CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

BRIDGE NO. 01127
FOXON ROAD (ROUTE 80)
OVER FARM RIVER
Town of
NORTH BRANFORD

GENERAL NOTES:
1. TOWN AND PROJECT NO.
2. F.H.W.A. REGION NO. 1
3. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications
   for Roads, Bridges and Incidental Construction, Form RTA, dated 2004;
   Supplemental Specifications, dated July 2013; and Special Provisions
4. 432 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM
5. VERTICAL DATUM BASED ON NGVD OF 1929

DISCLAIMER
IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED
PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS
FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/or ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION
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MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL,
INCOMPLETE AND/OR INACCURATE INFORMATION.

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PRELIMINARY DESIGN REVIEW

BRIDGE NO. 01127
FOXON ROAD (ROUTE 80)
OVER FARM RIVER
Town
NORTH BRANFORD

0098-0101
EXISTING BRIDGE NO. 01127

0.50%

ELEV 52.34
100 YR WSE (DESIGN)

BRIDGE PROPOSED STRUCTURE (ELEV. 48.6)

LOW CHORD OF EXISTING BRIDGE

ELEV. 53.89 (SHOULDER)
ELEV. 54.13 (CENTERLINE)

STA. 5+90.8 (END OF BRIDGE)

ELEV. 54.08
PVI STA. 6+00

FOXON ROAD

PROFILE ALONG FOXON ROAD

EXISTING GRADE ALONG STA. 1+40
(32' WIDE)

BEGIN FULL DEPTH PAVEMENT
END MILLING AND OVERLAY

DESIGN SPEED - 45 MPH

LIMITS OF HORIZONTAL CURVE RUNWAY

STA. 1+19.14
(32' WIDE)
BEGIN MILLING AND OVERLAY

STA. 1+19.14
BEGIN HORIZONTAL CURVE
R=900.00

LIMITS OF MILLING AND OVERLAY
FROM FULL DEPTH PAVEMENT
STA. 1+19.14

LVC=105'

ELEV. 52.88
PV C STA. 7+19.72
ELEV. 52.68
PVT STA. 8+24.72

ELEV. 52.36
PVI STA. 7+72.22

STA. 8+24.72
(32' WIDE)

AND OVERLAY
END MILLING
AND OVERLAY
STA. 7+30
(32' WIDE)

END MILLING AND OVERLAY
FROM FULL DEPTH PAVEMENT
STA. 7+30

LVC=105'

ELEV. 52.68
PV C STA. 7+19.72
ELEV. 52.48
PV I STA. 6+00

STA. 7+19.72 (END OF BRIDGE)
ELEV. 52.48 (SHOULDER)

100-80-40-00

NORTH BRANFORD
FOXON ROAD (ROUTE 80)
OVER FARM RIVER

PRELIMINARY DESIGN REVIEW

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
STV INCORPORATED

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

PRELIMINARY DESIGN REVIEW
THE CONSTRUCTION WORK WILL PROCEED IN THREE STAGES AS FOLLOWS:

**STAGE ONE CONSTRUCTION**

- PROVIDE ONE-WAY ALTERNATING TRAFFIC BETWEEN TOTOKET ROAD (RT. 740) AND THE TEMPORARY TRAFFIC SIGNAL WEST OF BRIDGE 01127. MAINTAIN ONE 11' LANE AND 3 SHOULDER ON WESTBOUND ROUTE 80.
- CONSTRUCT THE EASTBOUND ROADWAY AND BRIDGE, SEE DWG. STG-02 FOR DETAILS.
- 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 THE CONSTRUCTION WORK.

**STAGE TWO CONSTRUCTION**

- PROVIDE ONE-WAY ALTERNATING TRAFFIC BETWEEN TOTOKET ROAD (RT. 740) AND THE TEMPORARY TRAFFIC SIGNAL EAST OF BRIDGE 01127. MAINTAIN ONE 11' LANE AND 3 SHOULDER ON EASTBOUND ROUTE 80.
- CONSTRUCT THE WESTBOUND ROADWAY AND BRIDGE, SEE DWG. STG-02 FOR 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 THE CONSTRUCTION WORK.

**STAGE THREE CONSTRUCTION**

- SHUNT ALL TRAFFIC ONTO THE NEWLY RECONSTRUCTED FOXON ROAD ROADWAY WITH 12 LANES AND 1 SHOULDER IN BOTH DIRECTIONS OF TRAFFIC.
- SCARIFY AND REMOVE TEMPORARY PAVEMENT.
- RESTORE AREAS DISTURBED BY THE TEMPORARY PAVEMENT CONSTRUCTION DURING STAGE ONE CONSTRUCTION.

CONSTRUCTION SIGNAGE NOTES:

1. LOCATION OF SERIES 16 SIGNAGE ( ) 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. NO. STG-02 THROUGH STG-04.
BEGIN STATE PROJECT NO. 098-101
FAP NO. J-14.14
N 680066.69
E 981562.06

PROJECT TITLE:
FOXON ROAD (ROUTE 80)

SIGN DESIGNATION AND DESCRIPTION

SIGN ASSEMBLY
SIGN DESCRIPTION
CATALOG NO.
SIGN SIZE

1980-9424
48" x 24"

NOTES:
1. THIS PLAN SHOWS THE WORK NECESSARY TO CONSTRUCT THE TEMPORARY ROADWAY AND THE ASSOCIATED LAYOUT OF TEMPORARY TRAFFIC CONTROL DEVICES. FOR THE STAGE OF CONSTRUCTION SEE STAGE ONE CONSTRUCTION TYPICAL SECTION ON DWG. NO. STG-01 FOR FURTHER INFORMATION ON THE LOCATION OF TEMPORARY TRAFFIC SIGNALS.
2. TEMPORARY TRAFFIC SIGNALS TO BE INTEGRATED AND COORDINATED WITH EXISTING SIGNAL AT FOXON ROAD.

PRELIMINARY DESIGN REVIEW

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

STV INCORPORATED
BRIDGE NO. 01127
FOXON ROAD (ROUTE 80)
OVER FARM RIVER
NORTH BRANFORD
STAGE 1 CONSTRUCTION PLAN

NORTH BRANFORD
098-101
98-01
STG-02
7
BEGIN STATE PROJECT NO. 098-101
FAP NO.
STA. 1+19.14
N 680066.69
E 981562.06

END STATE PROJECT NO. 098-101
FAP NO.
STA. 8+24.72
N 680312.75
E 982215.47

NOTE:
1. THIS PLAN SHOWS THE WORK NECESSARY TO CONSTRUCT THE TEMPORARY ROADWAY AND THE ASSOCIATED LIMITS OF TEMPORARY TRAFFIC CONTROL DEVICES. FOR THIS PROJECT, SEE DWG. NO. STG-03 FOR FURTHER INFORMATION ON THE LOCATION OF TEMPORARY TRAFFIC CONTROL DEVICES FOR PLAN OF THE PERMANENT ROADWAY. SEE DWG. NO. DRN-01.

2. TEMPORARY TRAFFIC SIGNALS TO BE INTERCONNECTED AND COORDINATED WITH EXISTING SIGNALS AT TOTOKET ROAD.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN REVIEW

STV INCORPORATED

BRIDGE NO. 01127
FOXON ROAD (ROUTE 80)
OVER FARM RIVER
NORTH BRANFORD
STAGE 2 CONSTRUCTION PLAN

098-101
STG-03