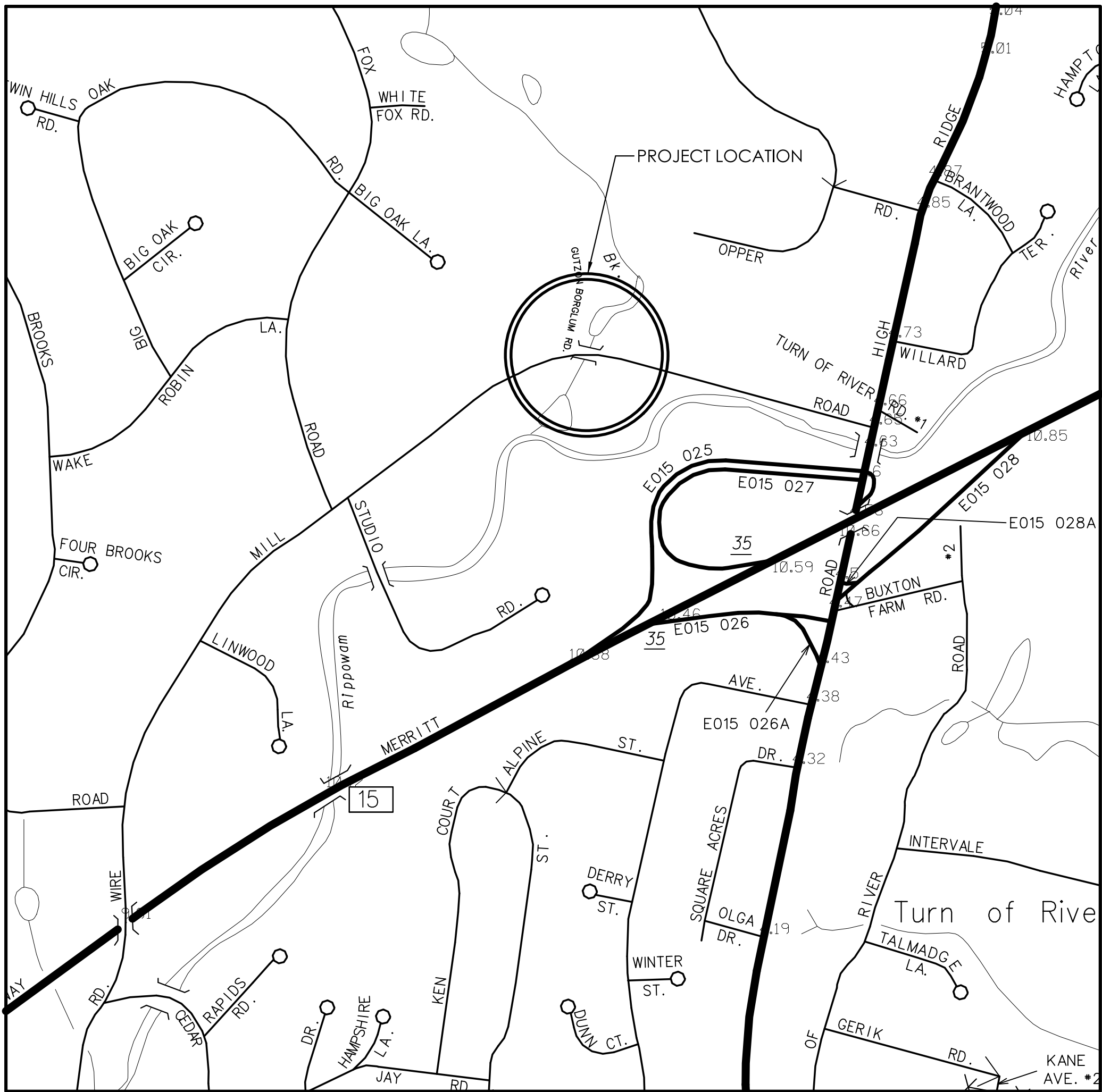
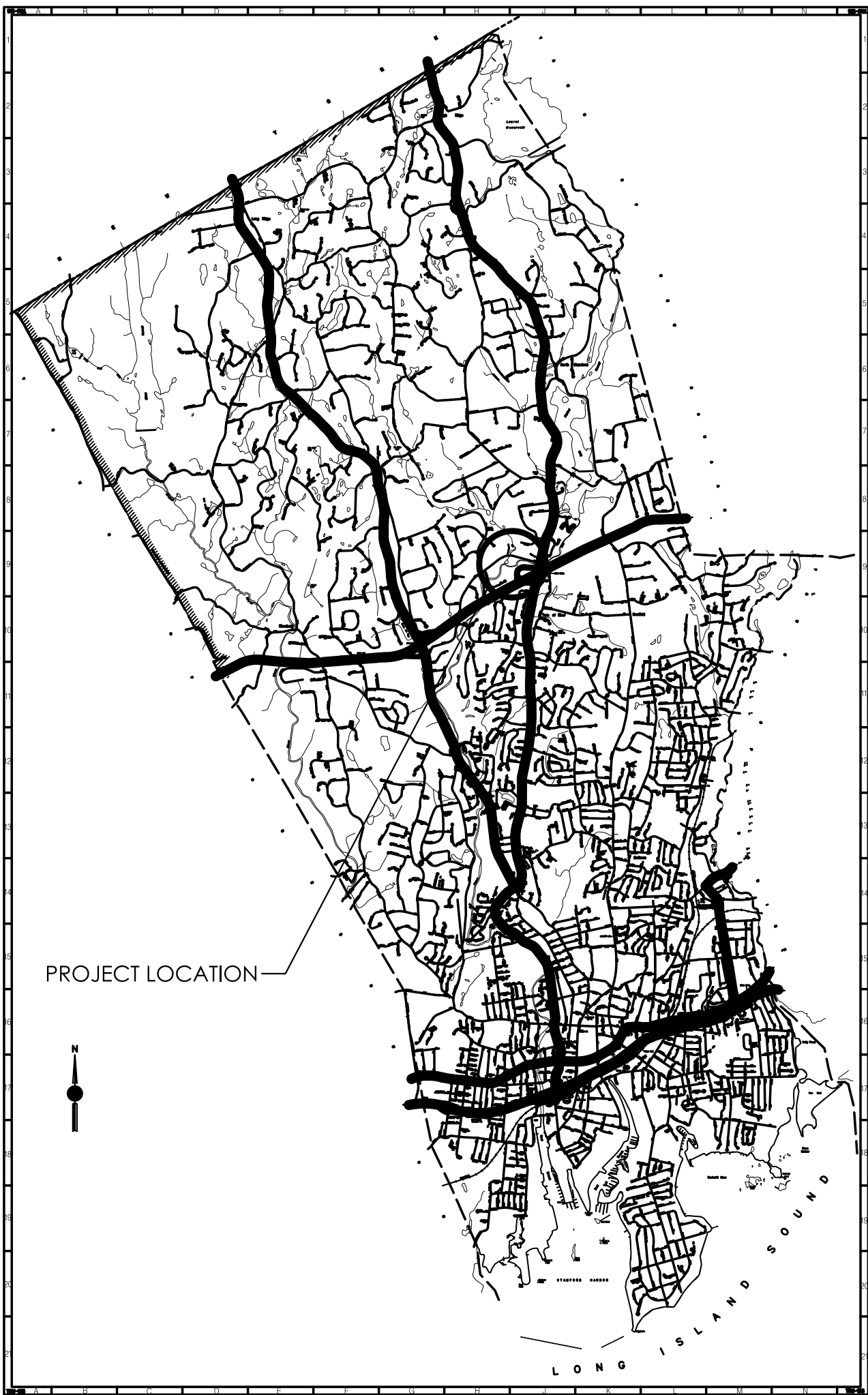
