SUBSET 03 - HIGHWAYS
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
IN-01	INDEX OF DRAWINGS	XSC-06	ROUTE 80 CROSS SECTIONS STA. 8+00 TO STA. 8+14
TYP-01	TYPICAL CROSS SECTIONS	TRP-01	TREE REMOVAL PLAN
PLN-01	HIGHWAY PLAN		
PRO-01	FOXON ROAD (ROUTE 80) PROFILE		
GRA-01	GRADING PLAN		
PVT-01	PAVEMENT MARKINGS AND SIGNING PLAN		
STG-01	TYPICAL STAGE CONSTRUCTION SECTIONS		
STG-02	STAGE 1 CONSTRUCTION PLAN		
STG-03	STAGE 2 CONSTRUCTION PLAN		
STG-04	STAGE 3 CONSTRUCTION PLAN		
STG-05	STAGE CONSTRUCTION DETAILS		
STG-06	ROUTE 80 TEMPORARY BYPASS PROFILE		
MDS-01	MISCELLANEOUS DETAILS		
MDS-02	SIGN FACE SHEET ALUMINUM D,RS,E,I,&M SERIES SIGNS TYPICAL DETAILS		
MDS-03	MISCELLANEOUS DETAILS		
XSC-01	ROUTE 80 TEMPORARY BYPASS CROSS SECTIONS		
XSC-02	ROUTE 80 TEMPORARY BYPASS CROSS SECTIONS		
XSC-03	ROUTE 80 CROSS SECTIONS STA. 2+50 TO STA. 3+50		
XSC-04	ROUTE 80 CROSS SECTIONS STA. 4+00 TO STA. 5+00		
XSC-05	ROUTE 80 CROSS SECTIONS STA. 6+50 TO STA. 7+50		

DESIGNED BY:
STV INCORPORATED
185 PLAINS ROAD, SUITE 208E
MILFORD, CT 06461

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

James Sherwonit
2017.07.13
13:06:53-04'00'

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 7/10/2017

DESIGNER/DRAFTER: **MN**

CHECKED BY: **ZB**

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\Subset 03 Index.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

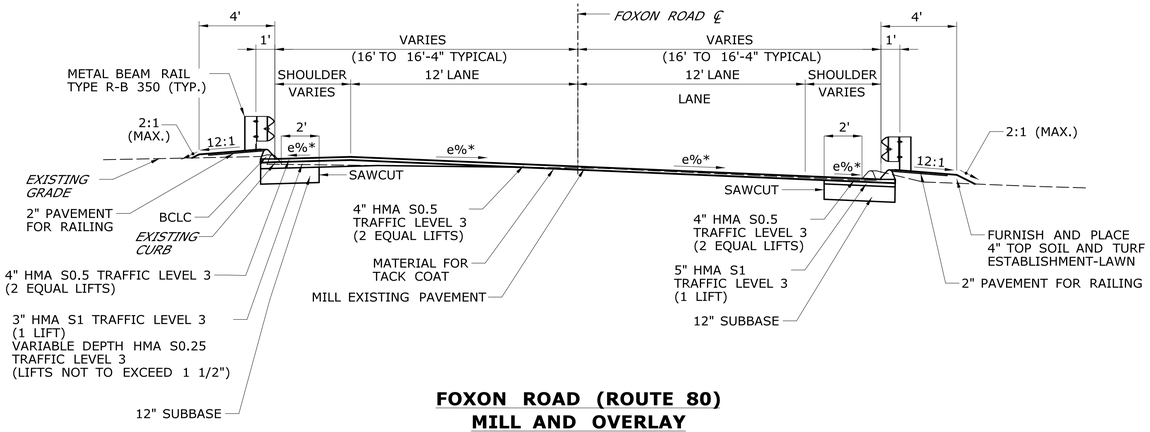
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **INDEX OF DRAWINGS**

PROJECT NO. **98-101**

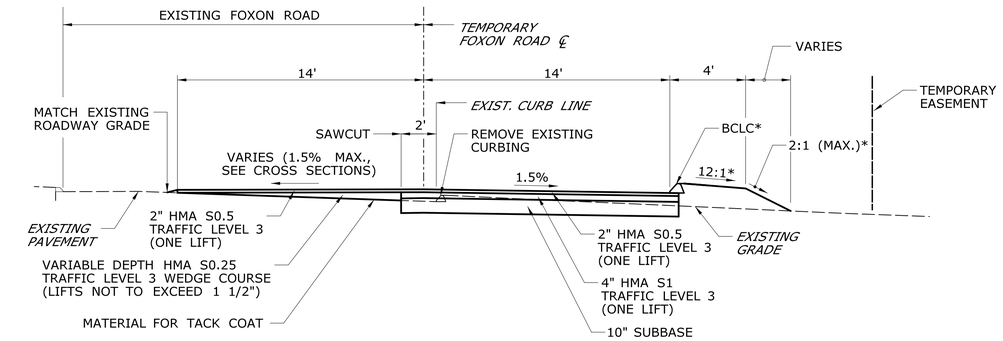
DRAWING NO. **IN-01**

SHEET NO. **03.01**



FOXON ROAD (ROUTE 80)
MILL AND OVERLAY

ROUTE 80 (FOXON ROAD) ℄
STA. 2+70 TO STA. 4+75 AND
STA. 6+75 TO STA. 8+14.2
N.T.S.

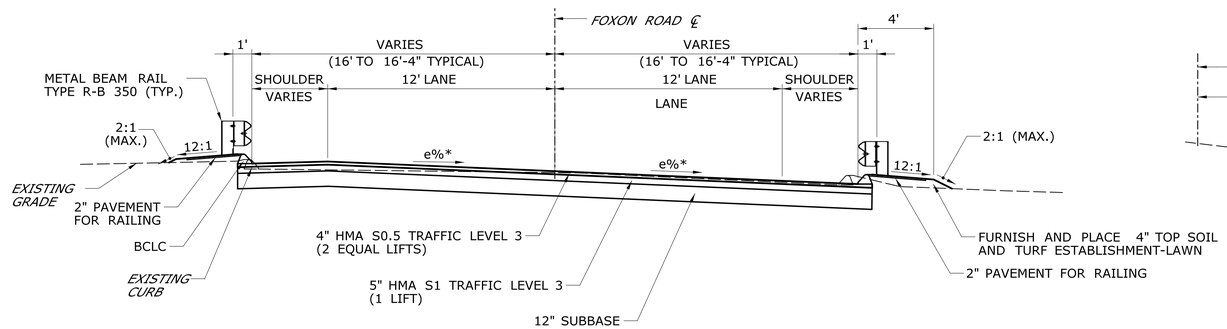


TEMPORARY FOXON ROAD (ROUTE 80)

TEMPORARY FOXON ROAD ℄ STA. 0+34.7 TO STA. 1+73.3
TEMPORARY FOXON ROAD ℄ STA. 4+75.3 TO STA. 6+29.3
N.T.S.

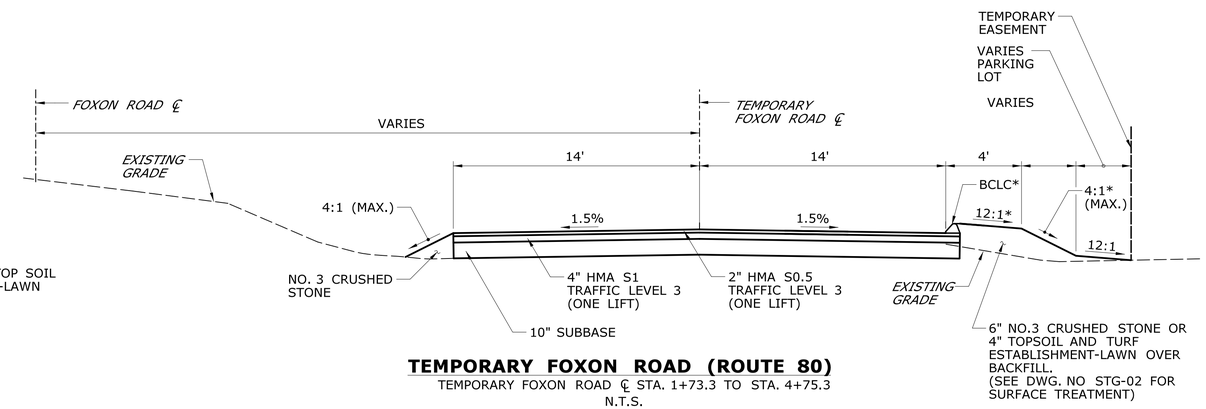
NOTE:

* DENOTES WHERE/AS SHOWN ON CROSS SECTIONS.



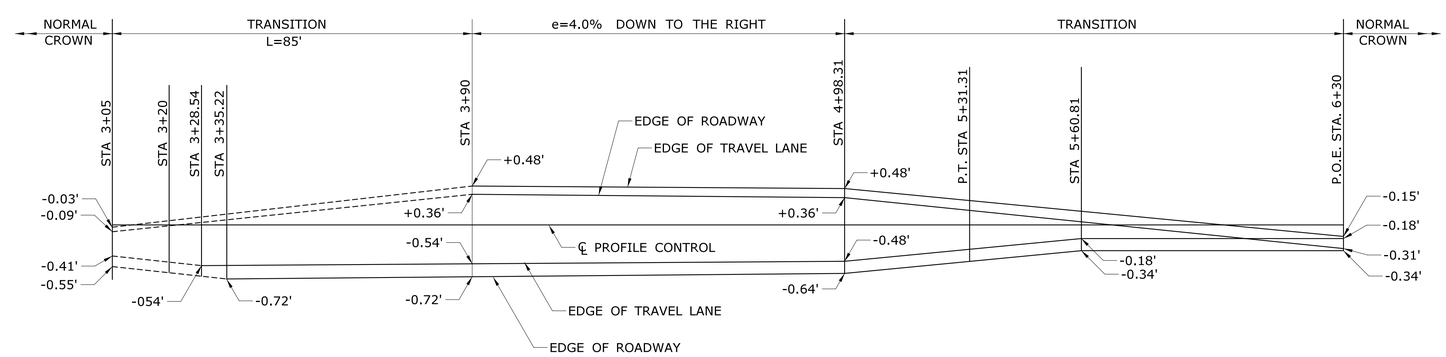
FOXON ROAD (ROUTE 80)
FULL DEPTH PAVEMENT

ROUTE 80 (FOXON ROAD) ℄
STA. 4+75 TO STA. 5+28.2 AND
STA. 6+15.4 TO STA. 6+75
N.T.S.



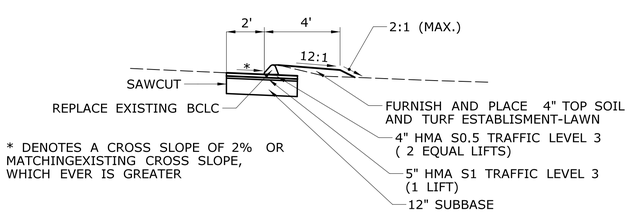
TEMPORARY FOXON ROAD (ROUTE 80)

TEMPORARY FOXON ROAD ℄ STA. 1+73.3 TO STA. 4+75.3
N.T.S.



SUPERELEVATION DIAGRAM

N.T.S.



* DENOTES A CROSS SLOPE OF 2% OR
MATCHINGEXISTING CROSS SLOPE,
WHICH EVER IS GREATER

FOXON ROAD (ROUTE 80)
REPLACE CURBING

ROUTE 80 (FOXON ROAD) ℄
STA. 2+70 TO STA. 3+05 AND
STA. 7+25 TO STA. 8+14.2
N.T.S.

ABBREVIATIONS:

BCLC = BITUMINOUS CONCRETE LIP CURBING

NOTE:

FOR TYPICAL SECTIONS AT THE BRIDGE, INCLUDING
THE APPROACH SLABS, ROUTE 80 (FOXON ROAD) ℄
STA. 5+28 TO STA. 6+15, SEE STRUCTURAL DRAWINGS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted: 6/22/2017

DESIGNER/DRAFTER: RFS/MN
CHECKED BY: ZB
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_TYP-01.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE
NO. 01127 - FOXON ROAD
(ROUTE 80) OVER FARM RIVER

TOWN: NORTH BRANFORD

DRAWING TITLE: TYPICAL CROSS SECTIONS

PROJECT NO. 98-101
DRAWING NO. TYP-01
SHEET NO. 03.02

TEST PIT DATA TABLE

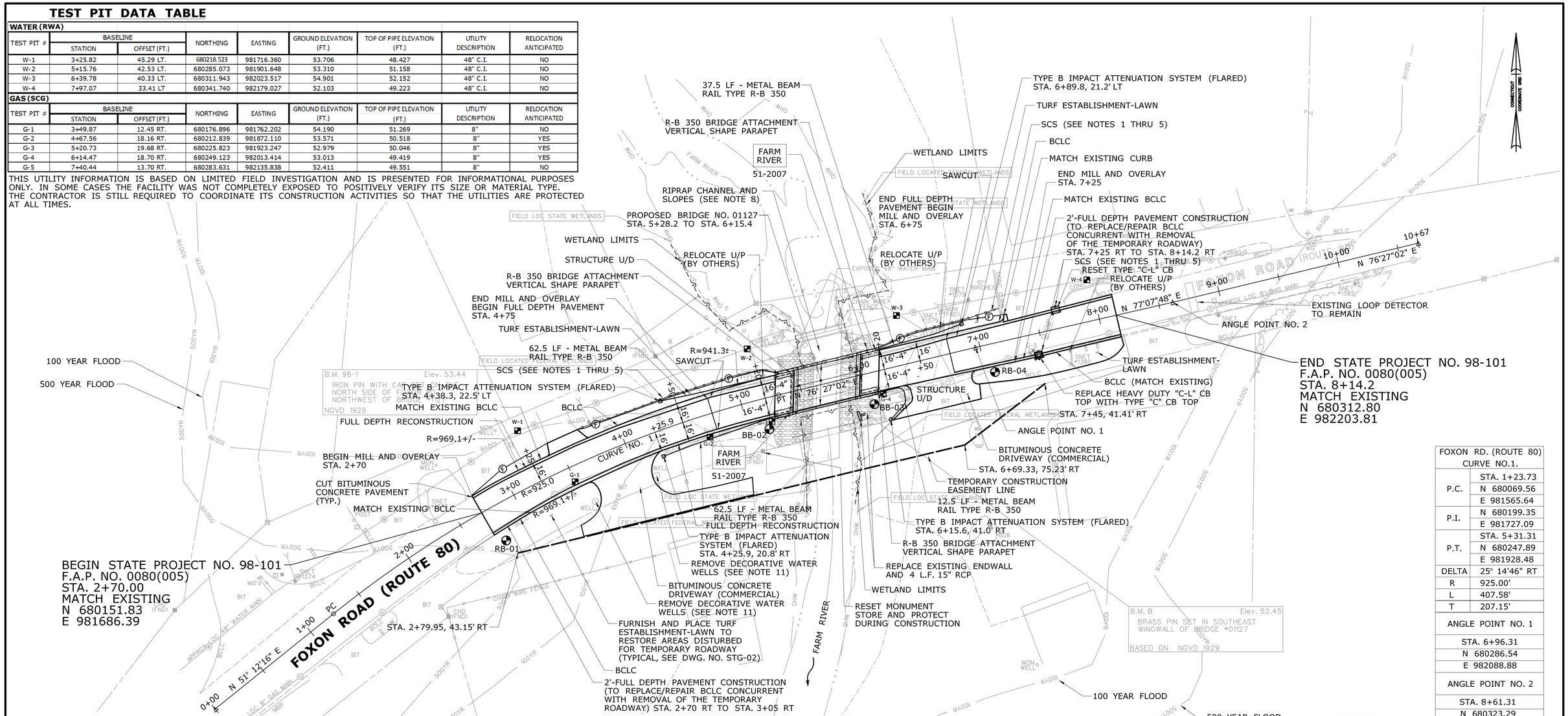
WATER (RWA)

TEST PIT #	BASELINE STATION	BASELINE OFFSET (FT.)	NORTHING	EASTING	GROUND ELEVATION (FT.)	TOP OF PIPE ELEVATION (FT.)	UTILITY DESCRIPTION	RELOCATION ANTICIPATED
W-1	3+25.82	45.29 LT.	680218.523	981716.360	53.706	48.427	48" C.I.	NO
W-2	5+15.76	42.53 LT.	680285.073	981901.648	53.310	51.158	48" C.I.	NO
W-3	6+39.78	40.33 LT.	680311.943	982023.517	54.901	52.152	48" C.I.	NO
W-4	7+97.07	33.41 LT	680341.740	982179.027	52.103	49.223	48" C.I.	NO

GAS (SCG)

TEST PIT #	BASELINE STATION	BASELINE OFFSET (FT.)	NORTHING	EASTING	GROUND ELEVATION (FT.)	TOP OF PIPE ELEVATION (FT.)	UTILITY DESCRIPTION	RELOCATION ANTICIPATED
G-1	3+49.87	12.45 RT.	680176.896	981762.202	54.190	51.269	8"	NO
G-2	4+67.56	18.16 RT.	680212.839	981872.110	53.571	50.518	8"	YES
G-3	5+20.73	19.68 RT.	680225.823	981923.247	52.979	50.046	8"	YES
G-4	6+14.47	18.70 RT.	680249.123	982013.414	53.013	49.419	8"	YES
G-5	7+40.44	13.70 RT.	680283.631	982135.838	52.411	49.551	8"	NO

THIS UTILITY INFORMATION IS BASED ON LIMITED FIELD INVESTIGATION AND IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY. IN SOME CASES THE FACILITY WAS NOT COMPLETELY EXPOSED TO POSITIVELY VERIFY ITS SIZE OR MATERIAL TYPE. THE CONTRACTOR IS STILL REQUIRED TO COORDINATE ITS CONSTRUCTION ACTIVITIES SO THAT THE UTILITIES ARE PROTECTED AT ALL TIMES.



