

**NOTICE OF APPLICATION FOR FEDERAL CONSISTENCY REVIEW
LAKE MICHIGAN COASTAL ZONE PROGRAM**

Project Number: ER-18305

Name of Applicant: Col. Christopher T. Drew

Address of Applicant:

Chicago District, US Army Corps of Engineers
231 South LaSalle Street, Suite 1500
Chicago, IL 60604

Project Description:

Periodic placement of sand for beach nourishment and erosion control on the shore of Lake Michigan in the area east of Mount Baldy at the Indiana Dunes National Lakeshore, LaPorte Co.

Location of Project: LaPorte Co., Indiana

Send comments to the following no later than June 5, 2015:

Federal Consistency Review Coordinator, Environmental Unit
Division of Fish and Wildlife
Department of Natural Resources
402 West Washington Street, Room W273
Indianapolis, IN 46204
Electronic mail: environmentalreview@dnr.in.gov

Copies of the request, accompanying information and data are available for inspection at the following location:

Environmental Unit
Division of Fish and Wildlife
Department of Natural Resources
402 West Washington Street, Room W273
Indianapolis, IN 46204



DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, U.S. ARMY CORPS OF ENGINEERS
231 SOUTH LASALLE STREET, SUITE 1500
CHICAGO IL 60604

14 MAY 2015

FC

Design Branch
Hydraulic and Environmental Engineering Section

Environmental Unit
Indiana Department of Natural Resources
Division of Fish and Wildlife
402 West Washington Street, Room W273
Indianapolis, Indiana 46204

Dear Sir or Madam:

The U.S. Army Corps of Engineers, Chicago District, respectfully requests a General Federal Consistency Determination for periodic placement of beach nourishment material on the shore of Lake Michigan at the Indiana Dunes National Lakeshore. The proposed activity complies with the Indiana Coastal Zone Management Program and will be conducted in a manner consistent with such policies. Since this is an on-going project, the Chicago District requests a General Federal Consistency Determination for the life of the project.

This beach nourishment activity has occurred repeatedly over the years. The nourishment material will be excavated from at least one sand quarry meeting USACE material requirements. The USACE contractor will transport the material to the nourishment site by truck on a constructed access road, or by barge wherein material will be off-loaded onto dry land prior to placement. The material will be placed at the Indiana Dunes National Lakeshore in the area East of Mount Baldy (see attached figure). The quantity and timing of beach nourishment is funding and schedule dependent. Therefore, the boundaries shown on the figure show the extent possible over the life of the project. The National Park Service granted the USACE permission to perform this activity through Special Use Permit MWR-INDU-5300-719. A copy is attached. This permit will be renewed as needed to complete the work.

Please contact Margaret Dove at 312-846-5502 or by email at Margaret.A.Dove@usace.army.mil if you have any questions concerning this letter or if you require additional information.

Sincerely,

Christopher T. Drew
Colonel, U.S. Army
District Commander

Enclosures

RECEIVED MAY 18 2015

Form 10-114
Rev. Dec. 04

UNITED STATES DEPARTMENT OF THE INTERIOR
National Park Service
Indiana Dunes National Lakeshore
1100 North Mineral Springs Road
Porter, Indiana 46304

Special Use Permit

Name of Use Beach Nourishment

Date Permit Reviewed June 12, 2013

Reviewed 20__

Reviewed 20__

Expires June 30, 2016

Long Term
Short Term X

Permit # MWR INDU 5300 719
Region Park Type No.#

Indiana Dunes National Lakeshore
Beaches east of Mt. Baldy (Crescent Dune)

Victor Kotwicki, Project Manager

U.S. Army Corps of Engineers 111 North Canal Street, Chicago, Illinois 60606 312-846-5512

Name of Permittee

Address

Phone

is hereby authorized during the period from (Time 12:01am day 01 Month 07, 2013), through
(Time 11:59pm day 30 Month 6, 2016), to use the following described land or facilities in the above
named area: Indiana Dunes National Lakeshore

For the purpose(s) of: Placement of sand for beach nourishment and erosion control. Also, note additional
conditions 8 through 21.

