

PRELIMINARY DESIGN PLANS
EXTENSION OF MONTEITH DRIVE
OVER FARMINGTON RIVER

Farmington, Connecticut
Bid No. XXX

Director of Public Works/Towns Engineer:
Russell M. Arnold, Jr., P.E.

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032
PHONE: (860) 675-2319



Town Manager
Kathleen A. Eagen

Town Council Chair
Nancy W. Nickerson

Town Council
Patti Boyle-Williams
Bruce Charette
Paul Ciance
Edward Giannaros
Beth Kinter
C.J. Thomas

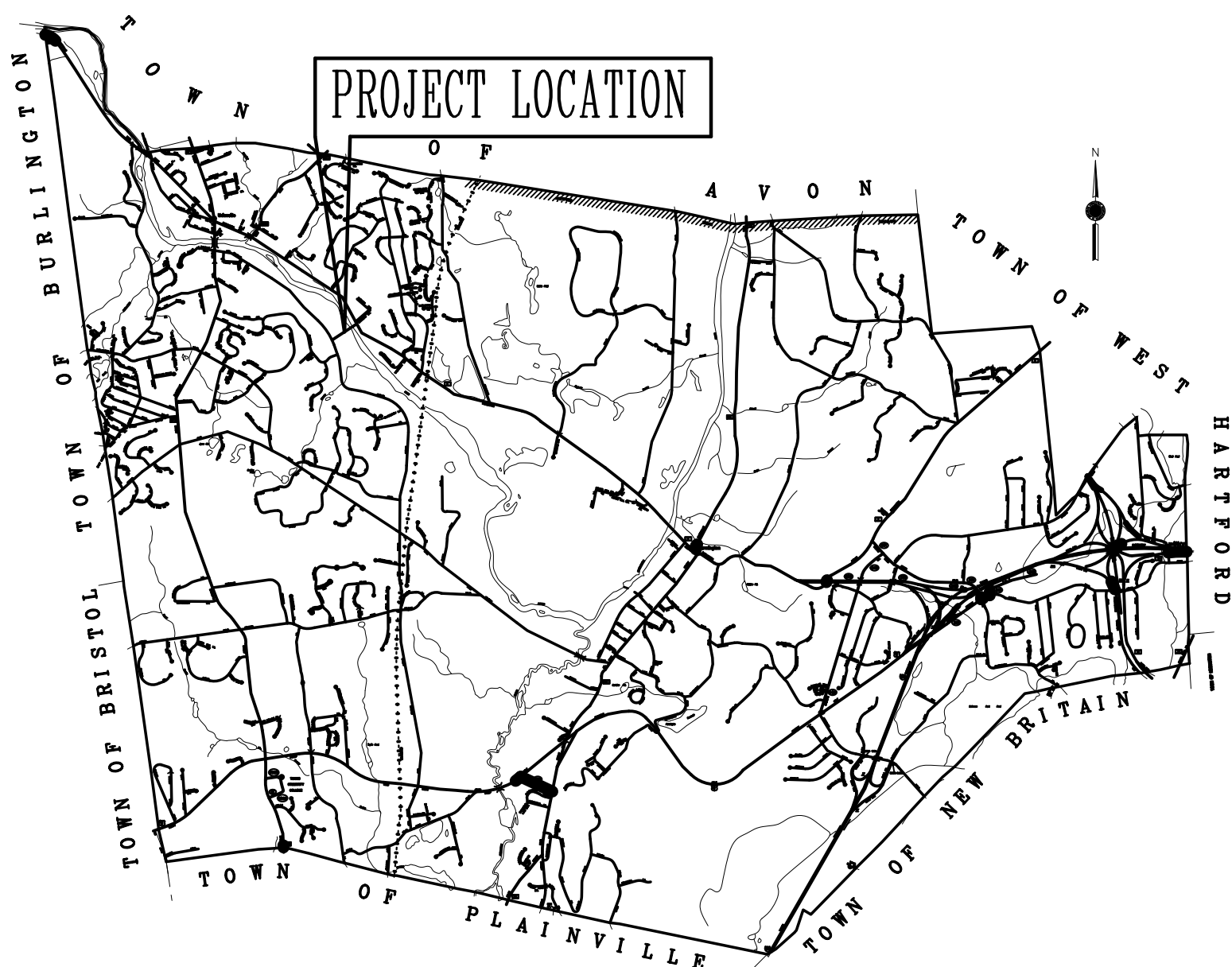
PROGRESS PRINTS
DATE: 03/23/2018

NOTES:
ALL CONSTRUCTION SHALL ADHERE TO THE STATE OF CONNECTICUT, DEPARTMENT OF
TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES AND INCIDENTAL
CONSTRUCTION FORM *BUT* INCLUDING ALL CURRENT ADDENDA.

CONTRACTOR SHALL COORDINATE ALL WORK WITH THE TOWN OF FARMINGTON
ENGINEERING DIVISION.

ALL WORK SHALL COMPLY WITH STATE AND LOCATION REGULATIONS.

AVERAGE DAILY TRAFFIC	2015	2040
FARMINGTON AVENUE (ROUTE 4)	17,900	20,400
NEW BRITAIN AVENUE	9,800	12,800
MONTEITH DRIVE (NEW BRIDGE)	0	14,000

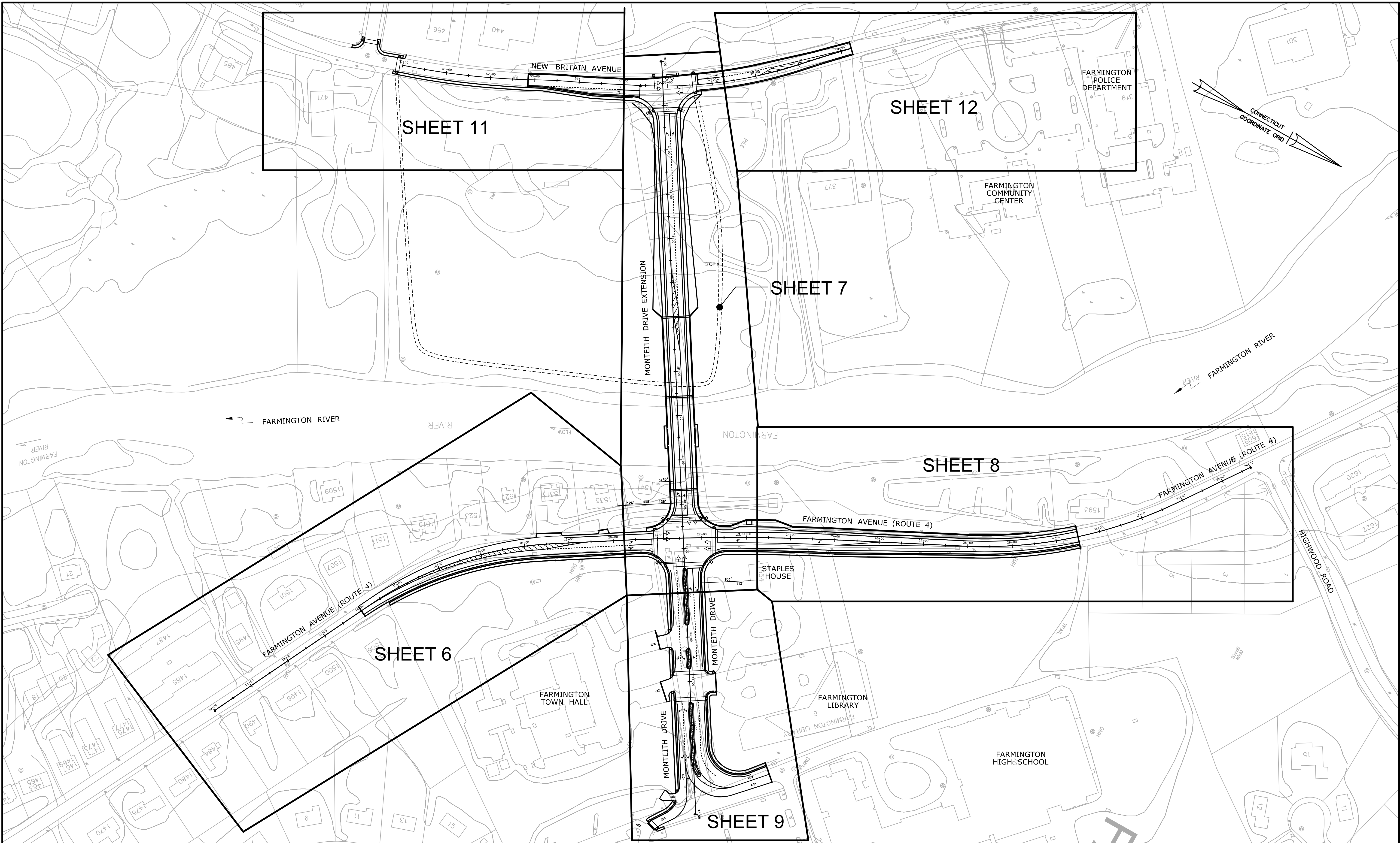


LOCATION MAP
SCALE
0 1000 2000 3000 FEET

SHT. NO.	SHEET TITLE
1	TITLE SHEET
2	INDEX PLAN
3-5	TYPICAL SECTIONS
6-12	PLAN SHEETS
13-14	INTERSECTION PLANS
15-18	PROFILES
19-20	CRITICAL CROSS-SECTIONS
21	OVERALL PLAN

2018

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REVISIONS

SHEET NO.

REV.

DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:

DRAFTER: AJN

CHK:

DATE: 07/07/2017

APPROVED:

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE
OVER FARMINGTON RIVER

PROJECT NO.:

DRAWING TITLE:

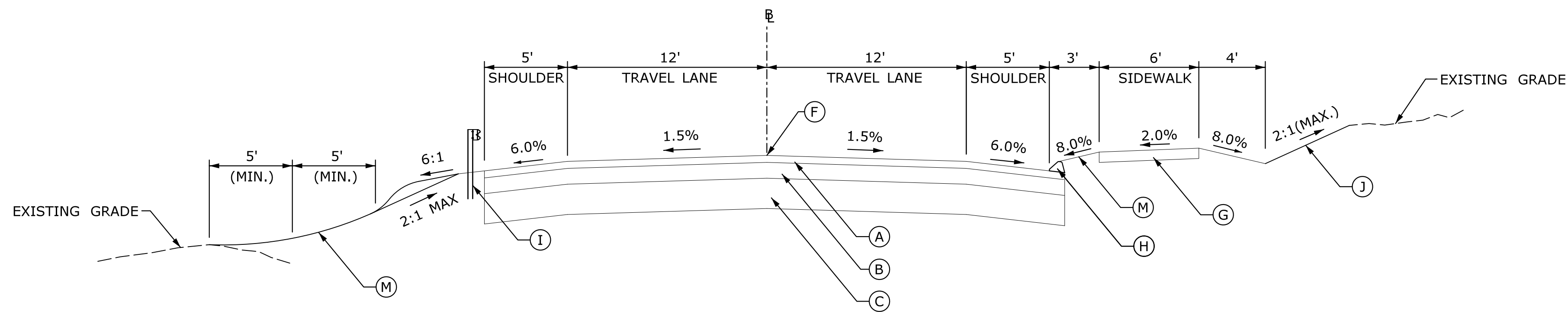
INDEX PLAN

DRAWING DATE:

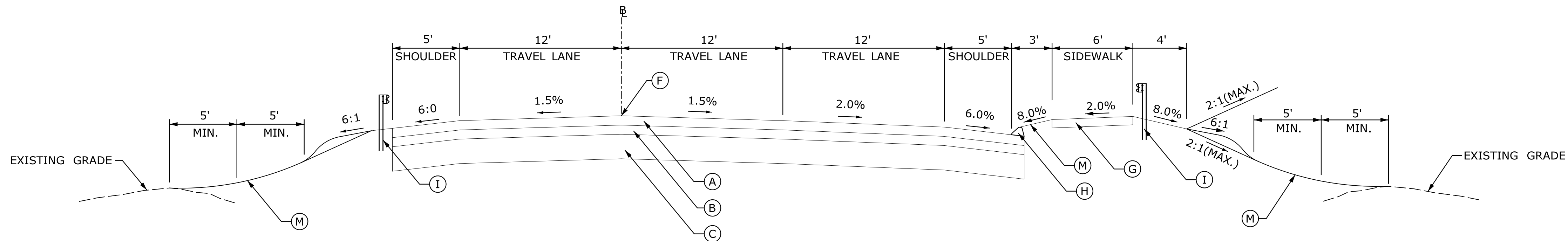
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SHEET NO. 2 OF 21

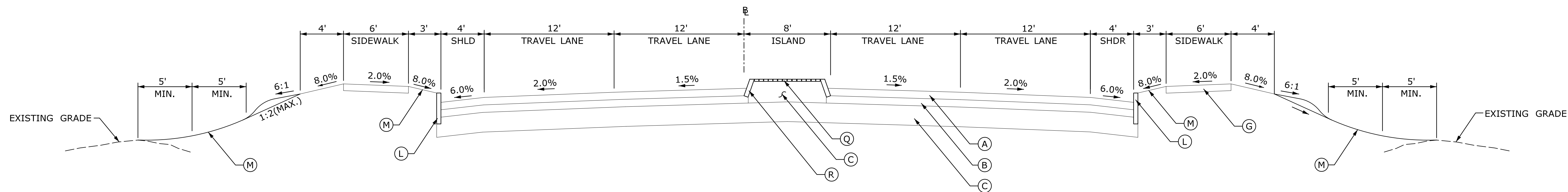
4/5/2018 P:\Projects\CT_Towns\Farmington River Crossing\800-CAD-GIS\910 CAD\Highways\MSta_Contract_Sheet_Files\Plan\HW_MSH_FARMINGTON_RIVER_Typ_Section.dgn



MONTEITH DRIVE EXTENSION
FULL DEPTH PAVEMENT CONSTRUCTION TYPICAL SECTION
N.T.S.



MONTEITH DRIVE EXTENSION
FULL DEPTH PAVEMENT CONSTRUCTION TYPICAL SECTION
N.T.S.



MONTEITH DRIVE
FULL DEPTH PAVEMENT CONSTRUCTION TYPICAL SECTION
N.T.S.

LEGEND

- (A) 4" SUPERPAVE 0.500" (PLACED IN TWO EQUAL LIFTS)
- (B) 6" SUPERPAVE 1.5" (PLACE IN TWO EQUAL LIFTS)
- (C) 10" SUBBASE MINIMUM - BOTTOM OF NEW SUBBASE TO BE AT OR BELOW THE BOTTOM OF THE EXISTING SUBBASE.
- (D) MILL PAVEMENT - OVERLAY WITH 3" SUPERPAVE 0.500"
- (E) SAWCUT EXISTING PAVEMENT
- (F) POINT OF APPLICATION OF GRADE
- (G) CONCRETE SIDEWALK
- (H) BITUMINOUS CONCRETE LIP CURBING
- (I) GUIDE RAILING (LOCATION AND TYPE (AS SHOWN ON PLANS)
- (J) SLOPES AS SHOWN ON CROSS SECTIONS
- (K) WEDGE COURSE (DEPTH VARIES)
- (L) GRANITE CURBING
- (M) TURF ESTABLISHMENT ON 6" TOPSOIL
- (N) 2" HMA S00375
- (O) 2" HMA S0.5
- (P) 9" PROCESSED AGGREGATE BASE
- (Q) GRANITIE PAVERS
- (R) SLOPED GRANITE CURBING



REVISIONS

SHEET NO.

REV.

DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:

DRAFTER: AJN

CHK:

DATE: 07/07/2017

APPROVED:

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE
OVER FARMINGTON RIVER

PROJECT NO. :

DRAWING TITLE:

TYPICAL SECTIONS

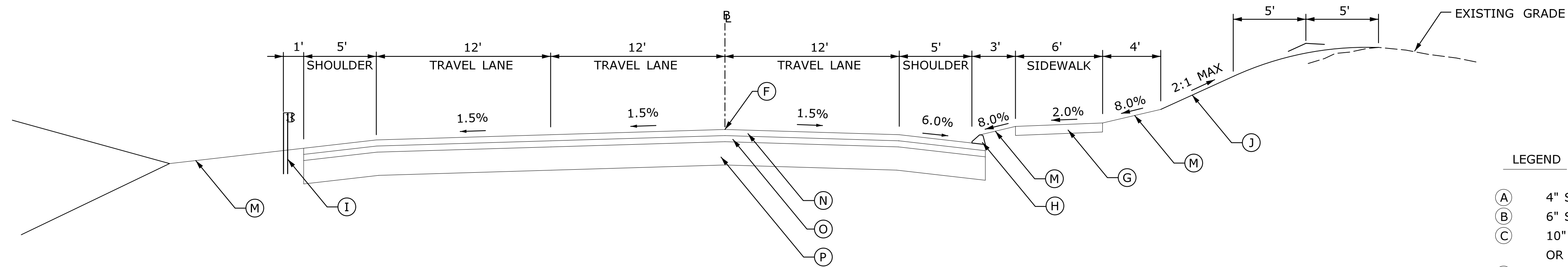
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HOR. SCALE: 1" = 40'

VER. SCALE: 1" = 4'

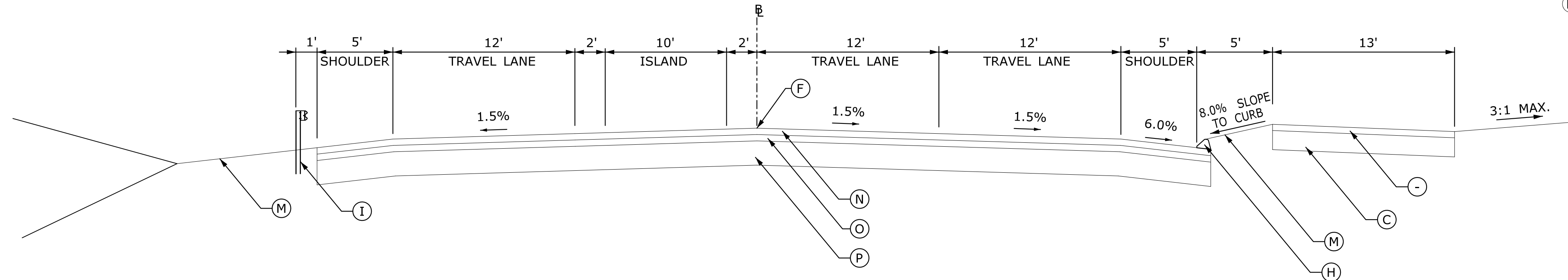
SHEET NO. 3 OF 21

4/5/2018 P:\Projects\CT_Towns\Farmington\River Crossing\800-CAD-GIS\910 CAD\Highways\MSta_Contract_Sheet_Files\Plan\HW_MSH_FARMINGTON_RIVER_Typ_Section.dgn

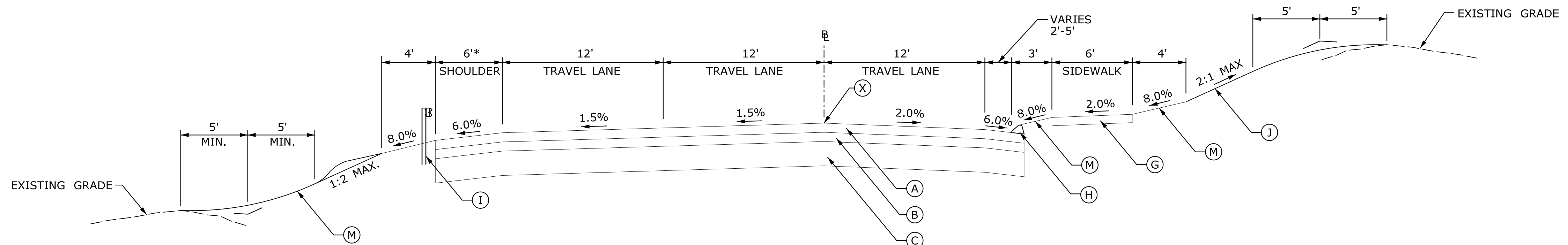


NEW BRITAIN AVENUE
ROADWAY SECTION
STA. 71+00 ±
N.T.S.

- LEGEND
- (A) 4" SUPERPAVE 0.500" (PLACED IN TWO EQUAL LIFTS)
 - (B) 6" SUPERPAVE 1.5" (PLACE IN TWO EQUAL LIFTS)
 - (C) 10" SUBBASE MINIMUM - BOTTOM OF NEW SUBBASE TO BE AT OR BELOW THE BOTTOM OF THE EXISTING SUBBASE.
 - (D) MILL PAVEMENT - OVERLAY WITH 3" SUPERPAVE 0.500"
 - (E) SAWCUT EXISTING PAVEMENT
 - (F) POINT OF APPLICATION OF GRADE
 - (G) CONCRETE SIDEWALK
 - (H) BITUMINOUS CONCRETE LIP CURBING
 - (I) GUIDE RAILING (LOCATION AND TYPE (AS SHOWN ON PLANS))
 - (J) SLOPES AS SHOWN ON CROSS SECTIONS
 - (K) WEDGE COURSE (DEPTH VARIES)
 - (L) GRANITE CURBING
 - (M) TURF ESTABLISHMENT ON 6" TOPSOIL
 - (N) 2" HMA S00375
 - (O) 2" HMA S0.5
 - (P) 9" PROCESSED AGGREGATE BASE



NEW BRITAIN AVENUE
ROADWAY SECTION
STA. 69+00 ±
N.T.S.



