

Public Notice

U.S. Army Corps
of Engineers
Buffalo District
CELRB-TD-R

Applicant: ECKART
America Corporation

Published: May 20, 2016
Expires: June 20, 2016

Application No: 2015-01373
Section: OH

All written comments should reference the above Application No. and be addressed to:
US Army Corps of Engineers, Buffalo District
Regulatory Branch (Attn:) Peter Krakowiak
1776 Niagara Street
Buffalo, NY 14207

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

Application for Permit under Authority of
Section 10 of the Rivers and Harbors Act of 1899 and
Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: ECKART America Corporation

WATERWAY & LOCATION: Grand River at 830 East Erie Street, City of Painesville, Lake County, Ohio

LATITUDE & LONGITUDE: Latitude North: 41.73575
Longitude West: -81.22994

EXISTING CONDITIONS: The project site is located adjacent to the ECKART America property that includes a parking garage/office building. The Grand River is located directly south and east of the facility. The project is located on an inside bend of the river within the 100-year floodplain.

Description of delineation of waters of the US, if applicable: The Grand River is a Section 10 waterway at this location; See Approved JD dated December 19, 2007

PROPOSED WORK: The proposed project includes the installation of nine bendway weirs, a rock ramp, and stone toe protection in 498 linear feet of the Grand River.

PROJECT PURPOSE

Applicant's stated purpose and need: To stabilize and to provide restoration of the historic location of the streambank adjacent to the ECKART site so as to protect the integrity of the adjacent structure.

Basic purpose and need: Bank stabilization

Overall purpose and need: To stabilize and restore the streambank adjacent to the ECKART America Corporation property

Water Dependency Determination (*describe only if project affecting Special Aquatic Site*): The proposed project is located within a riffle-pool complex and is not a water dependent activity. Therefore, it is presumed that practicable upland alternatives exist that are less environmentally damaging. It is the applicant's responsibility to demonstrate that there are no alternate sites that are less environmentally damaging that would allow the applicant to accomplish their project purpose.

AVOIDANCE AND MINIMIZATION INFORMATION: The applicant has stated that the project has been designed to avoid and minimize adverse effects to the maximum extent practicable. Work will be performed during low flow periods, the activity will not restrict or impede the passage of normal or high flows, and it will not disrupt the movement of aquatic life. No trees (greater than 3-inch DBH) will be cleared and shrubs will be cleared outside of the clearing restriction periods associated within the Kirtland's warbler. Best management practices will be implemented for sedimentation and water quality concerns.

PROPOSED COMPENSATORY MITIGATION: No compensatory mitigation is proposed at this time.

Location and details of the above described work are shown on the attached maps and drawings.

Comments or questions pertaining to the work described in this notice should be reference the Application Number and be directed to the attention of Peter Krakowiak, who can be contacted at the above address, by calling (716) 879-4363, or by e-mail at: Peter.j.krakowiak@usace.army.mil A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

The following authorization is required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency

Based on preliminary findings and information provided by the applicant, there do not appear to be any properties listed in, or eligible for listing in, the National Register of Historic Places within the permit area as shown on Sheet 2 of 7. Therefore, the Corps has determined that the proposed project will have no effect on historic properties. This notice constitutes initiation of

consultation with the Ohio Historic Preservation Office (SHPO) per Section 106 of the National Historic Preservation Act. All currently available historic resource information pertaining to this proposed project if any has been provided to the SHPO. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the SHPO for their review.

Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Corps of Engineers is consulting, under separate cover, with the USFWS to evaluate any potential impacts to: Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), piping plover (*Charadrius melodus*), rufa red knot (*Calidris canutus rufa*), snuffbox (*Epioblasma triquetra*) and Kirtland's warbler (*Setophaga kirtlandii*) and to ensure that the proposed activity is not likely to jeopardize their continued existence or result in the destruction or adverse modification of critical habitat.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are

conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

SIGNED

Diane C. Kozlowski
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.

