



DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

GOOD EVENING  
AND  
WELCOME





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

# TILL-BIRCHWOOD RECONSTRUCTION

INFORMATIONAL NEIGHBORHOOD  
MEETING

ENFIELD TOWN HALL  
COUNCIL CHAMBERS  
WEDNESDAY, JULY 31, 2019





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

# DISCUSSION TOPICS

1. TOWN OF ENFIELD MANAGEMENT TEAM
2. DESCRIPTION OF PROJECT
3. WHAT TO EXPECT
4. PRIVATE DRAINAGE CONNECTIONS, SPRINKLER SYSTEMS,  
MAILBOXES AND BITUMINOUS CURBING
5. SCHEDULE FOR 2019
6. CLOSING COMMENTS AND QUESTIONS





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# TOWN OF ENFIELD MANAGEMENT TEAM

DONALD T. NUNES, MLA, DIRECTOR OF PUBLIC WORKS

JOHN CABIBBO, P.E., ASSISTANT TOWN ENGINEER

J.P. RODRIGUEZ, MBA, ROADS ENGINEER





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# TOWN OF ENFIELD CONSTRUCTION INSPECTOR

**AECOM**

JEFFREY KEEFE, P.E. – PROJECT MANAGER  
BRUCE MARTIN – CONSTRUCTION INSPECTOR





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# TOWN OF ENFIELD CONSTRUCTION COMPANY



JOSEPH CARON – PROJECT MANAGER

PAUL PIMENTEL - SUPERINTENDENT





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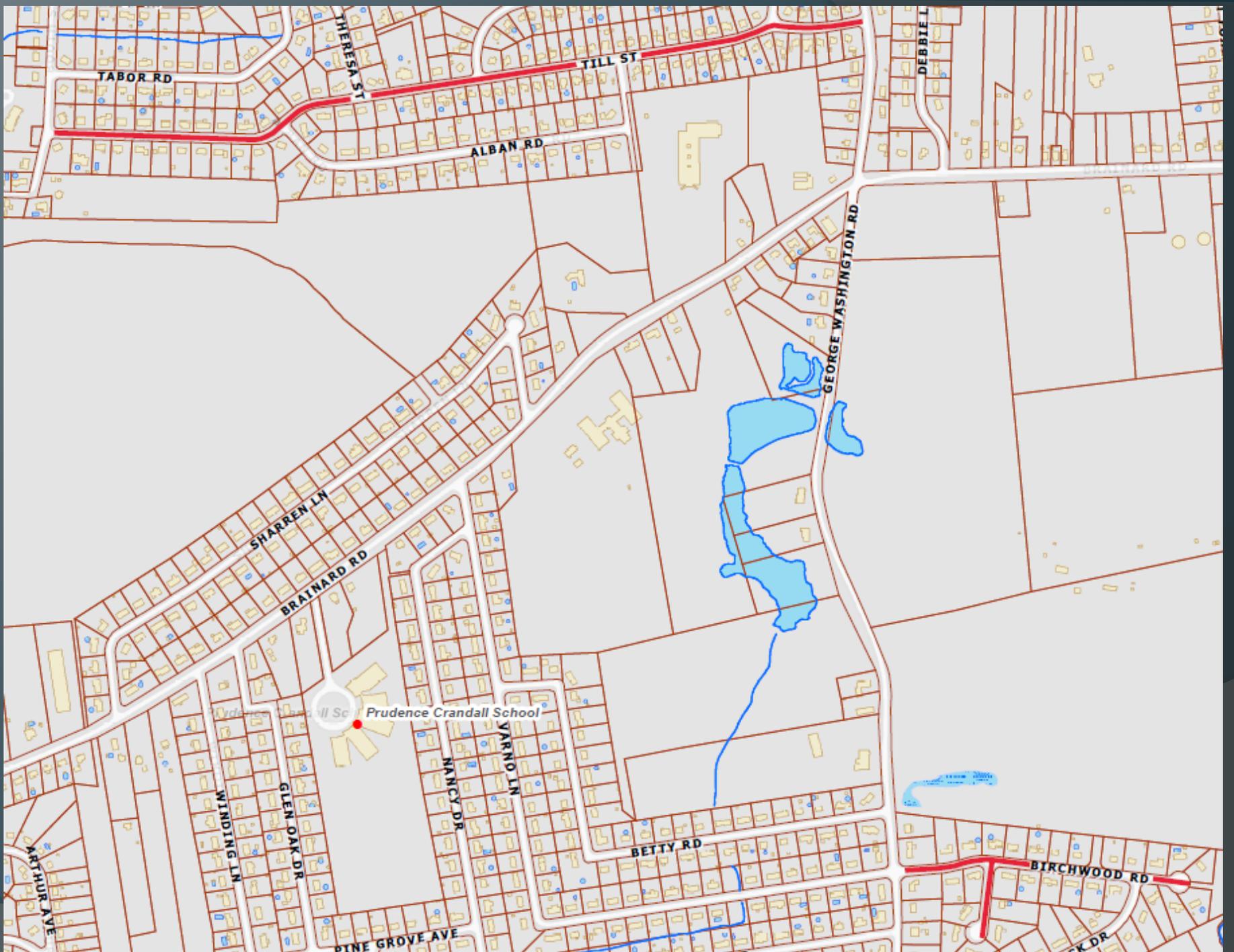
# DESCRIPTION OF PROJECT

As part of the continual efforts of the Town Council, Town Manager and Department of Public Works to upgrade Enfield's roadway system, in conjunction with the ROADS 2015 Referendum, the Engineering Office issued construction plans and specifications for the full-depth reconstruction of:

- Birchwood Road: 1,480'
- Birchwood Terrace: 418'
- Till Street: 4,155'

Total of 6,052' of new road.





