# IOWA DEPARTMENT OF NATURAL RESOURCES <br> CONSTRUCTION DOCUMENTS FOR <br> GEODE STATE PARK BOAT RAMP REPLACEMENT AND KAYAK AREA - REBID 

## HENRY COUNTY, IOWA



PROJECT \# 20-06-44-03





TYPICAL SECTION - FILL
TYPICAL SECTION - CUT
$\frac{\text { SECTIION A }-\mathbb{A}}{\text { NOT TO SCALF }}$

note:
Grooving device may be obtane
FROM DNR CONSTRUCTION INSPECTO

PLAN

GROOVING DEVICE IS AVALABLE FROM DNR CONSTRUCTION INSPECTOR.

DETAIL OF GROOVING DEVICE
NOT TO SCALE


GENERAL NOTES

ALL CONCRETE SHALL CONFORM TO CLASS "C" MIX 4 I.D.O.T.
SPECIFICATION SERIES 2015
Al/ " CHPOSED EDGES OF CONCRETE TO be beveled with
THE TOP 1"' OF AL EXPANSION JOINTS TO RECEIVE A SLICONE
XPANSION JOINTS - 3/4" PREFORMED RESLLIENT FILLER MATERIAL reinforcing steel - grade 40 - deformed
THAT PORTION OF THE RAMP TO BE PLACED BELOW THE




$\frac{\text { NOTES }}{1.12^{\prime \prime} \times 18^{\prime \prime}}$ ACCESSIBILITY SIGN (RT-8) SHALL BE MOUNTED $7^{\prime}$ FROM FINSH GRADE TO BOTTOM EDG O FIG FACE. MOUNTING HEIGHT MAY BE REDUCED TO 5'IF PLACED IN A LANDSCAPE AREA IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.
2. BOLLARD MAY BE OMITTED IF INSTALLED IN LANDSCAPE AREAS. WHEN INSTALLED IN LANDSCAPE
AREAS, MOUNTING POST SHAL BE DRIVEN A MINIMUM OF 3 'BELOW FINISHED GRADE. ALTERNATE
 OF THE SPACE
4. REFER TO AMERICANS WITH DISABLITIES ACT AND ARCHITECTURAL BARRIERS ACT

 VAN ACCESSIBLE SPACES PER ADAAG REQUIREMENTS.
5. ALL SIGNGEE SHALL EE ENGINER GRADE . 080 ALUMINUM REFLECTIVE SIGN MEETING THE 5. ALL SIGNAGE SHALL BE ENGINEER GRADE.
REQUREMENTS OF THE MUTCD AND ADAAG.

ADA SIGN DETAIL
NOT TO SCALE
GEODE STATE PARK

|  |  |  | ${ }^{8}$ | TYPICAL ACCESSIBLE PARKING DETAILS |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 令 | boatreamprefacement anv ravak Areas for: |
|  |  |  |  | GEODE STATE PARK |
|  |  |  |  | Hener cownr |



## Verify actual locations and elevations with DNR Engineer

All work shall conform to and be performed in accordance with all applicable codes and ordinances.
The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to to the plans, specification, special provisions and contract.

The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.

It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for materia hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.

The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and will be subject to the approval of the DNR Engineer.

Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.

The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.
The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.



Notes:

1. Contractor shall remove existing pavement as shown and dispose of material off-site

20
2. Full depth saw cuts as directed by DNR field engineer are incidental to pavement removal.


## Notes:

1. Contractor to install mooring eyes in concrete walkway as directed by DNR Field Engineer.
2. Elevations are top of concrete.
3. If necessary, grades and elevations may be adjusted by DNR Field Engineer.
4. Reshape ditch to drain away from ramp as directed by DNR Field Engineer.


[譄

|  |  |  |
| :---: | :---: | :---: |
| \% | Revson |  |
| - |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | ${ }^{\text {ander }}$ |  |
| Catros. | DME |  |
|  | D. |  |

Notes:

1. Final locations for kayak launch, accessible parking, and rigging lane will be determined by DNR Field Engineer.
2. Remove and replace 53.3 SY pavement. Location to be determined by DNR Field Engineer. Saw cuts are incidental to pavement removal.
3. All pavement shall be PCC, 6 inch depth over 6 inches Class " A " crushed stone base. Contractor to submit jointing plans to DNR Field Engineer for approval before placing concrete. Core-out and grading shall be incidental to PCC.
4. Elevations and grades for pavement will be determined on-site and must be ADA compliant.
5. Furnish and place Class "A" crushed stone surfacing for rigging lane at 4 inch depth as directed by DNR Field Engineer.

