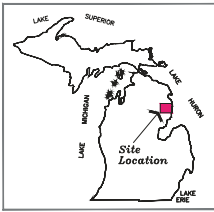


PRELIMINARY

CEDAR LAKE IMPROVEMENT BOARD - SHERMAN CREEK PIKE ENHANCEMENT

Cedar Lake, Greenbush, Michigan

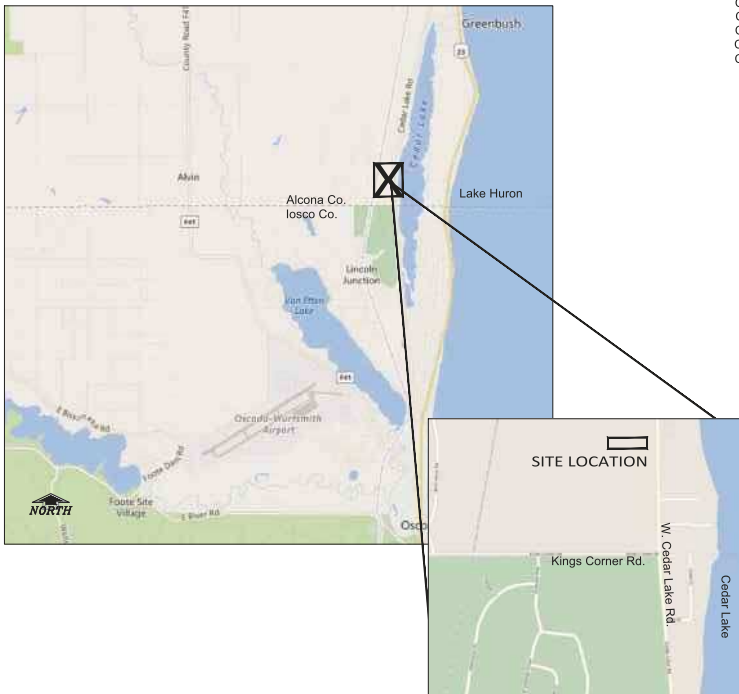


CONSULTANT CONTACT
KIESER & ASSOCIATES, LLC
 536 E. Mich. Ave, Ste 300
 Kalamazoo, MI 49007
 (269) 344-7117
 Mr. John A Jacobson, P.E.

OWNER CONTACT
CEDAR LAKE IMPROVEMENT BOARD
 P.O. Box 53
 Greenbush, MI 48738
 (810) 516-6686
 Mr. Rex Vaughn, Chairman

THESE PLANS ARE LIMITED TO THE IN-STREAM GRADE CONTROL STRUCTURES ONLY AND DO NOT INCLUDE OTHER WORK ITEMS SUCH AS FALLEN TREE REMOVAL, LOG JAM REMOVAL, STREAMBANK STABILIZATION MEASURES, NATIVE RIPARIAN VEGETATION RESTORATION OR WOODY HABITAT STRUCTURES.

PROJECT LOCATION



INDEX OF DRAWING SHEETS

- C 001 Cover Sheet
- C 002 Sherman Creek Elevations Survey
- C 003 Sherman Creek Plan and Profile
- C 004 Sherman Creek Cross-Sections
- C 005 Sherman Creek Grade Structures

NOTES:

1. The Contractor is responsible for contacting MISS DIG (1-800-482-7171) at least 3 working days before construction begins. The Contractor shall provide the MISS DIG ticket number upon request. Any utility conflicts must be presented to the Engineer in writing prior to commencement of work.
2. The Landowner is responsible for obtaining any Federal or State permits.
3. The Contractor is responsible for obtaining all other permits.
4. The Contractor is responsible for knowing and following all appropriate safety standards which are required by the Michigan Occupational Safety and Health Act.
5. Hard hats must be worn by anyone on the site who may be exposed to falling objects or flying debris and anyone within the operating range of overhead construction equipment. This equipment includes, but is not limited to, backhoes, cranes, draglines, and front end loaders.
6. Any deviation from these construction drawings and specifications will be considered defective work, subject to modification for conformance at the Contractor's expense.
7. Contractor shall keep disturbance of all areas of construction to a minimum.
8. Locations and elevations of existing utilities are not exact. Contact Miss Dig at 1-800-482-7171, prior to beginning construction.
9. Existing utilities destroyed or disturbed by the Contractor's operations shall be repaired at the Contractor's expense.
10. Hand dig in all areas of existing utilities.
11. The contractor shall be required to prevent movement of soil off site. Additional silt fencing may be required beyond that shown. Any additional silt fencing shall be incidental to work.
12. All work shall be checked for accuracy to the plans by the Contractor prior to installation.