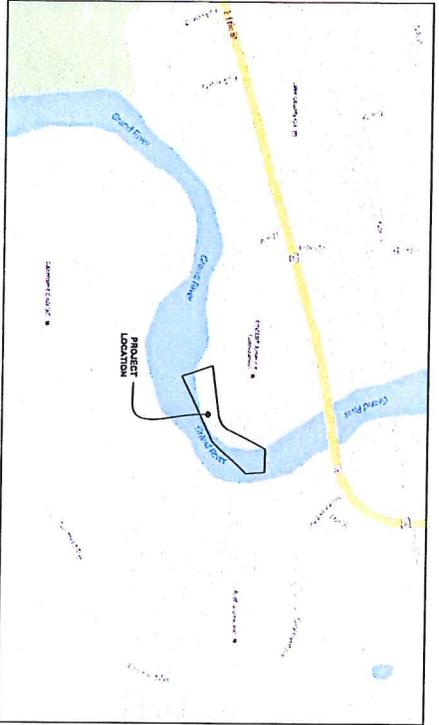
INDEX OF SHEETS	
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CITY OF PAINESVILLE

ECKART AMERICA CORPORATION

STREAM BANK STABILIZATION

CITY OF PAINESVILLE
LAKE COUNTY, STATE OF OHIO



LOCATION PLAN
SCALE: N.T.S.

CONTRACT INFORMATION
 PROJECT NO. 15100-092-2794
 PROJECT LOCATION: A PORTION OF THE GRAND RIVER IN THE CITY OF PAINESVILLE, LAKE COUNTY, OHIO

ECKART America Corporation
 D/A Processing No. 2015-01373
 Lake County, Ohio
 Quad: Painesville
 Sheet 1 of 7



THOMAS G. SMITH, P.E., No. C-44003

DATE



C-1

TGC Engineering, LLC
 1310 SHARON COPLEY ROAD
 BOX 803
 SHARON CENTER, OH 44274
 (614) 321-1221 FAX (614) 321-1222
 www.tgc-engineering.com



