



Department of Transportation
Board of Directors
Notice of Public Meeting
1263 South Stewart Street
Third Floor Conference Room
Carson City, Nevada
October 14, 2019 – 9:30 A.M.

AGENDA

1. Welcome / Call to Order
Governor Steve Sisolak, Lieutenant Governor Kate Marshall, Controller Catherine Byrne, Virginia Valentine, Len Savage, B.J. Almberg, Jr.
 2. Presentation of Retirement Plaques to 25+ Year Employees – *Informational item only.*
 3. Presentation of Awards – *Informational item only.*
 4. Public Comment (The first public comment is limited to comments on items on the agenda. No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item. The Chair of the Board will impose a time limit of three (3) minutes.)
 5. Approval of the August 19, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes – *For possible action.*
 6. Receive Director's Report – *Informational item only.*
 7. Consideration for approval of Contracts over \$5,000,000 – *For possible action.*
 8. Consideration for approval of Agreements over \$300,000 – *For possible action.*
 9. Contracts, Agreements, and Settlements – Pursuant to NRS 408.131 the Board may delegate authority to the Director which the Director may exercise pursuant to NRS 408.205. These items and matters have been delegated to the Director by the Board by resolutions in April 1990 and July 2011. *Informational item only.*
 10. Consideration of proposed equipment purchase in excess of \$50,000 – Land Survey Equipment GPS Base and Rover Systems pursuant to NRS 408.389. – *For possible action.*
 11. Consideration of the Director of the Nevada Department of Transportation's Delegated Authority – *Pursuant to NRS 408.131 the Board may delegate authority to the Director which the Director may exercise pursuant to NRS 408.205.* The Board may consider the current delegation of authority and whether any changes or modifications are warranted. *-For possible action.*
 12. Public Comment (This public comment period is for any matter that is within the jurisdiction of the public body. No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item. The Chair of the Board will impose a time limit of three (3) minutes.)
 13. Adjournment – *For possible action.*
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NOTES:

- Items on the agenda may be taken out of order.
- The Board may combine two or more agenda items for consideration.
- The Board may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.
- The Board will limit public comments to three (3) minutes per speaker and may place other reasonable restrictions on the time, place, and manner of the public comments based upon viewpoint.
- Reasonable efforts will be made to assist and accommodate physically handicapped persons desiring to attend the meeting. If special arrangements for the meeting are necessary, please notify Renee Jacobs at (775) 888-7440 or rjacobs@dot.nv.gov as soon as possible and at least two (2) days in advance of the meeting.
- This meeting is also expected to be available via video-conferencing, at the Nevada Department of Transportation District One Office located at 123 East Washington, Las Vegas, Nevada in the Conference Room and at the District III Office located at 1951 Idaho Street, Elko, Nevada.
- Copies of non-confidential supporting materials provided to the Board are available upon request.
- Request for such supporting materials should be made to Renee Jacobs at (775) 888-7440 or rjacobs@dot.nv.gov.
- Such supporting material is available at 1263 South Stewart Street, Carson City, Nevada 89712 and, if available on-line, at www.nevadadot.com.

This agenda was posted at the following locations:

<https://www.nevadadot.com/doing-business/public-involvement-information>

Nevada Dept. of Transportation
1263 South Stewart Street
Carson City, Nevada

Nevada Dept. of Transportation
123 East Washington
Las Vegas, Nevada

Nevada Dept. of Transportation
310 Galletti Way
Sparks, Nevada

Nevada Dept. of Transportation
1951 Idaho Street
Elko, Nevada

Governor's Office
Capitol Building
Carson City, Nevada

State of Nevada Gov.
<https://notice.nv.gov/>



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

October 4, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, Director
SUBJECT: October 14, 2019 Transportation Board of Directors Meeting
ITEM #3: Presentation of Awards – Informational Item Only

Summary: This item is to recognize the Department of Transportation and staff for awards and recognition received.

AWARD: American Concrete Pipe Association Project Achievement Award

RECIPIENT: NDOT Project Neon and Rinker Materials

The American Concrete Pipe Association's Project Achievement Award recognizes agencies who have demonstrated creative and innovative uses of precast boxes or pipes, and how those structures can support public infrastructure.

The award recognizes the Department's and Rinker Materials' partnership in designing and supplying underground infrastructure to support the busiest stretch of highway in Nevada through Project Neon. The largest public transportation project in state history, Project Neon has widened nearly four miles of Interstate 15 between Sahara Avenue and the "Spaghetti Bowl" interchange in downtown Las Vegas to enhance traffic safety and mobility for the approximately 300,000 drivers traveling the stretch of interstate daily.

Rinker Materials supplied approximately 7,000 linear feet of concrete box culverts and nearly 50,000 linear feet of concrete pipe for this project. Manufactured at their Las Vegas site, the products were made specifically to fit the needs of Project Neon and were ready to install upon arrival to the job site, creating a fast turnaround.

The award will be presented at the annual American Association of State Highway and Transportation Officials' Committee on Bridges and Structures meeting and featured in an upcoming edition of Concrete Pipe News.

MEMORANDUM

To: Department of Transportation Board of Directors

October 4, 2019

Page 2

AWARD: INTERNATIONAL PARTNERING INSTITUTE, PARTNERING AWARD

RECIPIENT: NDOT and AMES CONSTRUCTION, INC.

The International Partnering Institute's mission is to "transform the construction industry to achieve exceptional results through a culture of collaboration." The organization awarded the collaborative efforts of NDOT and Ames Construction, Inc. for their partnership on the \$63 million I-15 US-93 Garnet Design-Build Project.

The International Partnering Institute, Partnering Award recognizes teams that use Partnering principles and best practices and demonstrate meaningful positive impact from partnering their project. They awarded this "Sapphire Level" award to this duo for many reasons, including having clear and specific goals, empowering team members and utilizing many communication tools, such as public meetings with stakeholders, social media, a website and press releases.

NDOT and Ames recognized an opportunity to employ a collaborative process that allowed for the ongoing application of partnership throughout the length of a project; from designing, working together through construction and ultimately completing with a formal close-out. This process built the bonds of teamwork and understanding. Working through issues in a communicative way, the team was also able to finish the project on time, under the projected budget and had no lost time or accidents.

AWARD: American Public Works Association, Nevada Chapter Transportation Project of Year Under \$5 Million

RECIPIENT: NDOT State Route 88 and Centerville Compact Roundabout

As increasing traffic on State Route 88 in Douglas County tragically brought increasing crashes at the intersection of State Route 88 and Centerville Lane, NDOT conducted safety analyses, including a full traffic signal evaluation and sight-distance review.

As the best measure to enhance traffic safety, NDOT expedited construction of a compact traffic roundabout. Because traffic enters and exits through right turns only in the one-way circular intersection, the occurrence of severe right-angle crashes in roundabouts is substantially less than in many four-way intersections. Roundabouts also have the ability to reduce potentially deadly rear-end crashes which can occur at certain traffic lights. In fact, an Insurance Institute for Highway Safety study found that converting 23 specific intersections from traffic signals to roundabouts reduced injury crashes by 80 percent.

MEMORANDUM

To: Department of Transportation Board of Directors

October 4, 2019

Page 3

AWARD: American Public Works Association, Nevada Chapter Project of Year - Disaster or Emergency Repair

RECIPIENT: NDOT U.S. 50 Logan Shoals Slope Stabilization Project

In 2017 during the region's heaviest precipitation on record, numerous boulders roughly the size of large passenger vehicles fell from a roadside slope onto eastbound travel lanes of U.S. 50 near Cave Rock. No vehicles were involved in the slides, and no injuries reported. For safety, travel lanes were reduced, with both directions of traffic shifted away from the rock fall area.

NDOT constructed a roadside wall to help prevent future erosion. The wall stabilizes the approximately 60-foot high slope by encasing it in concrete. Boulders and debris were first cleaned from the bottom of the slope. Then, anchor bars drilled into the slope were secured by heavy-duty mesh and covered with more than 16 inches of sprayable "shotcrete" concrete to create what is called a soil nail wall. Roadway surface and curbing damaged by the boulders were also repaired; all to create a safer stretch of road.

AWARD: Federal Highway Administration 2019 Environmental Excellence Award

RECIPIENT: NDOT and I-80/U.S. 93 Wildlife Safety Improvement Partners

The Federal Highway Administration selected NDOT's *Wildlife and Safety Improvements* along Interstate 80 and U.S. 93 as the recipient of a 2019 Environmental Excellence Award. This award recognizes the exemplary achievements of NDOT and partners.

Since 2010, NDOT and partners have installed nine roadway crossings on I-80 between Wendover and Wells and U.S. 93 north of Wells to reduce potentially dangerous vehicle-animal collisions. The wildlife crossings are covered with native soil and vegetation to replicate the natural environment and encourage crossing by deer and other animals. Deer fencing is installed on both sides of the crossings to help direct animals to the crossings.

The crossings are a landscape-scale approach to improving traffic safety and habitat connectivity. NDOT and the Nevada Department of Wildlife partnered to identify the most critical deer migration and roadway crossings points, including GPS collars installed by NDOW to track the migratory movements of hundreds of deer. Research conducted by the University of Nevada, Reno shows that, during the first four years in which the U.S. 93 safety crossings were installed, more than 35,000 mule deer used a safety crossing during their seasonal migrations; keeping them off the road and helping prevent potential collisions with vehicles.

These biennial awards recognize leaders across the country who make outstanding contributions to environmental stewardship and partnerships above and beyond traditional transportation projects. The FHWA recognized NDOT's commitment to environmental stewardship and stated that the selection process was extremely difficult because of the high caliber of nominations, making NDOT's receipt of this competitive award a real achievement.

MEMORANDUM

To: Department of Transportation Board of Directors

October 4, 2019

Page 4

AWARD: 2018 NDOT Excellence in Partnering Gold Award

PROJECT: Contract 3629, I-15 Widening, Craig to Speedway

PLAQUE RECIPIENTS: NDOT Construction Crew 903; Las Vegas Paving

CERTIFICATE RECIPIENTS: Ventura Consulting

The 2018 Excellence in Partnering Award Gold recognizes the collaborative efforts of NDOT Construction Crew 903, the contractor, Las Vegas Paving and the Partnering Facilitator, Neal Flesner of Ventura Consulting Group in the completion of the widening of I-15 from Craig Road to Speedway Blvd.

This contract required close coordination between NDOT, the contractor and multiple stakeholders to ensure the success of the project. The team worked diligently to identify the project challenges related to the limitation of operations and phasing the construction of the project around several major events. The team was able to re-phase the project which saved over six months of mainline construction time and reduced the overall project to a single season. The team also identified additional challenges such as new air quality requirements as well as unidentified utilities. The team successfully partnered with Clark County and the utility stakeholders to minimize the cost and schedule impacts to the project.

AWARD: 2018 Excellence in Partnering Silver Award

PROJECT: Garnet Interchange Design-Build Project

PLAQUE RECIPIENTS: NDOT Construction Crew 903; Ames Construction; Horrocks Engineers

CERTIFICATE RECIPIENTS: NDOT Project Management; RHA, LLC.

The 2018 Excellence in Partnering Silver Award recognizes NDOT Construction Crew 903, NDOT Project Management, Ames Construction, Horrocks Engineers, Road and Highway Builders (RHB), subcontractors, and partnering facilitator, Renee Hoekstra, RHA & Associates in their successful completion of the Garnet Interchange Design-Build Project.

This high-profile project utilized innovative strategies to overcome challenges such as the use of pre-cast deck panels, which were the first to be used on an NDOT project. The team also developed and delivered three early design packages which were critical to achieving the schedule goals. Through partnering, the team was able to work through the challenges and deliver a successful project.

MEMORANDUM

To: Department of Transportation Board of Directors

October 4, 2019

Page 5

AWARD: 2018 Excellence in Partnering Silver Award

PROJECT: Contract 3580, Boulder City Bypass – Phase 1

RECIPIENTS: NDOT Construction Crew 916; Fisher Sand and Gravel Co.

CERTIFICATE RECIPIENTS: Green Com, Inc.

The 2018 Excellence in Partnering Gold Award recognizes NDOT Construction Crew 916, Fisher Sand and Gravel Co., and Dennis Green of Green Com in the successful completion of Contract 3580, Boulder City Bypass - Phase 1.

This project involved many state, federal and private partners including NDOT, FHWA, Clark County, City of Henderson, Boulder City, RTC, utility companies, local business owners and residents. The team was able to use partnering practices to ensure the success of this major and vital project for the enhancement of regional mobility. By working together, the project team was able to improve productivity by producing materials on-site and came up with innovative solutions such as the expediting of the design and construction of a bridge at Silverline road utilizing a design-build process. This eliminated a potential six-month delay and preserved access to local businesses.

AWARD: 2018 Excellence in Partnering Frontier Award

PROJECT: Contract 3691, US 50, from Churchill/Lander county line to 0.52 miles east of SR 305

RECIPIENTS: NDOT Construction Crew 912; Road & Highway Builders; Top Quality Resources

The 2017 Excellence in Partnering Frontier Award recognizes NDOT Elko Construction Crew 912, the contractor Road and Highway Builders and the Partnering Facilitator, Ron Portaro of Top Quality Resources.

NDOT and RHB were faced with challenges during the construction of this project. NDOT and RHB partnered together to overcome the difficult task of setting up the mobile field office for Crew 912. The team was also able to manage the multiple audits on the project including an EEO audit and a stormwater enforcement audit. NDOT and RHB worked together to resolve the issues and reach compliance. This project is a continuation of the strong partnering relationship NDOT and RHB have built over the past several years.

Recommendation for Board Action: This is an informational item only.

Prepared by: Holly Hutchings and Meg Ragonese, *NDOT Public Information Officers*



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Meeting Location:	1263 South Stewart Street Third Floor Conference Room Carson City, Nevada 89712	123 East Washington Avenue Building B Las Vegas, Nevada 89101
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1. Welcome/Call to Order

Governor Sisolak called the meeting to order on Monday, August 19, 2019 at 9:30 A.M. A roll call was conducted, and a **quorum was established**.

2. Public Comment

None.

3. Approval of the June 17, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes (For Possible Action)

There were no corrections or changes in the Minutes.

Motion: Approve the June 17, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes

By: Lieutenant Governor Marshall

Vote: Passed unanimously

4. Receive Director's Report (Informational Item)

Director Swallow began her report with a fatality update. So far this year, unrestrained occupant fatalities are down by 40 percent, but there's been a 25 percent increase in bike fatalities (5 deaths so far.) The Director said they have focused safety campaigns that occur throughout the entire year, and the next one is scheduled August 25th until September 10th. The focus will be on reducing impaired driving, especially during the holiday weekend and the end of summer. NDOT plans these educational campaigns with as much flexibility as possible in trying to make sure that people understand that everyone needs to use the road safely and for the benefit of every driver out there.

Director Swallow moved on to the topic of the NDOT reorganization. The Department is reorganizing the three deputy directors around programs and how programs are delivered. There will be a deputy director responsible



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

for planning and performance, not just setting out the plan, but measuring and monitoring the performance and adjusting the plan as needed to achieve the outcomes that are desired. There will be a deputy director responsible for project delivery and, finally, a deputy director responsible for operations and maintenance. They've assigned out the workflow a little bit better and, again, aligned it along programmatic lines within the organization. There will still be a deputy director who resides in the south. That just won't be their title, the Southern Deputy. They will have a title that is in line with what their programmatic function is for the organization. In this case, it is Operations and Maintenance. There will always be a deputy director in the south and they will be aligned programmatically.

The resident engineers, who are responsible for making sure the projects go smoothly when they go out to construction, are still staying within the districts and reporting through the districts as part of their job which is what they do currently.

The Department is planning to combine the Environmental and the Storm Water Divisions. They're very closely aligned, and there could be some benefits there with lining them up. Staff is lining up the programmatic lines and making sure that they achieve the efficiency and communications needed to get the program going even better than before.

The Director moved on to an update (previously requested by Member Savage) on the Nevada Pacific Parkway. The Nevada Pacific Parkway is a long, longstanding project. It started with a private developer building the existing roadway. They coordinated and entered into a contract with NDOT to first do the interchange, Phase 1, the new interchange, and then, ultimately, Phase 2.

It was a partnership agreement wherein the developer was conditioned to build Phase 3, the new roadway. Unfortunately, the developer did not follow through with that, the agreement was expiring, and there were no enforcement terms in the agreement. NDOT negotiated with that developer, as they were getting ready to sell. They have sold the property and NDOT negotiated that as a condition of the sale, they would give the Department \$2,000,000 that will be used for the intersection at US 50A and Nevada Pacific Parkway.

In addition, NDOT will be doing the signal and doing some pavement upgrades and maintenance on the existing roadway. The new developer will be responsible for building that final Phase 3 at such time as it is needed for development and for the access. NDOT will be doing that intersection at US 50, and then another one further down the road at River Ranch.



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

The plan is to do those intersections next year to help improve the mobility and safety along US 50A. It was a long agreement. It was hard fought trying to figure out how best to benefit the Department, but also not inhibit the growth of the area as the sale happened. The Director said they were “between a rock and a hard place, and they shimmied out as best as they could.”

Member Savage thanked Director Swallow for the thorough, yet concise, report. He said he was “disgusted” that the developers didn’t follow through with their agreement. He said that moving forward, they don’t want to set a precedent. He wants to make sure all agreements are exposed to the Board for the betterment of the fiduciary responsibility to the people of Nevada. He said he was grateful for the new developer, the Mark IV Group, and he’s optimistic that this work will be done with their dollars because there were a lot of dollars spent that didn’t get done.

Governor Sisolak said he appreciated Member Savage’s comments, and then he shared his opinions. The Governor said he was very disappointed this happened, and part of the blame does come to them on their legal folks. He said he didn’t know how this got through and why it wasn’t more ironclad at the beginning that it would not fall to them. He said every time this has happened in his previous career it’s always “well these people aren’t here anymore, and those people aren’t here anymore” and ultimately the citizens end up paying.

It’s really, really unfortunate. The Department needs to button these things down and make sure that they’re not held out there and susceptible in the future because it’s not right; it’s just not right.

Director Swallow said she agreed 100%. She was shocked to find they didn’t have any real enforcement provisions in the agreement. She said they learned some important lessons on how those agreements need to be written in the future and the plan is to write them differently moving forward.

Director Swallow moved on to the topic of the Spaghetti Bowl Xpress. The Department is committed to delivering this project, although there will be a six- to eight-month delay before it’s completed. Late last year, the Department received two proposals on the design build contract, and both were far beyond Department engineering estimates. Staff felt that they needed to get those numbers further in line. After conversations with the two responsive proposers, they found that unless they were willing to significantly adjust the scope of the project, they weren’t going to get a change in their fee proposal. As a result, the Department decided to move forward with the design bid build contract, and they are actively working on the final design documents now. The project will be delivered through traditional bid-build process. Staff believes that doing this will reduce the items that those two proposers had included extra risk in. If they can reduce that risk, the numbers can come in closer to what the engineer estimate is. The first part of the project will be delivered early next year. That will



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

be utilities and walls that will help facilitate getting everything out of the way so that when they can do the actual project, it will go much quicker and have less of an impact on the public. Ultimately, the final delivery, all done, should be late 2023.

Lieutenant Governor Marshall thanked the Director for the update. She said her office had been receiving many calls, and it was good to have this specific information to share. It's very important that the community in Reno understands that the Department is very serious about getting this done. Director Swallow reiterated the Department is committed to this project. They are moving forward, and the Board will be apprised if there are any changes or delays.

Director Swallow moved on to the topic of the HOV lanes in Las Vegas. The city of Las Vegas City Council voted to approve a resolution asking the Department to repeal the 24/7 enforcement and return to peak hour policy on those HOV lanes. The Department checked with their Federal partners and learned that in the development of the 24-hour policy and the development of the entire system, because they're all in the middle, they were conditioned upon the 24/7 operation. If they were to repeal the 24/7, it would threaten the NEPA approval of the Tropicana Interchange as well as possibly the exits at the Symphony Park. They want to make sure that they don't act too fast and threaten the overall systems' efficiencies and improvements. So, for now, the Department is leaving the HOV lanes as 24/7 while they gather data and monitor the system as a whole.

Director Swallow shared some happy Department news about the Star Interchange. This was a badly needed interchange between Cactus and St. Rose Parkway in the south part of the Las Vegas Valley. The Star Interchange is being finalized; the Department is buttoning it up right now. There will be a ribbon cutting on September 18th to celebrate this new access across the I-15 in the southern valley.

Director Swallow closed her remarks by acknowledging Member Savage for his long and noteworthy efforts serving the Board. The Director said Member Savage "always had very thoughtful questions and feedback for us as the Department worked to improve efficiencies and outcomes." She thanked him for his commitment to stay on until his replacement, but wanted to make sure he was personally thanked for his dedicated service.

The Director said Member Savage was a true "Transportation Champion" and he was presented with a commemorative coin bearing the Seal of Nevada and the NDOT logo.

Member Savage thanked the Director, the Governor, the Lieutenant Governor, and all the Departments. He then said, "The last eight years have been a great run. And I know the next many years ahead will be good as well for the state of Nevada and the Department of Transportation. As a fifth generation native Nevadan holding



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Contractor's License #10, it's been an incredible honor and privilege to have served for this Board of Directors and the State of Nevada's Department of Transportation the last eight years. I'm going to miss everyone, and I know the Department is very, very strong. With Governor Sisolak's administration, Director Swallow and the many good deputy directors and assistant directors that we have, we're in good hands, strong hands. I'll always be here, and as long as you need me, Governor, I'll continue to serve, but I'll know the next replacement will be better and stronger."

Governor Sisolak responded that nobody would be better and stronger, and he thanked Member Savage for agreeing to serve until his replacement was found.

5. Approval of Agreements Over \$300,000 (For Possible Action)

Director Swallow said there were 12 agreements for approval. Discussion on particulars follows:

Mr. Mortensen clarified a line item error on line item 2 on the Negotiations Summary on Page 24 of 278. There was an error on line 1 from negotiations leading or yielding the following, the number should be \$1,459,644 instead of the \$1,385,546. With that number in there, the rest of the math works out. The agreement is correct itself. It was just an error in the negotiation summary.

Member Almberg had a request concerning Item 2. He stated he has made this request several times. He said on Page 24, they list the total number of man hours projected. Member Almberg would like to see a breakdown of those hours based on different tasks. Somewhere along the way they determined what those man-hours are, whether that's the engineers, project managers, or field technicians. Member Almberg wants just a very broad breakdown of hours of how that's being done in the field. It's a request that he would like to see in future Board books.

Member Almberg had a question on Number 4, having to do with Switch and some telecommunications stuff going out on USA Parkway. SB53 was passed two years ago in the Legislature, stating telecommunication equipment had to be installed with NDOT projects. Member Almberg's question was: how is NDOT going to deal with this down the road in the future because that is an additional budget burden on projects? What are they going to do in the future to account for that additional budget requirement? And then the other question is: NDOT is paying \$300,000 for Switch to install some improvements. What are those improvements and what do they do to benefit NDOT?