FOXON RD. (ROUTE 80) CURVE NO.1.	
P.C.	STA. 1+23.73
	N 680069.56
	E 981565.64
P.I.	N 680199.35
	E 981727.09
P.T.	STA. 5+31.31
	N 680247.89
	E 981928.48
DELTA	25° 14'46" RT
R	925.00'
L	407.58'
T	207.15'
ANGLE POINT NO. 1	
STA. 6+96.31	
N 680286.54	
E 982088.88	
ANGLE POINT NO. 2	
STA. 8+61.31	
N 680323.29	
E 982249.74	

NOTES:

1. FOR LIMITS OF SEDIMENTATION CONTROL SYSTEMS ON SOUTH SIDE, SEE STAGING PLANS.

NOTES, 2 THRU 5, ARE PROVIDED IN CONJUNCTION WITH THE SPECIAL PROVISION "SECTION 1.10 - ENVIRONMENTAL COMPLIANCE" AS GUIDANCE REGARDING THE PROTECTION OF THE "EASTERN BOX TURTLE". THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL DIRECTION FROM THE ENGINEER.

2. THE CONTRACTOR SHALL NOT COMMENCE ANY CONSTRUCTION ACTIVITIES BETWEEN FIRST OF APRIL AND FIRST OF NOVEMBER WITHOUT NOTIFYING THE ENGINEER AND COORDINATING THE WORK WITH CONNDOT ENVIRONMENTAL INSPECTOR AT LEAST 10 DAYS IN ADVANCE OF THE SCHEDULED WORK.

3. THE CONSTRUCTION ACTIVITY SHALL BE SCHEDULED ACCORDINGLY TO ALLOW DISTURBED SOILS AND/OR VEGETATIVE COVER TO COMPLETELY STABILIZE AND THE CONTRACTOR SHALL REMOVE ANY AND ALL PREVIOUSLY INSTALLED SEDIMENTATION CONTROL SYSTEM PRIOR TO THE TIME PERIODS STATED IN NOTE 2 ABOVE.

4. SEDIMENTATION CONTROL SYSTEMS SHALL NOT BE EMBEDDED INTO THE GROUND AND/OR INSTALLED WITH PLASTIC NETTING.

5. THE CONTRACTOR SHALL USE THE APPROVED OFF-SITE WASTE STOCKPILE AREA TO STOCKPILE EXCAVATED MATERIALS. IF APPROVAL IS GRANTED BY THE ENGINEER TO STOCKPILE EXCAVATED MATERIALS WITHIN THE PROJECT LIMITS, THE STOCKPILE SHALL BE LOCATED IN AN AREA WHERE IT MAY CORDONED WITH SILT FENCE INSTALLED IN ACCORDANCE WITH NOTE 4 ABOVE.

6. THE CONTRACTOR SHALL MAINTAIN EXISTING MAILBOXES AND BUSINESS SIGNS AND NOTIFY THE ENGINEER IF ANY MAILBOXES AND/OR BUSINESS SIGNS NEED TO BE RELOCATED TO ACCOMMODATE THE CONSTRUCTION.

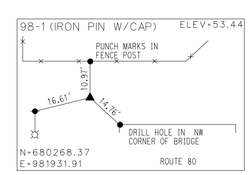
7. THIS PLAN SHOWS ALL THE WORK NECESSARY TO CONSTRUCT THE PERMANENT ROADWAY AND SUBSEQUENT REMOVAL OF THE TEMPORARY ROADWAY AND RESTORATION OF DISTURBED AREAS TO ORIGINAL CONDITIONS. FOR CONSTRUCTION OF THE TEMPORARY ROADWAY INCLUDING ASSOCIATED TEMPORARY TRAFFIC CONTROL, SEE DWG. NO. STG-02 THRU DWG. NO. STG-05.

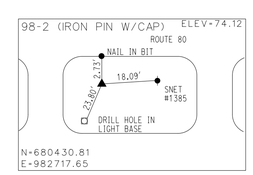
8. ADDITIONAL DETAILS ARE SHOWN ON DWG. NO. MDS-01.

9. FOR LIMITS OF TEMPORARY ROADWAY, ADDITIONAL SLOPE LIMITS AND SURFACE TREATMENTS SEE DWG. NOS. STG-02 AND STG-04.

10. THE CONTRACTOR SHALL INSTALL 2" PAVEMENT FOR RAILING UNDER ALL METAL BEAM RAILING (END ANCHORAGE NOT INCLUSIVE) AS SHOWN ON THE TYPICAL CROSS SECTIONS IN ACCORDANCE WITH SECTION 9.25 OF THE FORM 817. THE WIDTH OF THE PAVEMENT FOR RAILING SHALL BE 3'±BUT SHALL EXTEND TO THE CURBING WHERE THE METAL BEAM RAILING FLARES AWAY FROM THE CURBING.

11. THE CONTRACTOR SHALL REMOVE, PROTECT, AND STORE DECORATIVE WATER WELLS IN COOPERATION WITH THE ENGINEER AND PROPERTY OWNER.





LEGEND:

RB-01	ROADWAY BORING, LOCATION AND NAME
BB-02	BRIDGE BORING, LOCATION AND NAME
W-1	WATER TEST PIT, LOCATION AND NAME
G-1	GAS TEST PIT, LOCATION AND NAME

ABBREVIATIONS:

SCS = SEDIMENTATION CONTROL SYSTEM
PT = POINT OF TANGENCY
PI = POINT OF INTERSECTION
PC = POINT OF CURVATURE
U/P = UTILITY POLE
CB = CATCH BASIN
U/D = UNDERDRAIN
CHD = CONNECTICUT HIGHWAY DEPARTMENT
BCLC = BITUMINOUS CONCRETE LIP CURBING

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/10/2017

DESIGNER/DRAFTER: JS/MN
CHECKED BY: ZB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_PLN-01.dgn

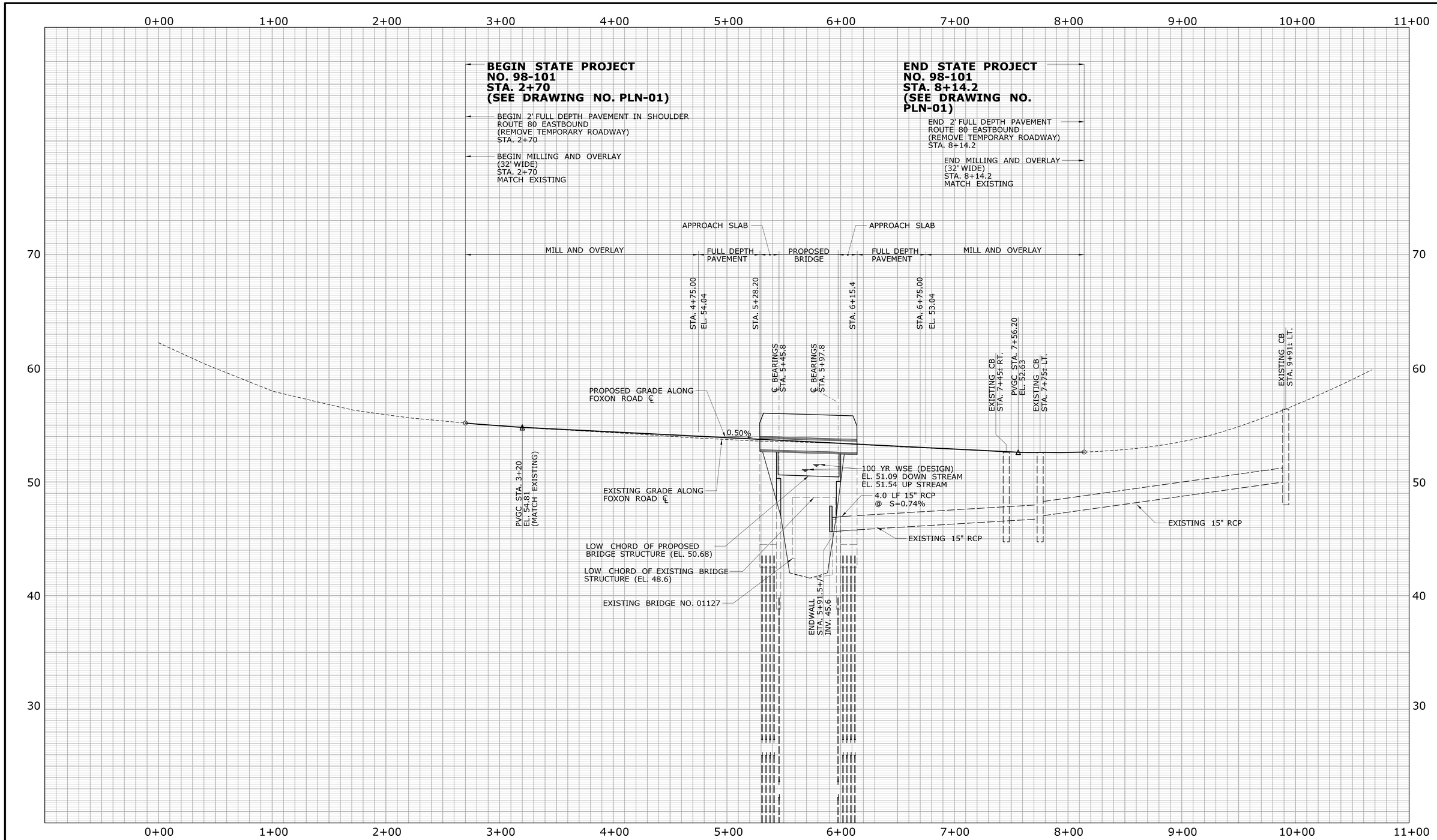
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **HIGHWAY PLAN**

PROJECT NO. **98-101**
DRAWING NO. **PLN-01**
SHEET NO. **03.03**



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Plotted Date: 6/22/2017

DESIGNER/DRAFTER: **JS/MN**

CHECKED BY: **ZB**

HORIZ. SCALE IN FEET 0 40 80

VERT. SCALE IN FEET 0 4 8

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_PRO-01.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **FOXON ROAD (ROUTE 80) PROFILE**

PROJECT NO. **98-101**

DRAWING NO. **PRO-01**

SHEET NO. **03.04**

500 YEAR FLOOD PLAIN BOUNDARY (TYP.)

100 YEAR FLOOD PLAIN BOUNDARY (TYP.)

NORMAN A. ALDRICH, TRUSTEE

TOTOKET LAND HOLDINGS LLC

SUBJECT TO AN EASEMENT FOR STOCKING AND FISHING THE FARM RIVER IN FAVOR OF THE STATE OF CONNECTICUT (D.E.E.P.)

SUBJECT TO A UTILITY EASEMENT IN FAVOR OF UNITED ILLUMINATING CO. & S.N.E.T.

SUBJECT TO A UTILITY EASEMENT IN FAVOR OF AT&T

N/F TOTOKET LAND HOLDINGS LLC

SEE GRADING PLAN DETAIL ON DRAWING NO.MDS-01 FOR ADDITIONAL GRADING DETAIL ADJACENT TO THE BRIDGE

PROPOSED BRIDGE NO. 01127

N/F ANTHONY L. BATTISTA

N/F LEEMILTS PETROLEUM, INC.

SUBJECT TO AN EASEMENT FOR ELECTRIC LINES IN FAVOR OF CL&P

RIGHT TO USE LAND OF 108 FOXON ROAD LLC FOR DRIVEWAY PURPOSES

N/F 108 FOXON ROAD LLC

PROPOSED CHANNEL EMBANKMENT CONTOUR (BELOW BRIDGE, TYP.)

PROPOSED ROADWAY CONTOUR (ABOVE BRIDGE)

℄ PROPOSED FOXON ROAD

H.P. EL. 53.5

PI STA. 8+61.31

PI STA. 6+96.31

PI STA. 3+31.31

POC STA.10+67.15 FOXON RD. ℄

END STATE PROJECT NO. 98-101
F.A.P. NO. 0080(005)
STA. 8+14.2
N 680312.80
E 982203.81

N/F RICHARD R. DELLAVOLPE, JR.

TYPE 'C' CATCH BASIN
T.F. = 51.9

100 YEAR FLOOD PLAIN BOUNDARY (TYP.)

500 YEAR FLOOD PLAIN BOUNDARY (TYP.)

BEGIN STATE PROJECT NO. 98-101
F.A.P. NO. 0080(005)
STA. 2+70
N 680151.83
E 981686.39

FOXON ROAD (ROUTE 80)

TEMPORARY EASEMENT LINE

WETLAND LIMITS

FLOODWAY LIMITS (TYP.)