Authorizing legislation or other authority (RE - DO-53):

NEPA Compliance: CATEGORICALLY EXCLUDED EA/FONSI X EIS OTHER APPROVED PLANS

PERFORMANCE BOND: Required Not Required X Amount \$

LIABILITY INSURANCE: Required Not Required X Amount \$

ISSUANCE of this permit is subject to the conditions on the reverse hereof and appended pages and when
appropriate to the payment to the U.S. Department of the Interior, National Park Service of the sum of \$ waived.

The undersigned hereby accepts this permit subject to the terms, covenants, obligations, and reservations,
expressed or implied herein.

PERMITTEE

Victor Kotwicki
Signature: Victor Kotwicki, Real Estate Specialist, USACE Date 19 June 2013

Authorizing Official

Costa Dillon
Signature: Costa Dillon, Superintendent, NPS-INDU Date 6/26/2013

CONDITIONS OF THIS PERMIT

1. The permittee shall exercise this privilege subject to the supervision of the Superintendent, and shall comply with all applicable laws and regulations of the area.
2. Damages -- The permittee shall reimburse Indiana Dunes National Lakeshore (INDU) for any damage resulting from this use which would not reasonably be inherent in the use which the permittee is authorized to make of the land described in this permit.
3. Benefit -- Neither Members of, nor Delegates to Congress, or Resident commissioners shall be admitted to any share of this permit or derive, either directly or indirectly, any pecuniary benefits to arise therefrom: provided, however, that nothing herein contained shall be construed to extend to any incorporated company, if the permit be for the benefit of such corporation.
4. Assignment -- This permit may not be transferred or assigned without the consent of the Superintendent, in writing.
5. Revocation -- This permit may be terminated upon breach of any of the conditions herein or at the discretion of the Superintendent.
6. The permittee is prohibited from giving false information; to do so will be considered a breach of conditions and be grounds for revocation [Re: 36 CFR 2.32 (a)(4)].
7. The permittee will comply with applicable public health and sanitation standards and codes.
8. The permittee will be responsible for obtaining all local, state and federal permits necessary for the project. Copies of all environmental compliance will be provided to the Superintendent or his representative prior to the inception of this project.
9. At least 30 days prior to construction each year, the Permittee will provide Indiana Dunes National Lakeshore (INDU) with drawings/maps of parklands which will be impacted by the project. Included with these maps and drawings shall be a detailed work plan outlining the methods of transport and techniques to be used in completing the project. This yearly obligation will be part of an annual review of the project by the permittees, the Superintendent and their designated representative(s). As part of this review process, a meeting will be scheduled to discuss aspects of the prior year's performance and projected aspects of the next year. The permittees and their agents and/or contractors will limit work to the designated work areas and methods delineated on a written plan approved by the Superintendent.
10. Changes to the work plan (either in equipment, methods, techniques or area of placement) must be reviewed and approved by the Superintendent at least two weeks prior to their execution.
11. At least two weeks prior to construction, the permittee will provide INDU with a project schedule for the year and its work plan. This schedule shall include the names of all responsible representatives and site managers who will act as a liaison with INDU staff and its visitors.
12. Because the new work limits will never extend west of SR-16 (STA.315+75.10) construction activities may occur any time of the year, 24 hours a day including holidays and weekends; subject to any seasonal limitations stipulated by the Indiana Department of Natural Resources. The permittee shall designate a representative to respond to media inquiries and visitor complaints, which may arise as a result of the project. Subject to the approval of the Superintendent, the permittee will provide all security and safety

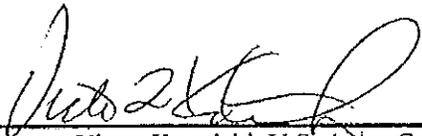
measures necessary to assure that visitors are not harmed or injured throughout the duration of the project. Measures may include, but are not limited to: signs, fencing, barricades and security personnel to keep visitors a safe distance from the work site while fill material is being deposited or machinery is operating. The permittee shall consult with NPS prior to posting signs.