Ms. Denise Inda, Chief Traffic Operations Engineer at NDOT responded to the questions about Switch:



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

SB53 was passed during the 2017 Legislative Session. It made a variety of revisions, but the ones that related to the Department were giving NDOT the authority to share and trade telecommunications facilities with telecom companies. NDOT modeled this after a very successful program that has been going on in Utah through the Utah Department of Transportation for over 20 years. Utah has been able to build a hugely significant extensive fiber communications network throughout their state in rural areas, in urban areas, at a very, very reduced cost because of this partnering and sharing of infrastructure with telecom firms. So, when NDOT built the new section of USA Parkway, they included fiber infrastructure, the conduits only, not fibers themselves.

The Department knew that that was an area that they want to connect fiber between I-80 and US 50, so added in the new section trenching and conduits adequate for NDOT's use, and then because SB53 was coming on, also added in four spare conduits, and built that in. Shortly after the contract being complete, NDOT entered into an agreement with Switch for use of one of those shared conduits, and NDOT assessed the value of that infrastructure based on construction costs and entered into an agreement for that amount.

That gets the connectivity from US 50 up to a certain point where the new road stops. Then, there's existing road that was already there between that connecting point and the Switch facility and so what this agreement did was Switch went in under an encroachment permit with the Department. They built infrastructure where there was zero infrastructure to connect it in so that they could get all the way to their facility.

The Department worked and negotiated with Switch and said, it is NDOT's intent and it is in NDOT's best interest to get connectivity all the way to I-80. While you're in there building your infrastructure that's permitted to you, would you consider a joint build, to build necessary infrastructure for NDOT and then NDOT will compensate you for the construction of that portion of work? They were agreeable, and that agreement went through. That's what this agreement is for is to reimburse Switch for the construction of facilities that will and do belong to NDOT that we can use for ourselves as well as for future trades.

There are a variety of telecom providers and other interested parties that the Department is working with and talking with to continue that infrastructure expansion and get the necessary connectivity that is needed.

Member Almberg said he was very supportive of the item and has been dedicated to getting broadband into some of the rural communities as a part of this bill. Member Almberg said he wants to make sure that the Department is long-term planning for this since NDOT is footing the cost for putting the telecommunication in. That does actually take budget money away from project completion and stuff on the surface that NDOT is normally looked at for roadway paving, sidewalks, et cetera. The Department needs to make sure that they



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

basically plan for this down the road in the future because this, in a sense, was an unfunded mandate that Member Almberg supported.

Member Almberg had a question on Number 6, Waycare Technologies. Could someone expand on how this works exactly?

Director Swallow explained that Waycare is a company that they have been partnering with to help improve safety and efficiency and mobility along the major corridors in southern Nevada. Waycare uses AI and machine learning for predictive analytics to identify where a crash may occur and then in doing that, are able to pre-stage emergency response vehicles and have a quicker response. They've been able to reduce response times by up to 12 minutes, which is 12 minutes less of congestion and less opportunity for secondary collisions. Additionally, this will enable the Department to be more efficient and effective with freeway service patrol vehicles. It's really to improve efficiency and effectiveness in many aspects of NDOT's program. The Department is looking forward to broadening it and including northern Nevada as part of that because it is a very cost-effective way to reduce collisions, reduce congestion and keep everybody getting to where they need to be.

Member Almberg said he was completely on board with this innovative use of technology. Is there a way that they can carry this on to the rural highways? There are many close calls out on those highways. If there are ways that people can record close calls and maybe down the road in the future they can start to predict areas that are actually truly unsafe and they won't have to rely on crash data, but when all close calls or something show up in these areas, those places can be identified and looked at.

Member Savage had some questions/comments on Item 3 on Page 3 of 278 for the Kimley-Horn Associates and Parsons Transportation. On the second amendment, the No Cost Amendment, they extend the termination date from 9/30/19 to 9/30/21, no cost. But today, on August 19, 2019, there's an additional cost. Member Savage said, "it's good business to get the costs at the time of the extension of the amendment. So please be aware of that moving forward."

The second item is on this summary – it says no Federal funding, but on Page 46 of 278 in the packet under Agenda Item 3, it says it is federally funded. The documentation on Page 46 of 278 does say it's Federally funded, but on the Recap and Summary it says it is not. Could someone clarify that, please? Ms. Sondra Rosenberg, Assistant Director for Planning, responded. It is federally funded. What happened was the original agreement may have been state funds and then when the Department added this additional two years' worth of design services, they're using Federal funds for that.



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Member Savage said on Item 12 with the CA Group, it's the same situation. On Page 228 of 278 in Section 12, it says it is federally funded. On the summary, it says it is not federally funded. It is an I-15 project, so it's probably Federally funded. Which is it? Mr. Cole Mortensen, Assistant Director of Engineering, said he suspected that that was a typo in the summary sheet, and he'll get back to Member Savage on that one.

Governor Sisolak told Director Swallow that while he appreciated all the hard work put in getting the agreements together, typos and oversights "weren't going to cut it." He said it's really important that they get it right, and that is his expectation going forward. With that, he said he would accept a motion on Agenda Item 5.

Motion: Approve Agreements Over \$300,000 under Agenda Item Number 5

By: Member Savage

Vote: Passed unanimously

6. Contracts, Agreements, and Settlements (Informational Item)

Governor Sisolak asked if Members had any questions on the information items under 6.

Member Savage asked about Attachment B, number 18, for the parcel acquisition of \$8,365,000. He wondered why this amount wasn't discussed directly to the Board rather than in the executed agreements?

Mr. Robert Nellis, Assistant Director for Administration, responded that right of way agreements are delegated under the informational items per the March 2014 Board approval. Member Savage said he understood the right of way agreements; he just thought the magnitude of the \$8.3 million would justify a discussion in front of the Board.

Governor Sisolak asked wasn't there an amount threshold?

Director Swallow explained that this acquisition was part of the Spaghetti Bowl Xpress Project and they are trying to get through that. Once the project is approved and they move forward, those right of way acquisitions needed are delegated, but they can revisit that and the overall matrix in terms of right of way acquisitions and other types of agreements.

The Governor asked do they delegate it in any amount, without restriction? Mr. Nellis responded that it is for any amount that is delegated informational only when it's concerning right of way associated with the project that has been approved.



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Governor Sisolak said he wants a threshold on that. He does not want to delay things, but he wants a threshold.

Director Swallow asked if the Department could do an analysis of the right of way acquisitions, they've done in the past three years so that the Governor would have an understanding of what the magnitudes of those are and the numbers? They could complete that in two weeks.

Mr. Nellis said according to the 2014 Board matrix that was approved for what should be delegated and what should be approved, the reason why it's delegated is because it has to follow the FHWA process that's defined under 23CRF, so these are defined through a Federal process. Mr. Nellis said he was sure that's what the Board's original thinking was, that there were checks and balance already in place there.

Governor Sisolak asked could that matrix be changed? Director Swallow said yes. The Governor said the matrix would definitely be changed; it was just a question of how low he's going to go on the change. The Director said she would get him that data in terms of the acquisitions they've done in the last three years so that he has an idea of what the impact of that might be.

7. Approval of the Director of the Nevada Department of Transportation's Delegated Authority (For Possible Action)

Director Swallow reported that the audit that was conducted last year indicated that they should revisit the delegated authority with the new administration, and that is the item up for consideration by the Board. The current thresholds are agreements up to \$300,000 and contracts up to \$5,000,000 have been delegated.

Governor Sisolak asked what are the proposals?

Director Swallow said they could consider doing nothing. There are two other proposals, but they can do any iteration of them. Option A is: annually the Board will approve the Annual Work Program. Any significant changes to that Annual Work Program will come back to the Board, but with the approval of the Annual Work Program, you will delegate those unless they are more than 20 percent above. The Department will proceed with those items that are in the Annual Work Program as delegated authority with the exception of those that come in at greater than 20 percent above the number in the program. And then any agreement not in the work program over \$1,000,000 or any contract not in the work program over \$15,000,000. With the Annual Work Program, the intent is that what you say goes, goes. If there are any significant changes to that throughout the year, it will come back for approval so that there aren't surprises that something changed. It will be very transparent.



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Option B is simply adjusting the current delegated authority from \$300,000 for agreements to \$1,000,000, contracts from \$5,000,000 to \$15,000,000. Option C is stay as is, and of course, there could be other options.

Governor Sisolak asked if there was Director input on any of the three options since it was a discussion item. Director Swallow said it was for discussion and action, but they could postpone action until the next Board meeting.

Governor Sisolak asked in the spirit of transparency, how could they take action when the Department didn't post the options? The Governor asked how this was listed on the agenda. If you don't post the options, you can't take action on the options.

Mr. Dennis Gallagher, Counsel to the Board, said the options weren't presented as a Board exhibit as part of the meeting materials, but is being presented at this meeting for the Board's consideration. The Board can certainly say they'd like more time to review this or they'd like some backup information.

The Governor asked how was somebody going to be able to come here and comment on these three options if they don't know what the three options are? He said he would prefer that they err on the side of more transparency, not less transparency. Someone might have a problem with \$15,000,000 in the annual deal, and they might have a very legitimate reason. And to take that action without giving them the opportunity to speak as it relates to that? The Governor thinks that is unfair.

He went on to say they would not be taking any action on this because he wants everything posted as part of the Agenda. They're posting all kinds of stuff that he doesn't think is really needed, but this is important, and to not have these three options on there so that members of the public or the industry can come forward and say this is too much or this isn't enough, is unfair to the public.

Member Savage said he agreed 1,000 percent. He didn't see any of the support documentation that he was looking for, and he believes at this time it's too early to make a change. He said he was glad the Governor was postponing this for further review and further discussion for future Board meetings. He thanked the Governor for the oversight.

Lieutenant Governor Marshall said it would be helpful to understand how they arrived at those numbers, and why they chose those numbers and what has happened since they had these old numbers. This would demonstrate how they're trying to build efficiency and not waste people's time but be fully transparent.



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

The other thing the Lieutenant Governor suggested was putting as an option any other proposals in case the Board members come up with some intermingling of what the staff has. And then sometimes in Boards where you might have things listed and then if someone wants to take that out and have it specifically considered they can.

Member Almberg said he completely agreed with the Governor. It's hard to come in and make this type of decision without the backup material that is basically just being presented here. He said he thinks it may be too early to make this change along with the restructuring of the deputy directors, with going to a bi-monthly meeting, and increasing the authority. It takes the Board a step further away from the happenings and responsibilities to this Board. Member Almberg said he is not supportive of this change at this point in time.

Governor Sisolak closed out this Agenda item by saying they are going to get a lot more clarification and transparency on this. He wants everything as part of the background material so that the Board and the general public can know all the details.

8. Approval of the Fiscal Year 2020 NDOT Annual Work Program (For Possible Action)

Ms. Sondra Rosenberg, Assistant Director for Planning, presented the report on the 2020 Annual Work Program. The Annual Work Program is a listing of projects that NDOT plans on beginning in the Federal fiscal year or has a role in and includes anticipated costs. Generally, this includes the first year of the Statewide Transportation Improvement Program (STIP) plus state administered projects that are not required in the Federal document.

The Department kind of balances the Federal requirements as well as the state requirements in the online electronic STIP which has everything they're involved in. It's publicly available for use for searching at estip.nevadadot.com. The program has developed using a number of sources, performance metrics, and needs identification from the constituents. The Department also has a number of federally required and state required performance metrics that they are constantly tracking and reporting on.

In order to maintain performance, maintain assets, and improve safety conditions on the roadways, they get feedback on what projects need to be considered, what projects need to be accelerated and what projects can be delivered in a timely manner. And the funding identification shows what they can get ready with the resources available.

This annual work program is really the result of a much broader planning process that really begins with the One Nevada Transportation Plan. That was the long-range plan that was adopted at the end of last year. NDOT also



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

works very closely with the Metropolitan Planning Organizations and the rural counties as well to identify the needs, identify the Federal allocations as well as the Federal performance metrics they have to track, and align them with Department goals to enhance safety, preserve infrastructure, optimize mobility, transform economies, foster sustainability and connect communities.

NDOT is in the process of implementing that statewide long-range plan, the One Nevada Plan that was adopted last year. That really sets the framework. They got broad consensus and buy-in on those goal areas. Now the Department needs to do the hard work to develop the process and the data to ensure a fully transparent and performance driven, data driven process.

On those Federal planning documents, the Metropolitan Planning Organizations, that's RTC Southern Nevada, RTC Washoe, Campo, Carson Area Metropolitan Planning Organization, and NTRPA in the Tahoe Basin, are all required to do a 20-year regional transportation plan that needs to be fiscally constrained and performance driven. NDOT is a part of that process because NDOT projects also need to be included in those metropolitan plans. That leads into a four-year fiscally constrained program of federally funded and regionally significant projects in those MPO areas. NDOT doesn't make the decisions alone in terms of what projects are delivered in those metropolitan areas. That's a coordinated process with those agencies. Those TIPS, those regional plans, for the four-year fiscally constrained, again federally funded, regionally significant projects, feed into NDOT's STIP. The Department cannot change those TIPS; they have to accept them as they are and include them in with the rest of the statewide projects.

There are state requirements in statute as well. The Department tries to align those very well because the general public may not understand the difference between the state requirements and the Federal requirements, so again there's a long-range plan, a short-range element which is aligned with the STIP, and then the annual work program, the current year, first year of the STIP plus the administered projects.

It's a continuous development process to develop and update the planning documents. It begins in the fall with county workshops. Department staff will go out to the rural counties, hold a workshop on our goals and priorities, hear feedback from them in terms of what their priorities are, work on project updates, and the MPO coordination process is ongoing. Staff meets with the MPO planners every month in what's called the PEG, Planning Executive Group, on not just projects, but process as well to make sure we are aligning our processes as much as possible. And then during the summer, staff conducts county tours. The Director or another member of leadership staff goes to the county commissions and presents the planned Annual Work Program. Staff then develops the work program and updates to the STIP. Staff come to this Board, and then if they're updating the STIP that also goes to FHWA.



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

This year, staff is not updating the STIP because of the MPO process. The MPO staff is in the process of updating their TIPS as well as their RTP's and so if the Department submitted the state changes, they wouldn't be allowed to include those changes in the metropolitan areas, and so it would be an incomplete work program or STIP. So, the STIP that the Department has approved is years 19 through 22, and so they can still deliver those fiscal year 2020 projects.

And just again in the name of transparency staff did look at expenditures as well as revenues. They don't have all of the details on the revenues yet because they're working with the DMV to collect that information. What they have readily available is gallons of gas sold by county. The Department thinks that's a good indication of overall revenue percentages generated. And then staff also looked at expenditures, you know, money going out. The Annual Work Program, the STIP, that's based on an obligation basis, meaning you allocate the full amount in the first year. This is actual dollars spent in the various different counties throughout the last several years, almost 10 years. Those numbers fluctuate quite a bit because of stops and starts in various large projects.

Ms. Rosenberg said the requested action from the Board would be to approve the 2020 Annual Work Program.

Member Savage asked Ms. Rosenberg if there was anything the Board should have concerns about?

Ms. Rosenberg said she doesn't anticipate any concerns. The changes to the Spaghetti Bowl Xpress require moving the bulk of those funds from fiscal year 19 to fiscal year 20 for the major construction to begin. And then there are a number of projects in southern Nevada that they do anticipate beginning in 2020, so additional ramps for the US-95 NW Centennial Bowl Project, starting to acquire right of way for the Tropicana Project with construction beginning in the following fiscal year. There are some large I-15 overlay projects in southern Nevada as well, and then ongoing repayments of bonds. Those are the big dollar amount items. But there aren't any surprises because it's really a carrying forward those projects that were already in 2020 in the STIP that was approved last year, so it's really just moving the program forward a year.

The Governor asked if there were any more questions, and there were none. He said he would accept a motion.

Motion: Approve Fiscal Year 2020 NDOT Annual Work Program under Agenda Item Number 8

By: Lieutenant Governor Marshall

Vote: Passed unanimously



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

9. Resolution of Abandonment (For Possible Action)

a) Disposal of a portion of NDOT right-of-way, a portion of Tuscarora Road in Carlin, County of Elko, State of Nevada (SUR 18-11)

Director Swallow reported this acquisition is no longer needed. It was initially acquired in 1921. The Department has no record of any expenditure for the easement and has deemed that it is no longer needed.

Motion: Approve Resolution of Abandonment under Agenda Item Number 9

By: Unidentified speaker

Vote: Passed unanimously

10. Direct Sale (For Possible Action)

a) Disposal of NDOT right-of-way, a parcel of land at the intersection of W. Washington Avenue and A Street near IR-15 in the City of Las Vegas, County of Clark, State of Nevada (SUR 18-04)

Director Swallow reported that Item 10 is Request for Action for the Direct Sale of a piece of land that was acquired from the city of Las Vegas in 1978. At no cost they relinquished the parcel to the Department. It has been leased for many years since that time, and the Department is proposing to sell the property to the lessee.

Governor Sisolak said he had an issue with this one. He asked why they were doing a direct sale and not auctioning this?

Ms. Jessica Biggin, Chief Right of Way Agent, said this is a direct sale because it's only valuable to the adjacent property owner who's currently leasing it. It's just a little strip of land, so under NRS they are allowed to do a direct sale in these instances, and they did have an appraisal done to determine the fair market value.

Governor Sisolak said it's the Department's opinion that it's only valuable to this one person, but competitors might feel otherwise. What is the downside to NDOT to do an auction? If there's no downside but there's a potential upside, why would the Department not choose the one that has a potential upside?

a) Disposal of NDOT right-of-way, a parcel of land at the intersection of W. Washington Avenue and A Street near IR-15 in the City of Las Vegas, County of Clark, State of Nevada (SUR 18-04)



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Ms. Biggin replied that it's just under Department rules and policy; they felt that it was only a benefit to the adjacent property owner.

Mr. Mortensen explained this 15-foot parcel is adjacent to the UPRR railroad tracks; it's next to the slope paving which means that there'd be no access to it from off Washington. It's really kind of landlocked by that property owner as well which would made it difficult for anybody else to use it for any other purpose.

The Governor said the fair market is determined by how much somebody is willing to pay for the parcel. It's clearly in the landowner's best interests because the landowner is going to pay the minimum appraised value for the price. The Governor said he doesn't like direct sales; he thinks they're unfair to the public. They're unfair to the state. More money potentially could be achieved, and there's no downside; there's no potential loss of revenue. So bottom line, he would like to hold this item for now.

11. CWG Update (Informational Item)

Director Swallow provided an overview on the Construction Working Group. This group was created seven years ago by the then Chairman of the Transportation Board, Governor Sandoval, to review and understand some of the Department's processes and procedures relating to highway construction and contract closeout. Over that time that they've been working with Department staff, they have advanced a lot of processes and procedures to make them more streamlined in order to deliver the program more effectively and close out contracts more effectively with our contractors.

Member Savage provided some background as to why the CWG was initially started. There was so much time being taken at the Board meetings that it was decided that three Board Directors would oversee construction and consultants, because the Department in construction and consultants spends a lot of the dollars. It was never an end run. It was a good platform for contractors and vendors to discuss projects with a couple of Board members, and then those Members reported back directly to the Board biannually in a full report. It was beneficial at the time and could be resurrected. It was a good platform for private industry, and it did keep staff accountable for their actions.

Member Almberg said many positive things have come out of the CWG. It helped streamline Board meetings and CWG Members got a lot of in-depth information in the process. Whether they still need to resurrect it right now is a decision that they can make. But in his opinion, CWG was valuable in many regards.



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Director Swallow said it may be more transparent if there's a question at the Board meeting and they need to do a deeper dive. She said she would be happy to provide that information back and provide the information directly either at the Board meeting or in briefings as needed.

Governor Sisolak said they could go ahead and try it and see what they come back with. But he wants it understood this is on a trial basis because he's detecting a resistance to some changes. The Governor said they are going to make changes, it's going to be more open, it's going to be more transparent, and they're going to find a way to get to the results.

12. Public Comment

There were several people who had comments:

Mr. Andrew Diss from the Gaming Industry offered comments on the Spaghetti Bowl. He said fixing the Spaghetti Bowl Project is imperative. The Spaghetti Bowl Project is the most important public infrastructure project in northern Nevada since the Spaghetti Bowl was originally built. There are some serious safety concerns this project will address. There are also economic concerns, given Reno's growth. Mr. Diss thanked Mr. Mortensen, Mr. Johnson, and their team for keeping everyone apprised of changes and project expectations.

Ms. Alexis Motarex representing the Nevada Chapter of Associated General Contractors asked for support from the NDOT Board to minimize any further delays in the delivery and completion of the Spaghetti Bowl Xpress as delays there will cause delays on other projects and all of which are critical to the economic vitality in northern Nevada. The Department needs to continue making the necessary and timely investments in the transportation infrastructure to ensure the safety of all drivers on Nevada roads and to continue to grow and thrive. Failure to address the capacities will not only lead to increased risk to drivers, but will have a detrimental impact on housing prices, growth, and economic diversification in northern Nevada.

Mr. Scott Fullerton representing Operating Engineers said the Spaghetti Bowl is vital to their members in their work. The money that their members earn is spent in northern Nevada. He and the members would appreciate no further delays in the Spaghetti Bowl project.

Ms. Amy Dewitt Smith, Executive Director of the Neighbor Network of Northern Nevada, shared some information about her nonprofit startup. They currently have a transit plan administered by the Community Transportation Association of America for all projects that they've been implementing since July 2018 with funding from the Administration for Community Living. The overarching desired outcome for this project is to



Nevada Department of Transportation Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

increase civic engagement for people with disabilities as well as older adults and their family-care partners to really have a seat at the table and learn about ways they can participate in transportation planning. Some of their goals include the development of a statewide transportation association, the updating of the information highway, and peer-to-peer travel support. Ms. Smith closed by saying she hoped Board Members and the community as a whole would pair up with a “traveling expert” to either discuss experiences or share a ride.

Ms. Jocelyn Seeman, also with the Neighbor Network of Northern Nevada, explained the handouts summarized their extensive conversations with older adults and people with disabilities, the development of goals, and finally the development of possible solutions. She hoped Board Members would look over those materials.

Member Almberg took the opportunity to extend his thanks and appreciation to Member Savage and Member Martin. He said they both helped get him to get up to speed with the history and how the Board works and everything else. They have been, in his eyes, ideal Board members and have been a tremendous benefit to the citizens of the state. They are basically very good role models that Member Almberg tries to model himself after.

Governor Sisolak said he agreed with Member Almberg wholeheartedly. Both men have been tremendous and will continue to be for the foreseeable future until new Members are appointed. The Governor asked Director Swallow to please address the public comments about the Spaghetti Bowl delay in brief summary form, and she did so.

Director Swallow said what is causing the Spaghetti Bowl delay is the need to go out and do the full design documents and then go through the bidding procurement again. The Department did the design build. That was the procurement. If the Department had been able to negotiate with the design builder, they would have been starting their design in the next several months because the Department would have been awarding it this period.

