



Clean Water Act Section 401 Water Quality Certification Application

Please refer to the “Clean Water Act Section 401 Water Quality Certification Application Guidance” document for assistance with completing this application.

A. Pre-Filing Meeting	
Please provide the date that a pre-filing meeting was requested from Nevada Division of Environmental Protection (NDEP) Bureau of Water Quality Planning (BWQP).	October 15, 2024
<i>Note: If a pre-filing meeting has not been requested, please schedule a pre-filing meeting with NDEP BWQP.</i>	


B. Contact Information	
Project Proponent Information	
Company Name: Nevada Division of State Parks	Address: 901 S Stewart Street, Ste 5005
Applicant Name: Elizabeth Kingsland	City: Carson City
Phone: 775-684-2704 Fax:	State: Nevada
Email: e.kingsland@parks.nv.gov	Zip Code: 89701
Agent Information	
Company Name:	Address:
Agent Name:	City:
Phone: Fax:	State:
Email:	Zip Code:

C. Project General Information			
Project Location			
Project/Site Name: Spooner Lake State Park		Name of receiving waterbody: Spooner Lake	
Address: Highway 28		Type of waterbody present at project location (<i>select all that apply</i>): <input type="checkbox"/> Perennial River or Stream <input type="checkbox"/> Intermittent River or Stream <input type="checkbox"/> Ephemeral River or Stream <input checked="" type="checkbox"/> Lake/Pond/Reservoir <input type="checkbox"/> Wetland <input type="checkbox"/> Other: _____	
City: Glenbrook			
County: Douglas County			
State: Nevada			
Zip Code: 89413			
Latitude (UTM or Dec/Deg): 39.10740° N		Longitude (UTM or Dec/Deg): -119.9111° W	
Township: 014	Range: 018	Section: 01	¼ Section: N ½, NE ¼

Project Details	
Project purpose:	The project is intended to provide improved recreational access to visitors at Spooner Lake State Park. The non-motorized boat launch will provide a stable access point for boaters (primarily fisherman) entering the lake. Also, the pier will provide a stable access to visitors wanting to capture views of Spooner Lake. No additional activities are planned as a result of this project.
Describe current site conditions: Attachments can include, but are not limited to, relevant site data, photographs that represent current site conditions, or other relevant documentation.	Spooner Lake State Park is a developed park within the Lake Tahoe Basin. There are existing roads/paths throughout the park including a pathway around the entire perimeter of Spooner Lake. There is existing recreation activity directly around the lake that includes hikers, mountain bikers and fisherman. Many visitors want to access the lakeshore or launch non-motorized boats on the lake. Currently there are no stabilized accessways to the shoreline or to launch a boat. The attached Aquatic Resources Delineation Report provides additional site information and photographs.
Describe the proposed activity including methodology of each project element:	The proposed pier will be a fixed structure constructed on 28, 30-inch concrete pilings. The boat launch will be constructed of concrete, aggregate base and engineered fill and placed on the lake bottom of Spooner Lake. The boat launch will be 2,526 square feet in area and will include approximately 900 square feet of rip rap around the perimeter. Rebar will be installed, and concrete will be poured into frames, in place, for the construction of the boat launch. The contractor will use an auger and concrete, poured in place, for the pilings. Spooner lake elevations are controlled through an outlet structure on the lake; during construction, the lake level will be lowered below the elevations of the boat launch and the pier to allow construction to take place and concrete to be poured, in dry lake conditions.
Estimate the nature, specific location, and number of discharge(s) expected to be authorized by the proposed activity:	The discharges include the addition of the proposed structures (boat ramp and pier).
Provide the date(s) on which the proposed activity is planned to begin and end and the approximate date(s) when any discharge(s) may commence:	Late Spring/Fall of 2025 Construction is planned to be completed within a two-month period.
Provide a list of the federal permit(s) or license(s) required to conduct the activity which may result in a discharge into regulated waters (see mandatory attachments):	US Army Corps of Engineers: -NWP 25 Structural Discharges -NWP 36 Boat Ramps
Provide a list of all other federal, state, interstate, tribal, territorial, or local agency authorizations required for the proposed activity and the current status of each authorization:	TRPA- Permit received in June of 2024 NDEP- Construction Stormwater Permit, Working in Waters (applications to be submitted) NDEP- 401 Certification (current application)

Total area of impact to regulated waterbodies (acres):	20,563 square feet	
Total distance of impact to regulated waterbodies (linear feet):	Both the proposed pier and the boat ramp are to be located almost entirely within Spooner Lake.	
Amount excavation and/or fill discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	n/a	<p>Launch Ramp: 24.77 CY of fill above the OHWM and 124.26 CY below the OHWM</p> <p>Pier: 0.93 CY of concrete and 1.41 CY of aggregate base above the OHWM. The pilings below the OHWM will comprise a total of 36.77 CY of fill (total height of pilings included -embedded and in the water).</p> <p>Total fill above the OHWM= 27.11 CY Total Fill below the OHWM=161.03 CY</p>
Amount of dredge material discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	n/a	n/a
Describe the reason(s) why avoidance of temporary fill in regulated waters is not practicable (if applicable):	Temporary disturbance to the lakebed will be necessary for the construction of the boat ramp and pier. Temporary disturbance will be minimized to the extent feasible by using the footprint of the boat ramp and the pier as the construction access points for construction.	
Describe the Best Management Practices (BMPs) to be implemented to avoid and/or minimize impacts to regulated waters: Examples include sediment and erosion control measures, habitat preservation, flow diversions, dewatering, hazardous materials management, water quality monitoring, equipment or plans to treat, control, or manage discharges, etc.	Low PSI equipment will be required to be used by the selected contractor. All equipment entering the lake will be steam cleaned to avoid the transfer of aquatic species. The equipment will also be required to be maintained to avoid any leaks of fluid in or around the lake during construction. All fill removed will be transferred offsite to a location approved by Nevada State Parks. If the fill location is within the Lake Tahoe Basin, we will instruct the contractor to seek approval from NDEP and TRPA. Any construction water generated will be decanted through a dirtbag, Baker tank or other acceptable method proposed by the contractor. Rip-rap to be used for the boat ramp will be required to be screened to remove fines. Fueling will take place in area at least 100 feet from the edge of the water. Concrete management, stockpiles, staging/equipment areas and fueling management will follow the TRPA Best Management Practices Handbook. Contractors will access the construction site utilizing existing dirt roads; a stabilized construction access will also be developed as shown on the submitted plans.	