ECKART AMERICA CORPORATION
STREAM BANK STABILIZATION

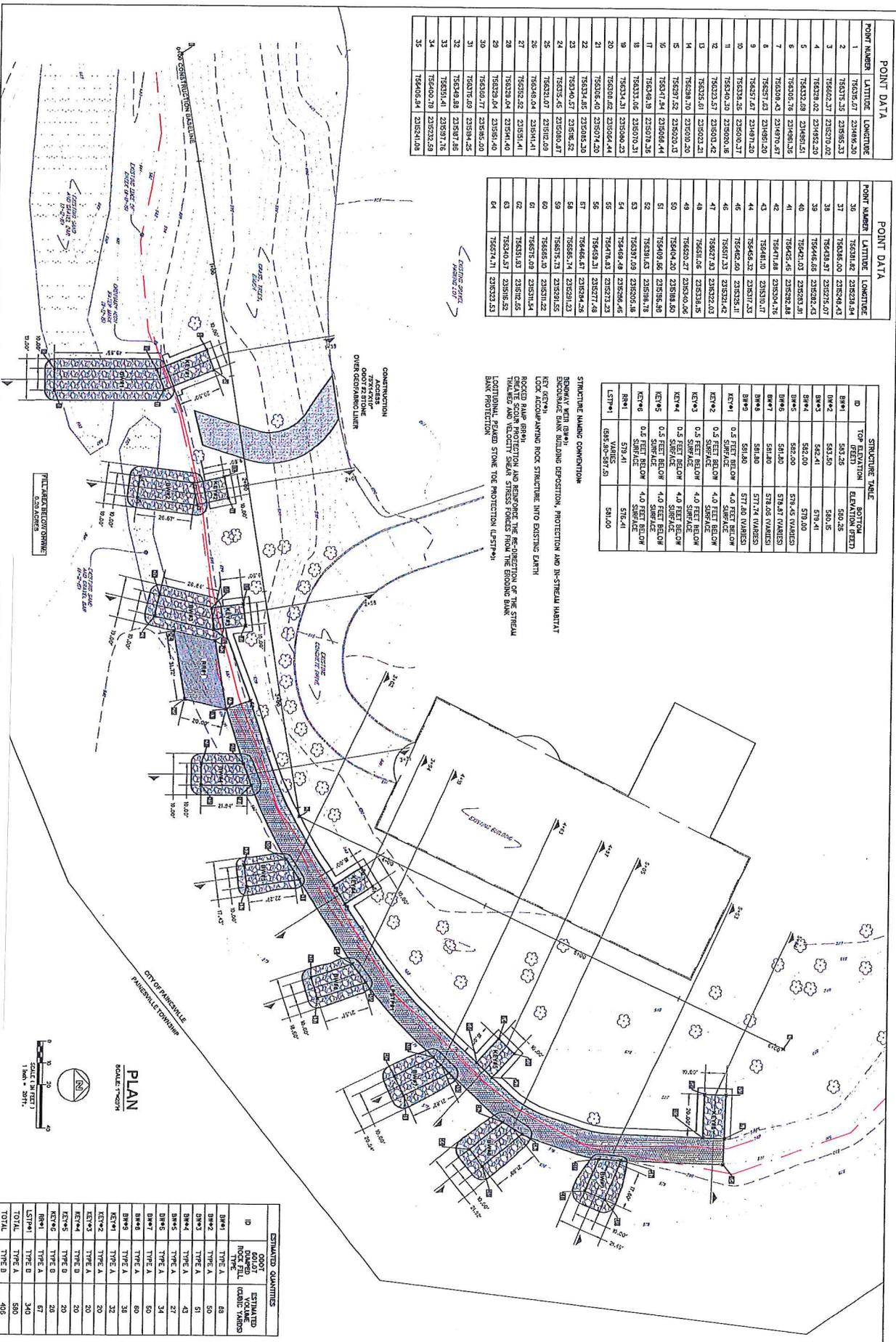
TITLE SHEET

POINT NUMBER	LATITUDE	LONGITUDE
1	75235.57	23186.20
2	75235.35	23186.33
3	75235.27	23187.02
4	75235.02	23188.20
5	75233.28	23189.51
6	75230.76	23191.32
7	75229.43	23191.20
8	75231.87	23191.20
9	75233.26	23192.37
10	75234.30	23192.16
11	75232.51	23192.42
12	75232.51	23192.42
13	75232.51	23192.42
14	75232.51	23192.42
15	75232.51	23192.42
16	75232.51	23192.42
17	75232.51	23192.42
18	75232.51	23192.42
19	75232.51	23192.42
20	75232.51	23192.42
21	75232.51	23192.42
22	75232.51	23192.42
23	75232.51	23192.42
24	75232.51	23192.42
25	75232.51	23192.42
26	75232.51	23192.42
27	75232.51	23192.42
28	75232.51	23192.42
29	75232.51	23192.42
30	75232.51	23192.42
31	75232.51	23192.42
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34	75232.51	23192.42
35	75232.51	23192.42

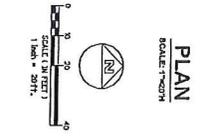
POINT NUMBER	LATITUDE	LONGITUDE
36	75232.51	23192.42
37	75232.51	23192.42
38	75232.51	23192.42
39	75232.51	23192.42
40	75232.51	23192.42
41	75232.51	23192.42
42	75232.51	23192.42
43	75232.51	23192.42
44	75232.51	23192.42
45	75232.51	23192.42
46	75232.51	23192.42
47	75232.51	23192.42
48	75232.51	23192.42
49	75232.51	23192.42
50	75232.51	23192.42
51	75232.51	23192.42
52	75232.51	23192.42
53	75232.51	23192.42
54	75232.51	23192.42
55	75232.51	23192.42
56	75232.51	23192.42
57	75232.51	23192.42
58	75232.51	23192.42
59	75232.51	23192.42
60	75232.51	23192.42
61	75232.51	23192.42
62	75232.51	23192.42
63	75232.51	23192.42
64	75232.51	23192.42

ID	TOP ELEVATION (FEET)	BOTTOM ELEVATION (FEET)
BW#1	543.26	540.25
BW#2	543.50	539.41
BW#3	542.41	539.41
BW#4	542.00	539.41
BW#5	542.00	539.41
BW#6	541.40	539.41
BW#7	541.40	539.41
BW#8	541.40	539.41
BW#9	541.40	539.41
BW#10	541.40	539.41
BW#11	541.40	539.41
BW#12	541.40	539.41
BW#13	541.40	539.41
BW#14	541.40	539.41
BW#15	541.40	539.41
BW#16	541.40	539.41
BW#17	541.40	539.41
BW#18	541.40	539.41
BW#19	541.40	539.41
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BW#32	541.40	539.41
BW#33	541.40	539.41
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BW#35	541.40	539.41
BW#36	541.40	539.41
BW#37	541.40	539.41
BW#38	541.40	539.41
BW#39	541.40	539.41
BW#40	541.40	539.41
BW#41	541.40	539.41
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BW#44	541.40	539.41
BW#45	541.40	539.41
BW#46	541.40	539.41
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BW#48	541.40	539.41
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BW#50	541.40	539.41
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BW#75	541.40	539.41
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BW#77	541.40	539.41
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BW#79	541.40	539.41
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BW#83	541.40	539.41
BW#84	541.40	539.41
BW#85	541.40	539.41
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BW#88	541.40	539.41
BW#89	541.40	539.41
BW#90	541.40	539.41
BW#91	541.40	539.41
BW#92	541.40	539.41
BW#93	541.40	539.41
BW#94	541.40	539.41
BW#95	541.40	539.41
BW#96	541.40	539.41
BW#97	541.40	539.41
BW#98	541.40	539.41
BW#99	541.40	539.41
BW#100	541.40	539.41