They’re at least a little bit ahead in the design, but do have to negotiate and address all of the issues with any of the adjacent property owners, any of the easements, including the Union Pacific Railroad. All of these things the design builder would have needed to do and may have caused delay in their delivery as well, and that’s where the Department thinks the cost was in the proposal.

So, the Department rotated from that to the design bid build. NDOT’s doing the design, NDOT’s going to negotiate through these easements, right of way, and then bid it and that procurement also adds delay.



Nevada Department of Transportation
Board of Directors • Meeting Minutes

August 19, 2019

9:30 A.M.

Governor Sisolak reminded everyone they inherited this project, which is a great project for northern Nevada. It's a tremendous project, and the safety is important. The jobs are really important. The economic diversification is important to help people. But it's got to be done right and get done on time. The Governor said that he's been assured, that with this change, it's going to get the train back on the track with two engineers and, hopefully, move it forward so there are no further problems towards the end of the project.

The Governor asked if there were more comments, and there were none. He said he would accept a motion to adjourn.

13. Adjournment (For Possible Action)

Motion: Adjourn

By: Lieutenant Governor Marshall

Vote: Unanimous



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

October 4, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: October 14, 2019, Transportation Board of Directors Meeting
ITEM #7: Consideration for approval of Contracts over \$5,000,000 – For possible action.

Summary:

The purpose of this item is to present to the Board a list of construction contracts which are over \$5,000,000 for discussion and approval.

Background:

The Department contracts for services relating to the construction, operation and maintenance of the State's multi-modal transportation system. Contracts listed in this item are all low-bid (or guaranteed maximum price for Construction Manager at Risk (CMAR) contracts) per statute.

The attached construction contracts constitute all contracts over \$5,000,000 for which the bids were opened and the analysis completed by the Bid Review and Analysis Team and the Contract Compliance section of the Department from July 17, 2019, through October 01, 2019.

Analysis:

These contracts have been prepared following the Code of Federal Regulations, Nevada Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachments:

- A) State of Nevada Department of Transportation Contracts for Approval, July 17, 2019, through October 01, 2019.

Recommendation for Board Action:

Approval of the contracts listed on Attachment A.

Prepared by: Administrative Services Division

Attachment A

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
CONTRACTS FOR APPROVAL
July 17, 2019, through October 01, 2019

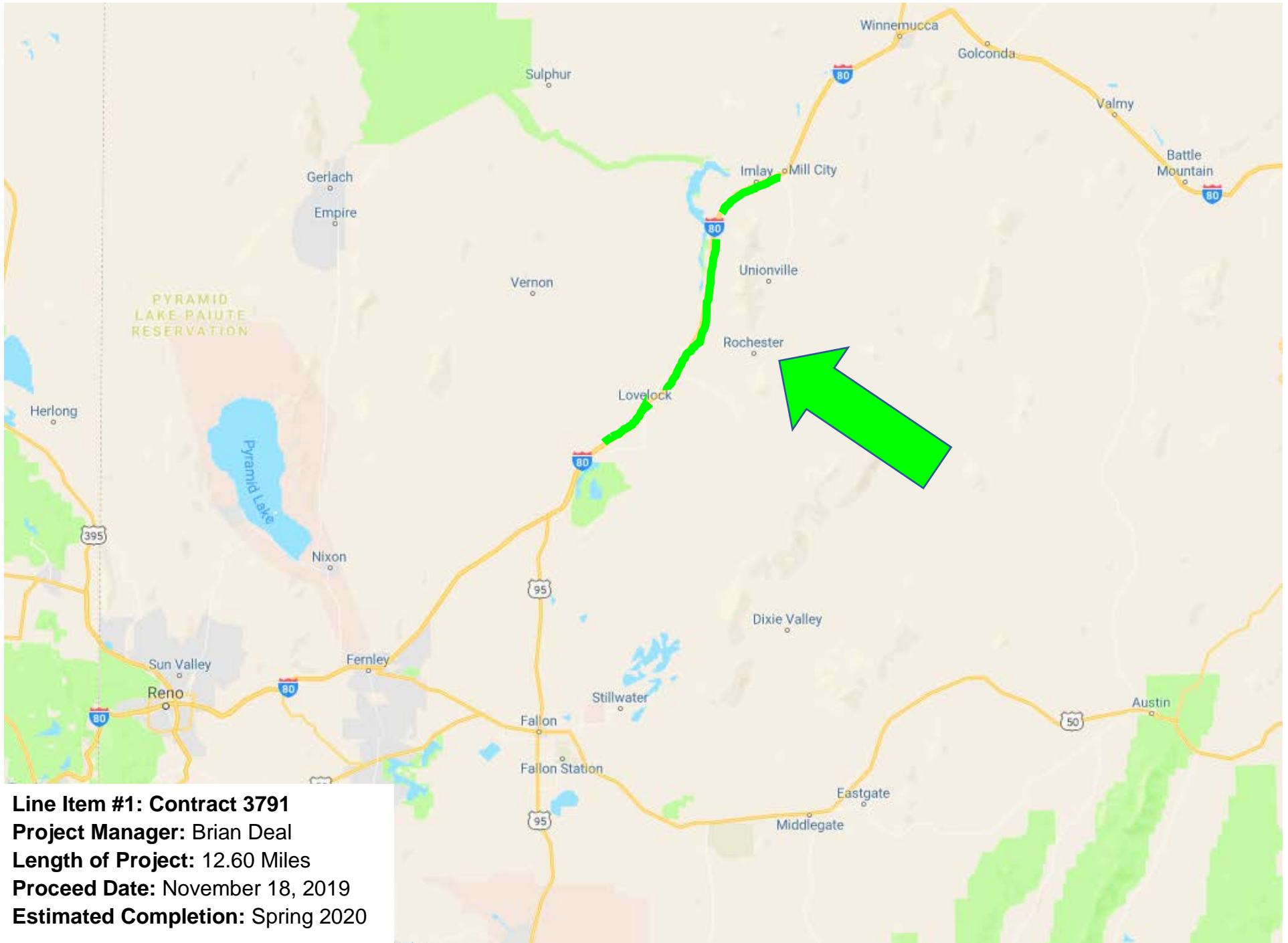
1. September 19, 2019 at 2:00 PM the following bids were opened for Contract 3791, Project No. NHP-080-4(099), on I-80, from 0.513 Miles West of Dun Glen Interchange to the Pershing/Humboldt County Line, in Pershing County, to cold mill and place plant-mix bituminous surface with open grade.

Road and Highway Builders, LLC	\$16,060,060.00
Sierra Nevada Construction	\$17,468,007.00
Q & D Construction LLC.....	\$17,990,119.00
Granite Construction Company	\$20,396,396.00

Engineer's Estimate.....\$17,010,869.62

The Director recommends award to Road and Highway Builders, LLC in the amount of \$16,060,060.00.

Line Item 1



Line Item #1: Contract 3791

Project Manager: Brian Deal

Length of Project: 12.60 Miles

Proceed Date: November 18, 2019

Estimated Completion: Spring 2020



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Fax: (775) 888-7101

MEMORANDUM
Administrative Services

September 30, 2019

To: Kristina L Swallow, Director
Clifford Lawson, Deputy Director – Engineering
Tracy Larkin-Thomason, Deputy Director – Operations

From: Tianne Simpson, Contract Services Manager – Administrative Services DS
TS

Subject: Concurrence in Award for Contract No. 3791, Project No. NHP-080-2(058), on I-80, from 0.513 miles west of the Dun Glen Interchange to the Pershing and Humboldt County line, in Pershing County, described as the cold mill and placement of plantmix bituminous surface with open grade. The Engineer's Estimate is \$17,010,869.62.

This memo is to confirm concurrence in award of the subject contract.

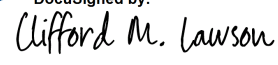
Bid proposals were opened on September 19, 2019. Road and Highway Builders is the apparent low bidder at \$16,060,060.00, and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Sierra Nevada Construction with a bid of \$17,468,007.00.

The project is federally funded; required 3.00% DBE participation; and is not subject to State Bidder Preference provisions.

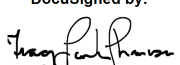
The subcontractor and supplier listings submitted by the Road and Highway Builders have been reviewed and confirmed by Contract Services. The DBE information submitted by the Road and Highway Builders has been reviewed and certified by the External Civil Rights office. Road and Highway Builders has met the required DBE participation with a 7.98% commitment. The bid is below the Engineer's Estimate Range, and a copy of the Unofficial Bid Results report is attached for your reference. The BRAT Co-Chairs have provided their recommendation to award, and the report is attached.

Your concurrence in award of this contract by endorsement hereon is respectfully requested. Upon receipt a packet will be prepared to obtain Transportation Board approval of the award at the next available meeting.

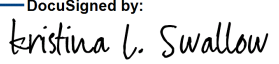
Concurrence in award:

DocuSigned by:

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Clifford Lawson, Deputy Director

DocuSigned by:

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Tracy Larkin-Thomason, Deputy Director

DocuSigned by:

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Kristina L. Swallow, Director

Enclosures:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
September 19, 2019

Contract Number: 3791 Designer: Lena Borges Senior Designer: Brian Deal Estimate Range: R32 \$16,500,000.01 to \$20,000,000 Project Number: NHP-080-2(058)	Bid Opening Date and Time: September 19, 2019 2:00 PM Liquidated Damages: \$6,500.00 Working Days: 120 District: District 2
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County: Pershing
Location: I-80, from 0.513 miles west of Dun Glen Interchange to the Pershing/Humboldt County line

Description: Cold mill and placement of plantmix bituminous surface with open grade

	<u>Actual Bid</u>
Apparent Low Bidder: Road and Highway Builders LLC	\$16,060,060.00
Apparent 2nd: Sierra Nevada Construction, Inc.	\$17,468,007.00
Apparent 3rd: Q & D Construction LLC	\$17,990,119.00

Bidders:	Actual Bid Amount
1 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	\$16,060,060.00
2 Sierra Nevada Construction, Inc. PO Box 50760 Sparks, NV 89435 (775) 355-0420	\$17,468,007.00
3 Q & D Construction LLC 1050 South 21st Street Sparks, NV 89431 (775) 786-2677	\$17,990,119.00
4 Granite Construction Company 585 West Beach Street Watsonville, CA 95076 (831) 724-1011	\$20,396,396.00




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Phone: (775) 888-7497
Fax: (775) 888-7235

MEMORANDUM
Contract Compliance

September 20, 2019

To: Doug Benamati, Program Officer III

From: Paulita De La Cruz, DBE Specialist

DocuSigned by:

9A647C8047694B9...

Subject: NDOT Bidder DBE Information – Contract no. 3791, I-80, from 0.513 miles west of Dun Glen Interchange to the Pershing/Humboldt County line, in Pershing County, to Cold mill and placement of plantmix bituminous surface with open grade

Apparent low bid: \$16,060,060.00

The DBE information for C and S Company, Inc., as submitted by the apparent low bidder, Road and Highway Builders, LLC, has been received by DBE Office and we have concluded:

C and S Company, Inc. holds active State of Nevada business and is a Nevada certified DBE firm. Additionally, Nevada Barricade & Sign Company, Inc. holds an active Nevada State Contractors Board license. The firm is clear of State disqualification and Federal exclusion.

The DBE goal of 3.00% has been met with a 7.98% DBE committed participation by the apparent low bidder Road and Highway Builders.

The DBE firms are approved for this contract.

cc: Contract Services
Contract Compliance
Ray Marshall, Title VI/DBE Manager



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Fax: (775) 888-7101

MEMORANDUM
Administrative Services

September 30, 2019

To: Doug Benamati, Deputy Chief - Administrative
From: Services Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3791

The Bid Review and Analysis Team (BRAT) met on September 23, 2019 to discuss bids for the above referenced contract. The following were in attendance:

Sharon Foerschler, Chief Construction Engineer
Scott Hein, Chief Roadway Design Engineer
Casey Connor, Assistant Chief Roadway Design Engineer
Samantha Dowd, Associate Engineer
Shawn Paterson, Principal Roadway Design Engineer
Brian Deal, Project Manager
Kimberly Diegle, Professional Engineer
Eric MacGill, Associate Engineer
Doug Benamati, Deputy Chief Administrative Services
Jasen Stoffer, Administrative Services

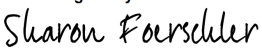
Via Phone:


Trent Averett, Resident Engineer
Sean Cross, Associate Engineer
Travis Hilbish, Associate Engineer

The overall bid proposal was evaluated and determined to be acceptable. The Bid Tabulation and Price Sensitivity is attached.

The apparent lowest responsive bidder, Road and Highway Builders, submitted a bid which is 94% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

67A4C09A4CB7477...
Sharon Foerschler, BRAT Co-Chair

DocuSigned by:

E7F2D4506AC6488...
Scott Hein, BRAT Co-Chair

cc: Attendees
Dennis Gallagher, Legal
Design Admin
Dale Wegner, FHWA

Bid Tabulation
- September 19, 2019 -

Contract No.: 3791
Description: Cold mill and placement of plantmix bituminous surface with open grade.
Location: I-80, from 0.513 miles west of Dun Glen Interchange to the Pershing/Humboldt County line.
Bid Opening: September 19, 2019, 2:00 PM

Project No.: NHP-080-2(058)
Project Id: 60913
County: Pershing
Range: R32 (\$16,500,000.01 to \$20,000,000.00)
Working: 120

Item No.	Quantity	Unit	Description	Engineer's Estimate		Road and Highway Builders		Sierra Nevada Construction		Q & D Construction		Granite Construction Company	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1100050	400.000	HOURL	TRAINING	\$0.80	\$320.00	\$0.80	\$320.00	\$0.80	\$320.00	\$0.80	\$320.00	\$0.80	\$320.00
2020165	320.000	LINFT	REMOVAL OF JOINT SEAL	\$50.00	\$16,000.00	\$60.00	\$19,200.00	\$66.00	\$21,120.00	\$32.00	\$10,240.00	\$12.55	\$4,016.00
2020465	8.000	EACH	REMOVE GUARDRAIL END TREATMENT	\$1,000.00	\$8,000.00	\$1,000.00	\$8,000.00	\$610.00	\$4,880.00	\$650.00	\$5,200.00	\$600.00	\$4,800.00
2020530	2.000	EACH	REMOVAL OF HEADWALL	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$8,000.00	\$16,000.00	\$3,200.00	\$6,400.00	\$11,000.00	\$22,000.00
2020585	134,251.000	LINFT	REMOVAL OF FENCE	\$2.50	\$335,627.50	\$0.30	\$40,275.30	\$0.85	\$114,113.35	\$0.90	\$120,825.90	\$0.82	\$110,085.82
2020965	2,294.000	SQYD	REMOVAL OF BITUMINOUS SURFACE	\$8.00	\$18,352.00	\$16.00	\$36,704.00	\$18.50	\$42,439.00	\$13.00	\$29,822.00	\$13.00	\$29,822.00
2020990	569,823.540	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$2.50	\$1,424,558.85	\$4.00	\$2,279,294.16	\$1.25	\$712,279.43	\$3.00	\$1,709,470.62	\$2.50	\$1,424,558.85
2021120	5.000	EACH	REMOVAL OF CATTLE GUARD	\$3,500.00	\$17,500.00	\$2,000.00	\$10,000.00	\$3,700.00	\$18,500.00	\$5,082.00	\$25,410.00	\$4,500.00	\$22,500.00
2021287	140,649.790	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$0.50	\$70,324.90	\$0.20	\$28,129.96	\$0.51	\$71,731.39	\$0.50	\$70,324.90	\$0.50	\$70,324.90
2030230	345.000	CUYD	BORROW EMBANKMENT	\$75.00	\$25,875.00	\$40.00	\$13,800.00	\$75.00	\$25,875.00	\$45.00	\$15,525.00	\$34.00	\$11,730.00
2060110	158.000	CUYD	STRUCTURE EXCAVATION	\$80.00	\$12,640.00	\$50.00	\$7,900.00	\$90.00	\$14,220.00	\$60.00	\$9,480.00	\$85.00	\$13,430.00
2070110	83.300	CUYD	GRANULAR BACKFILL	\$75.00	\$6,247.50	\$60.00	\$4,998.00	\$62.00	\$5,164.60	\$25.00	\$2,082.50	\$125.00	\$10,412.50
3020140	14,444.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$50.00	\$722,200.00	\$12.00	\$173,328.00	\$20.00	\$288,880.00	\$20.00	\$288,880.00	\$45.00	\$649,980.00
4020100	652.000	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$15.00	\$9,780.00	\$28.00	\$18,256.00	\$50.00	\$32,600.00	\$11.00	\$7,172.00	\$15.00	\$9,780.00
4020190	64,055.000	TON	PLANTMIX SURFACING (TYPE 2C) (WET)	\$75.00	\$4,804,125.00	\$89.00	\$5,700,895.00	\$82.00	\$5,252,510.00	\$86.00	\$5,508,730.00	\$86.00	\$5,508,730.00
4030100	49.430	MILE	MILLED RUMBLE STRIPS	\$700.00	\$34,601.00	\$600.00	\$29,658.00	\$1,500.00	\$74,145.00	\$1,000.00	\$49,430.00	\$1,600.00	\$79,088.00
4030110	21,759.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$100.00	\$2,175,900.00	\$120.00	\$2,611,080.00	\$105.00	\$2,284,695.00	\$115.00	\$2,502,285.00	\$125.00	\$2,719,875.00
4060120	55.000	SQYD	PRIME COAT	\$10.00	\$550.00	\$12.00	\$660.00	\$0.50	\$27.50	\$0.01	\$0.55	\$8.00	\$440.00
4060210	32.000	TON	SAND BLOTTER	\$50.00	\$1,600.00	\$50.00	\$1,600.00	\$1.00	\$32.00	\$0.01	\$0.32	\$175.00	\$5,600.00
4070190	2.500	TON	EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED)	\$1,000.00	\$2,500.00	\$2,000.00	\$5,000.00	\$415.00	\$1,037.50	\$0.01	\$0.03	\$640.00	\$1,600.00
4960130	460.000	SQYD	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	\$100.00	\$46,000.00	\$50.00	\$23,000.00	\$170.00	\$78,200.00	\$53.00	\$24,380.00	\$121.00	\$55,660.00
4960160	32,344.000	POUND	POLYMER CONCRETE AGGREGATE	\$0.50	\$16,172.00	\$1.00	\$32,344.00	\$0.35	\$11,320.40	\$0.39	\$12,614.16	\$0.37	\$11,967.28
4960170	4,528.000	POUND	POLYMER CONCRETE RESIN	\$5.00	\$22,640.00	\$4.00	\$18,112.00	\$2.50	\$11,320.00	\$3.70	\$16,753.60	\$3.00	\$13,584.00
5020360	1.000	FA	CONCRETE BRIDGE DECK REPAIR	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
5020990	32.540	CUYD	CLASS DA CONCRETE, MODIFIED (MAJOR)	\$2,500.00	\$81,350.00	\$3,000.00	\$97,620.00	\$3,400.00	\$110,636.00	\$1,400.00	\$45,556.00	\$1,750.00	\$56,945.00
5021010	12.290	CUYD	CLASS EA CONCRETE, MODIFIED (MAJOR)	\$2,500.00	\$30,725.00	\$3,000.00	\$36,870.00	\$2,600.00	\$31,954.00	\$1,400.00	\$17,206.00	\$1,750.00	\$21,507.50
5021700	320.000	LINFT	EXPANSION JOINT SEALANT	\$50.00	\$16,000.00	\$100.00	\$32,000.00	\$40.00	\$12,800.00	\$55.00	\$17,600.00	\$100.00	\$32,000.00
5050100	3,868.000	POUND	REINFORCING STEEL	\$2.00	\$7,736.00	\$5.00	\$19,340.00	\$2.80	\$10,830.40	\$3.40	\$13,151.20	\$3.17	\$12,261.56
5050120	3,702.000	POUND	REINFORCING STEEL (EPOXY COATED)	\$4.00	\$14,808.00	\$8.00	\$29,616.00	\$3.50	\$12,957.00	\$3.40	\$12,586.80	\$3.17	\$11,735.34
6030170	60.000	LINFT	18-INCH REINFORCED CONCRETE PIPE, CLASS III	\$150.00	\$9,000.00	\$500.00	\$30,000.00	\$260.00	\$15,600.00	\$120.00	\$7,200.00	\$200.00	\$12,000.00
6031030	2.000	EACH	18-INCH PRECAST END SECTION	\$1,200.00	\$2,400.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$2,900.00	\$5,800.00	\$1,500.00	\$3,000.00
6100050	48.000	SQYD	GEOTEXTILE (CLASS 1)	\$10.00	\$480.00	\$10.00	\$480.00	\$30.00	\$1,440.00	\$6.00	\$288.00	\$18.00	\$864.00
6100170	3.000	CUYD	RIPRAP (CLASS 150)	\$300.00	\$900.00	\$500.00	\$1,500.00	\$640.00	\$1,920.00	\$200.00	\$600.00	\$134.00	\$402.00
6100200	23.000	CUYD	RIPRAP (CLASS 400)	\$150.00	\$3,450.00	\$400.00	\$9,200.00	\$285.00	\$6,555.00	\$300.00	\$6,900.00	\$125.00	\$2,875.00
6100480	6.000	CUYD	RIPRAP BEDDING (CLASS 400)	\$200.00	\$1,200.00	\$300.00	\$1,800.00	\$460.00	\$2,760.00	\$300.00	\$1,800.00	\$130.00	\$780.00
6160730	132,067.000	LINFT	TYPE A-4B FENCE (SPECIAL)	\$5.00	\$660,335.00	\$3.00	\$396,201.00	\$2.86	\$377,711.62	\$3.00	\$396,201.00	\$2.77	\$365,825.59
6160780	2,084.000	LINFT	TYPE A-832-3B FENCE	\$10.00	\$20,840.00	\$4.00	\$8,336.00	\$10.95	\$22,819.80	\$11.50	\$23,966.00	\$10.62	\$22,132.08
6170780	4.000	EACH	28-FOOT PRECAST CATTLE GUARD	\$20,000.00	\$80,000.00	\$35,000.00	\$140,000.00	\$18,000.00	\$72,000.00	\$22,000.00	\$88,000.00	\$26,000.00	\$104,000.00
6170850	1.000	EACH	44-FOOT PRECAST CATTLE GUARD	\$30,000.00	\$30,000.00	\$45,000.00	\$45,000.00	\$30,000.00	\$30,000.00	\$32,500.00	\$32,500.00	\$37,000.00	\$37,000.00
6180250	5,127.000	LINFT	REMOVE AND RESET GUARDRAIL	\$10.00	\$51,270.00	\$2.00	\$10,254.00	\$6.60	\$33,838.20	\$7.00	\$35,889.00	\$6.50	\$33,325.50
6180350	8.000	EACH	GUARDRAIL TERMINAL (FLARED)	\$3,250.00	\$26,000.00	\$3,000.00	\$24,000.00	\$3,800.00	\$30,400.00	\$4,000.00	\$32,000.00	\$3,750.00	\$30,000.00
6190200	2,376.000	EACH	GUIDE POSTS (RIGID)	\$40.00	\$95,040.00	\$30.00	\$71,280.00	\$46.00	\$109,296.00	\$49.00	\$116,424.00	\$45.00	\$106,920.00
6230201	36.000	EACH	ITS VAULT	\$6,000.00	\$216,000.00	\$4,000.00	\$144,000.00	\$5,800.00	\$208,800.00	\$6,300.00	\$226,800.00	\$5,800.00	\$208,800.00

