



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).	Pre-Filing Meeting Requested on Oct 30, 2025 Pre-Filing Meeting held on Nov 24, 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: Clark County Public Works	Address: 500 S. Grand Central Parkway
Applicant Name: John McAvoy	City: Las Vegas
Phone: (702) 455-6439	Fax: State: NV
Email: john.mcavoy@ClarkCountyNV.gov	Zip Code: 89155
Agent Information	
Company Name:	Address:
Agent Name:	City:
Phone:	Fax: State:
Email:	Zip Code:

C. Project General Information			
Project Location			
Project/Site Name: Flamingo Wash Northfork Maintenance Ramp		Name of receiving waterbody: Flamingo Wash – Lateral (Flamingo/Rainbow)	
Address: 5540 W Harmon Ave		Type of waterbody present at project location (<i>select all that apply</i>): <input type="checkbox"/> Perennial River or Stream <input checked="" 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: Las Vegas			
County: Clark			
State: NV			
Zip Code: 89103			
Latitude (UTM or Dec/Deg): 36.00917°		Longitude (UTM or Dec/Deg): 115.21797°	
Township: 21S	Range: 60E	Section: 24	¼ Section: NW1/4

Project Details		
Project purpose:	Installation of a maintenance access ramp to facilitate maintenance where the dual 14' x 8' RCBs meet the trapezoidal channel.	
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.	Existing concrete channel with asphalt access road to top of channel. Fully disturbed and developed area. Please see attached photographs.	
Describe the proposed activity including methodology of each project element:	Installation of diversion to protect work site, removal of existing channel wall, grading of ramp, installation of concrete ramp, removal of diversion. For more detail, please see proposed activity attachment.	
Estimate the nature, specific location, and number of discharge(s) expected to be authorized by the proposed activity:	The temporary diversion will be installed to protect the worksite and to aide in preventing erosion of the exposed soil. The maintenance ramp will install concrete and structural base under the Ordinary High Water mark after excavation of the channel wall.	
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:	Construction approximately March 16 th 2026 to Sept 8 th 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):	ACOE NWP43 (SPK-2024-00816), ACOE NWP33	
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:	NDEP Working in Waterways Permit, to be obtained by contractor.	
Total area of impact to regulated waterbodies (acres):	0.08 acres (3363.1 Sq. ft.)	
Total distance of impact to regulated waterbodies (linear feet):	216 LF	
Amount excavation and/or fill discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	Fill: 15 CU. YD.	Excavation: 482 CU. YD. Fill: 24 CU. YD.
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):	A Temporary Diversion Berm will protect the worksite from the intermittent flow within the channel that is present from Spring to Fall and prevent erosion of exposed soil after excavation.	

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.	BMPs that will be implemented to avoid and minimize impacts to regulated waters include: flow diversion of the waters within the channel to minimize intrusion into the worksite, and standard construction measures, sediment control and erosion control measures for the worksite.
Describe how the activity has been designed to avoid and/or minimize adverse effects, both temporary and permanent, to regulated waters:	The temporary diversion will protect the worksite from ephemeral flows up to 2 year storm events to prevent erosion of exposed soils. The proposed maintenance ramp matches the existing materials and will provide easier access for maintenance activities.
Describe any compensatory mitigation planned for this project (if applicable):	N/A

D. Signature		
Name and Title (Print): Bryan Osborne Manager Design Engineering	Phone Number: (702) 455-6127	Date: <i>12/22/2025</i>
 Signature of Responsible Official		

Mandatory Attachments:

- **Federal Permit or License Application** - 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/>).

Proposed Activity Report for Northfork Maintenance Ramp

While exact means and methods will be determined by the contractor, this Proposed Activity Report intends to provide a general plan for construction and to set a maximum amount of temporary fill for work within the Flamingo Wash – Northfork Lateral Channel.

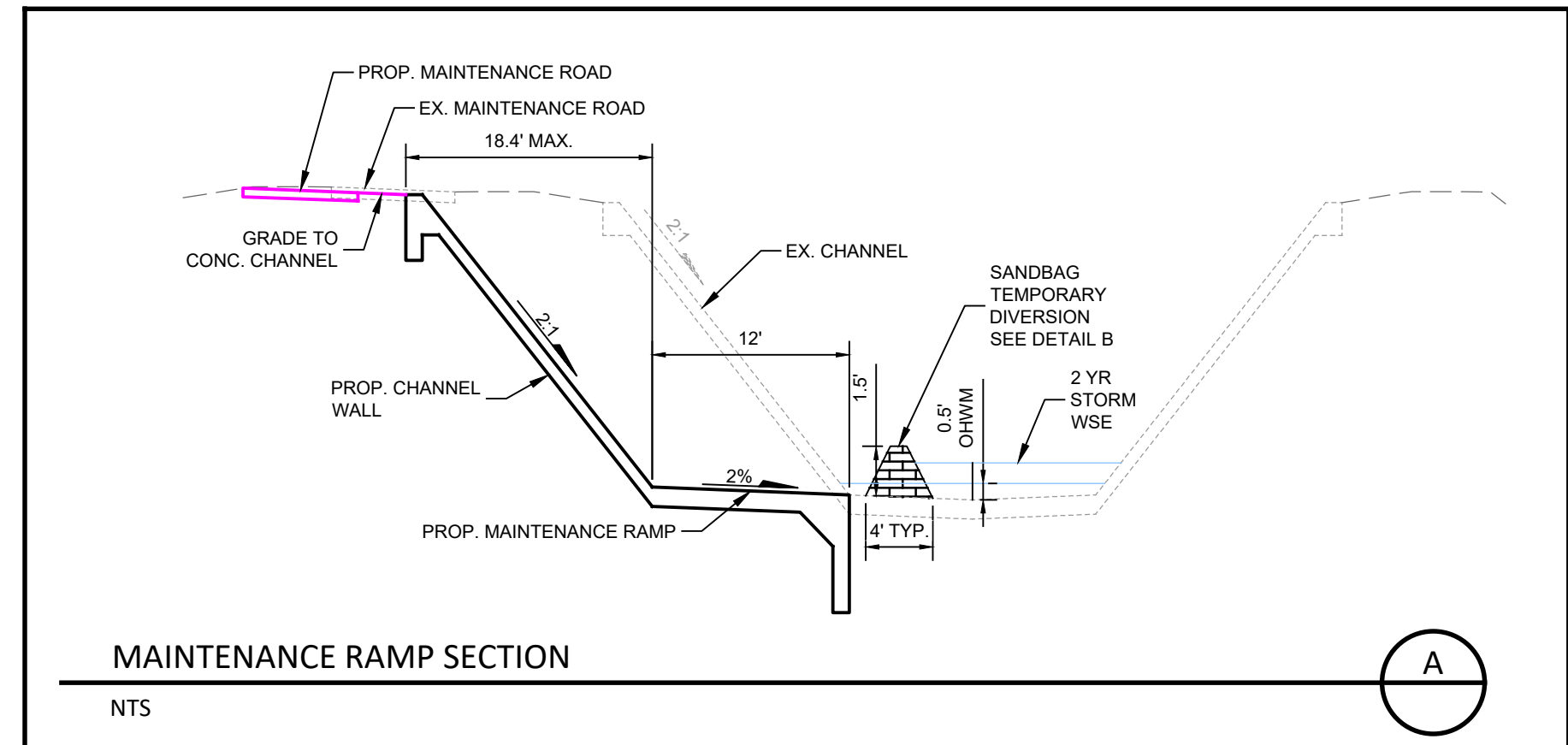
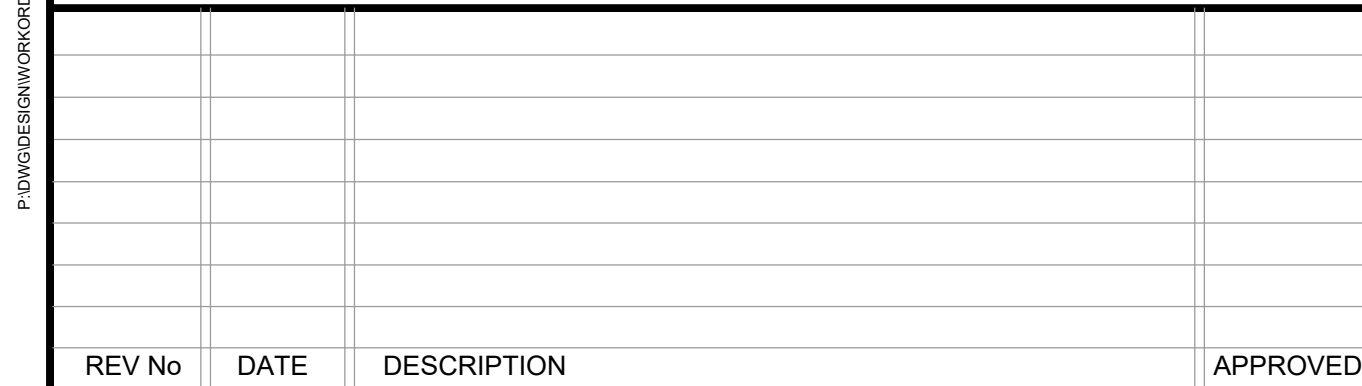
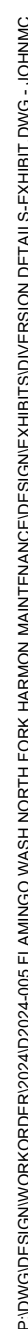
First the site will have the temporary diversion and construction BMP's installed. The temporary diversion to be a maximum of 1.5 ft tall, 4' wide sandbag wall (15 cu. yd.) to protect the worksite from storm events of up to 2 year intensities. Construction BMP's will need to be barriers to prevent sediment erosion and to prevent any spillage of construction materials from leaving the worksite. For the entire work, a water truck will be used for dust suppression.

