

Information for File #MVP-2015-01603-LMG

Applicant: Minnesota Department of Natural Resources

Corps Contact: LeeAnn Glomski

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Phone: 651-290-5324

Section: 17

Township: 102N

Range: 6W

Information Complete On: November 20, 2015

Posting Expires On: November 30, 2015

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under Section(s) 9 & 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link:

<http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

Project Description

The Minnesota Department of Natural Resources proposes to discharge fill material into 260 square feet of the East Beaver Creek, a designated trout stream. The work would be conducted in association with the replacement of an existing concrete slab/low water crossing at the entrance to Beaver Creek Valley State Park campground with an open-bottom concrete arched culvert. The new culvert would keep motor vehicles out of the stream and allow the stream system to function more naturally and improve water quality. A rock weir would be installed just upstream of the new bridge to control elevation and minimize head cutting associated with the removal of the existing concrete slab.

Federally Listed Threatened and Endangered Species

According to the USFWS Midwest Region website, which was checked on November 20, 2015, the Northern long-eared bat (threatened), Higgins eye pearlymussel (endangered) and Eastern massasauga (proposed as threatened) are found in Houston County, Minnesota

Historic Properties

The latest version of the National Register of Historic Places has been consulted and no listed properties (known to be eligible for inclusion, or include in the Register) are located in the project area.

State Listed Impaired (Section 303(d)) Waters

According to the Minnesota Pollution Control Agency's Impaired Waters Viewer, which was checked on November 20, 2015, there are no state listed impaired waters located within 1-mile of the project area.

Drawings See attached MVP-2015-01603-LMG Page 1 of 6 through Page 6 of 6.



PLAN SYMBOLS

COUNTY LINE	=====
TOWNSHIP OR RANGE LINE	=====
SECTION LINE	=====
QUARTER LINE	=====
SIXTEENTH LINE	=====
EXISTING R/W	=====
NEW R/W	=====
TEMP EASE	=====
RAILROAD R/W	=====
UNSURFACED RD. OR SHLD.	=====
EDGE OF LAKE	=====
SWAMP BOUNDARY	=====
MISCELLANEOUS BOUNDARY	=====
CORPORATE OR CITY LIMITS	=====
VACATED PLATTED PROPERTY	=====
RECREATIONAL TRAIL	=====
ALIGNMENT STATIONS	1+00 1+12
ALIGNMENT POINTS	-----
RIVER OR CREEK	-----
DRAINAGE DITCH	-----
BRIDGE	-----
RAILROAD (SINGLE TRACK)	-----
RR CROSSING PAVEMENT MARKING	-----
RR CROSSING GATE	-----
RR CROSSBUCK SIGN	-----
RR CROSSBUCK SIGN W/LIGHTS	-----
BARBED WIRE FENCE	-----
CHAIN LINK FENCE	-----
WOVEN WIRE, COMBINATION WOVEN AND BARB	-----
WOOD FENCE	-----
BELLEVILLE	-----
RETAINING WALL	-----
GUARDRAIL (CABLE)	-----
GUARDRAIL (PLATE BEAM)	-----
DRAIN TILE	-----
CULVERT	-----
CULVERT WITH APRONS	-----
WOODS OR BRUSH, NURSERY	-----
DECIDUOUS TREES	-----
CONIFER (EVERGREEN) TREES	-----
HEDGE	-----
BUSH OR SHRUB	-----
STUMP	-----
SWAMP OR MARSH	-----
MONUMENT (CIRCULAR/BCP, ...)	-----
CONCRETE OR STONE MONUMENT	-----
IRON PIPE	-----
IRON PIN OR REBAR	-----
IRON PIN WITH BRASS DISK	-----
NAIL, PK NAIL, SPIKE, SFP, T-BAR, ...	-----
VERTICAL CONTROL	-----
HORIZONTAL CONTROL	-----
POWER POLE	-----
LIGHT POLE	-----
LIGHT AND TELEPHONE POLE	-----
LIGHT, TELEPHONE AND POWER POLE	-----
GUY POLE	-----
POLE ANCHOR	-----
TELEPHONE POLE	-----
TELEPHONE AND POWER POLE	-----
UNDERGROUND CABLE PEDESTAL	-----
TELEPHONE MANHOLE (WALL)	-----
ELECTRIC CABLE IN CONDUIT	-----
TELEPHONE CABLE IN CONDUIT	-----
BURIED ELECTRIC CABLE	-----
BURIED TELEPHONE CABLE	-----
GAS LINE	-----
WATER LINE	-----
VALVE	-----
FIRE HYDRANT	-----
WATER MANHOLE	-----
WELL	-----
LAWN SPRINKLER HEAD	-----
MANHOLE	-----
CATCH BASIN	-----
SEPTIC TANK	-----
FORCE MAIN LIFT STA.	-----
SEWER LINE	-----
PERMANENT BARRICADE	-----
TRAFFIC SIGNAL LIGHT	-----
HAND HOLE	-----
ENTRANCE	-----
BUILDING	-----
SATELLITE DISH	-----
STEEL TOWER	-----
FLAD POLE	-----
VERIFY ALL DIMENSIONS AND LOCATIONS ON THE JOB. REPORT ALL DISCREPANCIES TO THE ENGINEER.	
DO NOT SCALE DRAWINGS	