Bid Tabulation
- September 19, 2019 -

Item No.	Quantity	Unit	Description	Engineer's Estimate		Road and Highway Builders		Sierra Nevada Construction		Q & D Construction		Granite Construction Company	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6230225	17.000	EACH	NO. 3-1/2 PULL BOX	\$900.00	\$15,300.00	\$500.00	\$8,500.00	\$700.00	\$11,900.00	\$760.00	\$12,920.00	\$700.00	\$11,900.00
6230230	9.000	EACH	NO. 5 PULL BOX	\$1,200.00	\$10,800.00	\$700.00	\$6,300.00	\$850.00	\$7,650.00	\$950.00	\$8,550.00	\$850.00	\$7,650.00
6230236	47.000	EACH	NO. 7 PULL BOX, MODIFIED	\$1,400.00	\$65,800.00	\$1,000.00	\$47,000.00	\$1,200.00	\$56,400.00	\$1,300.00	\$61,100.00	\$1,200.00	\$56,400.00
6230268	30.000	EACH	LUMINAIRE, TYPE B	\$600.00	\$18,000.00	\$600.00	\$18,000.00	\$800.00	\$24,000.00	\$825.00	\$24,750.00	\$800.00	\$24,000.00
6230575	17.000	EACH	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	\$7,200.00	\$122,400.00	\$7,000.00	\$119,000.00	\$5,320.00	\$90,440.00	\$5,784.00	\$98,328.00	\$5,320.00	\$90,440.00
6230775	30.000	EACH	LOOP DETECTOR	\$400.00	\$12,000.00	\$600.00	\$18,000.00	\$670.00	\$20,100.00	\$750.00	\$22,500.00	\$670.00	\$20,100.00
6231061	1.000	EACH	COMMUNICATION CABINET	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$21,000.00	\$21,000.00	\$23,500.00	\$23,500.00	\$21,700.00	\$21,700.00
6231104	4.000	EACH	FLASHING BEACON	\$1,300.00	\$5,200.00	\$1,000.00	\$4,000.00	\$600.00	\$2,400.00	\$15,000.00	\$60,000.00	\$600.00	\$2,400.00
6231105	2.000	EACH	FLASHING BEACON CONTROLLER	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$8,400.00	\$16,800.00	\$15,000.00	\$30,000.00	\$8,400.00	\$16,800.00
6231261	1.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$8,500.00	\$8,500.00	\$2,000.00	\$2,000.00	\$3,900.00	\$3,900.00	\$20,000.00	\$20,000.00	\$3,900.00	\$3,900.00
6231635	1.000	EACH	MODIFY ELECTRICAL SERVICE	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$900.00	\$900.00	\$10,000.00	\$10,000.00	\$900.00	\$900.00
6231785	31.000	LINFT	1-INCH CONDUIT (METAL)	\$16.00	\$496.00	\$25.00	\$775.00	\$40.00	\$1,240.00	\$40.00	\$1,240.00	\$40.00	\$1,240.00
6231805	239.000	LINFT	2-INCH CONDUIT	\$24.00	\$5,736.00	\$5.00	\$1,195.00	\$22.00	\$5,258.00	\$19.00	\$4,541.00	\$19.00	\$4,541.00
6231820	78,593.000	LINFT	3-INCH CONDUIT	\$27.00	\$2,122,011.00	\$2.50	\$196,482.50	\$17.00	\$1,336,081.00	\$17.00	\$1,336,081.00	\$17.00	\$1,336,081.00
6231850	147,399.000	LINFT	4-INCH MULTIDUCT CONDUIT	\$10.00	\$1,473,990.00	\$4.50	\$663,295.50	\$20.00	\$2,947,980.00	\$8.00	\$1,179,192.00	\$20.00	\$2,947,980.00
6231980	16,170.000	LINFT	NO. 8 CONDUCTOR	\$1.00	\$16,170.00	\$2.00	\$32,340.00	\$1.00	\$16,170.00	\$1.00	\$16,170.00	\$1.00	\$16,170.00
6232870	1.000	EACH	CELLULAR TELEPHONE MODEM	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$14,300.00	\$14,300.00	\$20,119.00	\$20,119.00	\$14,300.00	\$14,300.00
6232895	473.000	LINFT	DIRECTIONAL DRILLING	\$80.00	\$37,840.00	\$80.00	\$37,840.00	\$150.00	\$70,950.00	\$100.00	\$47,300.00	\$150.00	\$70,950.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00	\$168,000.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$297,000.00	\$297,000.00	\$600,000.00	\$600,000.00	\$360,586.61	\$360,586.61	\$1,000,000.00	\$1,000,000.00	\$1,060,000.00	\$1,060,000.00
6270190	2,653.070	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$80.00	\$212,245.60	\$70.00	\$185,714.90	\$97.00	\$257,347.79	\$104.00	\$275,919.28	\$95.60	\$253,633.49
6270220	494.000	SQFT	PERMANENT SIGN PANELS (PANELS ONLY)	\$40.00	\$19,760.00	\$50.00	\$24,700.00	\$33.00	\$16,302.00	\$36.00	\$17,784.00	\$33.00	\$16,302.00
6270240	1,822.020	SQFT	PERMANENT SIGNS, REMOVE	\$8.00	\$14,576.16	\$10.00	\$18,220.20	\$5.00	\$9,110.10	\$5.40	\$9,838.91	\$5.00	\$9,110.10
6270250	367.500	SQFT	PERMANENT SIGNS, REMOVE (PANEL ONLY)	\$8.00	\$2,940.00	\$10.00	\$3,675.00	\$5.00	\$1,837.50	\$5.40	\$1,984.50	\$5.00	\$1,837.50
6280120	1.000	LS	MOBILIZATION	\$962,861.30	\$962,861.30	\$1,455,854.32	\$1,455,854.32	\$1,500,000.00	\$1,500,000.00	\$1,700,000.00	\$1,700,000.00	\$2,039,629.03	\$2,039,629.03
6320890	25.150	MILE	EPOXY PAVEMENT STRIPING (8-INCH BROKEN WHITE)	\$1,500.00	\$37,725.00	\$1,500.00	\$37,725.00	\$1,115.00	\$28,042.25	\$1,200.00	\$30,180.00	\$1,100.00	\$27,665.00
6320940	25.090	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	\$2,600.00	\$65,234.00	\$2,400.00	\$60,216.00	\$3,300.00	\$82,797.00	\$3,500.00	\$87,815.00	\$3,250.00	\$81,542.50
6320950	4,415.560	LINFT	EPOXY PAVEMENT STRIPING (12-INCH SOLID WHITE)	\$1.35	\$5,961.01	\$1.00	\$4,415.56	\$1.00	\$4,415.56	\$1.00	\$4,415.56	\$1.00	\$4,415.56
6321000	147.400	LINFT	EPOXY PAVEMENT STRIPING (SOLID YELLOW)	\$2.00	\$294.80	\$4.00	\$589.60	\$1.00	\$147.40	\$1.00	\$147.40	\$1.00	\$147.40
6321030	25.150	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	\$2,500.00	\$62,875.00	\$2,400.00	\$60,360.00	\$3,300.00	\$82,995.00	\$3,500.00	\$88,025.00	\$3,250.00	\$81,737.50
6341060	252.000	SQFT	THERMOPLASTIC PAVEMENT MARKING (VARIES)	\$18.00	\$4,536.00	\$20.00	\$5,040.00	\$20.30	\$5,115.60	\$21.00	\$5,292.00	\$20.00	\$5,040.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$7,500.00	\$7,500.00	\$50,900.77	\$50,900.77	\$5,500.00	\$5,500.00
6460110	2,294.000	SQYD	BRIDGE DECK PREPARATION	\$5.00	\$11,470.00	\$5.00	\$11,470.00	\$14.50	\$33,263.00	\$11.50	\$26,381.00	\$24.00	\$55,056.00
6460150	206.000	GAL	CRACK SEALANT	\$100.00	\$20,600.00	\$50.00	\$10,300.00	\$225.00	\$46,350.00	\$55.00	\$11,330.00	\$275.00	\$56,650.00
Totals:				\$17,010,869.62		\$16,060,060.00		\$17,468,007.00		\$17,990,119.00		\$20,396,396.00	

Price Sensitivity
- September 19, 2019 -

Contract No.: 3791
Project No.: NHP-080-2(058)
Project Id: 60913
County: Pershing
Range: R32 (\$16,500,000.01 to \$20,000,000.00)
Working: 120

RE: Trent Averett
Designer: Lena Borges

Engineer's Estimate	Road and Highway	Sierra Nevada Construction	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$17,010,869.62	\$16,060,060.00	\$17,468,007.00	\$1,407,947.00	-\$950,809.62	94%

Item No.	Quantity	Description	Unit	Engineer's Est. Unit Price	Low Bid Unit Price	2nd Low Bid Unit Price	Qty Chg Req'd to Chg Bid Order	% Change in Qty Req'd	Low % of EE	Significantly Unbalanced	Quantity Check Comments
2020585	134,251.000	REMOVAL OF FENCE	LINFT	\$2.50	\$0.30	\$0.85	-2,559,903.64	-1907%	12%	Yes	Qty Verified OK
2020990	569,823.540	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	SQYD	\$2.50	\$4.00	\$1.25	511,980.73	90%	160%	Yes	Qty Verified OK
2021287	140,649.790	GRINDING FOR PAVEMENT MARKINGS	LINFT	\$0.50	\$0.20	\$0.51	-4,541,764.52	-3229%	40%	Yes	Qty Verified OK
3020140	14,444.000	TYPE 1 CLASS B AGGREGATE BASE	CUYD	\$50.00	\$12.00	\$20.00	-175,993.38	-1218%	24%	Yes	Qty Verified OK
4020190	64,055.000	PLANTMIX SURFACING (TYPE 2C) (WET)	TON	\$75.00	\$89.00	\$82.00	201,135.29	314%	119%	No	Qty Verified OK
4030110	21,759.000	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	TON	\$100.00	\$120.00	\$105.00	93,863.13	431%	120%	No	Qty Verified OK
5020990	32.540	CLASS DA CONCRETE, MODIFIED (MAJOR)	CUYD	\$2,500.00	\$3,000.00	\$3,400.00	-3,519.87	-10817%	120%	No	Qty Verified OK
6160730	132,067.000	TYPE A-4B FENCE (SPECIAL)	LINFT	\$5.00	\$3.00	\$2.86	10,056,764.29	7615%	60%	Yes	Qty Verified OK
6170780	4.000	28-FOOT PRECAST CATTLE GUARD	EACH	\$20,000.00	\$35,000.00	\$18,000.00	82.82	2071%	175%	Yes	Qty Verified OK
6180250	5,127.000	REMOVE AND RESET GUARDRAIL	LINFT	\$10.00	\$2.00	\$6.60	-306,075.43	-5970%	20%	Yes	Qty Verified OK
6190200	2,376.000	GUIDE POSTS (RIGID)	EACH	\$40.00	\$30.00	\$46.00	-87,996.69	-3704%	75%	No	Error in Qty Correct # 968
6230201	36.000	ITS VAULT	EACH	\$6,000.00	\$4,000.00	\$5,800.00	-782.19	-2173%	67%	Yes	EE OK, QTY OK
6230236	47.000	NO. 7 PULL BOX, MODIFIED	EACH	\$1,400.00	\$1,000.00	\$1,200.00	-7,039.74	-14978%	71%	Yes	EE OK, QTY OK
6230575	17.000	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	EACH	\$7,200.00	\$7,000.00	\$5,320.00	838.06	4930%	97%	No	EE OK, QTY OK
6231820	78,593.000	3-INCH CONDUIT	LINFT	\$27.00	\$2.50	\$17.00	-97,099.79	-124%	9%	Yes	EE OK (ditch work included), QTY OK (w/10% boost)
6231850	147,399.000	4-INCH MULTIDUCT CONDUIT	LINFT	\$10.00	\$4.50	\$20.00	-90,835.29	-62%	45%	Yes	EE OK (common trench with 3"), QTY OK (w/10% boost)
6250490	1.000	RENT TRAFFIC CONTROL DEVICES	LS	\$297,000.00	\$600,000.00	\$360,586.61	N/A	N/A	202%	Yes	-
6270190	2,653.070	PERMANENT SIGNS (GROUND MOUNTED) (METAL)	SQFT	\$80.00	\$70.00	\$97.00	-52,146.19	-1966%	88%	No	Qty Verified OK
6280120	1.000	MOBILIZATION	LS	\$962,861.30	\$1,455,854.32	\$1,500,000.00	N/A	N/A	151%	Yes	-
6320940	25.090	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	MILE	\$2,600.00	\$2,400.00	\$3,300.00	-1,564.39	-6235%	92%	No	Qty Verified OK
6321030	25.150	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	MILE	\$2,500.00	\$2,400.00	\$3,300.00	-1,564.39	-6220%	96%	No	Qty Verified OK

Additional Comments: Low Bid Conduit Prices are Extremely Low!

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☒ Limited Liability Company
☐ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☒ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

150

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Road and Highway Builders, LLC

5. Corporate/Business Entity Street Address:

Street Address: 175 Salomon Circle	Website: www.roadandhighwaybuilders.com
City, State and Zip Code: Sparks, NV 89434	Point of Contact Name: Kim Krauser
Telephone and Fax No. 7758527283	Email: kim.krauser@strlco.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No. 7758527283	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Richard H. Buening	Managing Member	50%
Sterling Construction Company	Managing Member	50%

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

****This section is not required for publicly-traded corporations****

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the ***Definition*** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

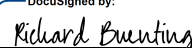
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A	N/A	N/A	N/A

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

DocuSigned by:

 Signature
 President & Managing Member
 Title

Richard Buenting
 Print Name
 09/20/2019
 Date

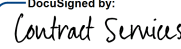
For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

☐ Yes ☒ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

☐ Yes ☒ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

DocuSigned by:

 Signature

Contract Services

Print Name
 Authorized NDOT Representative



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

October 4, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: October 14, 2019, Transportation Board of Directors Meeting
ITEM #8: Consideration for approval of Agreements Over \$300,000 - for possible action

Summary:

The purpose of this item is to provide the Board a list of agreements over \$300,000 for discussion and approval following the process approved at the July 11, 2011 Transportation Board meeting. This list consists of any design build contracts and all agreements (and amendments) for non-construction matters, such as consultants, service providers, etc. that obligate total funds of over \$300,000, during the period from July 17, 2019, through September 11, 2019.

Background:

The Department contracts for services relating to the development, construction, operation and maintenance of the State's multi-modal transportation system. The attached consists of new agreements over \$300,000 and amendments which increase the total agreement amount above \$300,000 during the period from July 17, 2019, through September 11, 2019.

Analysis:

These agreements represent the necessary support services needed to deliver the State of Nevada's multi-modal transportation system and have been prepared following the Code of Federal Regulations, Nevada Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachments:

- A) State of Nevada Department of Transportation Agreements for Approval, July 17, 2019, through September 11, 2019.

Recommendation for Board Action:

Approval of all agreements listed on Attachment A

Prepared by: Administrative Services Division

Attachment A

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total Amount of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Division Head	Notes
1	36218	01	HDR ENGINEERING	DESIGN AND CONSTRUCTION SUPPORT	Y	673,805.00	-	632,518.00	1,306,323.00	-	20-Aug-2018	30-Jun-2023	14-Oct-2019	Service Provider	Project Management	Cliff	Nick	AMD 1 10-14-19: INCREASE AUTHORITY BY \$632,518.00 FROM \$673,805.00 TO \$1,306,323.00 DUE TO ADDITIONAL SCOPE OF SERVICES NEEDED TO CONSTRUCT THE REMAINING PORTIONS OF THE CENTENNIAL BOWL INTERCHANGE AND UPGRADING CC-215 TO A SIX-LANE FREEWAY. AS THE DESIGN HAS ADVANCED, ADDITIONAL DESIGN AND COORDINATION HAS BEEN DETERMINED TO BE NEEDED THAT INCLUDES: STRUCTURAL DESIGN FOR ADDITIONAL NON-STANDARD OVERHEAD SIGN STRUCTURES (FROM TWO TO SEVEN STRUCTURES); UNDERDECK LIGHTING; SIGN STRUCTURE LIGHTING; ADDITIONAL SIGNALS; MODIFICATIONS TO EXISTING SIGNALS; AND EXTENSIVE COORDINATION WITH LOCAL AGENCIES AND NEVADA ENERGY RESULTING IN ADDITIONAL DESIGN COORDINATION MEETINGS. 08-20-18: DESIGN AND SUPPORT THE CONSTRUCTION OF THE SIGNALS, LIGHTING AND INTELLIGENT TRANSPORTATION SYSTEMS (SLI) AND PERMANENT SIGNING NECESSARY FOR THE US 95NW CENTENNIAL BOWL PHASE 3D PROJECT, CLARK COUNTY. NV B/L#: NVF19851010291-S
2	38519	00	APPLIED PAVEMENT TECHNOLOGIES	LOCAL TECHNICAL ASSISTANCE PROGRAM	Y	300,000.00	-	-	300,000.00	-	14-Oct-2019	30-Sep-2020	-	Service Provider	Planning	Sondra	Robert Madewell	10-14-19: THE LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP) IS A FEDERAL PROGRAM THAT HELPS LOCAL AGENCIES INCREASE THE QUALITY AND SAFETY OF THEIR TRANSPORTATION SYSTEMS BY PROVIDING TRAINING AND TECHNOLOGY TRANSFER TO THE TRANSPORTATION WORKFORCE. THE GOAL OF THIS PROGRAM IS TO ENSURE LOCAL AGENCIES THAT MANAGE TRANSPORTATION SYSTEMS RECEIVE AND APPLY INNOVATION, EDUCATION, AND TRAINING IN TRANSPORTATION-RELATED TOPICS. THE PROVIDER WILL OPERATE AND MAINTAIN A FACILITY FROM WHICH THEY WILL COORDINATE AND PROVIDE TRAINING TO NEVADA TRANSPORTATION AGENCIES, STATEWIDE. NV B/L#: NVF20001200517-R PROPOSERS: APPLIED PAVEMENT TECHNOLOGY, TMCC, AND CENTER FOR ADVANCED EDUCATION AND RESEARCH UNIVERSITY OF NEVADA RENO (CATER UNR)
3	42817	00	KNIT	ARCHITECTURAL AND ENGINEERING SERVICES	N	2,081,403.04	-	-	2,081,403.04	-	14-Oct-2019	21-Dec-2021	-	Service Provider	Architecture	Tracy	Anita	10-14-19: ARCHITECTURAL AND ENGINEERING SERVICES FOR A FACILITY STUDY OF THE LAS VEGAS COMPLEX, LOCATED AT 123 E. WASHINGTON DRIVE. THE EXISTING FACILITIES ACCOMMODATE DISTRICT 1 ADMINISTRATIVE, CONSTRUCTION, MAINTENANCE AND OTHER SUPPORT STAFF AND EQUIPMENT, HOUSED IN OBSOLETE BUILDINGS AND MODULAR UNITS. IN ADDITION, THERE ARE OFFSITE, SATELLITE LOCATIONS THROUGHOUT THE CITY OCCUPIED BY DEPARTMENT PERSONNEL. THIS PROJECT WILL DEVELOP BUILDING CONCEPTS FOR A SINGLE, ALL-INCLUSIVE SITE AS WELL AS ALTERNATIVES THAT WOULD SPLIT FUNCTIONS UP AMONG SEVERAL LOCATIONS ON STATE-OWNED PARCELS. THE DELIVERABLES INCLUDE: CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS ALONG WITH COST ESTIMATES, CLARK COUNTY. NV B/L#: NVD19851015692-R PROPOSERS: GEORGE M. ROGERS, PGAL, LLC., ROBERT FIELDEN, INC., KNIT
4	44316	02	CH2M HILL, INC.	RENO SPAGHETTI BOWL DESIGN SERVICES	N	290,478.48	11,338,194.38	9,386,812.00	21,015,484.86	-	14-Nov-2016	1-Jan-2022	14-Oct-2019	Service Provider	Project Management	Cliff	Nick	AMD 2 10-14-19: INCREASE AUTHORITY BY \$9,386,812.00 FROM \$11,628,672.86 TO \$21,015,484.86 DUE TO ADDITIONAL SCOPE OF SERVICES FOR THE FINAL DESIGN THAT INCLUDES: WIDENING THE EASTBOUND I-80 RAMP TO SOUTHBOUND I-580 TO TWO LANES, RESTORING THE THIRD SOUTHBOUND LANE AT I-80, CONSTRUCTING RAMP BRAIDS BETWEEN 2ND STREET/GLENDALE AVENUE AND MILL STREET AND RESTRIPING WELLS AVENUE ON-RAMP TO I-80 EASTBOUND. AMD 1 02-13-17: INCREASE AUTHORITY BY \$11,338,194.38 FROM \$290,478.48 TO \$11,628,672.86 TO COMPLETE THE NECESSARY NEPA DOCUMENTS AND DESIGN STUDIES TO DETERMINE THE APPROPRIATE MEASURES TO RECONSTRUCT THE RENO SPAGHETTI BOWL. 11-14-16: PERFORM THE NECESSARY STUDIES, DOCUMENTATION, AND OUTREACH REQUIRED TO MEET THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA), AND TO DEVELOP UP TO A THIRTY PERCENT (30%) LEVEL DESIGN FOR THE PREFERRED ALTERNATIVE(S) TO RECONSTRUCT THE I-80/I-580 SYSTEM TO SYSTEM INTERCHANGE, WASHOE COUNTY. NV B/L#: NVF20051070298-R
5	52116	01	ATKINS NORTH AMERICA	TRUCK WEIGH STATION DESIGN SERVICES	N	200,000.00	-	200,000.00	400,000.00	-	15-Sep-2017	30-Jun-2021	14-Oct-2019	Service Provider	Planning	Sondra	Robert Madewell	AMD 1 10-14-19: INCREASE AUTHORITY BY \$200,000.00 FROM \$200,000.00 TO \$400,000.00 AND EXTEND THE TERMINATION DATE FROM 09-01-19 TO 06-30-21 DUE TO ADDITIONAL SCOPE OF SERVICES NEEDED FOR THE PROJECT THAT INCLUDE: THE DESIGN FOR AN UPGRADED, USABLE SITE WHERE TRUCKS CAN BE WEIGHED AND INSPECTED BY NHP, IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS; A TEMPLATE OF STAKEHOLDER NEEDS FOR A TRUCK WEIGHT CHECK SITE; AND TRUCK WEIGHT CHECK SITE PRELIMINARY DESIGN WORK FOR FUTURE SITES. 09-15-17: INVESTIGATION OF STAKEHOLDER PERSPECTIVES ON THE EFFICACY OF COMMERCIAL VEHICLE SAFETY, SIZE AND WEIGHT REGULATION AND ENFORCEMENT IN NEVADA, CARSON CITY. NV B/L#: NVF19981347315-R
6	65618	00	UNITED RIGHT OF WAY, LLC	VEGETATION CONTROL	N	4,000,000.00	-	-	4,000,000.00	-	14-Oct-2019	31-Dec-2023	-	Service Provider	Maintenance and Asset Management	Tracy	Anita	10-14-19: PROVIDE A VEGETATION-FREE NINE-FOOT SWATH ON THE SHOULDERS OF DEPARTMENT MAINTAINED ROADS THROUGHOUT THE STATE. THIS IS ACHIEVED THROUGH THE APPLICATION OF HERBICIDES AND PRE-EMERGENT HERBICIDES. MAINTAINING THE ROADSIDE ENVIRONMENT IS IMPORTANT FOR BOTH PUBLIC SAFETY AND MITIGATION OF NOXIOUS VEGETATION PER NRS 555. THE SERVICE PROVIDER SHALL WARRANTY THE VEGETATION-FREE SWATH. TOTAL LISTED MILES TO BE TREATED ARE APPROXIATELY 5,347 CENTERLINE MILES. ALL HERBICIDES SHALL CONFORM TO THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT (FIFRA) WHICH IS ADMINISTERED AND REGULATED BY THE US ENVIRONMENTAL PROTECTION AGENCY, STATEWIDE. NV B/L#: NV20181232722-R PROPOSERS: DEANGELO BROTHER, LLC, PESTMASTER SERVICES, UNITED RIGHT OF WAY

Line Item 1

Request to Solicit Services and Budget Approval (2A)
Amendments for time extensions (time only) do not require a form 2a

Initial Budget Request × Request for Amendment #: 1 Agreement #: P362-18-015

If Amendment, name of Company: HDR Engineering, Inc.

