

April 8, 2026

Zack Carter
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City NV 89701

RE: Pleasant Valley Interceptor, Reach 3 – Steamboat Creek Northern Crossing Project, Section 401 Water Quality Certification Application

Dear Mr. Carter:

On behalf of the Washoe County Community Services Department (Washoe County), NCE is submitting a Section 401 Water Quality Certification Application for the Pleasant Valley Interceptor, Reach 3 – Steamboat Creek Northern Crossing Project (project). Washoe County is proposing to install two new utility lines within a 42-inch diameter steel casing. The work will require open trench construction and a crossing through a portion of Steamboat Creek. The two new utility lines include a 12-inch pipe for reclaimed water and an 18-inch pipe for sanitary sewer. The project is located off U.S. Route 395 near Towne Drive along Steamboat Creek in Washoe County, Nevada (**Appendix A, Figures 1, 2, and 3**).

The approximate 3.28-acre project area is located on Assessor's Parcel Numbers (APN): 017-020-01, 017-020-02, 017-020-18, and 017-301-30. The project area is situated between the U.S. Route 395 to the west and a residential community to the east. Commercial businesses in the vicinity include Steamboat Hot Springs Healing Center and Spa, Eastern Sierra Engineering, and a geothermal power plant west of the U.S. Route 395. The project area is in Section 33, Township 18 North, Range 20 East of the United States Geological Survey (USGS) 7.5-minute series topographic Steamboat, Nevada, quadrangle map (**Appendix A, Figure 2**).

On January 16, 2026, NCE performed an U.S. Army Corps of Engineers (USACE) aquatic resources delineation (ARD) to determine the jurisdictional limits of Steamboat Creek with respect to Section 404 of the Clean Water Act. The pre-project photos collected during the aquatic resources delineation are presented in **Appendix B** of the Aquatic Resources Delineation Report, **Appendix B**. The project contains the following aquatic resources: 0.04 acres of riverine. These aquatic features are presented on **Appendix A, Figure 4**.

Within the northern open trench there will be approximately 0.1175 acres (5,117.01 square feet) of temporary impacts and approximately 0.0012 acres (51.40 square feet) of permanent impacts. The area where the new sanitary sewer and reclaimed water pipelines will be installed constitutes the area of permanent impacts. The remainder of the aquatic resources within the project area are the temporary impacts. The temporary impacts include the area required for the temporary drainage diversion program: water barrier (gravel bag berm), pump trench box, gravel bag dissipation (**Appendix A, Figure 5**). The newly proposed pipelines are depicted in **Appendix A, Figure 6**. Details of the permanent and temporary impacts are depicted in **Appendix A, Figure 7**. Furthermore, **Table 1** below presents a summary of the permanent and temporary impacts.

300 E. 2nd Street, Suite 1210
Reno, NV 89501
(775) 329-4955

Table 1: Permanent and Temporary Impacts by Feature and Proposed NWP

Aquatic Resource	Common Name	Proposed NWP	Permanent Impact (acres)	Permanent Impact (sq. ft.)	Permanent Impact (cu. yds.)	Linear Feet
Steamboat Creek - Riverine	42-inch Diameter Steel Casing*	58	0.0012	51.40	5.26	14.76
Aquatic Resource	Common Name	Proposed NWP	Temporary Impact (acres)	Temporary Impact (sq. ft.)	Temporary Impact (cu. yds.)	Linear Feet
Steamboat Creek - Riverine	Temporary Drainage Diversion	58	0.0042	182.00	33.33	N/A
Steamboat Creek - Riverine	Temporary Work Area	58	0.1133	4,935.01	N/A	N/A
Total Temporary Impacts			0.1175	5,117.01	33.33	N/A

*Since the sanitary sewer line and the reclaimed water line will be placed on top of each other within the 42-inch diameter steel casing, the area and length only reflect the dimensions of the steel casing (i.e., 42-inch diameter casing).

The plan set developed by Carollo Engineering is included in **Appendix A**.

NAS Environmental Consulting, LLC (NAS) prepared a Biological Assessment for Washoe County in December of 2020, of an Action Area. Action Area refers to a much larger study area that spans from Brookside Mobile Home Park to Damonte Ranch Parkway. The current project area is only a 3.28-acre portion of the originally studied Action Area. NAS conducted a special status species database search of the Action Area on July 30, 2018, then again on April 10, 2020, after consulting with USFWS about the presence of Steamboat buckwheat (STBU). After the initial database search was complete, field surveys were conducted in 2018. As a result of the observations from the 2018 field surveys, the proposed PVI pipeline route was rerouted to avoid the plants and potential impacts to STBU species. Additional STBU field surveys were conducted in 2019 as the Action Area was being modified. Following database review and the reconnaissance-level field surveys for biological resources it was determined that there is potential for special status species, including STBU, to occur in the Action Area. The Biological Assessment Report is provided in **Appendix C**.

Kautz Environmental Consultants, Inc. (KEC) prepared A Class III Pedestrian Inventory of the cultural resources within the project's area of potential effects (APE) on July 2, 2019. KEC defined the APE as 41.9 acres from the Brookside Mobile Home Park heading north for 3 miles. KEC conducted a cultural resources database search and then the field surveys, which were conducted between July and December of 2018 and in June of 2019 on the following dates:

- July 12, 2018
- September 7, 2018
- December 12, 2018
- June 18, 2019

Following database review and the cultural resources field work, KEC recommended that the proposed project would adversely affect two eligible archaeological resources and would require mitigation. Then on February 10, 2020, KEC prepared an addendum to the July 2, 2019, report. The addendum consisted of an additional Class III Pedestrian Inventory for 2.25 acres of existing roads which concluded the proposed project would have no impact to known historic properties. The Class III Pedestrian Inventory of the cultural resources, the addendum, and the Memorandum of Agreement (MOA) will be emailed to the USACE under separate cover.

Soil testing for contamination was completed by Sierra Nevada Construction (SNC). The soil testing results are in **Appendix E**. The fill material for the 42-inch diameter steel casing will be imported and the excavated soil that is removed will be temporarily stored on APNs 017-011-34 and 017-011-30, then exported to Waste Management on East Commercial Row, in Reno, Nevada, or hauled to the Lockwood Regional Landfill at 2401 Canyon Way, Sparks, Nevada.

The Contractor, SNC, will secure a NDEP Temporary Groundwater Use permit for dewatering. Nuisance water (groundwater) will be pumped to either tanks or retention basins. If groundwater is pumped into a tank, after settling, the groundwater will then be discharged per the NDEP permit requirements. If the groundwater is pumped to a retention basin, the groundwater will either infiltrate or evaporate. Once the retention basin is empty, it will be either removed or filled with structural material to pre-construction conditions.

SNC prepared a Stormwater Pollution Prevention Plan for the project (**Appendix E**). Temporary construction best management practices (BMPs) will be implemented prior to construction and maintained during construction per the Truckee Meadows Construction Site BMP Handbook (Farr West Engineering, 2015). Temporary construction BMPs will consist of, but not be limited to:

- Planning BMPs such as scheduling, phased construction, native material will be reused when possible, and employee training.
- Erosion control BMPs such as preserving existing vegetation, revegetation (as needed), and wind erosion and dust control.
- Sediment control BMPs such as fiber rolls or silt fence, construction site entrances and exits.
- General housekeeping BMPs such as stockpile management, solid and demolition waste management if applicable, dewatering operations, street and surface cleaning, vehicle and equipment maintenance and fueling, sanitary/septic waste management, and contaminated soil and water management if applicable. Equipment fueling will occur on the uplands and not in or adjacent to the aquatic resources.

Documentation of Prefiling Meeting Request is included in **Appendix F**.

In addition to this application, the following permits will be submitted:

- USACE Nationwide Permit 58, Utility Line Activities for Water and Other Substances (**Appendix G**).
- NDEP Temporary Permit for Working in Waterways.
- SNC will obtain coverage under a NDEP Construction Stormwater General Permit prior to initiating construction.

Please contact me with any questions.

Sincerely,

NCE



Debra Lemke, PWS, CPESC
Associate Scientist



Ian Fox
Staff Scientist

Attachments:

- NDEP Clean Water Act 401 Water Quality Certification Application
- Appendix A – Figures and Plan Set (Carollo)
- Appendix B – Aquatic Resources Delineation Report (Photographs are in Appendix B)
- Appendix C – Biological Resources Report
- Appendix D – Soil Testing Results
- Appendix E – Stormwater Pollution Prevention Plan
- Appendix F – Prefiling Meeting Request
- Appendix G – USACE Nationwide Permit 58 Utility Line Activities for Water and Other Substances

cc:

Alan Jones and Dwayne Smith, Washoe County Community Services Department
Mike Wetterau and Randy Buckman, Carollo Engineering



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 29, 2025
<i>Note: If a pre-filing meeting has not been requested, please schedule a pre-filing meeting with NDEP BWQP.</i>	

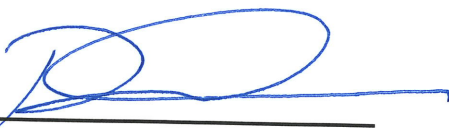
B. Contact Information	
Project Proponent Information	
Company Name: Washoe County Community Services Department	Address: 1001 E. 9th Street, Bldg. A
Applicant Name: Dwayne Smith	City: Reno
Phone: 775-954-4651 Fax: N/A	State: NV
Email: DESmith@washoecounty.gov	Zip Code: 89512
Agent Information	
Company Name: NCE	Address: 300 E. 2 nd Street Suite 1210
Agent Name: Debra Lemke	City: Reno
Phone: 775-329-4955 Fax: 775-329-5098	State: NV
Email: dlemke@ncenet.com	Zip Code: 89501

C. Project General Information	
Project Location	
Project/Site Name: Pleasant Valley Interceptor, Reach 3 – Steamboat Creek Northern Crossing	Name of receiving waterbody: Steamboat Creek
Address: N/A	Type of waterbody present at project location (<i>select all that apply</i>): <input checked="" type="checkbox"/> Perennial River or Stream <input type="checkbox"/> Intermittent River or Stream <input type="checkbox"/> Ephemeral River or Stream <input type="checkbox"/> Lake/Pond/Reservoir <input type="checkbox"/> Wetland <input type="checkbox"/> Other: _____
City: Reno	
County: Washoe	
State: NV	
Zip Code: 89521	
Latitude (UTM or Dec/Deg): 39.3854689	Longitude (UTM or Dec/Deg): -119.7390700

Township: 18N	Range: 20E	Section: 33	¼ Section: N/A
Project Details			
Project purpose:		The purpose of this project to install two new utility lines within a 42-inch diameter steel casing, which will require an open trench crossing through a portion of Steamboat Creek. The two new utility lines will have diameters of 12 and 18 inches. The 12-inch pipe will be for reclaimed water and the 18-inch pipe will be for sanitary sewer.	
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.		The proposed sanitary sewer and reclaimed water lines run parallel to the U.S. Route 395. For this section of the project, the proposed utility lines will cross Steamboat Creek near Towne Drive. For additional site condition details please see the representative photos within Appendix B: Aquatic Resources Delineation Report .	
Describe the proposed activity including methodology of each project element:		Washoe County is proposing to install two new utility lines, which will require an open trench crossing through a portion of Steamboat Creek. The two new utility lines will have diameters of 12 and 18 inches. For further details regarding the methods and design, please see Appendix A , plan set that has been prepared by Carollo Engineering.	
Estimate the nature, specific location, and number of discharge(s) expected to be authorized by the proposed activity:		The total anticipated discharges amount to 33.33 cubic yards which results from the fill needed for the open trench, as well as the temporary diversion program that has been established (gravel bag dam, pump trench, and gravel bag dissipation).	
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:		The proposed activity is planned to begin no earlier than July 1, 2026, but is more likely to begin no earlier than November 1, 2026 and is anticipated to take 10 days day. Any and all discharges would occur during these 10 days. It is anticipated that the open trench will be completed no later than December 1, 2026.	
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):		A USACE Section 404 Nationwide Permit 58, Utility Line Activities for Water and Other Substances	
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:		Federal: USACE Section 404 Nationwide Permit 58, Utility Line Activities for Water and Other Substances. State: NDEP Temporary Working in Waterways.	
Total area of impact to regulated waterbodies (acres):		Permanent Impacts: 0.0012 acres of riverine.	
Total distance of impact to regulated waterbodies (linear feet):		Permanent Impacts: 14.76 linear feet.	
		Temporary:	Permanent:

Amount excavation and/or fill discharged within regulated waters (acres, linear feet, and cubic yards):	0.1175 acres, N/A linear feet, and 33.33 cubic yards.	0.0012 acres, 14.76 linear feet, and 5.26 cubic yards.
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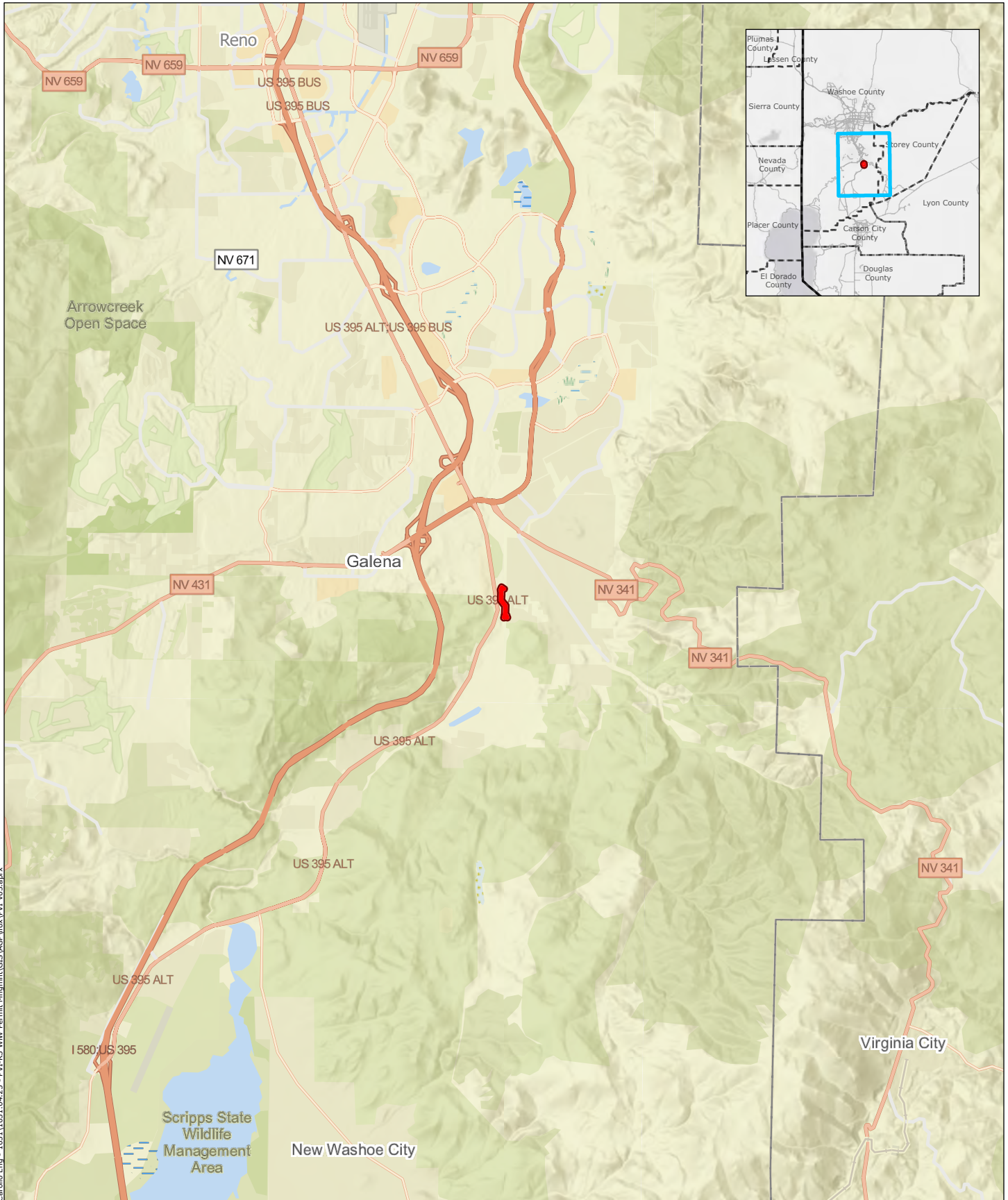
Amount of dredge material discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	0 acres, 0 linear feet, and 0 cubic yards.	0 acres, 0 linear feet, and 0 cubic yards.
Describe the reason(s) why avoidance of temporary fill in regulated waters is not practicable (if applicable):	The 33.33 cubic yards will be required due to the temporary drainage diversion program. The temporary fill volume is the calculated volume of the water barrier (gravel bag berm), the pump trench box, and the gravel bag dissipation. The temporary fill required for this program cannot be avoided because the pipeline must cross Steamboat Creek at this location due to design and utility purposes.	
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.	Temporary construction BMPs will consist of, but not limited to: Planning BMPs such as scheduling, phased construction, native material reuse, and employee training. Erosion control BMPs such as preserving existing vegetation, revegetation (if needed), and wind erosion and dust control (as needed). Sediment control BMPs such as fiber rolls or silt fence may be installed along the Steamboat Creek edge to prevent water quality impacts to the Steamboat Creek. General housekeeping BMPs such as stockpile management, solid and demolition waste management if applicable, dewatering operations, street and surface cleaning, vehicle and equipment maintenance and fueling, sanitary/septic waste management, and contaminated soil and water management if applicable. In particular, all fueling will occur at least 100 feet from Steamboat Creek. Similarly, the generator that will be used for pumping will be placed no less than 100 feet from Steamboat Creek. To ensure that vehicles can safely pass over the drainage diversion pipe that will cross Towne Drive, steel plating will be installed over the pipe.	
Describe how the activity has been designed to avoid and/or minimize adverse effects, both temporary and permanent, to regulated waters:	Gravel bags will be used for damming and for energy dissipation so that sediment will not discharge into Steamboat Creek.	
Describe any compensatory mitigation planned for this project (if applicable):	Not applicable.	



D. Signature		
Name and Title (Print): Dwayne Smith, P.E., Director, Engineering & Capital Projects	Phone Number: 775-328-2040	Date: 4/7/2026
 X _____ Signature of Responsible Official		

Mandatory Attachments:

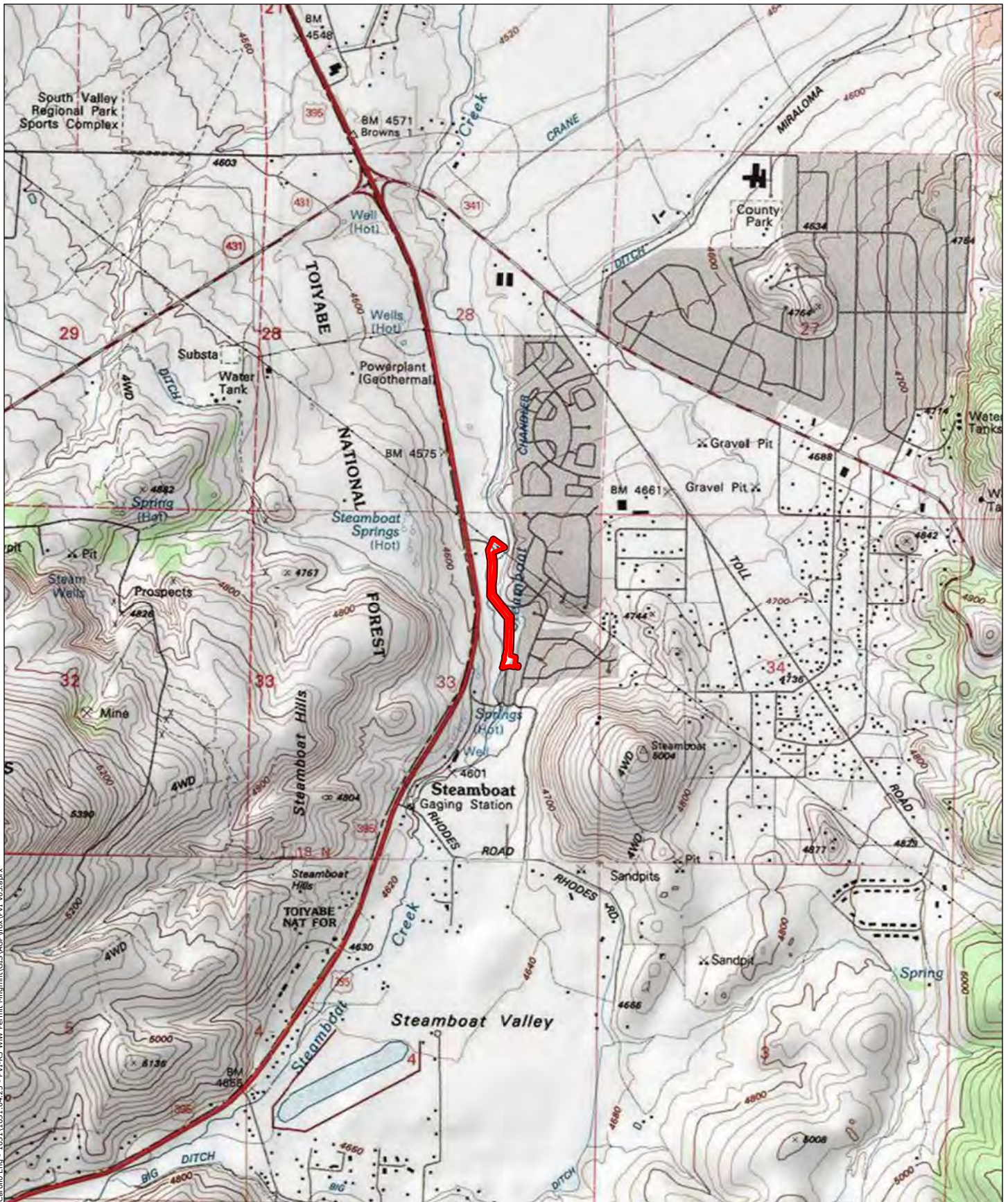
- **Federal Permit or License Identification:**
 - Project proponents seeking a federal general permit or license must include a copy of the draft federal license or permit and any readily available water quality-related materials that informed the development of the draft federal license or permit, 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/>).



<p>Legend</p> <p> Project Area</p>		<p align="center">Pleasant Valley Interceptor, Reach 3 - Steamboat Creek Northern Crossing</p> <p align="center">Project Vicinity Map</p>	<p align="center">N</p> <p align="center">1:100,000</p> <p align="center">0 5,000 10,000 ft.</p>	<p align="center">FIGURE 1</p>	
<p>SOURCE ESRI Streets with Relief</p>	<p>JOB NUMBER 1031.04.25</p>	<p>DRAWN I. Fox</p>	<p>DATE 10/29/2025</p>	<p>REVISED 2/26/2026</p>	<p>APPROVED D. Lemke</p>

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USGS 7.5' Quad Map: Steamboat, NV
 TRS: T.18N, R.20E, Sec. 33

Legend
 Project Area



Pleasant Valley Interceptor, Reach 3 -
 Steamboat Creek Northern Crossing
 Project Location Map

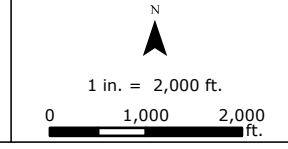
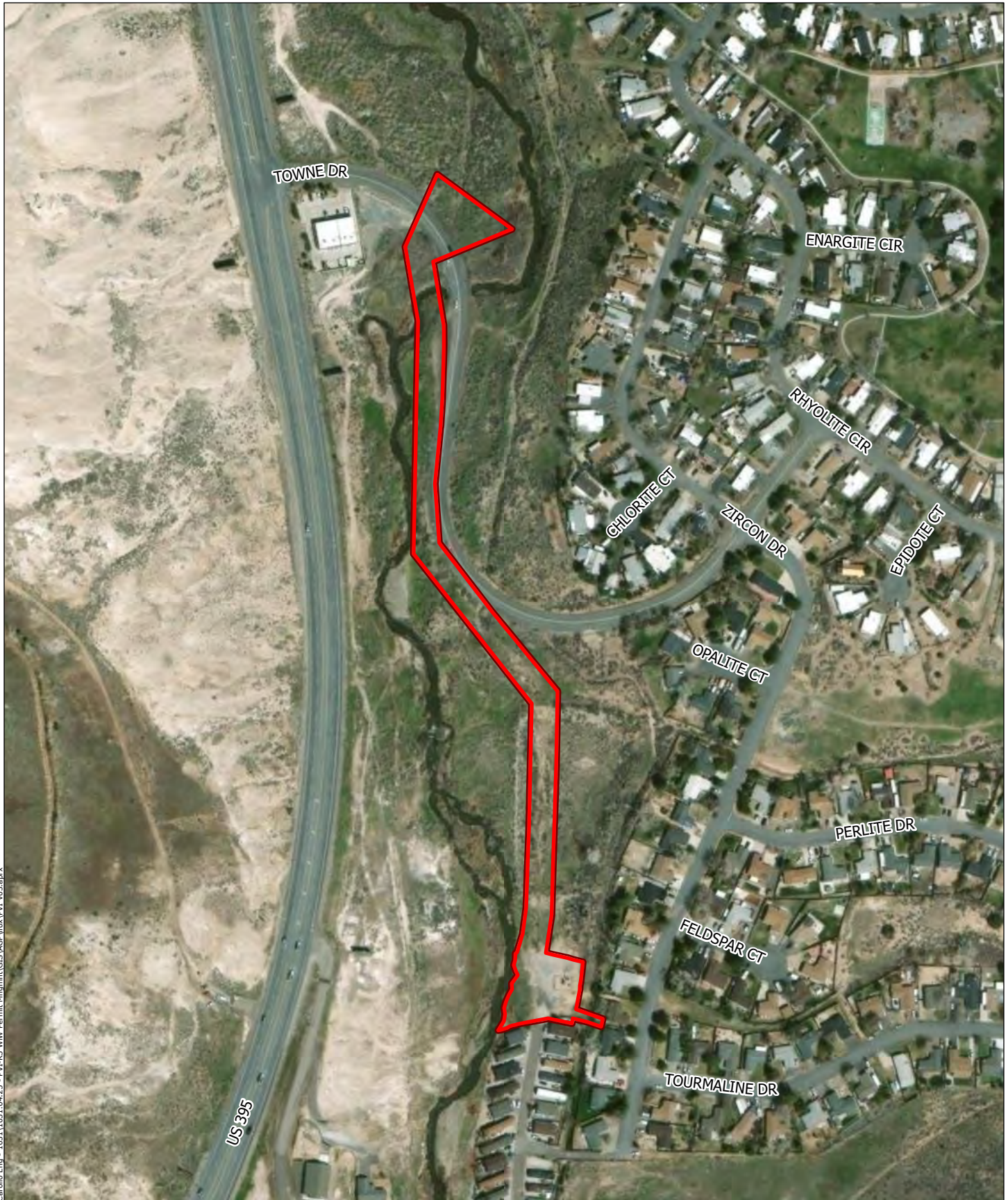