FARM RIVER

N/F SCARPA LLC

N/F TWC REALTY LLC

N/F EDWARDS L ADAMS

POB STA. 0+00.00 FOXON RD. ℄

PC STA. 1+21.73

NOTE:

1. NOT ALL CONTOUR LABELS ARE SHOWN FOR CLARITY. FOR GRADING DETAIL AT BRIDGE, SEE DRAWING NO. MDS-01.

LEGEND

53 — ONE FOOT CONTOUR

53.5 — HALF FOOT CONTOUR

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/22/2017

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SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_GRA-01.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

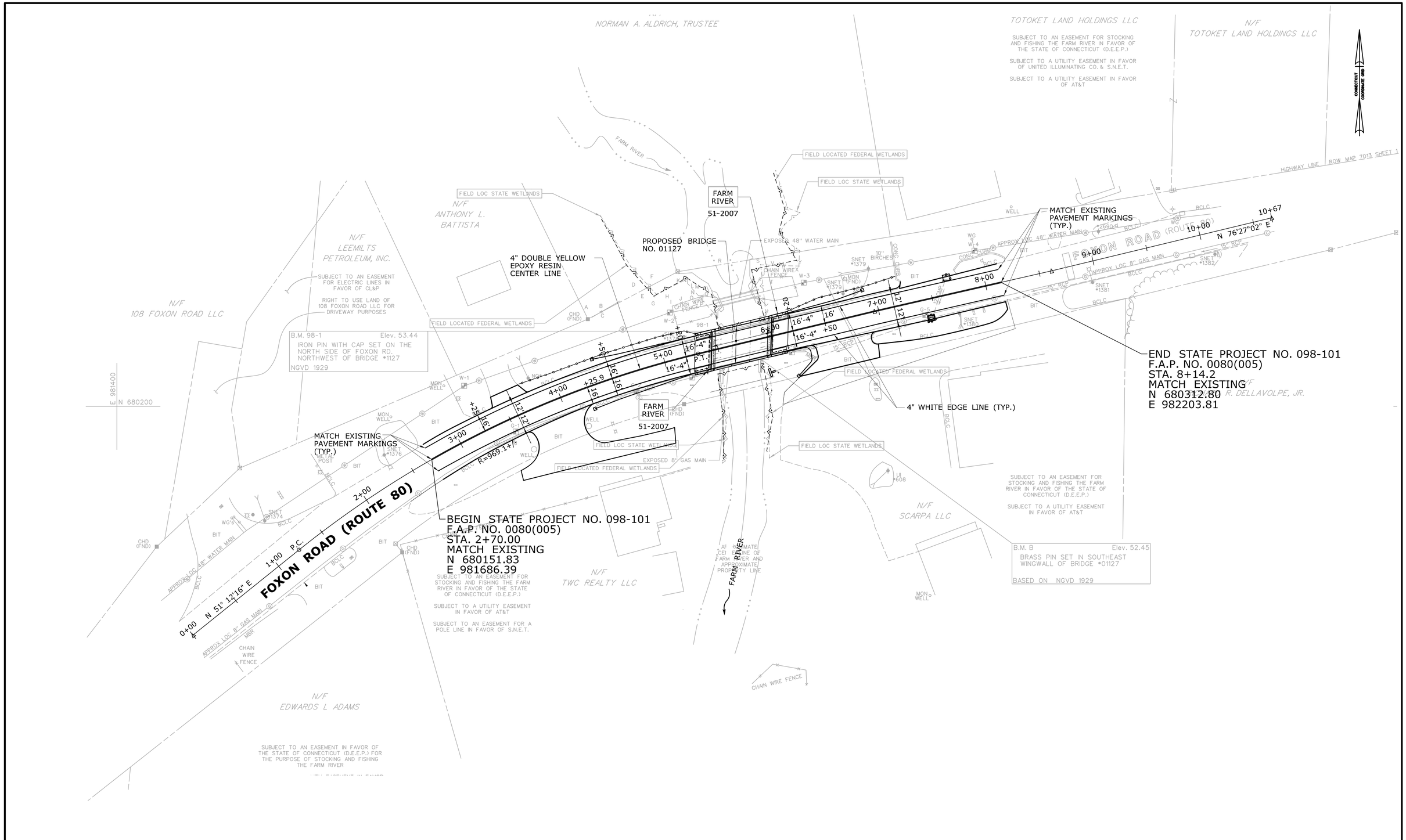
TOWN: NORTH BRANFORD

DRAWING TITLE: GRADING PLAN

PROJECT NO. 98-101

DRAWING NO. GRA-01

SHEET NO. 03.05



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SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
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Filename: ...\HW_MSH_0098_0101_PVT-01.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

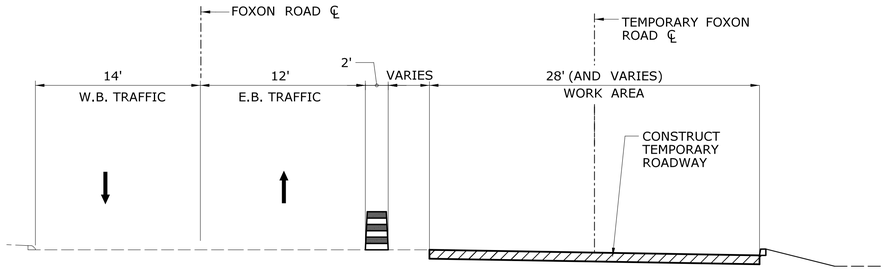
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **PAVEMENT MARKING AND SIGNING PLAN**

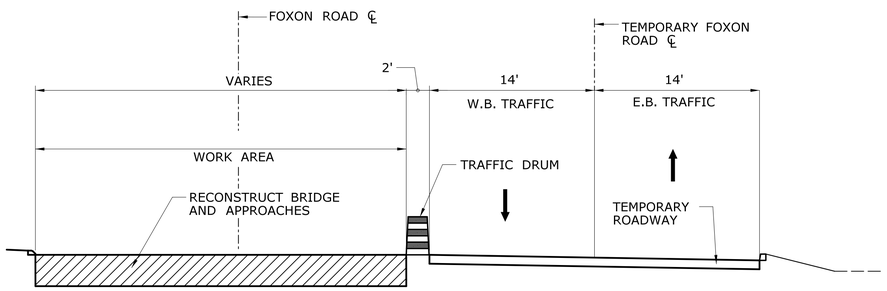
PROJECT NO. **98-101**

DRAWING NO. **PVT-01**

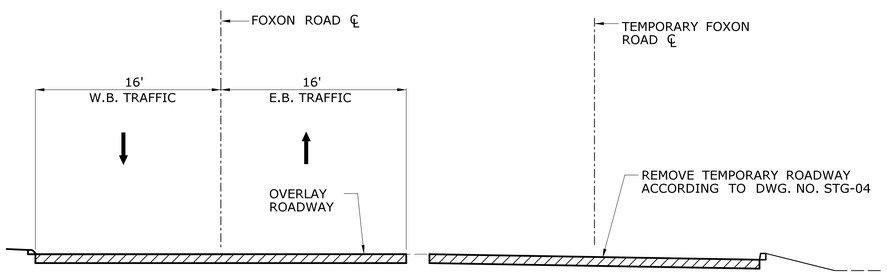
SHEET NO. **03.06**



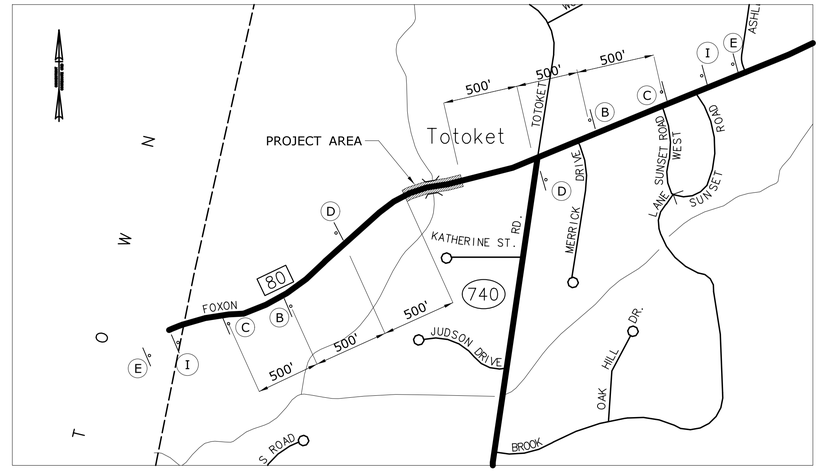
STAGE ONE CONSTRUCTION
N.T.S.



STAGE TWO CONSTRUCTION
N.T.S.



STAGE THREE CONSTRUCTION
N.T.S.



ADVANCED WARNING SIGN LOCATION PLAN
N.T.S.

SUGGESTED SEQUENCE OF OPERATIONS:

THE CONSTRUCTION WORK WILL PROCEED IN THREE STAGES AS FOLLOWS:

STAGE ONE CONSTRUCTION:

MAINTAIN AND PROTECT EXISTING TRAFFIC AS ALLOWED AND/OR REQUIRED BY THE LIMITATIONS OF OPERATIONS AND THE SPECIAL PROVISION "MAINTENANCE AND PROTECTION OF TRAFFIC".

CONSTRUCT WASTE STOCKPILE AREA (SEE SUBSET 05 FOR LOCATION OF WSA).

CONSTRUCT THE TEMPORARY ROADWAY, BRIDGE (INCLUDING TEMPORARY SHEETING AND MICROPILES), AND TEMPORARY DRIVEWAYS. SEE DWG. NO. STG-02 FOR DETAILS AND APPURTENANCES TO PROTECT. RELOCATE EXISTING 8" GAS MAIN FROM EXISTING ROUTE 80 BRIDGE.

SEE STAGE ONE CONSTRUCTION TYPICAL SECTION AND DWG. NO. STG-02 FOR LOCATION OF TEMPORARY TRAFFIC CONTROL DEVICES.

SEE DWG. NO. STG-02 FOR LIMITS OF CONSTRUCTION WORK.

STAGE TWO CONSTRUCTION:

SHIFT BOTH LANES OF TRAFFIC ONTO THE TEMPORARY ROADWAY AND MAINTAIN ONE 12' LANE AND 2' SHOULDER IN BOTH DIRECTIONS OF TRAFFIC.

RECONSTRUCT BRIDGE NO. 01127, INCLUDING REMOVAL OF EXISTING BRIDGE, IN ITS ENTIRETY (SUPERSTRUCTURE, SUBSTRUCTURE, AND APPROACHES), TEMPORARY SHEET PILING, COFFERDAM AND DEWATERING, HEAVY RIPRAP AND RELOCATION OF THE EXISTING 8" GAS MAIN. SEE STAGE CONSTRUCTION DRAWINGS FOR COMPLETE DETAILS.

SEE STAGE TWO CONSTRUCTION TYPICAL SECTION AND DWG. NO. STG-03 FOR LOCATION OF TEMPORARY TRAFFIC CONTROL DEVICES.

SEE DWG. NO. STG-03 FOR LIMITS OF CONSTRUCTION WORK.

STAGE THREE CONSTRUCTION:

SHIFT TRAFFIC ONTO THE ROADWAY RECONSTRUCTED IN STAGE TWO. REMOVE ROADWAY PAVEMENT, BRIDGE AND CRUSHED STONE, COMPLETE EARTHWORK ACTIVITIES (BACKFILL), INSTALL OR MAINTAIN TOPSOIL AND TURF ESTABLISHMENT-LAWN AND COMPLETE DRIVEWAY CONSTRUCTION AS DETAILED ON DWG. NO. STG-04. COMPLETE THE INSTALLATION OF HEAVY RIPRAP, NOT INSTALLED IN STAGE 2.

OVERLAY EXISTING ROADWAY UNDER OFF-PEAK LANE CLOSURES.

SEE THE STAGE THREE CONSTRUCTION TYPICAL SECTION AND DWG. NO. STG-04 FOR THE LOCATION OF TEMPORARY TRAFFIC DEVICES.

SEE DWG. NO. STG-04 FOR THE LIMITS OF THE CONSTRUCTION WORK.

CONSTRUCTION SIGNAGE NOTES:

1. LOCATION OF SERIES 16 SIGNAGE (E) TO BE DETERMINED BY ENGINEER.

2. THE ADVANCED WARNING SIGN LOCATION PLAN DOES NOT SHOW THE LOCATION FOR ALL CONSTRUCTION SIGNS REQUIRED IN ANY ONE STAGE OF CONSTRUCTION.
FOR ADDITIONAL SIGNS REQUIRED IN EACH STAGE OF CONSTRUCTION SEE THE ASSOCIATED STAGE CONSTRUCTION PLAN, DWG. NOS. STG-02 THRU STG-04.

3. ADVANCE WARNING SIGNS A , B AND C SHALL HAVE BARRICADE WARNING LIGHTS-HIGH INTENSITY.

SIGN DESIGNATION AND DESCRIPTION

(FOR CONSTRUCTION SIGNS SHOWN ON DWG. NOS. STG-01 THROUGH STG-04 INCLUSIVELY)

SIGN ASSEMBLY NO.	SIGN DESCRIPTION	CONNDOT SIGN CATALOG NO.	SIGN SIZE
A	SHOULDER CLOSED	80-9958	36" X 36"
B	ROAD WORK 1000 FT	80-9615 (1000 FT)	36" X 36"
C	ROAD WORK 1500 FT	80-9615 (1500 FT)	36" X 36"
D	END ROAD WORK	80-9612	48" x 24"
E	CONSTRUCTION AHEAD ROAD USE RESTRICTED STATE LIABILITY LIMITED GENERAL STATUTES SEC. 13a-115, 13a-149 COMMISSIONER OF TRANSPORTATION	80-1608	60" x 42"
F	OR	80-9057	36" x 36"
	25 M.P.H. / 25 M.P.H.	41-5569	24" x 24"
G	ROAD CLOSED	80-9080	48" x 30"
H	OR	80-9424	48" x 24"
I	ROAD WORK AHEAD FINES DOUBLED	31-1906	48" x 42"

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted: 7/10/2017

DESIGNER/DRAFTER: **RFS/MN**
CHECKED BY: **ZB**
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_STG-01.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

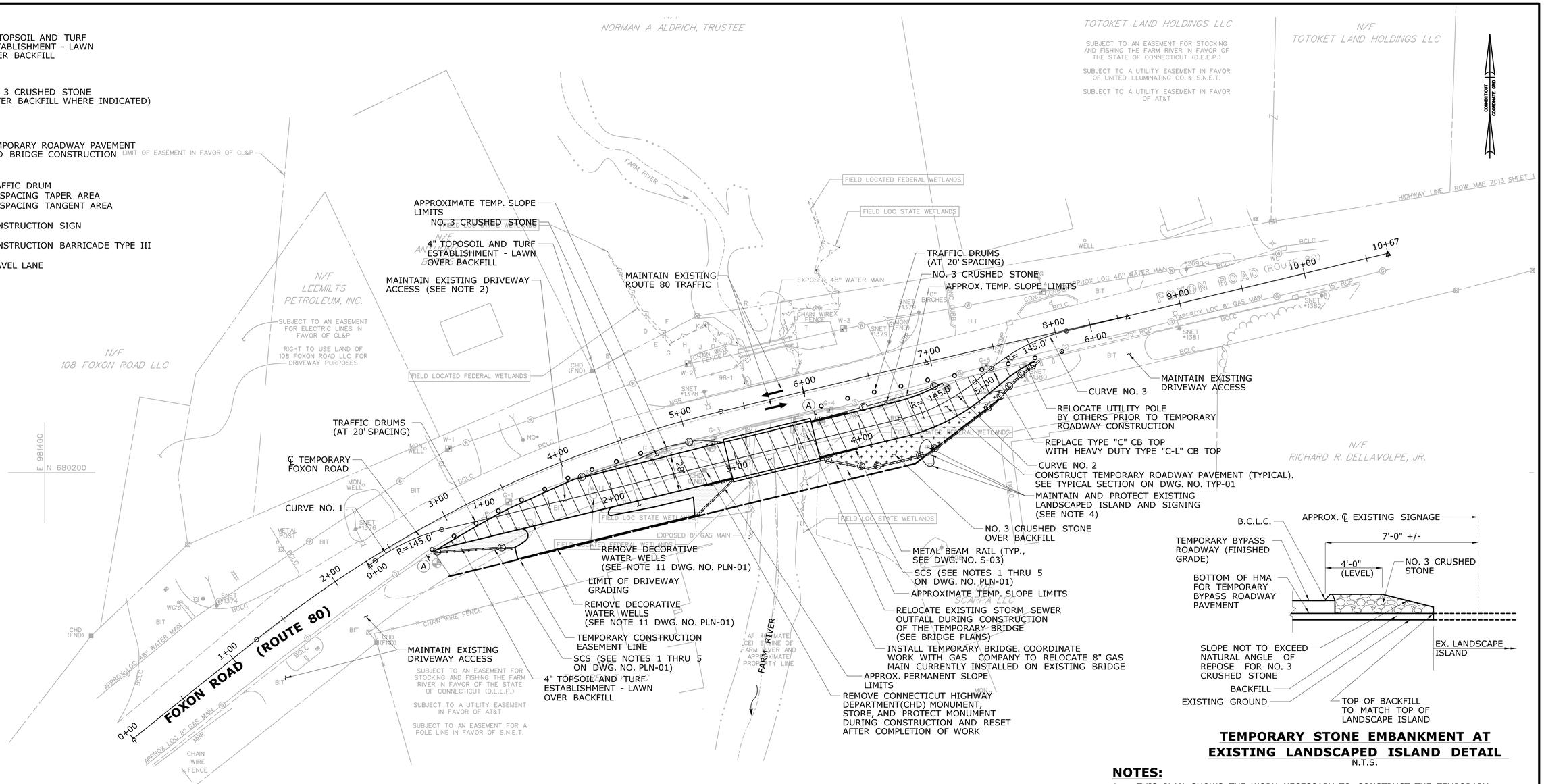
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **TYPICAL STAGE CONSTRUCTION SECTIONS**

PROJECT NO. **98-101**
DRAWING NO. **STG-01**
SHEET NO. **03.07**

LEGEND:

- 4" TOPSOIL AND TURF ESTABLISHMENT - LAWN OVER BACKFILL
- NO. 3 CRUSHED STONE (OVER BACKFILL WHERE INDICATED)
- TEMPORARY ROADWAY PAVEMENT AND BRIDGE CONSTRUCTION
- TRAFFIC DRUM 20' SPACING TAPER AREA 40' SPACING TANGENT AREA
- CONSTRUCTION SIGN
- CONSTRUCTION BARRICADE TYPE III
- TRAVEL LANE



TEMPORARY STONE EMBANKMENT AT EXISTING LANDSCAPED ISLAND DETAIL
N.T.S.

