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U.S. ARMY CORPS OF ENGINEERS
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT
33 CFR 325. The proponent agency is CECW-CO-R.

OMB APPROVAL NO. 0710-0003
EXPIRES: 28 FEBRUARY 2013

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Robert Middle - P. Last - Sidley Company - Board of Township Park Commissioners of Painesville Township E-mail Address -	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - John Middle - S. Last - Matricardi Company - KS Associates, Inc. E-mail Address - MatricardiJ@KSAssociates.com
6. APPLICANT'S ADDRESS: Address- 8 North State Street, Suite 201 City - Painesville State - Ohio Zip - 44077 Country - USA	9. AGENT'S ADDRESS: Address- 260 Burns Road, Suite 100 City - Elyria State - Ohio Zip - 44035 Country - USA
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax 440-357-5558	10. AGENTS PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax 440-365-4730 x 331 440-365-4790

STATEMENT OF AUTHORIZATION

11. I hereby authorize, John Matricardi, P.E. to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.


SIGNATURE OF APPLICANT
Robert P. Sidley, Chairman, Board of Township Park Commissioners of Painesville Township
1/5/2015
DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions) New Fishing Pier at Painesville Township Park, 1025 Hardy Road, Painesville, Ohio	
13. NAME OF WATERBODY, IF KNOWN (if applicable) Lake Erie	14. PROJECT STREET ADDRESS (if applicable) Address 1025 Hardy Road City - Painesville State-Ohio Zip- 44077
15. LOCATION OF PROJECT Latitude: °N 41d 46' 00" Longitude: °W 81d 14' 00"	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID 11-B-040-0-00-010-0 Municipality Painesville Township Section - Township - Range -	

17. DIRECTIONS TO THE SITE

From westbound I-90 take exit 205 and turn right onto Vrooman Road/CR-227. Continue as road name changes to Madison Avenue/CR-306. Turn right onto Bowhall Road/CR-303. Turn left onto US-20/North Ridge Road. Bear right onto OH-535/Fairport Nursery Road. Turn right onto Hardy Road. Arrive at Painesville Township Park at 1025 Hardy Road on left.

18. Nature of Activity (Description of project, include all features)

Construction of a 150-foot long by 20-foot wide steel crib fishing pier and repair of an existing groin along the shore of Painesville Township Park. The crib pier will be constructed with seven (7) 20-foot long by 20-foot wide steel cribs with one (1) 10-foot long by 20-foot wide curved crib at the lakeward end. The cribs will be anchored with W6x25 steel piles driven to bedrock at an approximate elevation ranging from 560.5 to 566.0 feet IGLD 1985. The piles will be driven through 8-inch by 8-inch by 5/16-inch thick steel tubes. Additional 6-inch by 6-inch by 5/16-inch steel tubes will be used as lateral and vertical frames. C8x13.25 spaced at 16 inches on center will be used as cribbing. The crib will be filled with ODOT "B" stone. The crib will be capped at an elevation of 582.0 feet IGLD 1985 with a 12-inch thick concrete slab reinforced with #5 bars at 12 inches on center in both directions. The pier will be connected to shore with a new 50-foot long by 10-foot wide steel bridge with reinforced concrete decking. The existing concrete groin at the east end of the armor stone revetment will also be shortened from 150 feet long to 112 feet long and repaired with new 4 to 6-ton limestone armor units placed at a 1.5 horizontal to 1 vertical slope from a minimum toe elevation of 564.0 feet IGLD 1985 to a crest elevation of 577.0 feet IGLD 1985. The groin will be capped with a new 5-foot wide concrete slab reinforced with #5 bars at 12 inches on center in both directions. New steel stairs will be constructed to access the cap and new concrete stairs will be constructed to access the beach to the east of the project. The project will also include the construction of approximately 2,000 square feet of new fish habitat area using the 12-inch diameter stone and 2-foot high by 4-foot wide by 6-foot long concrete blocks to be removed in the repair and shortening of the existing groin.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

To construct an ADA compliant pier for fishing and recreation and rehabilitate an existing failing groin along the shore of Painesville Township Park.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

To install the ODOT B stone as crib fill for the new fishing pier, armor stone to rehabilitate the existing groin and fish habitat stone.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards
ODOT B Stone: 1866 cy (1022 below OHW)	Armor Stone: 802 cy (555 below OHW)	Concrete: 214 cy (0 below OHW)
Concrete Rubble: 13 cy (0 below OHW)	Fish habitat stone: 140 cy of concrete blocks & 60 cy of 12" dia. stone (200 cy total below OHW)	

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 0.086 Acres

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The steel crib pier was designed to be the minimal structure required to provide ADA compliant recreational access to the lake and fishing opportunities at a variety of nearshore water depths. The footprint of the structure was minimized with the design of a vertical-faced structure, rather than a structure with sloping sides. The steel cribbing used to construct the pier will minimize wave reflection in the nearshore and create beneficial fish habitat in the voids of the ODOT "B" stone crib fill. Approximately 200 cubic yards of fish habitat stone will be placed in the area of the pier to create about 2,000 square feet of additional new fish habitat. The width of the pier was selected to provide a structure wide enough to be stable considering the sliding forces and overturning moments estimated at the site with a reasonable factor of safety for recreational infrastructure.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- 76 South Main Street

City - Akron State - Ohio Zip - 44038

b. Address- 550 Blackbrook Road

City - Painesville State - Ohio Zip - 44077

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

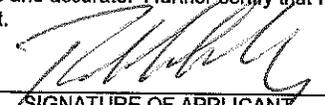
City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
ODNR	Shore Structure Permit		10/24/14		
ODNR	Submerged Lands Lease		10/24/14		

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

X  1/5/2015  11/7/14

Robert P. Sidley, Chairman, Board of Township Park Commissioners of Painesville Township

John Matricardi, P.E.