STRUCTURE NUMBER CONVENTION
 BROWAL WITH BROWAL DEPOSITION, PROTECTION AND IN-STRENUA HABITAT
 FOR PROTECTING BANK BUILDING DEPOSITION, PROTECTION AND IN-STRENUA HABITAT
 LOC. ACCOMPANYING ROCK STRUCTURE INTO EXISTING BATHY
 ROCKY PAIR RISK
 CHAINE SCOUR PROTECTION AND REINFORCE THE REDIRECTION OF THE STRU
 THALMER AND VELOCITY SKEAR STRESS FORCES FROM THE BROWAL BANK
 BANK PROTECTION
 LONGITUDINAL PEAKED TOE PROTECTION (LWSTP#)



ID	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES
BW#1	TYPE A	88
BW#2	TYPE A	50
BW#3	TYPE A	51
BW#4	TYPE A	43
BW#5	TYPE A	34
BW#6	TYPE A	80
BW#7	TYPE A	27
BW#8	TYPE A	38
BW#9	TYPE A	32
BW#10	TYPE A	20
BW#11	TYPE A	20
BW#12	TYPE D	20
BW#13	TYPE D	28
BW#14	TYPE B	67
BW#15	TYPE B	340
BW#16	TYPE B	580
BW#17	TYPE B	408
BW#18	TYPE B	408
BW#19	TYPE B	408
BW#20	TYPE B	408
BW#21	TYPE B	408
BW#22	TYPE B	408
BW#23	TYPE B	408
BW#24	TYPE B	408
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BW#95	TYPE B	408
BW#96	TYPE B	408
BW#97	TYPE B	408
BW#98	TYPE B	408
BW#99	TYPE B	408
BW#100	TYPE B	408



ECKART AMERICA CORPORATION
 D/A Processing No. 2015-01373
 Lake County, Ohio
 Quad: Painesville
 Sheet 2 of 7

DAVEY
 RESOURCE GROUP
 A Division of The Davey Group

ECKART AMERICA CORPORATION
 STREAM BANK STABILIZATION

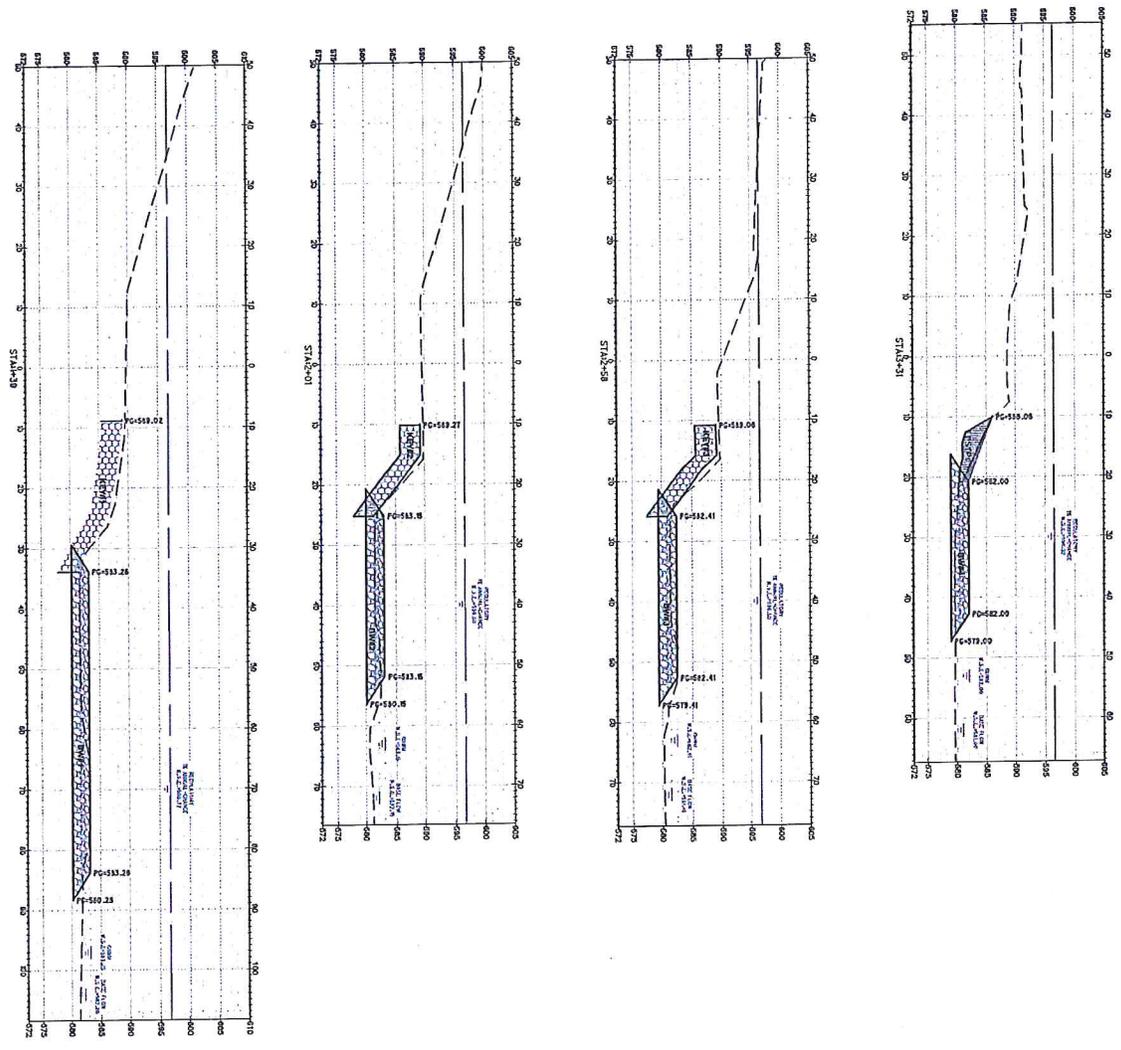
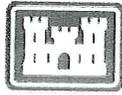
SITE PLAN



