACE INTERSECTION
(SEE PLAN 23)

CRESCENT PLACE

MAIN STREET

LAUREL DRIVE



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT CRESCENT PL. SOUTH END
CONCEPT IMPROVEMENT PLAN

DATE: 11/02/2018

SCALE: 1" = 50'

PLAN 22

Tighe&Bond
www.tighebond.com

CONCEPT SUMMARY

- LIMITED TRAFFIC EXITING AT SOUTH END
CONFLICTING WITH VICTORIA DRIVE
- IMPROVED INGRESS/EGRESS AT NORTH INTERSECTION
- HIGH DEPARTURE SPEEDS FROM ROUTE 25
SOUTHBOUND MOVEMENTS AT NORTH END

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY

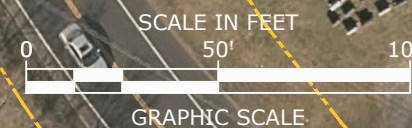
25




REVISE MOVEMENTS TO
REDUCE VEHICLE CONFLICTS

CRESCENT PLACE

MAIN STREET



ENGINEERING PLANNING STUDY FOR ROUTES 25 & 111 MONROE & TRUMBULL, CONNECTICUT	
ROUTE 25 AT CRESCENT PL. NORTH END CONCEPT IMPROVEMENT PLAN	
DATE: 11/02/2018	 www.tighebond.com
SCALE: 1" = 50'	
PLAN 23	

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



STEPNEY
VOLUNTEER
FIRE DEPT.

REVISE TO ONE-WAY TO
REDUCE EXITING VEHICLE
LOCATIONS ON ROUTE 25

MILL STREET

ONE-WAY →

SEVEN MAPLES
GIFTS & GARDEN

MAIN STREET

25

MAPLE STREET



CONCEPT SUMMARY

- ➕ CONSOLIDATE TRAFFIC ACCESSING ROUTE 25 TO SINGLE LOCATION
- ➖ HIGH DEPARTURE SPEED FROM ROUTE 25 SOUTHBOUND ONTO MILL STREET
- ➖ TRAVEL PATTERN MODIFICATIONS FOR COMMERCIAL BUSINESS AND FIRE STATION

ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT MILL STREET
CONCEPT IMPROVEMENT PLAN