* VARIES 14+00 TO 18+00
TO MATCH EXISTING

ROUTE 4 FULL DEPTH PAVEMENT CONSTRUCTION
TYPICAL SECTION
N.T.S.



REVISIONS	SHEET NO.	REV.	DATE

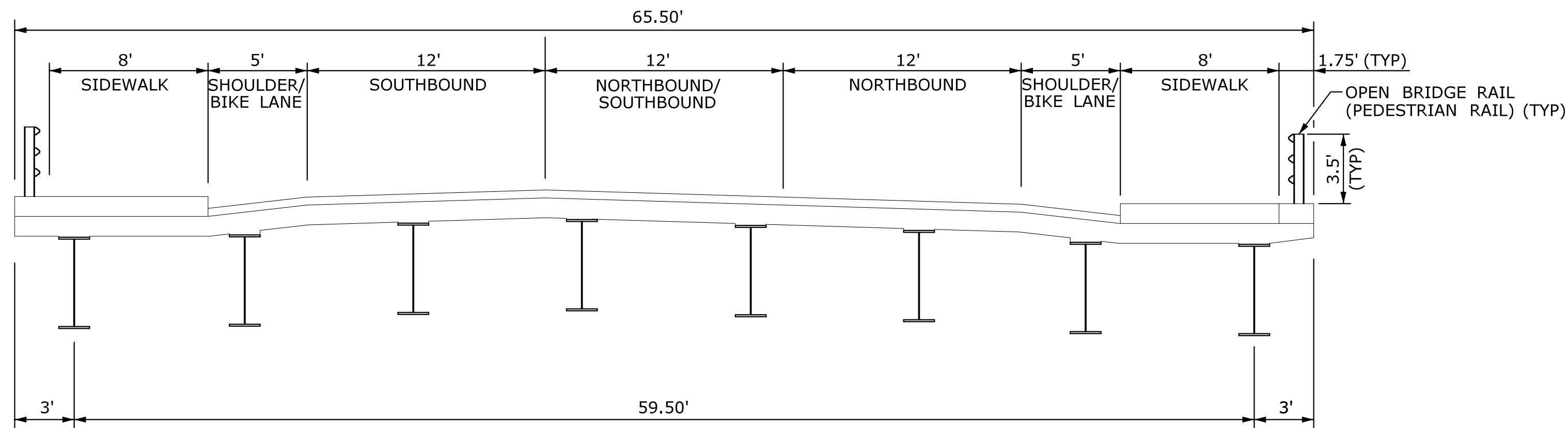
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:
DRAFTER: AJN
CHK: DATE: 07/07/2017
APPROVED:

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. : DRAWING TITLE: TYPICAL SECTIONS		
DRAWING DATE:	HOR. SCALE: 1" = 40' VER. SCALE: 1" = 4'	SHEET NO. 4 OF 21

4/4/2018 P:\Project\CT_Town\Farmington\6054520 Farmington River Crossing\60-CAD-GIS\910 CAD\Highways\Misc_Contract_Sheet_Files\Plan\HW_MSH_FARMINGTON_RIVER_Typ_Section.dgn



TYPICAL BRIDGE SECTION
N.T.S.



REVISIONS	SHEET NO.	REV.	DATE

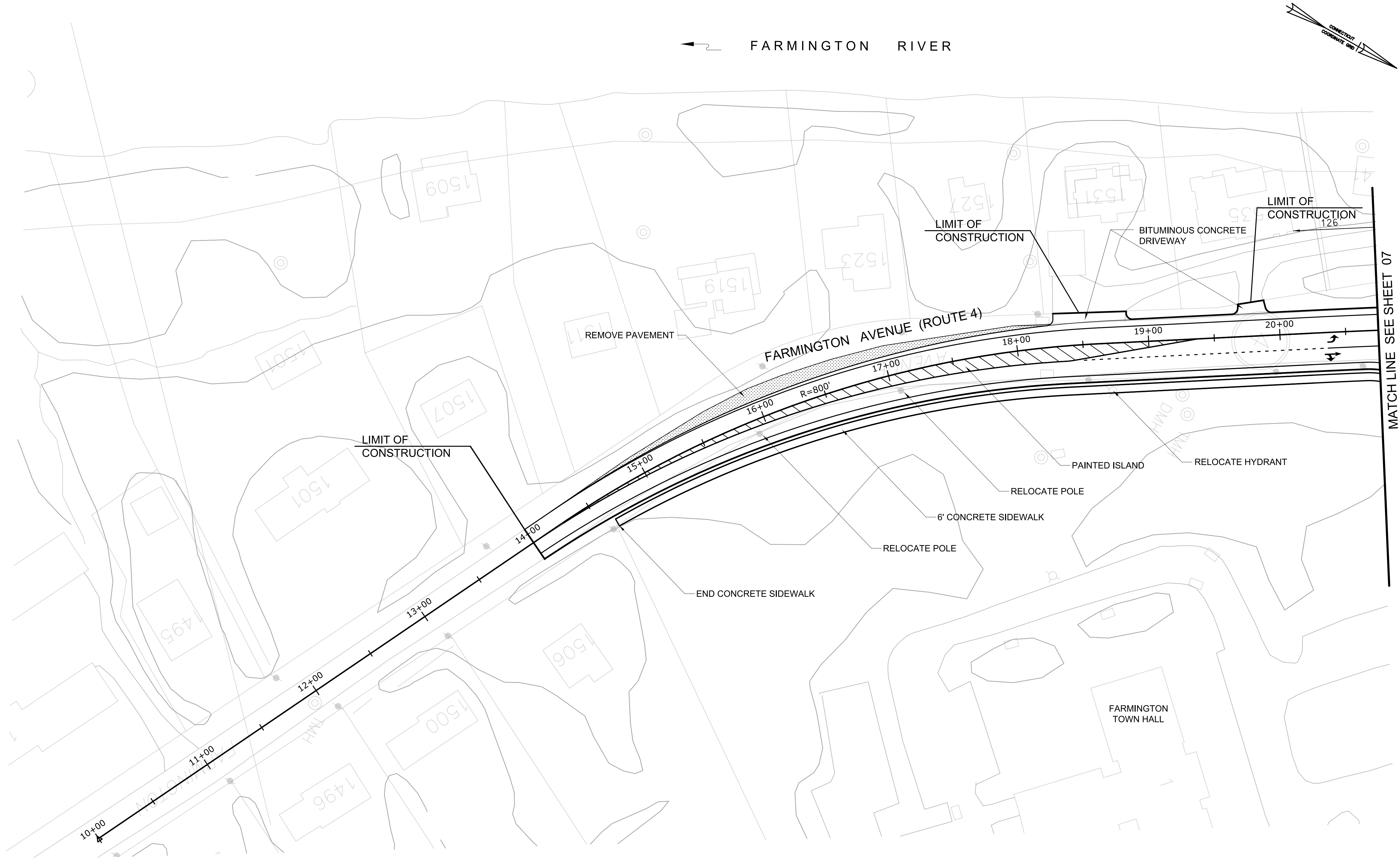
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: FARMINGTON RIVER CROSSING		
PROJECT NO. :		
DRAWING TITLE: TYPICAL SECTIONS		
DRAWING DATE:	HOR. SCALE: 1" = 40'	SHEET NO. 5 OF 21
	VER. SCALE: 1" = 4'	

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REVISIONS	SHEET NO.	REV.	DATE

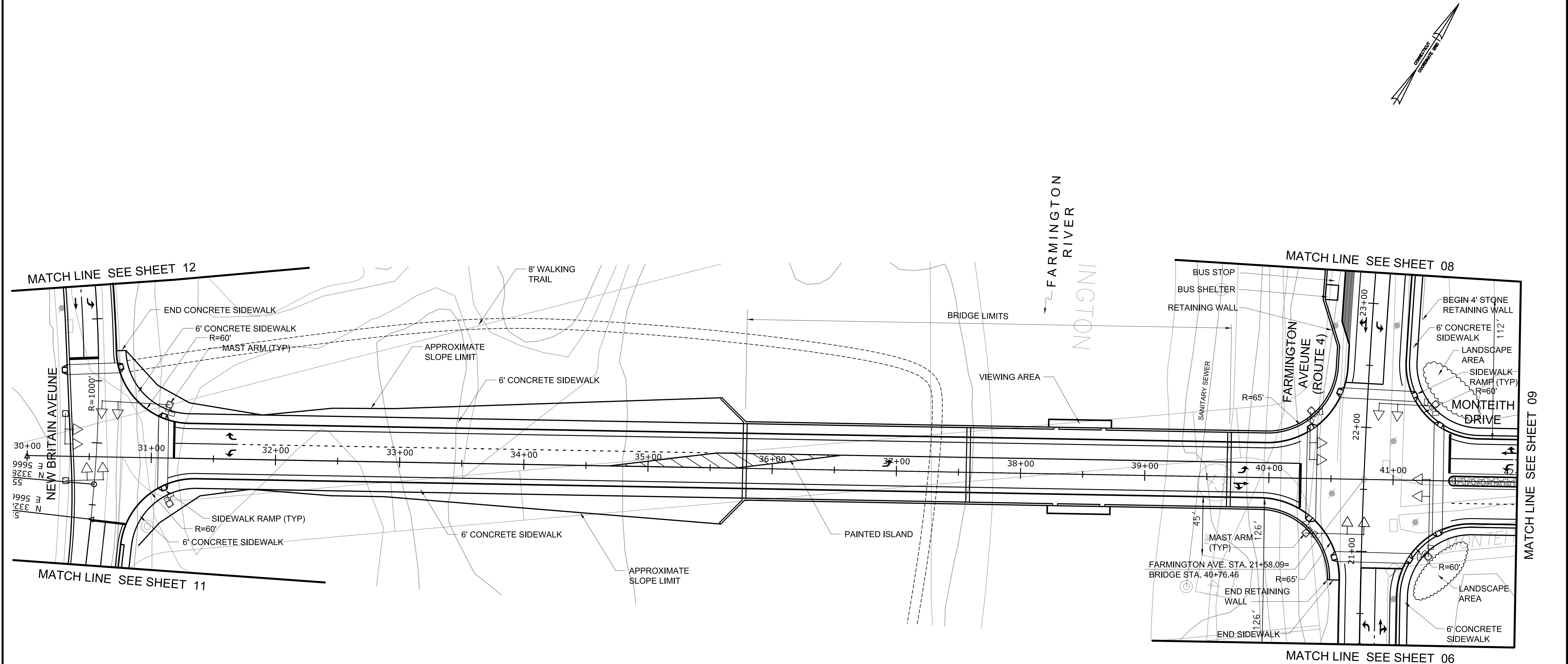
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: FARMINGTON AVENUE (ROUTE 4)		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 6 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