Then work will proceed to remove the portion of the concrete channel wall, subgrade excavation, and maintenance access road that will interfere with the proposed improvements. Various trucks and mechanical equipment may be used. From jackhammers, to excavators and dump trucks.

Then work will begin to install the base and concrete for the maintenance access ramp. For the base: dump trucks, roller compactors, and plate compactors may be used. For the concrete: cement mixer trucks and pump trucks may be used.

Then the maintenance road will be reinstalled at the new alignment. For the pavement access road: dump trucks, roller compactors and plate compactors may be used.

Finally, the temporary diversion and final site cleanup will be performed.



PRELIMINARY - NOT FOR CONSTRUCTION



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov

January 14, 2026

Zack Carter
Environmental Scientist III, Bureau of Water Quality Planning
Nevada Division of Environmental Protection
Department of Conservation and Natural Resources
9805 Double R Blvd, Suite 200, Reno, Nevada 89521

Flamingo Wash - North Fork Access Ramp (ACOE SPK-2024-00816)

Per email from Zachary Carter on December 30, 2025, there was some additional information needed for the 401 certification. The questions/comments have been reproduced in **BOLD** with notes and responses after.

After reviewing the certification request and attachment, additional information is required to ensure compliance with submission procedures and adequately assess the potential water quality impacts associated with the proposed project. At your earliest convenience, please address the following questions and comments:

- **Please provide the following mandatory attachments identified in the Certification Request Application Form:**
 - **Federal Permit or License Application - 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).**

The Federal Permit and additional information including the Site Map and Engineered Drawings have been attached to the email correspondence along with this letter.

- **Please characterize the 482 yd³ of material to be excavated.**

The 482 yd³ to be excavated from the worksite includes: 43.5 yd³ of concrete channel, 24.1 yd³ of asphalt, and the remaining 414.4 yd³ is soil.
- **The application identifies 24 yd³ of permanent fill within regulated waters, but the nature and quantity of the proposed discharges is unclear. Please provide a list of the amount and type of each discharge constituting the 24 yd³ (e.g., concrete xx yd³, soil xx yd³, etc.).**

The 24 yd³ to be installed as permanent fill within the excavated area within the regulated water includes: 16.6 yd³ of reinforced concrete and 7.4 yd³ of soil base.

- **Describe the Best Management Practices (BMPs) to be implemented (or provide a list of BMPs that the contractor may select from) to avoid or minimize impacts to regulated waters, including sediment/erosion control measures, habitat preservation, hazardous materials management, water quality monitoring, equipment or plans to treat, control, or manage discharges.**

The contractor may utilize filter berms, silt fences, and sediment barriers as needed to control sediment and to avoid or minimize impacts to regulated waters. Any BMPs that the contractor identifies on any SPCP and/or SWPPP plans they have submitted may also be utilized.

- **Diversion or bypass questions from the Application Guidance Document (https://ndep.nv.gov/uploads/water-401cert-docs/ApplicationGuidance_2024.pdf)**

- **Length of time the area is proposed to be diverted or bypassed,**

The diversion will be one of the first tasks upon mobilizing, to protect the worksite from possible storm events of 2 years or less. The construction of the project will be from approximately March 16th to September 8th, 2026.

- **Area (acres) and length (linear feet) of regulated waters impacted by the structure and/or fill,**

0.08 acres over 152 LF of regulated water are impacted by the proposed project.

- **Volume of temporary fill material (cubic yards),**

15 yd³ of sandbagged fill for temporary diversion.

- **Method for removal of the structures and/or fill,**

- **Method for restoration of the area affected by the structure or fill upon project completion,**

As the temporary diversion will be built of material made to be easily placed and removed, no special tools will be needed and no restoration to the channel bottom will be needed.

- **Diversion or bypass designs (typical drawings or sketches will suffice)**

Please see attached diversion design.

Sincerely,



John McAvoy, P.E.
Senior Civil Engineer
Clark County Public Works, Design Division



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov

December 23, 2025

Chris Link
Project Manager, Regulatory Division
U.S. Army Corps of Engineers, Sacramento District
1325 J Street, Room 860, Sacramento, California 95814-2922

Flamingo Wash - North Fork (SPK-2024-00816)

Per the meeting with Chris Link and Clark County Public Works staff on October 28, 2025, there was some additional information needed for the NWP 43. The notes/comments have been reproduced in **BOLD** with notes and responses after.