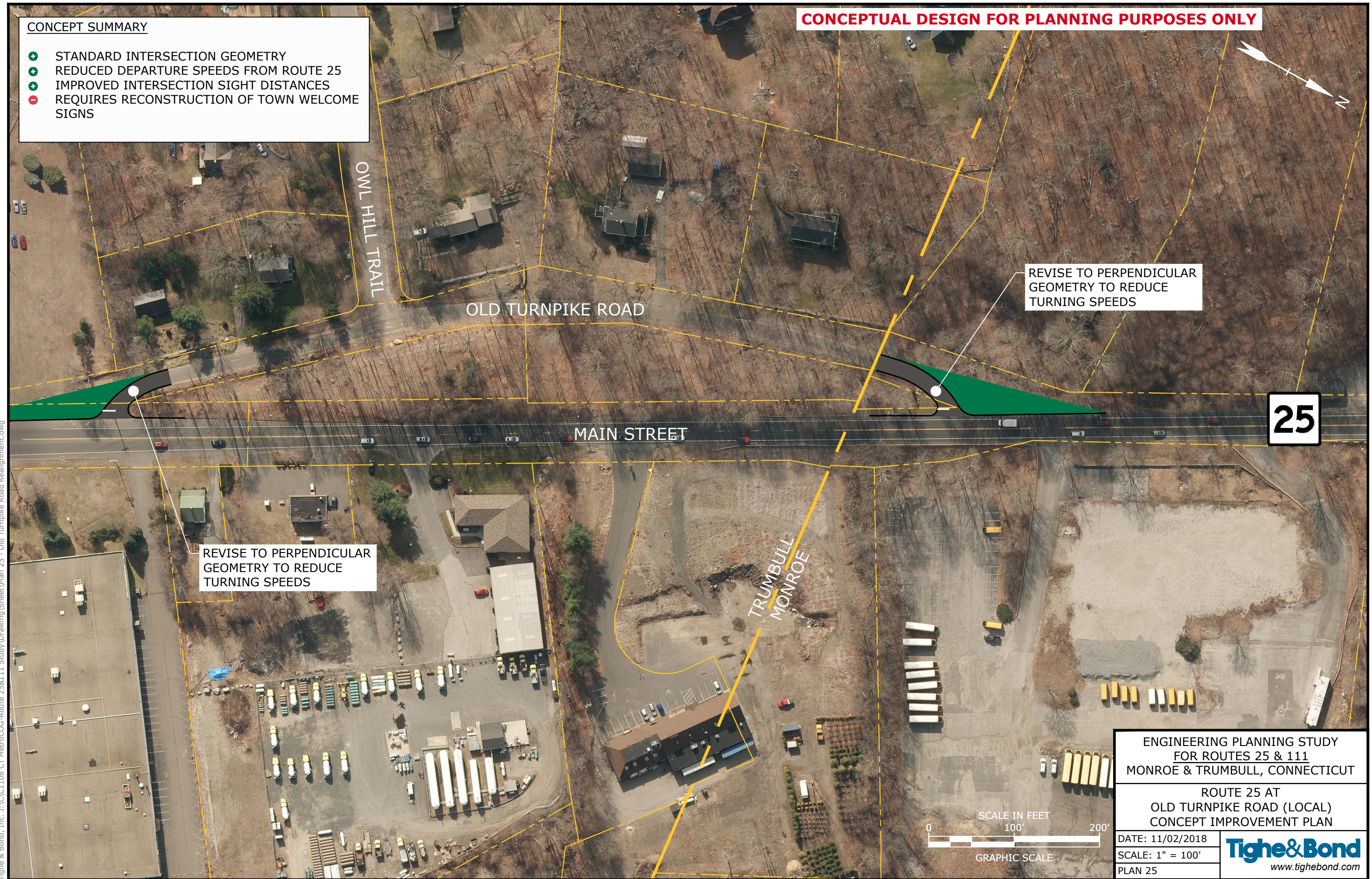
DATE: 11/02/2018
SCALE: 1" = 50'
PLAN 24



CONCEPT SUMMARY

- STANDARD INTERSECTION GEOMETRY
- REDUCED DEPARTURE SPEEDS FROM ROUTE 25
- IMPROVED INTERSECTION SIGHT DISTANCES
- REQUIRES RECONSTRUCTION OF TOWN WELCOME SIGNS

CONCEPTUAL DESIGN FOR PLANNING PURPOSES ONLY



ENGINEERING PLANNING STUDY
FOR ROUTES 25 & 111
MONROE & TRUMBULL, CONNECTICUT

ROUTE 25 AT
OLD TURNPIKE ROAD (LOCAL)
CONCEPT IMPROVEMENT PLAN











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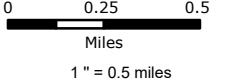
SCALE: 1" = 100'