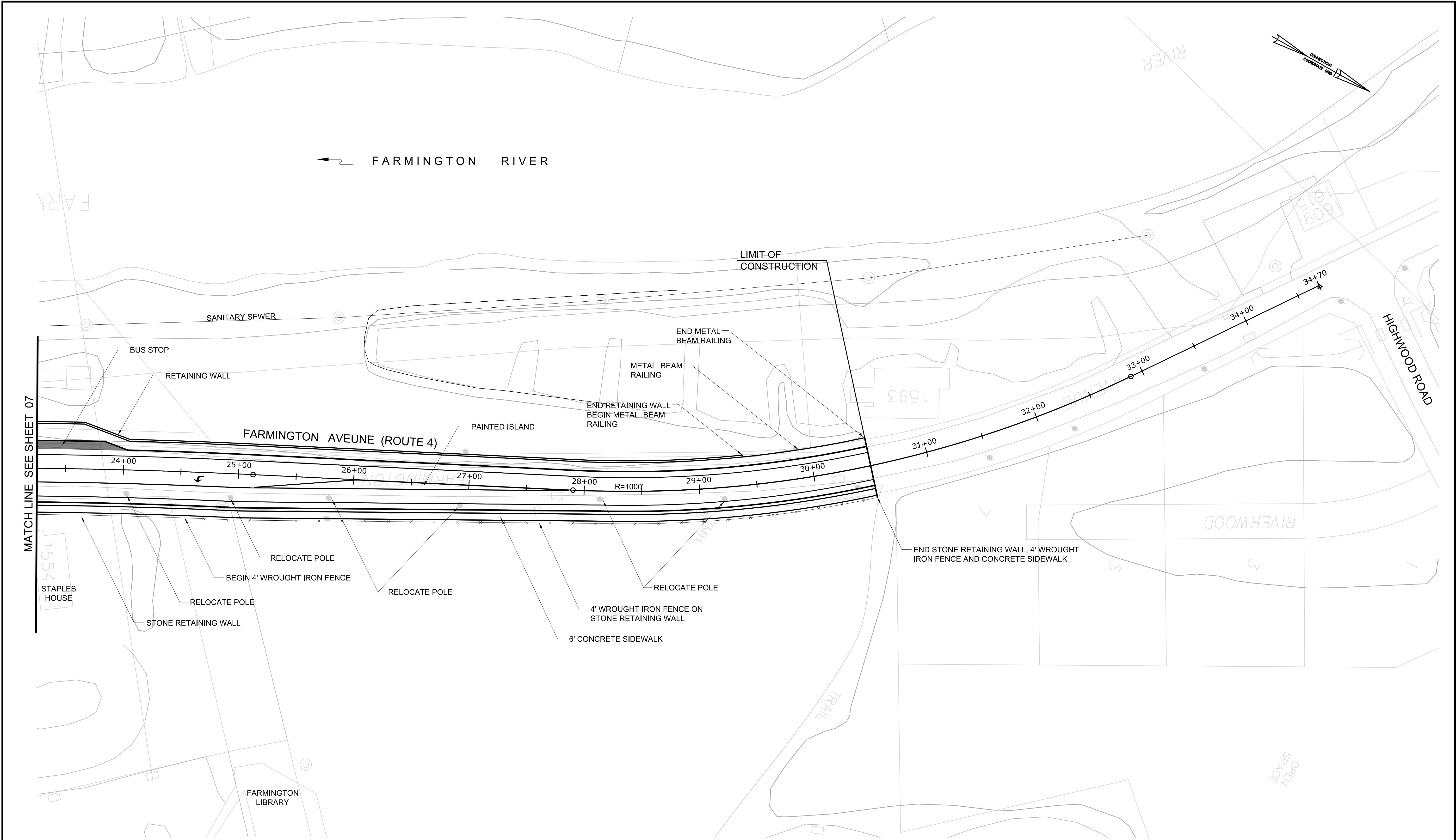
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. : DRAWING TITLE: NEW ROADWAY		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 7 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

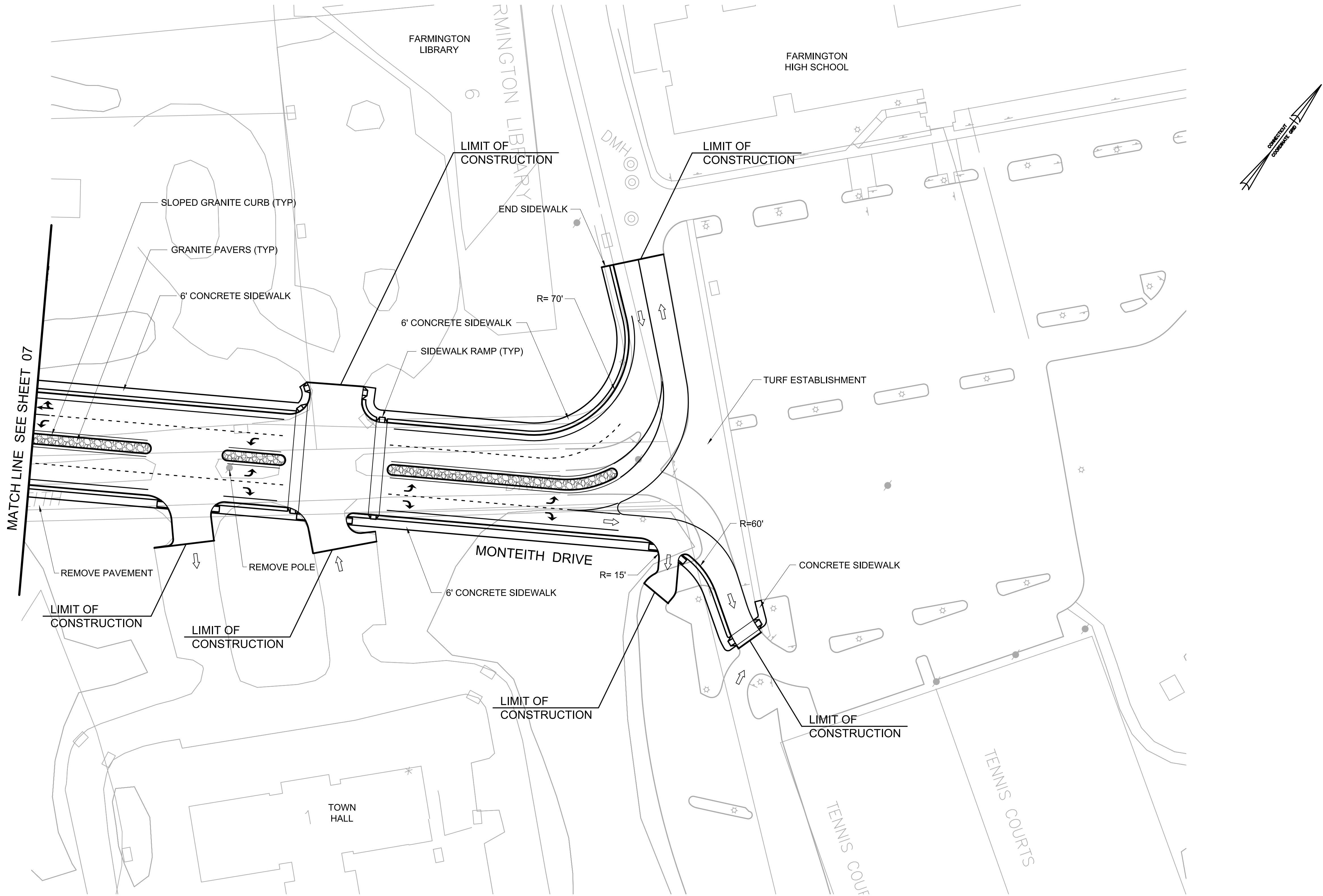
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. :		
DRAWING TITLE: FARMINGTON AVENUE (ROUTE 4)		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 8 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

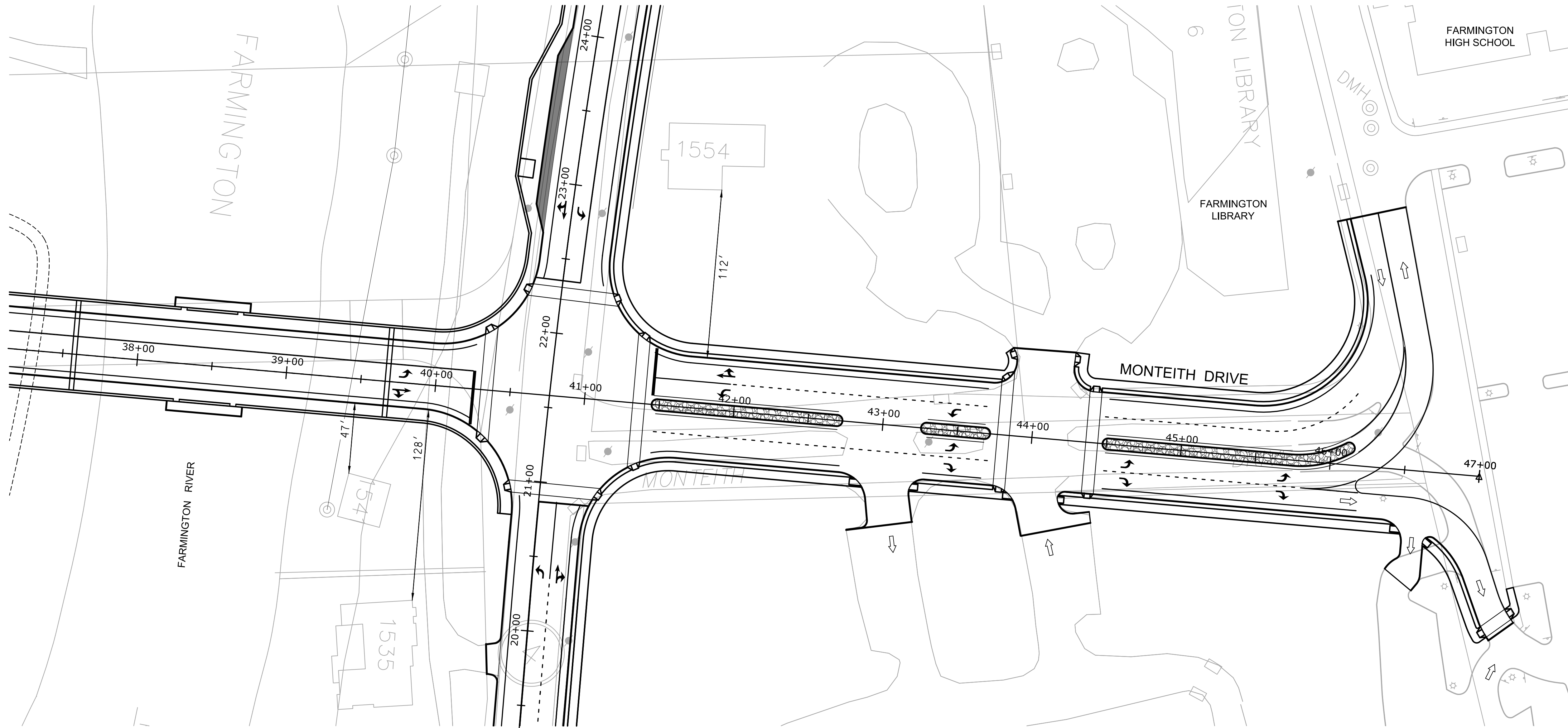
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: MONTEITH DRIVE		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 9 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