TABOR RD

THERESA ST

TILL ST

ALBAN RD

DEBBIE L

GEORGE WASHINGTON RD

SHARREN LN

BRAINARD RD

Prudence Crandall School

VARNO LN

NANCY DR

BETTY RD

BIRCHWOOD RD

WINDING LN

GLEN OAK DR

PINE GROVE AVE

ARTHUR AVE

CK DR



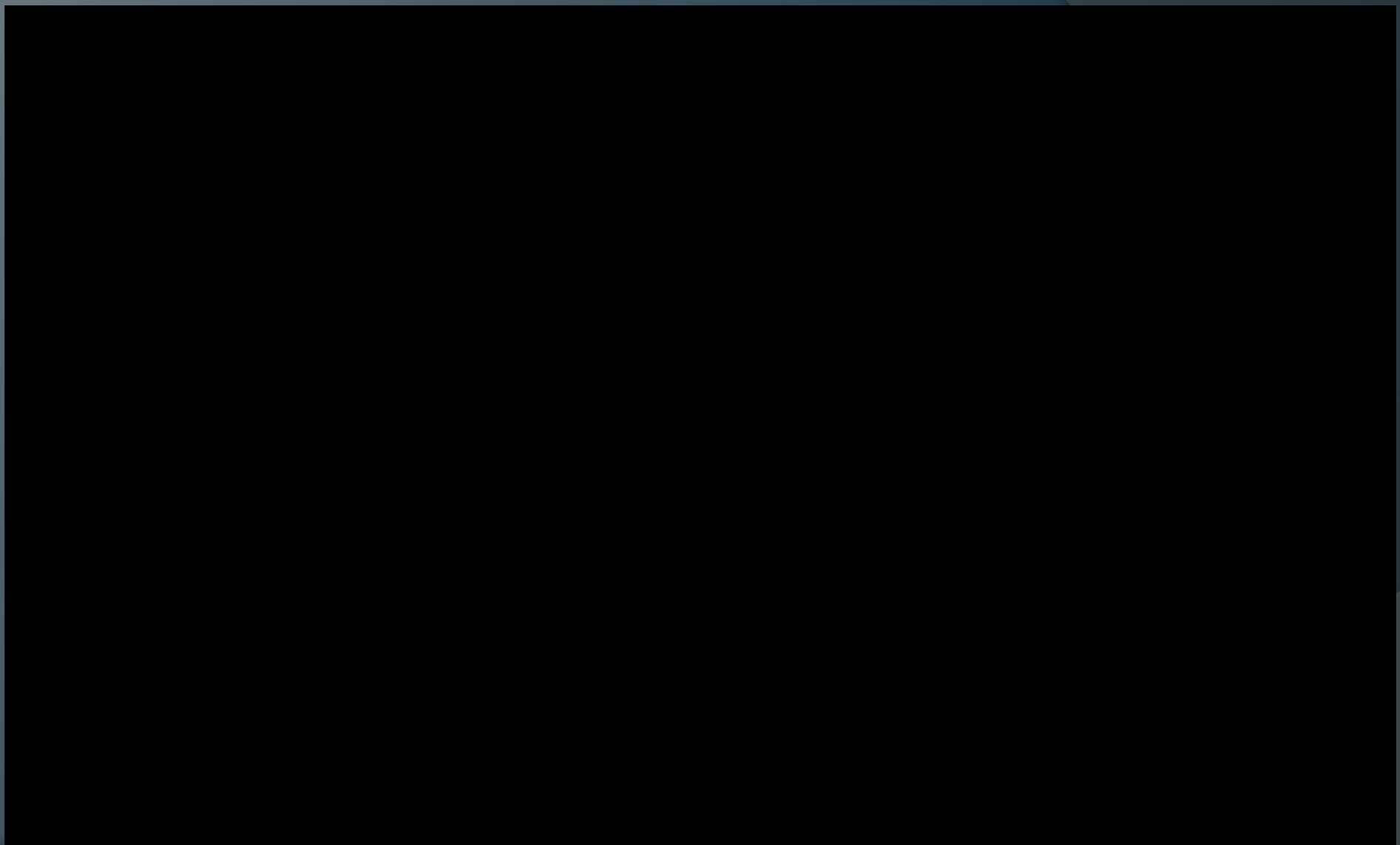
# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## ***WHAT IS FULL-DEPTH RECLAMATION?***

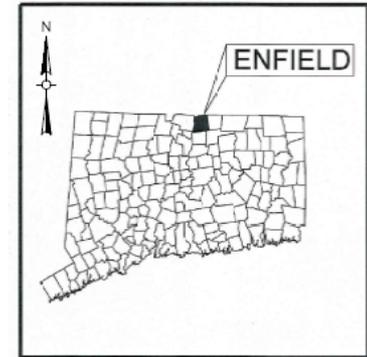
- Asphalt pavement recycling process
  - Economical, in-place recycling alternative to road reconstruction
  - Uses a powerful machine to turn asphalt pavement into road base
  - Uniformly pulverizes the old pavement and blends it with underlying material
  - Utilizes stabilization agents to enhance the strength of the new base
  - Saves \$ and resources by using existing materials.
  - All full-depth reclamation material will be used on-site



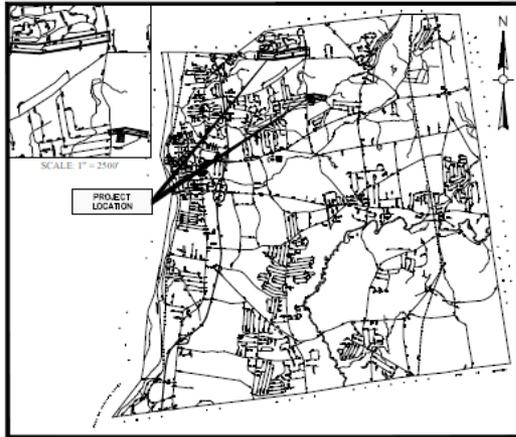
# FULL DEPTH RECLAMATION



# TOWN OF ENFIELD, CT TILL - BIRCHWOOD RECONSTRUCTION CONTRACT #19-4



NOT TO SCALE



SCALE: 1" = 5000'

**CONTENTS**

SHEET NO.	SHEET NAME	SHEET TITLE
1	GEN-1	INDEX PLANS, LEGENDS, AND NOTES
2	EST-1	DETAILED ESTIMATE SHEET
3-4	BOR-1 TO BOR-2	BORING LOGS
5	TYP-1	TYPICAL SECTIONS
6	DET-1	MISC. DETAILS - CB TOPS, FRAME, GRATE, DRAIN MARKER
7	DET-2	MISC. DETAILS - PRECAST CONCRETE TYPE "C" CB, MANHOLE
8	DET-3	MISC. DETAILS - OFFSET CB, STORM DRAIN TRENCH, SEWER LATERAL, CB TRAP
9	DET-4	MISC. DETAILS - PRECAST CONCRETE TYPE 'C' DOUBLE GRATE TYPE II CB
10	DET-5	MISC. DETAILS - EROSION CONTROL
11	DET-6	MISC. DETAILS - CURB, DRIVEWAY APRONS, PAVEMENT MARKINGS
12	DET-7	MISC. DETAILS - SIGNS - PLACEMENT, SUPPORT, AND INSTALLATION
13	DET-8	MISC. DETAILS - CONSTRUCTION SIGN SUPPORTS & CHANNELIZING DEVICES
14	DET-9	MISC. DETAILS - PAVEMENT MARKINGS & SIDEWALK RAMPS
15-17	GRD-1 - GRD-3	INTERSECTION GRADING PLANS
18	HWY-1	ROADWAY PLAN AND PROFILE - BIRCHWOOD ROAD STA 0+15 TO STA 10+00
19	HWY-2	ROADWAY PLAN AND PROFILE - BIRCHWOOD ROAD STA 10+00 TO STA 14+79
20	HWY-3	ROADWAY PLAN AND PROFILE - BIRCHWOOD TERRACE STA 100+00 TO STA 104+22
21	HWY-4	ROADWAY PLAN AND PROFILE - TILL STREET STA 200+17 TO STA 210+00
22	HWY-5	ROADWAY PLAN AND PROFILE - TILL STREET STA 210+00 TO STA 221+50
23	HWY-6	ROADWAY PLAN AND PROFILE - TILL STREET STA 221+50 TO STA 233+00
24	HWY-7	ROADWAY PLAN AND PROFILE - TILL STREET STA 233+00 TO STA 241+35