PLAN 25

Tighe&Bond
www.tighebond.com

LEGEND

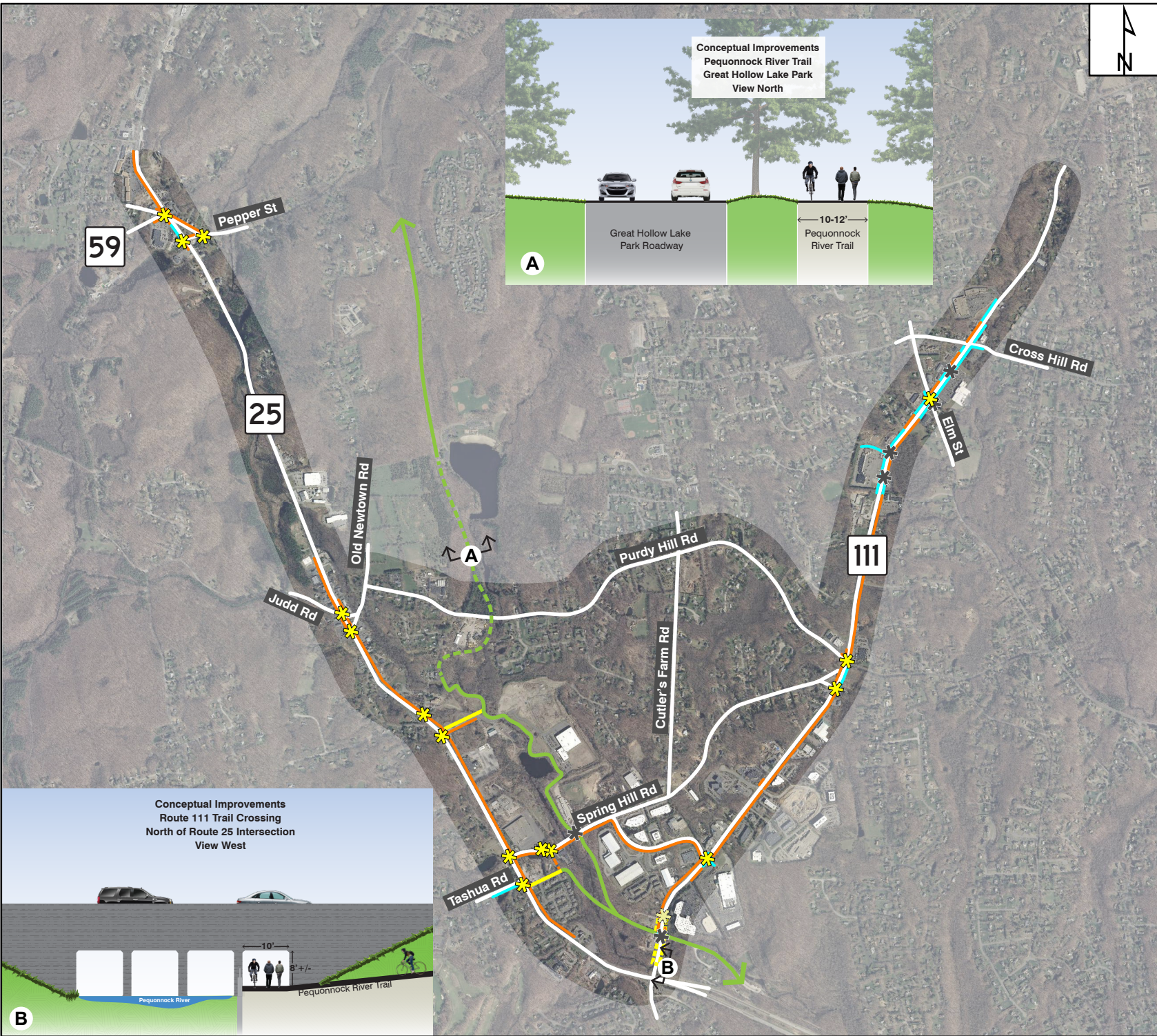
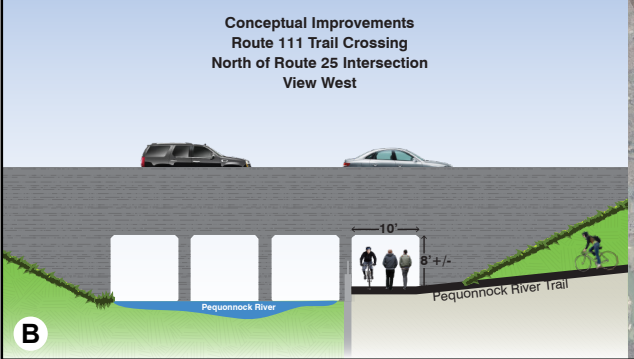
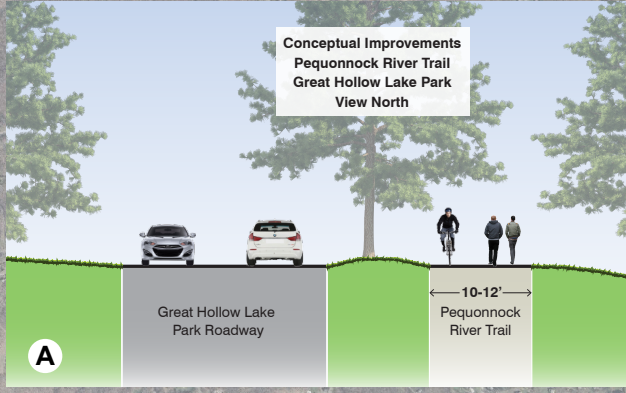
-  **Crosswalk Location**
(Public Roadway Crossings)
-  **Proposed Crosswalk Location** (Public Roadway Crossings)
-  **Proposed Crosswalk Location** (Alternative Roadway Alignment)
-  **Existing Public Sidewalk**
-  **Proposed Public Sidewalk**
-  **Proposed Public Sidewalk** (Alternative Roadway Alignment)
-  **Existing Pequonnock River Trail**
-  **Planned Pequonnock River Trail**
-  **Proposed Pequonnock River Trail Extension**
-  **Proposed Pequonnock River Trail** (Alternative Alignments)