CURVE NO. 1

	STATION	NORTHING	EASTING
PC	0+05.75	680131.14	981658.20
PI	N/A	680148.58	981681.81
PT	0+63.68	680155.46	981710.35
R = 145.00'			
DELTA = 22° 53'29" RT.			
L = 57.93'			
T = 29.36'			

CURVE NO. 2

	STATION	NORTHING	EASTING
PC	4+32.16	680241.79	982068.58
PI	N/A	680249.63	982101.12
PT	4+97.96	680270.94	982126.93
R = 145.00'			
DELTA = 25° 59'51" LT.			
L = 65.79'			
T = 33.47'			

CURVE NO. 3

	STATION	NORTHING	EASTING
PC	5+14.74	680281.63	982139.87
PI	N/A	680303.08	982165.85
PT	5+80.93	680310.88	982198.61
R = 145.00'			
DELTA = 26° 09'17" RT.			
L = 66.19'			
T = 33.68'			

NOTES:

1. THIS PLAN SHOWS THE WORK NECESSARY TO CONSTRUCT THE TEMPORARY ROADWAY AND THE ASSOCIATED LAYOUT OF TEMPORARY TRAFFIC CONTROL DEVICES FOR THIS STAGE OF CONSTRUCTION. SEE STAGE ONE CONSTRUCTION TYPICAL SECTION ON DWG. STG-01 FOR FURTHER INFORMATION ON THE LOCATION OF TEMPORARY TRAFFIC CONTROL DEVICES. FOR PLAN OF THE PERMANENT ROADWAY, SEE DWG. NO. PLN-01.
2. CONSTRUCT TEMPORARY ROADWAY SO AS TO PROVIDE 20' MINIMUM WIDE VEHICULAR ACCESS AT THE DRIVEWAY AT ALL TIMES.
3. FOR LOCATION OF ADVANCED WARNING SIGNS, SIGN DESIGNATIONS, AND DESCRIPTIONS, SEE DWG. NO. STG-01.
4. NO. 3 CRUSHED STONE AND BACKFILL SHALL NOT INTRUDE INTO ISLAND, SEE DETAIL.

ABBREVIATIONS:

SCS = SEDIMENTATION CONTROL SYSTEM

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 7/10/2017

DESIGNER/DRAFTER: JS/MN
CHECKED BY: ZB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_STG-02.dgn

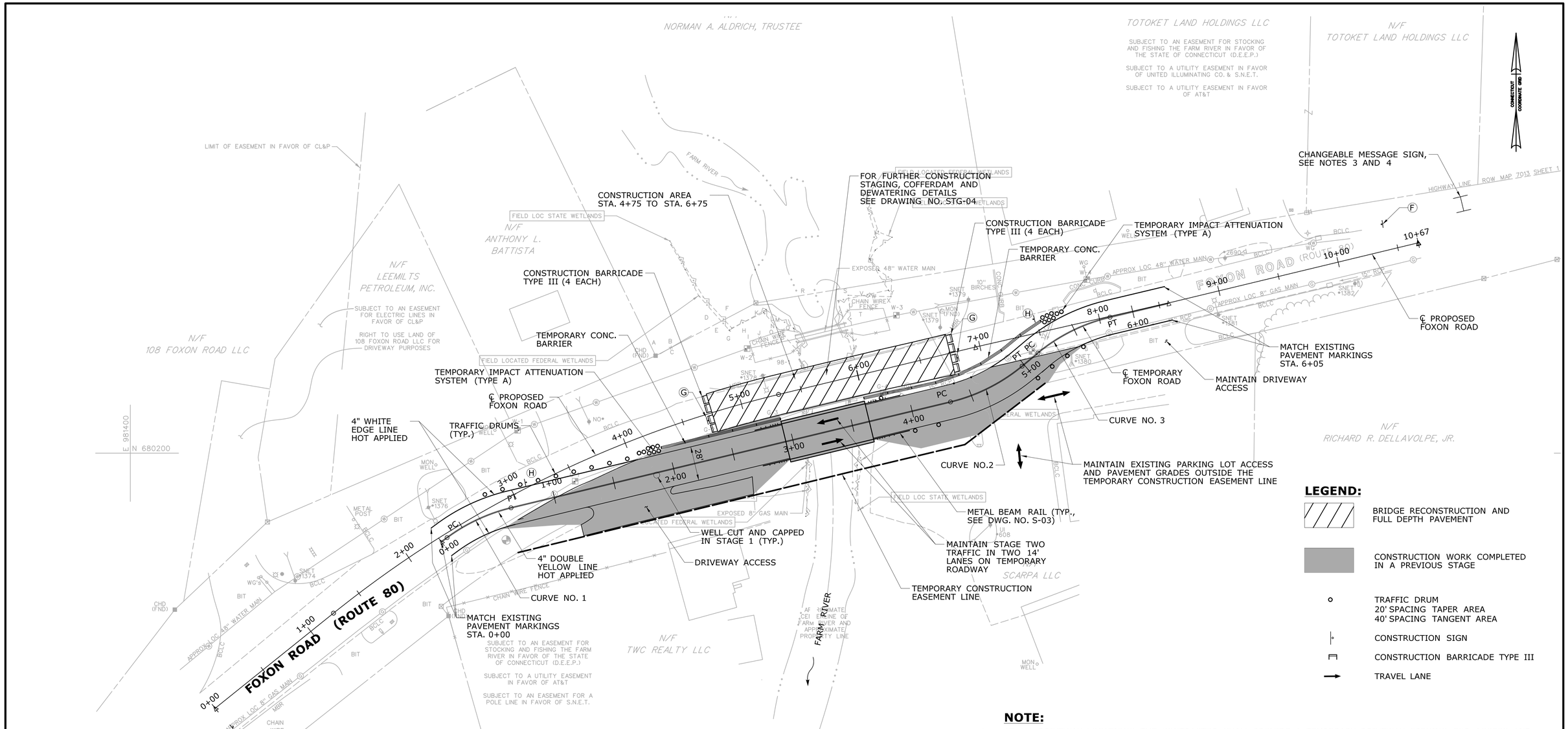
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

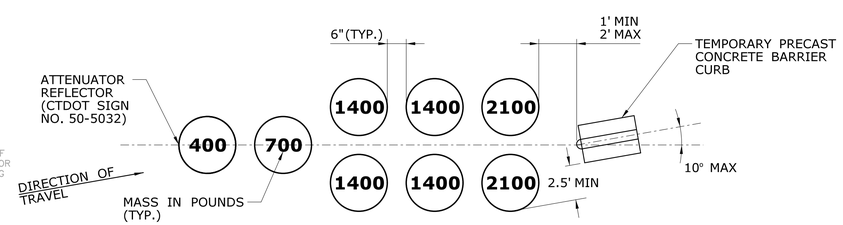
DRAWING TITLE: **STAGE 1 CONSTRUCTION PLAN**

PROJECT NO. **98-101**
DRAWING NO. **STG-02**
SHEET NO. **03.08**



LEGEND:

- BRIDGE RECONSTRUCTION AND FULL DEPTH PAVEMENT
- CONSTRUCTION WORK COMPLETED IN A PREVIOUS STAGE
- TRAFFIC DRUM 20' SPACING TAPER AREA 40' SPACING TANGENT AREA
- CONSTRUCTION SIGN
- CONSTRUCTION BARRICADE TYPE III
- TRAVEL LANE



TEMPORARY IMPACT ATTENUATION SYSTEM (TYPE A) DETAIL

N.T.S.

NOTE:

1. AT ALL DRIVEWAY LOCATIONS, THE CONTRACTOR SHALL PROVIDE A TEMPORARY DRIVEWAY OPENING FOR ACCESS AND EGRESS AND ALSO PROVIDE CONSTRUCTION SIGNS WITH LEGEND "BUSINESS OPEN DURING CONSTRUCTION" DIRECTING TRAFFIC TO USE THE TEMPORARY DRIVEWAY OPENING. THE CONTRACTOR SHALL NOT WORK WITHIN THESE AREAS WHILE THE EXISTING DRIVEWAY IS OPEN TO TRAFFIC DURING NORMAL BUSINESS HOURS UNLESS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL BE ALLOWED TO WORK IN THESE AREAS BEFORE THE START OF BUSINESS AND AFTER THE CLOSE OF BUSINESS EACH DAY.
2. FOR LOCATION OF ADDITIONAL ADVANCED WARNING SIGNS, SEE DWG. NO. STG-01, SIGN DESIGNATIONS AND DESCRIPTIONS.

   TEMPORARY CONSTRUCTION SHOWN IN GREY WAS COMPLETED IN STAGE 1.
3. TWO WEEKS PRIOR TO THE START OF STAGE 2, THE CONTRACTOR SHALL INSTALL REMOTE CONTROL CHANGEABLE MESSAGE SIGNS IN BOTH DIRECTIONS OF ROUTE 80, FIELD LOCATED AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL COORDINATE WITH THE DEPARTMENT'S OFFICE OF CONSTRUCTION TO APPROVE TWO ADDITIONAL MESSAGE SEQUENCES DISPLAYED BY EACH CHANGEABLE MESSAGE SIGN AS FOLLOWS:

   * TWO WEEKS PRIOR TO THE START OF STAGE TWO, "TRAFFIC SHFIT" & "BEGINNING (DATE)".

   * DURING STAGE TWO, "SHIFT AHEAD" AND "REDUCE SPEED".
5. THE TYPE A TEMPORARY IMPACT ATTENUATION SYSTEM SHALL COMPLY WITH SECTIONS 18.00 AND 18.07 OF THE STANDARD SPECIFICATIONS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 6/22/2017

DESIGNER/DRAFTER: JS/MN
CHECKED BY: ZB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_STG-03.dgn

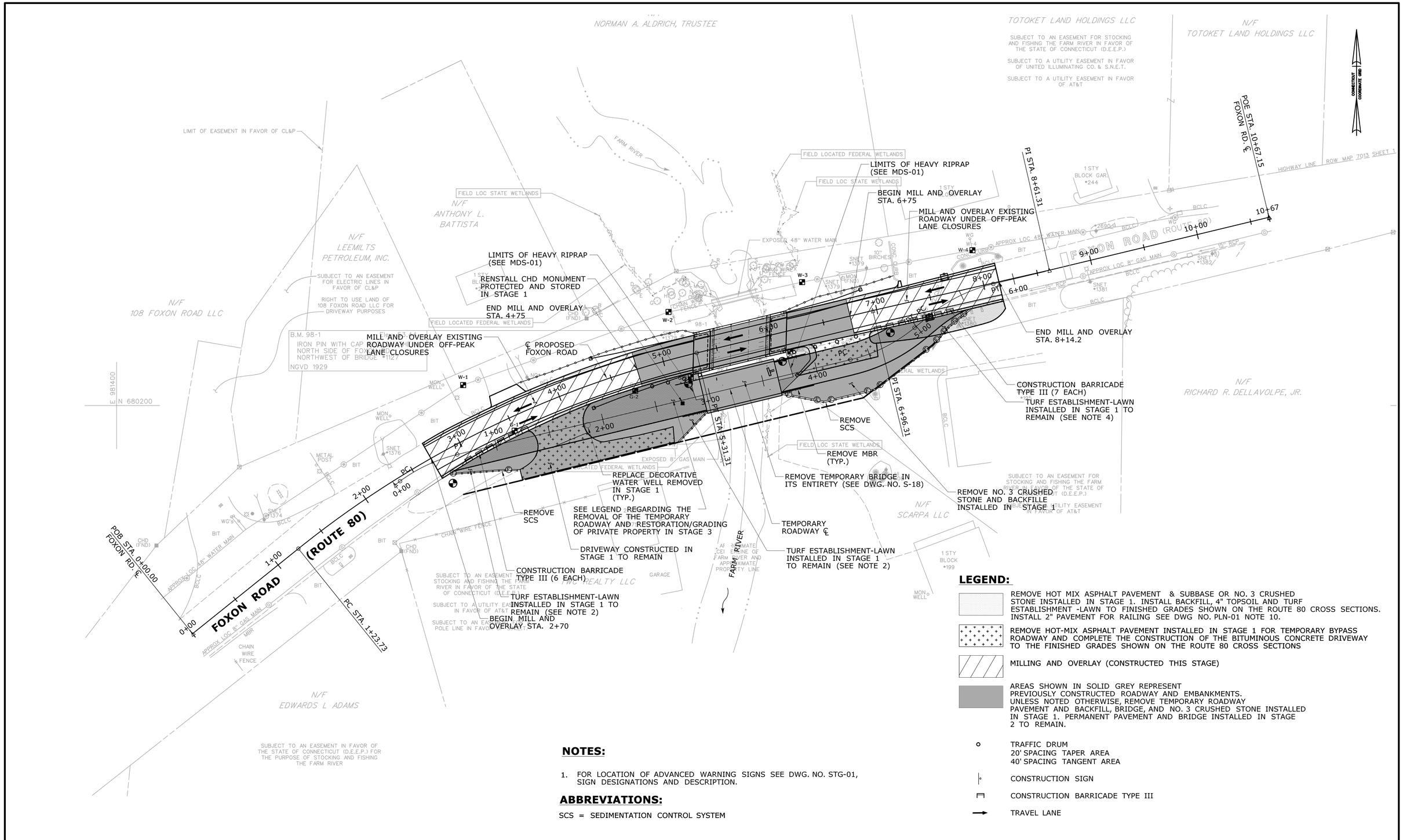
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **STAGE 2 CONSTRUCTION PLAN**

PROJECT NO. **98-101**
DRAWING NO. **STG-03**
SHEET NO. **03.09**



LEGEND:

- REMOVE HOT MIX ASPHALT PAVEMENT & SUBBASE OR NO. 3 CRUSHED STONE INSTALLED IN STAGE 1. INSTALL BACKFILL, 4" TOPSOIL AND TURF ESTABLISHMENT -LAWN TO FINISHED GRADES SHOWN ON THE ROUTE 80 CROSS SECTIONS. INSTALL 2" PAVEMENT FOR RAILING SEE DWG NO. PLN-01 NOTE 10.
- REMOVE HOT-MIX ASPHALT PAVEMENT INSTALLED IN STAGE 1 FOR TEMPORARY BYPASS ROADWAY AND COMPLETE THE CONSTRUCTION OF THE BITUMINOUS CONCRETE DRIVEWAY TO THE FINISHED GRADES SHOWN ON THE ROUTE 80 CROSS SECTIONS
- MILLING AND OVERLAY (CONSTRUCTED THIS STAGE)
- AREAS SHOWN IN SOLID GREY REPRESENT PREVIOUSLY CONSTRUCTED ROADWAY AND EMBANKMENTS. UNLESS NOTED OTHERWISE, REMOVE TEMPORARY ROADWAY PAVEMENT AND BACKFILL, BRIDGE, AND NO. 3 CRUSHED STONE INSTALLED IN STAGE 1. PERMANENT PAVEMENT AND BRIDGE INSTALLED IN STAGE 2 TO REMAIN.
- TRAFFIC DRUM
  20' SPACING TAPER AREA
  40' SPACING TANGENT AREA
- CONSTRUCTION SIGN
- CONSTRUCTION BARRICADE TYPE III
- TRAVEL LANE