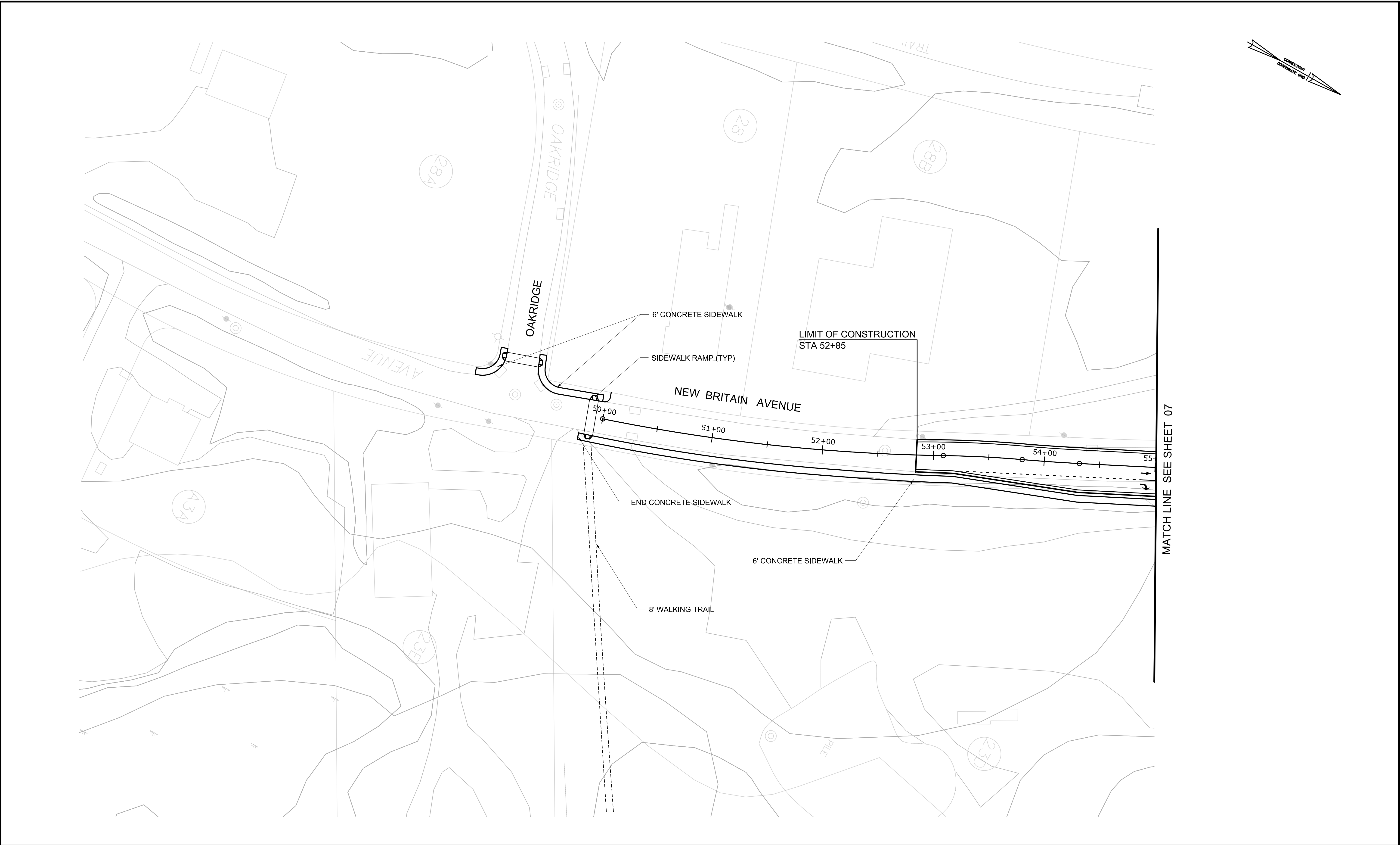
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER
PROJECT NO.:
DRAWING TITLE: MONTEITH DRIVE
DRAWING DATE:
SHEET NO. 10 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

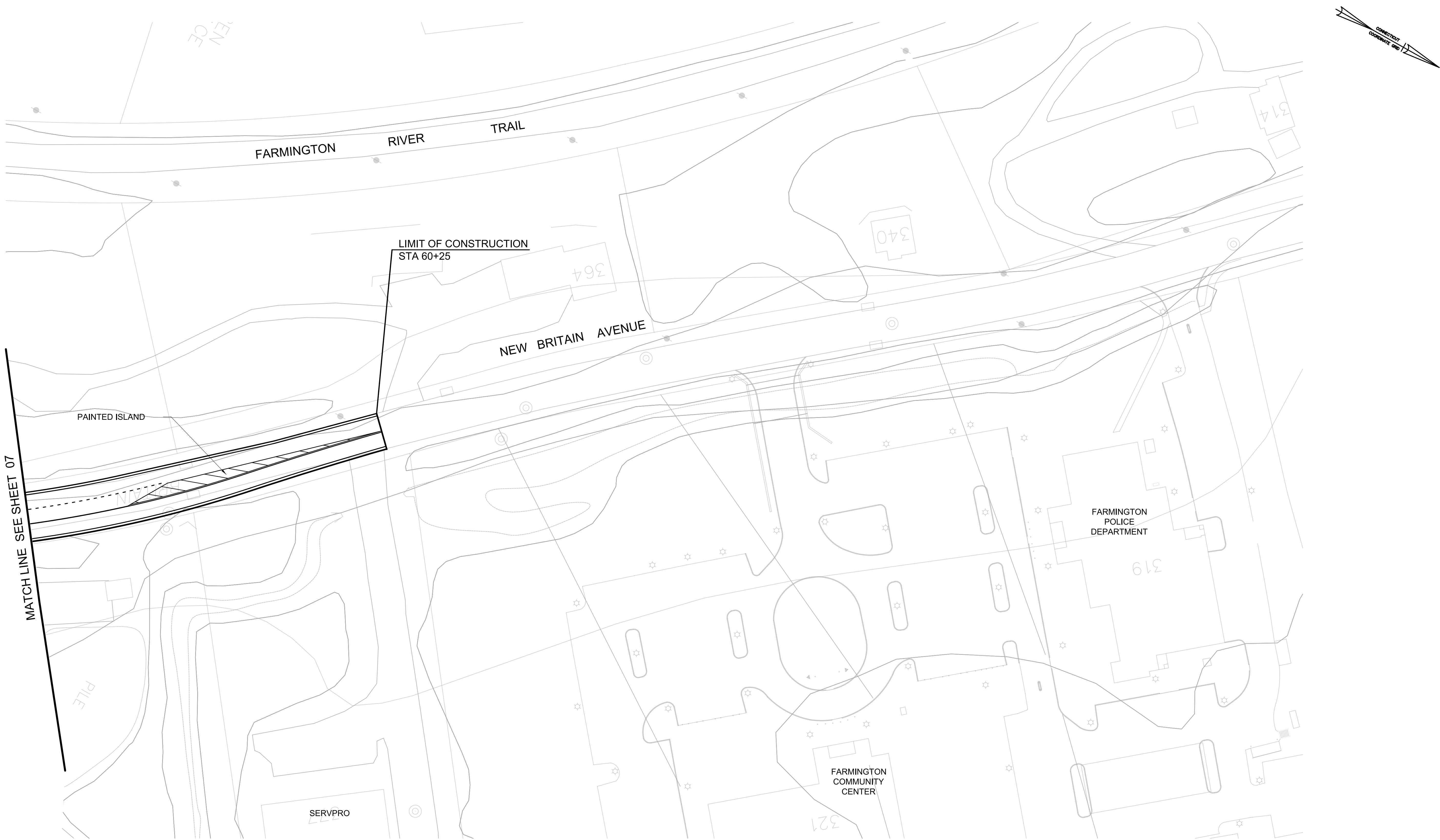
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: NEW BRITAIN AVENUE		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 11 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

