

TOWNSHIP PLANNING COMMISSION

PENN TOWNSHIP PLANNING COMMISSION APPROVED

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

TOWNSHIP SUPERVISORS

PENN TOWNSHIP SUPERVISORS APPROVED

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

**STORMWATER FACILITIES
ACKNOWLEDGEMENT**

I / WE _____, THE
LANDOWNER(S) MY / OUR HEIR(S) AND ASSIGNS,
ACKNOWLEDGE THE STORMWATER MANAGEMENT
SYSTEM TO BE A PERMANENT FACILITY WHICH CAN
BE ALTERED OR REMOVED ONLY AFTER APPROVAL OF
A REVISED PLAN BY THE PENN TOWNSHIP
SUPERVISORS.

OWNER _____ BY _____

**DESIGN ENGINEER STORMWATER
CERTIFICATION**

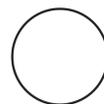
I, _____, HEREBY CERTIFY THAT
THE STORMWATER MANAGEMENT PLAN MEETS ALL
DESIGN STANDARDS AND CRITERIA OF THE PENN
TOWNSHIP STORMWATER MANAGEMENT ORDINANCE.

OWNER(S) CERTIFICATION

STATE OF: PENNSYLVANIA
COUNTY OF: SNYDER

ON THIS THE _____ DAY OF _____, 20____ THE
UNDERSIGNED OWNER(S) PERSONALLY APPEARED
BEFORE ME AND CERTIFIED THAT THEY WERE THE
OWNER(S) OF THE PROPERTY SHOWN ON THIS PLAN
AND ACKNOWLEDGE THE SAME TO BE THEIR ACT
AND PLAN AND DESIGNS, THE SAME TO BE
RECORDED AS SUCH ACCORDING TO THE LAW.

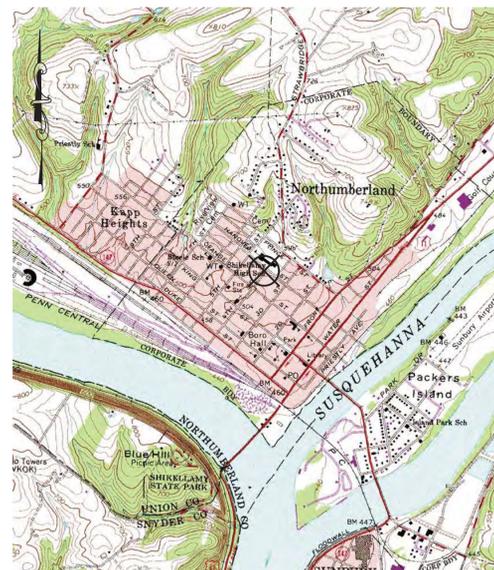
OWNER _____ BY _____
WITNESS MY HAND AND SEAL, THIS DATE _____



NOTARY PUBLIC

SUSQUEHANNA RIVER STREAMBANK REHABILITATION PROJECT

FOR
NORTHUMBERLAND BOROUGH, NORTHUMBERLAND COUNTY,
PENNSYLVANIA



LOCATION MAP
SCALE: 1" = 2,000'

LEGEND
⊗ PROJECT LOCATION

SHEET INDEX

- SHEET 01 - CS COVER SHEET
- SHEET 02 - C1 STREAM BANK STABILIZATION PLAN/ DETAILS
- SHEET 03 - C2 CONCEPT PLAN

GENERAL NOTES

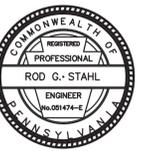
- BOUNDARY AND TOPOGRAPHICAL SURVEY BY STAHL SHEAFFER ENGINEERING ON MARCH 6, 2012.
- ELEVATIONS BASED ON ASSUMED DATUM.
ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO NORTHUMBERLAND BOROUGH STANDARDS.