Describe how the activity has been designed to avoid and/or minimize adverse effects, both temporary and permanent, to regulated waters:	To minimize disturbance to the lake bottom, the Nevada Division of State Parks intends to utilize the proposed footprint of the boat ramp and the pier for construction access. At a maximum, temporary disturbance has been calculated to be 17,900 square feet. Nevada Division of State Parks will require the contractor to utilize construction methodologies to limit the impact to the minimum areas as much as possible.
Describe any compensatory mitigation planned for this project (if applicable):	Compensatory mitigation is not anticipated to be required.

D. Signature		
Name and Title (Print): Elizabeth Kingsland	Phone Number: 775-684-2704	Date: 11/20/2024
 _____ Signature of Responsible Official		

Mandatory Attachments:

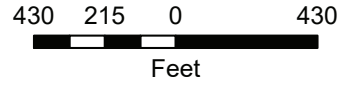
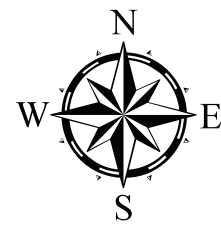
- **Federal Permit or License Identification:**
 - Project proponents seeking a federal general permit or license must include a copy of the draft federal license or permit and any readily available water quality-related materials that informed the development of the draft federal license or permit, or;
 - Project proponents seeking a federal individual permit or license must include a copy of the federal permit or license application and any readily available water quality-related materials that informed the development of the federal license or permit application.
- **Site Map** - A map or diagram of the proposed project site including project boundaries in relation to regulated waters, local streets, roads, and highways.
- **Engineered Drawings** - Engineered drawings are preferred to be submitted at the 70% design level. If only conceptual designs are available at the time of application, plans for construction should be submitted prior to the start of the project. Specific locations of the proposed activities and details of specific work elements planned for the project should be identified (e.g., staging areas, concrete washouts, perimeter controls, water diversions, or other BMPs).

Submit the completed application materials to NDEP (ndep401@ndep.nv.gov) with the appropriate U.S. Army Corps of Engineers Regulatory Office copied on the communication (<http://www.spk.usace.army.mil/Missions/Regulatory/Contacts/Contact-Your-Local-Office/>).

Figure 2 - Project Location Map



Legend	
	Construction Limits
	Delineation Area 3.50 acres
	Park Boundary



Coordinate System:
NAD 1983 StatePlane Nevada West FIPS
2703 Feet
Projection: Transverse Mercator
Datum: North American 1983
Airbus Imagery: 8/28/2023
1 inch equals 450 feet

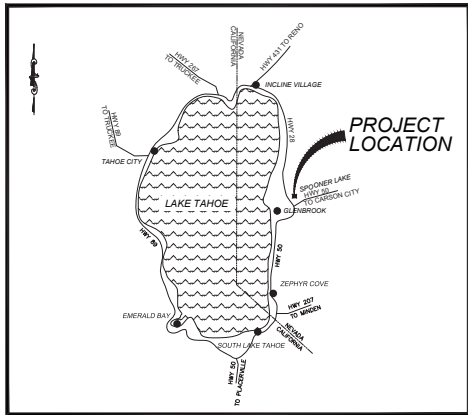
Created on 7/11/2024
Steven Ponte
Nevada Division of State Parks



SPOONER FRONTCOUNTRY IMPROVEMENTS PROJECT

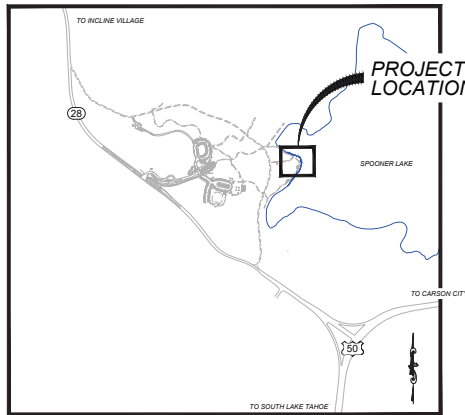
PHASE 3

NEVADA DIVISION OF STATE PARKS
90% DESIGN
JUNE 2024



VICINITY MAP

N.T.S.



LOCATION MAP

N.T.S.