13. The permittees and their agents and/or contractors will be responsible for the immediate cleanup of any oil, hydraulic fluids, or other industrial by-products spilled on Indiana Dunes National Lakeshore property as a result of their activities. Any spills, in excess of those resulting from the normal operation of heavy equipment, shall be reported to the Superintendent or designated representative.
14. Indiana Dunes National Lakeshore will accept beach sand material as specified in the Army Corps of Engineers contract with the following caveats: a) preferred sand material will be pure native beach sand hydraulically dredged from a nearby Lake Michigan source, b) if preferred beach sand is unavailable, then sand will closely mimic beach sand and the grain size should not exceed the upper limit of the existing substrate range of 9.5 mm in diameter as noted in the Indiana Shoreline Beach Nourishment Indiana Dunes National Lakeshore Porter and LaPorte Counties, Indiana Section 404(b)(1) Evaluation.
15. The age of the data that form the basis of the 2/2011 contaminant determination for the source material is rapidly aging. Indiana Dunes National Lakeshore requires an updated data set and new contaminant determination be conducted for the placement of dredged materials after October 1, 2013.
16. Equipment operating on the beach will not disturb or damage any vegetation unless permitted by the Superintendent or his designated representative. Care will be taken by the permittee to avoid any areas that have been flagged or closed by the park. The permittees and their agents and/or contractors will be responsible for the complete restoration of any resource damage resulting from activities related to the project. Exotic/Invasive Species infestations that result from placing contaminated sand onto the beach or from disturbances along the access road will be the responsibility of the permittee to eradicate.
17. The permittee will notify INDU in writing at least 72 hours in advance of the commencement of work at the site. No work will begin without INDU having received the contractor's name, phone number and the names of those individuals who will serve in a supervisory capacity at the job site.
18. All access to the beach for this project will be from the access road designated on the project plan drawings (i.e. across NIPSCO property.) Indiana Dunes National Lakeshore is not responsible for or in control of the NIPSCO access point. It is the responsibility of the permittee to coordinate access with NIPSCO's representatives.
19. Due to the location of the state-listed rare plants along the edge of the "access road" (road along the revetment wall) all vehicles installing, sand hauling, or just driving on the access road must stay within the designated area of the road. The designated area is marked with T-posts, put in by the permittee and their agents and/or contractors onsite under the direction of the National Park Service. Permittees must stay between the T-posts. The designated road will be approximately 20 feet wide, except at the revetment strut width, which will be 15 feet. T-posts will remain in place until the end of the contract after which the permittee will remove the T-posts and any disturbance will be restored to original contours. .
20. During periods of sand hauling by truck, the silt fence and an orange, high-density, polyethylene safety barricade will be maintained along the full length of the north and south side of the above mentioned access road. At the west-end of the revetment wall the 20-foot road limitation ends. At this point the "haul road" begins and the contractor will install an orange, high-density, polyethylene safety barricade on the south-side of the haul road approximately 60 feet from base of the dune (where vegetation ends) parallel to the water.

All sand nourishment material must be placed north of this fence. A safety fence with signs shall be placed at the westernmost work limit (SR 16; STA. 315+75.10: C-02) from the water's edge to the dune. This will enclose the work zone. This fence shall be sufficient to provide a safety barricade preventing visitor access to the work area from the Mt. Baldy beach and prevent vehicles and equipment from damaging rare plant vegetation.

The permittee shall consult with NPS prior to posting signs. No traffic, parking or placement of temporary equipment may be stored outside of the work-zone. Failure of the permittees and their agents and/or contractors to maintain this fencing and/or damage to resources adjacent to the access road resulting from the activities of the permittees and their agents and/or contractors may result in revocation of this permit by the Superintendent.