Just so we're on the same page, here are some of my notes on this project:

- **Nationwide Permit (NWP) #43 Stormwater Management Facilities appears to be the most appropriate permit avenue for this project. I will plan to process it under NWP 43. You do not need to submit a new application specifying NWP 43.**

Noted.

- **Regarding a jurisdictional determination request for the project site, both an 'Aquatic Resources Delineation Verification' or a 'Preliminary Jurisdictional Determination' would make sense, although neither are required in order for you to receive a Corps permit. I would recommend requesting an 'Aquatic Resources Delineation Verification.' I have attached a blank request form to this email for you to fill out and send back. This request would not impact the timeline of the permit.**

Aquatic resources delineation request on 11-3-25

- **The flood control/stormwater channel has semi-permanent flow/water. The source is mostly urban runoff. It is not controlled/gated in the project area.**

Correct.

- **I'm not sure if I explicitly stated this in our meeting, but if the project has the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties, then the Corps would be required to conduct consultation with the Nevada State Historic Preservation Office. (Also, just as an FYI, the Corps typically conducts tribal coordination for all permit actions. This would not require any action on your end unless a tribe tells us that they have concerns with the project). Similarly, if the project "may affect" federally-listed endangered or threatened species, then the Corps would be required to conduct consultation with the U.S. Fish and Wildlife Service.**

- **At this point I'm not sure whether or not consultations will be required. Once I get more information I should have a better idea on what's needed. If consultation does end up being required, additional information would likely be needed from you that is more specific to cultural resources and/or federally-listed species. If you happen to have any relevant information in either of those areas now, please include it when sending over the other requested information.**

The project is located on previously disturbed land and should not disturb any cultural resources. No historic sites are on or near the subject site.

- Regarding Clean Water Act Water Act Section 401 water quality certification, [here is a link to an EPA webpage](#) that has some general information.
 - A colleague let me know that Zachary Carter (zcarter@ndep.nv.gov) administers the 401 program for Nevada, so I would suggest getting in touch with him to get more specific details on the process.
 - Keep me updated on the 401 status going forward (e.g., by cc'ing me when submitting the 401 application and by sending me a copy of the certification once you eventually receive it)

401 pre-filing meeting was requested on 10/29/2025 and held on 11/24/25. The application was sent to Nevada Department of Environmental Protection (NDEP) on 12/22/2025.

Please provide the following information:

1. **Additional project construction/design details.** Such as the locations of staging areas and construction access routes, construction methods and equipment, best management practices that would be implemented, and the planned timing of the work. Also provide discussion on the footprint and depth of excavation/ground disturbance, which is very important when determining if the project has the potential to cause effects to historic properties – if all proposed ground disturbance would occur in previously disturbed areas, it is more likely that the project would not have the potential to cause effects to historic properties.

Exact Means and Methods of construction to be determined by Contractor, but heavy equipment will generally include: backhoes, excavators, concrete pump trucks, cement mixers. The limits of the project are all within previously disturbed areas. The staging areas and construction access routes will also be on public roads or previously disturbed areas. Please also see the Proposed Activity Report attached.

2. **A map (or maps) that clearly shows the planned work and impacts. Also show all areas where excavation would occur.**

An exhibit showing areas for work and staging has been provided.

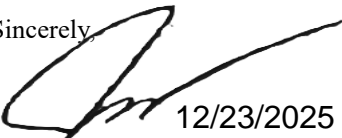
3. **Provide additional information regarding the dewatering or water diversions (e.g., plans, maps, impacts acreage, and volume of fill discharge). Even though it would be a temporary impact and the channel is concrete-lined, we still have to consider it as an impact.**

Exact Means and Methods of diversions to be determined by Contractor. Maximum area that the diversion can impact is set in the Proposed Activity Report attachment per the NDEP 401 application (15 cu. yd.)

4. **Provide a delineation of the aquatic resources on the project site (i.e., delineate the channel). This is needed regardless of whether or not you request an Aquatic Resources Delineation Verification or a Preliminary Jurisdictional Determination. [Here is a link to our Corps webpage that has information about aquatic resource delineations.](#) There is more information on that webpage than you really need. Since this project site and the channel don't appear to be too complex, I don't need a full comprehensive delineation report. The main things I'm looking for are photos of the site/channel, a map delineating the channel's ordinary high water mark (the map should also have a boundary around the survey area and the map should list the the acreage of the channel on it), and some discussion of the hydrology at the site (e.g., known surface or subsurface sources, drainage gradients, downstream water connections).**

Aquatic resources delineation request on 11-3-25

Sincerely,



12/23/2025

John McAvoy, P.E.
Senior Civil Engineer
Clark County Public Works, Design Division

Proposed Activity Report for Northfork Maintenance Ramp

While exact means and methods will be determined by the contractor, this Proposed Activity Report intends to provide a general plan for construction and to set a maximum amount of temporary fill for work within the Flamingo Wash – Northfork Lateral Channel.

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Then work will proceed to remove the portion of the concrete channel wall, subgrade excavation, and maintenance access road that will interfere with the proposed improvements. Various trucks and mechanical equipment may be used. From jackhammers, to excavators and dump trucks.