NEVADA DIVISION OF STATE PARKS APPROVAL

JOINED _____ TITLE: ADMINISTRATOR

PRINT NAME: ROBERT MORGELL DATE: _____

MAIN OFFICE
100 S. STEWART STREET, SUITE 5005
CARSON CITY, NV 89703-0248
(775) 684-2729

TAHOE OFFICE
PO BOX 6118
INCLINE VILLAGE, NV 89452
(775) 637-6406

CALL BEFORE YOU DIG
CONTACT UNDERGROUND SERVICE ALERT (USA)
1-800-227-2902
PRIOR TO ANY CONSTRUCTION WORK

CAUTION: THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. ALL EXISTING UTILITIES SHALL BE POLOLED PRIOR TO CONSTRUCTION.



Consultant

011524

Permit/Spec

Permit/Spec

**PRELIMINARY
NOT FOR
CONSTRUCTION**

Client/Project
NEVADA DIVISION OF
STATE PARKS
SPOONER FRONTCOUNTRY
IMPROVEMENTS PROJECT
PHASE III
HWY 28 DOUGLAS COUNTY, NV

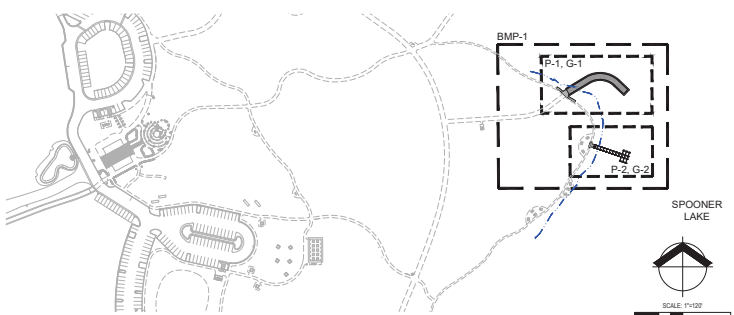
Project No.: 185706546
Name: AS SHOWN

Title: _____
Scale: AS SHOWN
Date: _____
Drawn: _____
Checked: _____

Title: TITLE SHEET
Revision: _____ Sheet: 1 of 14
Drawing No. _____

NOTES:

- CONTRACTOR SHALL POSSESS A VALID NEVADA CONTRACTOR'S LICENSE. ALL LICENSES SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THIS CONTRACT. SEE SPECIFICATIONS.
- EROSION CONTROL SHALL BE INSPECTED DAILY AND IN ACCORDANCE WITH THE SWPPP TO ENSURE FUNCTIONALITY. CONTRACTOR SHALL TAKE CORRECTIVE ACTIONS TO ENSURE EROSION CONTROL IS WORKING PROPERLY AT ALL TIMES.
- ALL FEATURES IN THE PROJECT SHALL BE CONSTRUCTED BASED ON THE CONTROL POINTS PROVIDED IN THE DRAWINGS. THE SURVEYOR SHALL CONTACT THE NEVADA STATE PARKS REPRESENTATIVE IF ADDITIONAL INFORMATION IS REQUIRED.
- THE CONTRACTOR SHALL PROTECT ALL TREES, SHRUBS, AND OTHER VEGETATION IDENTIFIED TO NOT BE DISTURBED OUTSIDE OF GRADING LIMITS DURING CONSTRUCTION. ANY EXISTING VEGETATED AREA DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED AS CLOSELY AS PRACTICAL TO ITS PREEXISTING CONDITION AT THE CONTRACTOR'S EXPENSE. IF THIS CONDITION OCCURS IT IS RECOMMENDED THAT THE EXISTING LANDSCAPING/VEGETATION BE SALVAGED AND REPLACED. IF THIS IS NOT POSSIBLE, DISTURBED AREAS SHALL BE REVEGETATED AT THE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE NEVADA STATE PARKS REPRESENTATIVE.
- VEGETATION (LESS THAN OR EQUAL TO 6" DBH) SHALL BE CLEARED AND GRUBBED ONLY IN THE AREAS SHOWING PROPOSED IMPROVEMENTS ON THE PLANS AND/OR BOUNDED BY THE MARKINGS IN THE FIELD BY THE NEVADA STATE PARKS REPRESENTATIVE. CLEARING OF TREES, SHRUBS OR VEGETATION WILL BE APPROVED BY THE NEVADA STATE PARKS REPRESENTATIVE PRIOR TO REMOVAL. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- EXISTING TREES THAT ARE IN OR ADJACENT TO THE CONSTRUCTION AREA AND ARE GREATER THAN 6" IN DIAMETER (MEASURED 4' ABOVE GROUND SURFACE) SHALL REMAIN IN PLACE AND BE PROTECTED FROM DAMAGE UNLESS SHOWN TO BE REMOVED ON THE PLANS.
- ALL DIMENSIONS GIVEN ARE IN FT UNLESS SPECIFIED OTHERWISE.
- ALL DIMENSIONS ARE SUBJECT TO FIELD ADJUSTMENTS.
- CONTRACTOR SHALL IMPLEMENT ALL APPLICABLE BEST MANAGEMENT PRACTICES (BMP'S) IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND SWPPP.
- EVERY EFFORT HAS BEEN MADE TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM THE PLAN LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF AND REPAIR OF ANY DAMAGE TO EXISTING UNDERGROUND FACILITIES. CALL "UNDERGROUND SERVICE ALERT" 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE PROJECT CIVIL ENGINEER DO NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE NEVADA STATE PARKS REPRESENTATIVE FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- THE LOCATIONS SHOWN FOR PROPOSED CONSTRUCTION (BOTH HORIZONTALLY AND VERTICALLY) WERE DETERMINED PRIMARILY FROM THE TOPOGRAPHIC INFORMATION PROVIDED BY CARDNO. THE CONTRACTOR SHALL NOTIFY THE NEVADA STATE PARKS REPRESENTATIVE IMMEDIATELY IF CONFLICTS ARE EVIDENT OR WILL BE CREATED BY THE PROPOSED DESIGN AS SOON AS THEY ARE IDENTIFIED. IN ADDITION, ANY DEVIATION FROM THE APPROVED DESIGN SHALL BE COORDINATED WITH AND APPROVED BY THE NDSP REPRESENTATIVE.
- CONTRACTOR SHALL REMOVE, STORE & REPLACE ANY EXISTING SIGNS, GATES, EDGE OF PAVEMENT DELINEATORS AND ANY OTHER SITE FURNITURE IMPACTED BY THE PROPOSED CONSTRUCTION. THE NEVADA STATE PARKS WILL DESIGNATE IN A TIMELY MANNER WHICH SITE FURNISHINGS TO BE SALVAGED.
- NEW SIGNS, POSTS, HARDWARE AND INSTALLATION TO BE PROVIDED BY THE CONTRACTOR.
- ALL TRAILS, SIDEWALKS, SITE FURNISHINGS, AND FACILITIES ARE DESIGNED TO MEET CURRENT ADA GUIDELINES.
- ANY SITE FACILITIES NOT SHOWN ON THE DRAWINGS SCHEDULED FOR DEMOLITION WILL BE IDENTIFIED BY THE NEVADA STATE PARKS REPRESENTATIVE OR PROJECT ENGINEER PRIOR TO OR DURING CONSTRUCTION.
- CONSTRUCTION STAKING SHALL BE ACCEPTED BY THE NEVADA STATE PARKS REPRESENTATIVE PRIOR TO BEGINNING EXCAVATION OPERATIONS TO ENSURE THAT SLOPE STAKING WILL PROVIDE THE DESIRED SITE RESTORATION TO CONFORM WITH THE EXISTING TERRAIN. DIMENSIONS SHOWN ON PLANS ARE FOR ADDITIONAL INFORMATION ONLY. ALL SITE FEATURES SHALL BE STAKED AND ACCEPTED BY NEVADA STATE PARKS REPRESENTATIVE.
- THE "AS-BUILT" (RECORD DRAWING) PLAN SET SHALL INCLUDE NEWLY INSTALLED ITEMS, AS WELL AS THE LOCATION OR TERMINATION OF ANY ABANDONED SYSTEMS THAT ARE KNOWN OR DISCOVERED DURING CONSTRUCTION.
- SURVEY PERFORMED ON NAD 27 NEVADA STATE PLANES, WEST ZONE DATUM.