SITE KEY MAP
SCALE: 1" = 400'

LEGEND
⊗ PROJECT LOCATION

**STAHL
SHEAFFER**
ENGINEERING, LLC
301 SCIENCE PARK ROAD, SUITE 333
STATTS COLLEGE, PA 16803
PH: 814-689-1562
FAX: 814-689-1985
WWW.SSE-LLC.COM



SEAL:

SURVEYOR _____ RGN
CADD _____ ACC
DESIGNER _____ CES
PROJ. MANAGER _____ CES
FILE _____ 11-137

9-13-13 ISSUED FOR CONSTR.
DATE DESCRIPTION
REVISIONS

PROJECT NAME

**SUSQUEHANNA
RIVER
STREAMBANK
REHABILITATION
PROJECT**

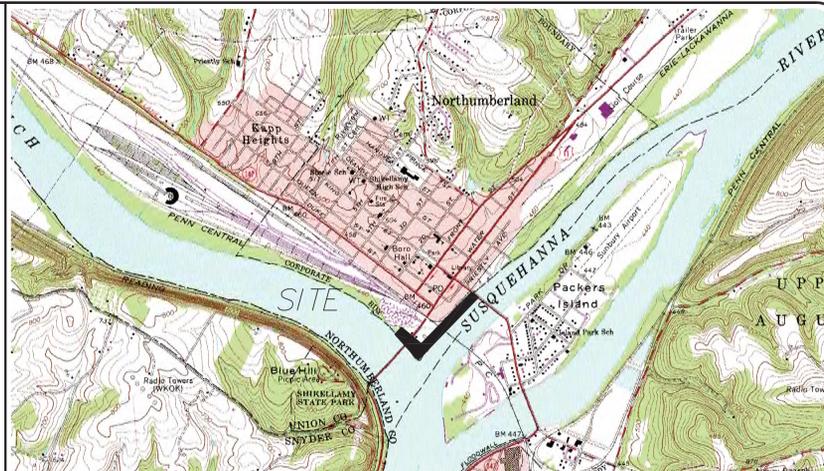
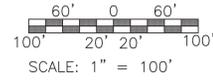
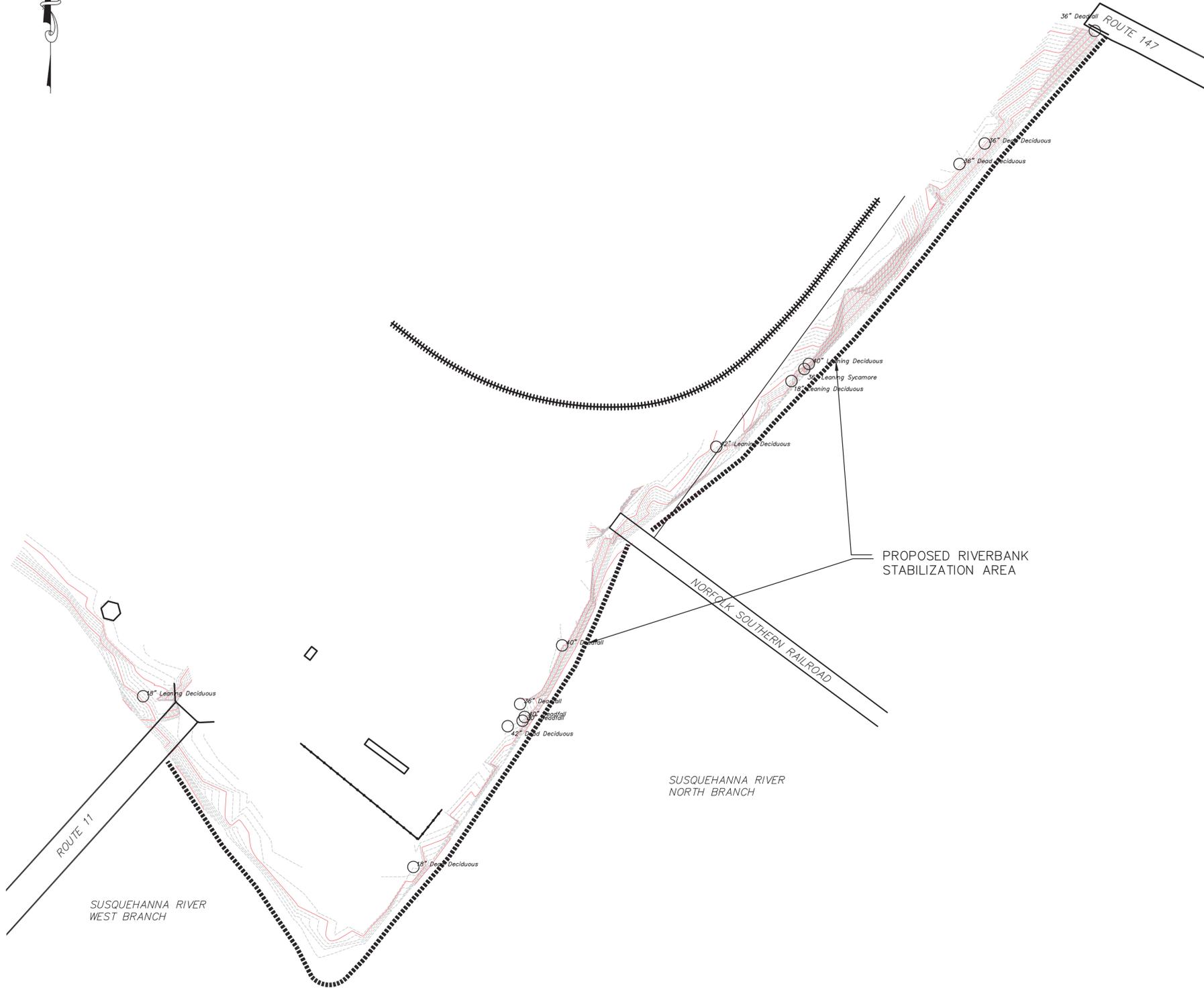
SHEET NAME