Approved

by DEQ WRD Jan 07, 2019



DATE
OCT 18, 2018

PROJECT TITLE
CEDAR LAKE IMPROVEMENT BOARD SHERMAN CREEK PIKE ENHANCEMENT

CEDAR LAKE IMPROVEMENT BOARD
 P.O. Box 53,
 Greenbush,
 Michigan

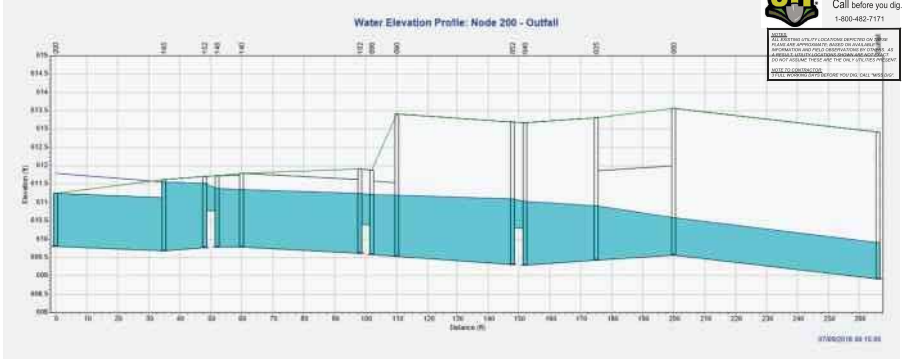
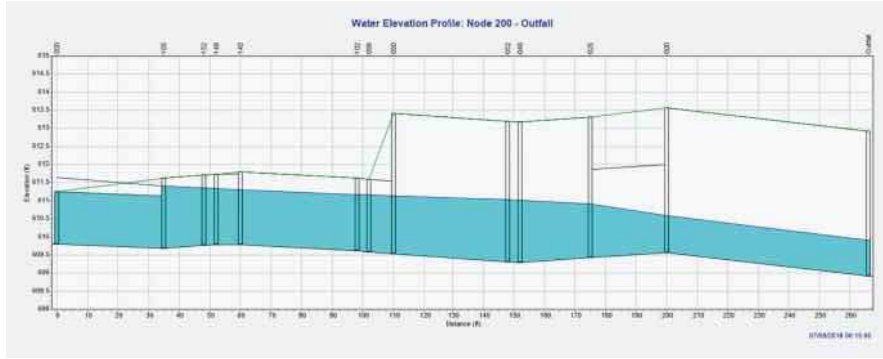


JOB PERMIT ISSUED FOR 10/18/2018 DATE

SHEET TITLE
COVER SHEET



SHEET NUMBER
C 001



DATE
OCT. 18, 2018

PROJECT TITLE
CEDAR LAKE IMPROVEMENT BOARD SHERMAN CREEK PIKE ENHANCEMENT

CEDAR LAKE IMPROVEMENT BOARD
P.O. Box 53,
Greenbush,
Michigan



JOINT PERMIT ISSUED FOR 10/18/2018 DATE

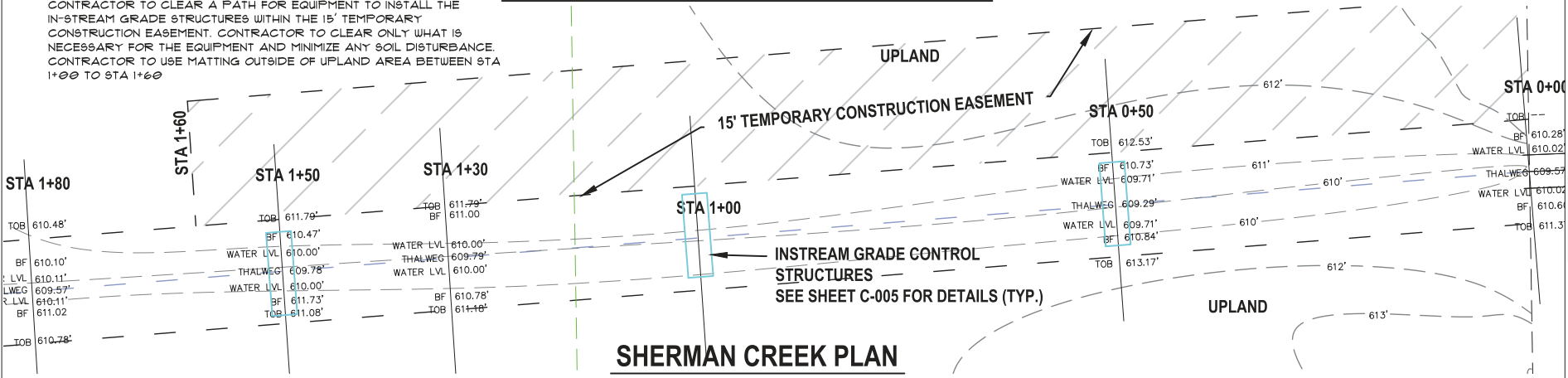
SHEET TITLE
SHERMAN CREEK PLAN AND PROFILE