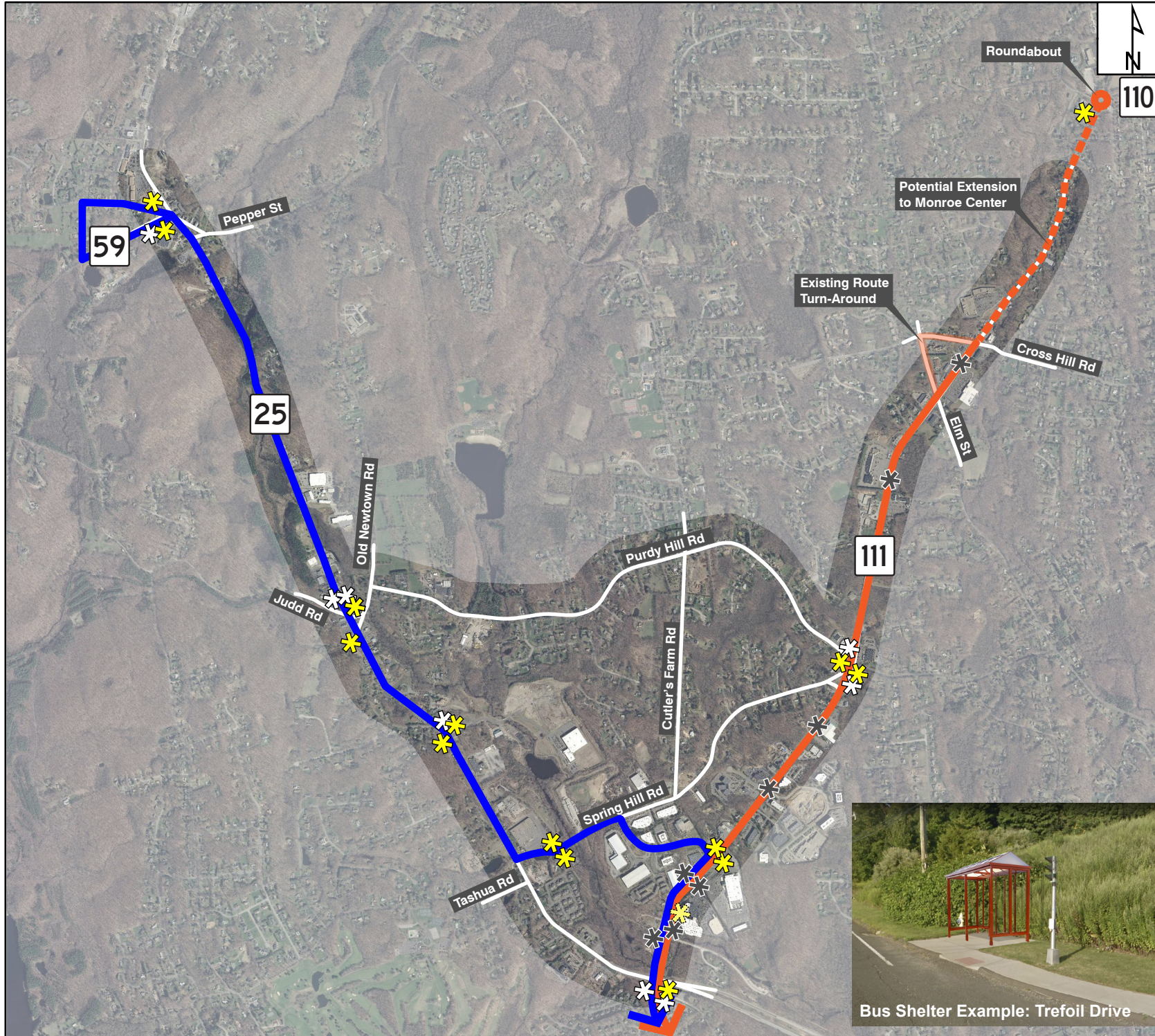


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**PROPOSED & EXISTING
BICYCLE AND
PEDESTRIAN
ACCOMMODATIONS**

PLAN B&P



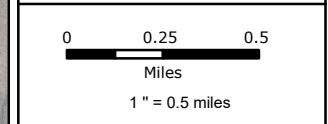


LEGEND

- Existing Bus Stop
- Existing Bus Stop to be Relocated
- Proposed Bus Stop
- GBT Route 20*
- GBT Route 14* & 19x

*Routes 14 and 20 have been suspended as of November 5, 2017. Future service should be considered as funding and ridership allows.

Bus Shelters are recommended at all bus stops where conditions permit.