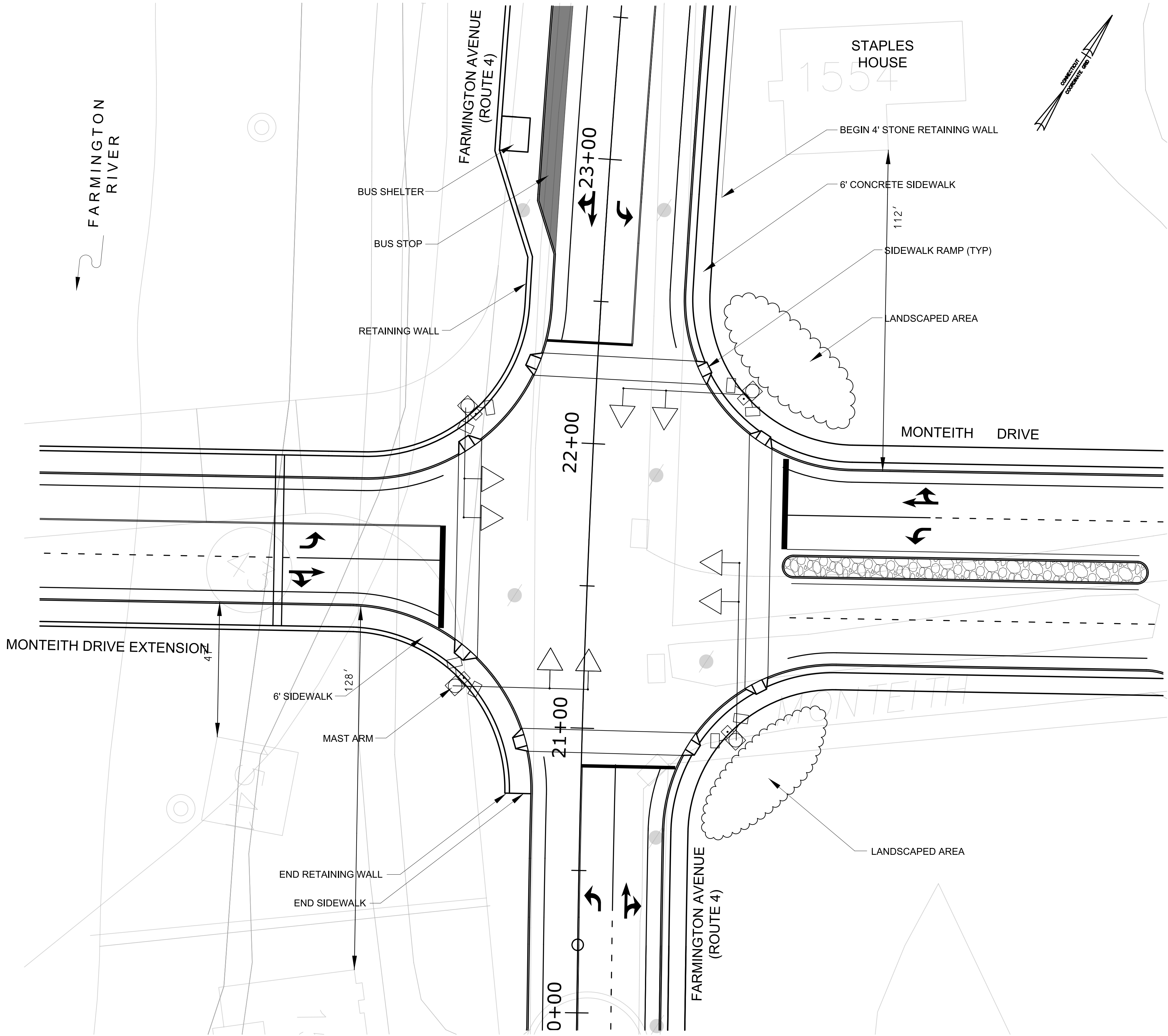
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: NEW BRITAIN AVENUE		
DRAWING DATE:	SCALE: 1" = 40'	SHEET NO. 12 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

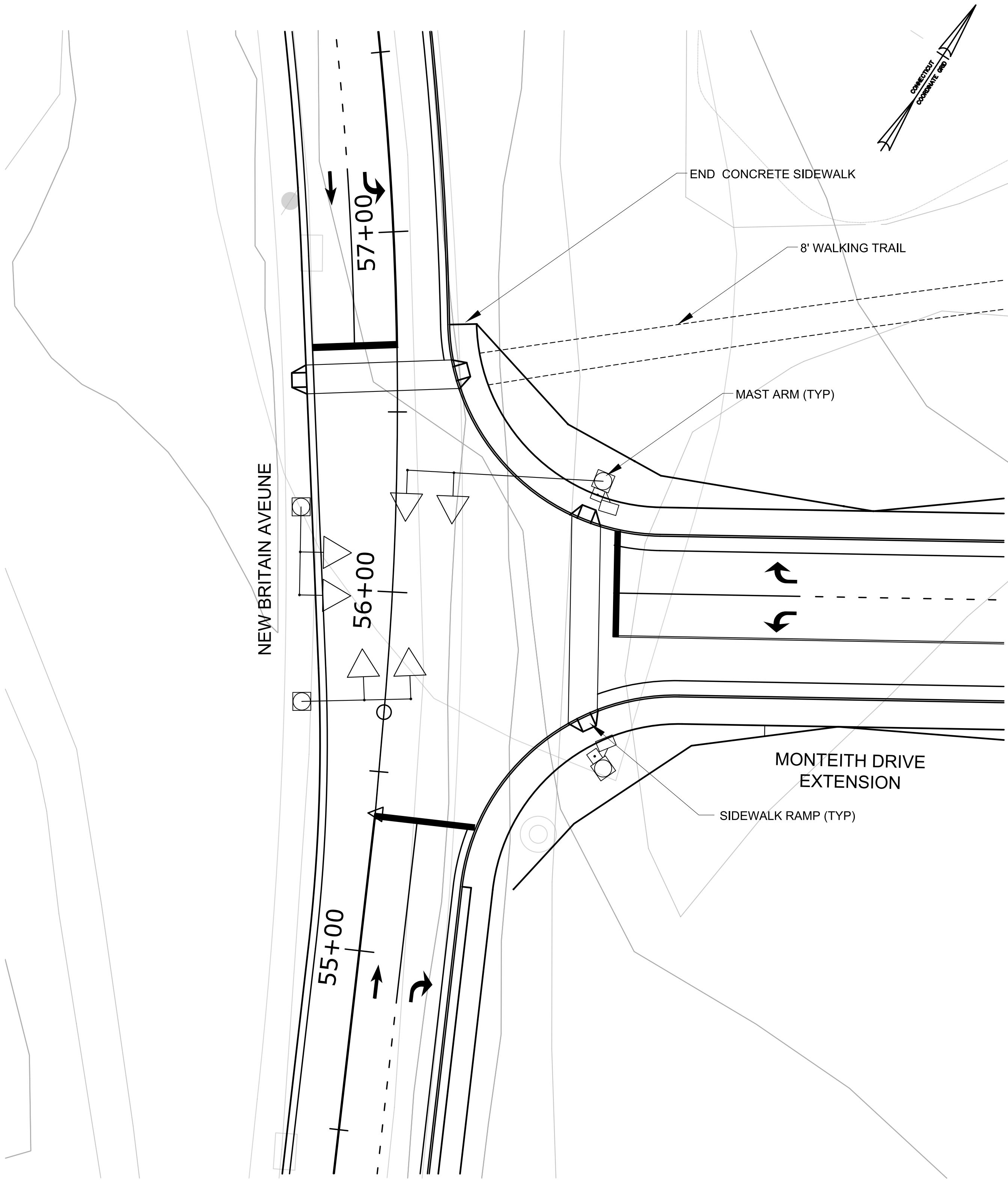
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. : DRAWING TITLE: INTERSECTION PLAN		
DRAWING DATE:	SCALE: 1" = 20'	SHEET NO. 13 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

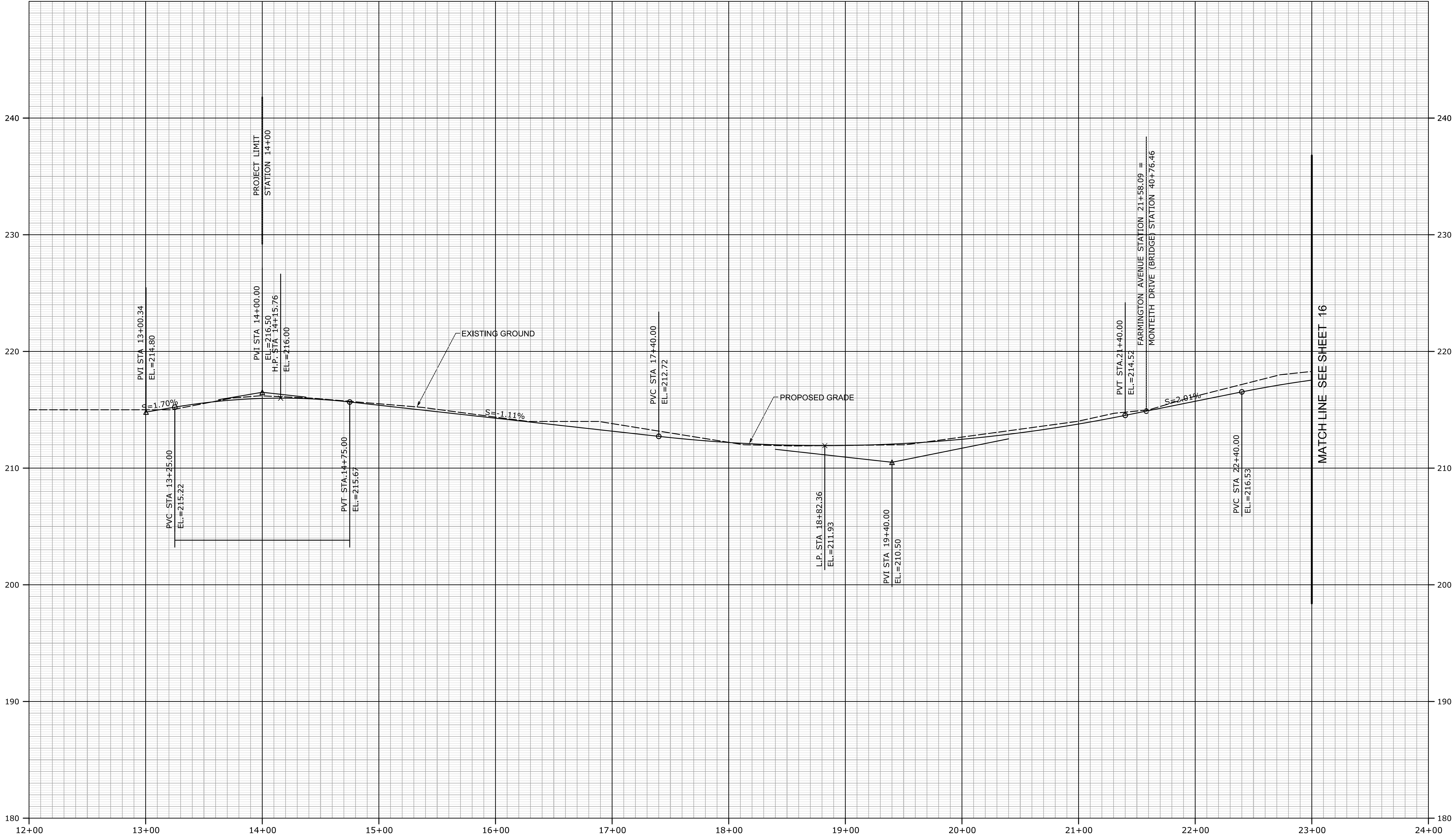
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. :		
DRAWING TITLE: INTERSECTION PLAN		
DRAWING DATE:	SCALE: 1" = 20'	SHEET NO. 14 OF 21

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REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