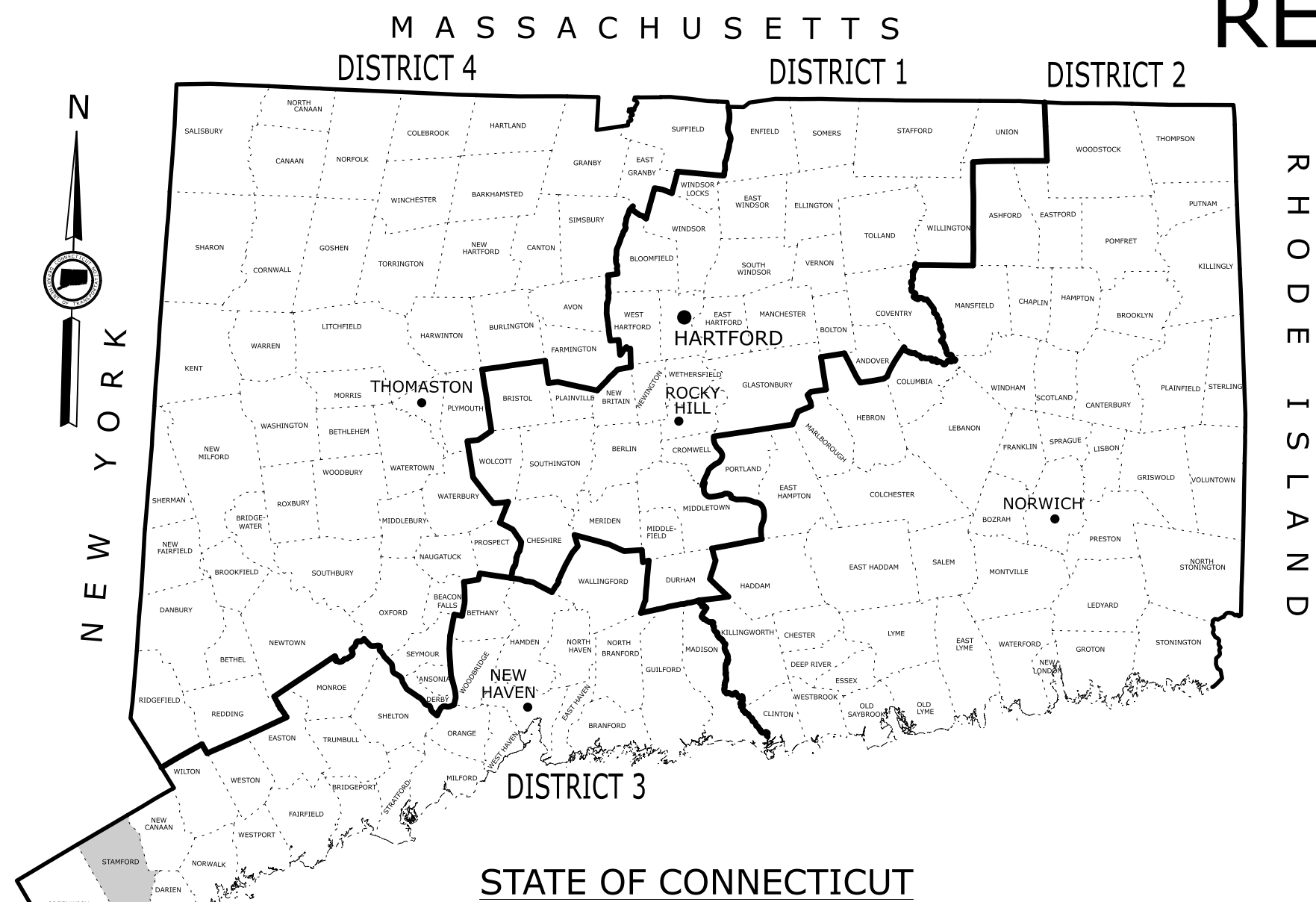