Project ID #(s): 73518

Type of Services: Engineering Services

Originated by: Jenica Keller

Division: Project Mgmt

Date Originated: 09/19/2019

Division Head/District Engineer: Nick Johnson

Budget Category #: 06-BLDG LND IMP Object #: 814D

Organization #: B015

Estimated Cost: \$640,000

Type of Funding: Fed/State

% of Fund: 95/5

Funding Notes:

State Fiscal Year(s): 2020

An additional \$640,000 is requested for Amendment No. 1, all of which is needed for FY2020.

Financial Management:

DocuSigned by:
Donna Spelts
6ABCF3985623400
Signature

09/23/2019

Date

× Requires Transportation Board Approval

Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

DocuSigned by:
Kathleen McKee
9E9F10973C15440
Signature

09/23/2019

Date

Director:

DocuSigned by:
Kristina L. Swallow
C4B612FC2C15440
Signature

09/23/2019

Date

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:



Any additional information to attach:

Yes

**Purpose of, and Justification for, Budget Request:**

The Department's Traffic Operations Division does not have the resources to meet the delivery schedule for the design of the Signals, Lighting and Intelligent Transportation Systems (SLI) and Permanent Signing of this major project, so HDR was hired to perform this work. As the design has advanced, additional design and coordination is needed than what was originally agreed to including: structural design for additional non-standard overhead sign structures, underdeck lighting, sign structure lighting, additional signals, modifications to existing signals, and extensive coordination with local agencies and Nevada Energy.

Scope of Services:

The scope of services for this amendment includes preparation of the Signals, Lighting and Intelligent Transportation Systems (SLI) and Permanent Signing contract documents and construction support for Phase 3D.

Phase 3D consists of constructing the remaining portions of the Centennial Bowl Interchange and upgrading CC-215 to a 6-lane freeway.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

September 20, 2019

TO: Cliff Lawson, Deputy Director, Project Delivery

FROM: Jenica Keller, Senior Project Manager DocuSigned by:
Jenica Keller
D4A618F26D8B447...

SUBJECT: Negotiation Summary for P362-18-015 Amendment No. 1 Engineering Services for US-95NW Centennial Bowl Phase 3D

HDR Engineering, Inc., Nevada Business License NV19851010291, provided their original scope of work to NDOT via email on September 16, 2019. Negotiations were conducted via email with follow up phone calls between Pam Pierce, HDR Engineering Inc., Eric MacGill and Jamie Fuller-Dunn of Traffic Operations, Kim Diegle of Road Design, Michael Taylor of Structures, and Jenica Keller of Project Management of the Nevada Department of Transportation (DEPARTMENT). During negotiations, the team identified additional scope needed to for the project such as design and construction support for underdeck fixtures, overhead sign lighting, and non-standard overhead sign structures. The original agreement assumed the design of 2 non-standard overhead sign structures; however, after advancing the project, an additional 7 non-standard overhead sign structures were identified. The original agreement also assumed approximately 20 meetings to coordinate the design with two local public agencies as well as with utilities. With multiple agencies maintaining various aspects of this project, a large amount of communication is required. It is anticipated more than 70 meetings will be required. Thus, the negotiated cost increased from the original estimates.

This duration of this agreement will be approximately 5 years, ending on June 30, 2023.

The scope of services that are to be provided by the SERVICE PROVIDER was reaffirmed by both parties at the outset. The scope of services includes:

1. Design and Construction Support for
 - a. Signals, Lighting and Intelligent Transportation Systems (SLI) and
 - b. Permanent Signing.

The following schedule was agreed to by both parties:

Date	Task to be Completed
November 2019	Submit QA PS&E
March 2020	Submit Final PS&E
January 2021	Begin Construction
December 2023	Construction Complete

Key personnel dedicated to this project are as follows:

Name	Title
Reid Kaiser	Principle in Charge
Pam Pierce	Project Manager
Laycee Kolkman	Senior Traffic Lead

There are no sub-consultants being utilized on this Project.

The DEPARTMENT's original estimate was \$481,209 including direct labor (2,812 man-hours of work by the SERVICE PROVIDER), overhead rate of 155.44%, a 12% fee, and direct expenses at \$18,500.

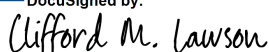
The SERVICE PROVIDER's original estimate was \$475,181, including direct labor (2,782 man-hours of work by the SERVICE PROVIDER), overhead rate of 155.44%, a 12% fee, and direct expenses at \$18,500.

The overhead rate of 155.44% was provided by the Internal Audit Division.

The negotiations yielded the following:

1. There will be 3,848 total man-hours allotted throughout the course of this agreement at a direct labor cost of \$214,622 including a prorated amount for anticipated raises, which will take effect over the term of the agreement.
2. Based upon the direct labor costs and an overhead rate of 155.44%, the overhead amount will be \$333,608.
3. A fee of 12% was agreed to by both parties and will be \$65,788 for this agreement based upon direct labor costs and an overhead rate of 155.44%.
4. The direct expenses agreed to total \$18,500 for reproduction, communication, travel and per diem. There will be no direct compensation for computer time.
5. The total negotiated cost for this amendment is \$632,518.00. The total negotiated cost for this Agreement is \$1,306,323.00.

Reviewed and Approved:

DocuSigned by:

 609C7D7ABB4A443...

Deputy Director

EXHIBIT X

SCOPE OF SERVICES

FOR

Amendment No. 1 Signals, Lighting, and ITS (SLI) and Permanent Signing Services for the US 95NW Centennial Bowl Phase 3D/E Project

These Subsections are revised as follows:

1.0 DESIGN PROJECT MANAGEMENT

1.1 DESIGN PROJECT ADMINISTRATION

The DEPARTMENT's Project Manager (PM) will continue to manage the US 95NW Centennial Bowl Phase 3D/E Project team (including SERVICE PROVIDER augmentation) and deliver the project.

The SERVICE PROVIDER will continue to provide a committed, readily available management and design team focused on the SLI Services for the US 95NW Centennial Bowl Phase 3D/E Project that is knowledgeable of past and proposed DEPARTMENT efforts, experienced with the proposed scope elements, and has the available capacity to successfully oversee the design and construction support efforts within the anticipated schedule.

The SERVICE PROVIDER's Project Manager shall continue to correspond directly with the DEPARTMENT's Project Manager. All correspondence between the SERVICE PROVIDER and the DEPARTMENT shall include notification to the DEPARTMENT's Project Manager unless directed otherwise by the DEPARTMENT's Project Manager. The SERVICE PROVIDER's Project Manager shall provide the DEPARTMENT's Project Manager monthly, detailed management reports clearly identifying project progress (budget and schedule). The project management reports will identify work completed, schedule and progress relative to the project schedule, and budget used for the various tasks.

1.2 DESIGN MEETINGS AND COORDINATION

1.2.3 OTHER DESIGN TEAM MEETINGS

SERVICE PROVIDER will continue to prepare for and attend other DEPARTMENT team meetings as necessary to coordinate the SLI design with other DEPARTMENT discipline teams. These meetings include monthly technical team meetings, traffic control meetings, and coordination meetings for SLI design, potholing, and structural detailing needs. The SERVICE PROVIDER's PM and/or one of the SERVICE PROVIDER's Traffic Leads will attend these meetings on an as-needed basis (22 additional meetings assumed).

1.2.4 DESIGN FIELD REVIEWS

The SERVICE PROVIDER shall visit the site as necessary to verify existing conditions and ongoing construction as necessary for the SLI design. (2 additional site visits assumed).

1.2.5 DESIGN UTILITIES AND LOCAL AGENCIES MEETINGS

SERVICE PROVIDER will continue to organize and attend meetings to coordinate the SLI design with other local agencies including the City of Las Vegas, FAST, and Clark County; utilities including, but not limited to, NV Energy; NDOT Traffic Operations, NDOT R/W Utilities, NDOT Landscape and Aesthetics, NDOT District 1 staff, NDOT Resident Engineer, NDOT Service Providers such as GCW Engineering and Atkins Global, and others as necessary. SERVICE PROVIDER will prepare agendas, meeting minutes and track action items for the group (27 additional meetings assumed).

2.0 INTERMEDIATE (60%) TRAFFIC DESIGN

2.1 LIGHTING

The SERVICE PROVIDER will develop the Intermediate (60%) lighting design with the high mast and Type 7/Type 14 light poles based on the layouts included in 73518 Intermediate Plans dated March 2013, address lighting elements included in Contract 3583 dated December 2014 through July 2017, and address lighting elements included in Contract 3724 dated January 2018 with construction anticipated to commence October 2018. SERVICE PROVIDER will prepare Intermediate (60%) lighting plans including layouts showing lighting standards, **underdeck fixtures** and conduit locations, **overhead sign lighting**, and other lighting appurtenances in accordance with applicable standards, design criteria, and the DEPARTMENT's SLI Design Guide. The SERVICE PROVIDER will prepare Intermediate (60%) lighting notes.

The SERVICE PROVIDER will continue to coordinate with Atkins, GCW, and NDOT Landscape Architecture regarding electrical service for architectural lighting. Architectural lighting design is not considered to be part of this scope of work and will not be provided. GCW, in coordination with DEPARTMENT Landscape Architecture, shall provide the necessary information to size the power sources. The SERVICE PROVIDER will design power sources for all roadway and high mast lighting as well as the traffic signals and will provide GCW and NDOT Landscape Architecture with the calculation for the remaining capacity at each location. GCW will design the CLV trail lighting and DEPARTMENT's Landscape Architecture lighting, and GCW will modify that design to be accomplished using the seven (7) power sources identified by HDR, or GCW will determine the capacity of additional sources independently.

The SERVICE PROVIDER will continue to coordinate requirements for overhead sign lighting electrical service with NV Energy, NDOT R/W Utilities, NDOT Traffic Operations SLI Section, and NDOT District 1 staff. The SERVICE PROVIDER will determine the electrical service points and coordinate with NV Energy, NDOT R/W Utilities, and NDOT District 1 staff. Clark County electrical services for overhead sign lighting are outside the scope of this amendment.

Deliverables:

- Intermediate (60%) Lighting Notes Sheet
- Intermediate (60%) Lighting Plans
- Lighting Analysis Report

2.6 CONSTRUCTION COST ESTIMATES

The SERVICE PROVIDER will develop a pre-Intermediate (pre-60%) Construction Cost Estimate for Permanent Signing and SLI items, including the DEPARTMENT's bid item numbers and descriptions, in accordance with the DEPARTMENT's Project Cost Estimation Manual and SLI Design Guide. The SERVICE PROVIDER's pre-Intermediate (pre-60%) Construction Cost Estimate for Permanent Signing and SLI items will be used by the DEPARTMENT to track project costs. Permanent Signing and SLI quantities will be at the pre-Intermediate (pre-60%) design level, but most Permanent Signing and SLI bid item numbers will be identified to cover all known work. This Construction Cost Estimate is the SERVICE PROVIDER's Opinion of Probable Construction Cost.

Deliverables:

- Pre-Intermediate (pre 60%) Permanent Signing and SLI Cost Estimate including Bid Item List, Quantities, and Unit Prices

3.0 QA (90%) TRAFFIC DESIGN

3.1 PRE-85% AND 85% PLAN SUBMITTALS

The SERVICE PROVIDER will integrate reconciled DEPARTMENT, Constructability and QA/QC team, and relevant agencies' (including the City of Las Vegas and FAST) comments **on the** Intermediate (60%) SLI and

Permanent Signing design and revise and refine the SLI and Permanent Signing design documents to the 85% level.

3.1 LIGHTING

The SERVICE PROVIDER will refine the Intermediate (60%) lighting plans to the 90% level, including layouts showing lighting standards, underdeck fixtures and overhead sign structure lighting, relocation for electrical lines in conflict with structures and conduit locations, and other lighting appurtenances in accordance with applicable standards, design criteria, and the DEPARTMENT's SLI Design Guide. The SERVICE PROVIDER will prepare lighting schedules, lighting details including any structural foundation requirements, lighting structure list, and refine lighting notes.

The SERVICE PROVIDER will provide voltage drop calculations based on the locations shown in the layouts depicted in the QA (90%) lighting plans developed above.

The SERVICE PROVIDER will continue to coordinate with Atkins, GCW, and NDOT Landscape Architecture regarding electrical service for architectural lighting. Architectural lighting design is not considered to be part of this scope of work and will not be provided. GCW, in coordination with DEPARTMENT Landscape Architecture, shall provide the necessary information to size the power sources. The SERVICE PROVIDER will design power sources for all roadway and high mast lighting as well as the traffic signals and will provide GCW and NDOT Landscape Architecture with the calculation for the remaining capacity at each location. GCW will design the CLV trail lighting and DEPARTMENT Landscape Architecture lighting for structures and GCW will modify that design to be accomplished using the seven (7) power sources identified by HDR, or GCW will determine the capacity of additional sources independently.

The SERVICE PROVIDER will continue to coordinate requirements for overhead sign lighting electrical service with NV Energy, NDOT R/W Utilities, NDOT Traffic Operations SLI Section, and NDOT District 1 staff. The SERVICE PROVIDER will determine the electrical service points and coordinate with NV Energy, NDOT R/W Utilities, and NDOT District 1 staff for the electrical services. Clark County electrical services for overhead sign lighting are outside the scope of this amendment. The SERVICE PROVIDER will obtain and provide the addresses for the service points from the City of Las Vegas and the DEPARTMENT.

Deliverables:

- QA (90%) Lighting Notes Sheet
- QA (90%) Lighting Plans, including underdeck and overhead sign structures
- QA (90%) Lighting Schedules
- QA (90%) Lighting Details
- QA (90%) Lighting Structure List
- QA (90%) Voltage Drop Calculations

3.2 SIGNING

The SERVICE PROVIDER will refine the Intermediate (60%) traffic signing roll plot to the 90% level, including layouts showing overhead and ground mounted sign panels, removals, posts and overhead sign structures, and other signing components in accordance with applicable standards and design criteria. The SERVICE PROVIDER will prepare sign panel details for ground mounted signs and overhead sign structures, summaries, overhead signing cross sections, and any structural foundation requirements in accordance applicable standards and design criteria. The SERVICE PROVIDER will refine the signing notes.

The SERVICE PROVIDER will review existing sign structures to determine if additional sign panel height/width can be accommodated on the existing structures. The SERVICE PROVIDER will develop up to eight (8) sign panels to accommodate new legends on existing structures.

The SERVICE PROVIDER will design specialty signs to accommodate directional signage on traffic signal poles including design of the signs and structural analysis of the poles.

The SERVICE PROVIDER will prepare design calculations and 90% level plans for up to five (5) additional overhead sign structures that have sign panel sizes that are larger than those accommodated under the DEPARTMENT's 2017 Standard Plans. The SERVICE PROVIDER will prepare design calculations and 90% level plans for up to two (2) overhead sign structures that require foundation modifications to the overhead sign structures included in the DEPARTMENT's 2017 Standard Plans. In the event that design calculations are required for overhead sign structures, the DEPARTMENT will provide the SERVICE PROVIDER with the applicable Geotechnical design parameters for the foundation.

Deliverables:

- QA (90%) Signing Notes Sheet
- QA (90%) Signing Summary Sheets
- QA (90%) Signing Removal Plans
- QA (90%) Signing Plans
- QA (90%) Signing Details
- QA (90%) Ground Mounted Sign Panel Details
- QA (90%) Overhead Sign Structure Panel Details
- QA (90%) Overhead Signing Cross Sections
- QA (90%) Overhead Sign Structure Plans (seven additional assumed)
- QA (90%) Design Calculations for Overhead Sign Structure(s)

3.3 SIGNALS

The SERVICE PROVIDER will refine the Intermediate (60%) traffic signal designs to the 90% level for the following intersections:

- Sky Pointe Dr / W Centennial Pkwy
- Sky Pointe Dr / EB CC215 Ramp (between "P3" and "P2" ramps)
- Sky Pointe Dr / WB CC215 Ramp (between "P4" and "P1" ramps)
- Oso Blanca and WB CC215 Slip Ramps
- Modifications at Sky Pointe Dr / Tropical Pkwy/Azure Dr
- Modifications at Oso Blanca Rd / Centennial Center Blvd
- Undergrounds at Oso Blanca Rd / EB CC215 Slip Ramps (stop sign controlled)
- Removal of signal system at existing Sky Pointe Dr / CC215
- Removal of signal system at existing Oso Blanca Rd / CC215

The SERVICE PROVIDER will refine the Intermediate (60%) signal plans to the 90% level, including layouts showing locations of traffic signal appurtenances and signal phasing in accordance with applicable standards, design criteria, and the DEPARTMENT's SLI Design Guide. The signal plans will reflect interconnect conduit for the length of the project. The SERVICE PROVIDER will prepare signal schedules, details for internally illuminated street name signs (IISNS), details including structural or foundation requirements, signal structure list, and refine the traffic signal notes.

The SERVICE PROVIDER will coordinate requirements for signals electrical service with GCW, NV Energy, NDOT R/W Utilities, NDOT Traffic Operations SLI Section, and NDOT District 1 staff. The SERVICE PROVIDER will determine the electrical service points and coordinate with NV Energy, NDOT R/W Utilities, and NDOT District 1 staff for the electrical services. The SERVICE PROVIDER will obtain and provide the addresses for the service points from the City of Las Vegas and the DEPARTMENT.

Deliverables:

- QA (90%) Signal Notes Sheet
- QA (90%) Signal Plans
- QA (90%) Conduit and Detector Plans
- QA (90%) Signal Schedules
- QA (90%) Signal Details
- QA (90%) IISNS Format Sheets
- QA (90%) Signal Structure List

3.4 INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

The SERVICE PROVIDER will refine the Intermediate (60%) ITS plan to the 90% design level, including fiber splicing details, relocation plans for conflicts with structures, ITS cabinet notes and details, detector location and orientation, wrong way warning system detail, flow detector detail, and prepare the ITS structure list.

If required, the SERVICE PROVIDER will develop a detail for conduit in the bridge barrier rail. If required, the SERVICE PROVIDER will then provide structural analysis for the detail cross section.

The SERVICE PROVIDER will coordinate requirements for electrical service with NV Energy, FAST, NDOT R/W Utilities, NDOT Traffic Operations SLI Section, and NDOT District 1 staff. The SERVICE PROVIDER will determine the electrical service points and coordinate with NV Energy, NDOT R/W Utilities, and NDOT District 1 staff for the electrical services. The SERVICE PROVIDER will obtain and provide the addresses for the service points from the local entity.

Deliverables:

- QA (90%) ITS Layout Sheet including Smart Cities conduit and cable
- QA (90%) ITS Notes Sheet
- QA (90%) ITS Plans
- QA (90%) Conduit and Routing Schedules
- QA (90%) Fiber Splicing Details
- QA (90%) Wrong Way Warning System Detail
- QA (90%) Flow Detector Detail
- QA (90%) ITS Structure List

3.6 CONSTRUCTION COST ESTIMATES

The SERVICE PROVIDER will refine the Intermediate (60%) Construction Cost Estimate for Permanent Signing and SLI items to the 90% level, including the DEPARTMENT's bid item numbers and descriptions, in accordance with the DEPARTMENT's Project Cost Estimation Manual and SLI Design Guide. The SERVICE PROVIDER will provide a summary of which Permanent Signing and SLI bid items were added or deleted from the Intermediate (60%) Construction Cost Estimate for Permanent Signing and SLI items. This Construction Cost Estimate is the SERVICE PROVIDER's Opinion of Probable Construction Cost.

The SERVICE PROVIDER will coordinate with DEPARTMENT staff to make sure the Permanent Signing and SLI items and costs are included in the QA (90%) Estimate of Quantities Report and QA (90%) Engineer's Estimate for the US95NW Centennial Bowl Phase 3D/E Project.

Deliverables:

- QA (90%) Permanent Signing and SLI Cost Estimate including Bid Item List, Quantities, and Unit Prices

3.7 SPECIFICATIONS AND SPECIAL PROVISIONS

The SERVICE PROVIDER will refine the Intermediate (60%) Notes to the Permanent Signing and SLI Specifications and current Permanent Signing and SLI pull sheets to the 90% level, identifying known requirements specific to and for development of the QA (90%) Special Provisions for:

- Section 108.04 – Limitations of Operations
- Section 624 – Accommodations for Public Traffic
- Permanent Signing and SLI items that require clarification or modification

The SERVICE PROVIDER will coordinate with DEPARTMENT staff to obtain current Permanent Signing and SLI pull sheets. The SERVICE PROVIDER will coordinate with DEPARTMENT staff to make sure the Permanent Signing and SLI items are addressed in the QA (90%) Special Provisions for the US95NW Centennial Bowl Phase 3D/E Project.