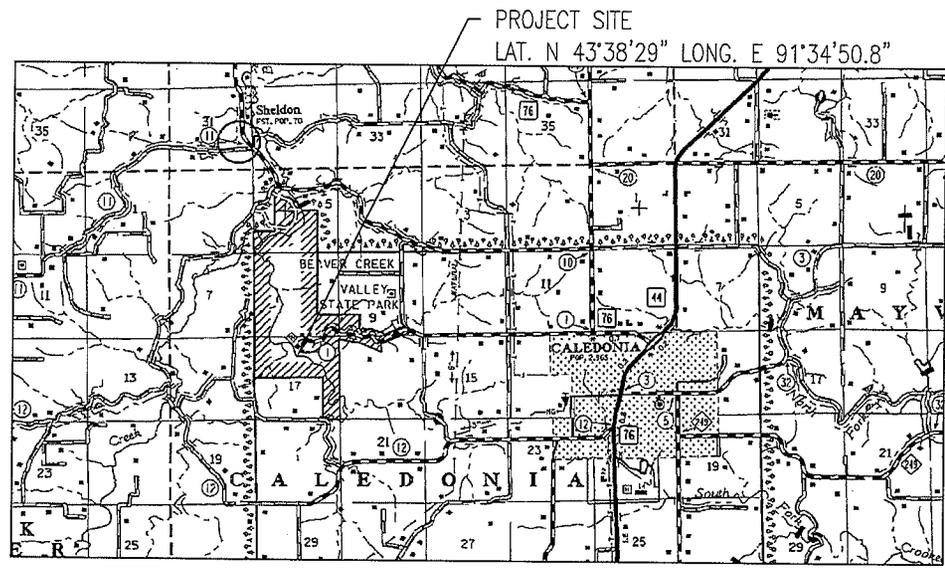
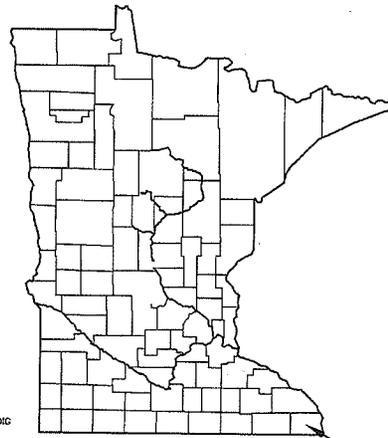
MINNESOTA DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF PARKS AND TRAILS
BEAVER CREEK VALLEY STATE PARK
LOW WATER CROSSING REPLACEMENT

SHEET INDEX

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PRELIMINARY PLAN

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.



PROJECT LOCATION

ALL NECESSARY EASEMENTS, PERMITS AND RIGHTS OF WAY FOR THE PROJECT SHALL BE SECURED BY THE OWNER OR SPONSOR BEFORE CONSTRUCTION WORK IS COMMENCED UNLESS OTHERWISE SPECIFIED

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Approval	
Division of Parks and Trails	D310
Operations Services Division	D310

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 Lic. Number: X00000 Exp. 3.27.2015

Operations Services Division
 Safety
 Facilities
 Materials
 Equipment
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 Information Management