ENVIRONMENTAL PERMIT PLANS FOR
REPLACEMENT BR. NO. 04070 WIRE MILL ROAD
OVER HAVILAND BROOK

Town(s)/City of
STAMFORD



LOCATION PLAN
NOT TO SCALE

GENERAL NOTES

1. THESE PLANS ARE INTENDED ONLY FOR ENVIRONMENTAL PERMITTING PURPOSES. THESE PLANS HOLD AUTHORITY FOR ALL ACTIVITIES CONCERNING THE REGULATED AREA. FOR DETAILED PLANIMETRIC INFORMATION AND PAYMENT, REFER TO THE APPLICABLE CONTRACT DOCUMENTS.
2. FOR A DESCRIPTION OF THE WATERCOURSES, WETLANDS AND WETLAND SOILS, SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION.
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D 1983 VERTICAL DATUM BASED ON NGVD OF 1988.
4. ALL CONSTRUCTION ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 SECTION 1.10 AND WILL ALSO FOLLOW BEST MANAGEMENT PRACTICES (BMPs) AND SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH THE 2002 EROSION AND SEDIMENTATION CONTROL GUIDELINES AND THE 2004 STORMWATER QUALITY MANUAL.
5. WETLAND DELINEATION CONDUCTED FEBRUARY 2020 BY FITZGERALD & HALLIDAY, INC.

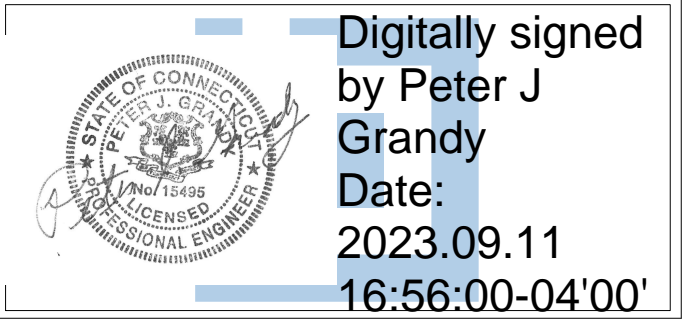
LIST OF DRAWINGS

DRAWING TITLE	DRAWING NO.
PERMIT TITLE SHEET	PMT-01
GENERAL PLAN	PMT-02
WETLAND IMPACT PLAN	PMT-03
FLOOD IMPACT PLAN	PMT-04
BRIDGE PLAN AND ELEVATION	PMT-05
SUGGESTED SEQUENCE OF CONSTRUCTION	PMT-06
EROSION AND SEDIMENT CONTROL PLAN	PMT-07

DESIGNED BY:
CONSULTANT COMPANY NAME

Weston & Sampson

712 Brook Street Suite 103, Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com



PLAN DATE: AUGUST 31, 2023

SIGNATURE/
BLOCK:

Weston & SampsonSM

712 Brook Street Suite 103
Rocky Hill, CT 06067
tel: 860.513.1473
www.westonandsampson.com



STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



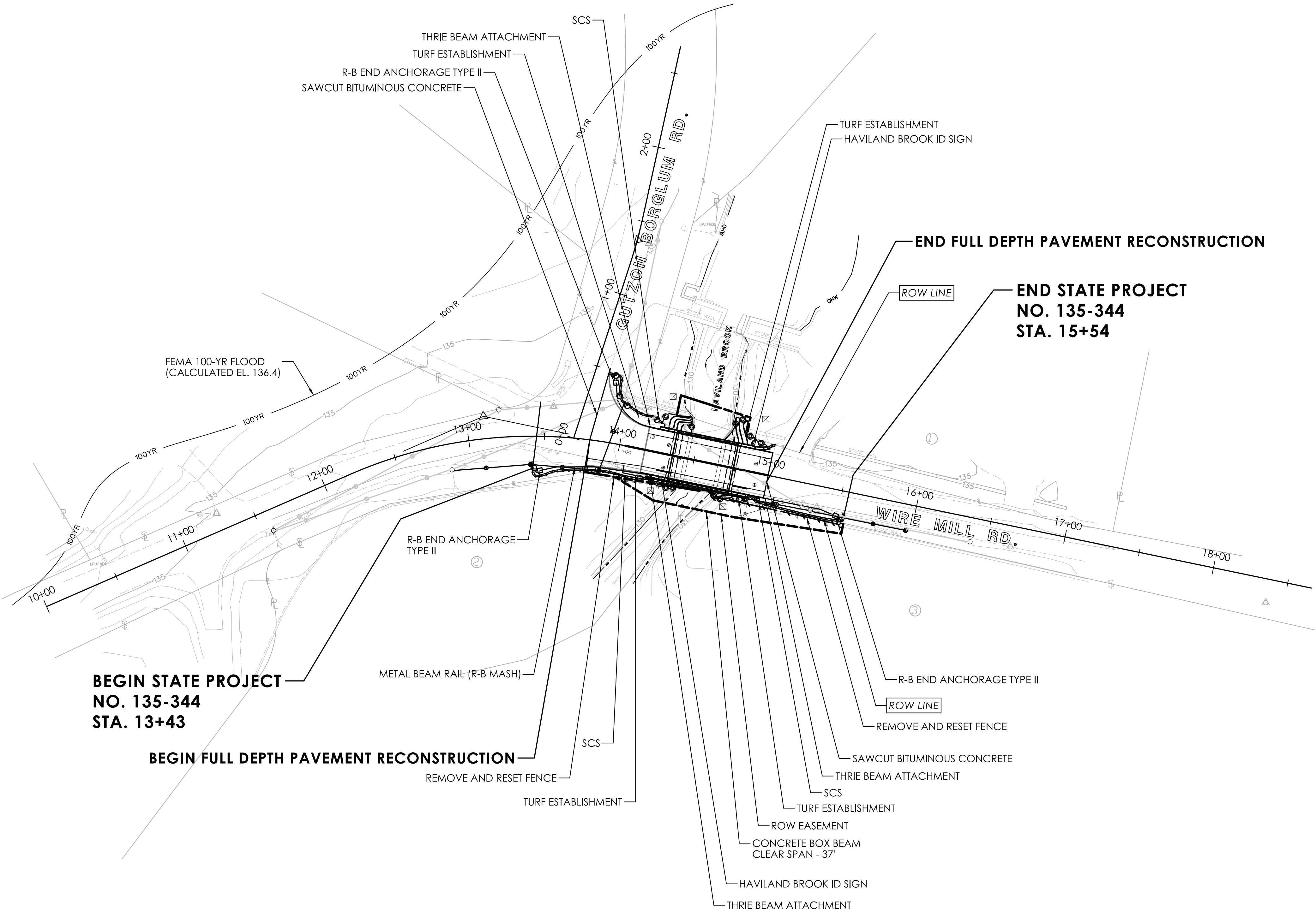
PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REPLACEMENT BR. NO. 04070 WIRE MILL ROAD OVER HAVILAND BROOK
TOWN(S): STAMFORD
DRAWING TITLE: PERMIT TITLE SHEET