**CHRISTOPHER W. BROMSON**  
ACTING TOWN MANAGER

**MICHAEL S. LUDWICK**  
MAYOR

**DONALD T. NUNES, MLA**  
DIRECTOR OF PUBLIC WORKS

BIRCHWOOD ROAD (STA: 0+15 TO 14+79)  
BIRCHWOOD TERRACE (STA: 100+00 TO 104+22)  
TILL STREET (STA: 200+17 TO 241+35)

2016 CONNECTICUT DEPARTMENT OF  
TRANSPORTATION SPECIFICATIONS FORM 817  
AND SUPPLEMENTAL SPECIFICATIONS

SURVEY INFORMATION DERIVED FROM:  
WESTON & SAMPSON LAND SURVEYORS, INC

VERTICAL DATUM - NAVD88  
HORIZONTAL DATUM - NAD83

DESIGNED BY:  
WESTON & SAMPSON ENGINEERS, INC.  
273 DIVIDEND ROAD  
ROCKY HILL, CT 06067



CT. LIC. NO. 12856

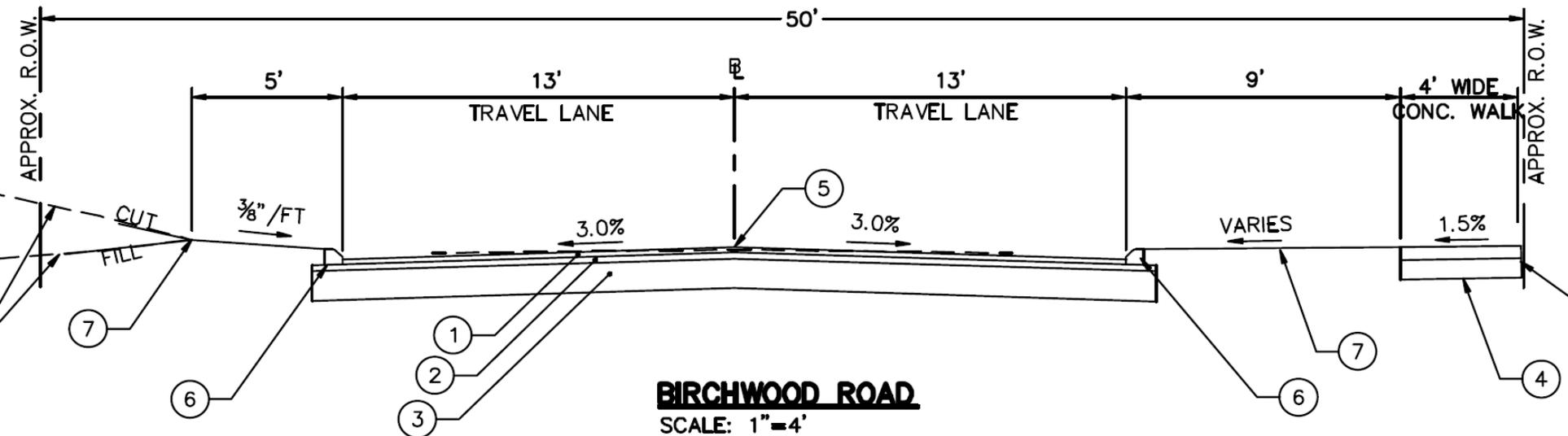
MARCH 15, 2019

**Weston & Sampson**

273 Dividend Road, Rocky Hill, CT 06067  
860.513.1473 800.SAMPSON

# TYPICAL SECTION – BIRCHWOOD ROAD

12" RECLAIMED BASE, 26' ROAD WIDTH, DRAINAGE IMPROVEMENTS, NEW CURBING & NEW CONCRETE SIDEWALKS ON SOUTH SIDE

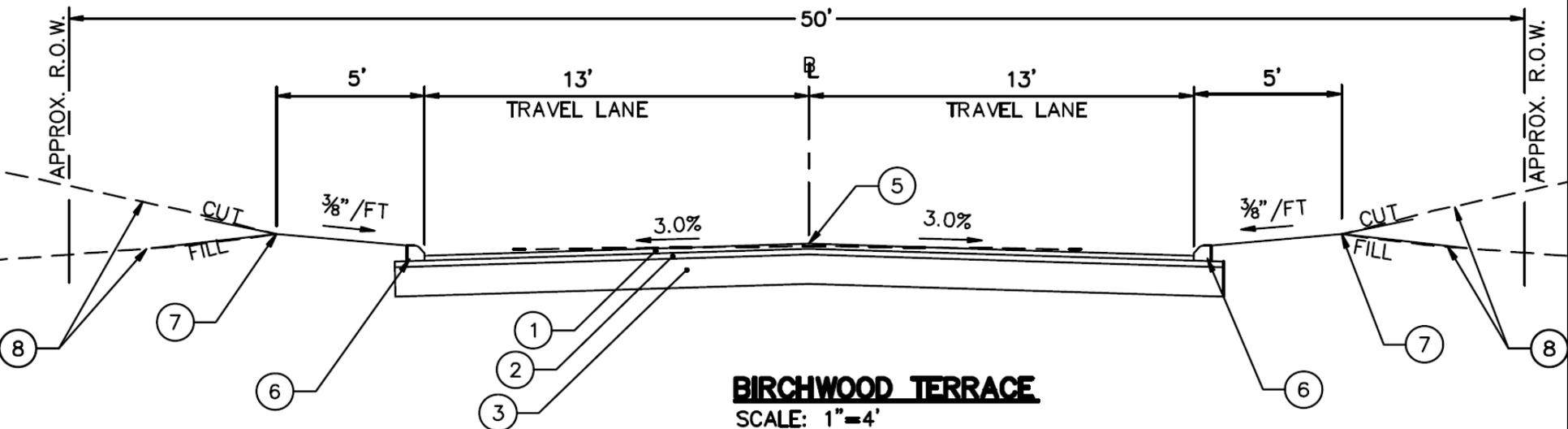


## LEGEND

- ① – 1 1/2" HMA S0.375
- ② – 2 1/2" HMA S0.5
- ③ – 12" COLD RECLAIMED ASPHALT BASE
- ④ – CONCRETE SIDEWALK
- ⑤ – POINT OF APPLICATION OF GRADE
- ⑥ – BITUMINOUS CONCRETE LIP CURB
- ⑦ – 4" TOPSOIL AND TURF ESTABLISHMENT
- ⑧ – EXISTING GRADE