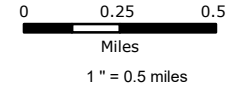
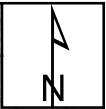
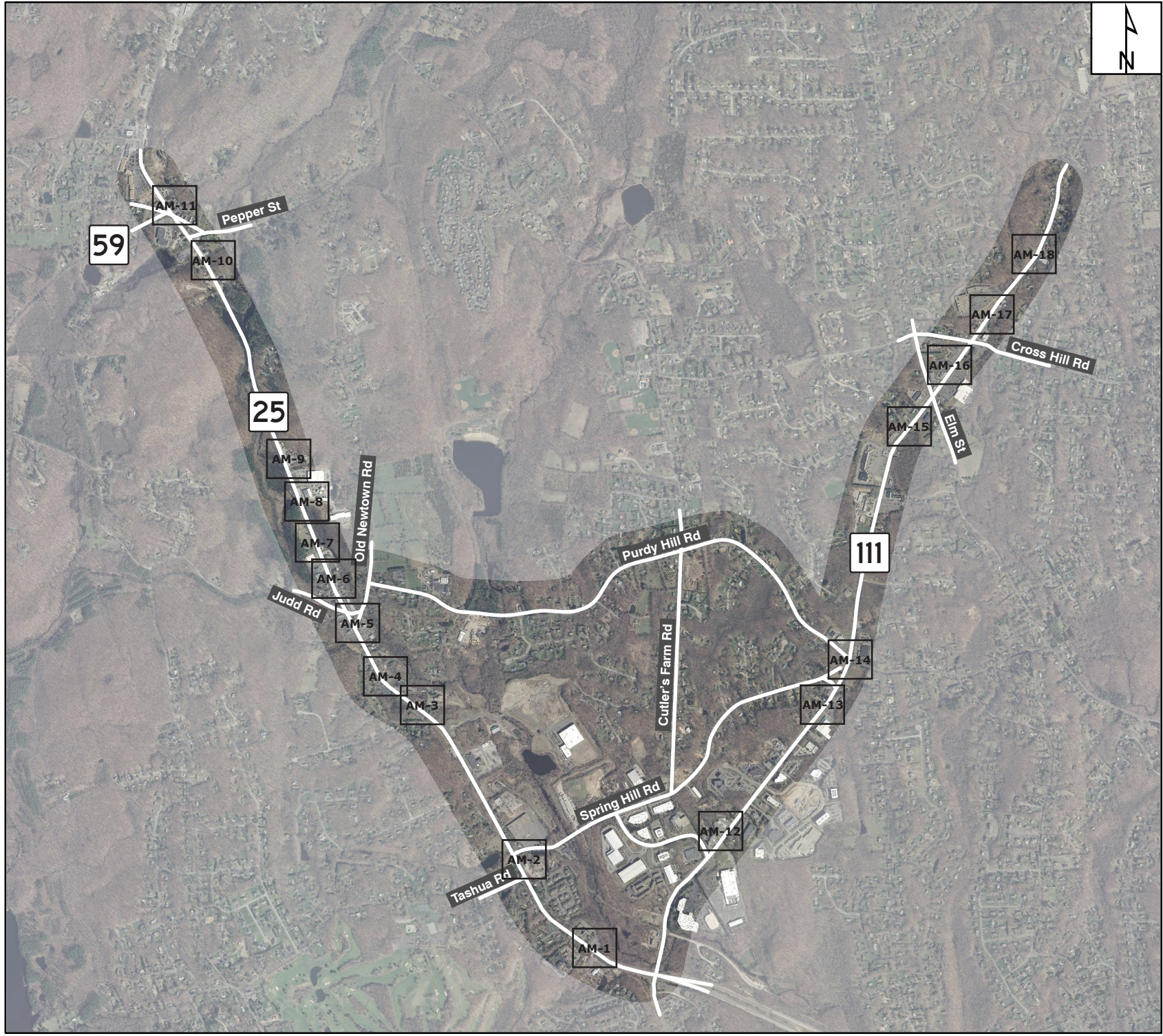
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**TRANSIT
ACCOMMODATIONS**

PLAN T



Bus Shelter Example: Trefoil Drive



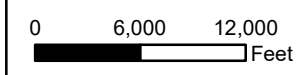
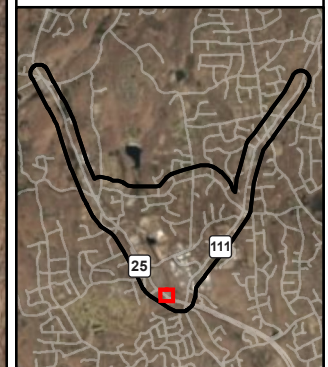
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ACCESS MANAGEMENT

PLAN AM-INDEX



- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area



**Regional Transportation
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ACCESS MANAGEMENT
Route 25 at
Spring Meadows

PLAN AM-1



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area









0 6,000 12,000
Feet

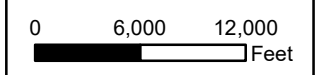
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ACCESS MANAGEMENT
Route 25 at Spring Hill Road
and Tashua Road

PLAN AM-2



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area



**Regional Transportation
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ACCESS MANAGEMENT
Route 25 at Maple Drive

PLAN AM-3



Tighe&Bond
Engineers | Environmental Specialists

Exit Only

Enter Only

New Driveway

Interconnect

Reduce Driveway Width

Close Driveway

Parcels

Study Area

0 6,000 12,000
Feet

Regional Transportation and Development
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ACCESS MANAGEMENT
Route 25 at Crescent Place