FIGURE
 2

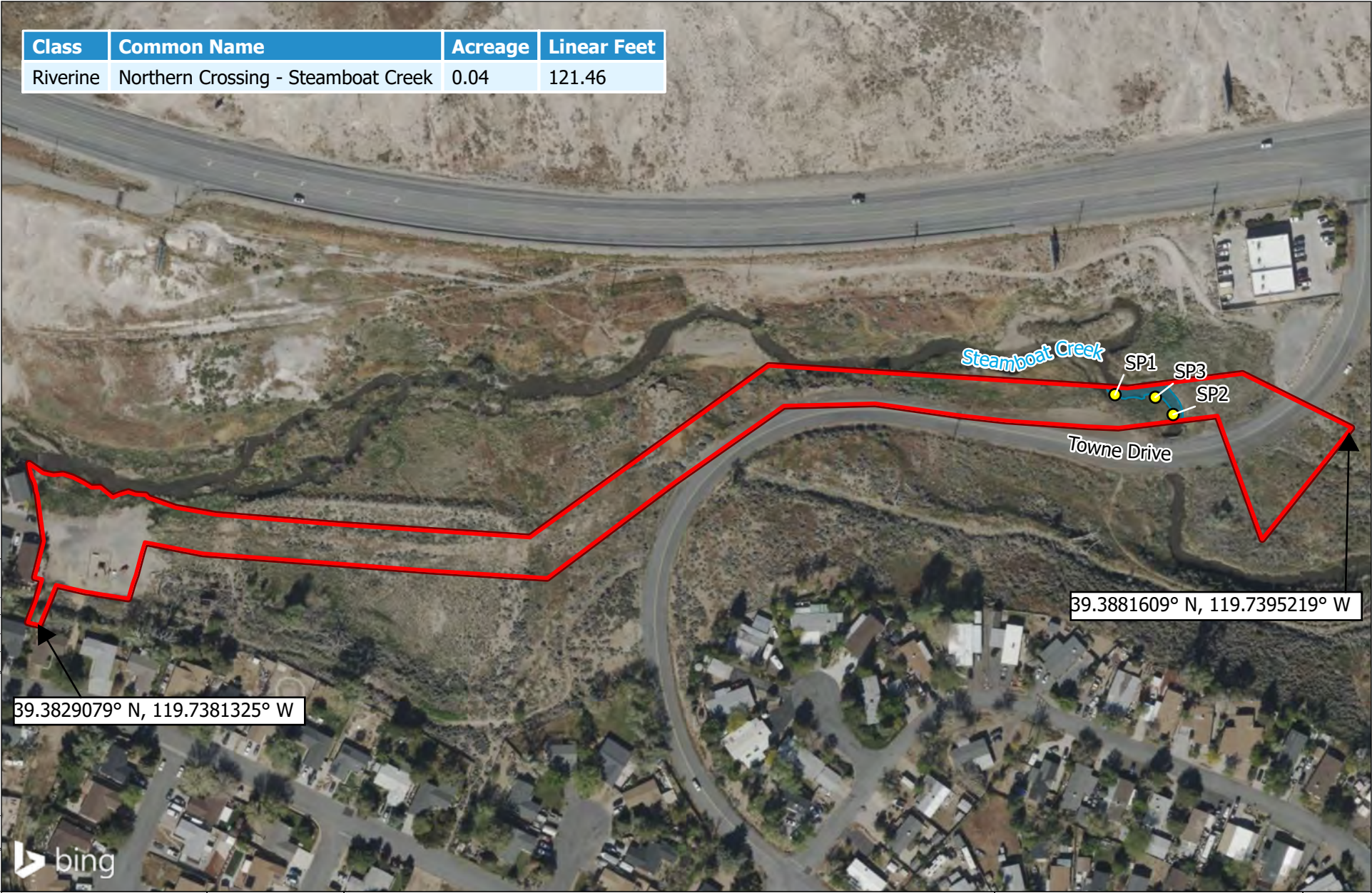
SOURCE USA Topo Maps	JOB NUMBER 1031.04.25	DRAWN I. Fox	DATE 10/29/2025	REVISED 2/23/2026	APPROVED D. Lemke
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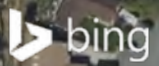


<p>Legend</p> <p> Project Area</p>		<p>Pleasant Valley Interceptor, Reach 3 - Steamboat Creek Northern Crossing</p> <p>Project Location Map</p>	<p>N</p> <p>1 in. = 300 ft.</p> <p>0 100 200 300 ft.</p>	<p>FIGURE</p> <p>3</p>	
<p>SOURCE ESRI World Imagery</p>	<p>JOB NUMBER 1031.04.25</p>	<p>DRAWN I. Fox</p>	<p>DATE 10/29/2025</p>	<p>REVISED 2/26/2026</p>	<p>APPROVED D. Lemke</p>

Class	Common Name	Acreage	Linear Feet
Riverine	Northern Crossing - Steamboat Creek	0.04	121.46



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- Legend**
- ▭ Project Area
 - ▭ Riverine
 - Sample Point



Pleasant Valley Interceptor, Reach 3 - Steamboat Creek
Northern Crossing
Aquatic Resources Delineation Map

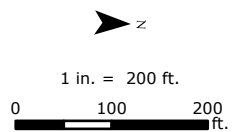
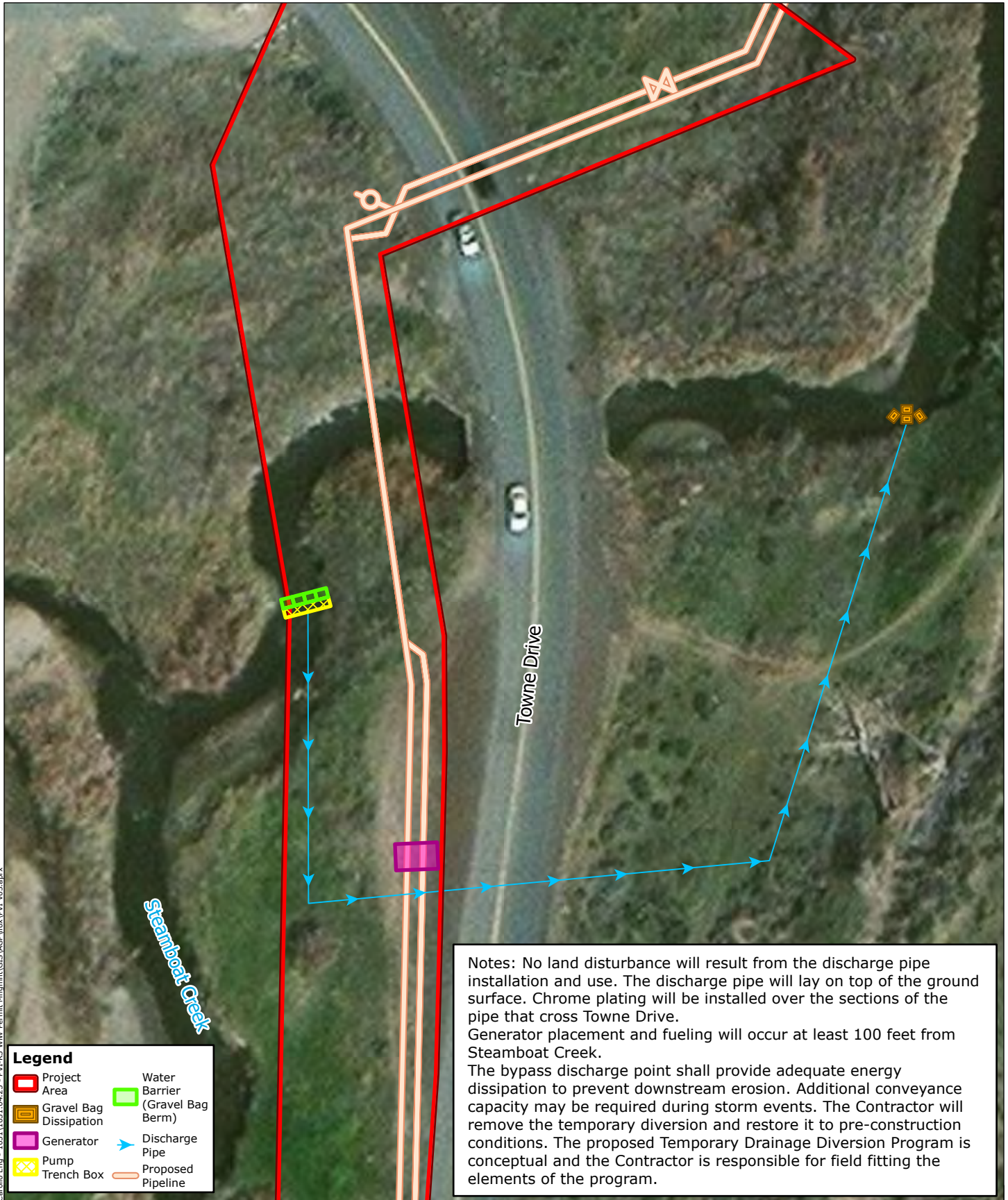


FIGURE
4

SOURCE Bing Satellite Imagery	JOB NUMBER 1031.04.25	DRAWN I. Fox, NCE	DATE 01/20/2026	REVISED 2/26/2026	APPROVED D. Lemke
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Legend	
Project Area	Water Barrier (Gravel Bag Berm)
Gravel Bag Dissipation	Discharge Pipe
Generator	Proposed Pipeline
Pump	
Trench Box	

Notes: No land disturbance will result from the discharge pipe installation and use. The discharge pipe will lay on top of the ground surface. Chrome plating will be installed over the sections of the pipe that cross Towne Drive. Generator placement and fueling will occur at least 100 feet from Steamboat Creek. The bypass discharge point shall provide adequate energy dissipation to prevent downstream erosion. Additional conveyance capacity may be required during storm events. The Contractor will remove the temporary diversion and restore it to pre-construction conditions. The proposed Temporary Drainage Diversion Program is conceptual and the Contractor is responsible for field fitting the elements of the program.



Pleasant Valley Interceptor, Reach 3 -
Steamboat Creek Northern Crossing
Temporary Drainage Diversion Program

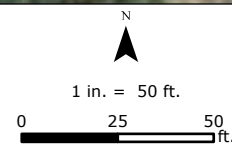


FIGURE
5

SOURCE
ESRI World Imagery

JOB NUMBER
1031.04.25

DRAWN
I. Fox

DATE
2/9/2026

REVISED
2/26/2026

APPROVED
D. Lemke



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- Legend**
- Project Area
 - Proposed Pipeline



**Pleasant Valley Interceptor, Reach 3 - Steamboat Creek
Northern Crossing
Proposed Pipeline Map**

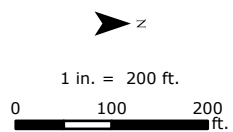


FIGURE
6

SOURCE
ESRI World Imagery

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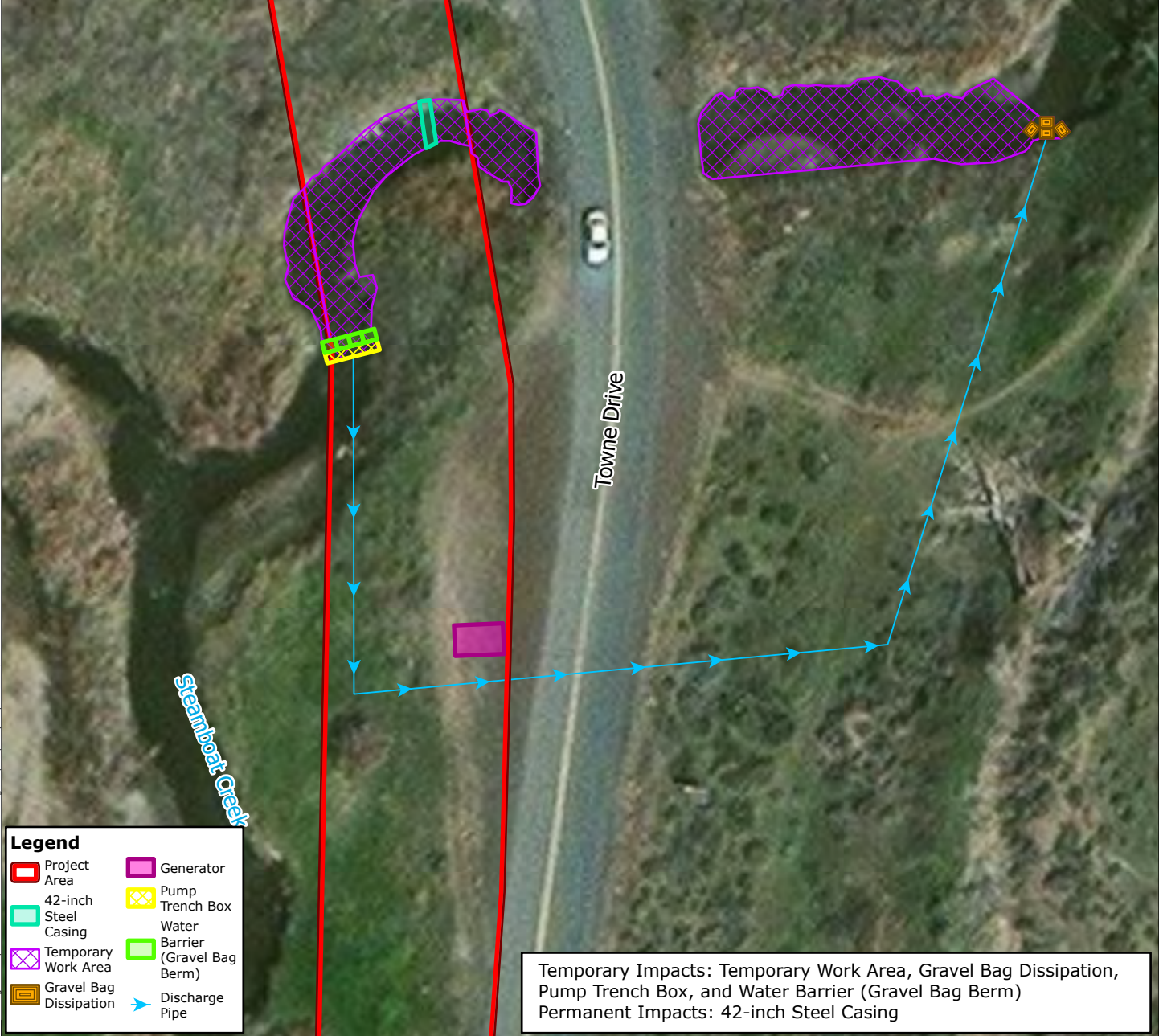
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I. Fox

DATE
2/23/2026

REVISED
2/24/2026

APPROVED
D. Lemke

Impact Type	Common Name	Impact Area (acre)	Impact Area (sq. ft.)	Impact Volume (cu. yd.)	Linear Feet
Permanent	42-inch Diameter Steel Casing	0.0012	51.40	5.26	14.76
Temporary	Temporary Drainage Diversion	0.0042	182.00	33.33	0.00
Temporary	Temporary Work Area	0.1133	4,935.01	0.00	0.00
Total Temporary	Total Temporary	0.1175	5,117.01	33.33	0.00



Legend	
	Project Area
	42-inch Steel Casing
	Temporary Work Area
	Gravel Bag Dissipation
	Generator
	Pump Trench Box
	Water Barrier (Gravel Bag Berm)
	Discharge Pipe

Temporary Impacts: Temporary Work Area, Gravel Bag Dissipation, Pump Trench Box, and Water Barrier (Gravel Bag Berm)
 Permanent Impacts: 42-inch Steel Casing



Pleasant Valley Interceptor, Reach 3 -
 Steamboat Creek Northern Crossing
 Permanent and Temporary Impacts Map