# TYPICAL SECTION – BIRCHWOOD TERRACE

12" RECLAIMED BASE, 26' ROAD WIDTH, NEW CURBING & DRAINAGE IMPROVEMENTS

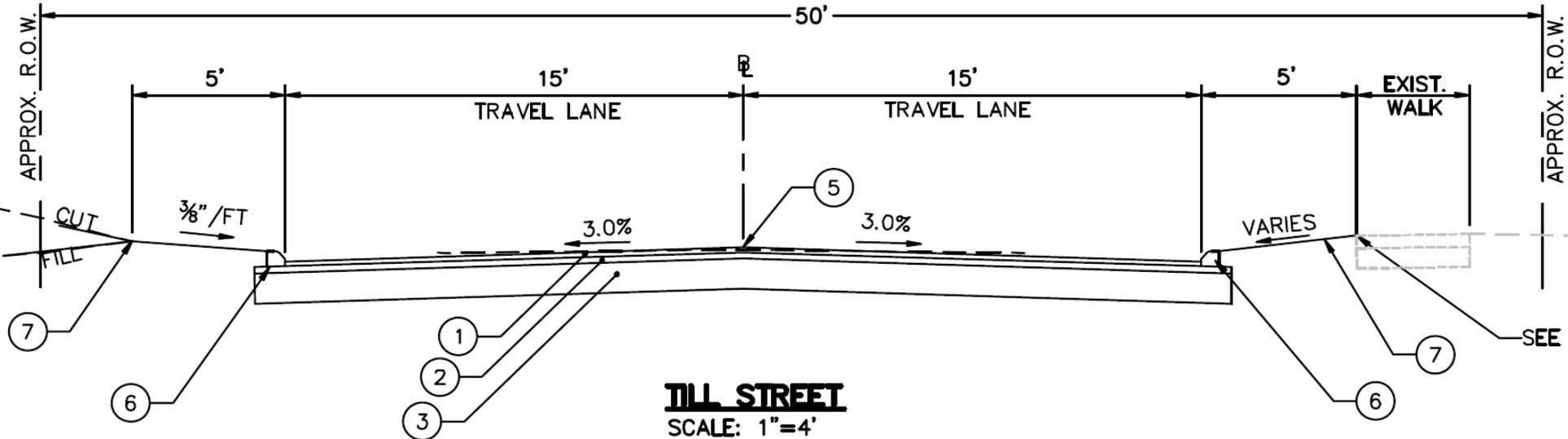


## LEGEND

- ① – 1 1/2" HMA S0.375 (TRAFFIC LEVEL 2)
- ② – 2 1/2" HMA S0.5 (TRAFFIC LEVEL 2)
- ③ – 12" COLD RECLAIMED ASPHALT BASE
- ④ – SIDEWALK
- ⑤ – POINT OF APPLICATION OF GRADE
- ⑥ – BITUMINOUS CONCRETE PARK CURB
- ⑦ – 4" TOPSOIL AND TURF ESTABLISHMENT
- ⑧ – EXISTING GRADE

# TYPICAL SECTION – TILL STREET

12" RECLAIMED BASE, 30' ROAD WIDTH, NEW CURBING & DRAINAGE IMPROVEMENTS



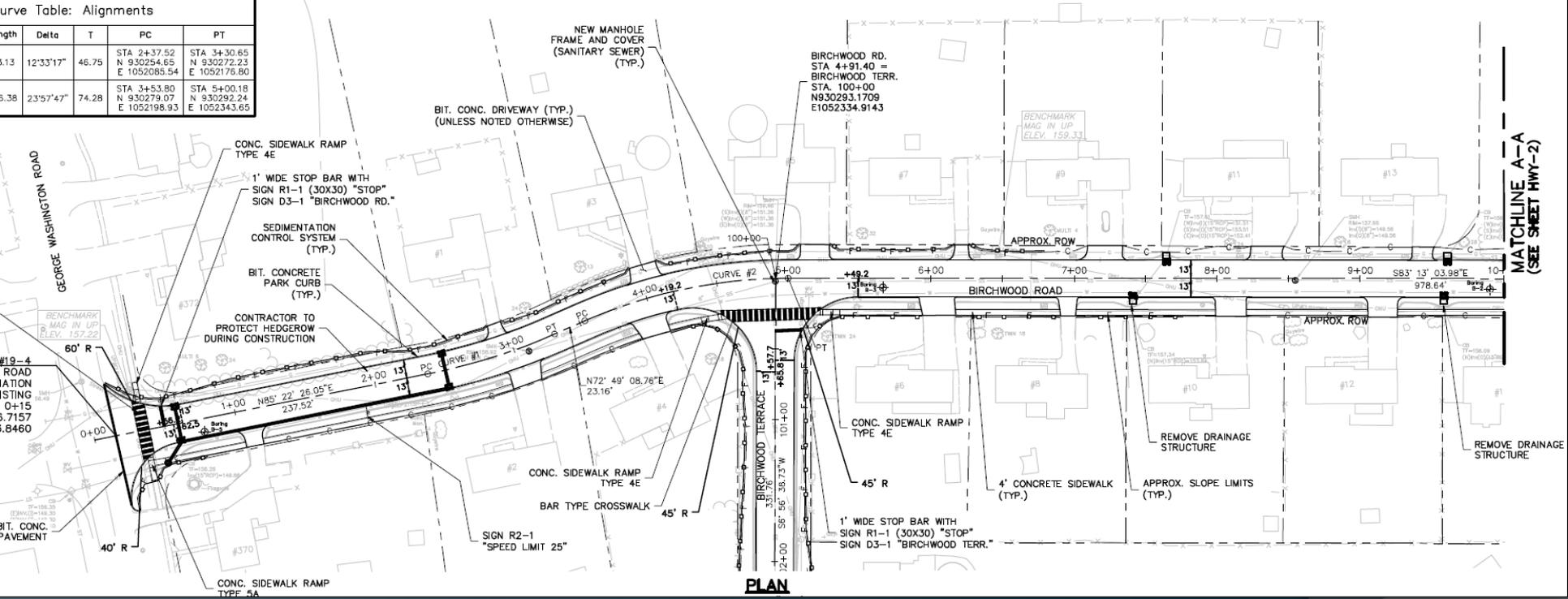
## LEGEND

- (1) – 1 1/2" HMA S0.375 (TRAFFIC LEVEL 2)
- (2) – 2 1/2" HMA S0.5 (TRAFFIC LEVEL 2)
- (3) – 12" COLD RECLAIMED ASPHALT BASE
- (4) – SIDEWALK
- (5) – POINT OF APPLICATION OF GRADE
- (6) – BITUMINOUS CONCRETE PARK CURB
- (7) – 4" TOPSOIL AND TURF ESTABLISHMENT
- (8) – EXISTING GRADE