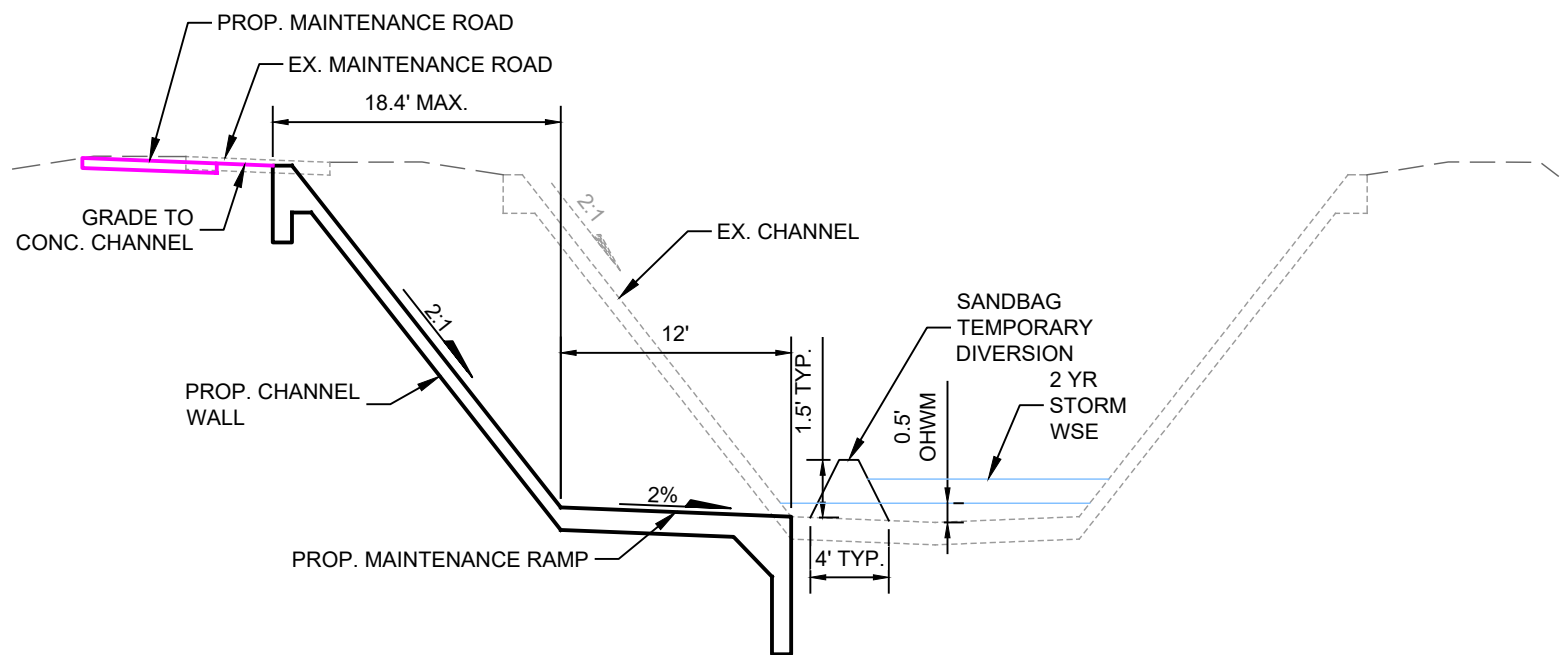
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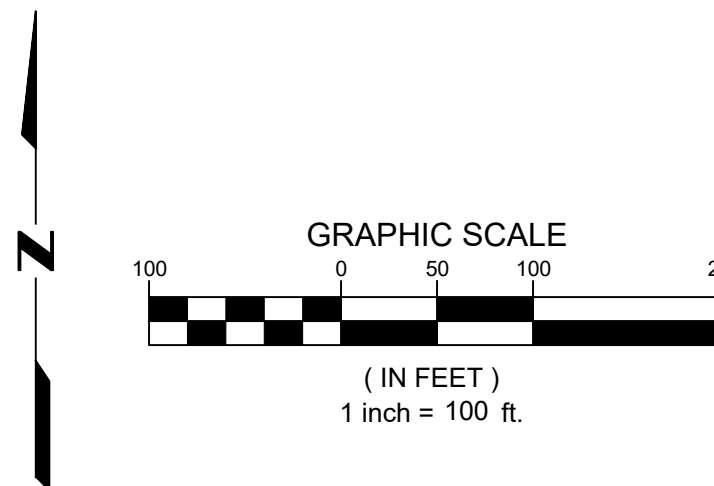
LAT 36.1076
LONG -115.2166
T21S R60E
C ¼ S24



MAINTENANCE RAMP SECTION
NTS

LEGEND

- MAP REFERENCE POINT
- STAGING AREA (1.10 ACRES)
- RELATIVELY PERMANENT STREAM (0.31 ACRES)
- AREA OF PERMANENT IMPROVEMENTS (0.16 ACRES)
- TEMPORARY CHANGE OF O.H.W.M. (0.03 ACRES)
- TEMPORARY DIVERSION (15 CU. YD.)
- TOPOGRAPHY (2-FT CONTOUR INTERVAL)



PROPOSED WORK AREAS: FLAMINGO WASH NORTH FORK HARMON MAINTENANCE RAMP STAGING AREA & EASEMENT - 2024-005

REV No	DATE	DESCRIPTION	APPROVED



FLAMINGO WASH - NORTH FORK ACCESS RAMP
WORK AREA EXHIBIT

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: JM/JT	SCALE	SHEET No
DRAWN BY: JM/JT	HORIZ: 1" = 100'	WA
CHECKED BY: BO	VERT: NONE	
DATE: December 23, 2025	FIELD BOOK 60-21-74	
	WORK ORDER 2024-005	
	PROJECT No.	1 OF 1
		L-2495

PRELIMINARY - NOT FOR CONSTRUCTION

FLAMINGO WASH - NORTH FORK ACCESS RAMP

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY			
13. NAME OF WATERBODY, IF KNOWN <i>(if applicable)</i> Flamingo Wash		14. PROPOSED ACTIVITY STREET ADDRESS <i>(if applicable)</i> 5540 W. Harmon Ave	
15. LOCATION OF PROPOSED ACTIVITY <i>(see instructions)</i> Latitude °N Longitude °W 36.00917 115.21797		City: Las Vegas	State: ZIP: NV 89103
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN <i>(see instructions)</i> <div style="display: flex; justify-content: space-between;"> <div>State Tax Parcel ID 163-24-296-002</div> <div>Municipality Clark County</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Section 24</div> <div>Township 21S</div> <div>Range 60E</div> </div>			
17. DIRECTIONS TO THE SITE 540 upstream of the culvert crossing of Harmon Avenue just west of the Lindell Road intersection.			
18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE NWP43 - Stormwater Management Facilities			
19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i> This project proposes to excavate the side of the existing concrete channel and install a concrete access ramp to facilitate future maintenance activity within the bottom of the channel for the Flamingo Wash - North Fork Branch. Approximately 35 cu yard of fill is to be placed under the Ordinary High Water Mark of the semi-permanent flow within the channel.			
20. DESCRIPTION OF PROPOSED MITIGATION MEASURES <i>(see instructions)</i> During construction will provide BMP's to prevent discharges of construction material into the semi-permanent flow within the Flamingo Wash, ensuring that we will meet the requirements of the MS4 permit and Nevada DEP Working in Waterways permits.			
21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY <i>(Describe the reason or purpose of the project, see instructions)</i> The purpose of the proposed project is to provide better access to the channel floor for maintenance activities. Construction start is anticipated Spring of 2026.			
22. QUANTITY OF WETLANDS, STREAMS, OR OTHER TYPES OF WATERS DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i>			
Acres <1/10	Linear Feet 152	Cubic Yards Dredged or Discharged 23 (0.74 in Ordinary High Water Mark)	
Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.			
23. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. <i>(see instructions)</i> NWP 33 - Temporary construction. For any cofferdam or other temporary structure needed to control the semi-permanent waters of Flamingo Wash during construction. Specifics to be determined by the contractor as means and methods, after bid is awarded. RGP 7 - Construction and Maintenance of Flood Control Facilities Clark County, Nevada. This project revises an existing facility in the Regional Masterplan to facilitate maintenance activities.			
24. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and/or the loss of greater than 3/100-acre of stream bed and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) and/or paragraph (d) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity. No loss of wetlands or stream bed as the existing channel is concrete lined.			