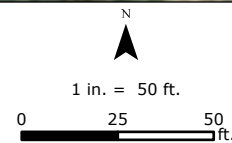


FIGURE
7

SOURCE
ESRI World Imagery

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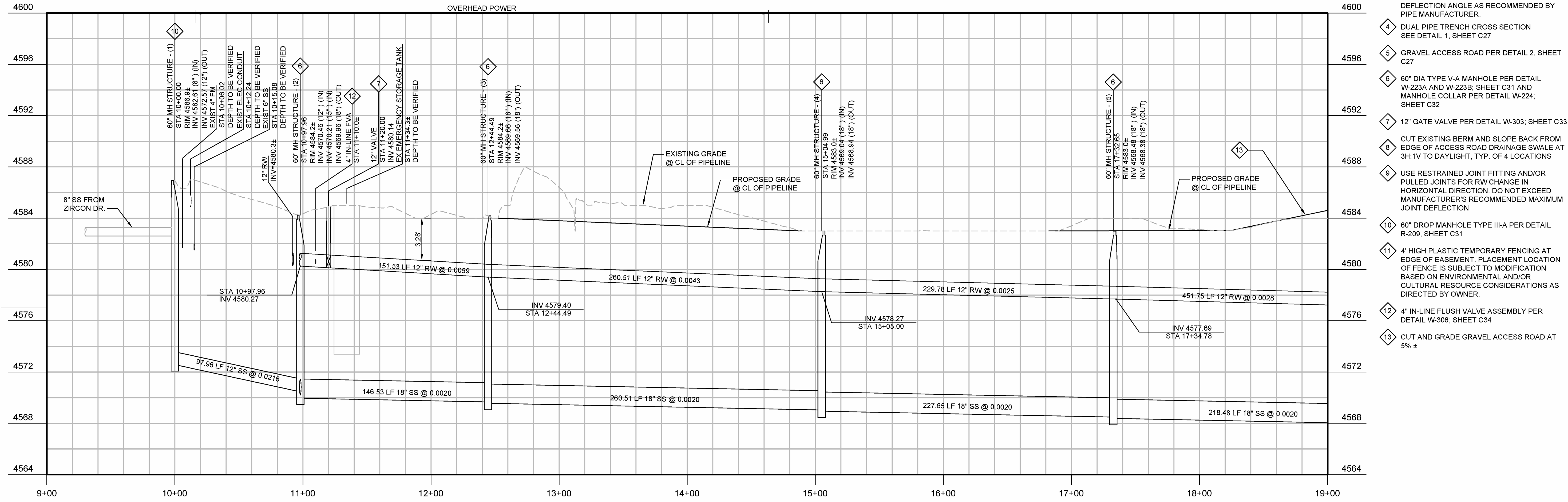
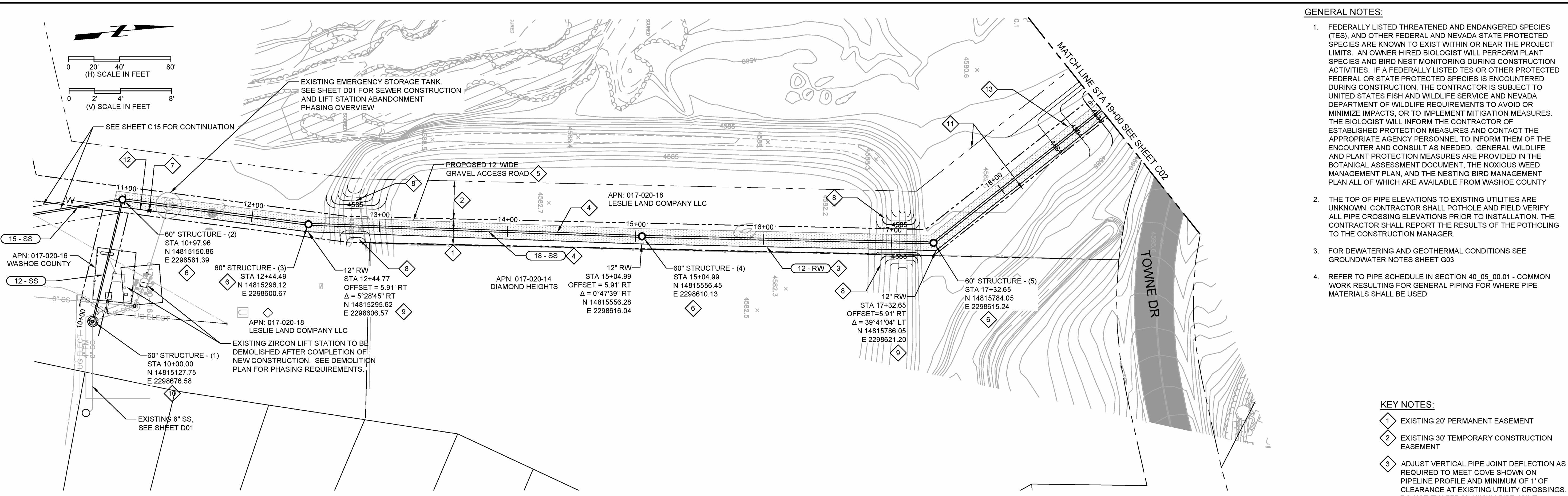
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I. Fox

DATE
2/9/2026

REVISED
2/26/2026

APPROVED
D. Lemke

1/16/2025 4:30 PM PLOT DATE: 4/29/2025 4:20 PM PAPER SIZE: ANSI FULL BLEED D (22.00 X 34.00 INCHES) PLOT SCALE: 1:1 PEN TABLE: CAROLLO STD_F_V1703.CTB
 LAST SAVED BY: aeavans
 PLOTTED BY: ALLEN LEVANS



GENERAL NOTES:

- FEDERALLY LISTED THREATENED AND ENDANGERED SPECIES (TES), AND OTHER FEDERAL AND NEVADA STATE PROTECTED SPECIES ARE KNOWN TO EXIST WITHIN OR NEAR THE PROJECT LIMITS. AN OWNER HIRED BIOLOGIST WILL PERFORM PLANT SPECIES AND BIRD NEST MONITORING DURING CONSTRUCTION ACTIVITIES. IF A FEDERALLY LISTED TES OR OTHER PROTECTED FEDERAL OR STATE PROTECTED SPECIES IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS SUBJECT TO UNITED STATES FISH AND WILDLIFE SERVICE AND NEVADA DEPARTMENT OF WILDLIFE REQUIREMENTS TO AVOID OR MINIMIZE IMPACTS, OR TO IMPLEMENT MITIGATION MEASURES. THE BIOLOGIST WILL INFORM THE CONTRACTOR OF ESTABLISHED PROTECTION MEASURES AND CONTACT THE APPROPRIATE AGENCY PERSONNEL TO INFORM THEM OF THE ENCOUNTER AND CONSULT AS NEEDED. GENERAL WILDLIFE AND PLANT PROTECTION MEASURES ARE PROVIDED IN THE BOTANICAL ASSESSMENT DOCUMENT, THE NOXIOUS WEED MANAGEMENT PLAN, AND THE NESTING BIRD MANAGEMENT PLAN ALL OF WHICH ARE AVAILABLE FROM WASHOE COUNTY.
- THE TOP OF PIPE ELEVATIONS TO EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR SHALL POTHOLE AND FIELD VERIFY ALL PIPE CROSSING ELEVATIONS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL REPORT THE RESULTS OF THE POTHOLING TO THE CONSTRUCTION MANAGER.
- FOR DEWATERING AND GEOTHERMAL CONDITIONS SEE GROUNDWATER NOTES SHEET G03
- REFER TO PIPE SCHEDULE IN SECTION 40_05_00.01 - COMMON WORK RESULTING FOR GENERAL PIPING FOR WHERE PIPE MATERIALS SHALL BE USED

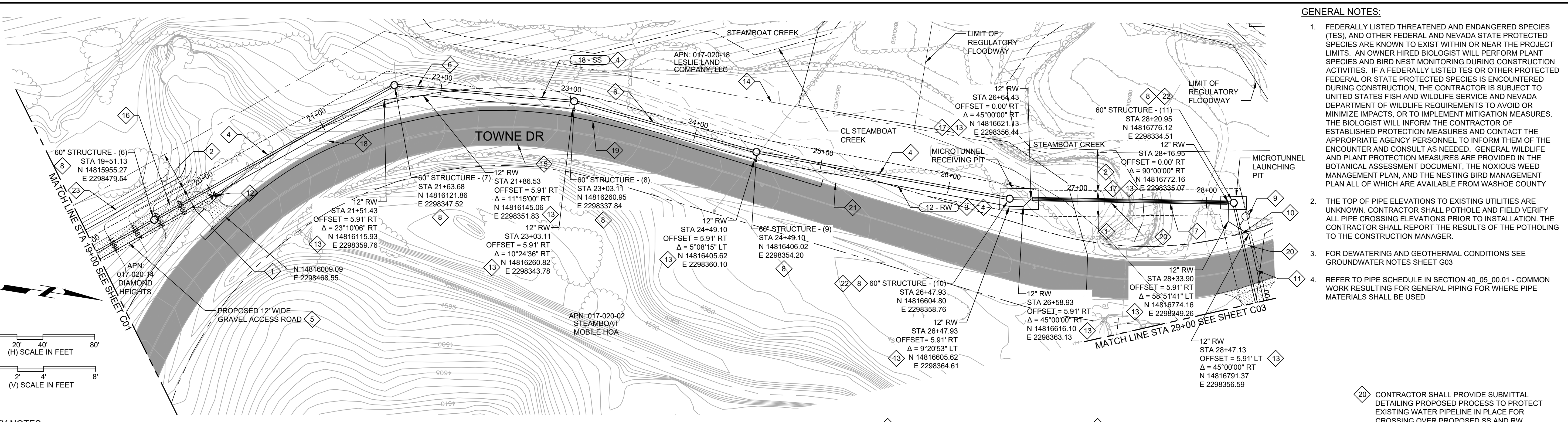
KEY NOTES:

- 1 EXISTING 20' PERMANENT EASEMENT
- 2 EXISTING 30' TEMPORARY CONSTRUCTION EASEMENT
- 3 ADJUST VERTICAL PIPE JOINT DEFLECTION AS REQUIRED TO MEET COVE SHOWN ON PIPELINE PROFILE AND MINIMUM OF 1' OF CLEARANCE AT EXISTING UTILITY CROSSINGS. DO NOT EXCEED MAXIMUM PIPE JOINT DEFLECTION ANGLE AS RECOMMENDED BY PIPE MANUFACTURER.
- 4 DUAL PIPE TRENCH CROSS SECTION SEE DETAIL 1, SHEET C27
- 5 GRAVEL ACCESS ROAD PER DETAIL 2, SHEET C27
- 6 60" DIA TYPE V-A MANHOLE PER DETAIL W-223A AND W-223B; SHEET C31 AND MANHOLE COLLAR PER DETAIL W-224; SHEET C32
- 7 12" GATE VALVE PER DETAIL W-303; SHEET C33
- 8 CUT EXISTING BERM AND SLOPE BACK FROM EDGE OF ACCESS ROAD DRAINAGE SWALE AT 3H:1V TO DAYLIGHT, TYP. OF 4 LOCATIONS
- 9 USE RESTRAINED JOINT FITTING AND/OR PULLED JOINTS FOR RW CHANGE IN HORIZONTAL DIRECTION. DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION
- 10 60" DROP MANHOLE TYPE III-A PER DETAIL R-209, SHEET C31
- 11 4' HIGH PLASTIC TEMPORARY FENCING AT EDGE OF EASEMENT. PLACEMENT LOCATION OF FENCE IS SUBJECT TO MODIFICATION BASED ON ENVIRONMENTAL AND/OR CULTURAL RESOURCE CONSIDERATIONS AS DIRECTED BY OWNER.
- 12 4" IN-LINE FLUSH VALVE ASSEMBLY PER DETAIL W-306; SHEET C34
- 13 CUT AND GRADE GRAVEL ACCESS ROAD AT 5% ±