TGC Engineering, LLC
 1310 SHAWAN COLLEY ROAD
 PO BOX 27
 SHARON CENTER, OH 44774
 (419) 285-1111 FAX (419) 285-1112
 PROJECT NO. 1581
 DATE 2015-01-18



C-2



SECTION
 SCALE:
 1"=10', 1"=10'

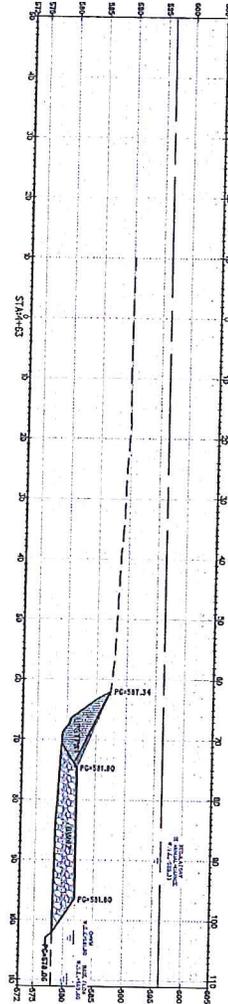
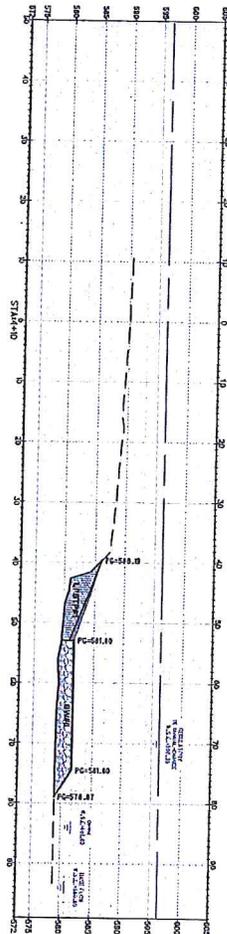
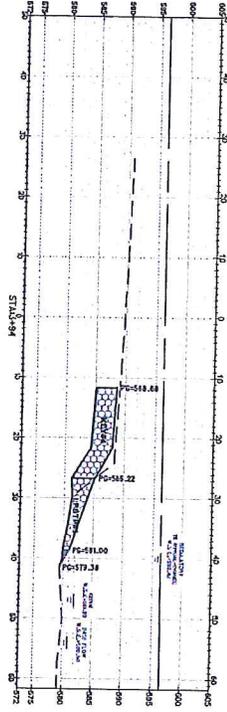
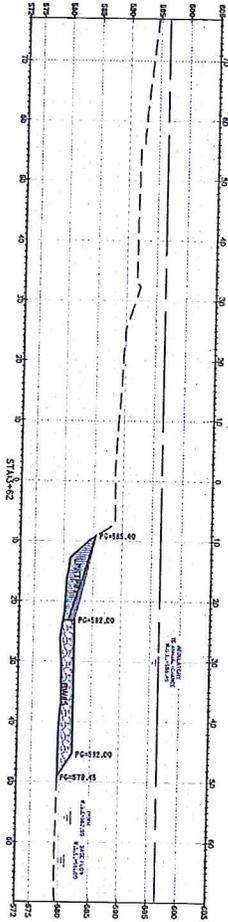
SECTIONS