25. Is any portion of the nationwide permit activity already complete?

☐

Yes

☒

No

If Yes, describe the completed work:

No work has been completed yet.

26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions)

N/A

27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions)

N/A

28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in 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, identify the Wild and Scenic River or the "study river":

N/A

29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? ☐ Yes ☒ No

If "yes", please provide the date your request was submitted to the Corps district:

30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (see instructions)

31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF AGENT

DATE

The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent.

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

FLAMINGO WASH - NORTH FORK ACCESS RAMP



1	CV	COVER SHEET
2	GN	GENERAL & CONSTRUCTION NOTES, BASIS OF BEARING, LEGEND AND ABBREVIATIONS
	RS	RECORD OF SURVEY
5	C-1	REMOVAL AND CONSTRUCTION PLAN
6	CD-1	CONSTRUCTION DETAILS

County Commissioners

2025

IMPROVEMENT PLANS FOR FLAMINGO WASH - NORTH FORK ACCESS RAMP

County Manager

Kevin Schiller

Director of Public Works

Approved:

Denis Cederburg

Clark County
Regional Flood Control District

Approved:

Steven C. Parrish, P.E.
General Manager & Chief Engineer

BID No.:

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	MIN	MINIMUM
CC	CLARK COUNTY	MP	MIDPOINT
CCWRD	CC WATER RECLAMATION DISTRICT	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
C&G	CURB AND GUTTER	No	NUMBER
CL	CENTERLINE	NVE	NEVADA ENERGY
CLSM	CONTROLLED LOW STRENGTH MATERIAL	PVMT	PAVEMENT
CMP	CORRUGATED METAL PIPE	PBS	PLANTMIX BITUMINOUS SURFACE
COMM DWY	COMMERCIAL DRIVEWAY	PC	POINT OF CURVATURE
CONC	CONCRETE	PI	POINT OF INTERSECTION
DIAG	DIAGONAL	PL	PROPERTY LINE
DWG	DRAWING(S)	PROP	PROPOSED
DWY	DRIVEWAY	PT	POINT OF TANGENCY
EF	EACH FACE	PVI	POINT OF VERTICAL INTERSECTION
ELEV	ELEVATION	REIN	REINFORCEMENT
EOP	EDGE OP PAVEMENT	RP	RADIUS POINT
EX	EXISTING	SD	STORM DRAIN
EW	EACH WAY	SNWA	SOUTHERN NEVADA WATER AUTHORITY
FL	FLOW LINE	STA	STATION
GB	GRADE BREAK	STD	STANDARD
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE	SW	SIDEWALK
HPS	HIGH PRESSURE SODIUM	SWG	SOUTHWEST GAS
HWY	HIGHWAY	TC	TOP OF CURB
LVVWD	LAS VEGAS VALLEY WATER DISTRICT	TRANS	TRANSITION
MAT'L	MATERIAL	TYP	TYPICAL
MAX	MAXIMUM	USD/USDCCA	UNIFORM STANDARD DRAWINGS
ME	MATCH EXISTING	UTACS	ULTRA THIN ASPHALT CONCRETE SURFACE
MH	MANHOLE	VG	VALLEY GUTTER/CONC. CROSS GUTTER
		VPI	VERTICAL POINT OF INTERSECTION
		VPT	VERTICAL POINT OF TANGENCY

BASIS OF BEARING

N 00° 05' 13" E, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 24, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN RECORD OF SURVEY FILE 108, PAGE 26, ON FILE AT THE CLARK COUNTY RECORDER'S OFFICE.

BENCHMARK

CLARK COUNTY BENCHMARK 0C1024W4, 2000 BEING A RIVET AND ROUND ALUMINUM PLATE IN TOP OF CURB, NORTHEAST CORNER OF JONES BLVD. AND HARMON AVE. NEAR THE PC OF JONES BLVD.

ELEVATION (METERS): 702.189
ELEVATION (FEET): 2303.765

LEGEND

REMOVAL ITEM, CONSTRUCTION ITEM, TRAFFIC ITEM

EXISTING/PROPOSED CONDUIT RUN NUMBER

CENTERLINE W/STATION

RIGHT-OF-WAY LINE

PROPERTY LINE

EXISTING/PROPOSED STREETLIGHT

EXISTING/PROPOSED/FUTURE DROP INLET

EXISTING/PROPOSED CURB & GUTTER

EXISTING/PROPOSED UNDERGROUND UTILITY SHOWN AT WIDTH WHEN > 18"

EXISTING/PROPOSED/ADJUST MANHOLE

EXISTING/PROPOSED/ADJUST PULLBOX

EXISTING/PROPOSED/ADJUST WATER VALVE

EXISTING/ADJUST GAS VALVE

EXISTING/PROPOSED/ADJUST MONITORING WELL

EXISTING/PROPOSED EDGE OF PAVEMENT

EXISTING/PROPOSED DRIVEWAY

EXISTING BLOCKWALL/FENCE

EXISTING/PROPOSED ELEVATION

EXISTING TELEPHONE AND/OR POWER POLE

EXISTING/PROPOSED FIRE HYDRANT

EXISTING/PROPOSED SERVICE PEDESTAL

EXISTING MAILBOX

POTHOLE NUMBER

EXISTING/ADJUST WATER METER

SAWCUT LINE

EXISTING/PROPOSED 1-1/4" PVC STREETLIGHT CONDUIT

EXISTING/PROPOSED CONTROLLER CABINET

EXISTING/PROPOSED SIDEWALK RAMP

GENERAL NOTES

1. ALL CONSTRUCTION AND TRAFFIC SIGNAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", AND APPENDICES. THE MANUAL CAN BE FOUND HERE: [HTTPS://RTCWS.RTCNSNV.COM/MPOS/STREETS/V4_STREETS_SPECIFICATIONS.CFM](https://rtcws.rtcnsnv.com/mpos/streets/v4_streets_specifications.cfm)

2. ALL UTILITY LOCATIONS ON THESE PLANS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES LIKELY TO BE AFFECTED AND TO PROTECT IN PLACE, ALL UTILITIES SHOWN HEREIN. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF SUSPECTED UTILITY INTERFERENCES, AND SHALL FURNISH INFORMATION ON THE SAME TO THE ENGINEER, NOT LESS THAN TEN (10) DAYS PRIOR TO THE ANTICIPATED IMPACT OF THESE SUSPECTED INTERFERENCES ON HIS WORK. IF CONFLICTS EXIST, THE CONTRACTOR WILL IMMEDIATELY CONTACT THE ENGINEER AND PROVIDE THE ENGINEER WITH ALL THE NECESSARY DATA SUCH AS ELEVATIONS, HORIZONTAL LOCATIONS, ETC., AND PROVIDE THE ENGINEER WITH SKETCHES INDICATING THE PROPOSED IMPROVEMENT AND THE UTILITY CONFLICT. THE ENGINEER WILL EXAMINE AND REVIEW ALL THE DATA AND SKETCHES PROVIDED, AND WILL PROVIDE THE CONTRACTOR WITH AN ALTERNATIVE DESIGN WITHIN FIVE (5) DAYS AFTER RECEIPT OF DATA AND SKETCHES.

3. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION

4. SIGNATURES SHOWN ON THE GENERAL NOTES OF THESE PLANS, BY THE LOCAL UTILITY COMPANIES DOES NOT ASSUME OR GUARANTEE THEIR LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

5. THE CONTRACTOR SHALL COORDINATE WITH THE NV ENERGY COMPANY, CENTRAL TELEPHONE COMPANY, DBA CENTURYLINK, LOCAL CABLE COMPANY AND THE SOUTHWEST GAS CORPORATION FOR THE RELOCATION OF UNDERGROUND OR OVERHEAD UTILITIES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.

6. NV ENERGY SHALL BE RESPONSIBLE FOR THE RELOCATION OF UNDERGROUND OR OVERHEAD POWER LINES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.

7. CENTURY LINK SHALL BE RESPONSIBLE FOR THE VERTICAL OR HORIZONTAL ADJUSTMENT OF ALL TELEPHONE FACILITIES WHICH INTERFERE WITH IMPROVEMENTS SHOWN ON THE CONTRACT DRAWINGS.

RTC/ FAST NOTES

1. CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGE DUE TO CONSTRUCTION, WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT MR. LONNIE BROWN (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT 702-432-5300 GENERAL OR CELL AT 702-290-1979.

2. IF ANY EXISTING FIBER OPTIC CABLE IT TO BE CUT, SPLICED AND/OR PULLED, ALONG OR ADJACENT TO THE PROJECT LIMITS, THE CONTRACTOR IS TO CONTACT MR. LONNIE BROWN TWO (2) WEEKS IN ADVANCE FOR SYSTEM SHUTDOWN COORDINATION.

3. CONTRACTOR MUST NOTIFY MR. LONNIE BROWN AT 702-432-5300 GENERAL OR CELL AT 702-290-1979 OR AT BROWN.L@RTCNSV.COM. ONCE ALL PROJECTS ITS FIBER OPTIC WORK IS COMPLETE.

RTC TRANSIT NOTES

1. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE MORE THAN ONCE CONSECUTIVE BUS STOP ON THE SAME SIDE OF THE STREET. TEMPORARY BUS STOPS AND BUS STOP AMENITIES SHALL BE AMERICANS WITH DISABILITIES ACT (ADA) COMPLAINT AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY RTC TRANSIT OF PROPOSED BUS STOP CLOSURES AND/OR BUS STOP AMENITY DISRUPTIONS VIA NOTIFYRTCTRANSIT@RTCNSV.COM AT LEAST SEVEN CALENDAR DAYS PRIOR TO THE START OF WORK. NOTIFICATION OF BUS STOP CLOSURES INVOLVING REMOVAL OF EXISTING AMENITIES SHALL BE PROVIDED TO RTC TRANSIT AT LEAST 10 CALENDAR DAYS PRIOR TO THE START OF WORK.

2. THE CONTRACTOR SHALL SUBMIT A BUS STOP CLOSURE SCHEDULE TO RTC TRANSIT WITH THE APPROVED TRAFFIC CONTROL PLAN AT LEAST SEVEN CALENDAR DAYS PRIOR TO THE START OF WORK. THE BUS STOP CLOSURE SCHEDULE SHALL IDENTIFY THE DURATION OF PROPOSED BUS STOP CLOSURE AND TEMPORARY BUS STOP RELOCATIONS AND TIMES OF DAY THAT STOPS ARE EXPECTED TO BE IMPACTED BY THE WORK. ALL BUS STOP CLOSURES, TEMPORARY BUS STOPS, AND TEMPORARY BUS TURN OUTS MUST BE APPROVED BY RTC TRANSIT STAFF PRIOR TO THE START OF WORK.

CP#7, PT
9+95.46, 51.12' L

CP #6, PT
10+00.00, CL

CP #5, PT
10+02.30, 28.78' R

CP #4, PC
15+04.96, 21.90' R

CP #3, PT
15+05.00, 26.90' R

CP #8, PC
17+98.43, 59.00' L

CP #1, C 1/4
T21S R60E S24

CP #9, PC
18+09.67, 37.34' L

CP #2, PC
18+09.67, 26.01' R

CP #10, PC
18+09.65, CL

LINE	LENGTH	BEARING	LOCATION
L-1	122.23	S85°52'06"W	HARMON AVE
L-2	40.00	N04°08'01"W	HARMON AVE
L-3	26.01	N85°51'59"E	CP#2 TO CP#10
L-4	37.34	N85°51'59"E	CP#10 TO CP#9
L-5	5.00	S54°48'52"W	CP#3 TO CP#4
L-6	28.87	S00°11'05"W	CP#5 TO CP#6
L-7	51.25	S00°11'05"W	CP#6 TO CP#7

CURVE	DELTA	LENGTH	RADIUS	TANGENT	LOCATION
C1	81°38'14"	881.41	618.60	534.31	CP#7 TO CP#8
C2	51°08'28"	480.74	538.60	257.71	CP#5 TO CP#4
C3	31°12'36"	290.66	533.60	149.03	CP#3 TO CP#2
C4	81°38'54"	809.65	570.00	490.15	CP#6 TO CP#10
C5	59°34'55"	26.00	25.00	14.31	CP#8 TO CP#9