INDEX MAP

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
APPROX	APPROXIMATELY
BGN	BEGIN
BMP	BEST MANAGEMENT PRACTICES
BVCS	BEGIN VERTICAL CURVE ELEVATION
CAVSA	CALIFORNIA STORMWATER QUALITY ASSOCIATION
CL	CENTERLINE
CC	CENTER TO CENTER
CLF	CONSTRUCTION LIMIT FENCE
CON	CONCRETE
CF	CUBIC FEET
DBH	DIAMETER AT BREAST HEIGHT
DIA.	DIAMETER
E	EAST
EG	EXISTING GROUND
ELEV	ELEVATION
EVCS	END VERTICAL CURVE ELEVATION
EX	EXISTING
FG	FINISHED GRADE
FSORAG	FOREST SERVICE OUTDOOR RECREATION ACCESSIBILITY GUIDELINES
FT	FOOT OR FEET
GALV	GALVANIZED
HEX	HEXAGONAL
HWY	HIGHWAY
K	HORIZONTAL DISTANCE ALONG WHICH A 1% CHANGE IN GRADE OCCURS ON THE VERTICAL CURVE
LF	LINEAR FOOT
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NDSP	NEVADA DIVISION OF STATE PARKS
NTS	NOT TO SCALE
OC OR O.C.	ON CENTER
OFF	OFFSET
CHWM	ORDINARY HIGH WATER MARK
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PL	PROPERTY LINE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
QSD	QUALIFIED SWPPP DEVELOPER
OSP	QUALIFIED SWPPP PRACTITIONER
R	RADIUS
RC OR R.C.	RELATIVE COMPACTION
REBAR	REINFORCING BAR
ROW	RIGHT OF WAY
RT	RIGHT
SF	SQUARE FOOT
STA	STATION
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TYP	TYPICAL
USFS	UNITED STATES FOREST SERVICE

SHEET LIST TABLE		
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11	S-1	STRUCTURAL DETAIL SHEET 1
12	S-2	STRUCTURAL DETAIL SHEET 2
13	S-3	STRUCTURAL DETAIL SHEET 3
14	S-4	STRUCTURAL DETAIL SHEET 4

LEGEND

PROPOSED	EXISTING
MAJOR CONTOURS	MAJOR CONTOUR
MINOR CONTOURS	MINOR CONTOUR
GRADING LIMITS	FLOWLINE/EDGE OF WATER
GRADE BREAK	BOULDER
CONCRETE BOAT RAMP	TREE
BOAT RAMP RIP RAP	STUMP
CONCRETE PILING (PLAN)	NATIVE SOIL TRAIL
CONCRETE PILING (PROFILE)	PICNIC TABLE
CONCRETE ABUTMENT (PLAN)	BUILDING
CONCRETE ABUTMENT (PROFILE)	
NATIVE SOIL TRAIL	

CALL BEFORE YOU DIG

CONTACT NEVADA STATE PARKS REPRESENTATIVE AT 775-786-1000 PRIOR TO ANY CONSTRUCTION WORK

CAUTION: THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION.