Deliverables:

- QA (90%) Notes to the Permanent Signing and SLI Specifications and Permanent Signing and SLI pull sheets

4.0 FINAL TRAFFIC SUBMITTAL

The SERVICE PROVIDER will prepare and provide responses to written QA Permanent Signing and SLI submittal comments from QA Design Review Meeting. The SERVICE PROVIDER will integrate reconciled DEPARTMENT, Constructability and QA/QC team, and relevant agencies' (including the City of Las Vegas and FAST) comments into the QA (90%) Permanent Signing and SLI design and revise and refine the Permanent Signing and SLI design documents to the Final level for inclusion in the US95NW Centennial Bowl Phase 3D/E Project Contract Documents.

The SERVICE PROVIDER will coordinate with DEPARTMENT staff to make sure the Permanent Signing and SLI items and costs are included in the Estimate of Quantities Report and Engineer's Estimate for the US95NW Centennial Bowl Phase 3D/E Project.

The SERVICE PROVIDER will coordinate with DEPARTMENT staff to make sure the Permanent Signing and SLI items are addressed in the Special Provisions for the US95NW Centennial Bowl Phase 3D/E Project.

Deliverables:

- Lighting Notes Sheet
- Lighting Plans
- Lighting Schedules
- Lighting Details
- Lighting Structure List
- Signing Notes Sheet
- Signing Summary Sheets
- Signing Removal Plans
- Signing Plans
- Signing Details
- Ground Mounted Signing Panel Details
- Overhead Signing Panel Details
- Overhead Signing Cross Sections
- Overhead Sign Structure Plans (seven additional assumed)
- Signal Notes Sheet
- Signal Plans
- Conduit and Detector Plans
- Signal Schedules
- Signal Details
- IISNS Format Sheets
- Signal Structure List
- ITS Layout Sheet
- ITS Notes Sheet
- ITS Plans
- Conduit and Routing Schedules
- Fiber Splicing Details
- Wrong Way Warning System Detail
- Flow Detector Detail
- ITS Structure List
- Temporary Signal Notes Sheet for the Traffic Control Reference Documents
- Temporary Signal Plans for the Traffic Control Reference Documents
- Temporary Signal Schedules for the Traffic Control Reference Documents

5.0 CONTRACT ADMINISTRATION SUPPORT

5.2 SUPPLEMENTAL NOTICES

The SERVICE PROVIDER recognizes unforeseen developments sometimes require that supplemental design details be produced for distribution to potential bidders, prior to the bid opening. The SERVICE PROVIDER will develop and submit revised advertisement documents including Permanent Signing and SLI plan sheets, Special Provisions, and quantities upon direction of the DEPARTMENT's Project Manager. The SERVICE PROVIDER will provide one (1) original suitable for reproduction and one (1) electronic copy. The DEPARTMENT shall be responsible for reproduction and distribution of any Supplemental Notices. One (1) additional Supplemental Notice is assumed to be developed to accommodate unanticipated issues.

6.0 CONSTRUCTION SUPPORT

6.1 ADMINISTRATION

The SERVICE PROVIDER's Project Manager shall correspond directly with the DEPARTMENT's Project Manager through the duration of construction of the US95NW Centennial Bowl Phase 3D/E Project, anticipated to be approximately an additional six (6) months. All correspondence between the SERVICE PROVIDER and the DEPARTMENT shall include notification to the DEPARTMENT's Project Manager unless directed otherwise by the DEPARTMENT's Project Manager.

6.2 SUBMITTALS

The SERVICE PROVIDER recognizes that formal Requests for Information (RFI's) or Requests for Clarification (RFC's) may result to address supplemental design issues. The SERVICE PROVIDER will prepare responses to the SLI questions as directed. (up to 2 additional RFC's/RFI's with 4 hours Senior Traffic Engineer and Traffic Engineer each assumed). The SERVICE PROVIDER will participate in the review of Shop Drawings and Submittals pertaining to the **seven (7) additional Overhead Sign Structures and Modifications designed by the SERVICE PROVIDER.** The SERVICE PROVIDER will review the Shop Drawings and Submittals pertaining to the Overhead Sign Structures designed by the SERVICE PROVIDER for adequacy, adherence to standards, and appropriateness to the project situation. The anticipated effort includes initial review and subsequent review of each submittal pertaining to the **seven (7) additional Overhead Sign Structures and Modifications designed by the SERVICE PROVIDER.**

The SERVICE PROVIDER will direct correspondence related to Submittals and Shop Drawing Reviews pertaining to Overhead Sign Structures designed by the SERVICE PROVIDER, and responses to RFI's and RFC's pertaining to SLI elements to the DEPARTMENT's Project Manager.

6.3 SUPPORT

The SERVICE PROVIDER's Permanent Signing and SLI design team will provide support to the DEPARTMENT's Resident Engineer to address supplemental design issues raised in response to design-related RFI's pertaining to Permanent Signing and SLI elements, and otherwise provide construction support services. The SERVICE PROVIDER will attend site visits or construction progress meetings at the DEPARTMENT's Project Manager's request (2 additional site visits assumed).

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☐ Limited Liability Company
☒ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☒ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

HDR Engineering, Inc.

5. Corporate/Business Entity Street Address:

Street Address: 1917 S. 67th St.	Website: www.hdrinc.com
City, State and Zip Code: Omaha, NE 68106	Point of Contact Name: Nancy Brandon
Telephone and Fax No. Ph: 402-399-1000, Fax: 402-548-5015	Email: Nancy.Brandon@hdrinc.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 6750 Via Austi Parkway, Suite 350	Website: www.hdrinc.com
City, State and Zip Code: Las Vegas, NV 89119	Point of Contact Name: Craig Smart, PE, Assoc. Vice President
Local Telephone and Fax No. Ph: 702-938-6000, Fax: 702-938-6060	Email: craig.smart@hdrinc.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
No individual has a 5% ownership stake		

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A			

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

Craig W. Smart
Signature
Associate Vice President
Title

Craig Smart, PE
Print Name
September 13, 2019
Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

Line Item 2

Request to Solicit Services and Budget Approval (2A)
 Amendments for time extensions (time only) do not require a form 2a

× Initial Budget Request Request for Amendment #: Agreement #:

If Amendment, name of Company:

Project ID #(s): TBD

Type of Services: Administer the Local Technical Assistance Program (LTAP)

Originated by: Lucy Koury Division: Research Date Originated: 6/28/2019

Division Head/District Engineer: Ken Chambers

Budget Category #: 06 Object #: 8578 Organization #: C803

Estimated Cost: 300,000.00 Type of Funding: Fed/State % of Fund: 50/50

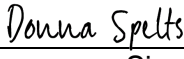
Funding Notes: State Fiscal Year(s): 2020-2021

Research will be issuing an RFP to solicit a provider to perform the LTAP services for Federal

Fiscal Year 2020. State FY breakdown is estimated to be:

FY20 = \$225,000; FY21 = \$75,000; Total = \$300,000

Financial Management:

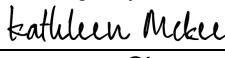
DocuSigned by:

 8A78D93AD71549
 Signature Date 7/2/2019

× Requires Transportation Board Approval

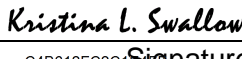
Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

DocuSigned by:

 9E9F10973C1544
 Signature Date 7/3/2019

Director:

DocuSigned by:

 C4B612FC2C1544
 Signature Date 7/3/2019

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:

Any additional information to attach:

Yes

**Purpose of, and Justification for, Budget Request:**

LTAP is a federal program that helps local agencies increase the quality and safety of their surface transportation system through access to training and technology transfer. NDOT is allotted \$150,000 in LTAP funds from FHWA and is providing an equal match for a total one-year program allotment of \$300,000.00

Scope of Services:

The goal of this program is to ensure local agencies managing a transportation program receive training and technical assistance in highway related topics so they may apply new highway innovations in their programs. The Service Provider will locate, operate, and maintain a physical LTAP Center facility. It is anticipated that the LTAP Center will be a hub for operating LTAP, and from which overall management and controls will be run. This management includes, but is not limited to, all work necessary to manage production efforts of the LTAP Center, coordinate with the DEPARTMENT, provide a transition for program continuity and reporting from the existing LTAP agreement-holder, and monitor progress.

See attached for full Scope of Services.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

September 25, 2019

TO: Sondra Rosenberg, Assistant Director

FROM: Ken Chambers, Project Manager DocuSigned by:
Ken Chambers
111217B745C5499...

SUBJECT: Negotiation Summary for RFP 385-19-803 Local Technical Assistance Program Administrator

A negotiation meeting was held at NDOT Research in Carson City on Tuesday September 10, 2019, with Steve Seeds and Nancy Laffey from Applied Pavement Technology (APT) and Ken Chambers, Barbara Stearns, and Lucy Koury of the Nevada Department of Transportation (DEPARTMENT) in attendance.

This duration of this agreement will be 1 year, ending on September 30, 2020, with the option to renew for additional year(s).

The scope of services that are to be provided by the SERVICE PROVIDER was reaffirmed by both parties at the outset. See attached Scope of Services.

Key personnel dedicated to this project are as follows:

Name	Title	Estimated Number of Hours
Steve Seeds	Project Manager, Technical Assistance Manager	240
Nancy Laffey	Project Manager, Training Program Manager	480
Jim Nichols	Technical Assistance Coordinator	384
Randy Bowling	Technical Assistance Coordinator	384
Jeremy Birkey	Program Coordinator	480
Tracey Smith	Administrative Support	144
David Peshkin	Principal-in-Charge	12

Subcontracts will be entered into with individual trainers as-need to help fulfill the training requirements of this Project. At this time, we cannot identify the subcontractors as this will vary depending on the training expertise needed. A total of \$65,094.06 is budgeted for subcontracts.

The Total Project budget is \$300,000.00 for one (1) year. This is a standard amount for LTAP administration, with FHWA providing \$150,000.00 and the DEPARTMENT providing the other \$150,000.00.

The negotiations yielded the following:

1. There will be a total of 2,124 man-hours allotted to this Project.
2. The total negotiated cost for this agreement is \$300,000.00.

Reviewed and Approved:

DocuSigned by:

Assistant Director 09/30/2019

Attachment A - Scope of Services

The goal of this program is to ensure local agencies managing a transportation program receive and apply capacity building assistance in highway related topics and apply new highway innovations in their programs.

Operation and Management of an LTAP Center

The SERVICE PROVIDER will locate, operate, and maintain a physical LTAP Center facility. It is anticipated that the LTAP Center will be a hub for administering LTAP, and from which overall management and controls will be run. This management includes, but is not limited to, all work necessary to manage production efforts of the LTAP Center, coordinate with the DEPARTMENT, provide a transition for program continuity and reporting from the previous LTAP agreement-holder, and monitor progress.

Throughout the project, the SERVICE PROVIDER is required to submit quarterly reports inclusive of all LTAP Center activities and host on-site meetings as requested by the DEPARTMENT to assure adequate oversight and monitoring of activities.

Additional responsibilities include, but are not limited to the following:

- Ensure the Annual Work Plan demonstrates training sessions.
- Evaluate program effectiveness, including but not limited to the submission of annual Program Assessment Report (PAR), and the challenges that have occurred while deploying innovations, etc.
- Complete baseline analysis of available training and distribute the list of courses via the FHWA external SharePoint site.
- Incorporate new innovative technologies and practices into the curriculum, and documenting such.
- Maintain an advisory committee to identify, coordinate, and prioritize the technical assistance needs of local transportation partners.
- Maintain the Nevada LTAP Road Scholar certification system.
- Maintain a database of all program students, participants, stakeholders, and potential customers.
- Establish a communication plan to relay information to and gather needs from local agencies.
- Develop and maintain an LTAP Center website.
- Publish a quarterly newsletter.
- Identify and develop transportation competencies and identify resources available to meet needs.
- Develop an auditable approach for matching agreed competency levels with actuals and resulting training outcomes.
- Comply with all state and local laws and regulations.

The goal of the SERVICE PROVIDER through the LTAP Center is to deliver training and technical assistance.

Agreement Deliverables

- 1) **LTAP Center:** SERVICE PROVIDER must maintain a fully functional LTAP Center capable of handling services required in this project.
- 2) **Annual Work Plan:** To maintain operational and fiscal goals, the SERVICE PROVIDER shall develop an annual work plan. The work plan shall establish how the LTAP Center will

work toward achieving established goals, including a training plan, activity milestones and resource allocation estimates. The work plan will include a schedule for proposed training and technical assistance and should include recipients and methods of delivery.

The goal of the LTAP Center's training and direct technical assistance may constitute an approximate average of one hundred sixty (160) hours per month in the annual work plan. This goal is a moving target and is not intended to stifle innovation in providing training and technical assistance. To ensure a balance of training and technology transfer, the LTAP Center's participation (non-training role) and support of conferences, symposiums, workshops, and the like shall not exceed ten percent (10%) of the SERVICE PROVIDER's activities in the Annual Work Plan, unless approved by the DEPARTMENT's Project Manager. This is inclusive of representing Nevada at the National LTAP Conference. As much as possible, all conferences (host/attendee) should be included in the Annual Work Plan. All conferences, symposiums, workshops, and the like that are hosted or co-sponsored by the LTAP Center will need to be approved in advance by the DEPARTMENT's Project Manager.

Technical assistance for this project is described as the process of providing targeted support based on need, to local agencies. This includes providing skills training and transportation-subject working knowledge to an organization with a development need or problem.

- 3) **Quarterly Progress Reports:** The SERVICE PROVIDER shall submit progress reports to the DEPARTMENT's Project Manager. These reports shall be submitted quarterly following the reporting period. The reports shall be in a format as directed by the DEPARTMENT's Project Manager and include the following items:
 - a. A clear account of the work performed under each task during the reporting period including:
 1. Training delivered (to include, but not limited to, attendees and contact information for attendees);
 2. Training hosted;
 3. Any joint training conducted;
 4. Conferences attended or hosted;
 5. Technical assistance provided; and
 6. Any "success stories."
 - b. An outline of the work to be accomplished under each task during the next reporting period;
 - c. A description of any problem encountered or anticipated that will affect the completion of any work within the timeframe set, together with recommended solutions to such problems; or, a statement that no problems were encountered;
 - d. Quarterly progress reports will include the name(s) of classes taught for the previous month, the time spent preparing for the class, the time delivering the class, number of attendees (including affiliate) and any eligible costs associated with the delivery. Any time there is a deviation from the anticipated production, i.e., between classes planned and classes taught, an explanation will need to be submitted with the quarterly report, and;
 - e. Training evaluation surveys for both online and in-person training will be completed by course participants (after each course), with summarized metrics, and summaries will be provided quarterly.
- 4) **Blended Learning:** The SERVICE PROVIDER should employ a blended learning strategy

as approved by the advisory committee. Instructor delivered curriculum incorporates lectures, job aids, simulations, skill practice, case studies, and action planning, all of which must be provided on a statewide basis. While classroom training is currently the norm, the use of live webcasts and interactive video tele-training should be explored when appropriate to increase the effectiveness of delivering the curriculum. Develop subject matter experts as trainers, review training materials, and employ best practices associated with adult learning principles. The use of simulation and part task training present an opportunity to train in ways that enable more rapid acquisition of proficiency among learners. The SERVICE PROVIDER will have the ultimate responsibility to facilitate registration for all courses, and ensure the use of creative methods (classroom, internet, etc.) to deploy training programs.

- 5) **Tools:** The SERVICE PROVIDER will collect a variety of technical assistance tools/resource kits to help local agencies deliver their transportation program. These tools include on demand training courses, guidance documents, sample policies, standard specifications and plans, training materials, and example templates. All tools and materials will be stored and distributed by the SERVICE PROVIDER as needed or requested.
- 6) **Technical Assistance:** Technical Assistance is the process of providing targeted support to a local agency with a specific development need or problem.

Technical Assistance will be identified and provided directly and indirectly. Indirect Technical Assistance points the local agency to an external source. Direct Technical Assistance will be required to address complex issues through the collection of greater amounts of materials or coaching services that personally apply expertise to the local agency's problem or area of need.

Direct Technical Assistance will be included in the quarterly report, as well as any unresolved needs.

- 7) **Website:** In addition to training and technical assistance, the SERVICE PROVIDER will be responsible for maintaining an online presence. The visually appealing website will host content for delivery that is useful to the desired end-users, including, but not limited to, email newsletter, social media, info-graphics, leave-behinds, discussion forums, case studies promoting promising practices, and support the use of e-training modules. The website will feature information from NDOT and FHWA focus areas; provide a calendar of events including training, announcements, description, and contact information for the LTAP Center and staff; and various transportation resources to make the site useful to local agencies. The SERVICE PROVIDER will develop processes to support the development of the site and content needed. The website will be launched within sixty (60) calendar days of agreement execution with continuous updating and improvement throughout the term of the agreement.
- Design should be light, visually stimulating, and inviting to navigate.
 - User interface should present comprehensive information in a readily accessible, searchable format.
 - Content management should facilitate frequent updates of events and cross postings.
 - Homepage should generate traffic, better reaching the local agency audiences.
 - Website must be safe and secure using HTTPS and a hardened CMS.
 - Website should work well on mobile devices and tablets using best practices of responsive design.
 - Website should comply with accessibility standards and best practices to ensure

compliance with Section 508 of the Rehabilitation Act of 1973.

- 8) **Mailing List:** The SERVICE PROVIDER will keep a current mailing list of key transportation contacts for all local agencies.
- 9) **Newsletter:** Publish a quarterly newsletter. Newsletter should contain content such as program updates, program highlights, articles on successful program implementation or use of new innovations, upcoming events, frequently asked questions, event recaps, new tools, etc. The newsletter will be disseminated to the program stakeholders electronically or by mail, as needed. This newsletter should be made available on the website.
- 10) **Coordination:** In an effort to provide comprehensive services to local agencies, the SERVICE PROVIDER will need to coordinate with NDOT, FHWA, National Highway Institute (NHI), Transportation Curriculum Coordination Council (TC3), National Local Technical Assistance Program Association (NLTAPA), American Public Works Association (APWA), state and local governments, other LTAP Centers, academia, and industry organizations. The SERVICE PROVIDER is relied upon to serve as liaison with local agencies statewide for logistics of training events, workshops, addressing training and technology transfer needs, etc., for the purpose of outreach.
- 11) **Agreement Management:** The SERVICE PROVIDER will manage overall project controls for the duration of the agreement. This includes, but is not limited to, all work necessary to manage production efforts, coordinate with the DEPARTMENT, monitor progress, and fulfill all aspects of this Scope of Services.
- 12) **Monitoring and Assessment:** The SERVICE PROVIDER will be responsible for assessing quarterly performance, managing program resources to provide effective use of program dollars, and submission of annual program performance reports. Performance will be assessed against annual program performance metrics developed and provided by FHWA.

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
- ☐ Partnership
- ☐ Limited Liability Company
- ☐ Corporation
- ☐ Trust
- ☐ Non-Profit Organization
- ☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☐ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

5. Corporate/Business Entity Street Address:

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Telephone and Fax No.	Email:

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

****This section is not required for publicly-traded corporations****

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the ***Definition*** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If “YES” is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☐ No

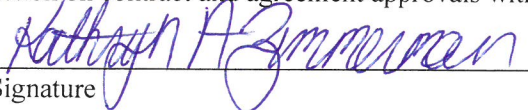
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☐ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A	N/A	N/A	N/A

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


Signature

Kathryn A. Zimmerman

Print Name

Executive Vice President

September 3, 2019

Title

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name

Authorized NDOT Representative

Line Item 3

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION**

428-17-050 Revised

For Agreement Services Only

Request to Solicit Services and Budget Approval (2A)
Amendments for time extensions (time only) do not require a form 2a

× Initial Budget Request Request for Amendment #: Agreement #:

If Amendment, name of Company:

Project ID #(s): 20547000

Type of Services: Architectural and Engineering Services thru RFP 428-17-050

Originated by: Annette Ballew Division: Maint/Asset Mgmt Date Originated: 9/12/2019

Division Head/District Engineer: Anita Bush

Budget Category #: 466006 Object #: 814M Organization #: C056

Estimated Cost: \$2,081,403.04 Type of Funding: State % of Fund: 100

Funding Notes: State Fiscal Year(s): 2020/2021

Capital Outlay approved by Legislature. Design will begin mid FY 2020 and be completed by FY 2021. 75% expenditure expected in FY 2020 and 25% in FY 2021

Financial Management:

DocuSigned by:
Donna Spelts 9/17/2019
8A78D93AD71F444... ure Date

× Requires Transportation Board Approval

Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

DocuSigned by:
Kathleen McKee 9/18/2019
9E9F10973C1B46E... Date

Director:

DocuSigned by:
Kristina L. Swallow 9/18/2019
C4B812FC2C1E4FB... Date

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION****428-17-050 Revised**
For Agreement Services Only**Attachments:**

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:

Any additional information to attach:

Yes

**Purpose of, and Justification for, Budget Request:**

Previous 2a authorization attached but the number should be 428-17-050. The initial proposal received from the Service Provider in September 2018 included lump sum of \$1,671,606.00 with 18-month schedule. Current proposal includes a lump sum of \$1,892,184.58 & a schedule to start upon Transportation Board approval, expected October 14, 2019, & be substantially complete by the NDOT Fin. Management deadline of August 2020 for approval by 81st (2021) Session of the NV Legislature. The aggressive schedule has increased the price by 13.2%. The Proj. Manager would like to include a 10% contingency of \$189,218.46 to address any unforeseen issues. The total agreement will be for \$2,081,403.04. See initial 2a attached for purpose of project explanation.

Scope of Services:**PROJECT DESCRIPTION**

The SERVICE PROVIDER will provide Architectural and Engineering (A/E) Services for the following work:

1. A space utilization and building study of the existing facility.
2. A feasibility study for a new maintenance facility.

The SERVICE PROVIDER will evaluate the existing maintenance facility space utilization and building needs. Due to inadequate space, some of the staff that should be assigned to the existing maintenance facility have been located off site. The space utilization study will incorporate all applicable staff located off site within the Las Vegas Metropolitan area.




1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

September 18, 2019

TO: Tracy Larkin-Thomason, Deputy Director

FROM: Lacey Tisler, Project Manager DS


SUBJECT: Negotiation Summary for RFP P428-17-050 Feasibility Study Las Vegas Maintenance Station MY 921

A negotiation meeting was held at the NDOT Maintenance Yard in Las Vegas on August 16th, 2019, with John Sawdon, Dennis Panars and Victoria Cousina of KNIT, formerly SH Architecture (SERVICE PROVIDER), and Lacey Tisler, Ross Baker, Anita Bush, Mary Martini and Mike Yates of the Nevada Department of Transportation (DEPARTMENT) in attendance. This meeting was to ensure that the SERVICE PROVIDER and DEPARTMENT agreed on the scope and deliverables. The scope was defined in the meeting; however, the timeline could not be determined without more information.

This meeting was followed up by additional research. The initial timeline negotiated by DEPARTMENT and the SERVICE PROVIDER in late 2018 would not meet current DEPARTMENT needs. It needed to be accelerated in order to be useful for the 2021 legislative session, increasing the previously negotiated price by 13%.