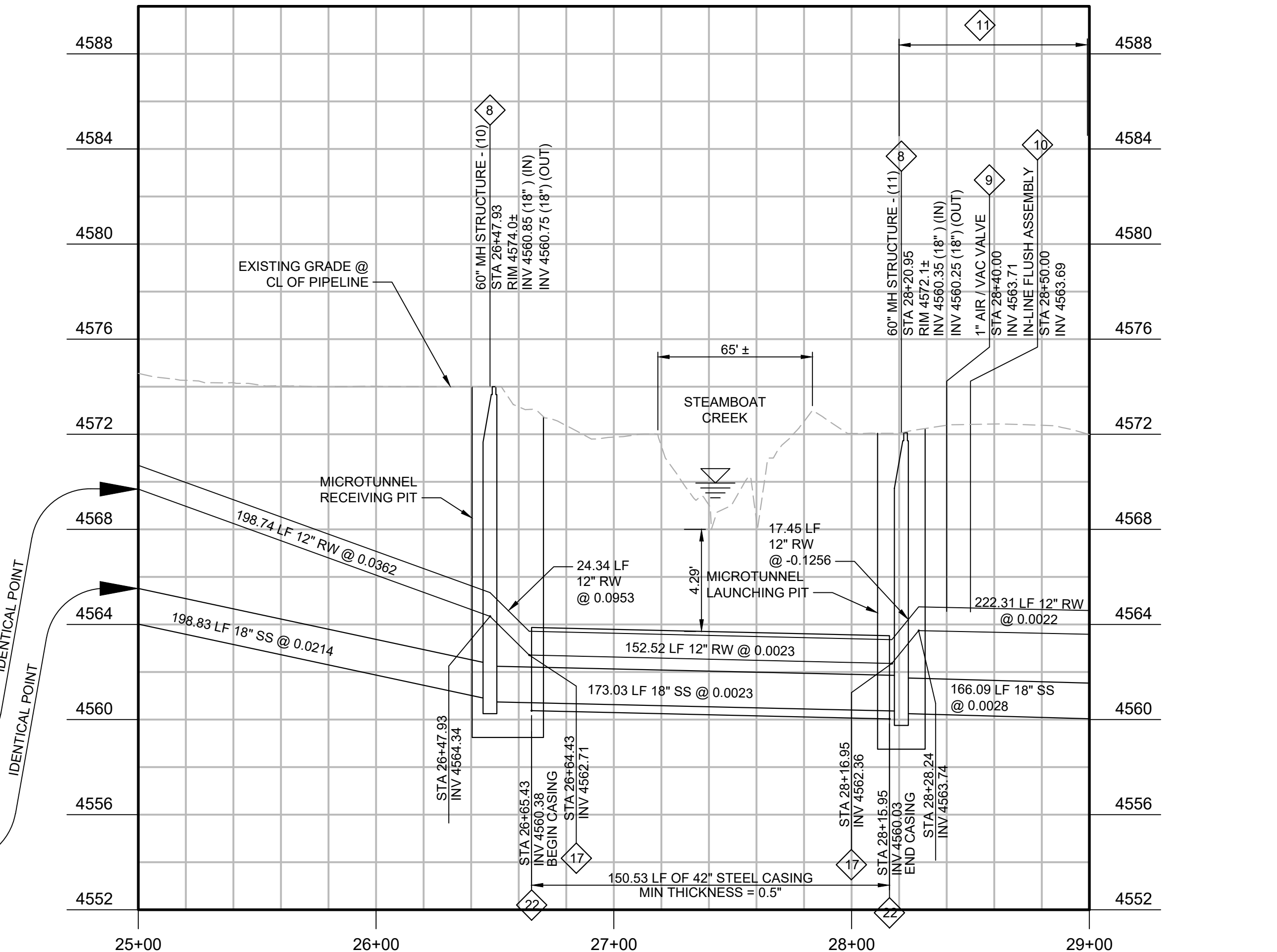
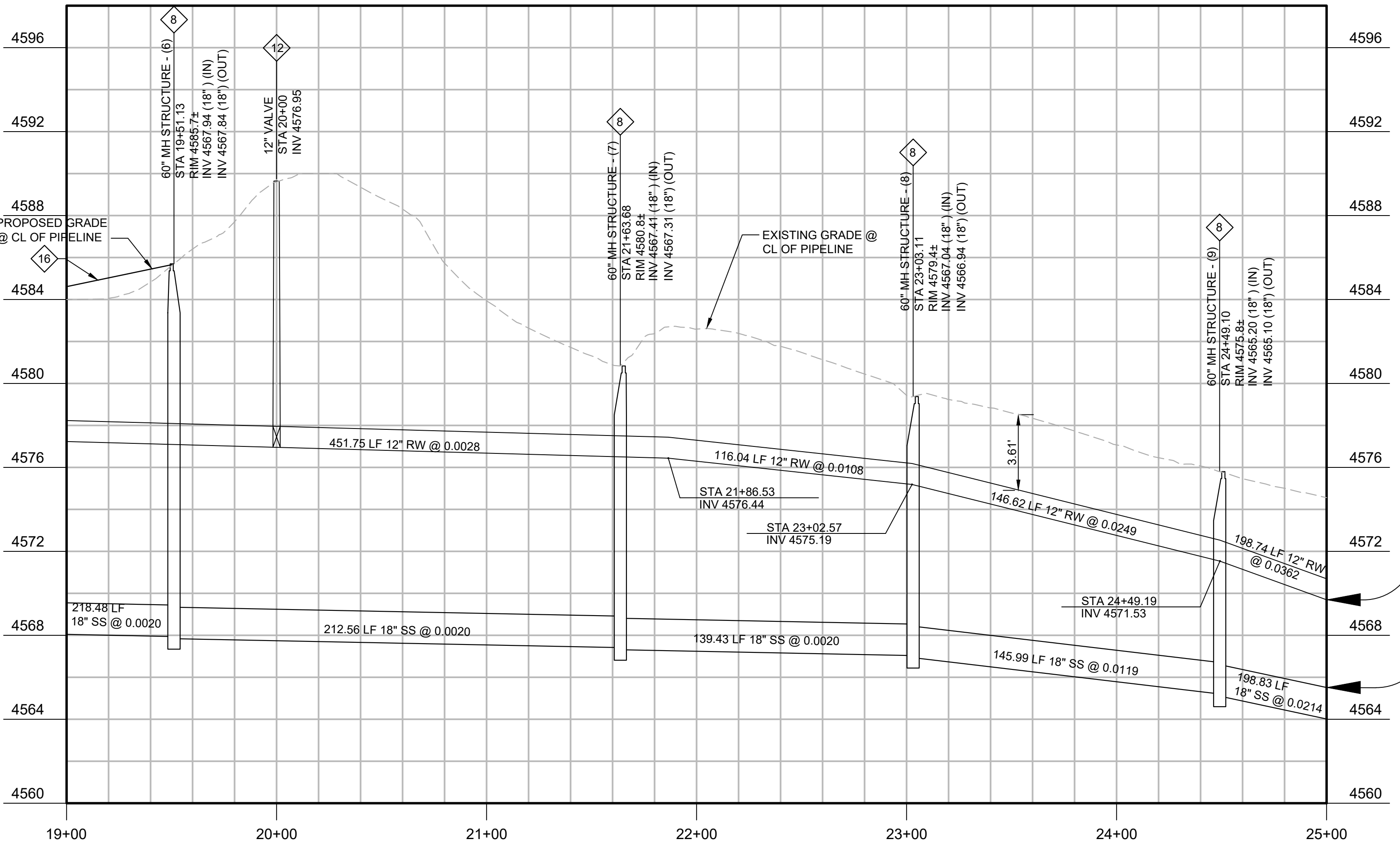
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FOR REFERENCE NOT IN GMP-1				
SCALE: AS SHOWN	DESIGNED BY: ETM	DRAWN BY: ARE	CHECKED BY: GDT	DATE: MAY 2025
PLEASANT VALLEY INTERCEPTOR REACH 3				
CIVIL				
PLAN AND PROFILE - STA 10+00 TO STA 19+00				
COMMUNITY SERVICES DEPARTMENT 1001 EAST NINTH STREET RENO, NEVADA 89520 (775) 954-4601				
COUNTY OF WASHOE				
JOB NUMBER: 10260C.10				
SHEET 9 OF 123				
C01				



4/25/2019 5:04 PM PLOT DATE: 4/29/2025 4:13 PM PAPER SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PEN TABLE: CAROLLO STD_F_V1703.CTB
 4/25/2019 5:04 PM PLOTTED BY: ALLENEVANS



- KEY NOTES:**
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 - 4 DUAL PIPE TRENCH CROSS SECTION SEE DETAIL 1, SHEET C27
 - 5 GRAVEL ACCESS ROAD PER DETAIL DETAIL 2, SHEET C27
 - 6 TRENCH ALONG STEEP EMBANKMENT FROM STA 21+75 TO STA 24+00 REQUIRES TRENCH SHORING AND TRAFFIC CONTROL.
 - 7 42" DIA MICROTUNNEL BORE WITH 12" RW AND 18" SS CARRIER PIPES, SEE DETAIL 1, SHEET C28
 - 8 60" DIA TYPE V-A MANHOLE PER DETAIL W-223A AND W-223B; SHEET C31 AND MANHOLE COLLAR PER DETAIL W-224; SHEET C32
 - 9 1" COMBINATION AIR RELEASE ASSEMBLY, PER DETAIL W-304A AND W-304B; SHEET C34
 - 10 4" INLINE FLUSH VALVE ASSEMBLY PER DETAIL W-306; SHEET C34
 - 11 RESTRAINED JOINTS FOR EACH RW AND SS PIPELINE JOINT FROM STATION 28+20 TO STATION 29+00
 - 12 12" GATE VALVE PER DETAIL W-303; SHEET C33
 - 13 USE RESTRAINED JOINT FITTING AND/OR PULLED JOINTS FOR RW CHANGE IN HORIZONTAL DIRECTION. DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION.
 - 14 4' HIGH PLASTIC TEMPORARY FENCING AT EDGE OF EASEMENT. PLACE LOCATION OF FENCE IS SUBJECT TO MODIFICATION BASED ON ENVIRONMENTAL AND/OR CULTURAL RESOURCE CONSIDERATIONS AS DIRECTED BY OWNER.
 - 15 TOWNE DRIVE IS THE ONLY ROAD IN AND OUT OF THE SUBDIVISION TO THE EAST. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION TO MAINTAIN EMERGENCY VEHICLE ACCESS 24 HOURS PER DAY, 7 DAYS A WEEK.
 - 16 CUT AND GRADE GRAVEL ACCESS ROAD AT 5% ±, PROTECT IN PLACE EXISTING FENCE GATE
 - 17 ROLL RESTRAINED JOINT HORIZONTAL BEND FITTING FOR TRANSITION FROM SIDE BY SIDE CONFIGURATION TO VERTICAL STACK CONFIGURATION ENTERING AND EXITING CASING PIPE.
 - 18 APPROXIMATE LOCATION OF STEAMBOAT SPRINGS WATER WORKS 4" PIPELINE. CONTRACTOR SHALL POTHOLE AND FIELD VERIFY TO DETERMINE EXACT LOCATION. PROTECT WATER PIPELINE IN PLACE.
 - 19 EXISTING WATER PIPELINE SHALL BE HOT TAPPED TO ALLOW FOR CONNECTION OF PROPOSED 4" W PIPRIOR TO INSTALLATION OF SS AND RW PIPELINES. NEW 4" W SHALL MATCH EXISTING WATER PIPELINE PROFILE. APPROXIMATE LOCATION PROVIDED. ONCE FIELD VERIFICATION HAS BEEN COMPLETED AND PROVIDED TO ENGINEER, EXACT STATIONING AND PIPE LENGTHS WILL BE PROVIDED.
 - 20 CONTRACTOR SHALL PROVIDE SUBMITTAL DETAILING PROPOSED PROCESS TO PROTECT EXISTING WATER PIPELINE IN PLACE FOR CROSSING OVER PROPOSED SS AND RW PIPELINES.
 - 21 ALL UTILITIES DAMAGED BY THE CONTRACTOR OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTION TO THE ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
 - 22 CLSM BACKFILL UP TO BASE OF MH
 - 23 SLOPE BASE FROM EDGE AT 3:1.



GENERAL NOTES:

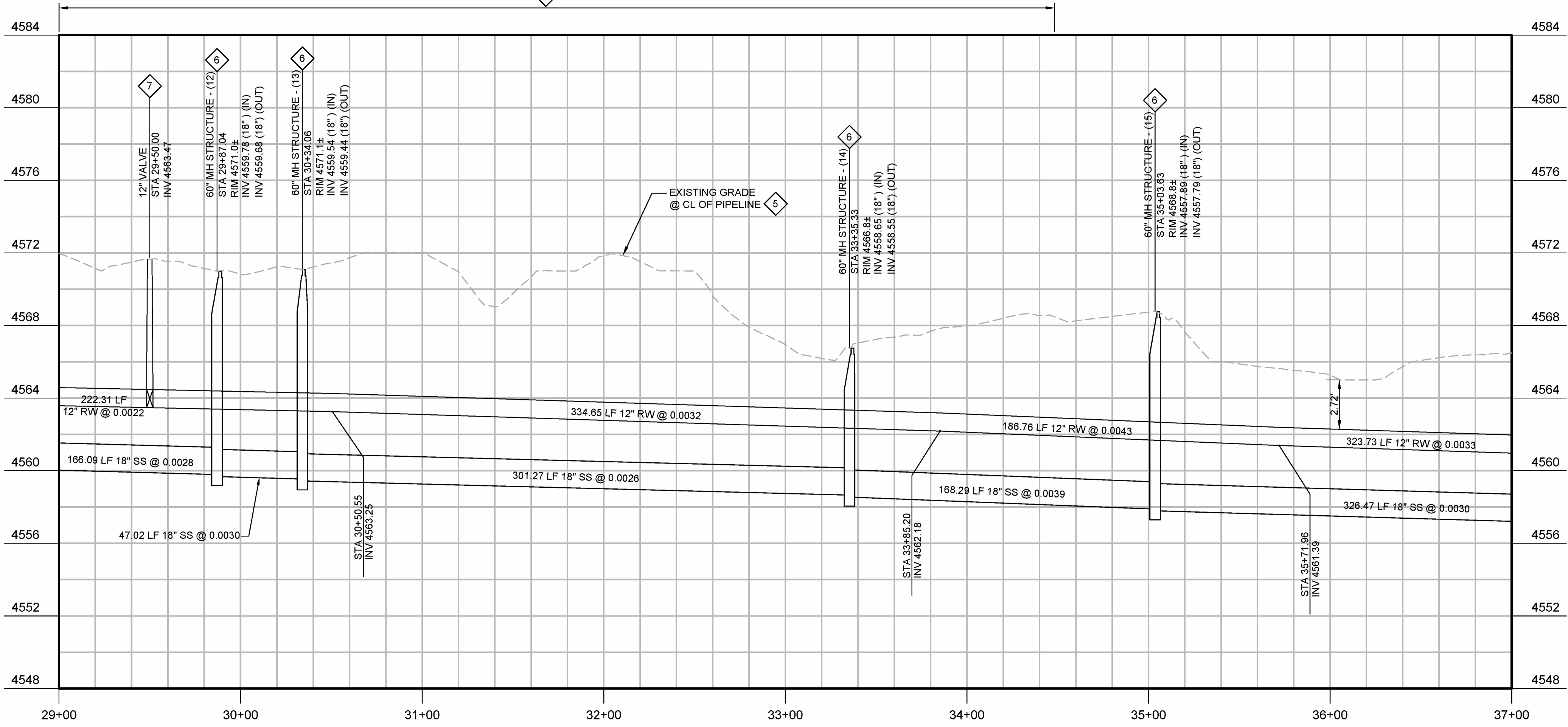
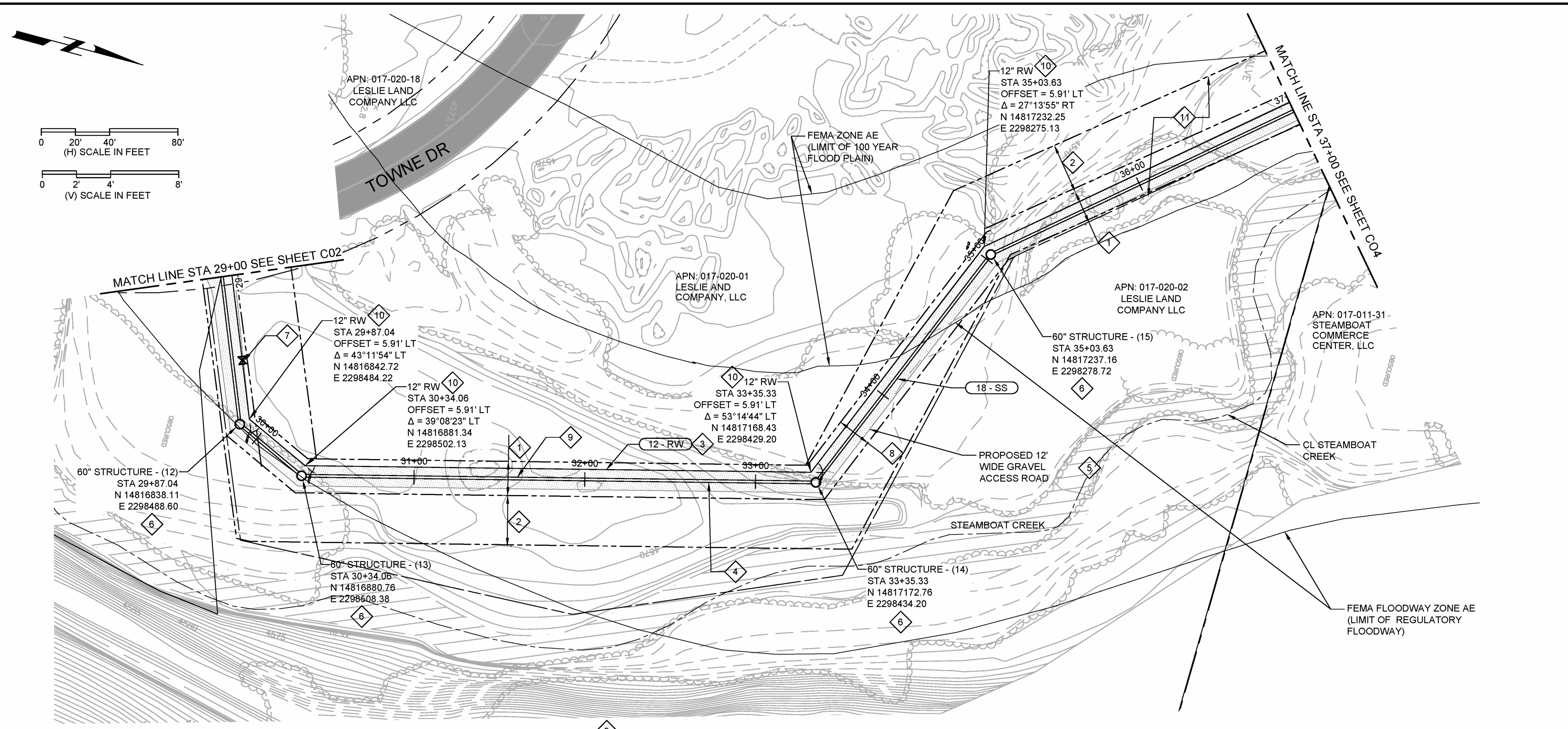
- FEDERALLY LISTED THREATENED AND ENDANGERED SPECIES (TES), AND OTHER FEDERAL AND NEVADA STATE PROTECTED SPECIES ARE KNOWN TO EXIST WITHIN OR NEAR THE PROJECT LIMITS. AN OWNER HIRED BIOLOGIST WILL PERFORM PLANT SPECIES AND BIRD NEST MONITORING DURING CONSTRUCTION ACTIVITIES. IF A FEDERALLY LISTED TES OR OTHER PROTECTED FEDERAL OR STATE PROTECTED SPECIES IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS SUBJECT TO UNITED STATES FISH AND WILDLIFE SERVICE AND NEVADA DEPARTMENT OF WILDLIFE REQUIREMENTS TO AVOID OR MINIMIZE IMPACTS, OR TO IMPLEMENT MITIGATION MEASURES. THE BIOLOGIST WILL INFORM THE CONTRACTOR OF ESTABLISHED PROTECTION MEASURES AND CONTACT THE APPROPRIATE AGENCY PERSONNEL TO INFORM THEM OF THE ENCOUNTER AND CONSULT AS NEEDED. GENERAL WILDLIFE AND PLANT PROTECTION MEASURES ARE PROVIDED IN THE BOTANICAL ASSESSMENT DOCUMENT, THE NOXIOUS WEED MANAGEMENT PLAN, AND THE NESTING BIRD MANAGEMENT PLAN ALL OF WHICH ARE AVAILABLE FROM WASHOE COUNTY
- THE TOP OF PIPE ELEVATIONS TO EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR SHALL POTHOLE AND FIELD VERIFY ALL PIPE CROSSING ELEVATIONS PRIOR TO INSTALLATION. THE CONTRACTOR SHALL REPORT THE RESULTS OF THE POTHOLING TO THE CONSTRUCTION MANAGER.
- FOR DEWATERING AND GEOTHERMAL CONDITIONS SEE GROUNDWATER NOTES SHEET G03
- REFER TO PIPE SCHEDULE IN SECTION 40.05.00.01 - COMMON WORK RESULTING FOR GENERAL PIPING FOR WHERE PIPE MATERIALS SHALL BE USED

	<p>FOR REFERENCE NOT IN GMP-1</p>						
<p>SCALE: AS SHOWN DESIGNED BY: ETM DRAWN BY: ARE CHECKED BY: GDT DATE: MAY 2025</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.#</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV.#	DATE	DESCRIPTION			
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<p>PLEASANT VALLEY INTERCEPTOR REACH 3</p>							
<p>CIVIL</p>							
<p>PLAN AND PROFILE - STA 19+00 TO STA 29+00</p>							
<p>COMMUNITY SERVICES DEPARTMENT 1001 EAST NINTH STREET RENO, NEVADA 89520 (775) 954-4601</p>	<p>COUNTY OF WASHOE</p>						
<p>JOB NUMBER: 10260C.10</p>							
<p>SHEET 10 OF 123</p>							



C02

LAST SAVED BY: aeavans 4/25/2019 5:04 PM PLOT DATE: 4/29/2023 4:29 PM PAPER SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PEN TABLE: CAROLLO STD_F_V1703.CTB PLOTTED BY: ALLEN EVANS



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 - 12" GATE VALVE PER DETAIL W-303; SHEET C33
 - PROPOSED 20' WIDE SANITARY SEWER EASEMENT
 - RESTRAINED JOINTS FOR EACH RW AND SS PIPELINE JOINT FROM STATION 29+00 TO STATION 34+50
 - USE RESTRAINED JOINT FITTING AND/OR PULLED JOINTS FOR RW CHANGE IN HORIZONTAL DIRECTION. DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION
 - 4' HIGH PLASTIC TEMPORARY FENCING AT EDGE OF EASEMENT. PLACEMENT LOCATION OF FENCE IS SUBJECT TO MODIFICATION BASED ON ENVIRONMENTAL AND/OR CULTURAL RESOURCE CONSIDERATIONS AS DIRECTED BY OWNER.

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SCALE: AS SHOWN	DESIGNED BY: ETM	DRAWN BY: ARE	CHECKED BY: GDT	DATE: MAY 2023
PLEASANT VALLEY INTERCEPTOR REACH 3				
CIVIL				
PLAN AND PROFILE - STA 29+00 TO STA 37+00				
COMMUNITY SERVICES DEPARTMENT 1001 EAST NINTH STREET RENO, NEVADA 89520 (775) 954-4601				
COUNTY OF WASHOE				
JOB NUMBER: 10260C.10				
SHEET 11 OF 123				



C03

U.S. Army Corps of Engineers South Pacific Division



Nationwide Permit Pre-Construction Notification (PCN)

This form integrates requirements of the U.S. Army Corps of Engineers (Corps) Nationwide Permit Program within the South Pacific Division (SPD). Boxes 1-10 must be completed to include all information required by General Condition 32. Box 11 (or other sufficient information to show compliance with all General Conditions) must be completed for activities in Arizona, California, Nevada, and Utah, and is recommended for activities in Colorado and New Mexico. If additional space is needed, please provide as a separate attachment. Please refer to the *Instructions for the South Pacific Division Nationwide Permit Pre-Construction Notification (PCN)* (Instructions) for instructions for completing the PCN, as well as additional information on the attachments and tables included with this PCN that may be used.

0. To be filled by the Corps

Application Number:	Date Received:	Date Complete:

1. Prospective Permittee and Agent Name and Addresses (see Instructions)

a. Prospective Permittee

First - Mr. Dwayne Middle - _____ Last - Smith
Company - Washoe County, Nevada Email Address - DESmith@washoecounty.gov
Address - 1001 E. 9th Street, Bldg. A City - Reno State - NV Zip - 89512
Phone (Residence/Mobile) - _____ Phone (Business) - (775) 328-2040

b. Agent (if applicable)

First - Ms. Debra Middle - _____ Last - Lemke
Company - NCE Email Address - dlemke@ncenet.com
Address - 300 E. 2nd Street, Suite 1210 City - Reno State - NV Zip - 89501
Phone (Residence/Mobile) - (775) 843-5603 Phone (Business) - (775) 329-4955

c. **Statement of Authorization:** I hereby authorize Debra Lemke, to act in my behalf as my agent for the proposed activity. (Optional, see instructions)

Signature of Applicant

04/08/2026

Date

2. Name and Location of the Proposed Activity (see Instructions)

The proposed work would involve multiple-single and complete projects. See attachment for the information required in Boxes 2 through 10, and 11, if applicable.

a. Project Name or Title:

PVI, Reach 3 - Steamboat Creek Northern Crossing Project

b. County, State:

Washoe County, Nevada

c. Name of Waterbody: Steamboat Creek

d. Coordinates:

Unknown (please provide other location descriptions below)

Latitude - 39.3874169

Longitude - 119.739403

e. Other Location Description (optional, see instructions):

The approximate 3.28-acre project area is located on Assessor's Parcel Numbers (APN): 017-020-01, 017-020-02, 017-020-18, 017-301-30, 017-550-10, and 017-550-11. The project area is situated between the U.S. Route 395 to the west and a residential community to the east. Commercial businesses in the vicinity include Steamboat Hot Springs Healing Center and Spa, Eastern Sierra Engineering, and a geothermal power plant west of the U.S. Route 395. The project area is in Section 33, Township 18 North, Range 20 East of the United States Geological Survey (USGS) 7.5-minute series topographic Steamboat, Nevada, quadrangle map (Appendix A, Figure 2).

f. Driving Directions to the site (optional, see instructions):

To access the project area from downtown Reno, Nevada, follow the U.S. Route 395 south towards Carson City, Nevada. Then turn left on Towne Drive to arrive at the project area.

3. Specific NWP(s) you want to use to authorize the proposed activity (see Instructions)

NWP 58 - Utility Line Activities for Water and Other Substances

4. Description of the Proposed Activity (see Instructions)

a. Complete description of the Proposed Activity:

Washoe County is proposing to install two new utility lines within a 42-inch diameter steel casing. The two new utility lines will have diameters of 12 and 18 inches. The 12-inch pipe will be for reclaimed water and the 18-inch pipe will be for sanitary sewer. The area will require open trenching of Steamboat Creek and will therefore require NWP 58. When the open trenching commences, the Contractor will have to dewater, or divert, the Steamboat Creek from the area to a location further downstream.

b. Purpose of the Proposed Activity:

The purpose of the proposed activities is to install two new pipelines for increased utilities purposes.

c. Direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands and other waters of the U.S. expected to result from the NWP(s) activity:

Regarding NWP 58, the project will result in approximately 0.0012 acres (51.4 sq. ft.) of permanent impacts to aquatic resources. Details of the permanent impacts are shown in Table 1, and are depicted in Appendix A, Figure 7.

d. Description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity:

Steamboat Creek will be temporarily diverted around the impact area.

e. Any other NWP(s), Regional/Programmatic General Permit(s) or Individual Permit(s) used or intended to be used to authorize any part of the proposed activity or any related activity:

No.

f. Have sketches been provided containing sufficient detail to provide an illustrative description of the proposed activity?

Yes, Attached No

N/A; The activity is located in the Los Angeles District boundaries of Arizona and California, See Attachment 1

N/A, The activity is located in the San Francisco District boundaries of California, See Attachment 2

N/A, The activity is located in the Sacramento District boundaries of California, Nevada, or Utah, See Attachment 3

5. Aquatic Resource Delineation (see Instructions)

a. Has a delineation of aquatic resources been conducted in accordance with the current method required by the Corps? Yes No

If yes, please attach a copy of the delineation

Note: If no, your PCN is not complete. In accordance with General Condition 32, you may request the Corps delineate the special aquatic sites and other waters on the project site, but there may be a delay. In addition, the PCN will not be considered complete until the delineation has either been submitted to or completed by the Corps, as appropriate.

b. If a delineation has been submitted, would you like the Corps to conduct a jurisdictional determination (preliminary or approved)? Yes No

If yes, please complete, sign and return the attached *Appendix 1 – Request for Corps Jurisdictional Determination (JD)* sheet or provide a separate attachment with the information identified in Appendix 1.

6. Compensatory Mitigation (see Instructions)

a. Will the proposed activity result in the loss of greater than 1/10-acre of wetlands? Yes No

If yes, describe how you propose to compensate for the loss of each type of wetland:

Note: for the loss of less than 1/10 acre of wetlands, or if no compensatory mitigation is proposed, the Corps may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

b. Will the proposed activity result in the loss of streams or other open waters of the U.S.? Yes No

If yes, provide a description of any proposed compensatory mitigation for the loss of each type of stream or other open water:

The project will result in 0.0012 acres of permanent impacts to aquatic resources. Details of the permanent impacts are shown in Table 1, and are depicted in Appendix A, Figure 7.

Note: if no compensatory mitigation is proposed, the Corps may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in no more than minimal adverse environmental effects.

7. Endangered Species Act (ESA) Compliance (see Instructions)

a. For non-Federal permittees (if Federal permittee, check N/A and skip to 7(d)): N/A

(1) Is there any Federally-listed endangered or threatened species or critical habitat that might be affected or is in the vicinity of the activity? Yes No

(2) Is the activity located in designated critical habitat for Federally-listed endangered or threatened species? Yes No

If yes to either (1) or (2), include the name(s) of those endangered or threatened species that might be affected by the proposed activity or might utilize the designated critical habitat that might be affected by the proposed activity:

1. Steamboat buckwheat

2.

3.

4.

5.

6.

If no to both (1) and (2), proceed to Box 8.