TGC Engineering, LLC
 1310 SHATCH COLEY ROAD
 PO BOX 27
 SARDIS CENTER, OH 44274
 (PH) 614.231.8204 (FAX) 614.231.8202

DAVEY
 RESOURCE GROUP
 A Division of The Davey Group

ECKART AMERICA CORPORATION
STREAM BANK STABILIZATION

C-3



1. ELEVATIONS ARE SHOWN IN FEET.
 2. ELEVATIONS ARE SHOWN AT THE END OF EACH SECTION AT THE
 RIGHT END OF THE SECTION UNLESS OTHERWISE NOTED.
 3. ELEVATIONS ARE SHOWN AT THE END OF EACH SECTION UNLESS OTHERWISE NOTED.
 4. ELEVATIONS ARE SHOWN AT THE END OF EACH SECTION UNLESS OTHERWISE NOTED.
 5. ELEVATIONS ARE SHOWN AT THE END OF EACH SECTION UNLESS OTHERWISE NOTED.

SECTIONS
 SCALE
 1"=100'

SECTIONS

C4

TGC Engineering, LLC
 1310 SHAWAN COLLEY ROAD
 PO BOX 37
 SHAWAN CENTER, OH 44274
 (PH) 419-233-5500 (FAX) 419-233-5500

DAVEY
 RESOURCE GROUP
 A Division of The Davey Group

ECKART AMERICA CORPORATION
 STREAM BANK STABILIZATION



EXISTING BANK ELEVATIONS ARE REPORTED EXISTING AT THE END OF EACH SECTION AT THE
 END OF EACH SECTION.
 1. THE PROPOSED BANK ELEVATIONS ARE REPORTED AT THE END OF EACH SECTION AT THE
 END OF EACH SECTION.
 2. THE PROPOSED BANK ELEVATIONS ARE REPORTED AT THE END OF EACH SECTION AT THE
 END OF EACH SECTION.
 3. THE PROPOSED BANK ELEVATIONS ARE REPORTED AT THE END OF EACH SECTION AT THE
 END OF EACH SECTION.

SECTIONS
 SCALE:
 1"=100', 1"=100'

C-5

TGC Engineering, LLC
 1310 SHARON COPLEY ROAD
 PO BOX 37
 SHARON CENTER, OH 44274
 (PHONE) 330.590.8004 (FAX) 628.602.8423

DAVEY
 RESOURCE GROUP
 A Division of The Dump and Reclaim Company

ECKART AMERICA CORPORATION
 STREAM BANK STABILIZATION

SECTIONS

SWPPP LEGEND

CONSTRUCTION ENTRANCE (1/2" x 7/8" x 1/8")

VEHICLE ENTRANCE AREA

TEMPORARY SEDIMENT/STABILIZATION

TEMPORARILY RELATED DRAINAGE CONTROL, RESISTANT

PERMANENT VEGETATION (PLANT SELECTION FOR SWPPP INSURANCE)

WATERWAY, STORMWATER/SEWER AREA

ID	ESTIMATED QUANTITIES	QUANTITY
TR-1	LINEAL FEET	80 (257.3)
TR-2	LINEAL FEET	75
TR-3	LINEAL FEET	96
TR-4	LINEAL FEET	500 (257.3)
TR-5	LINEAL FEET	30
TR-6	LINEAL FEET	20
PV-1	SQUARE YARDS	20
PV-2	SQUARE YARDS	20
PV-3	SQUARE YARDS	20
MS-1	SQUARE FEET	133
VR-1	SQUARE FEET	105
CE-1	SQUARE FEET	179

PERMANENT SEDIMENT STABILIZATION (1/2" x 7/8" x 1/8")

PERMANENT VEGETATION (PLANT SELECTION FOR SWPPP INSURANCE)

WATERWAY, STORMWATER/SEWER AREA

CONSTRUCTION ENTRANCE (1/2" x 7/8" x 1/8")

VEHICLE ENTRANCE AREA

TEMPORARILY RELATED DRAINAGE CONTROL, RESISTANT

TEMPORARY SEDIMENT/STABILIZATION

CONSTRUCTION ACCESS (1/2" x 7/8" x 1/8")