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



COASTAL PERMITS AND LEASE APPLICATION

Please consult the instructions prior to completing this form. Please type or print clearly using blue or black ink.

GENERAL INFORMATION

1. Property owner name: Board of Township Park Commissioners of Painesville Township	
2. Mailing address: 8 North State Street, Suite 201 Painesville, Ohio 44077	3. Home telephone number: 4. Alternate telephone number: 440-357-5558 5. Email address: johnh@mailbag.net
6. Authorized agent/representative name: KS Associates, Inc., ATTN: John S. Matricardi, P.E.	
7. Mailing address: 260 Burns Road, Suite 100 Elyria, Ohio 44035	8. Telephone number: 440-365-4730 Ext. 331 9. Fax Number: 440-365-4790 10. Email address matricardij@ksassociates.com

11. Street address: 1025 Hardy Road, Painesville, Ohio 44077	
12. Permanent parcel number(s): 11-B-040-0-00-010-0	
13. City or township: Painesville Township	14. County: Lake
15. Site location description (if necessary): See location map.	16. Submittals (check if enclosed): <input checked="" type="checkbox"/> Location map

17. Name of adjoining shoreline property owner(s)	Street address/city/state/ zip code (include permanent mailing and local)
Cleveland Electric Illuminating Co.	76 South Main Street, Akron, Ohio 44038
Lake County	550 Blackbrook Road, Painesville, Ohio 44077

18. Brief description of the proposed structure or project (attach additional sheets if necessary): See attached.	
19. Anticipated start date: 10/2015	20. Anticipated finish date: 12/2015

21. To apply for an authorization, check the box below and complete the application on the reverse page:		
<input checked="" type="checkbox"/> Shore Structure Permit	<input type="checkbox"/> Submerged Lands Lease	<input type="checkbox"/> Coastal Erosion Area Permit
<input type="checkbox"/> Shore Structure Permit Modification	<input checked="" type="checkbox"/> Submerged Lands Lease Modification	<input checked="" type="checkbox"/> Consistency Statement

AGENCY USE ONLY					
Application Reference #:	Date Received:				
Lease Reference #:	This copy to:	<input type="checkbox"/> SSP	<input type="checkbox"/> SLL	<input type="checkbox"/> CEA	<input type="checkbox"/> Other

SHORE STRUCTURE PERMIT APPLICATION

§1506.40 ORC

1. Professional Engineer: John S. Matricardi, P.E.		2. Ohio registration number: 044003
3. Mailing address: KS Associates, Inc. 260 Burns Road, Suite 100 Elyria, Ohio 44035	4. Phone number: 440-365-4730 Ext. 331	7. Submittals (check if enclosed) <input checked="" type="checkbox"/> Construction drawings (by professional engineer) <input checked="" type="checkbox"/> Design information
	5. Fax number: 440-365-4790	
	6. Email address: matricardij@ksassociates.com	

SUBMERGED LANDS LEASE APPLICATION

§1506.11 ORC

1. Total Area of Submerged Lands to be Occupied:		
2. Upland deed recording information [Deed book] 0050		[Deed page] 0090
3. Local Authority Issuing Resolution: Lake County Board of Commissioners		Date issued: To be submitted
4. Was any Portion of the Structure Erected in Lake Erie Prior to October 13, 1955?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Brief Explanation of the Purpose of the Structure or Project (<i>attach additional sheets if necessary</i>): The purpose of the proposed project is to construct an ADA compliant pier for fishing and recreation and to rehabilitate an existing failing groin along the shore of Painesville Township Park.		6. Submittals (check if enclosed): <input checked="" type="checkbox"/> Construction drawings <input checked="" type="checkbox"/> Copy of title deed <input checked="" type="checkbox"/> Metes & bounds description and plat <input type="checkbox"/> Local resolution or ordinance To be submitted when issued <input checked="" type="checkbox"/> Legal documentation of signature authority

COASTAL EROSION AREA PERMIT APPLICATION

§1506.07 ORC

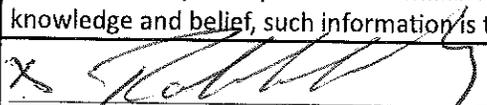
1. Authorization Type:	<input type="checkbox"/> Existing	<input type="checkbox"/> New Measure	Date Built (if existing):
2. Upland deed recording information [Deed book]		[Deed page]	
3. Construction start date for the building or addition:			
4. Brief description of the building or addition (<i>attach additional sheets if necessary</i>):			5. Submittals (check if enclosed): <input type="checkbox"/> Construction drawings <input type="checkbox"/> Permanent structure drawings <input type="checkbox"/> Copy of title deed <input type="checkbox"/> Construction schedule <input type="checkbox"/> Design information

SIGNATURE AND CONSISTENCY STATEMENT

§1506.03 ORC

I certify that the proposed activity identified in this application shall comply with Ohio's approved Coastal Management Program and will be conducted in a manner consistent with such program (15 CFR 930.57 and ORC 1506.03).

I do additionally certify that I am familiar with the information contained in this application and, to the best of my knowledge and belief, such information is true, complete and accurate.

	1/5/2015
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Signature of Property Owner or Authorized Agent

Date

Robert P. Sidley, Chairman, Board of Township Park Commissioners of Painesville Township

Application page 2 of 2

MAIL TO: Ohio DNR Office of Coastal Management, 105 West Shoreline Drive, Sandusky OH 44870