# PLAN VIEW – BIRCHWOOD ROAD

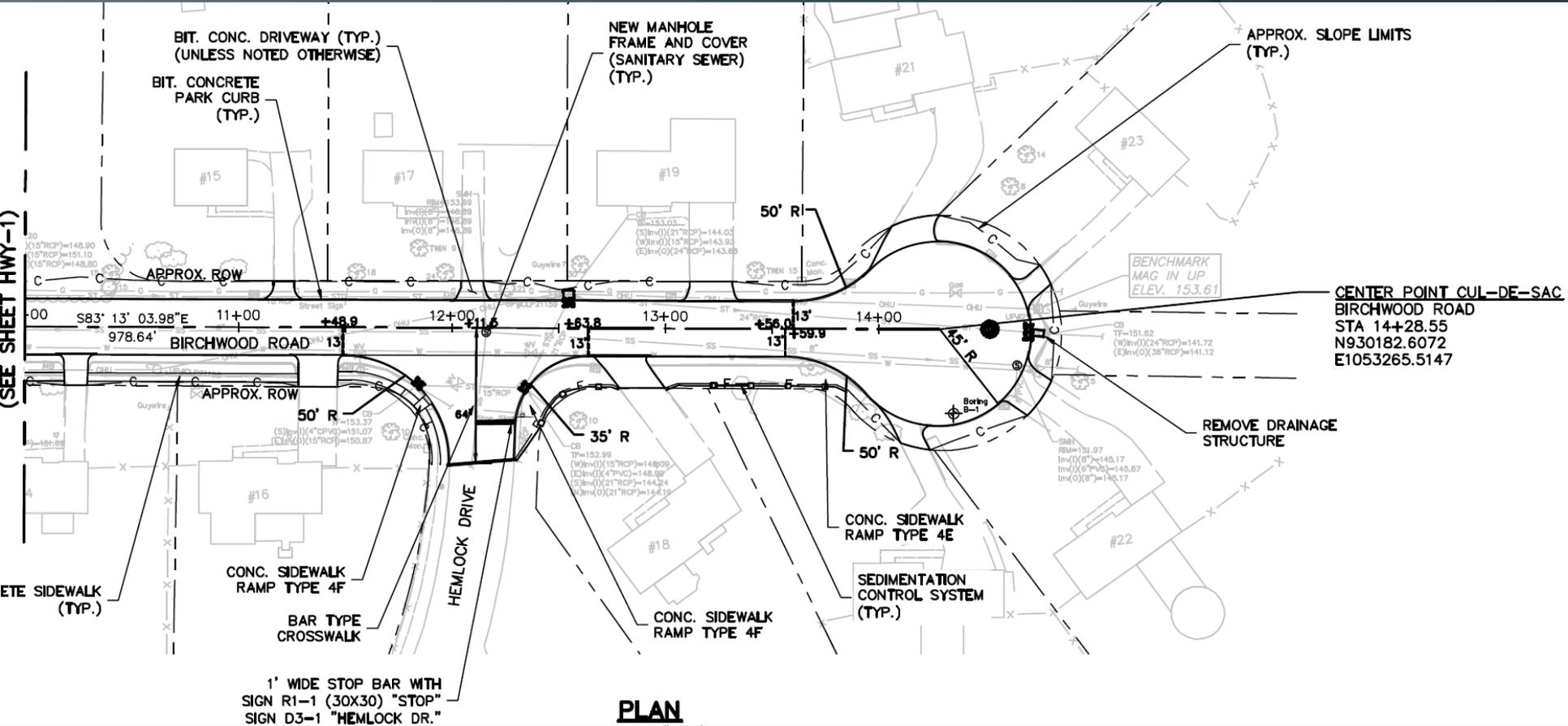
Curve Table: Alignments

Length	Delta	T	PC	PT
15.13	12°33'17"	46.75	STA 2+37.52 N 930254.65 E 1052085.54	STA 3+30.65 N 930272.23 E 1052176.80
15.38	23°57'47"	74.28	STA 3+53.80 N 930279.07 E 1052198.93	STA 5+00.18 N 930292.24 E 1052343.65