DRAWING NO.
PMT-01
SHEET NO.



NOTES:

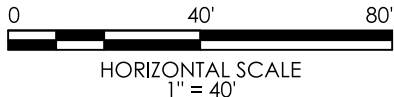
1. ORDINARY HIGH WATER LIMIT LINE AND WATERCOURSE EDGE LINES ARE COINCIDENT.
2. PROJECT AREA IS ENTIRELY CONTAINED WITHIN THE 100-YEAR FLOOD LIMITS OF THE RIPPOWAM RIVER. MAPPED 100-YEAR FLOOD LIMITS EXTEND BEYOND THE PROJECT AREA.
3. THE SUBJECT BRIDGE IS WITHIN FEMA ZONE AE. THE FLOOD PLAIN LINES SHOWN REFLECT HYDRAULIC ANALYSIS ELEVATION OF THE 100-YEAR HAVILAND BROOK FLOOD ELEVATION COINCIDENT WITH THE RIPPOWAM RIVER 100-YEAR FLOOD.
4. "ROAD MAY FLOOD" SIGNS WILL BE INSTALLED OUTSIDE OF THE CALCULATED FLOODPLAIN LIMITS.
5. NO INSTREAM WORK SHALL BE DONE DURING CONSTRUCTION. IN ADDITION, WORK SHALL NOT BE PERMITTED AT OR BELOW O.H.W.
6. SURVEY LIMITS TO CONFIRM OHW - PAID FOR OUT OF CN STAKING ITEM.



LEGEND

- 100YR 100 YEAR FLOOD LIMIT (FEMA FIRM)
- OHW ORDINARY HIGHWATER (OHW)
- SEDEMENTATION CONTROL SYSTEM
- STREAM

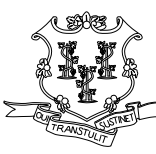
PLAN DATE: AUGUST 31, 2023



SIGNATURE/
BLOCK:

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tel: 860.513.1473
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STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REPLACEMENT BR. NO. 04070 WIRE MILL RD OVER HAVILAND BROOK
TOWN(S): STAMFORD
DRAWING TITLE: GENERAL PLAN

DRAWING NO.
PMT-02
SHEET NO.



B.M. 1 Elev. 135.34
SPIKE NAIL IN POLE #3937
—
NAVD 1988

FEMA 100-YR FLOOD
(CALCULATED EL. 136.4)

**BEGIN STATE PROJECT
NO. 135-344
STA. 13+43**

N/F
CHARLES XIAO QUING GUO ET AL

LEGEND

- 100YR 100 YEAR FLOOD LIMIT (FEMA FIRM)
- SEDEMENTATION CONTROL SYSTEM
- OHW OHW ORDINARY HIGHWATER (OHW)
- STREAM (SEE NOTE 1)
- PERMANENT WATERCOURSE IMPACT LIMIT
- TEMPORARY WATERCOURSE IMPACT LIMIT

TOWN REGULATED IMPACT AREA TABLE (SF [AC])	
UPLAND REVIEW AREA IMPACTS	8750 S.F. (.20 AC)

WETLAND IMPACT TABLE				
	SITE NO.	WETLAND IMPACTS	WATERCOURSE IMPACTS	TOTAL
PERMANENT IMPACTS	1	0 S.F. (0) AC	0 S.F. (0) AC	0 S.F. (0) AC
TEMPORARY IMPACTS	1	0 S.F. (0) AC	0 S.F. (0) AC	0 S.F. (0) AC
TOTAL IMPACTS		0 S.F. (0) AC	0 S.F. (0) AC	0 S.F. (0) AC

NOTES:

- NO WETLANDS ARE LOCATED WITHIN THE PROJECT AREA.
- ORDINARY HIGH WATER LIMIT LINE AND STREAM EDGE LINES ARE COINCIDENT.
- PROJECT AREA IS ENTIRELY CONTAINED WITHIN THE 100-YEAR FLOOD LIMIT, 100-YEAR FLOOD AREA IS TO THE EAST OF THE 100-YEAR LINE SHOWN.
- ALL DISTURBED AREAS SHALL BE RESTORED.
- NO INSTREAM WORK SHALL BE DONE DURING CONSTRUCTION. IN ADDITION, WORK SHALL NOT BE PERMITTED AT OR BELOW O.H.W.
- SURVEY LIMITS TO CONFIRM OHW - PAID FOR OUT OF CN STAKING ITEM.
- CITY OF STAMFORD "UPLAND REVIEW AREA" IS MEASURED 100 FEET FROM THE OHW LINE OF HAVILAND BROOK. THE ENTIRETY OF THIS PROJECT IS WITHIN THE CITY OF STAMFORD REGULATED AREA.