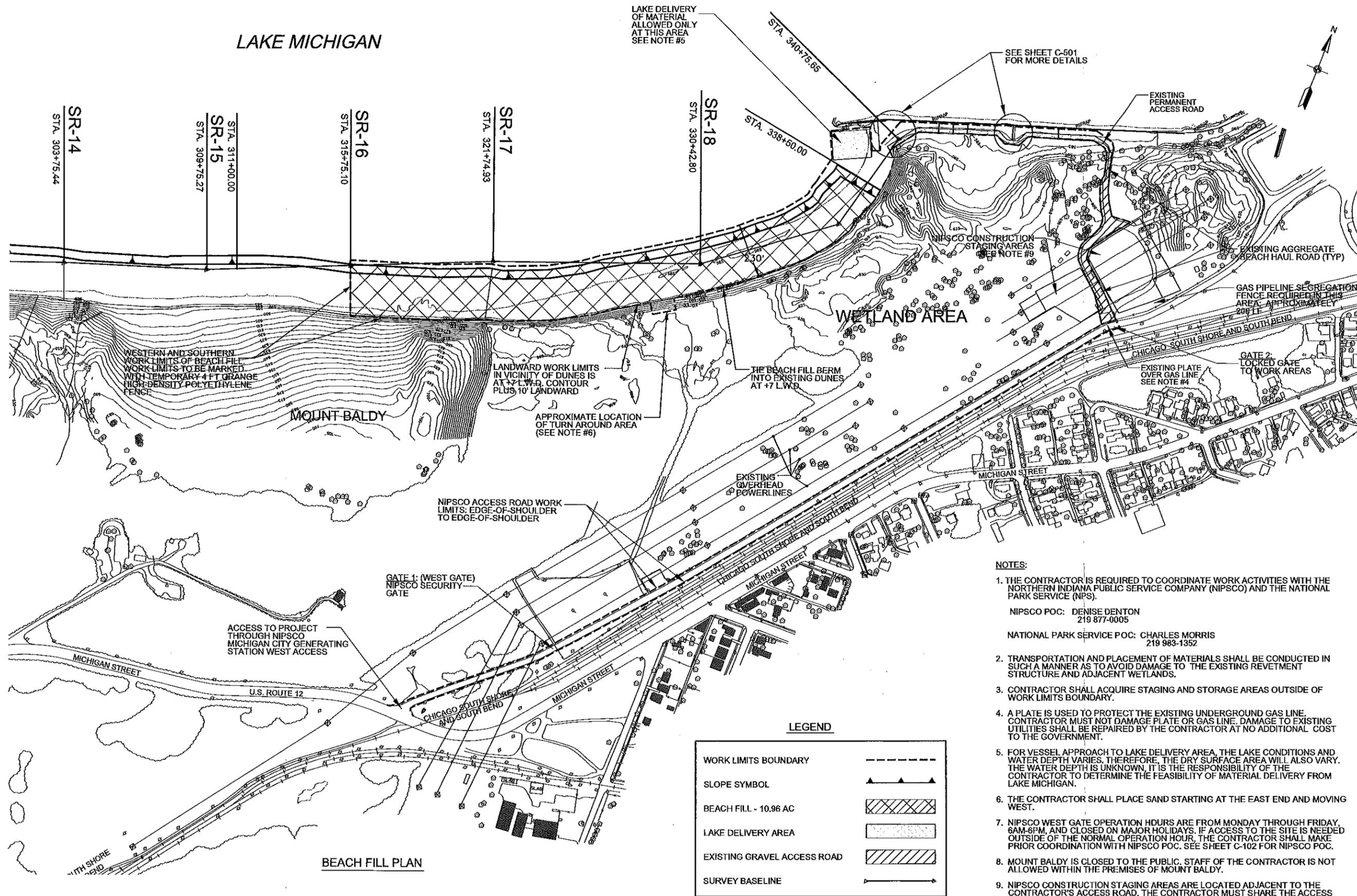
21. Upon completion of all work by the permittees and their agents and/or contractors, the access road will be removed (i.e. all gravel, fencing, flagging, stakes, matting, equipment, and other construction-related materials must be removed) from the area to preserve the wetland/panne drainage. Sheet flow from the panne/wetland area may not be permanently impeded. All ruts and temporary berms shall be restored to original contours. Only remove the access and haul road over the winter months. The one existing culvert under the access road must be maintained.
22. The permittee will provide INDU with one full set (both electronic and prints) of any aerial photography conducted in association with this project while this permit is in effect.
23. Within 300 feet from the shore line of the National Lakeshore the hydraulic pipe and disposal area must be adequately marked during dredging operations to insure safe passage of all vessels through or around the dredging activity area.
24. The placement of sand nourishment must be controlled so it does not bury existing vegetation near the base of the foredune.
25. The permittee will not perform any work during Memorial Day Holiday – Friday through Monday, Fourth of July - Friday through Monday if the Fourth falls on any one of those days nor the Friday through Monday of Labor Day weekend.