NOTES:

1. FOR LOCATION OF ADVANCED WARNING SIGNS SEE DWG. NO. STG-01, SIGN DESIGNATIONS AND DESCRIPTION.

ABBREVIATIONS:

SCS = SEDIMENTATION CONTROL SYSTEM

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/10/2017

DESIGNER/DRAFTER: JS/MN
CHECKED BY: ZB
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_STG-04.dgn

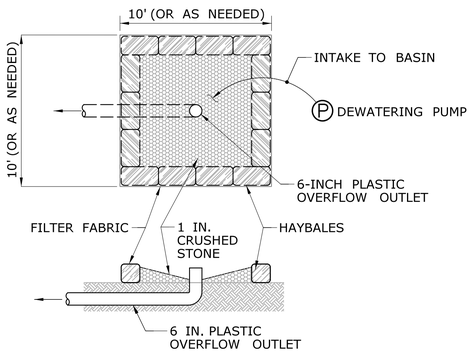
SIGNATURE/BLOCK:
STATE OF CONNECTICUT 812135 LICENSED PROFESSIONAL ENGINEER
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **STAGE 3 CONSTRUCTION PLAN**

PROJECT NO. **98-101**
DRAWING NO. **STG-04**
SHEET NO. **03.10**

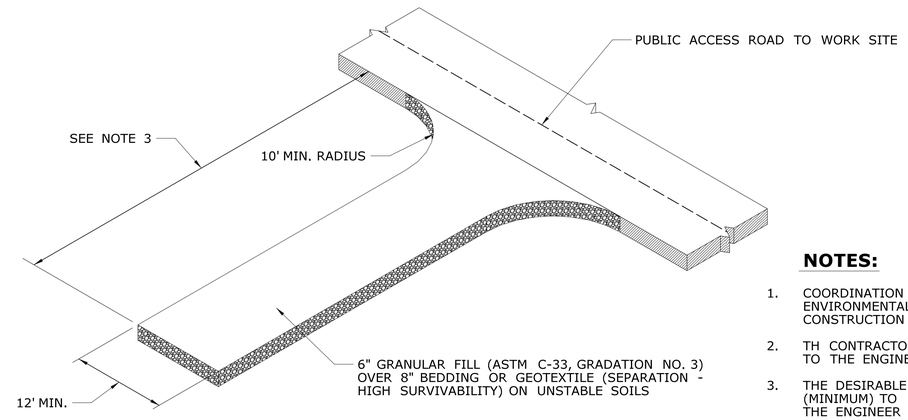


NOTES:

1. 10 FT. x 10 FT. ARE APPROXIMATE DIMENSIONS FOR DEWATERING SEDIMENTATION BASIN. DEPENDING UPON DISCHARGE TO THE BASIN, THE DIMENSIONS MAY BE ADJUSTED BY THE ENGINEER.
2. ALTERNATE DESIGNS SHALL BE APPROVED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, OFFICE OF ENVIRONMENTAL PLANNING, PRIOR TO IMPLEMENTATION.
3. PUMPING RATE OF INFLOW TO THE DEWATERING BASIN SHALL BE ADJUSTED IF THE SIZE OF THE DEWATERING BASIN IS ADJUSTED IN ACCORDANCE WITH THE ENGINEER'S AND/OR THE DEPARTMENT'S DIRECTIVES. THE PUMPING RATE IN GALLONS PER MINUTE (gpm) SHALL BE BASED ON THE FORMULA P = 77.7 X V WHERE P IS THE PUMPING RATE AND V IS THE BASIN STORAGE IN CUBIC FEET BASED ON THE ADJUSTED BASIN DIMENSIONS.
4. TEMPORARY DEWATERING SEDIMENTATION BASINS ARE USED ONLY WHENEVER GROUNDWATER DRAWDOWN IS REQUIRED AS FIELD CONDITIONS INDICATE. THE CONTRACTOR IS REQUIRED TO PROVIDE A PLAN TO THE ENGINEER SHOWING THE LOCATION OF THE TEMPORARY DEWATERING SEDIMENTATION BASIN AND TEMPORARY GRADING FOR LEVEL INSTALLATIONS FOR APPROVAL WHEN THE NEED ARISES TO INSTALL A TEMPORARY DEWATERING SEDIMENTATION BASIN.
5. DEWATERING PUMP SHALL DISCHARGE TO THE TEMPORARY DEWATERING SEDIMENTATION BASIN FROM THE SIDE OF THE BASIN OPPOSITE TO THE 6-INCH PLASTIC OVERFLOW PIPE. PLASTIC OVERFLOW PIPE SHALL BE ORIENTED TOWARDS THE SIDE OF THE RIVER CHANNEL (SAND BAGS) TO WHERE STORM WATER IS DIVERTED.
6. TEMPORARY DEWATERING SEDIMENTATION BASIN AND DEWATERING PUMP SHALL BE PAID FOR UNDER "COFFERDAM AND DEWATERING".

TEMPORARY DEWATERING SEDIMENTATION BASIN & DEWATERING PUMP DETAIL

NOT TO SCALE



NOTES:

1. COORDINATION WITH THE ENGINEER AND A CONNDOT ENVIRONMENTAL INSPECTOR IS MANDITORY PRIOR TO CONSTRUCTION OF THE ANTI-TRACKING PAD.
2. TH CONTRACTOR SHALL PROVIDE A WORKING DETAIL AND PLAN TO THE ENGINEER FOR APPROVAL.
3. THE DESIRABLE LENGTH OF THE ANTI-TRACKING PAD IS 50' (MINIMUM) TO 100' (MAXIMUM). THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THIS DIMENSION CANNOT BE ACHIEVED DUE TO SITE OR SAFETY CONSTRAINTS.

ANTI-TRACKING PAD DETAIL

NOT TO SCALE

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Plotted: 6/22/2017

DESIGNER/DRAFTER: JS

CHECKED BY: ZB

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_STG-05.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

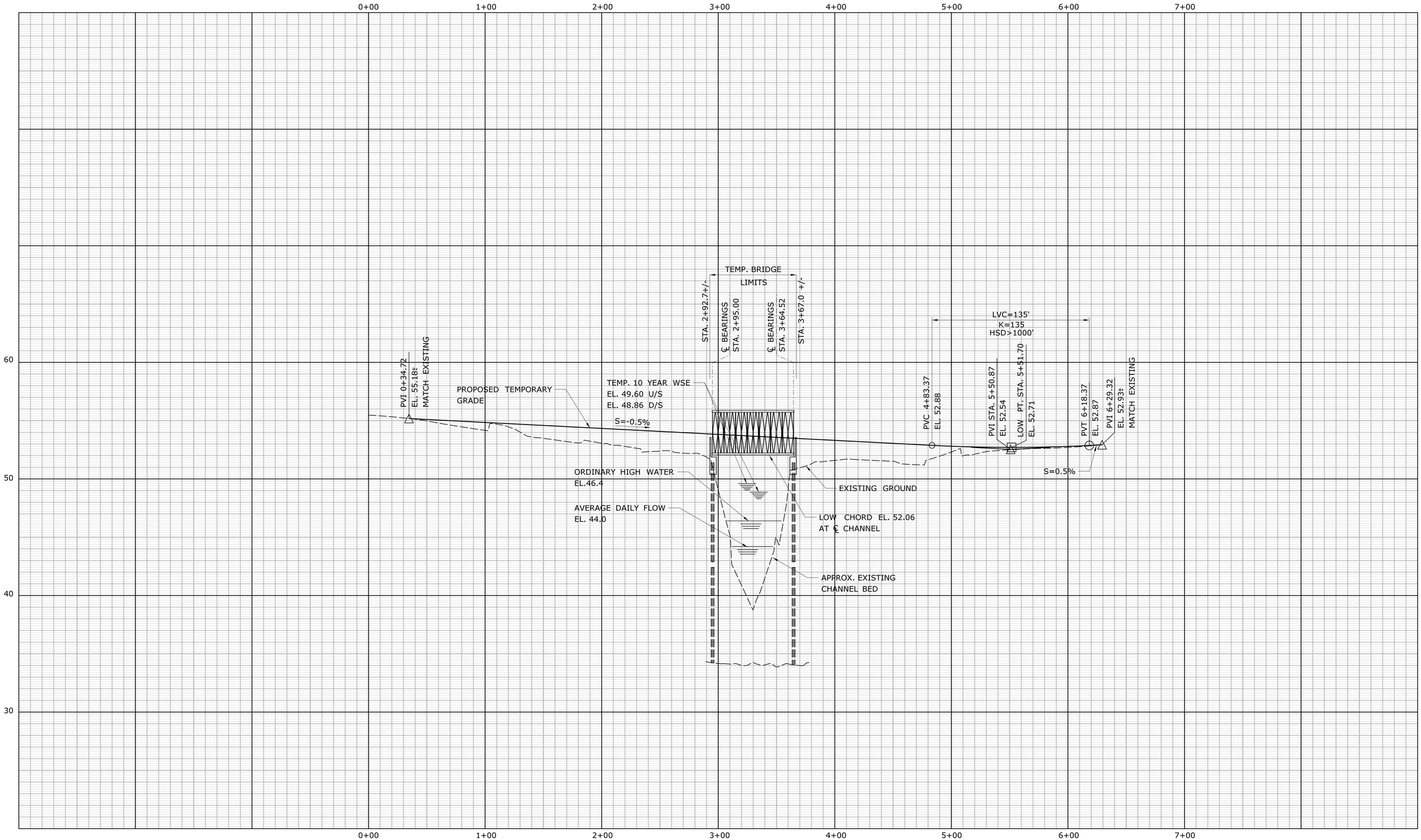
TOWN: NORTH BRANFORD

DRAWING TITLE: STAGE CONSTRUCTION DETAILS

PROJECT NO. 98-101

DRAWING NO. STG-05

SHEET NO. 03.11



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/22/2017

DESIGNER/DRAFTER: **JS/MN**

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HORIZ. SCALE IN FEET 0 40 80

VERT. SCALE IN FEET 0 4 8

STATE OF CONNECTICUT
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Filename: ...\HW_MSH_0098_0101_STG-06.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

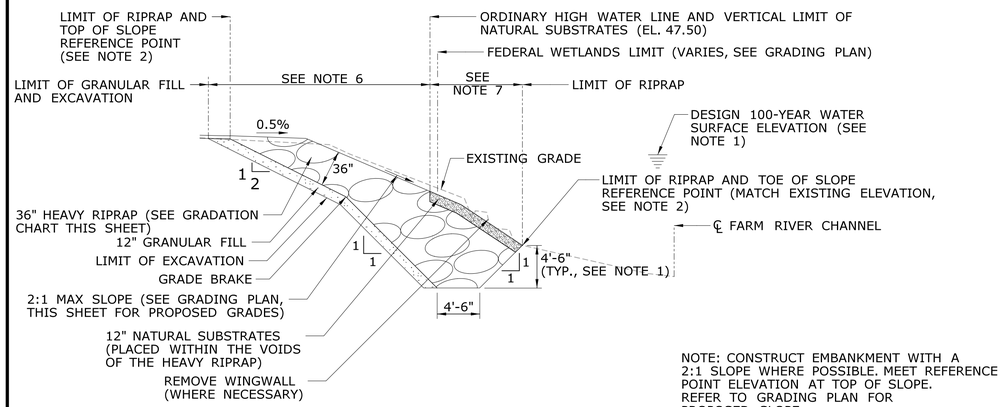
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 TEMPORARY BYPASS PROFILE**

PROJECT NO. **98-101**

DRAWING NO. **STG-06**

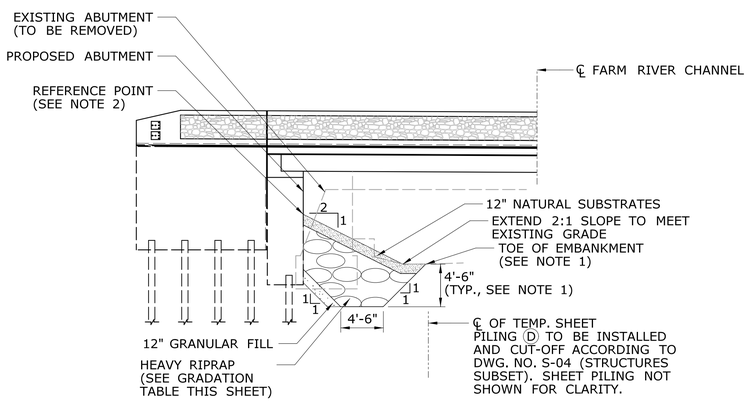
SHEET NO. **03.12**



NOTE: CONSTRUCT EMBANKMENT WITH A 2:1 SLOPE WHERE POSSIBLE. MEET REFERENCE POINT ELEVATION AT TOP OF SLOPE. REFER TO GRADING PLAN FOR PROPOSED SLOPE.