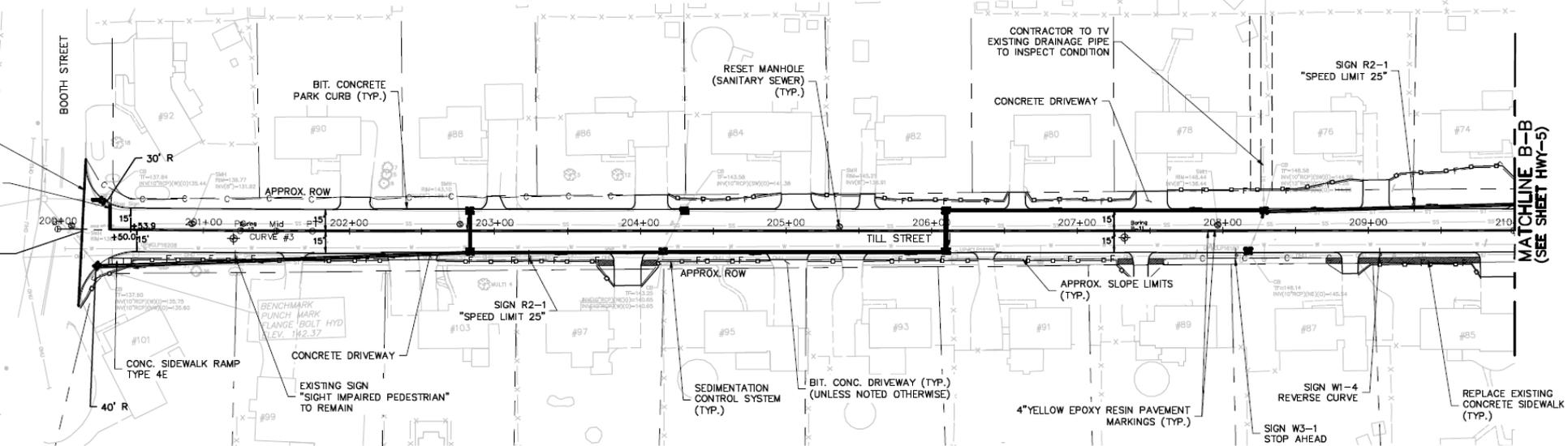
PLAN

# PLAN VIEW – BIRCHWOOD ROAD



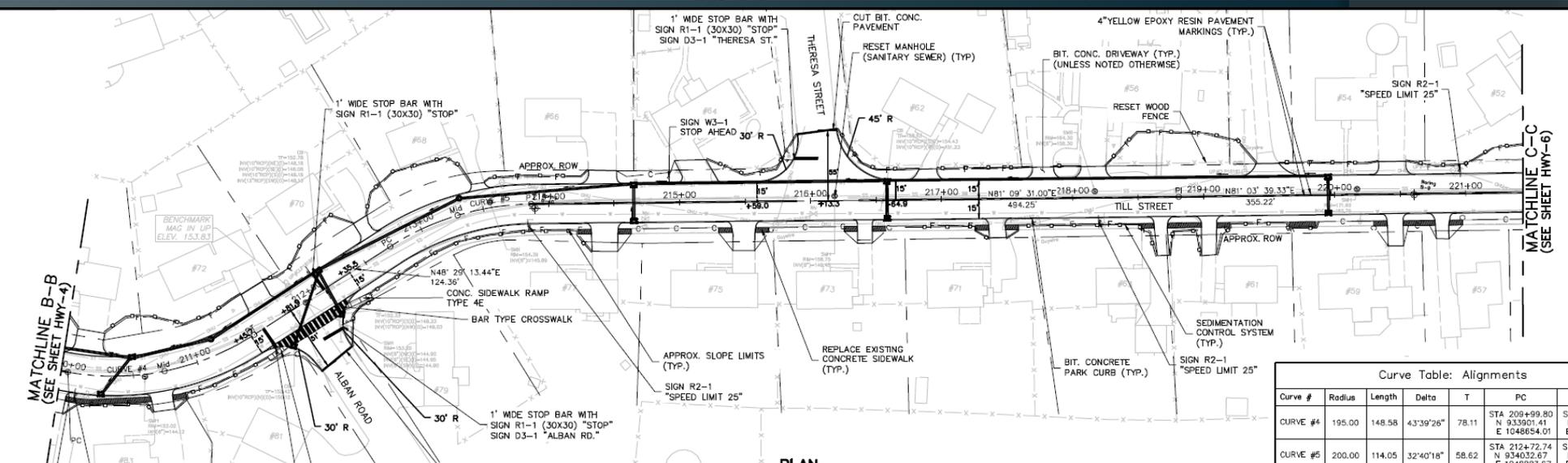


# PLAN VIEW – TILL STREET



**PLAN**

Curve Table: Alignments

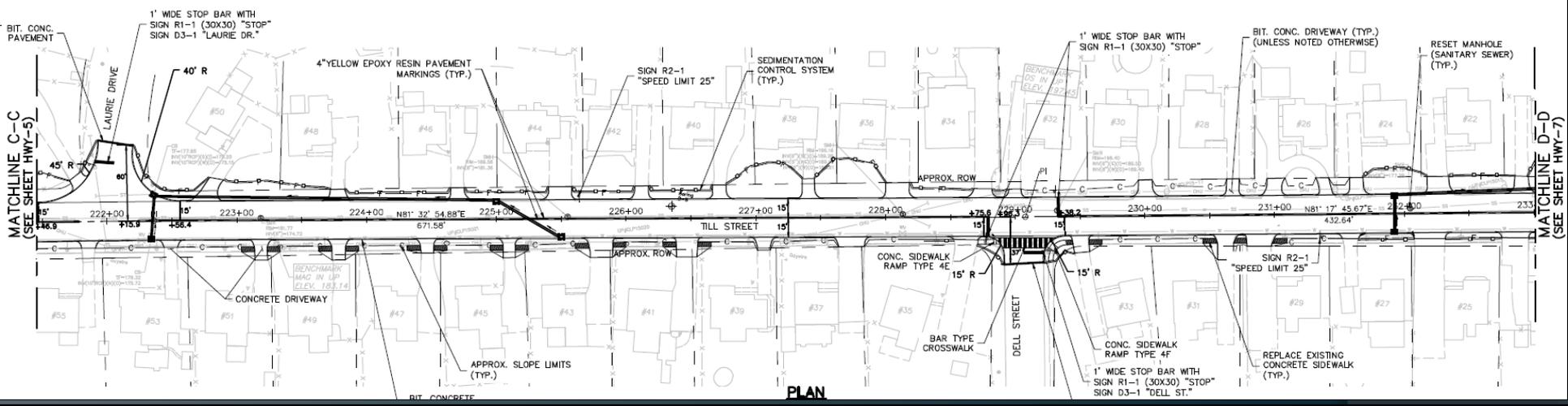


**PLAN**

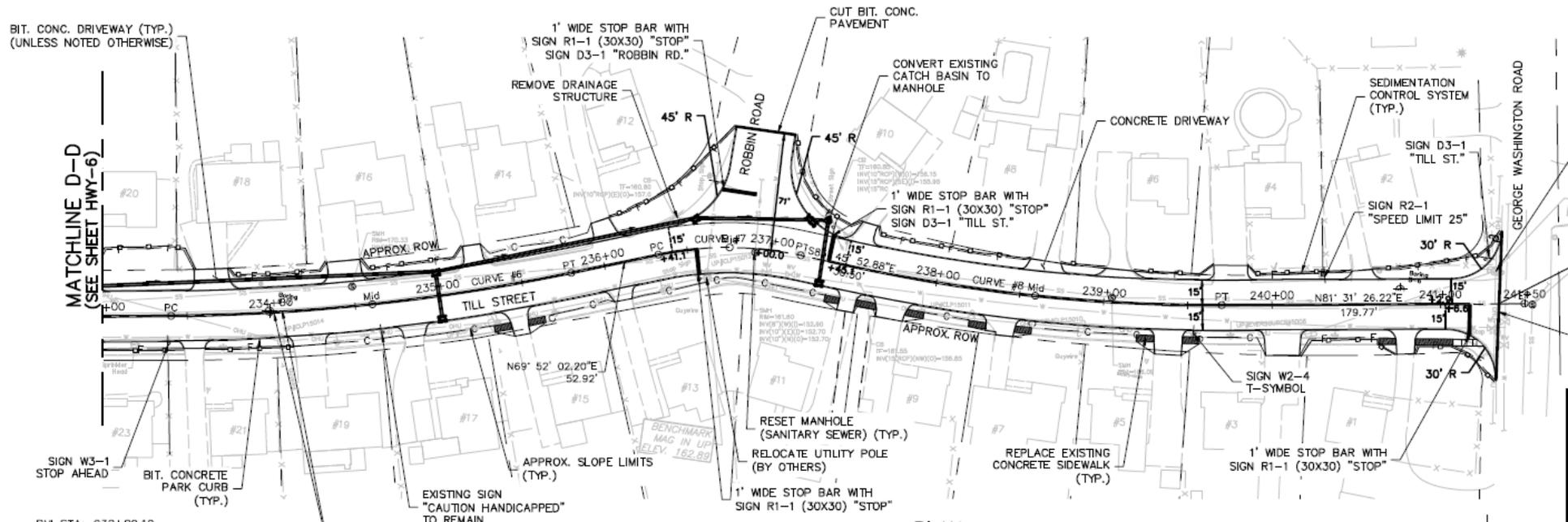
Curve Table: Alignments

Curve #	Radius	Length	Delta	T	PC	STATIONING
CURVE #4	105.00	148.58	43°39'26"	78.11	STA 209+99.80 N 933901.41 E 1046854.01	S
CURVE #5	200.00	114.05	32°40'18"	58.62	STA 212-72.74 N 934032.67 E 1048983.67	S

# PLAN VIEW – TILL STREET



PLAN



PLAN

PVI STA: 232+89.12  
PVI ELEV: 178.98

FND CONTRACT #19-4



DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

# WHAT TO EXPECT





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## PAVEMENT MARKINGS

ALWAYS  
CALL  
BEFORE YOU  
DIG



White	Proposed excavation
Pink	Temporary survey markings
Red	Electric power lines, cables, conduits and lighting cables
Yellow	Gas, oil, steam, petroleum or gaseous materials
Orange	Communication, alarm or signal lines, cables or conduits and traffic loops
Blue	Potable water
Purple	Reclaimed water, irrigation and slurry lines
Green	Sewer and drain lines



# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## *SURVEY MARKINGS*





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## *BARRICADES*





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT MACHINERY



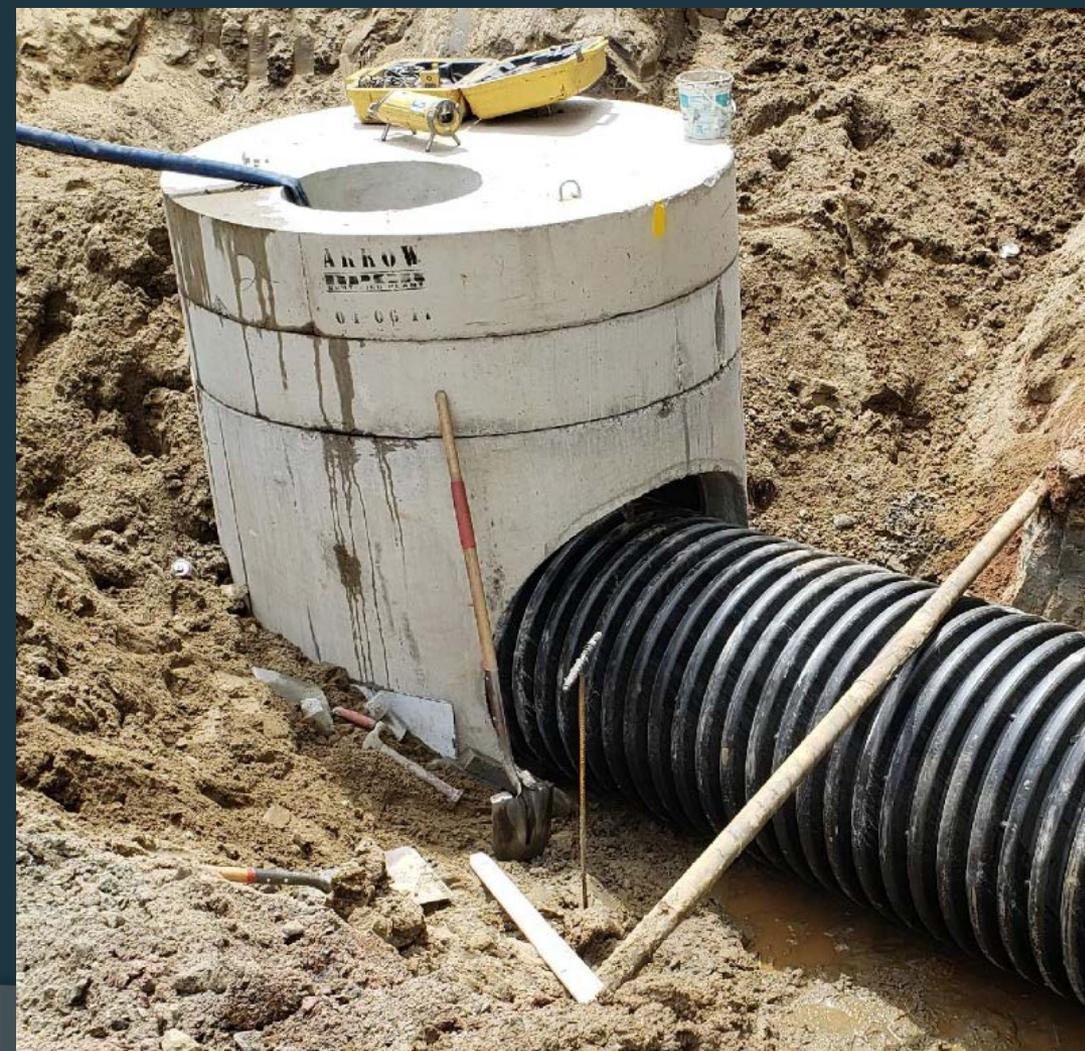


# TILL-BIRCHWOOD RECONSTRUCTION PROJECT MACHINERY





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT DRAINAGE MANHOLES AND PIPES





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## ACCESS TO YOUR PROPERTY

ALL RESIDENTS WILL BE ALLOWED REASONABLE ACCESS TO AND FROM THEIR PROPERTY DURING THE DAY.

IF THERE ARE SPECIAL CIRCUMSTANCES AND/OR YOU NEED TO LEAVE AT CERTAIN TIMES OF THE DAY, PLEASE CONTACT OUR INSPECTOR SO HE CAN COORDINATE ACTIVITIES WITH THE CONTRACTOR.

ALL RECYCLING/REFUSE ACTIVITIES WILL CONTINUE AS SCHEDULED BUT MAY START EARLIER THAN NORMAL TO AVOID CONFLICTS BETWEEN OUR TRUCKS & THE CONTRACTOR. IN ANY CASE, PICKUPS WILL NOT COMMENCE BEFORE 6 A.M AND ONLY IF NECESSARY AND ONLY FOR LIMITED TIME.

ALL BUS PICKUP AND DROPOFF WILL CONTINUE AS SCHEDULED.





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## RIGHTS OF ENTRY

I, John Smith, owner of the property known as lot 123 of assessors map 456 also known as 789 Main Street in the Town of Enfield, grant the Town of Enfield through their agents and contractors, the right to access and enter into and upon said property to remove, re-grade and replace a portion of the driveway apron to match the grade of the newly reconstructed road edge.

This right to enter is given subject to the following conditions:

- A. The Town shall save the owner harmless from any and all claims for damages arising during the work.
- B. The Town shall loam, seed, fertilize and mulch all areas of the property disturbed or damaged during this work, at no cost to the owner.
- C. After the aforementioned work has been completed, the owner shall save the Town of Enfield harmless from any claims for damages.

Signed: \_\_\_\_\_

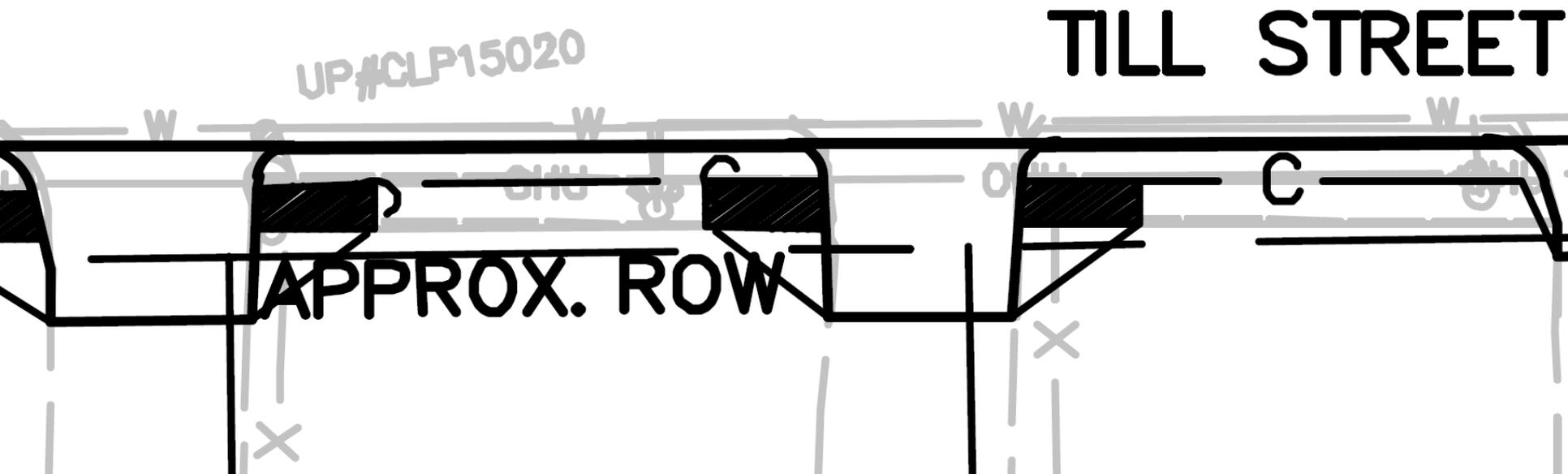
Dated: \_\_\_\_\_





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## RIGHTS OF ENTRY





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## RIGHTS OF ENTRY

PLEASE SEE ME AFTER THE MEETING, \

TILL STREET, HOUSE #s:

*15, 24, 33, 40, 41, 43, 45, 49, 52, 59, 63, 64, 73 & 83.*

THANK YOU !