PLAN AM-4



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area

0 6,000 12,000 Feet

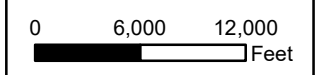
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ACCESS MANAGEMENT
Route 25 at Judd Road and Purdy Hill Road

PLAN AM-5



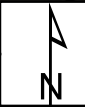
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- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area



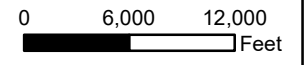
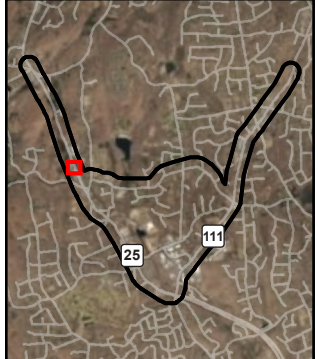
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ACCESS MANAGEMENT
Route 25 north of Judd Road

PLAN AM-6



- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area



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ACCESS MANAGEMENT
Route 25 at
188 Main Street

PLAN AM-7





Engineers | Environmental Specialists

-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area











0 6,000 12,000 Feet

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ACCESS MANAGEMENT
Route 25 at Sippin Energy

PLAN AM-8



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area



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April 2018

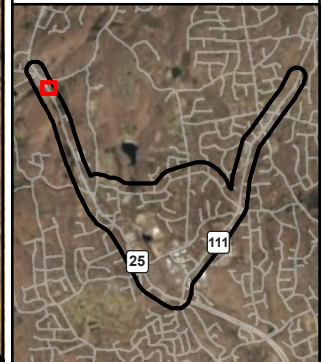
ACCESS MANAGEMENT

Route 25 at Stepney Plaza

PLAN AM-9



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area



0 6,000 12,000
Feet

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ACCESS MANAGEMENT
Route 25 south of
Pepper Street

PLAN AM-10



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area

0 6,000 12,000
Feet

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ACCESS MANAGEMENT
Route 25 at Route 59

PLAN AM-11



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area

0 6,000 12,000 Feet

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ACCESS MANAGEMENT
Route 111 at Trefoil Drive

PLAN AM-12



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area

0 6,000 12,000
Feet

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ACCESS MANAGEMENT
Route 111 at
227 Monroe Turnpike

PLAN AM-13



Tighe&Bond
Engineers | Environmental Specialists

- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area









0 6,000 12,000
Feet

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ACCESS MANAGEMENT
Route 111 at Purdy Hill Road

PLAN AM-14



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area











0 6,000 12,000
Feet

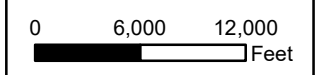
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ACCESS MANAGEMENT
Route 111 at Northwood Road

PLAN AM-15



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area











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ACCESS MANAGEMENT
Route 111 at
Stop n' Shop Plaza

PLAN AM-16



-  Exit Only
-  Enter Only
-  New Driveway
-  Interconnect
-  Reduce Driveway Width
-  Close Driveway
-  Parcels
-  Study Area

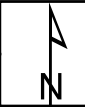


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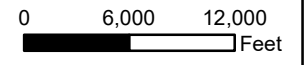
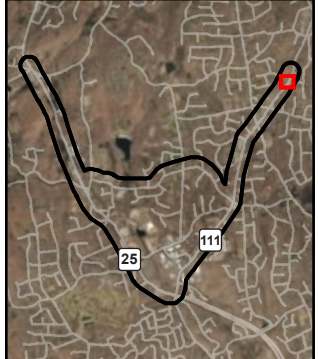
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ACCESS MANAGEMENT
Route 111 at Century Plaza

PLAN AM-17



- Exit Only
- Enter Only
- New Driveway
- Interconnect
- Reduce Driveway Width
- Close Driveway
- Parcels
- Study Area



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ACCESS MANAGEMENT
Route 111 at
588 Monroe Turnpike