SHEET NUMBER
C 003

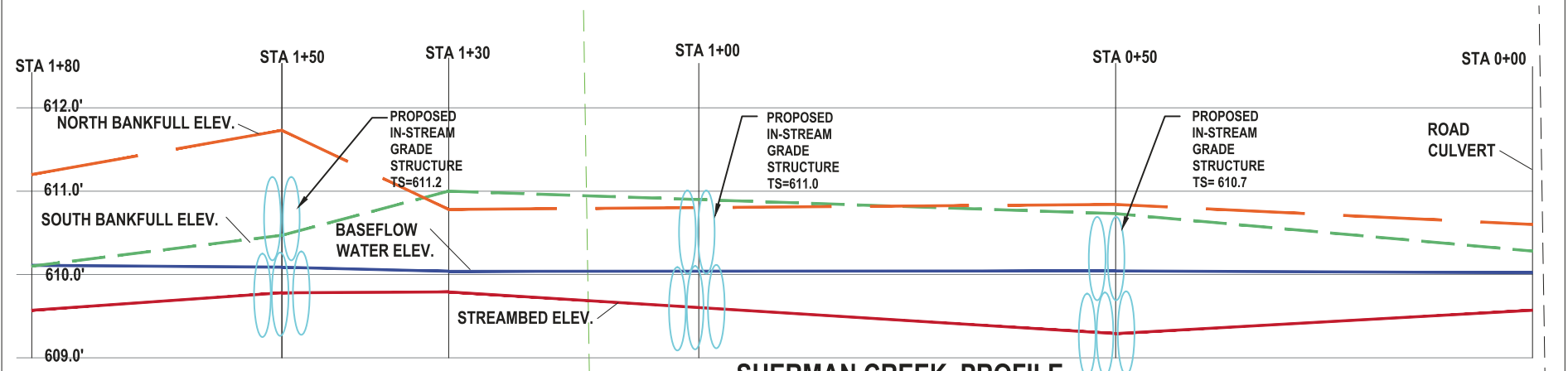
SHERMAN CREEK HYDRAULIC PROFILES

NOTE:
CONTRACTOR TO CLEAR A PATH FOR EQUIPMENT TO INSTALL THE IN-STREAM GRADE STRUCTURES WITHIN THE 15' TEMPORARY CONSTRUCTION EASEMENT. CONTRACTOR TO CLEAR ONLY WHAT IS NECESSARY FOR THE EQUIPMENT AND MINIMIZE ANY SOIL DISTURBANCE. CONTRACTOR TO USE MATTING OUTSIDE OF UPLAND AREA BETWEEN STA 1+00 TO STA 1+00



SHERMAN CREEK PLAN

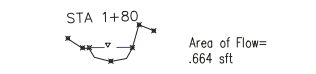
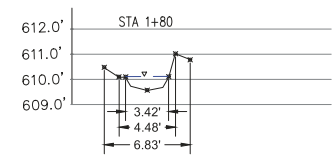
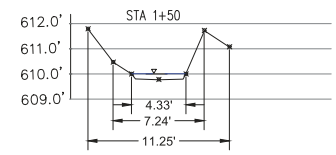
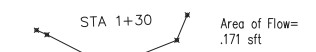
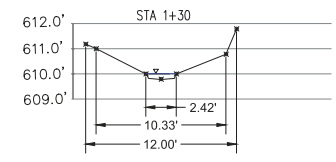
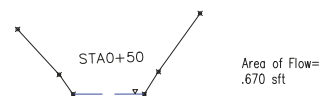
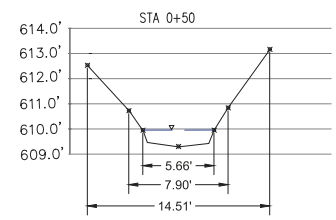
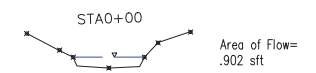
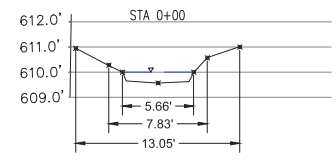
SCALE: 1"=5'



SHERMAN CREEK PROFILE

SCALE: 1"=5' HORIZONTAL, 1"=1' VERTICAL





SOUTH NORTH

SOUTH NORTH

SHERMAN CREEK SURVEYED CROSS-SECTION ELEVATIONS