Note: If yes to either (1) or (2), note per General Condition 18(c), you shall not begin work on the activity until notified by the Corps that the requirements of the ESA have been satisfied and that the activity is authorized.

b. Has information sufficient to initiate consultation with the U.S. Fish and Wildlife Service/National Marine Fisheries Service for compliance with Section 7 of the ESA been prepared? Yes No

If yes, please attach a copy of the information.

c. Additional information you wish to provide regarding compliance with the ESA, if applicable:

Appendix C provides the Biological Resources Report.

d. For Federal permittees, you must provide documentation demonstrating compliance with ESA as a separate attachment.

8. Historic Properties (see Instructions)

a. For non-Federal permittees (if Federal permittee, check N/A and skip to 7(d)): N/A

(1) Is there a known historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places that the NWP may have the potential to affect? Yes No

If yes to (1), state which historic property may have the potential to be affected by the proposed activity:

- | | |
|----|----|
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |

OR

A vicinity map indicating the location of the historic property is enclosed

(2) If no to (1), describe the potential for the proposed work to affect a previously unidentified historic property:

The proposed project would adversely affect two eligible archaeological resources and will require mitigation. A MOA was developed for the project.

Note: If yes to (1), note per General Condition 20(c), you shall not begin the activity until notified by the Corps that the activity has no potential to cause effects or that consultation under Section 106 of the National Historic Preservation Act (NHPA) has been completed.

b. Has information sufficient to initiate consultation with the State Historic Preservation Officer/Tribal Preservation Officer for compliance with Section 106 of the National Historic Preservation Act (NHPA) been prepared?

Yes No

If yes, please attach a copy of the information.

c. Additional information you wish to provide regarding compliance with the NHPA, if applicable:

Appendix D provides the Cultural Resources Report, Addendum, and MOA.

d. For Federal permittees, you must provide documentation demonstrating compliance with NHPA in a separate attachment.

9. National Wild and Scenic Rivers (see Instructions)

a. Will the proposed activity(s) occur in a component of the National Wild and Scenic River System or a river officially designated by Congress as a "Study River" for possible inclusion in the system while the river is in an official study status?

Yes, in a component of a National Wild and Scenic River System; Yes, in a "study" river No

If yes, identify the Wild and Scenic River or the "study river"

Note: per General Condition 16(b), you shall not begin the NWP activity until notified by the Corps that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status. If you have received written notification from the Federal agency, please attach the correspondence.

10. Section 408 Permissions (see Instructions)

a. Will the NWP also require permissions from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a Corps federally authorized Civil Works project? Yes No

If yes, have you received Section 408 permission to alter, occupy, or use the Corps project? Yes No

If yes, please attach the Section 408 permission

If yes, note per General Condition 31, an activity that requires Section 408 permission is not authorized by NWP until the Corps issues the Section 408 permission to alter, occupy, or use the Corps project, and the Corps issues a written NWP verification.

11. Compliance with NWP General Conditions (see Instructions)

Check	General Condition	Rationale for Compliance with General Condition
<input checked="" type="checkbox"/>	1. Navigation	There is no alteration to navigation patterns as a result of this project.
<input checked="" type="checkbox"/>	2. Aquatic Life Movements	Project activities will not have substantial impacts on aquatic life movements.
<input checked="" type="checkbox"/>	3. Spawning Areas	The project is not located in a spawning area.
<input checked="" type="checkbox"/>	4. Migratory Bird Breeding Areas	Project activities that could result in nesting migratory bird and raptor take will be conducted outside the migratory bird and raptor nesting season (February 15th through September 15th). If vegetation must be removed during the avian breeding season, then pre-construction avian surveys will be completed no more than 15 days prior to the initiation of activities.
<input checked="" type="checkbox"/>	5. Shellfish Beds	There are no shellfish beds within the project impact area.
<input checked="" type="checkbox"/>	6. Suitable Material	All construction materials are suitable and appropriate for the project.

<input checked="" type="checkbox"/>	7. Water Supply Intakes	No work is occurring near a public water supply intake.
<input checked="" type="checkbox"/>	8. Adverse Effects from Impoundments	There will be no impoundments of water.
<input checked="" type="checkbox"/>	9. Management of Water Flows	Understood.
<input checked="" type="checkbox"/>	10. Fills Within 100-Year Floodplains	The project will comply with FEMA and local floodplain management regulations.
<input checked="" type="checkbox"/>	11. Equipment	BMPs will be in place to minimize disturbance to soil from equipment.
<input checked="" type="checkbox"/>	12. Soil Erosion and Sediment Controls	Temporary BMPs will be in place during construction to prevent against soil erosion and sediment transport.

<input checked="" type="checkbox"/>	13. Removal of Temporary Fills	Temporary BMPs will be in place for the proper removal of the temporary fill used, if any is used.
<input checked="" type="checkbox"/>	14. Proper Maintenance	The project will be maintained on a regular basis by Washoe County.
<input checked="" type="checkbox"/>	15. Single and Complete Project	This NWP has been prepared for a single and complete project.
<input checked="" type="checkbox"/>	16. Wild and Scenic Rivers	The activity does not take place within a Wild and Scenic River.
<input checked="" type="checkbox"/>	17. Tribal Rights	The project does not interfere with established Tribal rights.
<input checked="" type="checkbox"/>	18. Endangered Species	See Box 7 above.
<input checked="" type="checkbox"/>	19. Migratory Bird and Bald and Golden Eagle Permits	The project is not anticipated to effect migratory birds during the avian breeding season (February through September). If vegetation must be removed during the avian breeding season, then pre-construction avian surveys will be completed no more than 14 days prior to the initiation of activities. A 'take' permit will not be required from the USFWS.

<input checked="" type="checkbox"/>	20. Historic Properties	See Box 8 above.
<input checked="" type="checkbox"/>	21. Discovery of Previously Unknown Remains and Artifacts	The applicant will notify the district engineer should artifacts be discovered on-site during construction.
<input checked="" type="checkbox"/>	22. Designated Critical Resource Waters	There are no designated critical resource waters associated with the project.
<input checked="" type="checkbox"/>	23. Mitigation	See Boxes 4(d) and 6 above.
<input checked="" type="checkbox"/>	24. Safety of Impoundment Structures	There are no impoundment structures associated with the project.
<input checked="" type="checkbox"/>	25. Water Quality, including status of Section 401 Water Quality Certification	The project is applying for a Water Quality Certification under Section 401 of the Clean Water Act. This application is attached as Appendix G.
<input checked="" type="checkbox"/>	26. Coastal Zone Management, including status of CZM Consistency Certification from the State of California (for projects in or affecting the Coastal Zone)	The project is not located in a Coastal Zone Management area.

<input checked="" type="checkbox"/>	27. Regional and Case-by-Case Conditions	The project complies with all Regional regulations applicable to the project.
<input checked="" type="checkbox"/>	28. Use of Multiple Nationwide Permits	No.
<input checked="" type="checkbox"/>	29. Transfer of Nationwide Permit Verifications	The applicant does not intend to transfer the NWP.
<input checked="" type="checkbox"/>	30. Compliance Certification	A signed certification documenting the completion of the authorized work will be provided to the USACE.
<input checked="" type="checkbox"/>	31. Activities Affecting Structures or Works Built by the United States	See Box 10 above.
<input checked="" type="checkbox"/>	32. Pre-Construction Notification	The PCN submittal is complete.



Attachment 3: Additional PCN Requirements for Sacramento District Boundaries of California, Nevada, and Utah

This attachment contains additional information required to be submitted with the PCN for proposed activities within the Sacramento District Boundaries of California, Nevada, and Utah. You must submit the completed attachment, or other attachment containing the required information, for a complete PCN per Sacramento District Regional Condition B(1). For multiple single and complete projects, provide the information identified below for each single and complete project. If additional space is needed, provide as an attachment to the form, and please reference each section accordingly.

1. Form of PCN (Regional Condition B(1))

Have you submitted a completed South Pacific Division PCN Checklist or an application form (ENG Form 4345) with an attachment providing information on compliance with all of the General and Regional Conditions?

Yes, see attached No

Note: If you check no, your PCN will be considered incomplete.

2. Avoidance and Minimization (Regional Condition B(1)(a))

Written statement describing how the activity has been designed to avoid and minimize adverse effects, both temporary and permanent, to waters of the U.S.:

The project was designed so that the impacts to waters of the United States are as minimal as possible. Best management practices (BMPs) will be implemented prior to construction to prevent against soil erosion and sediment transport. BMP inspections will occur and will be maintained per the manufacture's specifications.

3. Drawings (Regional Condition B(1)(b))

The following drawings are enclosed:

Plan-View drawing clearly depicting the location, size and dimensions of the proposed activity, as well as the location of delineated waters of the U.S. on the site

Cross-Section view drawings clearly depicting the location, size and dimensions of the proposed activity, as well as the location of delineated waters of the U.S. on the Site

The plan-view and cross-section view drawings contain the following

Title block: Yes No

Legend and scale: Yes No

Amount (in cubic yards) of fill in Corps jurisdiction (including permanent and temporary fills/structures): Yes No

Area (in acres) of fill in Corps jurisdiction (including permanent and temporary fill structures): Yes No

The ordinary high water mark (non-tidal waters) or mean high water mark and high tide line (tidal waters) shown in feet based on National Geodetic Vertical Datum (NGVD) or other appropriate reference elevation: Yes No

Do all drawings follow the South Pacific Division February 2016, *Updated Map and Drawing Standards for the South Pacific Division Regulatory Program*, or most recent update? Yes No

If no, describe why this requirement is proposed to be waived):

The plan set was produced by Carollo and NCE is unable to add this information to Carollo's plan set. Appendix A, Figures 4 and 7 contain the delineated WOUS, the amount of fill in cubic yards and acres of permanent and temporary impacts. The OWHM is provided in Appendix A, Figure 4.

4. Photographs (Regional Condition B(1)(c))

Have you enclosed numbered and dated pre-project color photographs showing a representative sample of waters proposed to be impacted on the site, and all waters of the U.S. proposed to be avoided on and immediately adjacent to the project site?

Yes No N/A (describe why): Photos are located in the Aquatic Resources Delineation (ARD) Report in Appendix B, and the photos are in the ARD Report's Appendix B.

Is the compass angle and position of each photograph identified on the plan-view drawing(s) identified in Box 3?

Yes No N/A (describe why): The direction of the photos are provided in Aquatic Resources Delineation Report in Appendix B, and the photos are in the ARD's Report's Appendix B.

5. Delineation of Aquatic Resource (Regional Condition B(1)(d))

Have you enclosed a delineation of aquatic resources completed in accordance with the Sacramento District's Minimum Standards for Acceptance of Aquatic Resources Delineation Reports, or updated standards adopted by the Sacramento District?

Yes No N/A

If no, describe why this requirement is proposed to be waived:

Appendix B contains the Aquatic Resources Delineation Report.

6. Best Management Practices (BMPs) (Regional Condition B(1)(e))

Describe all proposed BMPs and highly visible markers proposed to be used during construction of the proposed activity, as required by Regional Conditions C(3) and C(4). If no BMPs and/or highly visible markers are proposed, describe why their use is not practicable or necessary:

Best management practices (BMPs) will be implemented prior to construction and maintained during construction. These BMPs consist of fiber rolls, and a street sweeper and water truck for dust control as needed. In addition, planning BMPs such as scheduling, phased construction, and employee training and general housekeeping BMPs such as vehicle and equipment maintenance and fueling, and sanitary/septic waste management will be incorporated into construction practices. The disturbed landscape areas will be replaced, if necessary, once geotechnical boring activities are complete.

7. Temporary Access and Construction (Regional Condition B(1)(f))

The proposed activity would not result in the placement of dredged or fill material into waters of the U.S. for temporary access and construction. (Skip to Box 8)

a. The reasons why avoidance of temporary fill in waters of the U.S. is not practicable:

b. Description of the proposed temporary fill, including the type and amount (in cubic yards) of material to be placed and length of time temporary fill is estimated to remain in place:

c. The area (in acres) of waters of the U.S. and for drainages (e.g. natural or relocated streams, creeks, rivers), the length (in linear feet) where the temporary fill is proposed to be placed:

d. Proposed plan for restoration of the temporary fill area to pre-project contours and conditions, including a plan for the re-vegetation of the temporary fill area, if vegetation would be removed or destroyed by the proposed temporary fill (If a separate plan has been developed, reference and attach):

8. Dewatering Activities (Regional Condition B(1)(g))

The proposed activity would not result in dewatering activities that propose structures or fill in waters of the U.S. that require authorization from the Corps. (skip to Box 9)

Note that any temporary fills in waters of the U.S. associated with dewatering activities must be discussed in Box 7.

a. The proposed method for dewatering (If a separate plan has been developed, reference and attach):

It is being proposed that the dewatering of Steamboat Creek will occur via the damming and pumping of water from an upstream location of Steamboat Creek to a downstream location. The Temporary Drainage Diversion Plan can be found in Appendix F.

b. The equipment that would be used to conduct dewatering activities (If a separate plan has been developed, reference and attach):

It is anticipated that gravel bags will be used to dam Steamboat Creek. Additionally, pumps will be installed in front of the dam which will transport the water along a pipeline that crosses Towne Drive back into Steamboat Creek. Again gravel bags will be used as an energy dissipation mechanism to mitigate erosion. It should be noted that steel plating will be placed on the pipping that crosses Towne Drive.

c. The length of time the area is proposed to be dewatered (If a separate plan has been developed, reference and attach):

It is anticipated that the area will be dewatered for 10 days.

d. The area (in acres) and length (in linear feet) in waters of the U.S. of the structure and/or fill (If a separate plan has been developed, reference and attach):

The area to be temporarily impacted/dewatered is 0.1175 acres, while the area to be permanently impacted by the installation of the proposed sanitary sewer and reclaimed water lines is approximately 0.0012 acres with 14.76 linear feet of impacts.

e. The method for removal of the structures and/or fill (If a separate plan has been developed, reference and attach):

An open trench will be used to install the subterranean utility lines. The anticipated equipment used for open trenching will include: two large excavators, four haul trucks for onsite trucking and offhaul/backhaul, one large dirt roller, and two large loaders.

f. The method for restoration of the waters of the U.S. affected by the structure or fill following construction (If a separate plan has been developed, reference and attach):

Steamboat Creek banks will be restored to pre-construction contours once the utility lines are installed.