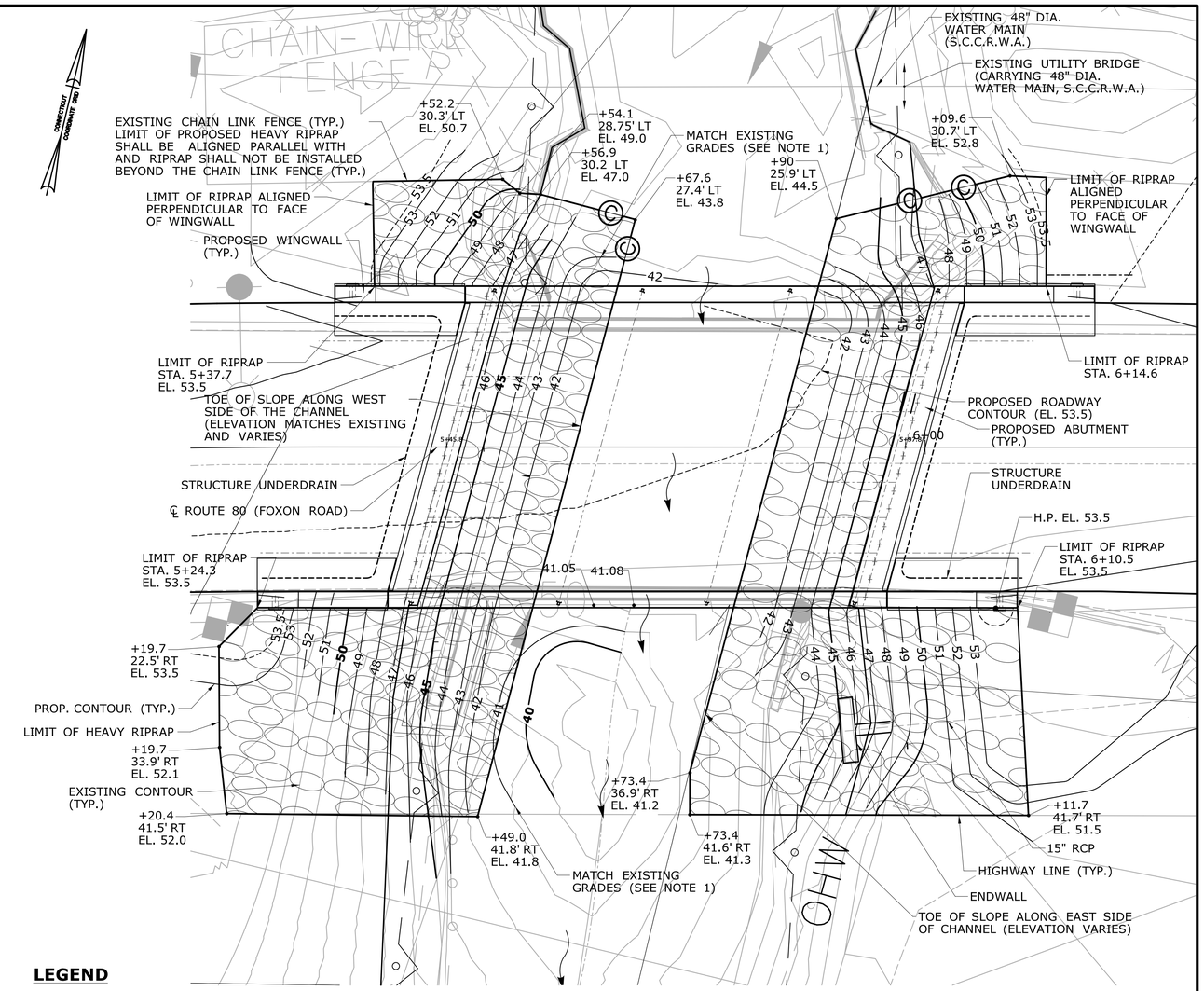
HALF SECTION AWAY FROM BRIDGE

SCALE: 1" = 8'



HALF SECTION THROUGH BRIDGE

SCALE: 1" = 8'



GRADING PLAN

SCALE: 1" = 8'

HALF SECTION THROUGH BRIDGE NOTES:

1. FOR CLARITY, THE TYPICAL RIPRAP REVETMENT ELEVATION DETAIL SHOWS ONLY GENERAL RIPRAP REVETMENT DETAILS ON THE WEST SIDE OF THE FARM RIVER CHANNEL. RIPRAP REVETMENT TREATMENT ON THE EAST SIDE OF THE FARM RIVER CHANNEL IS SIMILAR.
2. SEE STATION, OFFSET, AND ELEVATION LABELS ON GRADING PLAN DETAIL THIS SHEET.
3. EXCAVATION, HEAVY RIPRAP AND GRANULAR FILL SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICES FOR EARTH EXCAVATION OR STRUCTURE EXCAVATION (WHICHEVER IS APPLICABLE), HEAVY RIPRAP, AND GRANULAR FILL.
4. TOE OF SLOPE IS PARALLEL WITH AND 13' FROM THE FACE OF PROPOSED ABUTMENTS UNLESS NOTED OTHERWISE WITH A STATION, OFFSET, AND ELEVATION NOTE SHOWN ON THE GRADING PLAN DETAIL, THIS SHEET.
5. MINIMUM RIPRAP THICKNESS BELOW THE TOP OF SLOPE REFERENCE POINT ELEVATION SHALL BE 36" UNLESS THICKNESS IS LIMITED DUE TO RESTRICTED RIGHTS OF WAY.
6. EXCAVATION FOR THE HEAVY RIPRAP AND GRANULAR FILL "LANDWARD" OF THE ORDINARY HIGH WATER LINE SHALL BE PAID FOR AS "EARTH EXCAVATION".
7. EXCAVATION FOR THE HEAVY RIPRAP, NATURAL SUBSTRATES, AND GRANULAR FILL "RIVERWARD" OF THE ORDINARY HIGH WATER SHALL BE PAID FOR AS "CHANNEL EXCAVATION - EARTH".

GRADATION FOR HEAVY RIPRAP

STONE SIZE DESIGNATION	ALLOWABLE PARTICLE SIZES (INCHES)	
	MINIMUM	MAXIMUM
D_{15}	11.0	15.5
D_{50}	17.0	20.5
D_{85}	23.5	27.5
D_{100}	N/A	36.0

NOTE: THE ITEM "HEAVY RIPRAP" IS EQUIVALENT TO AN AASHTO CLASS V RIPRAP.

LEGEND

- HEAVY RIPRAP
- GRANULAR FILL
- NATURAL SUBSTRATES
- 50 — PROPOSED CONTOUR AND ELEVATION (EVEN FOOT ELEVATIONS)
- 53.5 — PROPOSED CONTOUR AND ELEVATION (HALF FOOT ELEVATIONS)
- +19.7 33.9' RT EL. 52.1 — ROUTE 80 ℄ STATION, OFFSET & PROPOSED GRADE

GRADING PLAN NOTES:

1. PROPOSED GRADES (CONTOURS) SHOWN WITHIN THE CHANNEL AND OUTSIDE THE LIMITS OF RIPRAP AT THE TOE OF SLOPE ARE APPROXIMATE. THE CONTRACTOR SHALL ALLOW THE STREAMBED MATERIAL IN THE CHANNEL OUTSIDE THE LIMITS OF RIPRAP AT THE TOE OF SLOPE SETTLE TO A NATURAL SLOPE AFTER REMOVING THE PORTION OF SHEETING SHOWN TO BE REMOVED ACCORDING TO THE DETAIL "STAGE 2 - PHASE II - ELEVATION" ON DWG. NO. S-04.

RIPRAP REVETMENT FOR SCOUR PROTECTION ELEVATION AND GRADING PLAN DETAILS

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted: 6/22/2017

DESIGNER/DRAFTER: RFS/MC
CHECKED BY: JG
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_MDS-01.dgn

SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: NORTH BRANFORD

DRAWING TITLE: MISCELLANEOUS DETAILS

PROJECT NO. 98-101
DRAWING NO. MDS-01
SHEET NO. 03.13

D1 - SERIES

D1-1

51-5202 Variable →

D1-2

51-5203 Variable Variable →

VARIABLE LEGEND & ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.17	60X12	51-5202	2	.100
8.33	60X24	51-5203	2	.100

D3 - SERIES

D3-1

Variable Road Name

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	48X12	51-2010	2	.100
5.00	60X12	51-2011	2	.100
6.00	72X12	51-2012	2	.125
7.00	84X12	51-2013	2	.125

D3-1

Variable Road Name

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	48X18	51-2004	2	.100
7.50	60X18	51-2001	2	.100
9.00	72X18	51-2002	2	.125
10.50	84X18	51-2003	2	.125

D4 - SERIES

D4-2

PARK - RIDE →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6006	1	.080
7.50	30X36	51-6007	1	.080
12.00	36X48	51-6008	2	.100

D4-2

PARK - RIDE →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6033	1	.080
7.50	30X36	51-6034	1	.080
12.00	36X48	51-6035	2	.100

D4-2

PARK - RIDE →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6044	1	.080
7.50	30X36	51-6045	1	.080
12.00	36X48	51-6046	2	.100

NOTICE
THIS PARKING AREA PATROLLED

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
15.00	60X36	51-5937	2	.100

PARK AT YOUR OWN RISK
REMOVE KEYS AND LOCK CAR
NOT RESPONSIBLE FOR
PROPERTY LOST OR STOLEN

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.50	36X18	51-6037	1	.080

D5 - SERIES

D5-2b

REST AREA ↗

LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
42.25	78X78	51-6901	2B	.125

SERVICE PLAZA ↗

LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
39.00	72X78	51-6158	2B	.125

D7 - SERIES

D-7

51-6802 Variable →

51-6803 Variable Variable →

W or W/O ARROW
VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.17	60X10	51-6802	2	.100
8.33	60X20	51-6803	2	.100

D9 - SERIES

D9-2

H

** FOR ARROW SUBPLATES
USE M5 & M6 SERIES

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6788	1	.080

D9-3a

** FOR ARROW SUBPLATES
USE M5 & M6 SERIES

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6762	1	.080

51-6705 DIESEL →
51-6706 FOOD →
51-6707 PHONE →
51-6708 GAS →
51-6709 LODGING →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	36X9		2	.080

D10 - SERIES

D10-4

NORTH
95
MILE
000

CARDINAL DIRECTION,
SHIELD AND NUMERALS ARE VARIABLE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.75	18X54	51-5307	1	.080

RECREATIONAL RS- SERIES

RS-054

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6873	1	.080

RS-117

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-7872	1	.080

51-2705 ↑

51-2706 L or R →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.19	21X15	51-2705		.080
2.19	21X15	51-2706		.080

E5 - SERIES

E5-1a

EXIT ↖ (L) EXIT ↗ (R)

FOR USE AT "NO NUMBERED" EXITS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. # (L or R)	POSTS	ALUM. THK.
30.00	72X60	51-6150	2B	.125

E5-1a

EXIT ↖ 00 (L) EXIT 00 ↗ (R)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. # (L or R)	POSTS	ALUM. THK.
32.50	78X60	51-6124R	2B	.125
32.50	78X60	51-6125L	2B	.125

E5-1a

EXIT ↖ 00 B (L) EXIT 00 B ↗ (R)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. # (L or R)	POSTS	ALUM. THK.
45.00	108X60	51-6126R	2B	.125
45.00	108X60	51-6127L	2B	.125

E5-1a

EXIT ↖ 00 A-B (L) EXIT 00 A-B ↗ (R)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. # (L or R)	POSTS	ALUM. THK.
57.50	138X60	51-6128R	2B	.125
57.50	138X60	51-6129L	2B	.125

I - SERIES

I-3

(Variable) River

VARIABLE: RIVER, BROOK, CREEK

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	18X12	51-2009	1	.080
4.50	36X18	51-2007	2	.080
12.00	48X36	51-2051	2	.100

(Town Name)
(INCORPORATED OR SETTLED) (DATE)
TOWN LINE

VARIABLE: TOWN / CITY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	40X27	51-2020	2	.080

(Name)
Connecticut

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30	51-2040	2	.100

I-7

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-1448	1	.080
6.25	30X30	51-1445	1	.080

INCIDENT MANAGEMENT

N 0 .0 N 0 0 .0 N 0 0 0 .0

CARDINAL DIRECTION VARIABLE - N, S, E, W

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	12X36	51-5103	1	.080
4.00	12X48	51-5104	1	.080
5.00	12X60	51-5105	1	.080

SYMBOL - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	18X24	51-5943	1	.080

51-6504 Variable

51-6505 Variable Variable

TO BE SUBMOUNTED W/ 51-5943
LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.75	18X6	51-6504		.080
1.50	18X12	51-6505		.080

M1 - SERIES

M1-1

INTERSTATE CONNECTICUT 00 — 51-6662, 51-6666, VARIABLE: 1 or 2 DIGITS

INTERSTATE CONNECTICUT 000 — 51-6663, 51-6667, VARIABLE: 3 DIGITS

LEGEND - WHITE
BACKGROUND - RED & BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.20	24X24	51-6662	1	.080
3.99	30X24	51-6663	1	.080
7.20	36X36	51-6666	2	.080
8.99	45X36	51-6667	2	.100

M1-4

00 — 51-6615, 51-6635, VARIABLE: 1 or 2 DIGITS

000 — 51-6644, 51-6645, VARIABLE: 3 DIGITS

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6615	1	.080
5.00	30X24	51-6644	1	.080
9.00	36X36	51-6635	2	.080
11.25	45X36	51-6645	2	.100

M1-5

00 — 51-6616, 51-6636, VARIABLE: 1 or 2 DIGITS

000 — 51-6647, 51-6646, VARIABLE: 3 DIGITS

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6616	1	.080
5.00	30X24	51-6647	1	.080
9.00	36X36	51-6636	2	.080
11.25	45X36	51-6646	2	.100

M2 - SERIES

M2-1

JCT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-6640	(1)	.080
2.19	21X15	51-6610	(2)	.080

M3 - SERIES

M3-1

NORTH

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6651	(1)	.080
2.00	24X12	51-6611	(2)	.080
4.50	30X18	51-6655	(1)	.080
4.50	30X18	51-6625	(2)	.080

M3-2

EAST

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6652	(1)	.080
2.00	24X12	51-6612	(2)	.080
4.50	30X18	51-6656	(1)	.080
4.50	30X18	51-6626	(2)	.080

M3-3

SOUTH

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6653	(1)	.080
2.00	24X12	51-6613	(2)	.080
4.50	30X18	51-6657	(1)	.080
4.50	30X18	51-6627	(2)	.080

M3-4

WEST

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6654	(1)	.080
2.00	24X12	51-6614	(2)	.080
4.50	30X18	51-6658	(1)	.080
4.50	30X18	51-6628	(2)	.080

M4 - SERIES

M4-5

TO

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6650	(1)	.080
2.00	24X12	51-6620	(2)	.080

M5 - SERIES

M5-1

L or R

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2690L	(1)	.080
2.19	21X15	51-2691R	(1)	.080
2.19	21X15	51-2630L	(2)	.080
2.19	21X15	51-2631R	(2)	.080

M5-2

L or R

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2692L	(1)	.080
2.19	21X15	51-2693R	(1)	.080
2.19	21X15	51-2632L	(2)	.080
2.19	21X15	51-2633R	(2)	.080

M6 - SERIES

M6-1

L or R

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2686	(1)	.080
2.19	21X15	51-2626	(2)	.080

M6-4

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2697	(1)	.080
2.19	21X15	51-2627	(2)	.080

M6-2

L or R

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2688L	(1)	.080
2.19	21X15	51-2689R	(1)	.080
2.19	21X15	51-2628L	(2)	.080
2.19	21X15	51-2629R	(2)	.080
4.89	32X22	51-2609R	(2)	.080

M6-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2685	(1)	.080
2.19	21X15	51-2625	(2)	.080

NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS - TYPE A (EXCEPT WHERE NOTED WITH A "B" FOR TYPE B)
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.

COLORS:

D - SERIES
- D1, 2, 3, 4, 10 BACKGROUND-GREEN, LEGEND-WHITE
- D7, RS BACKGROUND-BROWN, LEGEND-WHITE
- D9 BACKGROUND-BLUE, LEGEND-WHITE
- ALL OTHER D-SERIES AS NOTED

E - SERIES
- BACKGROUND-GREEN, LEGEND-WHITE

I - SERIES
- BACKGROUND-GREEN, LEGEND-WHITE (EXCEPT AS NOTED)

M2 - M6 SERIES
- (1) BACKGROUND-BLUE, LEGEND-WHITE
- (2) BACKGROUND-WHITE, LEGEND-BLACK

ALL COLORS SHALL BE TYPE IV RETROREFLECTIVE WITH THE EXCEPTION OF BLACK WHICH SHALL BE OPAQUE.

REV.	DATE	REVISION DESCRIPTION
-	-	-
-	-	-
-	-	-
3	6-2015	REVISED DRAWING TITLE AND NO.
2	5-2015	UPDATED PER MUTCD AND FORM 816 JAN 2015 REVISION.
1	1-2010	REVISED SHEETING FROM TYPE I TO III.

Plotted: 6/22/2017

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: HW_MSH_0098_0101_MDS-02.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: NORTH BRANFORD

PROJECT NO. 98-101

DRAWING NO. MDS-02

DRAWING TITLE: SIGN FACE SHEET ALUMINUM D,RS,E,I,&M SERIES SIGNS TYPICAL DETAILS

SHEET NO. 03.14

NOTES

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.

LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.

SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

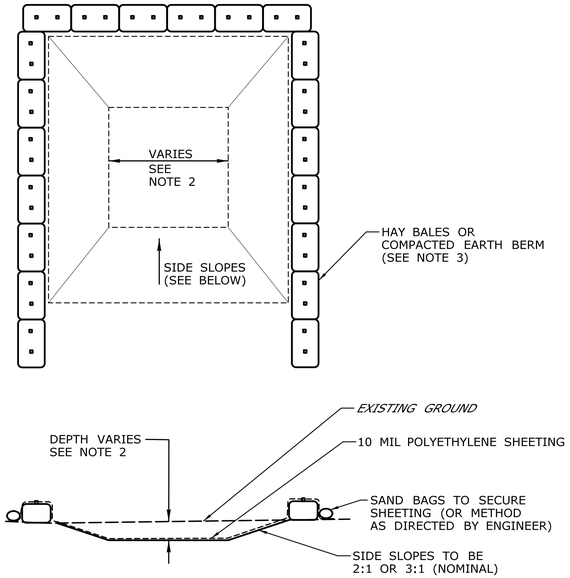
3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.