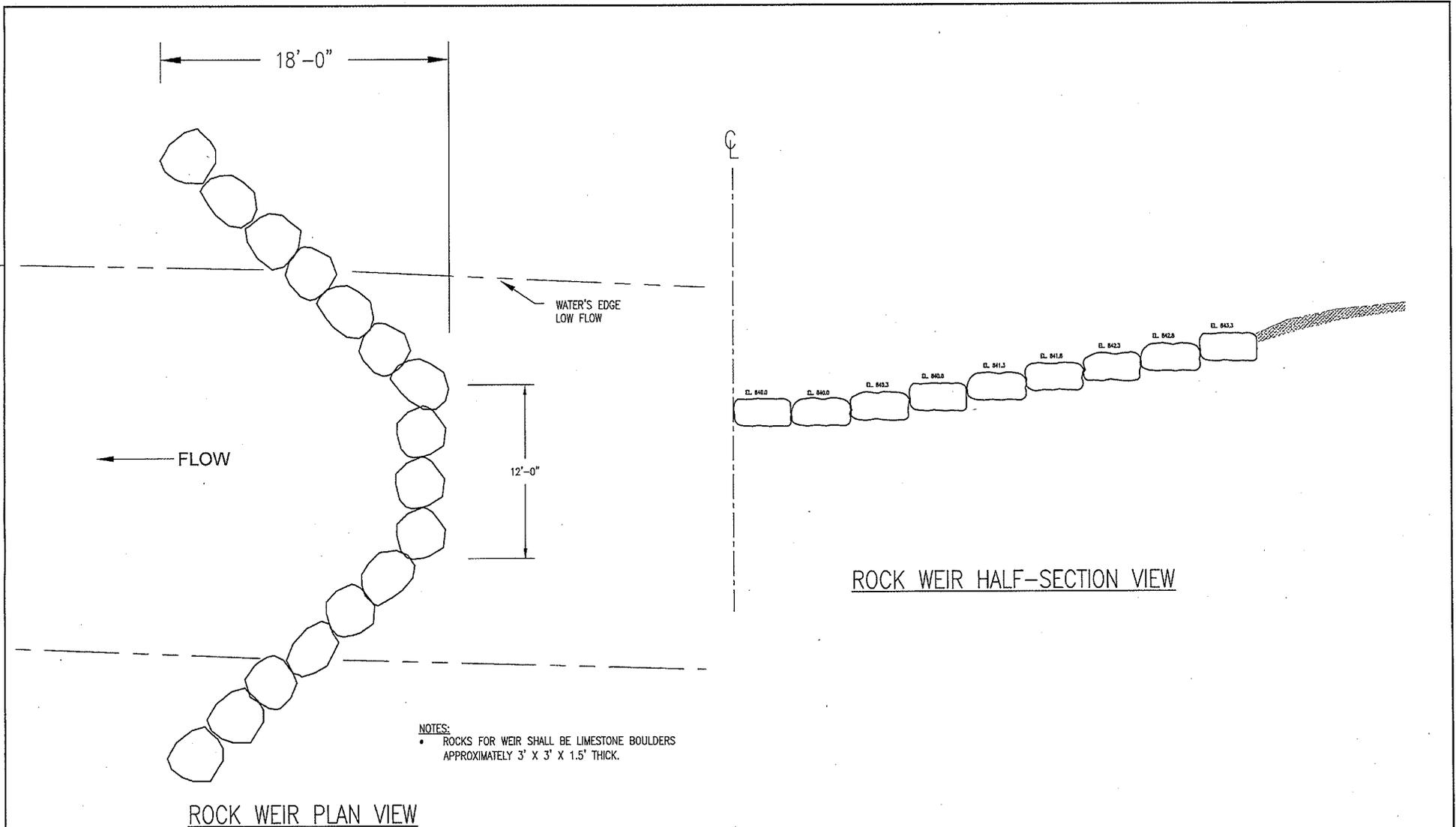
DNR Division of Parks and Trails
 Low Water Crossing
 Beaver Creek Valley State Park