Consultant
 Brian Kosak
 License No. 123456789
 State of Nevada
 6/15/24

PRELIMINARY NOT FOR CONSTRUCTION

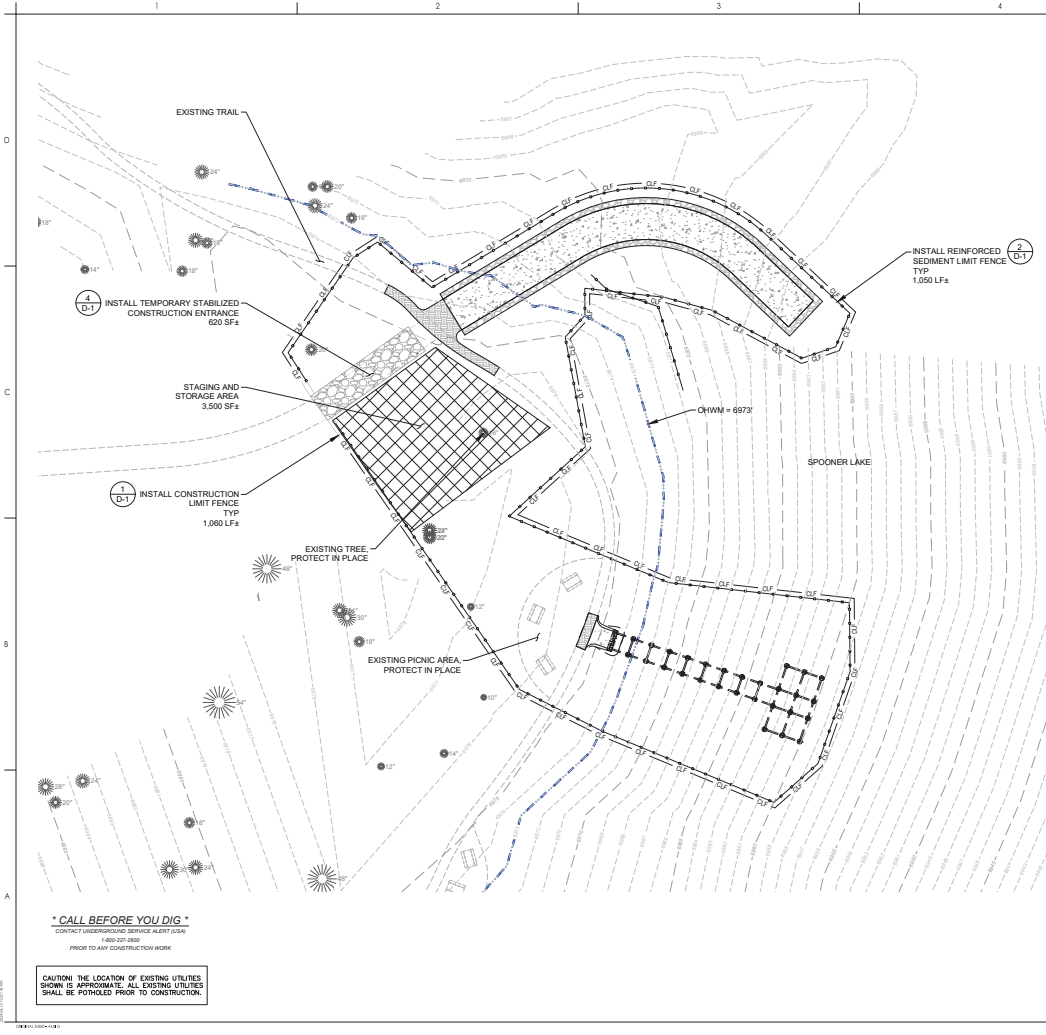
Client/Project: NEVADA STATE PARKS
 Spooner Recreation Area
 Spooner Recreation Area
 IMPROVEMENTS PROJECT
 PHASE III
 HWY 28, DOUGLAS COUNTY, NV

Project No.: 185706546
 Name: [Redacted]