COVER SHEET

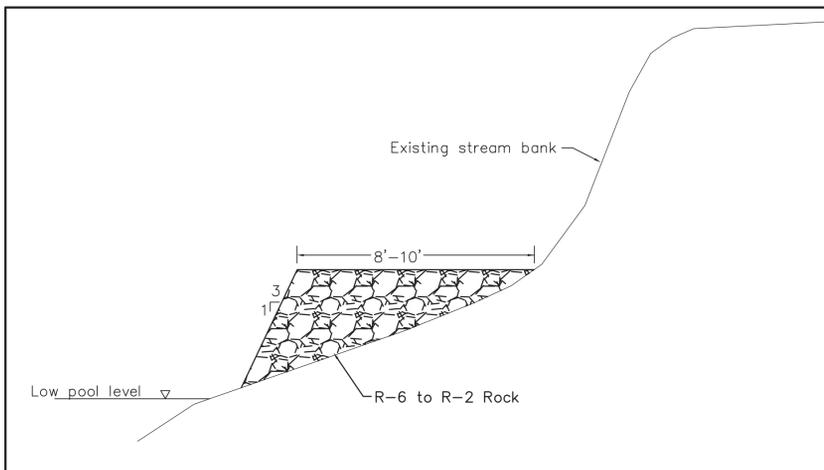
PROJECT NO.
SSE 11-137

DATE
MARCH 20, 2012

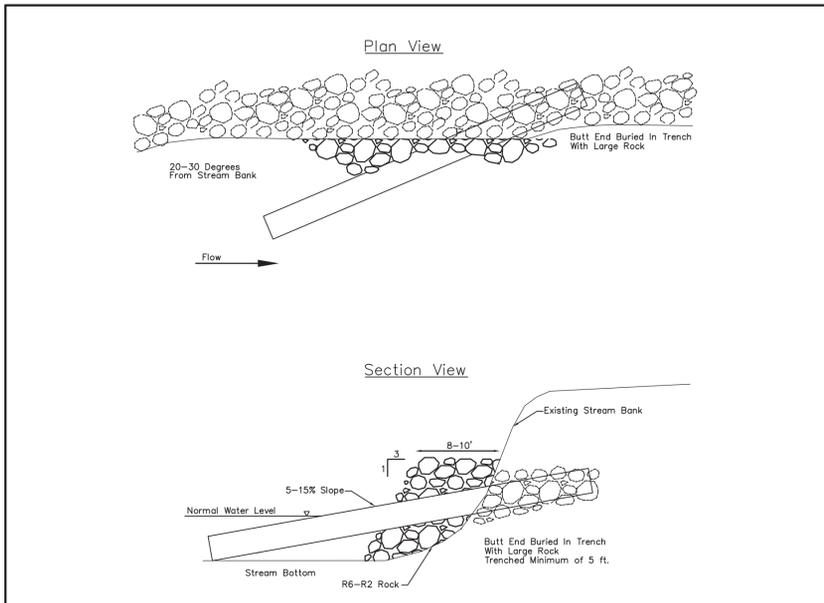
SCALE SHEET NO.
AS NOTED CS



LOCATION MAP -- NORTHUMBERLAND QUADRANGLE
SCALE: 1" = 2000'



PROPOSED STREAMBANK RESTORATION SECTION (TYP.)
NTS



STREAM BANK STABILIZATION WITH LOG VANE DEFLECTOR
NTS

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FILE _____ 11-137

DATE	DESCRIPTION