LEGEND

CP #3

C3

L-3

CH

RS

DR

HORIZONTAL CONTROL POINT

CHANNEL CURVE DATA NOTATION

CHANNEL LINE DATA NOTATION

"CH" EXIST/PROPOSED CHANNEL CENTERLINE

RECORD OF SURVEY CENTERLINE

DRAINAGE EASEMENT PER SURVEY FILE 108, PAGE 26

FLAMINGO WASH HORIZONTAL CONTROL

FLAMINGO WASH - NORTH FORK ACCESS RAMP

GENERAL AND CONSTRUCTION NOTES

HORIZONTAL CONTROL, LEGEND AND ABBREVIATIONS

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

CLARK COUNTY NEVADA

100% PRELIMINARY

SCALE

HORIZ: SEE SHEET

VERT: NONE

FIELD BOOK 60-21-74

WORK ORDER 2024-005

PROJECT No. XXXXXX

SHEET No

GN

2 OF 6

L-2495

DESIGNED BY: JT

DRAWN BY: JT

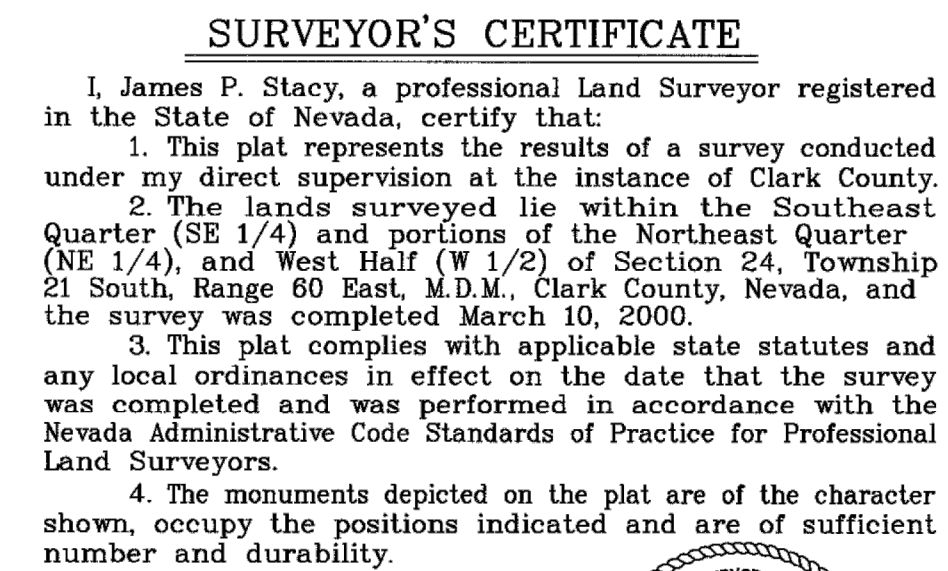
CHECKED BY: BO

DATE: May 28, 2025

P:\DWG\DESIGN\WORK\2024\2024-05-FLAMINGO WASH NORTH FORK HARMON MAINTENANCE\DESIGN\ANSI\PRODUCTION\NORTH FORK COVER.DWG - JESUIT

FLAMINGO WASH - NORTH FORK ACCESS RAMP
PRELIMINARY - NOT FOR CONSTRUCTION

967



- 1) This field survey was performed to establish and memorialize the legal alignment and/or boundary limits for the North Fork of Flamingo Wash located between Flamingo Road and Tropicana Ave. and between Jones Blvd. and Decatur Blvd.
- 2) All intersection and other control points for the project have been monumented in accordance with applicable State Statutes and Local Ordinances at the completion of roadway construction.

N 00°05'13" E, being the bearing of the West line of the Southwest Quarter (SW 1/4) of the Northeast Quarter (NE 1/4) of Section 24, Township 21 South, Range 60 East, M.D.M., Clark County, Nevada, as shown in Record of Survey File 91, Page 08, on file at the Clark County Recorder's Office.

LEGEND

- FOUND MONUMENT AS NOTED.
 ▲ NOTHING FOUND. SET MONUMENT AS NOTED.
 ○ CALCULATED POINT.
 — CENTERLINE
 — RIGHT OF WAY
 — WASH EASEMENT

SCALE
1 inch = 300 feet

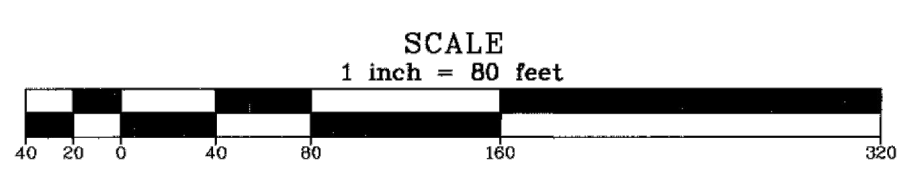
A horizontal scale bar with alternating black and white segments. Below the bar, numerical markings are provided: 100, 50, 0, 100, 200, 300, 600, and 1200. The segments represent 50-foot increments, with the first segment (100-50) being black, the second (50-0) being white, and subsequent segments alternating.