Signature: Victor Kotwicki, U.S. Army Corps of Engineers

19 June 2013
Date



LAKE MICHIGAN



BEACH FILL PLAN

LEGEND

WORK LIMITS BOUNDARY	---
SLOPE SYMBOL	▲▲▲
BEACH FILL - 10.96 AC	▨
LAKE DELIVERY AREA	░
EXISTING GRAVEL ACCESS ROAD	▩
SURVEY BASELINE	→



NOTES:

1. THE CONTRACTOR IS REQUIRED TO COORDINATE WORK ACTIVITIES WITH THE NORTHERN INDIANA PUBLIC SERVICE COMPANY (NIPSCO) AND THE NATIONAL PARK SERVICE (NPS).
NIPSCO POC: DENISE DENTON
219 877-0005
NATIONAL PARK SERVICE POC: CHARLES MORRIS
219 983-1352
2. TRANSPORTATION AND PLACEMENT OF MATERIALS SHALL BE CONDUCTED IN SUCH A MANNER AS TO AVOID DAMAGE TO THE EXISTING REVETMENT STRUCTURE AND ADJACENT WETLANDS.
3. CONTRACTOR SHALL ACQUIRE STAGING AND STORAGE AREAS OUTSIDE OF WORK LIMITS BOUNDARY.
4. A PLATE IS USED TO PROTECT THE EXISTING UNDERGROUND GAS LINE. CONTRACTOR MUST NOT DAMAGE PLATE OR GAS LINE. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE GOVERNMENT.
5. FOR VESSEL APPROACH TO LAKE DELIVERY AREA, THE LAKE CONDITIONS AND WATER DEPTH VARIES. THEREFORE, THE DRY SURFACE AREA WILL ALSO VARY. THE WATER DEPTH IS UNKNOWN, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE FEASIBILITY OF MATERIAL DELIVERY FROM LAKE MICHIGAN.
6. THE CONTRACTOR SHALL PLACE SAND STARTING AT THE EAST END AND MOVING WEST.
7. NIPSCO WEST GATE OPERATION HOURS ARE FROM MONDAY THROUGH FRIDAY, 6AM-6PM, AND CLOSED ON MAJOR HOLIDAYS. IF ACCESS TO THE SITE IS NEEDED OUTSIDE OF THE NORMAL OPERATION HOURS, THE CONTRACTOR SHALL MAKE PRIOR COORDINATION WITH NIPSCO POC. SEE SHEET C-102 FOR NIPSCO POC.
8. MOUNT BALDY IS CLOSED TO THE PUBLIC. STAFF OF THE CONTRACTOR IS NOT ALLOWED WITHIN THE PREMISES OF MOUNT BALDY.
9. NIPSCO CONSTRUCTION STAGING AREAS ARE LOCATED ADJACENT TO THE CONTRACTOR'S ACCESS ROAD. THE CONTRACTOR MUST SHARE THE ACCESS ROAD WITH NIPSCO'S CONTRACTOR. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH NIPSCO CONTRACTOR'S AS NEEDED FOR ACCESS. NIPSCO POC IS PROVIDED ABOVE.
10. SNOW FENCING SHALL BE PLACED ALONG THE SOUTHERN EDGE OF THE PERMANENT ACCESS ROAD. THIS SNOW FENCING SHOULD BE REMOVED AFTER ALL SAND HAS BEEN PLACED.



NO.	DESCRIPTION	DATE	MARK	NO.	DESCRIPTION	DATE	MARK

DESIGNED BY: WITOLD KLUZA	DATE: MAY 2016	SOLICITATION NO.:
DRAWN BY: DB	DATE: DB	CONTRACT NO.:
SUBMITTED BY: JOHN JOHNSON, P.E.	DATE: P.E.	FILE NUMBER:
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INDIANA SHORELINE EROSION PROTECTION
SAND PLACEMENT 2016 AND 2017
BEVERLY SHORES, INDIANA

SITE PLAN
SAND PLACEMENT 2016