Scale: AS SHOWN
 Date: 2024-11-14
 Title: NOTES SHEET

Revision: Sheet: 2 of 14
 Drawing No. 11

90% DESIGN - NOT FOR CONSTRUCTION



- NOTES:**
1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EFFECTIVE PERIMETER CONTROLS AT ALL TIMES.
 2. THE CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES AND EXITS WHERE CONSTRUCTION TRAFFIC LEAVES UN-STABILIZED AREAS OF THE SITE. IF STAGING AREAS ARE STABILIZED WITH CRUSHED ROCK OR NATIVE MATERIAL AND NO TRACKING OF SEDIMENT IS OBSERVED, CONSTRUCTION ENTRANCES MAY NOT BE NECESSARY, AS DETERMINED AND DIRECTED BY THE STATE PARKS REPRESENTATIVE.
 3. A WATER TRUCK SHALL BE AVAILABLE WHEN NECESSARY TO APPLY WATER FOR DUST CONTROL. WATER APPLICATION MUST BE CONTROLLED TO PREVENT RUNOFF.
 4. THE CONTRACTOR WILL STORE CONSTRUCTION EQUIPMENT IN DESIGNATED STAGING AREAS. CONSTRUCTION MATERIALS WILL BE STORED IN A MANNER THAT LIMITS EXPOSURE TO PRECIPITATION AND CONTROLS STORM WATER RUNOFF. ADDITIONALLY, THE CONTRACTOR WILL DIVERT CONCENTRATED RUNOFF AROUND EQUIPMENT, VEHICLES, AND MATERIALS STAGING AREAS USING GRAVEL BAGS AS REQUIRED BY THIS BMP PLAN.
 5. THE CONTRACTOR WILL PROVIDE PALLETS AND COVERS OR SECONDARY CONTAINMENT FOR CHEMICALS, OILS, OR BAGGED MATERIALS. SHOULD MATERIAL SPILLS OCCUR, MATERIALS AND/OR CONTAMINANTS WILL BE CLEANED FROM THE PROJECT SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH APPLICABLE WASTE MANAGEMENT REGULATIONS AND TO THE SATISFACTION OF STATE PARKS.
 6. THE CONTRACTOR SHALL ENSURE THE CONTAINMENT OF CONCRETE WASHOUT AREAS AND OTHER WASHOUT AREAS THAT MAY CONTAIN ADDITIONAL POLLUTANTS TO PREVENT DISCHARGE INTO THE UNDERLYING SOIL OR INTO THE SURROUNDING AREAS.
 7. SOLID WASTE RECEPTACLES, INCLUDING CONCRETE AND PAINT WASH-OUTS, SHALL BE COVERED WHEN NOT IN USE, AT THE END OF EACH DAY, AND PRIOR TO RAIN EVENTS.
 8. THE CONTRACTOR WILL TRAIN/INSTRUCT ON-SITE CONSTRUCTION PERSONNEL IN SPILL PREVENTION PRACTICES AND PROVIDE SPILL CONTAINMENT MATERIALS NEAR ALL STAGING AREAS. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEIR PERSONNEL AND ANY SUBCONTRACTORS WITH THE INFORMATION CONTAINED IN THIS BMP PLAN, AND PROVIDING THE STATE PARKS REPRESENTATIVE WITH A RECORD OF TRAINING, TYPICALLY TAILBOARD SIGN-IN SHEETS OR SUBCONTRACTOR NOTIFICATION LETTERS.
 9. THE CONTRACTOR WILL MAINTAIN COVERS ON ALL STOCKPILES, TYPICALLY GEOTEXTILE FABRIC OR EROSION CONTROL BLANKETING, AND INSTALL PERIMETER CONTROLS, TYPICALLY GRAVEL BAGS OR FIBER ROLLS ON THE DOWNWARD SLOPE SIDE.
 10. WHEN INCLEMENT WEATHER IS PREDICTED, THE CONTRACTOR WILL PRIORITIZE THE STABILIZATION OF ACTIVE WORK AREAS AND MINIMIZE ANY ADDITIONAL DISTURBANCE IN THE PROJECT AREA.
 11. THE CONTRACTOR SHALL STABILIZE DISTURBED SOIL AREAS PRIOR TO RAIN EVENTS AND SHALL TEMPORARILY STABILIZE ALL DISTURBED SOIL AREAS WHEN CONSTRUCTION CEASES FOR GREATER THAN 14-DAYS IN ACCORDANCE WITH STANDARD PRACTICES. TEMPORARY STABILIZATION MEASURES MAY INCLUDE EROSION CONTROL BLANKETING, WOOD MULCH, GEOTEXTILE FABRICS, OR EQUIVALENT.
 12. THE CONTRACTOR WILL STORE EXTRA BMP MATERIALS SUCH AS FIBER ROLLS, GRAVEL BAGS, GEOTEXTILE BLANKETS, AND EROSION CONTROL BLANKETS ON-SITE FOR USE DURING MAJOR STORM EVENTS OR SPILLS.
 13. THE CONTRACTOR WILL BE PREPARED TO IMPLEMENT REPAIRS OR DESIGN CHANGES TO BMPs WITHIN 72-HOURS OF IDENTIFICATION OF FAILURES OR SHORTCOMINGS, AND COMPLETE THE CHANGES AS SOON AS POSSIBLE.
 14. CONSTRUCTION ACTIVITIES WITHIN WATERS OF THE U.S. ARE NOT PERMITTED UNDER THE EXISTING PERMITS. ALL CONSTRUCTION ACTIVITIES AND BMPs SHOULD BE LIMITED TO AREAS PERMITTED FOR IMPACT. BMPs MAY NOT BE INSTALLED WITHIN JURISDICTIONAL FEATURES, AND FEATURES SHALL NOT BE USED TO CONTAIN TURBID STORMWATER.
 15. EXISTING VEGETATION TO BE PRESERVED WHENEVER POSSIBLE. AREAS WHERE EXISTING VEGETATION IS DISTURBED BY PROJECT ACTIVITIES WILL BE RE-STABILIZED IMMEDIATELY USING EROSION CONTROL BLANKETING, WOOD MULCH OR EQUIVALENT.
 16. ALL BMPs SHALL BE INSTALLED AS OUTLINED IN CASPA BMP HANDBOOK, CONSTRUCTION FACTS SHEETS, AND USDA NATIONAL BEST MANAGEMENT PRACTICES FOR WATER QUALITY MANAGEMENT ON FOREST SYSTEM LANDS.
 17. STAGING AND STORAGE AREAS SHALL UTILIZE BMPs IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND THIS BMP PLAN.