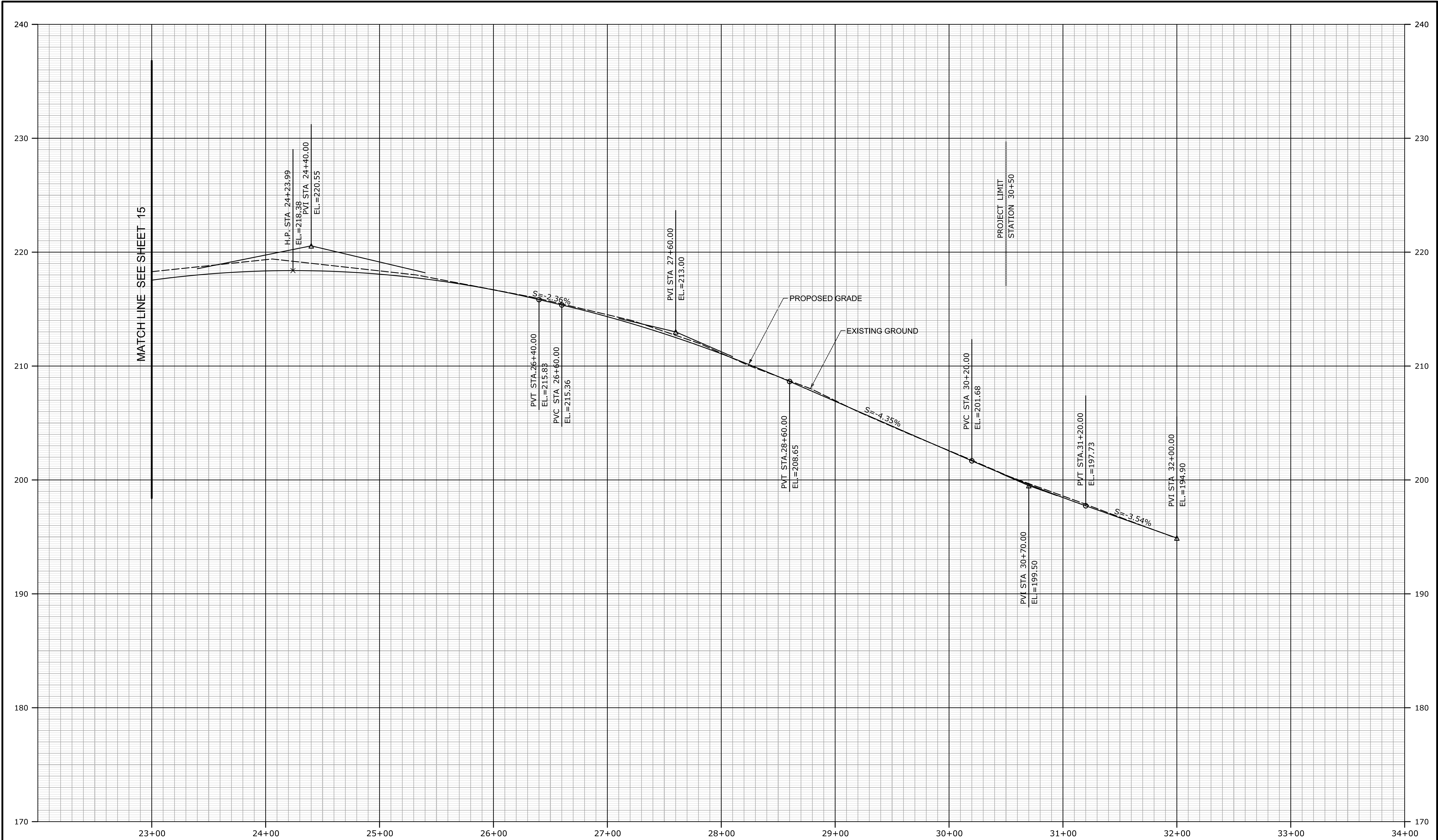
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032
PHONE: (860)675-2305 FAX: (860)675-2319

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: PROFILE - FARMINGTON AVENUE (ROUTE 4)		
DRAWING DATE:	HOR. SCALE: 1" = 40'	SHEET NO. 15 OF 21
	VER. SCALE: 1" = 4'	

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REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

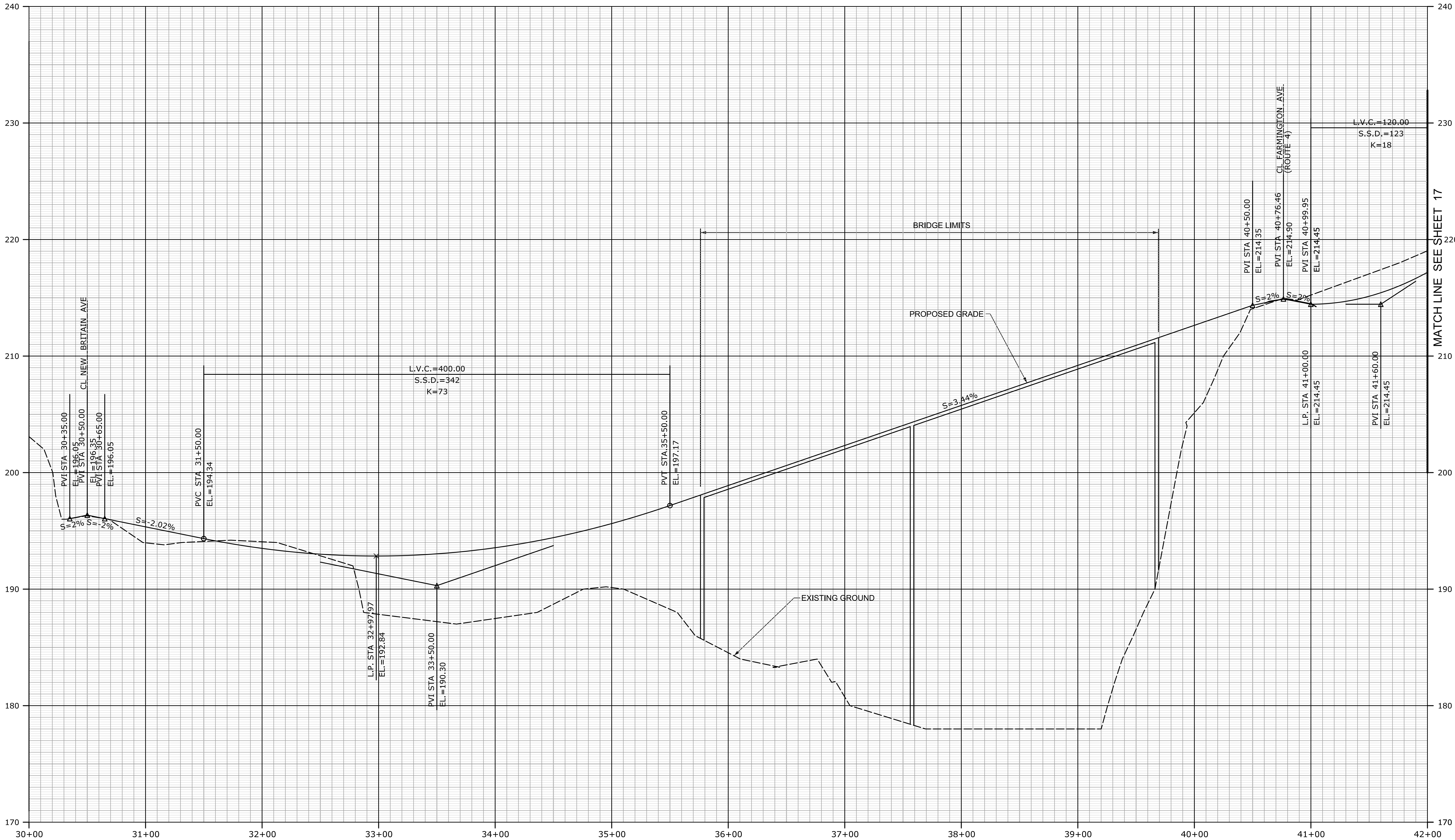
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032
PHONE: (860)675-2305 FAX: (860)675-2319

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: PROFILE - FARMINGTON AVENUE (ROUTE 4)		
DRAWING DATE:	HOR. SCALE: 1" = 40'	SHEET NO. 16 OF 21
	VER. SCALE: 1" = 4'	

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REVISIONS		SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

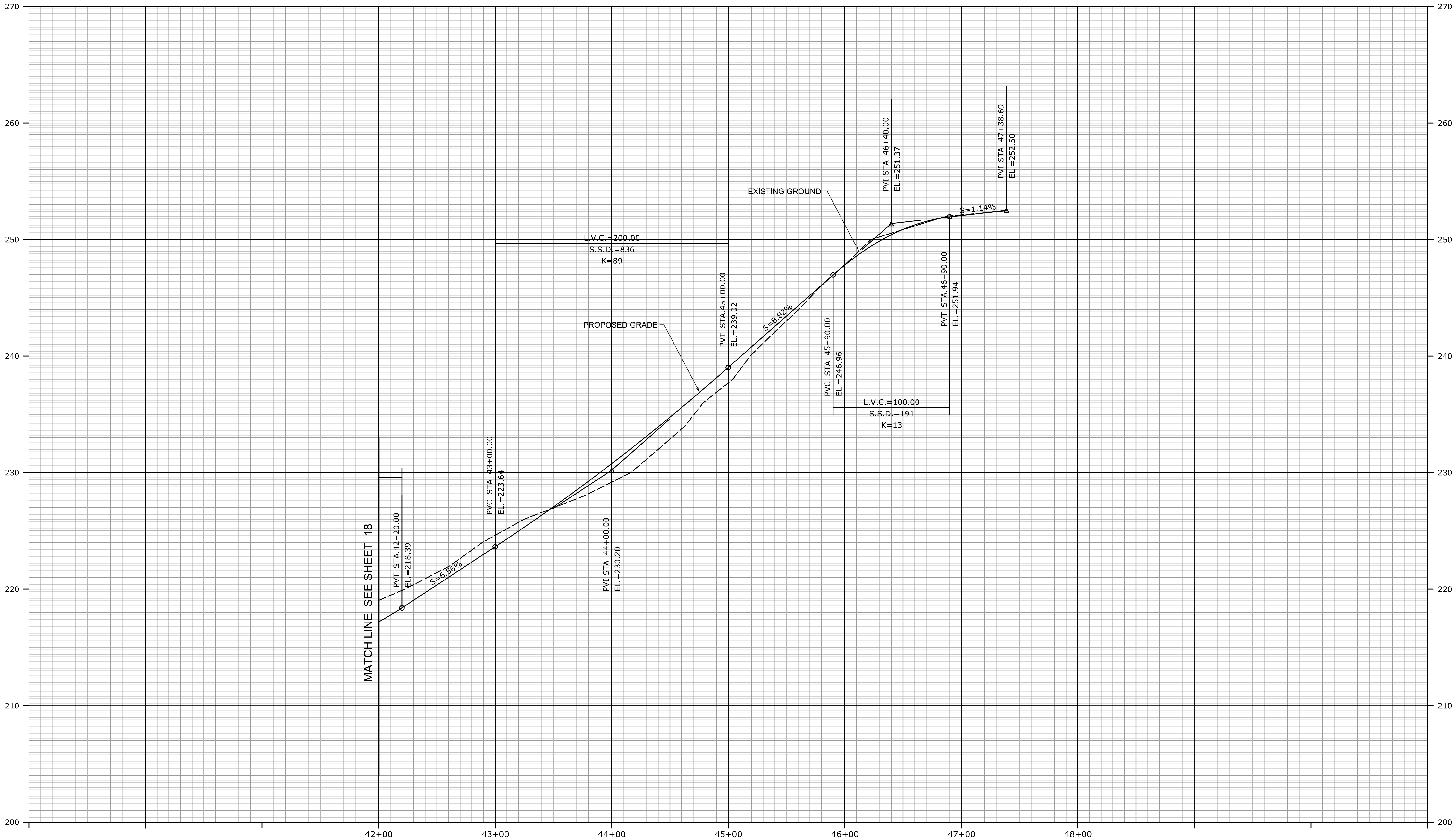
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032
PHONE: (860)675-2305 FAX: (860)675-2319