9. New or Replacement Linear Transportation Crossings (Regional Condition B(1)(h))

The proposed activity would not result in the construction of a linear transportation crossing. (skip to Box 11)

The proposed linear transportation crossing would not alter the pre-construction course, condition, capacity and location of open waters. Information to support this can be found in the South Pacific Division PCN form, attachments, and drawings. (Skip to Box 10)

Justification that the proposed activity would result in a net increase in aquatic resource functions and services:

10. Replacement Linear Transportation Crossings (Regional Condition B(1)(i))

The proposed activity would not result in the construction of a replacement linear transportation crossing. (skip to Box 11)

The proposed replacement linear transportation crossing would not result in a reduction in the pre-construction bankfull width and depth of open waters of the U.S. at the crossing, as compared to the upstream and downstream open waters. Information to support this can be found in the South Pacific Division PCN form, attachments, and drawings. (Skip to Box 11)

a. Information on why it is not practicable to approximate the pre-construction bankfull width of the upstream and downstream open waters:

b. Justification that the proposed reduction in the pre-construction bankfull width would result in a net increase in aquatic resource functions and services:

11. Waiver of linear foot limitations (Regional Condition B(1)(j))

(for NWPs 13, 21, 29, 39, 40, 42, 43, 44, 50, 51, 52, and 54)

The proposed activity would not require a waiver of the linear foot limitations for NWPs 13, 21, 29, 39, 40, 42, 43, 44, 50, 51, 52, or 54. (skip to Box 12)

a. A narrative description of the stream (including known information on: volume and duration of flow; the approximate length, width, and depth of the waterbody and characteristics observed associated with an Ordinary High Water Mark (e.g. bed and bank, wrack line or scour marks); a description of the adjacent vegetation community and a statement regarding the wetland status of the adjacent areas (i.e. wetland, non-wetland); surrounding land use; water quality; issues related to cumulative impacts in the watershed, and; any other relevant information):

b. Analysis of the proposed impacts to the waterbody, in accordance with General Condition 32 and Regional Condition B(1):

c. Measures taken to avoid and minimize losses to waters of the U.S., including other methods of constructing the proposed activity(s):

d. A compensatory mitigation plan describing how the unavoidable losses are proposed to be offset, in accordance with 33 CFR 332:

12. NWP 23 Activities (Regional Condition B(1)(k))

The activity is not proposed under NWP 23. (skip to Box 13)

The following are enclosed:

- A copy of the signed Categorical Exclusion Document.
- A copy of the final agency determination for compliance with Section 7 of the Endangered Species Act, in accordance with General Condition 18.
- A copy of the final agency determination for compliance with Section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act, in accordance with Regional Condition B(12)
- A copy of the final agency determination for compliance with Section 106 of the National Historic Preservation Act, in accordance with General Condition 20.

13. NWP 27 Activities (Regional Condition B(1)(l))

The activity is not proposed under NWP 27. (skip to Box 14)

Justification that the proposed activity would result in a net increase in aquatic resource functions and services:

14. NWP 29 or 39 Activities (Regional Condition B(1)(m))

The activity is not proposed under NWP 29 or 39. (skip to Box 15)

The activity is proposed under NWP 29 or 39, but does not propose channelization or relocation of perennial or intermittent drainages. (skip to Box 15)

Justification that the proposed activity would result in a net increase in aquatic resource functions and services:

15. Construction Activities in Standing or Flowing Waters (Regional Condition B(1)(n))

The activity does not propose construction in standing or flowing waters, as construction would occur when the area is naturally dewatered. (skip to Box 16)

The activity does not propose construction in standing or flowing waters, as the area would be dewatered as identified in Box 8. (skip to Box 16)

Information on why it is not practicable to conduct construction activities when the area is dewatered naturally or through an approved dewatering plan:

An approved dewatering plan will be used.

16. New Bank Stabilization Activities (Regional Condition B(1)(o))

The activity does not propose the construction of new bank stabilization. (Skip to Box 17)

The proposed new bank stabilization would involve the sole use of native vegetation or other bioengineered design techniques. Information to support this can be found in the South Pacific Division PCN form, attachments, and drawings. (Skip to Box 17)

Information on why the sole use of vegetated techniques to accomplish the bank stabilization activity is not practicable:

17. Critical Habitat for Federally-listed Threatened and/or Endangered Fish Species (Regional Condition B(1)(p))

N/A. The proposed activity is located in Nevada (including the Lake Tahoe Basin in California) or Utah. (skip to Regional Condition list for the appropriate state)

The proposed activity is located in California (excluding the Lake Tahoe Basin), but is not located in critical habitat for Federally-listed threatened and/or endangered fish species. Information to support this can be found in the South Pacific Division PCN form, attachments, and drawings. (skip to Regional Condition list for California)

The proposed activity is located in critical habitat for Federally-listed threatened and/or endangered fish species, but would not result in a reduction or alteration in the quality and availability of the Physical and Biological Features (also known as Essential Features or Primary Constituent Elements) because:

The proposed activity is located in critical habitat for Federally-listed threatened and/or endangered fish species, and would result in a reduction or alteration in the quality and availability of the Physical and Biological Features (also known as Essential Features or Primary Constituent Elements). See Boxes 17(a) and (b).

a. The reasons why it is not practicable to avoid the reduction or alteration in the quality and availability of the Physical and Biological Features of the designated critical habitat:

b. Information demonstrating that the reduction or alteration in the quality and availability of the Physical and Biological Features of the designated critical habitat will have no more than minimal individual or cumulative adverse effects:

18. Essential Fish Habitat (EFH) (Regional Condition B(2)(e))

N/A. The proposed activity will not occur in areas designated as EFH located in Nevada (including the Lake Tahoe Basin in California) or Utah. (skip to Regional Condition list for the appropriate state)

The proposed activity will occur in areas designated as EFH and an EFH assessment and extent of proposed impacts to EFH is enclosed.

Compliance with Sacramento District Regional Conditions for Nevada and the Lake Tahoe Basin in California

This checklist is intended to assist prospective permittees with documenting compliance with all Sacramento District Regional Conditions, as required by Regional Condition B(1). This checklist does not include the full text of each regional condition. Please refer to the *Final Sacramento District Nationwide Permit Regional Conditions for Nevada and the Lake Tahoe Basin in California* (<http://www.spk.usace.army.mil/Missions/Regulatory/Permitting/Nationwide-Permits/>) when completing this checklist.

Please check the box to indicate you have read and have/will comply with the Regional Condition and provide a rationale on how you have/will comply with the Regional Condition.

Check	Regional Condition	Rationale for Compliance
<input checked="" type="checkbox"/>	A(1). <u>All NWP's except 3, 6, 20, 27, 32, and 38:</u> Revoked for activities in histosols, fens, bogs, peatlands, and in wetlands contiguous with fens.	This project does not involve activity in these habitat types.
<input checked="" type="checkbox"/>	A(2). <u>Lake Tahoe:</u> All NWP's revoked in Lake Tahoe upon issuance of Regional General Permit	N/A. This project does not involve activity in Lake Tahoe.
<input checked="" type="checkbox"/>	B(1). <u>Additional PCN Requirements:</u>	See Boxes 1 through 1(p)
<input checked="" type="checkbox"/>	B(2). <u>PCN Requirements:</u> PCN must be submitted for: <ul style="list-style-type: none"> <input type="checkbox"/> New or replacement linear transportation crossings where the pre-construction bankfull width of waters of the U.S. at the crossing would be reduced. <input type="checkbox"/> Activities within 100 feet of a known natural spring. <input type="checkbox"/> Activities in waters of the U.S. on Tribal lands. <input type="checkbox"/> Activities proposing in-stream grouted outfall structures or grouting of stream bottoms.. 	N/A
<input checked="" type="checkbox"/>	B(3). <u>Utility Line Activities:</u> PCN shall be submitted when a utility line: <ul style="list-style-type: none"> <input type="checkbox"/> Results in a loss of greater than 100 linear feet of perennial, intermittent, or ephemeral drainages/open waters of the U.S. <input type="checkbox"/> Includes construction of a temporary or permanent access road, substation, or foundation within waters of the U.S. <input type="checkbox"/> Does not involve restoration of trenches to pre-project contours and conditions within 20 days. <input type="checkbox"/> Involves discharge of excess material from trench into waters of the U.S. 	N/A
<input checked="" type="checkbox"/>	B(4). <u>New Bank Stabilization.</u> New bank stabilization activities shall: <ul style="list-style-type: none"> <input type="checkbox"/> Use native vegetation, bioengineering design techniques, or a combination, unless specifically determined to be not practicable by the Corps. PCN will be submitted when new bank stabilization: <ul style="list-style-type: none"> <input type="checkbox"/> Involves any hard-armoring or the placement of any non-vegetated or non-bioengineered technique in waters of the U.S. 	N/A

Check	Regional Condition	Rationale for Compliance
X	B(5). <u>NWP 3, 6, 20, and 27:</u> A PCN shall be submitted for activities in histosols, fens, bogs, peatlands, and in wetlands contiguous with fens.	This project does not involve activity in these habitat types.
X	B(6). <u>NWP 23:</u> A PCN shall be submitted for all activities.	N/A. This project does not propose the use of a NWP 23.
X	B(7). <u>NWP 27:</u> PCN shall be submitted for all activities. The following applies: <input type="checkbox"/> Facilities for controlling stormwater runoff, construction of water parks, and the use of grout or concrete for in-stream structures are not authorized. <input type="checkbox"/> For stream restoration, post-project stream sinuosity shall be appropriate and equal to or greater than pre-project sinuosity. <input type="checkbox"/> Structures shall allow the passage of aquatic organisms, recreational water craft, or other navigational structures, unless waived.	N/A. This project does not propose the use of a NWP 27.
X	B(8). <u>NWP 29 and 39.</u> Channelization or relocation of perennial or intermittent drainages is not authorized unless the Corps determines the channelization or relocation would result in a net increase in aquatic resource functions and services. This Regional Condition does not apply to certain ditches.	N/A. This project does not propose the use of a NWP 29 or 39.
X	B(9). <u>NWP 46.</u> Discharge shall not cause the loss of greater than 0.5 acre or 300 linear feet of waters of the U.S., unless specifically waived in writing by the Corps.	N/A. This project does not propose the use of a NWP 46.
X	B(10). <u>Linear Transportation Crossings.</u> The following criteria apply: <input type="checkbox"/> For Federally-listed fish species, span the stream or river or use bottomless arch culvert. <input type="checkbox"/> Shall be constructed to maintain pre-construction course, condition, capacity and location of open waters unless the activity would result in a net increase in aquatic resource functions and services. <input type="checkbox"/> Replacement linear transportation crossings shall be designed to approximate the bankfull width and depth of upstream and downstream open waters, unless determined to be not practicable by the Corps.	N/A.
X	B(11). <u>Standing or Flowing Water:</u> Unless determined to be not practicable by the Corps, no construction activities shall occur within standing or flowing waters. Must allow inspection of activity(s).	An approved dewatering plan will be used.
X	B(12). <u>Lead Federal Agency:</u> Must submit documentation for compliance with Endangered Species Act, Magnuson-Stevens Fishery Conservation and Management Act, and National Historic Preservation Act.	Understood.

Check	Regional Condition	Rationale for Compliance
<input checked="" type="checkbox"/>	C(1). <u>Recordation.</u> Permittee will record NWP verification for areas required to be preserved as a special condition or where boat ramps, docks, marinas, piers, or permanently moored vessels will be constructed or placed in or adjacent to navigable waters.	Understood.
<input checked="" type="checkbox"/>	C(2). <u>Compensatory Mitigation:</u> <input type="checkbox"/> For permittee responsible compensatory mitigation, develop and submit a final comprehensive mitigation and monitoring plan for approval prior to commencement of construction activities in waters of the U.S. <input type="checkbox"/> Complete the construction of compensatory mitigation before or concurrent with construction of authorized activity and submit proof of purchase of mitigation bank or in-lieu fee program credits prior to commencement of construction of the authorized activity.	Understood.
<input checked="" type="checkbox"/>	C(3). <u>Best Management Practices (BMPs):</u> Unless determined to be not practicable or appropriate by Corps, permittee shall employ and maintain construction BMPs.	Understood, BMPs will be in place prior to ground disturbing activities, and the BMPs will be monitored and maintained per the manufactures specifications.
<input checked="" type="checkbox"/>	C(4). <u>Highly Visible Markers:</u> Unless determined to be not practicable or appropriate by Corps, permittee shall clearly identify the limits of the authorized activity with highly visible markers. The permittee is prohibited from any activity that impacts waters of the U.S. outside of the permit limits.	Understood.
<input checked="" type="checkbox"/>	C(5). <u>Temporary Access and Construction:</u> For temporary fill within waters of the U.S., the permittee shall: <input type="checkbox"/> Use spawning quality gravel where appropriate, as determined by the Corps. <input type="checkbox"/> Install a horizontal marker to delineate the existing bottom elevation of waters of the U.S. <input type="checkbox"/> Remove all temporary fill and restore the area to pre-project contours and conditions within 30 days following completion of construction activities in waters of the U.S.	N/A. There will be no temporary access created within or across the drainage.
<input checked="" type="checkbox"/>	C(6). <u>Utility Line Activities:</u> <input checked="" type="checkbox"/> Permittee shall ensure utility line does not result in draining waters of the U.S. <input checked="" type="checkbox"/> Unless determined not practicable or appropriate by the Corps, permittee shall dispose of excess material from utility line trench in an upland location.	Understood. This project will not result in draining waters of the U.S.
<input checked="" type="checkbox"/>	C(7). <u>Contractor Compliance:</u> Permittee is responsible for all work and ensuring contractors and workers are aware of and adhere to terms and conditions of the authorization. The permittee shall ensure a copy of the authorization and drawings are available at the site.	Understood. A copy of the USACE authorization and drawings will be available at the project site.

Check	Regional Condition	Rationale for Compliance
<input checked="" type="checkbox"/>	C(8). <u>Site Inspection:</u> Permittee shall allow Corps representatives to inspect authorized activity and any avoidance, preservation, and/or compensatory mitigation areas at any time deemed necessary.	Agreed.
<input checked="" type="checkbox"/>	C(9). <u>Compliance Certification:</u> Permittee shall submit: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> As-built drawings; <input checked="" type="checkbox"/> Numbered and dated post-construction photographs; <input checked="" type="checkbox"/> Description and photo-documentation of all BMPs; <input checked="" type="checkbox"/> For temporary fills in waters of the U.S., a description and photo-documentation of all restored waters of the U.S. 	Agreed. The permittee will submit as-builts, post-construction photographs, and documentation of BMPs including the restored waters once the dewatering program is removed.