9-13-13	ISSUED FOR CONSTR.
REVISIONS	

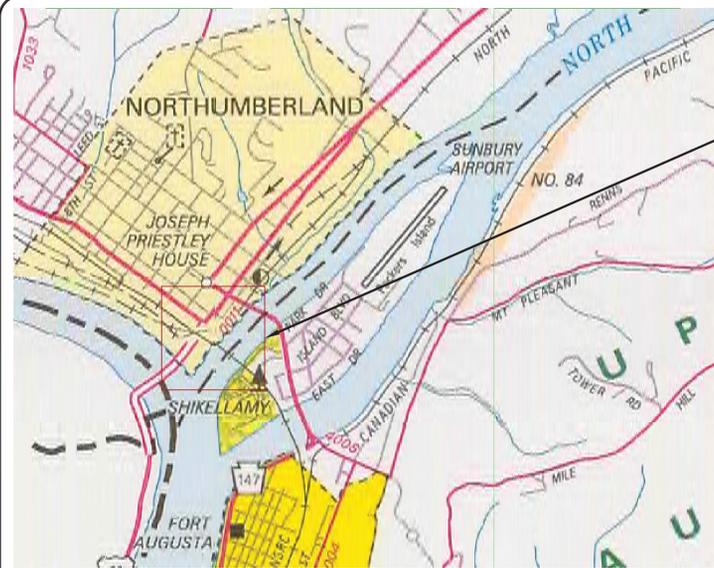
PROJECT NAME
**NORTHUMBERLAND
STREAM BANK
REHABILITATION**

SHEET NAME
**STREAM BANK
STABILIZATION
PLAN/
DETAILS**

PROJECT NO.
SSE 11-137

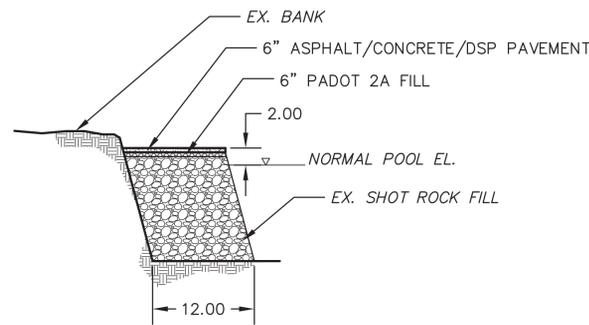
DATE
APRIL 27, 2012

SCALE SHEET NO.
1" = 100' C1



LOCATION MAP - NORTHUMBERLAND COUNTY

SCALE: 1" = 2000'



DETAIL - GREENWAY TYP. SECTION

SCALE: N.T.S.