4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.

5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.

6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.

7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.



CONCRETE WASHOUT AREA

NOT TO SCALE
(SEE NOTE 2)

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: MN
CHECKED BY: ZB
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW..MSH..0098..0101..MDS-03.dgn

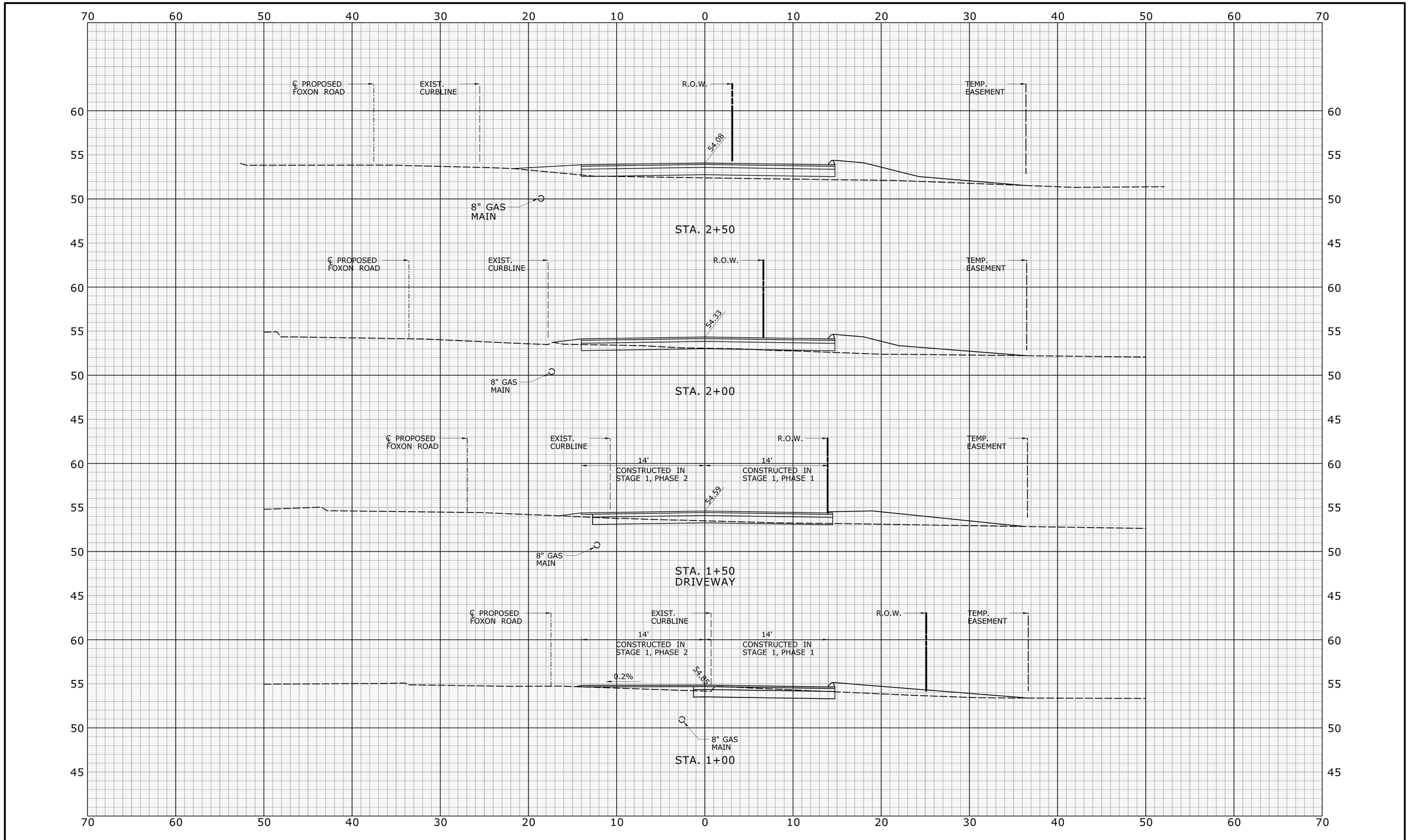
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **MISCELLANEOUS DETAILS**

PROJECT NO. **98-101**
DRAWING NO. **MDS-03**
SHEET NO. **03.15**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: **JS/MN**

CHECKED BY: **ZB**

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-01.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

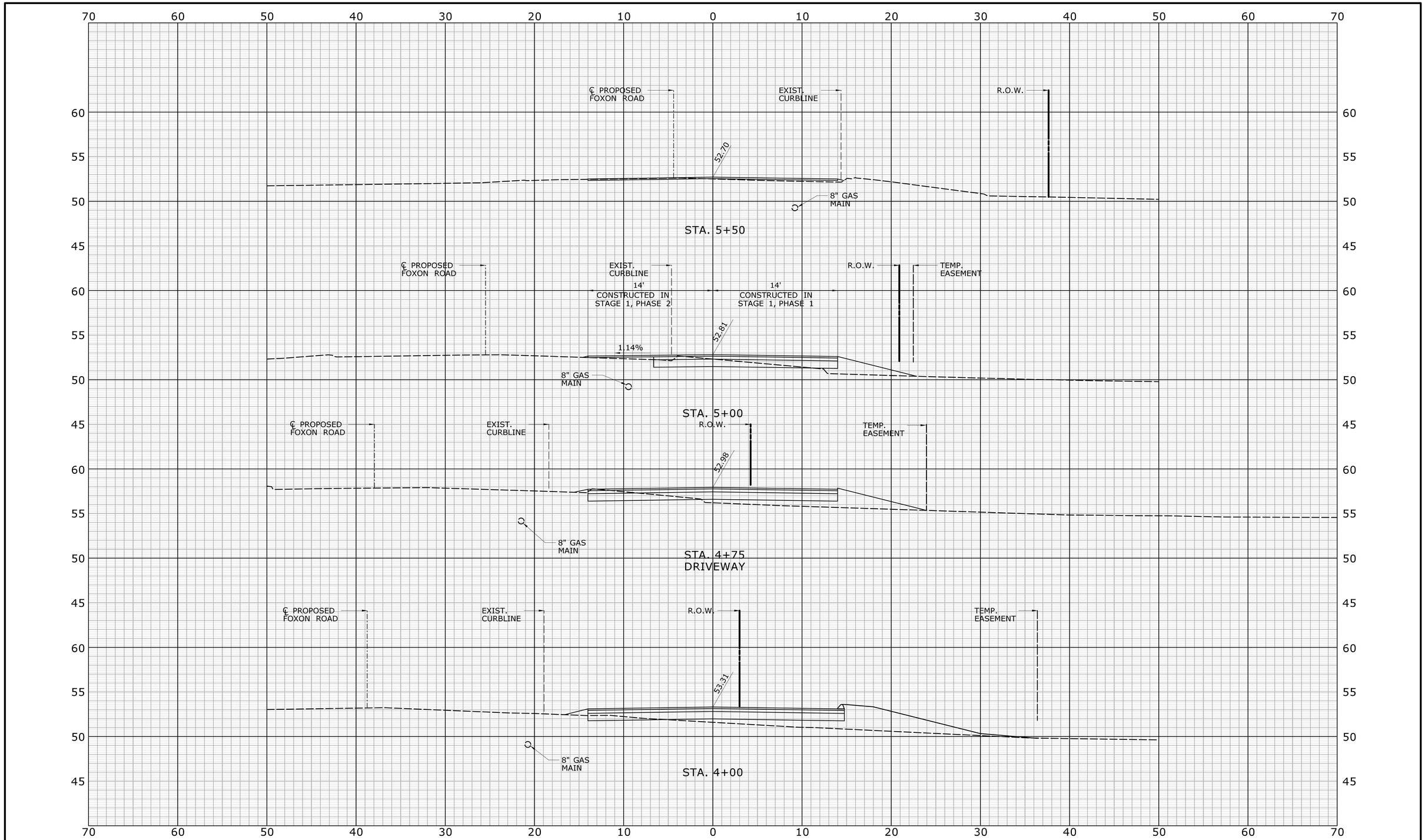
DRAWING TITLE:

ROUTE 80 TEMPORARY BYPASS CROSS SECTIONS

PROJECT NO. **98-101**

DRAWING NO. **XSC-01**

SHEET NO. **03.16**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: JS/MN

CHECKED BY: ZB

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-02.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

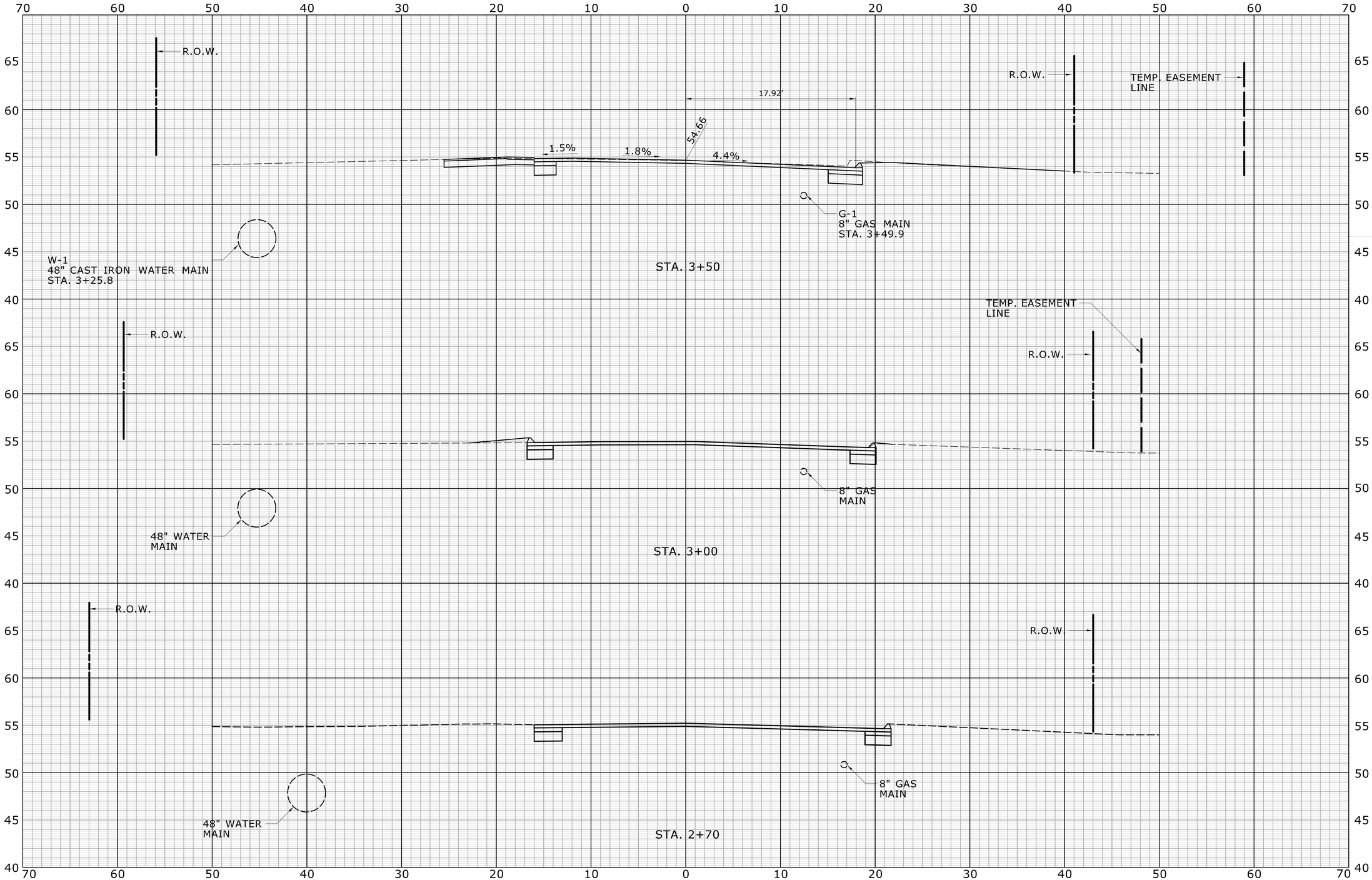
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 TEMPORARY BYPASS CROSS SECTIONS**

PROJECT NO. **98-101**

DRAWING NO. **XSC-02**

SHEET NO. **03.17**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: JS/MN

CHECKED BY: ZB

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-03.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

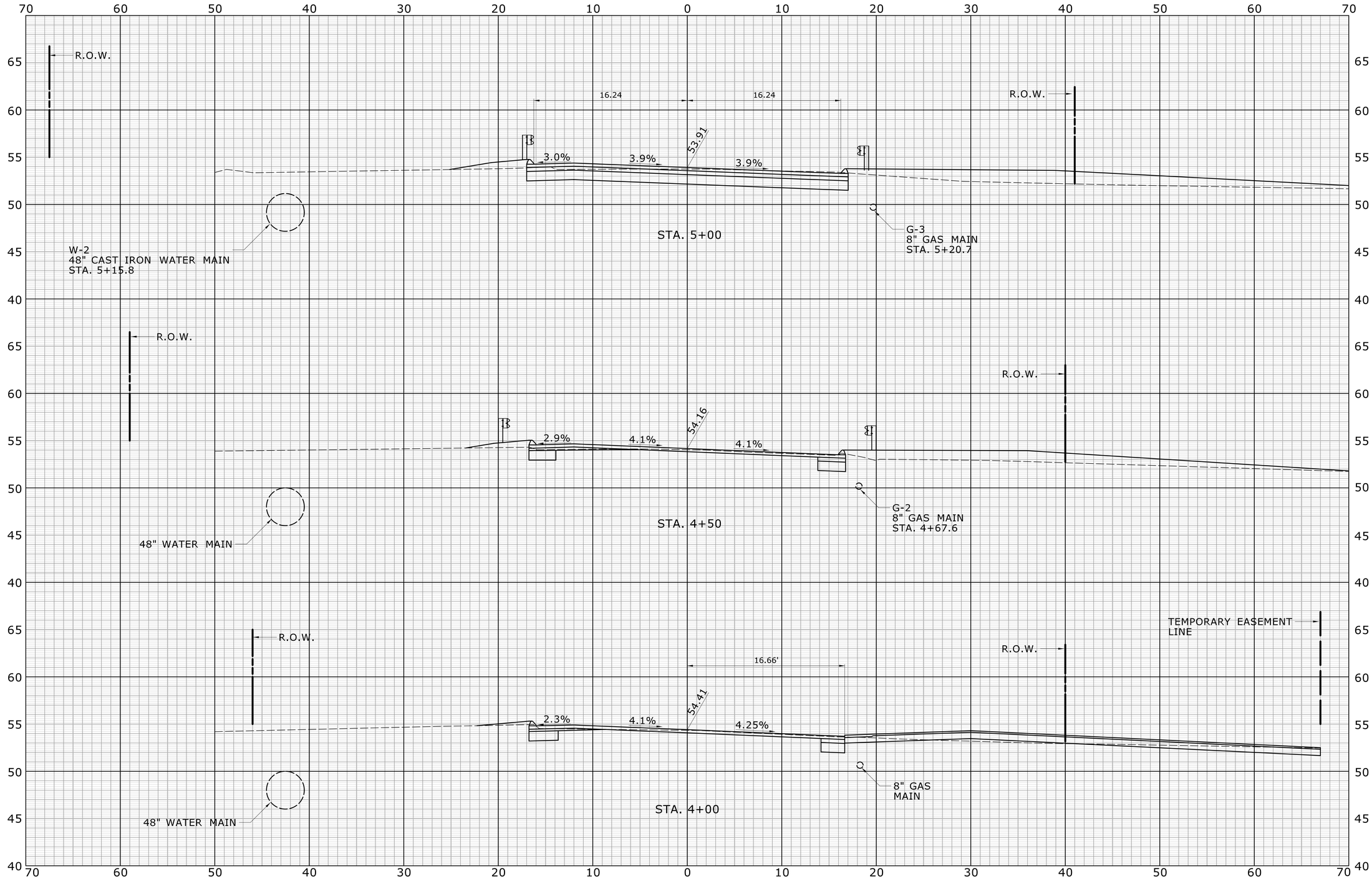
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 CROSS SECTIONS STA. 2+70 TO STA. 3+50**