**END STATE PROJECT
NO. 135-344
STA. 15+54**

N/F
GERALD S. BECKAN
2007 REV. TRUST
#546 WIRE MILL RD.

N/F
CHARLES XIAO QUING GUO ET AL
#543 WIRE MILL RD.

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: _____ CHECKED BY: _____
LASTED SAVED BY: Koopaei.Daryoush FILE NAME: P:\CT\CTDOT\CT_Projects\0135-0344_Stamford\Highways\Contract_Plans\HW_CP_0135_0344_Plan.dgn
PLOTTED DATE: 9/8/2023

0 15' 30'
HORIZONTAL SCALE
IN FEET

SIGNATURE/
BLOCK:

Weston & Sampson SM

712 Brook Street Suite 103
Rocky Hill, CT 06067
tel: 860.513.1473
www.westonandsampson.com



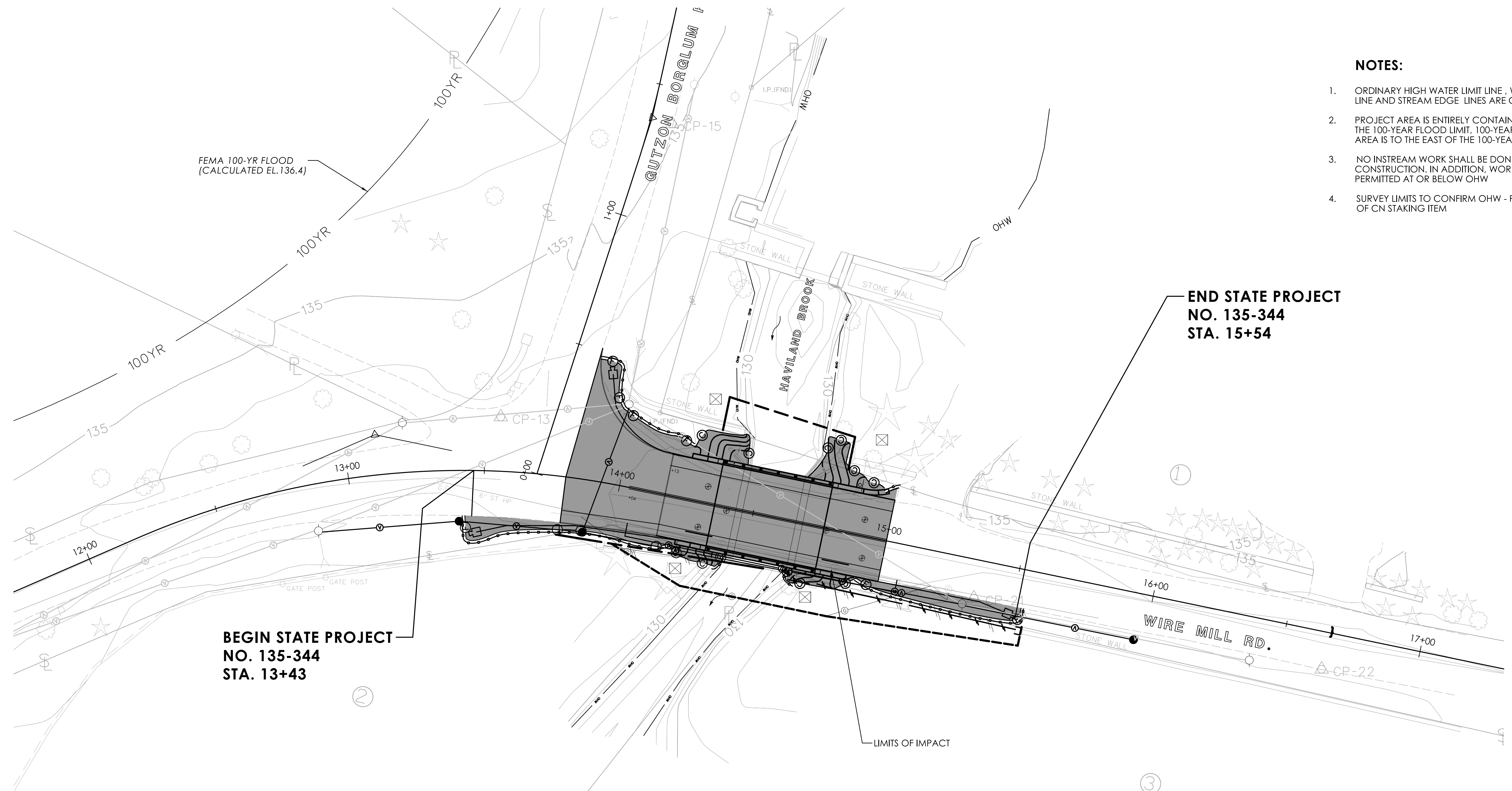
STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REPLACEMENT BR. NO. 04070 WIRE MILL RD. OVER HAVILAND BROOK
TOWN(S): STAMFORD
DRAWING TITLE: WETLAND IMPACT PLAN

PLAN DATE: AUGUST 31, 2023

DRAWING NO.
PMT-03
SHEET NO.