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

PRIVATE DRAINAGE  
CONNECTIONS,  
SPRINKLER SYSTEMS,  
MAILBOXES,  
&  
ASPHALT CURBING





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## PRIVATE DRAINAGE CONNECTIONS





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## PRIVATE DRAINAGE CONNECTIONS

If you AGREE to connect.....

- A recordable right of entry and/or documentation will be required
- The Town will do the work from the R.O.W. to the drainage system
- The resident will be required to permanently maintain
- The Town will not be liable for any damages
- Official paperwork will be given with ample notice for your review

If you DO NOT AGREE to connect.....

- The Town will sever the connection at the R.O.W. line





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

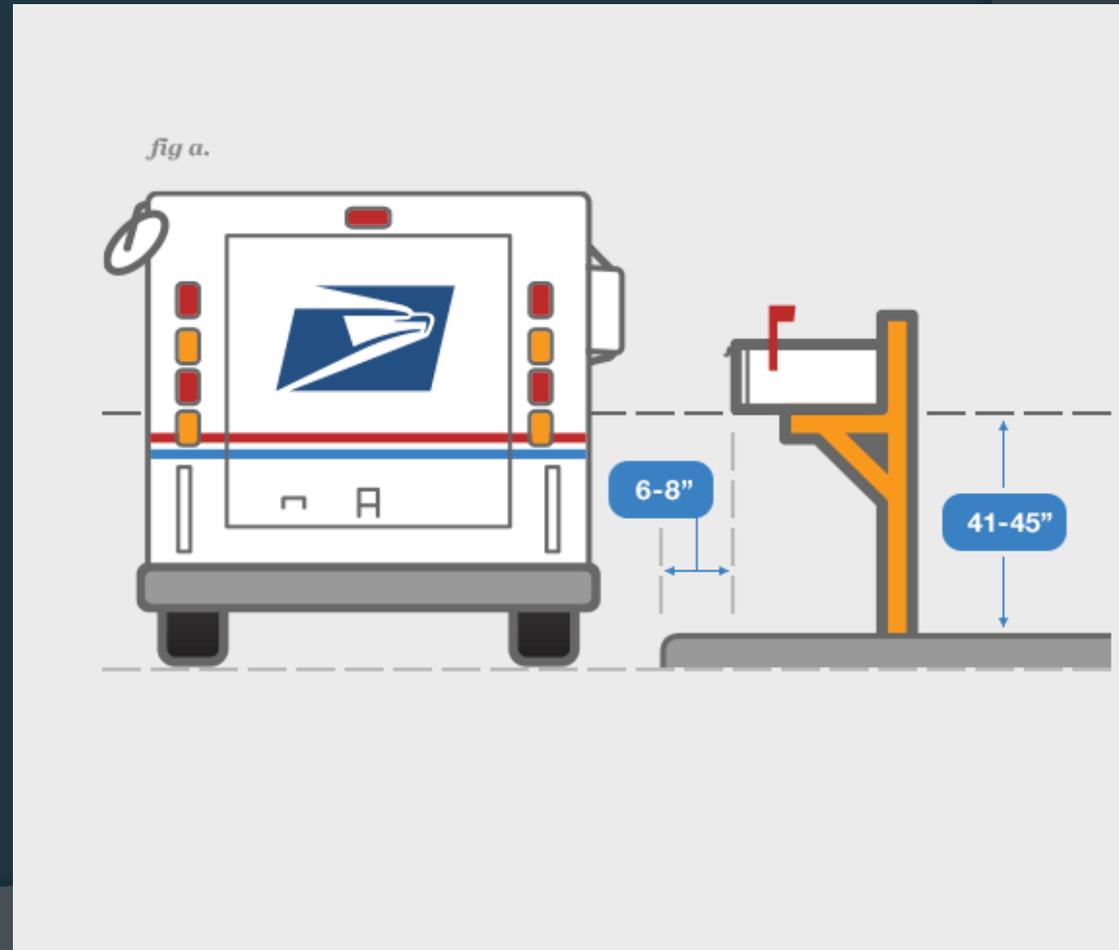
## IRRIGATION SYSTEMS





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

## MAILBOXES





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT *BITUMINOUS CURBING*





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

# SCHEDULE FOR 2019





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

CONSTRUCTION IS TENTATIVELY SCHEDULED TO BEGIN ON:

*BIRCHWOOD ROAD ON AUGUST 19, 2019*

WORK HOURS ARE TYPICALLY 7:00AM – 4:00PM  
MONDAY THROUGH FRIDAY

THE CONTRACTOR MAY OCCASSIONALLY WORK SATURDAYS.  
IF SO, A SIGN WILL BE POSTED AT THE ENTRANCES  
TO THE STREET AT LEAST 24 HOURS PRIOR.





# SAINT JAMES WEST RECONSTRUCTION PROJECT

## ENGINEERING OFFICE NOTIFICATIONS

- All residents will be notified approximately one-two weeks in advance, by mail, when the reconstruction of your phase will begin.





# TILL-BIRCHWOOD RECONSTRUCTION PROJECT

**CONSTRUCTION UPDATES – [www.enfield-ct.gov](http://www.enfield-ct.gov)**

*CBYD - Call Before You Dig*

*Complete Streets Policy &  
Mapping*

*Construction Project  
Updates*

*Copy Fee Schedule*

*FAQs About Road  
Construction*

*Geodetic Survey Control  
Index*

*Photo Gallery*

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**Contact Us**

**John Cabibbo**

Assistant Town Engineer

[Email](#)

Phone: 860-253-6366

**JP Rodriguez**

ROADS Engineer

[Email](#)

Phone: 860-763-7095

820 Enfield Street  
2nd Floor, Town Hall  
Enfield, CT 06082

Hours: 8:00AM - 5:00PM

## Engineering

The Town of Enfield's first shared bike lane located on Fletcher Road



## Current ROADS 2015 Construction Projects

Updated - Monday, July 22, 2019

### Till - Birchwood

Contact: J.P. Rodriguez, ROADS Engineer

Street: Till Street, Birchwood Road & Birchwood Terrace

Designer: Weston & Sampson

Inspector: TBD

Contractor: TBD

### Project Update

The construction contract is signed.

A neighborhood informational meeting will be held on Wednesday, July 31, 2019, in the Town Hall at the Council Chambers to discuss the project and the impacts to residents.





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ENGINEERING OFFICE

# CLOSING REMARKS





## DEPARTMENT OF PUBLIC WORKS ENGINEERING OFFICE

As with any construction project, the Town of Enfield is asking for patience from residents, business owners and visitors as a number of construction projects progress. We realize there is a considerable amount of construction around town and we are requiring the contractors to be sensitive to the operations of the residents and businesses located in the work area.

We know it is an inconvenience, but we also know that as we make these improvements, the end product will benefit the Town of Enfield and the community as a whole. It's going to be a tremendous change.

During construction, please visit [www.enfield-ct.gov](http://www.enfield-ct.gov) for up-to-date information on this project.



Complete sets of construction documents are available for viewing at the end of the informational meeting.

We will be happy to assist you with any further questions you may have.



DEPARTMENT OF PUBLIC WORKS  
ENGINEERING OFFICE

QUESTIONS / COMMENTS

THANK YOU!

[WWW.ENFIELD-CT.GOV](http://WWW.ENFIELD-CT.GOV)