- LEGEND**
- - - - - CONSTRUCTION LIMIT FENCE
 - - - - - SEDIMENT LIMIT FENCE
 - [Pattern] CONSTRUCTION ENTRANCE
 - [Pattern] STAGING AND STORAGE AREA



*** CALL BEFORE YOU DIG ***
 CONTACT AN UNDERGROUND SERVICE ALERT (USA)
 800.227.4800
 PRIOR TO ANY CONSTRUCTION WORK

CAUTION: THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION.

Stantec
 300 BROADWAY, 15TH FLOOR
 NEW YORK, NY 10038
 TEL: 212.250.0000
 FAX: 212.250.0000

SEAN KOSAR
 PROJECT MANAGER
 61524

Permit/Scale

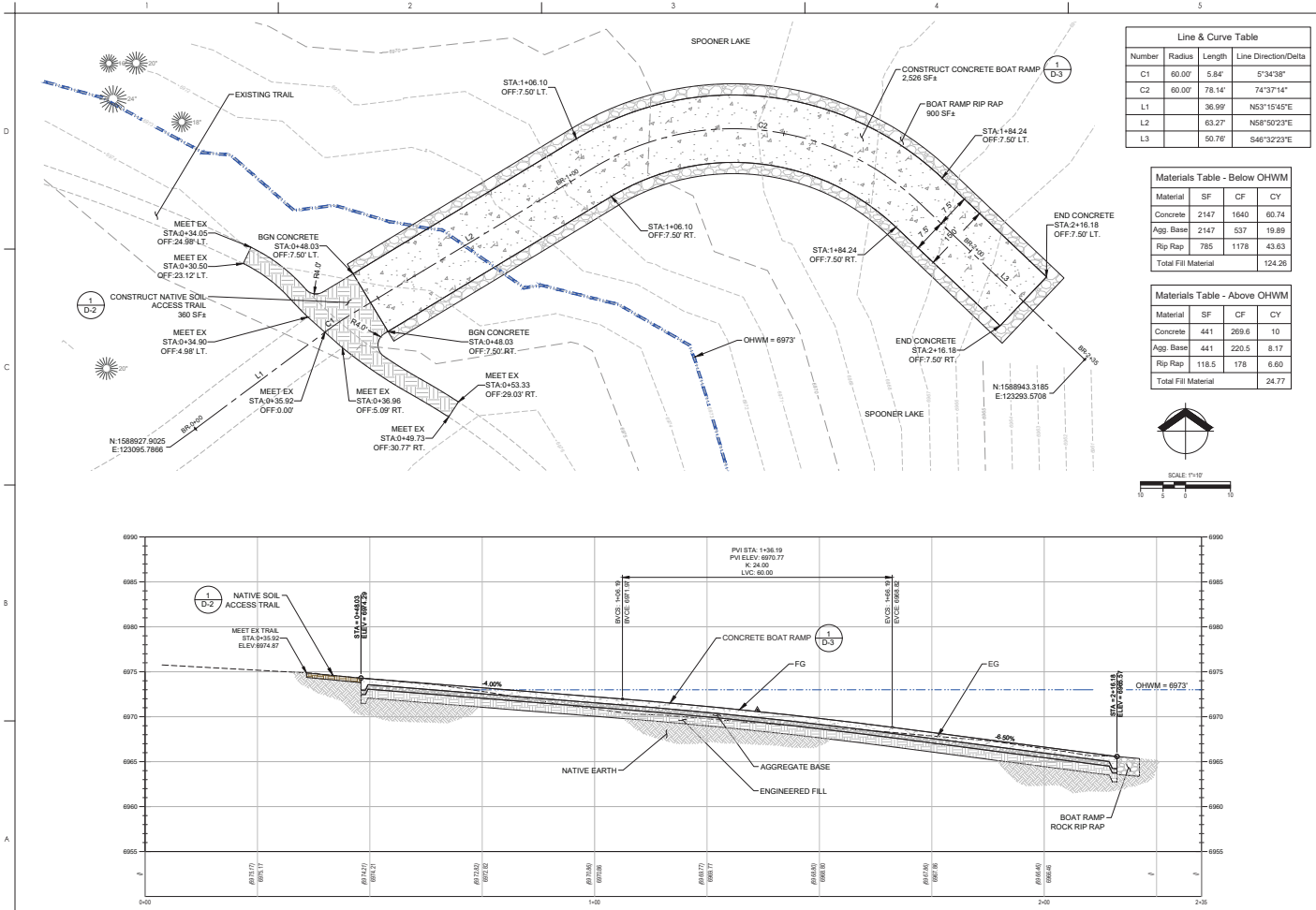
PRELIMINARY NOT FOR CONSTRUCTION

90% DESIGN - NOT FOR CONSTRUCTION

Client/Project: NEW YORK DIVISION OF STATE PARKS
 Spooner Mountain
 Spooner Mountain
 IMPROVEMENTS PROJECT
 PHASE III
 HWY 28, DOUGLAAS COUNTY, NY

Project No.: 185706546
 Name: [Redacted]
 Scale: AS SHOWN
 Date: 2020.14
 Rev: 01
 Date: 1999.00.00

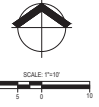
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 Revision: Sheet: 3 of 14
 Drawing No. **BMP-1**



Line & Curve Table			
Number	Radius	Length	Line Direction/Delta
C1	60.00'	5.84'	S ³⁴ 38'
C2	60.00'	78.14'	74 ^o 37'14"
L1		36.99'	N53 ^o 15'45"E
L2		63.27'	N58 ^o 50'23"E
L3		50.76'	S46 ^o 32'23"E

Materials Table - Below OHWM			
Material	SF	CF	CY
Concrete	2147	1640	60.74
Agg. Base	2147	537	19.89
Rip Rap	785	1178	43.63
Total Fill Material			124.26

Materials Table - Above OHWM			
Material	SF	CF	CY
Concrete	441	269.6	10
Agg. Base	441	220.5	8.17
Rip Rap	118.5	178	6.60
Total Fill Material			24.77



CAUTION: THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. ALL EXISTING UTILITIES SHALL BE FOTHOLOGED PRIOR TO CONSTRUCTION.