Houston County Near Caledonia
 Section: 17 Township: 102 N Range: 6 W

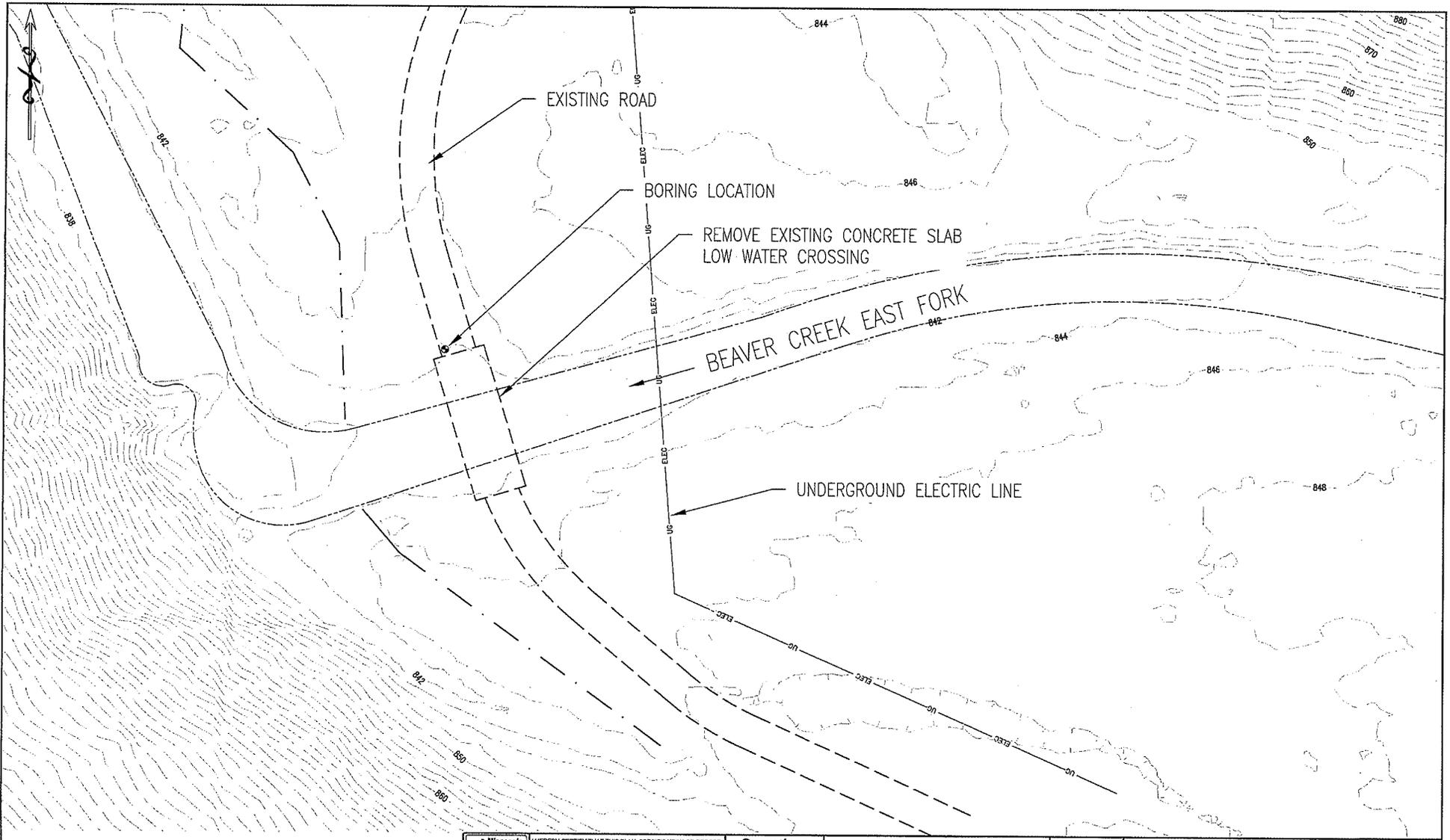
Revisions	
Date	By

Title & Index			
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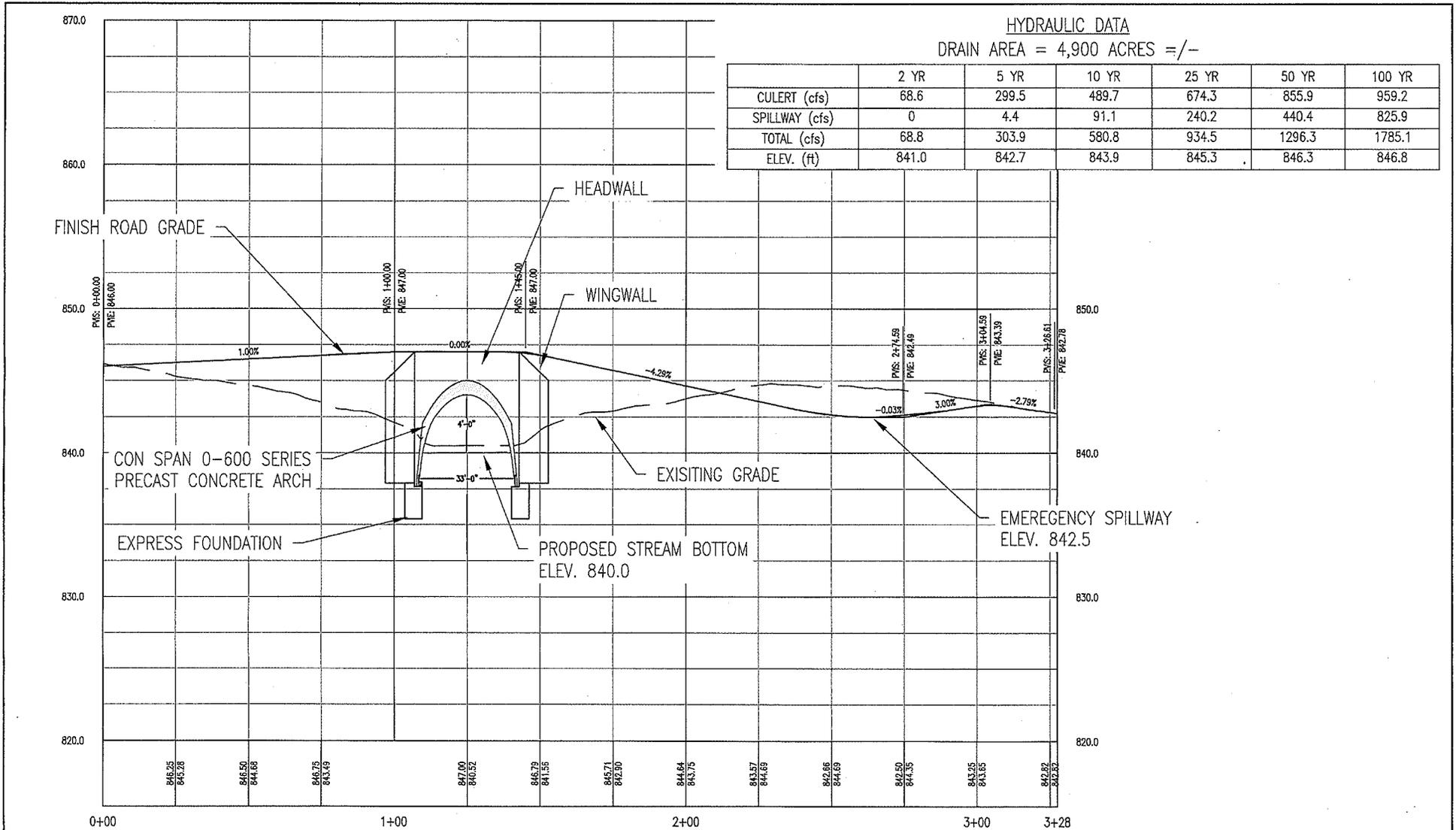
Sheet	1
Proj Number:	8P275
File Number:	SPK0012.01.00.09



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			Name _____ Lic Number: 000000 Date: 3.27.2015	Survey: CR 12/14 Designed: TR 1/15 Drawn: CR 12/14 Drawn: TR 1/15 Checked: TR 1/15 Checked: YS 1/15 Horiz datum: NAD 83 (95 ADJ) Vert datum: NAVD 88						



HYDRAULIC DATA
DRAIN AREA = 4,900 ACRES =/-

	2 YR	5 YR	10 YR	25 YR	50 YR	100 YR
CULERT (cfs)	68.6	299.5	489.7	674.3	855.9	959.2
SPILLWAY (cfs)	0	4.4	91.1	240.2	440.4	825.9
TOTAL (cfs)	68.8	303.9	580.8	934.5	1296.3	1785.1
ELEV. (ft)	841.0	842.7	843.9	845.3	846.3	846.8

SCALE IN FEET

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Name: _____

Lic. Number: X000X Date: 3.27.2015

Operations Services Division

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Equipment

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DNR Division of Parks and Trails

Low Water Crossing

Beaver Creek Valley, State Park

Houston County Near Caledonia

Section: 17 Township: 102 N Range: 6 W

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