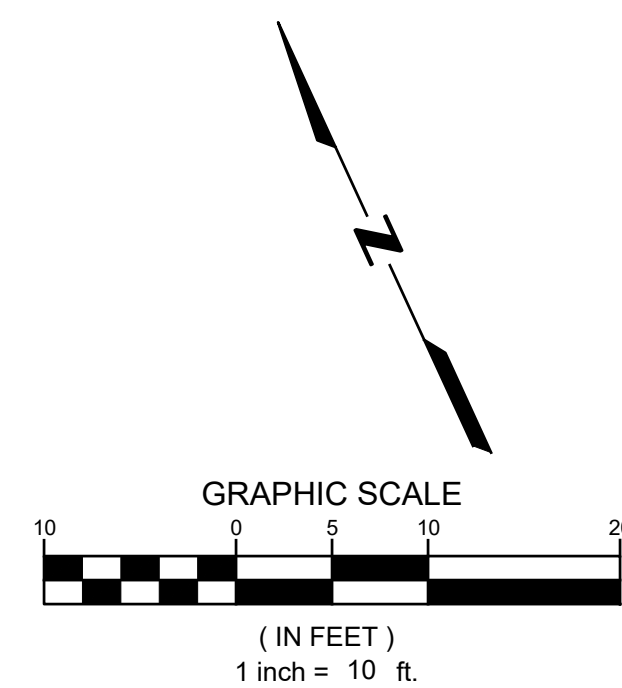
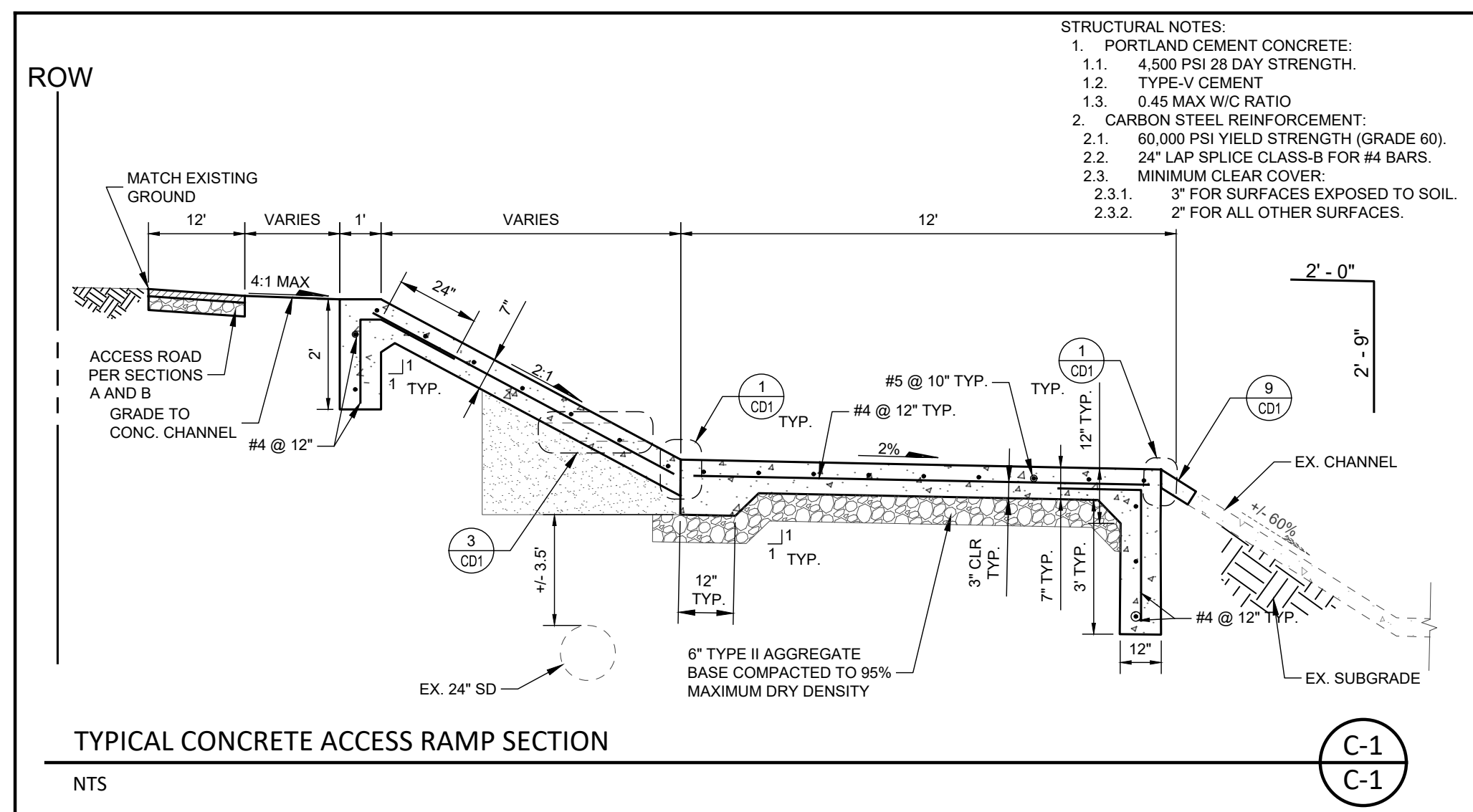
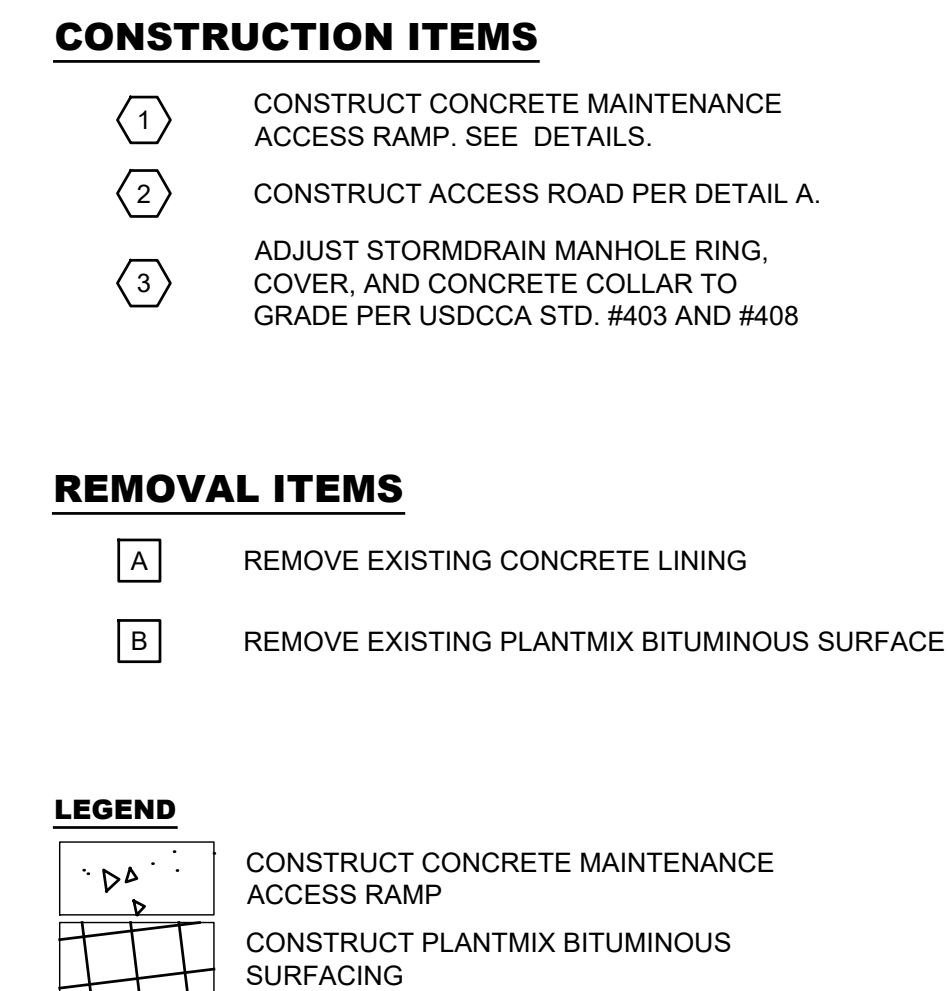
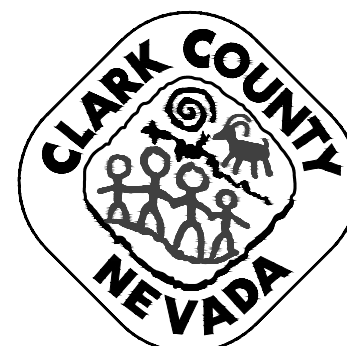
SHEET 1 OF 2

No. 967
FILED AT THE REQUEST OF
CLARK COUNTY
DATED 3/20/00 AT N:04 M.
FILE 108 PAGE 0026
OF SURVEYS

OFFICIAL RECORDS BOOK
No. 20002300 OF
CLARK COUNTY, NEVADA. RECORDS
JUDITH A. VANDEVER - RECORDER
FEE \$ 0.00 205 DEPUTY

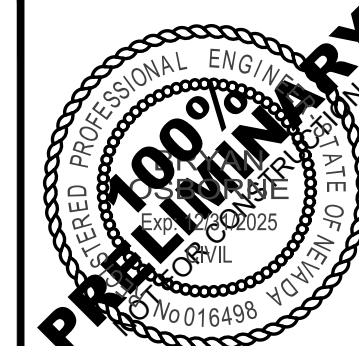
PAGE 0026



[illegible]

FLAMINGO WASH - NORTH FORK ACCESS RAMP
REMOVAL AND CONSTRUCTION PLAN

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



		SCALE		SHEET No	
DESIGNED BY:	JM/JT	HORIZ: 1" = 10'		<div style="font-size: 48pt; font-weight: bold; text-align: center;">C-1</div>	
DRAWN BY:	JM/JT	VERT: NONE			
CHECKED BY:	BO	FIELD BOOK 60-21-74			
DATE:	May 28, 2025	WORK ORDER 2024-005			
		PROJECT No. XXXXXX		5 OF 6	
				L-2495	

FLAMINGO WASH - NORTH FORK ACCESS RAMP

PRELIMINARY - NOT FOR CONSTRUCTION



SHEET No

CD-1

6 OF 6

L-2495