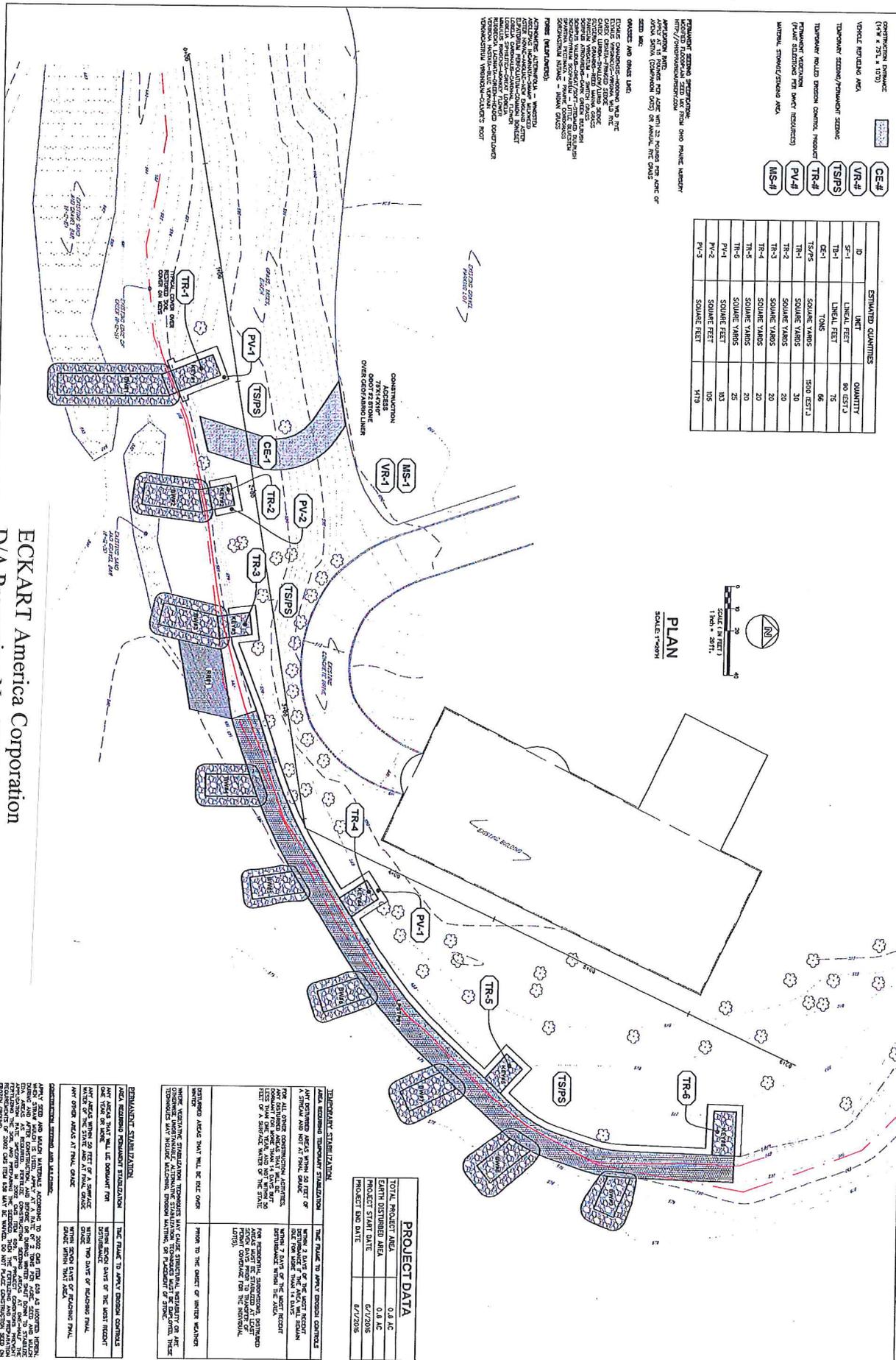
VEHICLE ENTRANCE AREA

TEMPORARILY RELATED DRAINAGE CONTROL, RESISTANT

TEMPORARY SEDIMENT/STABILIZATION

PERMANENT VEGETATION (PLANT SELECTION FOR SWPPP INSURANCE)

WATERWAY, STORMWATER/SEWER AREA



ECKART America Corporation
 D/A Processing No. 2015-01373
 Lake County, Ohio
 Quad: Painesville
 Sheet 6 of 7