PROJECT NO. **98-101**

DRAWING NO. **XSC-03**

SHEET NO. **03.18**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: JS/MN

CHECKED BY: ZB

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-04.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

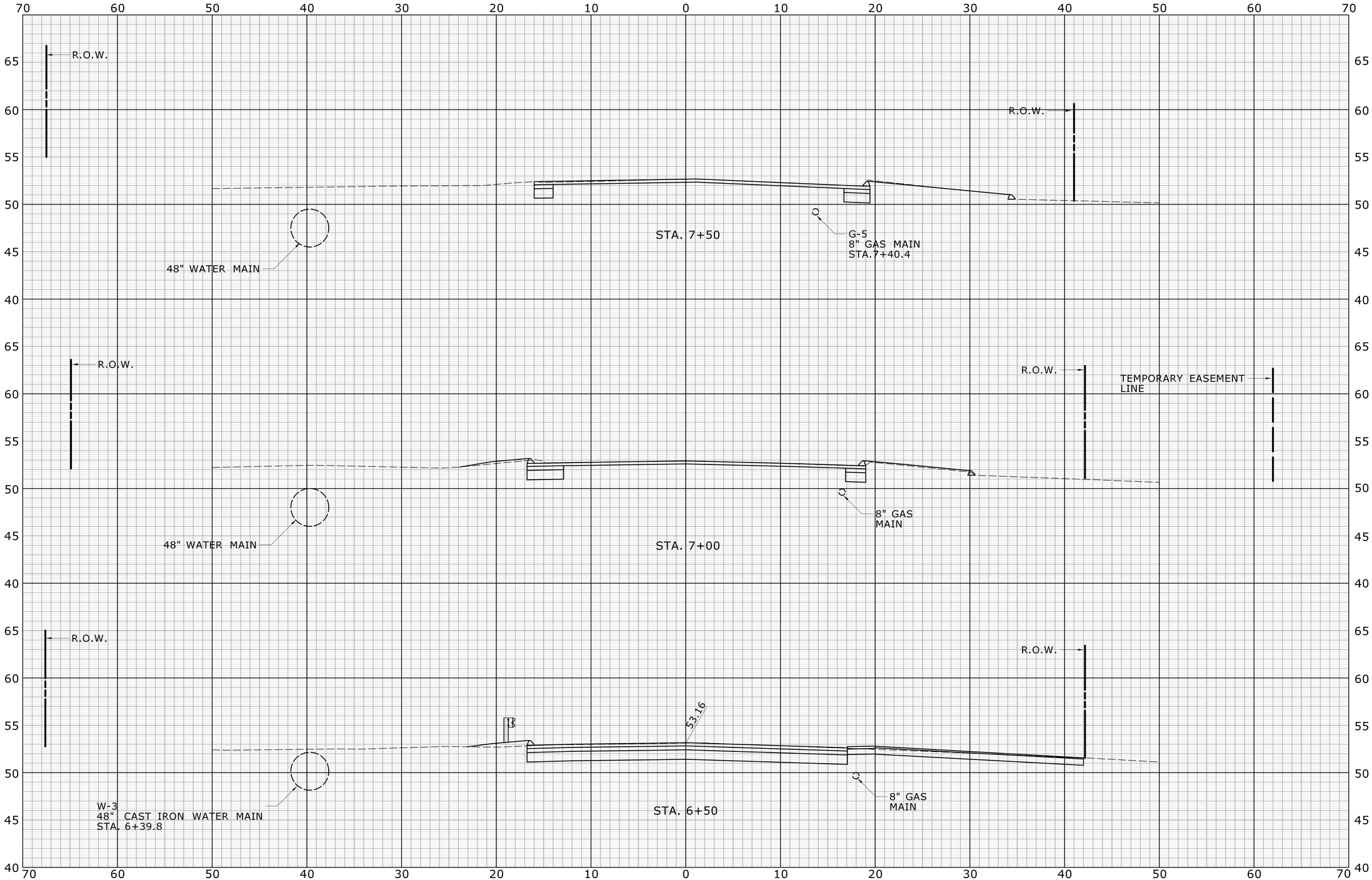
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 CROSS SECTIONS STA. 4+00 TO STA. 5+00**

PROJECT NO. **98-101**

DRAWING NO. **XSC-04**

SHEET NO. **03.19**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: JS/MN

CHECKED BY: ZB

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-05.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

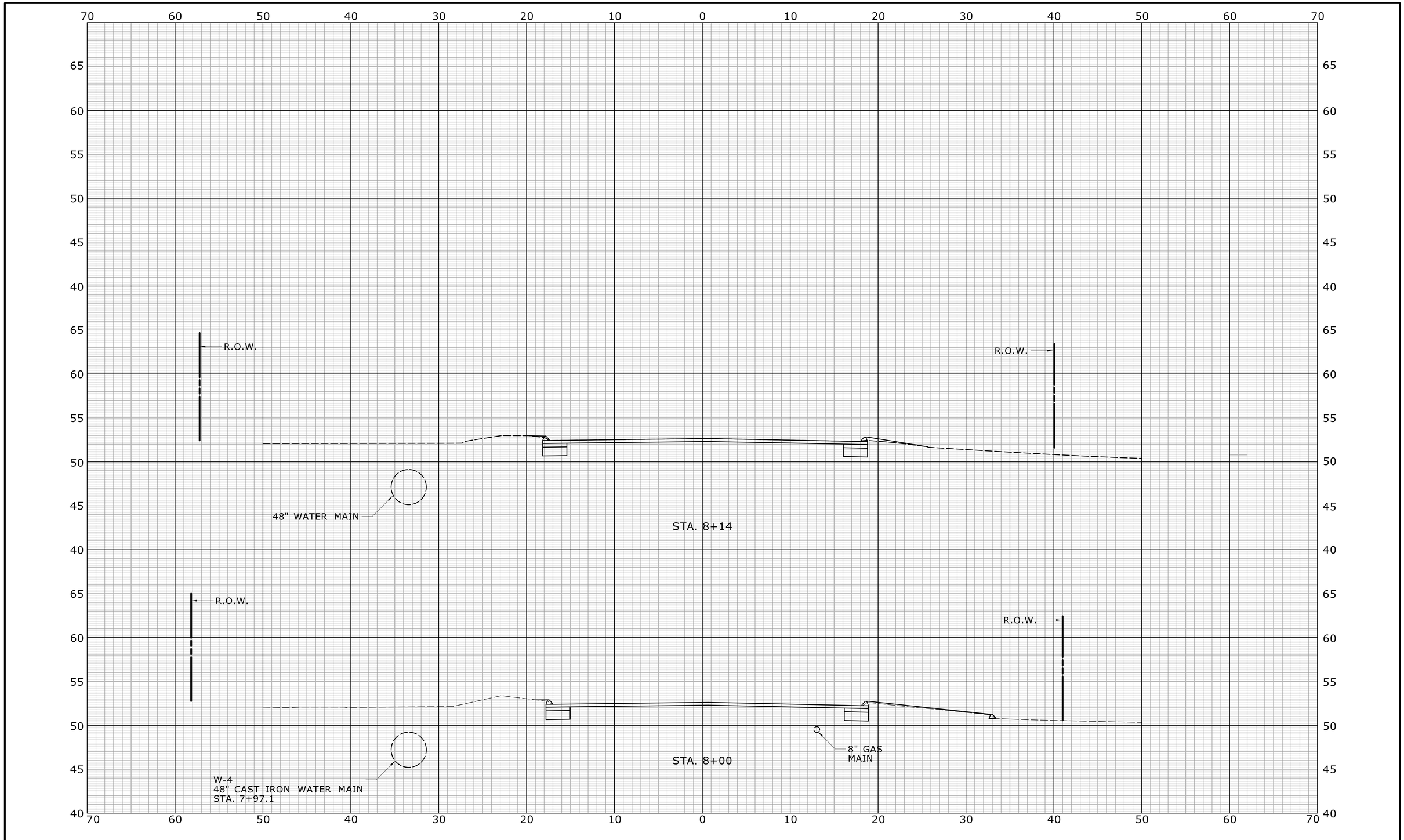
TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 CROSS SECTIONS STA. 6+50 TO STA. 7+50**

PROJECT NO. **98-101**

DRAWING NO. **XSC-05**

SHEET NO. **03.20**



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/22/2017

DESIGNER/DRAFTER: JS/MN

CHECKED BY: ZB

SCALE IN FEET 0 5 10

SCALE 1" = 5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_XSC-06.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: **NORTH BRANFORD**

DRAWING TITLE: **ROUTE 80 CROSS SECTIONS STA. 8+00 TO STA. 8+14**

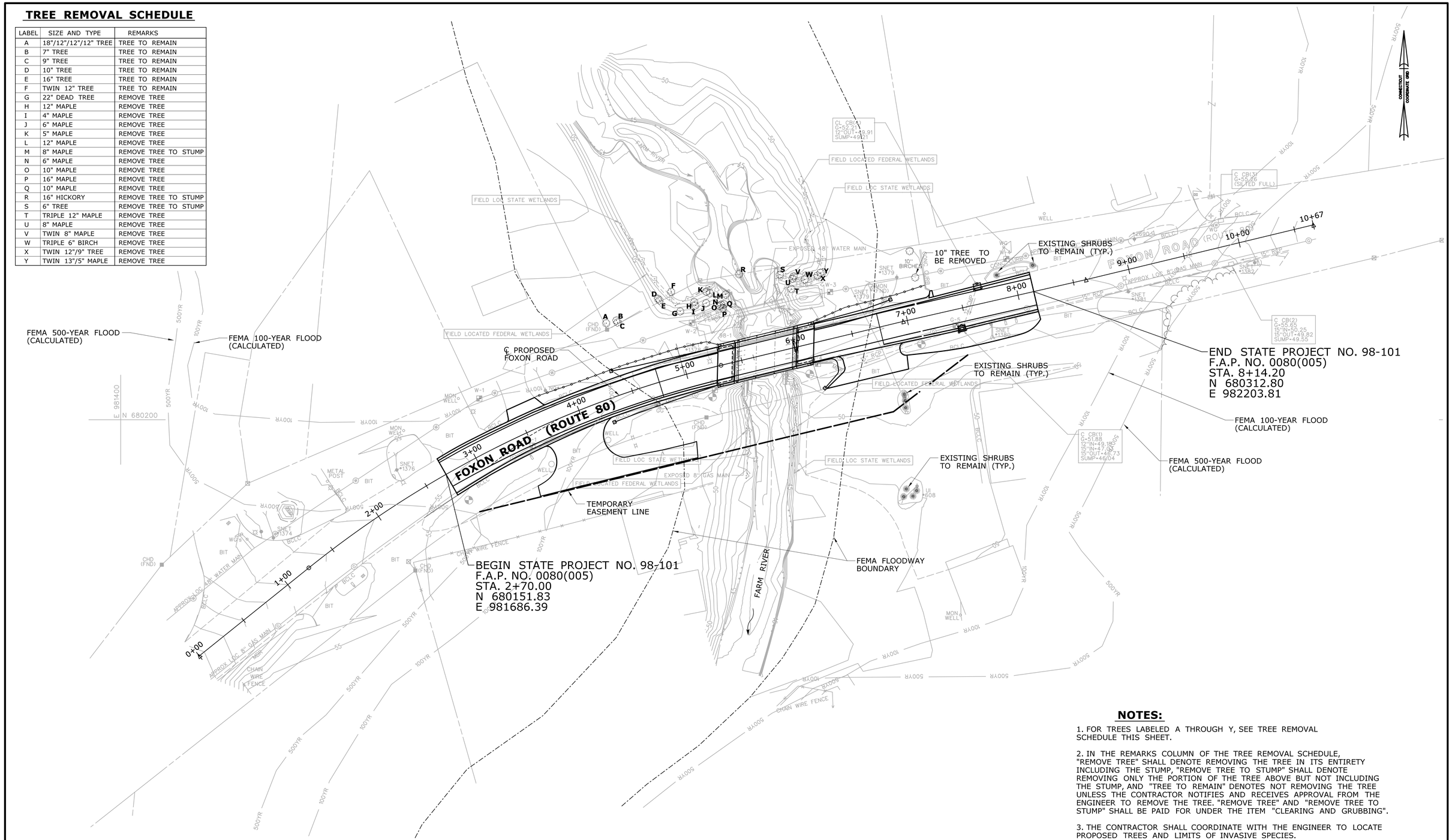
PROJECT NO. **98-101**

DRAWING NO. **XSC-06**

SHEET NO. **03.21**

TREE REMOVAL SCHEDULE

LABEL	SIZE AND TYPE	REMARKS
A	18"/12"/12"/12" TREE	TREE TO REMAIN
B	7" TREE	TREE TO REMAIN
C	9" TREE	TREE TO REMAIN
D	10" TREE	TREE TO REMAIN
E	16" TREE	TREE TO REMAIN
F	TWIN 12" TREE	TREE TO REMAIN
G	22" DEAD TREE	REMOVE TREE
H	12" MAPLE	REMOVE TREE
I	4" MAPLE	REMOVE TREE
J	6" MAPLE	REMOVE TREE
K	5" MAPLE	REMOVE TREE
L	12" MAPLE	REMOVE TREE
M	8" MAPLE	REMOVE TREE TO STUMP
N	6" MAPLE	REMOVE TREE
O	10" MAPLE	REMOVE TREE
P	16" MAPLE	REMOVE TREE
Q	10" MAPLE	REMOVE TREE
R	16" HICKORY	REMOVE TREE TO STUMP
S	6" TREE	REMOVE TREE TO STUMP
T	TRIPLE 12" MAPLE	REMOVE TREE
U	8" MAPLE	REMOVE TREE
V	TWIN 8" MAPLE	REMOVE TREE
W	TRIPLE 6" BIRCH	REMOVE TREE
X	TWIN 12"/9" TREE	REMOVE TREE
Y	TWIN 13"/5" MAPLE	REMOVE TREE



NOTES:

1. FOR TREES LABELED A THROUGH Y, SEE TREE REMOVAL SCHEDULE THIS SHEET.

2. IN THE REMARKS COLUMN OF THE TREE REMOVAL SCHEDULE, "REMOVE TREE" SHALL DENOTE REMOVING THE TREE IN ITS ENTIRETY INCLUDING THE STUMP, "REMOVE TREE TO STUMP" SHALL DENOTE REMOVING ONLY THE PORTION OF THE TREE ABOVE BUT NOT INCLUDING THE STUMP, AND "TREE TO REMAIN" DENOTES NOT REMOVING THE TREE UNLESS THE CONTRACTOR NOTIFIES AND RECEIVES APPROVAL FROM THE ENGINEER TO REMOVE THE TREE. "REMOVE TREE" AND "REMOVE TREE TO STUMP" SHALL BE PAID FOR UNDER THE ITEM "CLEARING AND GRUBBING".

3. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO LOCATE PROPOSED TREES AND LIMITS OF INVASIVE SPECIES.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/12/2017

DESIGNER/DRAFTER: RFS
CHECKED BY: JES
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0098_0101_TRP-01.dgn

SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 01127 - FOXON ROAD (ROUTE 80) OVER FARM RIVER

TOWN: NORTH BRANFORD

DRAWING TITLE: TREE REMOVAL PLAN

PROJECT NO. 98-101
DRAWING NO. TRP-01
SHEET NO. 03.22