1. ORDINARY HIGH WATER LIMIT LINE , WETLAND LIMIT LINE AND STREAM EDGE LINES ARE COINCIDENT
2. PROJECT AREA IS ENTIRELY CONTAINED WITHIN THE 100-YEAR FLOOD LIMIT, 100-YEAR FLOOD AREA IS TO THE EAST OF THE 100-YEAR LINE SHOWN
3. NO INSTREAM WORK SHALL BE DONE DURING CONSTRUCTION. IN ADDITION, WORK SHALL NOT BE PERMITTED AT OR BELOW OHW
4. SURVEY LIMITS TO CONFIRM OHW - PAID FOR OUT OF CN STAKING ITEM

**BEGIN STATE PROJECT
NO. 135-344
STA. 13+43**

	100 YEAR FLOOD LIMIT (FEMA FIRM)
	ORDINARY HIGHWATER (OHW)
	STREAM (SEE NOTE 1)
	PERMANENT FLOOD IMPACT AREA
	TEMPORARY FLOOD IMPACT AREA

100-YEAR FLOODPLAIN IMPACTS CUT AND FILL	
VOLUME IMPACTS	
EXCAVATION IN FEMA FLOODPLAIN	FILL IN FEMA FLOODPLAIN
80 C.Y.	30 C.Y.

LIMITS OF IMPACT

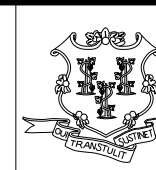
DESIGNER/DRAFTER: CHECKED BY: 1 = 20

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PLOTTED DATE: 9/8/2023

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BLOCK:

Weston (&) SampsonSM

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tel: 860.513.1473
www.westonandsampson.com



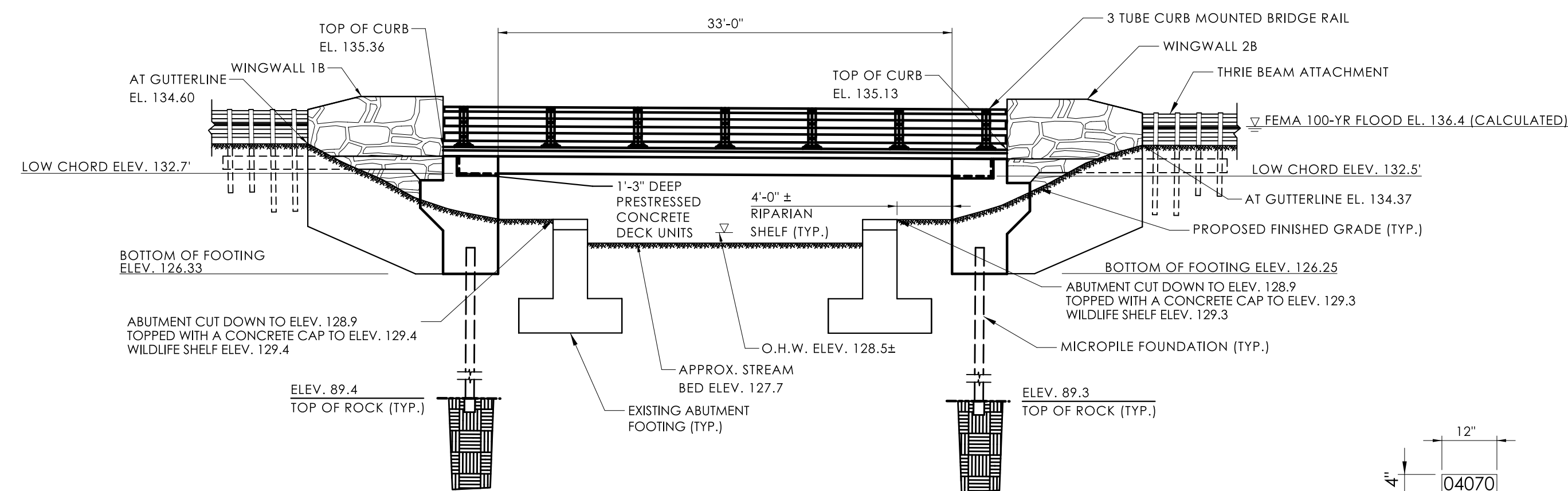
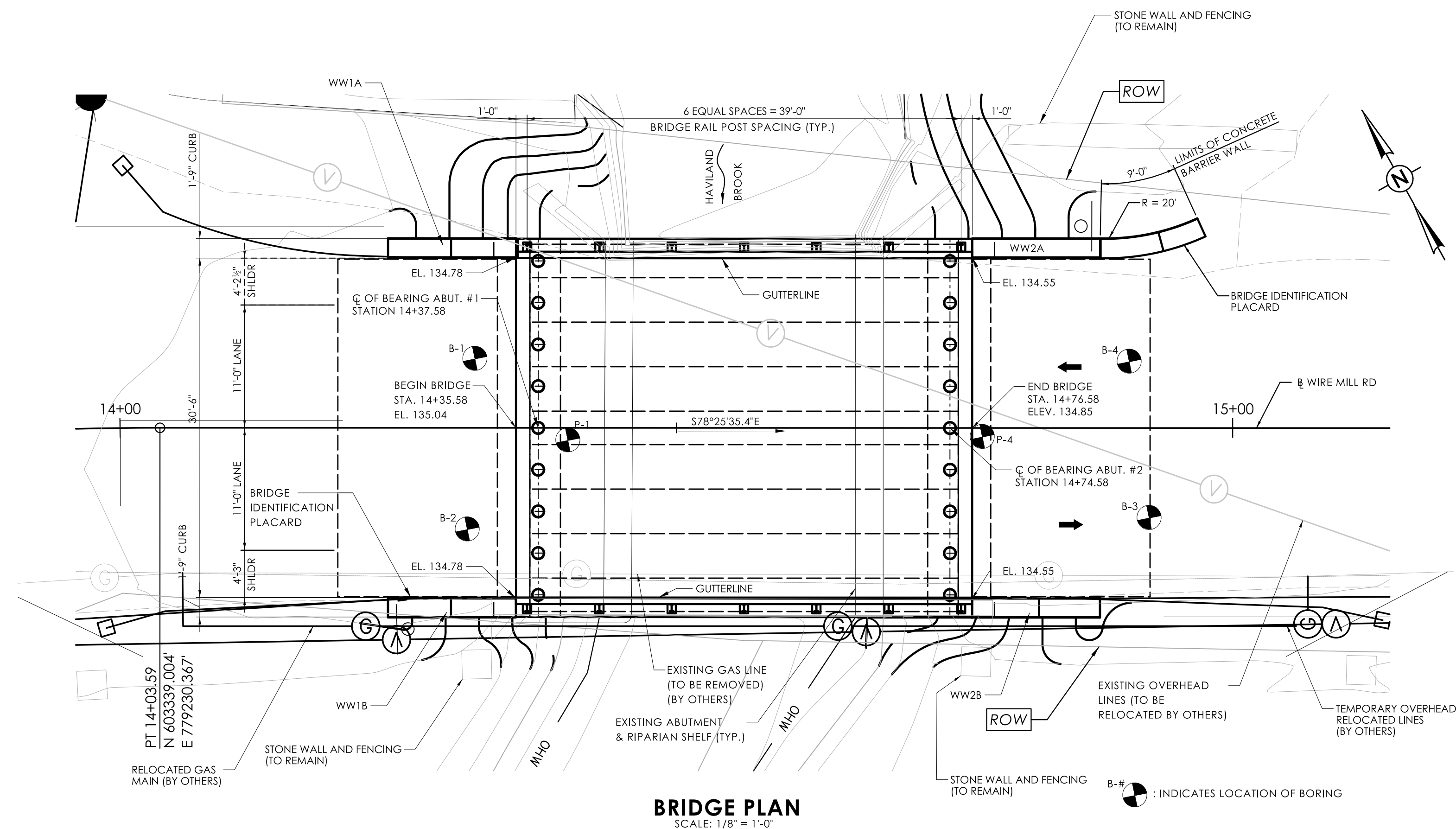
STATE OF CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION



PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REHABILITATION BR. NO. 04070 WIRE MILL ROAD OVER HAVILAND BROOK
TOWN(S): STAMFORD
DRAWING TITLE: FLOOD ZONE IMPACT PLAN

DRAWING NO.
PMT-04

SHEET NO.



NOTES

1. NO INSTREAM WORK SHALL BE DONE DURING CONSTRUCTION. NO WORK SHALL BE PERMITTED AT OR BELOW OHW
2. SURVEY LIMITS TO CONFIRM OHW - PAID FOR OUT OF CN STAKING ITEM

HYDRAULIC DATA	
DRAINAGE AREA	3.7 SQ. MILES
DESIGN FREQUENCY	100 YEAR
DESIGN DISCHARGE	800 CFS
AVERAGE DAILY FLOW ELEVATION	128.6 FT
	ESTIMATED
UPSTREAM DESIGN WATER SURFACE ELEVATION	133.9 FT
DOWNSTREAM DESIGN WATER SURFACE ELEVATION	133.0 FT
MAXIMUM SCOUR ELEVATION	123.7 FT
FREQUENCY	500 YEAR
DISCHARGE	1070 CFS
WORST-CASE SCOUR SUBSTRUCTURE UNIT	ABUTMENT(S)

PLAN DATE: AUGUST 31, 2023[illegible]

DESIGNER/DRAFTER: CHECKED BY:

LASTED SAVED BY: Levesque, Benjamin **FILE NAME:** P:\CT\CIDOT\CT_Projects\0135-0344_Stamford\Highways\Contract_Plans\PERMIT\S8_CP_0135_0344_BRIDGE PLAN AND ELEV_PERMIT.dgn
PLOTTED DATE: 9/5/2023

SIGNATURE/
BLOCK:

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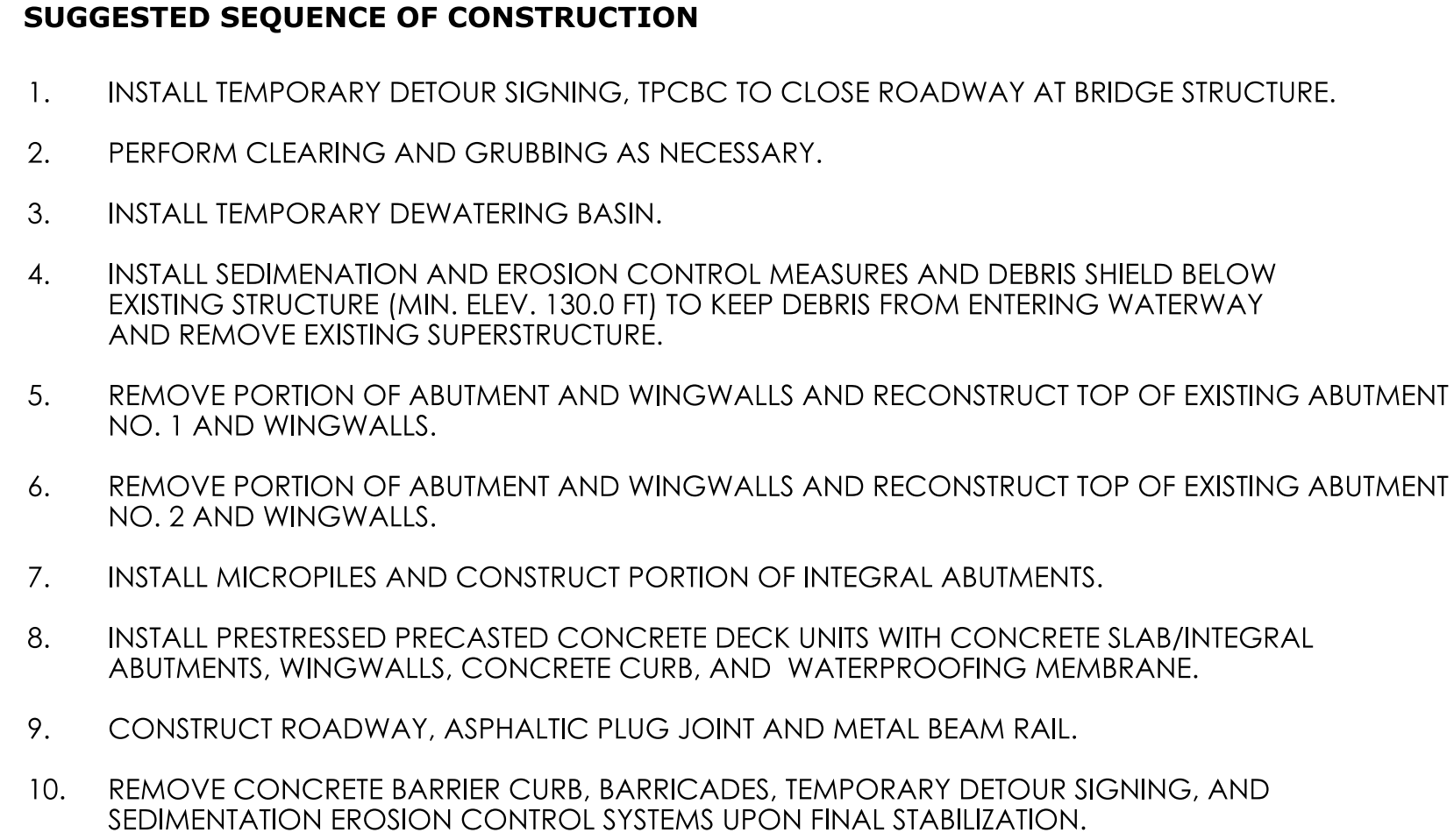
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Rocky Hill, CT 06067
tel: 860.513.1473
www.westonandsampson.com





CITY OF
STAMFORD

PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REPLACEMENT BRIDGE NO. 04070 WIRE MILL RD OVER HAVILAND BROOK
TOWN: STAMFORD
DRAWING TITLE: BRIDGE PLAN AND ELEVATION

DRAWING NO.
PMT-05

**PLAN DATE: AUGUST 31, 2023**

DESIGNER/DRAFTER: _____ CHECKED BY: _____		SIGNATURE/ BLOCK: <div style="text-align: center;">  </div>	712 Brook Street Suite 103 Rocky Hill, CT 06067 tel: 860.513.1473 www.westonandsampson.com	<div style="text-align: center;">  <p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p> </div>	PROJECT NUMBER: 0135-0344 PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 04070 - WIRE MILL ROAD OVER HAVILAND BROOK TOWN: STAMFORD DRAWING TITLE: SUGGESTED SEQUENCE OF CONSTRUCTION	DRAWING NO. PMT-06
						SHEET NO.



NOTES:

1. NO WETLANDS ARE LOCATED WITHIN THE PROJECT AREA.
2. TREES NOT CALLED OUT FOR REMOVAL SHALL REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED BY THE ENGINEER.

END FULL DEPTH PAVEMENT RECONSTRUCTION

END STATE PROJECT
NO. 135-344
STA. 15+54

N/F
GERALD S. BECKAN
2007 REV. TRUST
#546 WIRE MILL RD.

STOCKPILE AREA

WIRE MILL RD.
462.360'

N/F
CHARLES XIAO QUING GUO ET AL
#543 WIRE MILL RD.

B.M. 1
Elev. 135.34
SPIKE NAIL IN POLE #3937
—
NAVD 1988

FEMA 100-YR FLOOD
(CALCULATED EL. 136.4)

BEGIN FULL DEPTH PAVEMENT RECONSTRUCTION

BEGIN STATE PROJECT
NO. 135-344
STA. 13+43

N/F
CHARLES XIAO QUING GUO ET AL

LEGEND

- 100YR 100 YEAR FLOOD LIMIT (FEMA FIRM)
- SEDEMENTATION CONTROL SYSTEM
- OHW ORDINARY HIGHWATER (OHW)
- TREE REMOVAL
- STREAM (SEE NOTE 1)
- STOCKPILE AREA
- PARKING, FUEL AND SERVICING AREA

TEMPORARY DEWATERING BASIN
REMOVE 15" TREE

TEMPORARY DEWATERING BASIN
REMOVE 8" TREE

PLAN DATE: AUGUST 31, 2023

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: CHECKED BY:
LASTED SAVED BY: Koopaei.Daryoush FILE NAME: P:\CT\CTDOT\CT_Projects\0135-0344_Stamford\Highways\Contract_Plans\PERMIT\HW_CP_0135_0344_Plan_EROS_SEDI_MUNI.dgn
PLOTTED DATE: 9/11/2023

0 15' 30'
HORIZONTAL SCALE
IN FEET

SIGNATURE/
BLOCK:

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STATE OF CONNECTICUT
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OF
TRANSPORTATION



PROJECT NUMBER: 0135-0344
PROJECT DESCRIPTION: REPLACEMENT BR. NO. 04070 WIRE MILL RD. OVER HAVILAND BROOK
TOWN(S): STAMFORD
DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
PMT-07
SHEET NO.