The DBE goal for this agreement has been established at Zero percent (0%).

This duration of this agreement will be 2 years and 2 months, ending on December 21, 2021.

The scope of services that are to be provided by the SERVICE PROVIDER was reaffirmed by both parties at the outset.

SEE ATTACHED SCOPE OF SERVICES

The following schedule was agreed to by both parties:

Task to be Completed	Completion Date
Task Order No. 1 – Organization and Verification	January 2020
Task Order No. 2 – Data Collection and Analysis	April 2020
Task Order No. 3 – Space Utilization with Projections	June 2020
Task Order No. 4 – Campus/Site Design	August 2020

Key personnel dedicated to this project are as follows:

Name	Title
John Sawdon	Principal-In-Charge
Dennis Panars	Project Manager
Victoria Cousino	Senior Design Associate

The SERVICE PROVIDER's original estimate in October 2018 was \$1,671,606.00, including full loaded labor (6182 man-hours of work by the SERVICE PROVIDER), and direct expenses at \$135,596 (including sub-consultant expenses).

The SERVICE PROVIDER's current proposal is \$1,892,184.58 including accelerated labor and direct expenses.

The negotiations yielded the following:

1. The "lump sum" method of compensation shall be used for the SERVICE PROVIDER's services.
2. The DEPARTMENT will include a 10% contingency to address unforeseen issues identified as the project develops. This contingency will add \$189,218.46 to the total.
2. The DEPARTMENT requested a compressed schedule increasing SERVICE PROVIDER costs by 13%. This is less than the 20% increase anticipated by the DEPARTMENT.
3. The total negotiated cost for this agreement is \$2,081,403.04 including the 10% contingency.

Reviewed and Approved:

DocuSigned by:
 09/19/2019
832931E930B041E

Deputy Director Date

Attachment A Scope of Services

TASK ORDER NO. 1 – ORGINAZATION AND VERIFICATION

Task Order No 1 shall be provided in 2-parts. Part 1 shall focus on the existing maintenance facility at 123 East Washington Avenue and shall include the organization and review of existing documentation to determine if any critical information is missing or requires additional investigation / verification. Upon the determination that missing information is critical to overall program and further site verification is required, we would develop "As-Built" drawings based upon actual site verification. As-Built drawings to include as a minimum overall gross building square footage, interior and exterior area / room square footage. Building code analysis, existing equipment layout and inventory, electrical loads, mechanical loads, hazardous material inventory and current staff levels. SERVICE PROVIDER shall include verification of the following satellite locations:

1. 3337 S. Industrial Road, Las Vegas, NV (Overflow)
2. 415 N. 8th Street, Las Vegas, NV (Overflow)

In addition to site verification of existing structures, SERVICE PROVIDER will update or create an overall existing site plan document. This document shall include the location of existing buildings, structures, entry and exits, parking lots, lay down yards, staging and storage areas, fueling Islands, site lighting, major landscape elements and adjacent property uses. The Site Plan document would also include general overall topography and site grading, storm drainage management and current utility infrastructures. In addition, we shall prepare a site plan exhibit which shall clearly identify current functions (administrative, vehicle repair, fueling, etc.) on the existing facility as well as the satellite campuses. SERVICE PROVIDER shall develop a series of graphic patterns to identify each function.

Part 2 shall relate to the potential new sites and shall include the organization and review of existing documentation to determine if any critical information is missing or requires further investigation / verification. The two (2) new sites will be studied in conjunction with each other as it is intended that each site will house specific functions for the future facility design (i.e. one site will house only administration and outward facing services while the other will provide the remaining services). Further investigation and verification would include existing site grading and topography information, existing storm water management, existing buildings and other related structures, major landscape elements, site access, existing utility infrastructures, current zoning and zoning related issues and adjacent property uses.

Deliverables shall include:

- As-Built Drawings, Floor Plan of existing buildings, structures, areas, and satellite locations
- Overall Site Plan documenting existing conditions
- Overall Site Plan with graphic representation of major functions and activities

TASK ORDER NO. 2 – DATA COLLECTION AND ANALYSIS

Task Order No. 2 will include extensive data collection through observation, interviews, and surveys. Through meetings with the DEPARTMENT Director, Division Administrators and Supervisors, SERVICE PROVIDER will verify overall goals and objectives of the project and verify all existing information regarding space projections, space assignments, and existing standards for space allotment and allocation. SERVICE PROVIDER shall collect pertinent data relating to the use, need, and requirements (i.e. covered parking) for DEPARTMENT vehicles. In addition,

SERVICE PROVIDER will review the currently pending Security Analysis. SERVICE PROVIDER shall also collect pertinent data on existing satellite campuses which may require relocation back to the existing campus. All existing documentation and reports will be reviewed by DEPARTMENT staff for confirmation or modification and returned to SERVICE PROVIDER.

SERVICE PROVIDER will set up times to visit each division and observe work flows and work space usage. These observation sessions will assist in the creation of survey forms to be submitted to the DEPARTMENT Director, Heads of Working Groups, and other identified personal. The questionnaire will be crafted by SERVICE PROVIDER to gather information regarding past and future trends in staff and space needs, adjacency requirements, level of public contact, special area requirements, agency security and visitor control, and other critical issues central to the study. The responses to the surveys will lead to one on one interviews with the DEPARTMENT Director, Heads of Working Groups, and other identified personal to verify and clarify all responses.

Deliverables shall include:

- Summary of observations and interviews
- Narrative of overall goals and objectives
- Narrative of vehicle assessment
- Narrative of satellite campuses
- Narrative of Security Requirements
- Questionnaire for departments of past and future trends and needs

TASK ORDER NO. 3 – SPACE UTILIZATION WITH PROJECTIONS

Task Order No. 3 will include the creation of specific space and work station standards using the information gathered from the survey, interview, and observation reports obtained in Task Order No. 2. These standards will be created for each working group. At this time, SERVICE PROVIDER will generate guidelines for determining which staff positions will need private offices. A report/table will be created to identify all space components for each working group included in the project. This report/table will include but will not be limited to the space needs for offices, work spaces, testing areas, storage, conference and training spaces and all specialized areas.

SERVICE PROVIDER will create projections for administrative staff levels for each division and at each staff level. The projections will be for the next 20 years in 5-year intervals. SERVICE PROVIDER will create the projections based on the correlation of primary workload indicators for each working group including growth, miles of road construction, maintenance programs, while considering possible staff reductions as a result of automation, new technologies, and general economies of scale.

Data sheets will be created for typical rooms containing environmental and performance criteria. The sheets will include but not be limited to the following: room sizes, floor, ceiling, and wall performance, finishes, lighting levels, acoustical and security needs, intrusion detection needs, electrical and mechanical needs, major equipment and occupancy levels. The data sheets will include adjacency and location requirements for rooms in each division. This document will indicate required employee interactions, public accessibility, shared spaces or equipment, and frequency of access.

Deliverables shall include:

- Narrative and drawings documenting space and work station standards
- Forecast Model for campus needs
- Project Architectural Program

TASK ORDER NO. 4 – CAMPUS / SITE DESIGN

Task Order No. 4 will generate conceptual plans for 3 locations; the existing campus located at 123 E Washington Avenue, a potential campus located at the intersection of North Shaumber Road and West Washburn Road (APN 126-36-201-003) and existing site located South of the Holsum Bead Building, at the Southeast corner of Western Avenue and West Charleston Blvd.

For the existing campus, SERVICE PROVIDER will create a new master plan that will result in the elimination of all existing mobile trailers and non-permanent structures. New conceptual floor plans will be created for proposed new and renovated structures. All new or renovated structures will be designed utilizing all standards created in previous task orders. All previously identified projections will be considered when creating, renovating, and allocating spaces. Additionally, SERVICE PROVIDER will include a conceptual master landscape plan.

Two additional sites will be planned to divide the public-facing and support services for NDOT, taking the place of a singular new campus. This will locate Administration and public-facing services on a site centrally located within city limits and support spaces to be located at the Shaumber Road site. The conceptual site plan will indicate the types, number, sizes, and amenities of the proposed buildings and include separate industrial and administrative zones. The site plan will also indicate roadway connections, electrical, water, natural gas, sewer, communication, wastewater, security measures, access control, and flood control services. A conceptual landscape plan will be included. SERVICE PROVIDER will conceptually size flood control and drainage infrastructure for the proposed new campus, conceptually size sanitary sewer infrastructure, develop average day and max day demands for water needs, and develop anticipated power needs for the new campus.

The conceptual building plans will indicate building to building and room to room adjacency requirements established in previous task orders.

SERVICE PROVIDER will work with the agency having jurisdiction as there may be multiple planning and entitlement entities involved to assist in the procurement of the proposed new site and work through zoning requirements for the 2 possible project locations.

SERVICE PROVIDER will identify any impacts to the regional travel demand model and coordinate with the necessary agency having jurisdiction regarding any improvements that NDOT may be required to make to West Washburn Road and/or North Shaumbur Road as well as the site located South of the Holsum Bead Building at Southeast corner of Western Avenue and West Charleston Blvd.

Finally, SERVICE PROVIDER will develop (2) conceptual construction cost estimates, one for existing campus renovation and one for each of the 2 new campuses.

Deliverables shall include:

- Conceptual Building and Site Architectural Program Documents for the existing campus and the 2 proposed new campuses
- Conceptual Project Phasing Plan for the existing campus and the 2 proposed new campuses
- Conceptual Building Floor Plans for the existing campus and the 2 proposed new campuses
- Conceptual Exterior Elevations (major building only) for the existing campus and the 2 proposed new campuses

- Conceptual Site Plans for the existing campus and the 2 proposed new campuses
- 1 - rendered aerial site plan and 3 - rendered major elevations for existing campus and the 2 proposed new campus.
- Conceptual Grading and Drainage Plans for the existing campus and the 2 proposed new campuses
- Conceptual cost estimate for Level 2 remediation of the existing campus.
- Conceptual Landscape Plans for both the existing campus and the proposed new campus
- Construction Cost Estimate for the existing campus and the 2 proposed new campuses
- Construction Phasing Schedule for the existing campus and the 2 proposed new campuses

The following services are excluded from SERVICE PROVIDER scope of work and fees.
Please note any service which is not clearly defined within this proposal is hereby excluded.

- Architectural Design (Schematic Design, Design Development, Contract Documents)
- Bidding and Negotiation
- Contract Administrations
- Geotechnical Engineering
- LEED Services
- Title Reports
- Environmental Services, Studies, and Reports

FEES

(All Fees are lump sum)

Consultant	Task Order No. 1	Task Order No. 2	Task Order No. 3	Task Order No 4
Service Provider	\$ 204,257.56	\$222,390.66	\$156,948.08	\$451,881.07
Lochsa - Civil	\$ 88,000.00	\$ 0.00	\$ 0.00	\$ 71,500.00
Mendenhall Smith - Structural	\$ 11,000.00	\$ 2,200.00	\$ 0.00	\$ 27,500.00
Aria Landscaping	\$ 28,204.00	\$ 4,037.00	\$ 13,007.50	\$ 51,267.70
MDG - Equipment	\$ 71,964.20	\$ 23,456.58	\$ 81,909.48	\$ 45,775.75
Galloway - fueling	\$ 25,300.00	\$ 13,750.00	\$ 9,350.00	\$ 12,650.00
WGC – Fire Protection	\$ 5,500.00	\$ 0.00	\$ 0.00	\$ 11,000.00
Applied Analysis – Data Collection	\$ 0.00	\$ 37,125.00	\$ 81,410.00	\$ 0.00
Harris Engineers – MPE Consult	\$ 34,320.00	\$ 0.00	\$ 0.00	\$ 74,030.00
O'Connor Const Management – Cost Estimating	\$ 0.00	\$ 0.00	\$ 0.00	\$ 32,450.00
Total per Task	\$ 468,545.76	\$ 302,959.24	\$ 342,625.06	\$ 778,054.52

Total Complete Amount: \$ 1,892,184.58

PRELIMINARY PROJECT SCHEDULE

SERVICE PROVIDER has provided a Preliminary Project Schedule. A summary can be found below.

Task Order No. 1 – October 2019 to January 2020

Task Order No. 2 – December 2019 to April 2020

Task Order No. 3 – March 2020 to June 2020

Task Order No. 4 – April 2020 to August 2020

Total Complete Amount: \$ 1,892,184.58

PRELIMINARY PROJECT SCHEDULE

SERVICE PROVIDER has provided a Preliminary Project Schedule. A summary can be found below.

Task Order No. 1 – October 2019 to January 2020

Task Order No. 2 – December 2019 to April 2020

Task Order No. 3 – March 2020 to June 2020

Task Order No. 4 – April 2020 to August 2020

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation ("NDOT") to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting 'Other', provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the "Doing Business As" (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☐ Limited Liability Company
☒ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☒ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Knit

5. Corporate/Business Entity Street Address:

Street Address: 7250 Peak Drive, Ste. 216	Website: knitstudios.com
City, State and Zip Code: Las Vegas, NV 89128	Point of Contact Name: John Sawdon
Telephone and Fax No. 7023632222 P 7023636060 F	Email: jsawdon@sh-architecture.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
John Sawdon	Principal	8.3685%
Curt Carlson	Principal	8.3685%
John Anderson	Principal	8.3685%
Mark McGinty	Principal	8.3685%
Eric Roberts	Principal	4.1842%
Dennis Panars	Principal	0.5021%
Knit Employee Stock Ownership Plan	Trustees: Eric Roberts	61.8397%
	Mark McGinty	
	Dennis Panars	

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the **Definition** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No



2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

 Signature _____ Print Name **John Sawdon**

 Title **Principal** Date **9/19/2019**

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- ☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature _____

Print Name _____
 Authorized NDOT Representative

Line Item 4

Request to Solicit Services and Budget Approval (2A)
 Amendments for time extensions (time only) do not require a form 2a

Initial Budget Request × Request for Amendment #: 2 Agreement #: P443-16-015

If Amendment, name of Company: CH2M Hill, Inc.

Project ID #(s): 74207

Type of Services: Engineering Services

Originated by: Jenica Keller

Division: Project Mgmt

Date Originated: 09/17/2019

Division Head/District Engineer: Nick Johnson

Budget Category #: 06-BLDG LND IMP Object #: 814D

Organization #: B015

Estimated Cost: \$10,000,000

Type of Funding: State

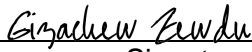
% of Fund: 100

Funding Notes:

State Fiscal Year(s): 2020-2021

For Fiscal Year 2020, \$4,800,000. For Fiscal Year 2021, \$5,200,000

Financial Management:

DocuSigned by:

 6ABCF398562340
 Signature

09/18/2019

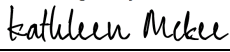
Date

× Requires Transportation Board Approval

Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

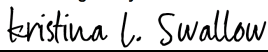
Project Accounting:

DocuSigned by:

 9E9F10973C1544
 Signature

09/18/2019

Date

Director:

DocuSigned by:

 C4B612FC2C1544
 Signature

09/18/2019

Date

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:



Any additional information to attach:

Yes

**Purpose of, and Justification for, Budget Request:**

SBX is a high priority project with an aggressive schedule. Internal resources are not available to meet the schedule of this project. CH/Jacobs performed the initial work on SBX including the preparation of the reference information documents for the design build project. They also completed the environmental document both of which will allow them to start immediately.

Scope of Services:

The scope of services for this amendment will include final design services. Support during construction will be negotiated as another amendment at the appropriate time.

Widen eastbound I-80 ramp to southbound I-580 to two lanes; restore the 3rd southbound lane at I-80; construct ramp braid between 2nd Street/Glendale and Mill Street; restripe Wells Ave. on-ramp to I-80 EB.



1263 South Stewart Street
 Carson City, Nevada 89712
 Phone: (775) 888-7592
 Fax: (775) 888-7322

MEMORANDUM

September 20, 2019

TO: Clifford Lawson, Deputy Director

FROM: Jenica Keller, Senior Project Manager

SUBJECT: Negotiation Summary for P443-16-015 Amendment No. 2 Engineering Services for Spaghetti Bowl Xpress (SBX)

DocuSigned by:

Jenica Keller

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CH2M Hill Inc. (Jacobs), Nevada Business License NV19931065492, provided their original scope of work to NDOT via email on July 17, 2019. Following discussion between the Department and CH2M, updated drafts were provided on July 21 and July 29. On August 6, another draft scope of work along with a cost estimate was sent. Following more discussion, updates to both were sent to NDOT on August 25. On August 26, face to face negotiations with the SBX Team and CH2M were held. After the negotiations meeting, an updated scope and estimate were sent on September 9 and negotiations continued. The final scope and fee were sent on September 18, 2019.

The following participated in negotiations:

Department

Project Management: Nick Johnson, Pedro Rodriguez, and Jenica Keller

Structures: Nat Mangoba and Mark Cukrov

Road Design: Devin Cartwright

Environmental: Chris Young and Cliff Creger

Public Information: Meg Ragonese and Julie Maxey

Traffic Operations: Kevin Maxwell, Eric MacGill, Rick Tydeman, Casey Sylvester, and Samuel Ahiamadi

Hydraulics: Eric Yount and Brian Matthews

Stormwater: Tyler Thew

Landscape Architecture: John L'Etoile and Lisa Harris

Performance Management: Zhuxin Yang

Construction: Mark Caffaratti and Mike West

Materials: Mike Griswold and Sara Jensen

Right of Way – Utilities: Mike Carrubba

Consultant

CH2M: John Taylor, Kim Nokes, Mike Cooper, Jim Roldan, Jerry Pruitt, Ravee Raveendra, and Charlie Grombacher

CA Group: Chad Anson and Shawn Meagher

Lage: Geoffrey Schlaffer and David Farley

Taylor Made Solutions: Kathleen Taylor

The DBE goal for this amended agreement was reestablished on July 23, 2019, at two percent (2.0%).

This duration of this agreement will be 3 years, ending on December 31, 2021.

The scope of services that are to be provided by CH2M and their sub-consultants was reaffirmed by both parties at the outset. This amendment includes scope of work through the construction of Phase 1A and up to award for Phase 1B. Another amendment will be negotiated prior to the award of Phase 1B.

The scope of services includes:

1. General
2. Project Management
3. Preliminary Design
4. Intermediate Design
5. Quality Assurance/Quality Control
6. PS&E Submittal and Review
7. Right of Way Acquisitions
8. Contract Administration Support
9. Phase 1A – RSIC Neighborhood Wall and Utility Relocation
10. Construction Support

The following schedule was agreed to by both parties:

Item	Approximate Date	Task Lead
Phase 1A		
Intermediate Design Submittal	10/17/19	CH2M
QA/QC Submittal	11/8/19	CH2M
Bid Documents Submittal	1/24/20	CH2M
Phase 1B		
Geometric Approval Submittal	10/28/19	CH2M
Intermediate Design Submittal	2/18/20	CH2M
QA/QC Submittal	7/1/20	CH2M
Bid Documents Submittal	10/2/20	CH2M

Key personnel dedicated to this project are as follows:

Name	Title
John Taylor	Principal
Kim Nokes	Project Manager
Mat Negrete	Structures Lead
Chad Anson	Road Design Lead
Charlie Webb	Environmental Lead
Kathleen Taylor	Public Information Lead
Jim Roldan	Traffic Lead
Jerry Pruitt	Hydraulics and Stormwater Lead
David Farley	Landscape Architecture Lead
Ravee Raveendra	Geotechnical Lead
Charlie Grombacher	Right of Way Lead

Sub-consultant information regarding Project Descriptions on active Agreements:

Sub-Consultant	Project Description	Agreement No.
CA Group	On-Call Engineering Services	252-17-050
CA Group	Augmentation of Crew 905 in D2	564-17-040
CA Group	Crew 926 Augmentation	215-17-040
CA Group	On- Call Design Services	662-18-016
CA Group	Environmental Re-Evaluation	671-18-015
CA Group	I-80 Corridor Study	007-18-015
CA Group	Final Design Services Nellis	079-17-010
CA Group	SR 160 Widening	294-11-015
CA Group	Environmental NEPA and Design	192-17-015
CA Group	Feasibility Study I-15	384-18-015
CA Group	Conduct Reviews and Estimate	118-18-015
CA Group	Produce Bidding Documents	535-16-015
CA Group	Oversight of LPA Projects D2	636-16-040
CA Group	Constructability Assistance	707-15-015
CA Group	I515 Interchange Design	779-15-015
Lage Design	On-Call Landscape and Design	197-17-010
Lage Design	Landscape Architecture	539-14-110
NewFields	On-Call Geotechnical Services	163-19-020
NewFields	Geotechnical Investigation	317-18-010
Stanley	No Active Agreements	NA
KCI Technologies	Subsurface Utilities On-Call	579-16-030
Golder and Associates	No Active Agreements	NA
Taylor Made Solutions	No Active Agreements	NA

The DEPARTMENT's original estimate was \$9,171,480, including direct labor (37,706 man-hours of work by the SERVICE PROVIDER), overhead rate of 102.5%, a 12% fee, and direct expenses at \$3,600,386 (including sub-consultant expenses).

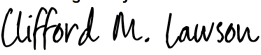
The SERVICE PROVIDER's original estimate was \$12,939,004, including direct labor (71,200 man-hours of work by the SERVICE PROVIDER), overhead rate of 102.5%, a 12% fee, and direct expenses at \$4,149,452 (including sub-consultant expenses).

The overhead rate of 102.5% was provided by the Internal Audit Division.

The negotiations yielded the following:

1. There will be 50,353 total man-hours allotted to CH2M Hill, Inc. for this agreement at a direct labor cost of \$2,942,198, including a prorated amount for anticipated raises, which will take effect over the term of the agreement.
2. Based upon the direct labor costs and an overhead rate of 102.5%, the overhead amount will be \$3,015,753.
3. A fee of 12% was agreed to by both parties and will be \$714,954 for this agreement based upon direct labor costs and an overhead rate of 102.5%.
4. The direct expenses agreed to total \$2,713,907 for sub-consultants, reproduction, communication, travel and per diem. There will be no direct compensation for computer time.
5. The total negotiated cost for this amendment is \$9,386,812. The total negotiated cost for this Agreement is \$21,015,484.86.