DESIGNER:
DRAFTER: AJN
CHK: DATE: 07/07/2017
APPROVED:

AECOM

PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: PROFILE - NEW ROADWAY		
DRAWING DATE:	HOR. SCALE: 1" = 40'	SHEET NO. 17 OF 21
	VER. SCALE: 1" = 4'	

P:\Project\CT_Town\Farmington\6034530 Farmington River Crossing\900-CAD\Highways\MSA_Farmington_River_Profile.dgn



REVISIONS		SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

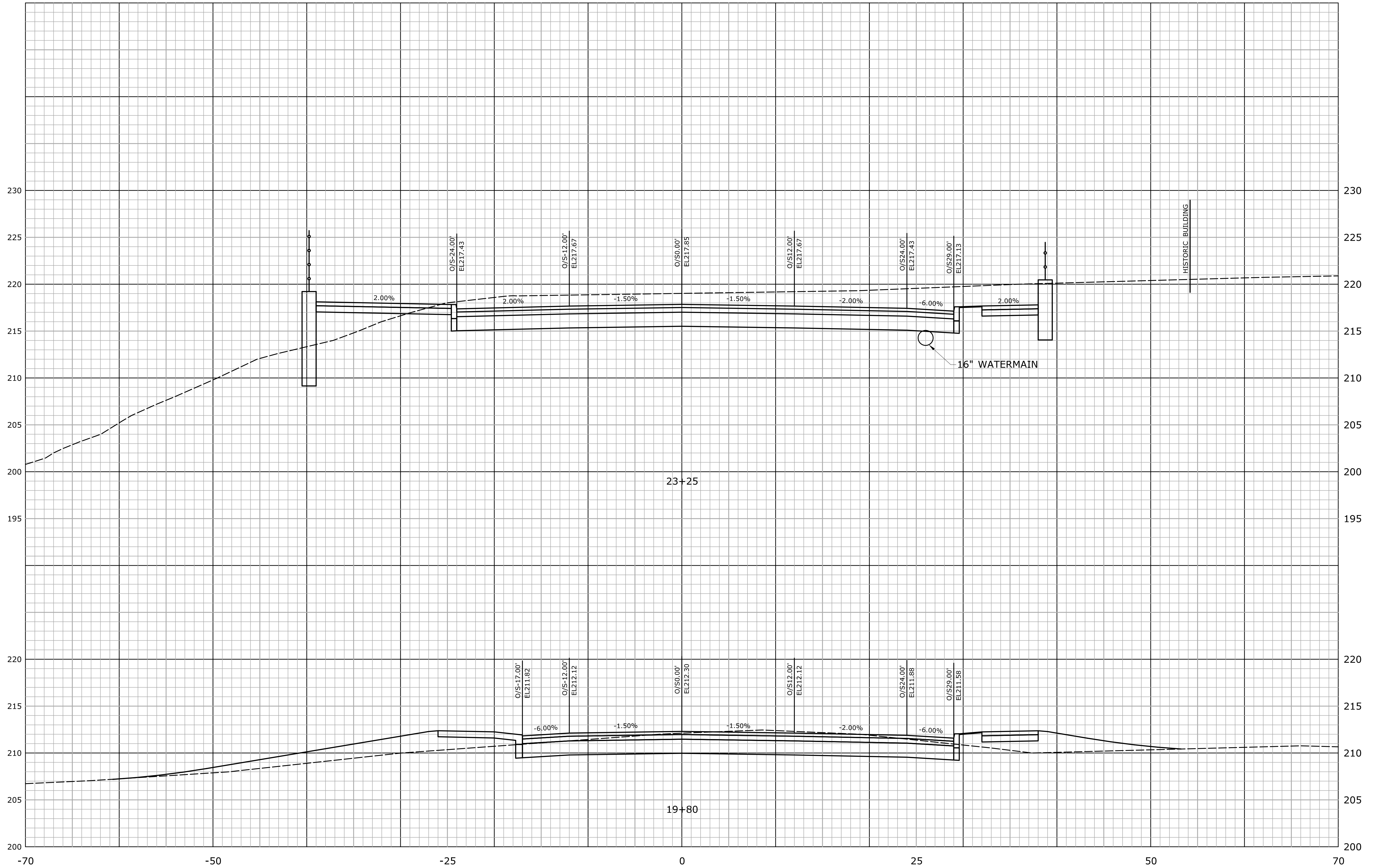
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032
PHONE: (860)675-2305 FAX: (860)675-2319

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO.:		
DRAWING TITLE: PROFILE - MONTEITH DRIVE		
DRAWING DATE:	HOR. SCALE: 1" = 40'	SHEET NO. 18 OF 21
	VER. SCALE: 1" = 4'	

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REVISIONS	SHEET NO.	REV.	DATE

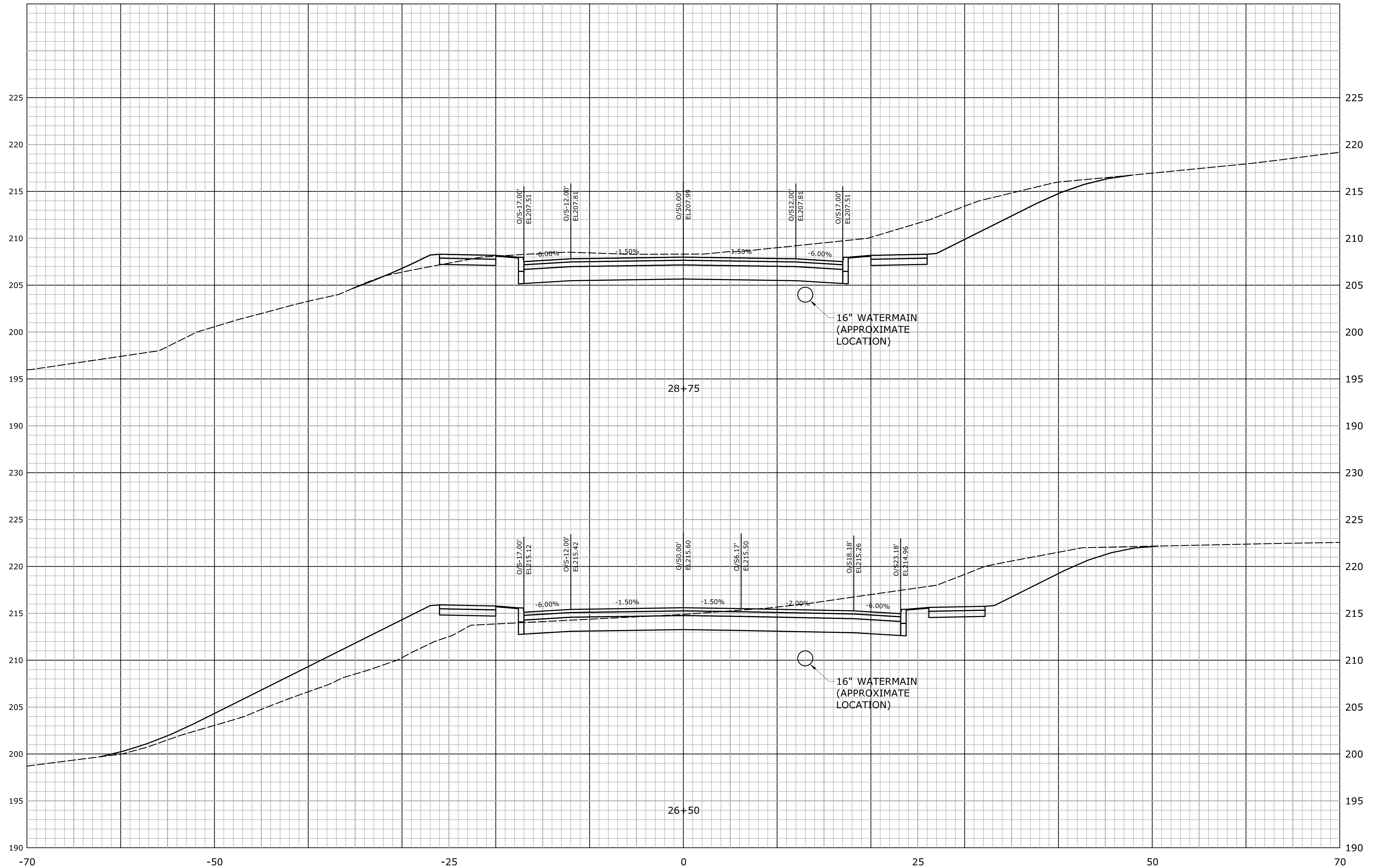
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	

AECOM

PROJECT TITLE:	EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER
PROJECT NO.:	
DRAWING TITLE:	CRITICAL CROSS-SECTIONS - FARMINGTON AVENUE (ROUTE 4)
DRAWING DATE:	HOR. SCALE: AS NOTED VER. SCALE: AS NOTED
SHEET NO.	19 OF 21

P:\Projects\CT_Towns\Farmington\60545530 Farmington River Crossing\800-CAD-GIS\910 CAD\Highways\MSta_Contract_Sheet_Files\Plan\HW_MST_FARMINGTON_RIVER_XSC-02.dgn



REVISIONS	SHEET NO.	REV.	DATE

TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1 MONTEITH DRIVE, FARMINGTON, CONNECTICUT 06032

DESIGNER:	
DRAFTER: AJN	
CHK:	DATE: 07/07/2017
APPROVED:	



PROJECT TITLE: EXTENSION OF MONTEITH DRIVE OVER FARMINGTON RIVER		
PROJECT NO. :		
DRAWING TITLE: CRITICAL CROSS-SECTIONS - FARMINGTON AVENUE (ROUTE 4)		
DRAWING DATE:	HOR. SCALE: AS NOTED SCALE: 1" = 20' VER. SCALE: AS NOTED	SHEET NO. 20 OF 21