*** CALL BEFORE YOU DIG ***
 CONTACT UNDERGROUND SERVICE ALERT (USA)
 1-800-227-2800
 PRIOR TO ANY CONSTRUCTION WORK

PROFILE FOR ALIGNMENT BR STA: 0+00 TO 1+75
 HORIZONTAL SCALE: 1"=10'
 VERTICAL SCALE: 1"=5'



Permit/Seal

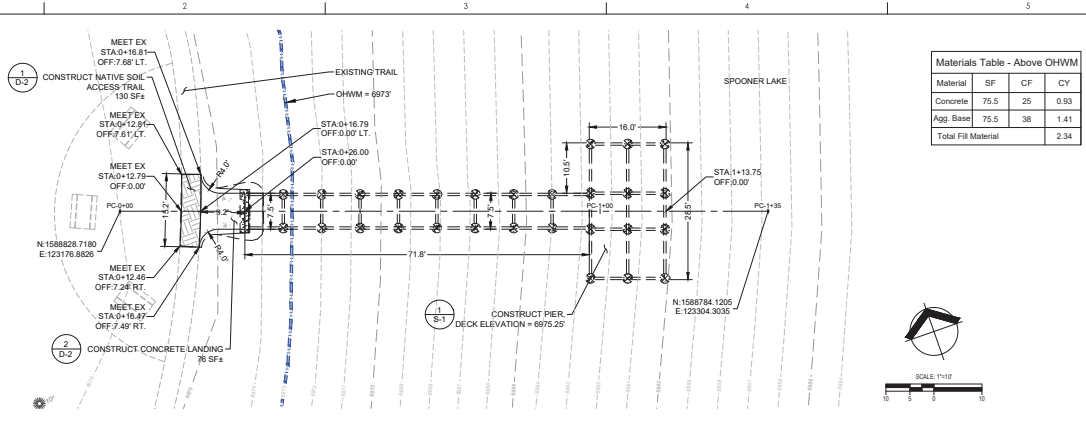
PRELIMINARY NOT FOR CONSTRUCTION

Client/Project: NEW YORK STATE DEPARTMENT OF TRANSPORTATION
 PROJECT: SPOONER FRONT COUNTRY IMPROVEMENTS PROJECT
 PHASE III
 HWY 28, DOUGLAAS COUNTY, NY

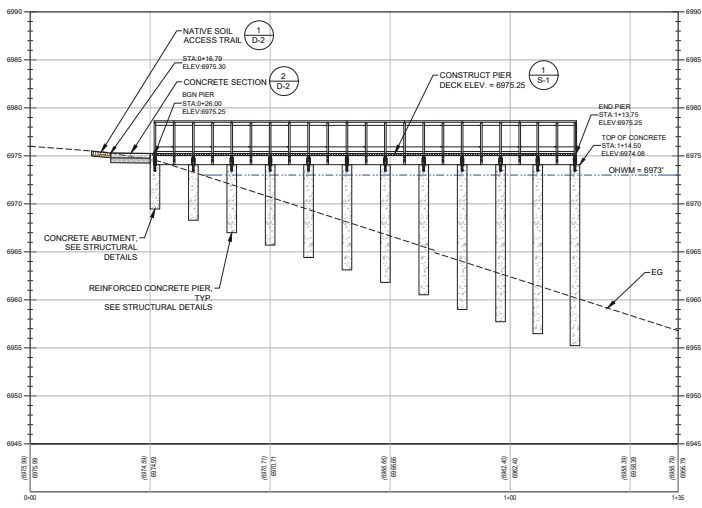
Project No.: 185706546
 Scale: AS SHOWN
 Date: 2/20/24
 Title: PLAN SHEET 1

Revision: Sheet 4 of 14
P-1

90% DESIGN - NOT FOR CONSTRUCTION



Materials Table - Above OHWM			
Material	SF	CF	CY
Concrete	75.5	25	0.93
Agg. Base	75.5	38	1.41
Total Fill Material			2.34



PROFILE FOR ALIGNMENT PC STA: 0+00 TO 1+35
 HORIZONTAL SCALE: 1"=10'
 VERTICAL SCALE: 1"=5'

*** CALL BEFORE YOU DIG ***
 CONTACT UNDERGROUND SERVICE ALERT (USA)
 800.227.4800
 PRIOR TO ANY CONSTRUCTION WORK

CAUTION: THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION.



Consultant
 Brian K. Fogarty
 611524

Permit/Soil
PRELIMINARY NOT FOR CONSTRUCTION

90% DESIGN - NOT FOR CONSTRUCTION
 Client/Project: NEW YORK STATE DIVISION OF STATE PARKS
 PROJECT: SPOONER FRONT-COUNTRY IMPROVEMENTS PROJECT
 PHASE III
 HWY 28, DOUGLAAS COUNTY, NY
 Project No.: 185706546
 Scale: AS SHOWN
 Title: PLAN SHEET 2
 Revision: Sheet 3 of 14
P-2