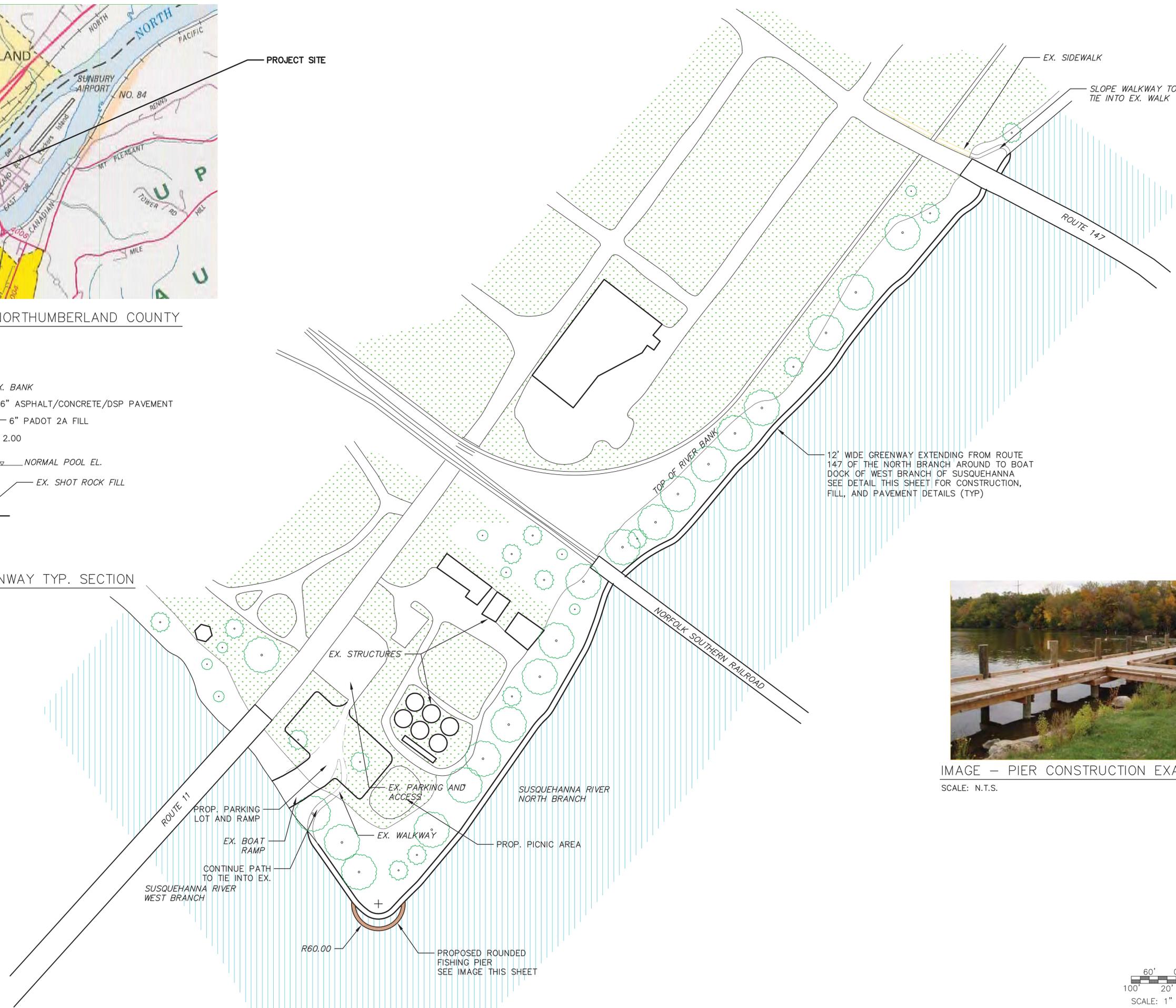
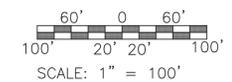


IMAGE - PIER CONSTRUCTION EXAMPLE

SCALE: N.T.S.



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SURVEYOR _____ RGN
CADD _____ ACC
DESIGNER _____ CES
PROJ. MANAGER _____ CES
FILE _____ 11-137

9-13-13	ISSUED FOR CONSTR.
DATE	DESCRIPTION

REVISIONS

PROJECT NAME
NORTHUMBERLAND BOROUGH GREENWAY

SHEET NAME

CONCEPT PLAN

PROJECT NO.
SSE 11-137

DATE
MARCH 30, 2012

SCALE	SHEET NO.
VARIES	C2