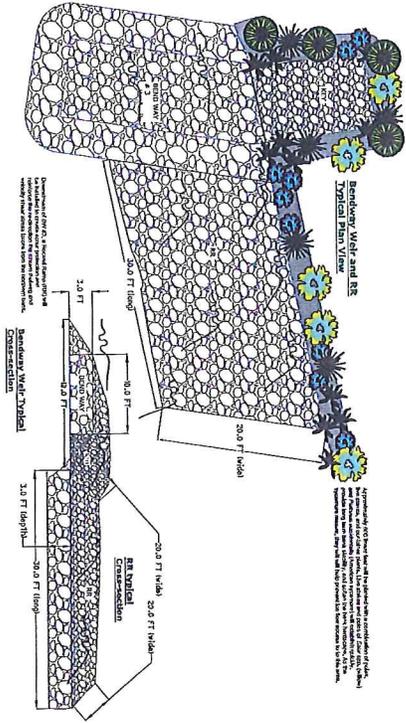
PROJECT DATA	
TOTAL PROJECT AREA	0.3 AC
EARTH DISTURBED AREA	0.3 AC
PROJECT START DATE	6/7/2016
PROJECT END DATE	6/7/2016

TEMPORARY STABILIZATION	PERMANENT STABILIZATION
TEMPORARY STABILIZATION SHALL BE INSTALLED TO PREVENT EROSION AND SEDIMENTATION FROM OCCURRING DURING CONSTRUCTION. IT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED IMMEDIATELY UPON COMPLETION OF PERMANENT STABILIZATION.	PERMANENT STABILIZATION SHALL BE INSTALLED TO PREVENT EROSION AND SEDIMENTATION FROM OCCURRING DURING CONSTRUCTION. IT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED IMMEDIATELY UPON COMPLETION OF PERMANENT STABILIZATION.

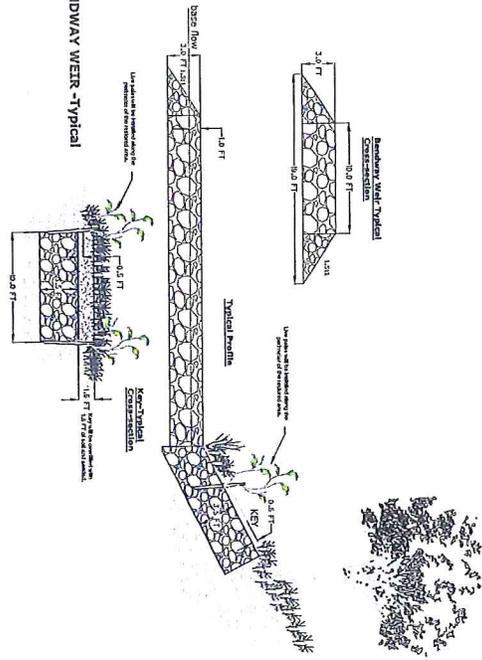
EROSION AND SEDIMENTATION CONTROL	VEGETATION
EROSION AND SEDIMENTATION CONTROL SHALL BE INSTALLED TO PREVENT EROSION AND SEDIMENTATION FROM OCCURRING DURING CONSTRUCTION. IT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED IMMEDIATELY UPON COMPLETION OF PERMANENT STABILIZATION.	VEGETATION SHALL BE INSTALLED TO PREVENT EROSION AND SEDIMENTATION FROM OCCURRING DURING CONSTRUCTION. IT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED IMMEDIATELY UPON COMPLETION OF PERMANENT STABILIZATION.



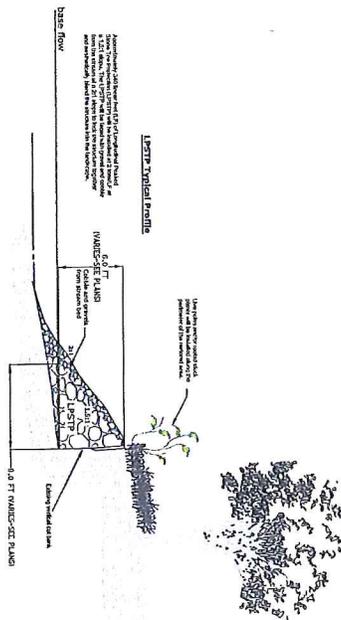
Rocked Ramp (RR) - Typical



Bendway Weir - Typical



Longitudinal Peaked Stone Toe Protection (LPSTP) - Typical



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ECKART AMERICA CORPORATION
 STREAM BANK STABILIZATION

DETAILS AND SPECIFICATION