Reviewed and Approved:

DocuSigned by:

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Deputy Director

SCOPE OF SERVICES

Amendment 2

Agreement Number P443-16-015

I-80/I-580/US-395 System to System Interchange
Reno Spaghetti Bowl
Design Services for the Design-Bid-Build of
Spaghetti Bowl Xpress (SBX)

Prepared for
Nevada Department of Transportation

September 2019

JACOBS
CH2MHILL
2485 Village View Drive
Suite 350
Henderson, NV 89074

TABLE OF CONTENTS

1	GENERAL	1
2	PROJECT MANAGEMENT	3
2.1	General Project Management	3
2.2	Design Review Meetings	3
2.2.1	Task Excluded Project Kick-Off and Preliminary Design Field Study	4
2.2.2	Geometric Review Meeting	4
2.2.3	Intermediate Design Submittal Review Meeting	4
2.2.4	QA/QC Submittal Review Meeting	4
2.2.5	Specifications Review Meeting (PS&E Review)	4
2.2.6	Traffic Control Meetings	5
2.3	Task Excluded Field Reviews	5
2.4	Project Coordination	5
2.4.1	Project Status Meetings	5
2.4.2	Task Excluded Drainage Coordination	5
2.4.3	Task Combine with 4.7 Utility Coordination	5
2.4.4	Railroad Coordination	5
2.4.5	Miscellaneous Meetings	6
2.4.6	Project Management / DEPARTMENT Coordination	6
2.5	Public Involvement and Outreach	6
2.5.1	Ongoing Public Involvement Activities	6
2.5.2	Website	7
2.5.3	Public Meetings – Deferred to Later Amendment	7
2.5.4	Visualization and Animations– Deferred to Later Amendment	7
2.6	FHWA Major Project Requirements	7
2.6.1	Project Management Plan	7
2.6.2	Risks Assessments, Cost and Schedule Risk Assessment	7
2.6.3	Financial Plan	7
2.7	Environmental Mitigation/Compliance and Permitting	8
2.7.1	Re-evaluation of the EIS	8
2.7.2	Noise Analysis:	8
2.7.3	Environmental Mitigation Measures	8
2.7.4	Environmental Compliance	8
2.7.5	Permits	8
2.8	Task Excluded Value Analysis	8
3	PRELIMINARY DESIGN	8
3.1	Project Scope Refinement Opportunities	8
3.2	Location/Survey	9
3.3	Task Excluded Traffic Management Plan	9
3.4	Preliminary Roadway Design	9
3.4.1	Geometric Approval	10
3.4.2	Engineer's Estimate	10
3.5	Drainage	10
3.6	Structures	10
3.7	Geotechnical	11

1	3.7.1	Geotechnical Field Exploration Expectations:	12
2	4	INTERMEDIATE DESIGN	12
3	4.1	Not Used -	12
4	4.2	Roadway	12
5	4.2.1	Intermediate Design Plans.....	12
6	4.2.2	Concept Traffic Control/Staging.....	13
7	4.3	Bridge Structure Plans	13
8	4.3.1	Retaining Wall Structure Plans	14
9	4.3.2	Drainage Structure Plans.....	14
10	4.3.3	Miscellaneous Structure Plans	14
11	4.4	Drainage.....	14
12	4.4.2	Drainage Plans	15
13	4.5	Traffic	15
14	4.5.1	Signals	15
15	4.5.2	Intelligent Transportation Systems	15
16	4.5.3	Lighting	16
17	4.5.4	Signing.....	16
18	4.5.5	Striping.....	17
19	4.5.6	Moved to 4.2.2 Concept Traffic Control/Staging.....	18
20	4.5.7	Task Excluded Maintenance of Traffic Analysis	18
21	4.6	Landscape and Aesthetics	18
22	4.6.1	General	18
23	4.6.2	Landscape Ground Plane	18
24	4.6.3	Structural Aesthetic Design	18
25	4.6.4	Electrical Design	19
26	4.7	Utilities.....	19
27	4.7.1	Potholing.....	19
28	4.7.2	Coordination	19
29	4.8	Geotechnical	20
30	4.8.1	Geotechnical Deliverables:	20
31	4.9	Stormwater Quality	20
32	4.9.1	Post-Construction BMP Report.....	20
33	4.9.2	Plans for permanent (post-construction) BMPs	20
34	4.9.3	Task Excluded - Temporary Stormwater BMPs	21
35	4.10	South Truckee River Multi Use Path	21
36	4.11	Bid Items, Quantities, and Estimates	21
37	4.12	Notes to Specifications	21
38	4.13	Task Excluded Constructability Review And Construction Schedule	22
39	4.13.1	Task Excluded Constructability Review	22
40	4.13.2	Task Excluded Construction Schedule Intermediate Design	22
41	4.14	Intermediate Design Deliverables and Comment Resolution	22
42	4.15	Mill Street Intermediate Design Plans	22
43	5	QUALITY ASSURANCE/QUALITY CONTROL “SPECIFICATIONS REVIEW”	23
44	5.1	Location/Survey.....	23
45	5.2	Roadway	23
46	5.2.1	Roadway Design Plans.....	23
47	5.2.2	Traffic Control/Staging	23

1	5.3	Structural	24
2	5.3.1	Bridge Structure Plans	24
3	5.3.2	Retaining Wall Structure Plans	24
4	5.3.3	Drainage Structure Plans	25
5	5.3.4	Miscellaneous Structure Plans	25
6	5.3.5	Independent Design Checks	25
7	5.3.6	Bridge Load Ratings	25
8	5.4	Drainage	25
9	5.4.1	Drainage Design Report	25
10	5.4.2	Drainage Plans	26
11	5.5	Traffic	26
12	5.5.1	Signals	26
13	5.5.2	Intelligent Transportation Systems	26
14	5.5.3	Lighting	26
15	5.5.4	Signing	26
16	5.5.5	Striping	26
17	5.5.6	Moved to 5.2.2 Traffic Control/Staging	26
18	5.6	Landscape and Aesthetics	27
19	5.6.1	General	27
20	5.6.2	Landscape Ground Plane	27
21	5.6.3	Structural Aesthetic Design	27
22	5.6.4	Electrical Design	27
23	5.7	Utilities	28
24	5.7.1	Utilities	28
25	5.8	Geotechnical	28
26	5.8.1	Geotechnical Deliverables	28
27	5.9	Stormwater Quality	28
28	5.9.1	Post-Construction BMP Report	28
29	5.9.2	Plans for permanent (post-construction) BMPs	28
30	5.9.3	Task Excluded - Temporary Stormwater BMPs	28
31	5.10	South Truckee River Multi Use Path	28
32	5.11	Bid Items, Quantities, and Estimates	29
33	5.12	Notes to Specifications	29
34	5.13	Task Excluded Bidability Review And Construction Schedule	30
35	5.13.1	Task Excluded Construction Schedule QA/QC Review	30
36	5.13.2	Task Excluded Bidability Review	30
37	5.14	QA/QC Submittals, and Comment Resolution	30
38	6	PS&E SUBMITTAL AND REVIEW (100%)	30
39	6.1	PS&E Submittal	30
40	6.2	Resolution and Incorporating Comments	30
41	7	RIGHT OF WAY – ACQUISITIONS	31
42	8	CONTRACT ADMINISTRATION SUPPORT	41
43	8.1	Supplemental Notices	41
44	8.2	Pre-Bid Conference	42
45	8.3	Task Excluded Bid Analysis	42
46	8.4	Pre-Construction Conference	42
47	9	PHASE 1A – RSIC NEIGHBORHOOD WALL AND UTILITY RELOCATION	42

1	9.1	Intermediate Design	42
2	9.2	Landscape and Aesthetics	43
3	9.3	Utility Connections.....	43
4	9.4	Field Review.....	44
5	9.5	Location/Survey.....	44
6	9.6	RSIC Miscellaneous Lighting	44
7	9.7	Bid Items, Quantities, and Estimates	44
8	9.8	Notes to Specifications	44
9	9.9	Intermediate Design Review Meeting.....	45
10	9.10	Quality Assurance/Quality Control Specification Review	45
11	9.11	Contract Administration Support.....	45
12	9.12	RSIC Outreach Activities.....	45
13	9.13	Construction Support (Phase 1A).....	46
14	10	CONSTRUCTION SUPPORT – PHASE 1B.....	46
15			
16		Figures	
17	1	Approximate Project Limits for Basis of Service Provider's Scope of Services	
18	2	Approximate Project Limits for Basis of Service Provider's Landscape and Aesthetics	
19		Scope of Services	

1 GENERAL

The Spaghetti Bowl Xpress (SBX) PROJECT will provide for improvements to a 2-mile segment of I-580/US-395 from just north of the I-80/I-580 system interchange to Villanova Drive. The basic PROJECT improvement scope of work includes the following:

- Reconfiguring the Wells Avenue entrance-ramp to eastbound I-80 to improve current weaving issues
- Widening the I-80/I-580 east to south system ramp
- Reconstructing southbound I-580 to provide three lanes along southbound I-580 through the I-80/I-580 system interchange
- Replacing or modifying six (6) bridges along southbound I-580
- Providing sound walls to meet environmental commitments along southbound I-580
- Designing a multi-use path on the south side of the Truckee River.
- Though not a part of the construction project, scope includes preparation of Intermediate Plans for RTC's widening of Mill Street.

The PROJECT plan design and supporting documents are currently 15 percent complete. The Scope of Services for the PROJECT will advance the plans and supporting documentation to completion and ready for advertising for construction bids and construction support services. All previously developed project plans and documentation will be made available to the SERVICE PROVIDER.

The approximate Project limits for which the Service Provider will perform these Scope of Services is illustrated in Figures 1 and 2.

The SERVICE PROVIDER will build on its previous work in developing the concept design and Technical Provisions for the Spaghetti Bowl Xpress request for proposal Request For Proposal (RFP) No 300-18-015. The design specifications and standards defined in the Technical Provisions will be the basis for the PROJECT design or as amended in this Scope of Services. The Reference Information Documents (RID) will be the basis for the preliminary design unless directed by the DEPARTMENT. The SERVICE PROVIDER and the DEPARTMENT will collaborate to identify opportunities within the Technical Provisions and the RID to help optimize the scope of the planned improvements to align with the available PROJECT funding.

The PROJECT will be comprised of two phases. Phase 1A will be the design and plan/specification preparation of the RSIC neighborhood wall and utility relocations. Phase 1A is anticipated to be advertised in early 2020, with construction beginning in the Spring of 2020. NV Energy will design and prepare plans/notes/specification for all of its utility relocations including the civil work (trenches, conduits, vaults, etc.) and electrical power. The other utilities which require relocations or adjustments associated with the RSIC work, will also design and prepare plans/notes/specification for all of its utility relocations. The SERVICE PROVIDER will coordinate with the utility owners and provide the design and information for the neighborhood wall necessary for the utility owners to perform its work.

1 Phase 1B will be the design and plan/specification preparation of the remaining SBX Department
2 and Local Agency Project Infrastructure work. Phase 1B is anticipated to be advertised in fall of
3 2020, with construction beginning in early in 2021 and completed in 2023.

4 The work described in this Amendment No.2 is planned to be completed over a duration of 15
5 months.

6 Due to the expedited nature of the PROJECT, the major milestone submittals will be the
7 Intermediate Design, QA/QC Submittal, and PS&E Submittal. A submittal will be transmitted to
8 the DEPARTMENT. Various reports and memorandums will be transmitted throughout the course
9 of the PROJECT and may require concurrent reviews by the SERVICE PROVIDER,
10 DEPARTMENT, and other local agencies.

11 Deliverables identified in this Scope of Work will be provided in pdf and native format (as
12 applicable) only. No hard copies will be provided. Roll plots will be prepared in both PDF and
13 Hardcopy media.

14 DEPARTMENT and SERVICE PROVIDER reviews will be performed utilizing Bluebeam, Revu
15 applications. Comments, replies, and resolutions will be tracked utilizing Bluebeam Revu
16 software.

17 The SERVICE PROVIDER will use the current Nevada Department of Transportation (NDOT),
18 Nevada state, and federal design standards, codes, guidelines, and specifications included on
19 the DEPARTMENTS's website (nevadadot.com) as of the date of Notice to Proceed (NTP).
20 Should newer versions be adopted after NTP, the SERVICE PROVIDERS's and
21 DEPARTMENT'S Project Managers will evaluate any revisions that could result in changes to the
22 PROJECT design and evaluate changes in scope, schedule, and budget, if any.

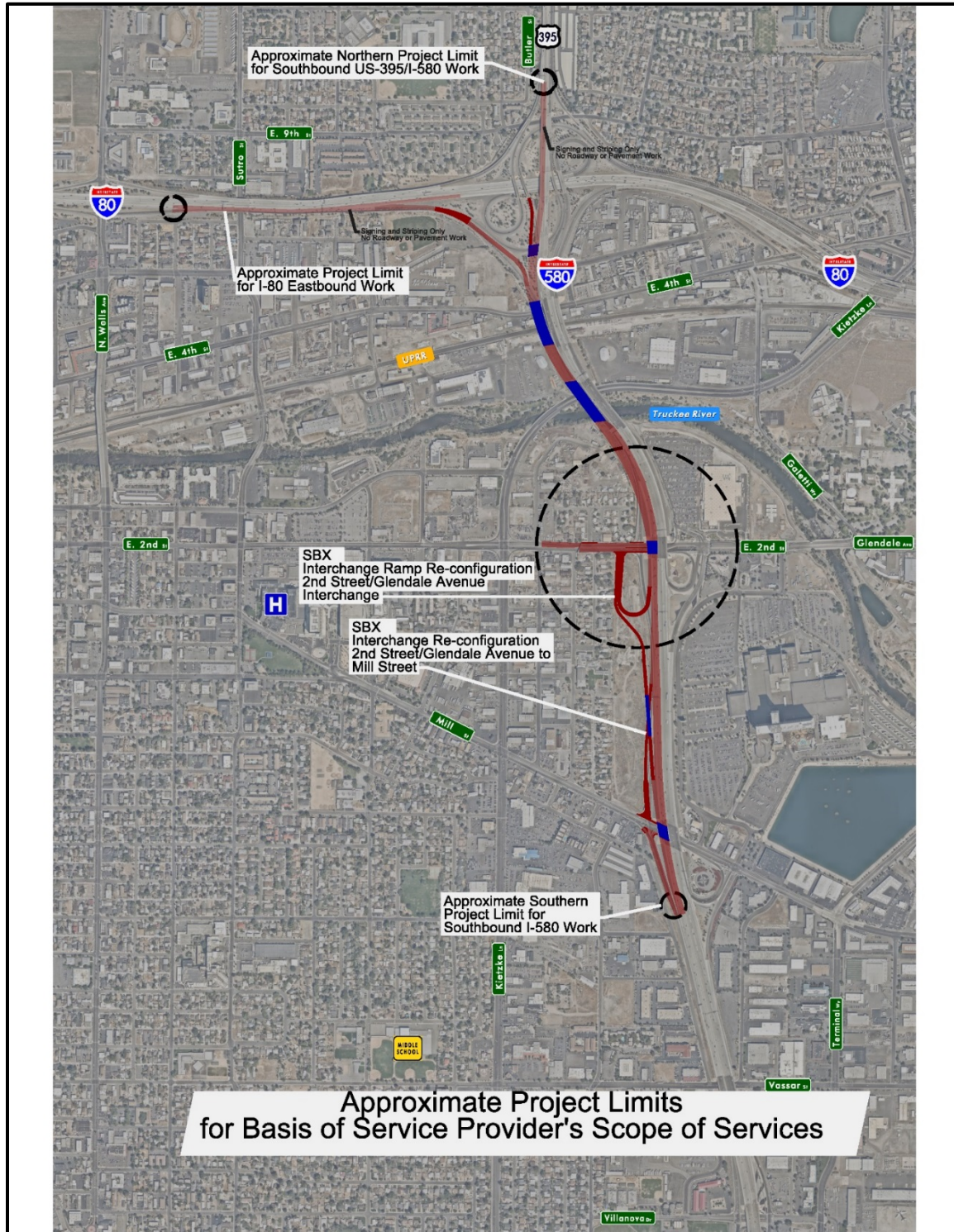


Figure 1
Approximate Project Limits for Basis of Service Provider's Scope of Services

www.oxfordjournals.org/doi/10.1093/oxfordjournals/ehp.a0012121
2
3

2 PROJECT MANAGEMENT

2.1 General Project Management

The SERVICE PROVIDER will continue to provide PROJECT coordination and file maintenance, provide monthly progress/status reports, and host and conduct PROJECT meetings.

The SERVICE PROVIDER will develop and maintain a detailed schedule for delivering the Services covered by this Amendment to the Agreement. Phase 1A Document Date has been established to be on or before August 31, 2020. Phase 1B Document Date has been established to be on or before January 27, 2020. The schedule will be provided to the DEPARTMENT's Project Manager in Microsoft Project format for review and approval. Schedule updates will be provided monthly or whenever there is a major change. Major milestones are as shown in the Schedule Attachment.

- PS&E Review Meeting – Within 4 weeks following the PS&E Review Submittal
- Final Plan Submittal – Within 2 weeks following the PS&E Review Meeting and 1 week prior to the Doc Date

The SERVICE PROVIDER will update its QA/QC previously developed. The updates will be provided to the DEPARTMENT's Project Manager for approval.

The SERVICE PROVIDER will conduct regular progress meetings (twice monthly) with the DEPARTMENT's Project Manager and other staff. These meetings will typically be held via conference call. The meetings will be attended by the SERVICE PROVIDER's Project Manager and 4 SERVICE PROVIDER staff.

To facilitate and coordinate the scope of services the SERVICE PROVIDER will conduct regular (weekly) coordination meetings with the SERVICE PROVIDER's team with DEPARTMENT participation as required. These meeting will be held via conference call. The meetings will be attended by the SERVICE PROVIDER's Project Manager and 8 SERVICE PROVIDER team members.

2.2 Design Review Meetings

The SERVICE PROVIDER will arrange for all design meetings by reserving the meeting space at the DEPARTMENT's facilities or by providing the meeting space at the SERVICE PROVIDER's facility or at another approved facility. The DEPARTMENT's Project Manager will reserve meeting spaces at the DEPARTMENT. The SERVICE PROVIDER will provide a call-in number for remote meeting participants with copies of all meeting materials distributed via the internet.

The SERVICE PROVIDER will participate in and prepare a summary of decisions and actions items discussed at meetings.. The SERVICE PROVIDER will arrange for and conduct the following meetings unless instructed to do otherwise by the DEPARTMENT's Project Manager.

1 **2.2.1 ~~Task Excluded Project Kick-Off and Preliminary Design Field~~**
2 **~~Study~~**

3 **2.2.2 Geometric Review Meeting**

4 Following concurrent “Over-the-Shoulder” (OTS) design development of roadway geometrics with
5 the DEPARTMENT, the SERVICE PROVIDER will lead a comment resolution meeting (1 day)
6 with the DEPARTMENT’s review participants to present and resolve comments. The meeting will
7 be attended by the SERVICE PROVIDER’s Project Manager and 3 SERVICE PROVIDER staff.
8 A roll plot format will be used for such a review.

9 **2.2.3 Intermediate Design Submittal Review Meeting**

10 After receipt of the DEPARTMENT’s review comments on the Intermediate Design Submittal,
11 SERVICE PROVIDER will lead a comment resolution meeting (2 days) with the DEPARTMENT’s
12 review participants to present and resolve comments. The meeting will be attended by the
13 SERVICE PROVIDER’s Project Manager and 10 SERVICE PROVIDER staff.

- 14 • Roadway: The meeting will be attended by 3 SERVICE PROVIDER staff.
- 15 • Structures: (Bridge, retaining walls, sound walls, visual screening walls, drainage structures,
16 overhead sign structures and other special structures.) The meeting will be attended by 3
17 SERVICE PROVIDER staff.
- 18 • Hydraulics and Drainage: The meeting will be attended by 2 SERVICE PROVIDER staff.
- 19 • Stormwater Management: The meeting will be attended by 1 SERVICE PROVIDER staff.
- 20 • Signals, Lighting, and Intelligent Transportation Systems (ITS): The meeting will be attended
21 by 2 SERVICE PROVIDER staff.
- 22 • Landscape and Aesthetics: The meeting will be attended by 2 SERVICE PROVIDER staff.
- 23 • After receipt of the DEPARTMENT’s review comments on the Intermediate Submittal,
24 SERVICE PROVIDER will lead a comment resolution meeting (2 days) with the
25 DEPARTMENT’s review participants to present and resolve comments. The meeting will be
26 attended by the SERVICE PROVIDER’s Project Manager and 10 SERVICE PROVIDER staff.

27 **2.2.4 QA/QC Submittal Review Meeting**

28 After receipt of the DEPARTMENT’s review comments on the QA/QC Submittal, SERVICE
29 PROVIDER will lead a one day comment resolution meeting with the DEPARTMENT’s review
30 participants to present and resolve comments. The meeting will be attended by the SERVICE
31 PROVIDER’s Project Manager and 6 SERVICE PROVIDER.

32 **2.2.5 Specifications Review Meeting (PS&E Review)**

33 After receipt of the DEPARTMENT’s review comments on the PS&E Submittal, SERVICE
34 PROVIDER will lead a comment resolution meeting (2 days) with the DEPARTMENT’s review
35 participants to present and resolve comments. The meeting will be attended by the SERVICE
36 PROVIDER’s Project Manager and 8 SERVICE PROVIDER staff.

2.2.6 Traffic Control Meetings

- General Strategy. The SERVICE PROVIDER will develop a conceptual construction staging plan and a general construction schedule based on the staging plan. The SERVICE PROVIDER will meet with the DEPARTMENT and local agency representatives to review and obtain input on the conceptual plan and schedule. The meeting will be attended by the SERVICE PROVIDER's Project Manager and 1 staff.
- Concept Traffic Control Reference Document. The Intermediate Design Submittal concept traffic control reference document plans will be reviewed by the DEPARTMENT. Following this review, the SERVICE PROVIDER will address all review comments, update the traffic control reference document, and then participate in a plan approval meeting with the DEPARTMENT and local agency representatives.
- Transportation Management Plan. The SERVICE PROVIDER will participate in meetings required for development of the Transportation Management Plan. See Section 3.3. The SERVICE PROVIDER will participate in 2 meetings with the DEPARTMENT held in Reno or Carson City. The meeting will be attended by the SERVICE PROVIDER's Project Manager and 1 SERVICE PROVIDER staff.

2.3 Task Excluded Field Reviews

2.4 Project Coordination

The SERVICE PROVIDER will arrange for all PROJECT related meetings by working with the DEPARTMENT's Project Manager to reserve the meeting space at the DEPARTMENT's facilities or by providing the meeting space at the SERVICE PROVIDER's facility or at another approved facility. The DEPARTMENT's Project Manager will reserve meeting spaces at the DEPARTMENT. The SERVICE PROVIDER will provide a call-in number for remote meeting participants with copies of all meeting materials distributed via the internet.

The SERVICE PROVIDER will participate in and prepare a summary of decisions and actions items discussed at meetings. Project Status Meetings all PROJECT related meetings to document decisions made and action items. The DEPARTMENT's Project Manager will distribute the summary of decisions made and action items..

2.4.1 Project Status Meetings

PROJECT status meetings will be held monthly. The SERVICE PROVIDER will consult with the DEPARTMENT's Project Manager and prepare an agenda before each meeting as described above. The first PROJECT status meeting will serve as the PROJECT kick off meeting where the PROJECT team, scope, and schedule will be discussed.

2.4.2 Task Excluded Drainage Coordination

2.4.3 Task Combine with 4.7 Utility Coordination

2.4.4 Railroad Coordination

The SERVICE PROVIDER and the DEPARTMENT will coordinate applicable work with Union Pacific Railroad (UPRR). The SERVICE PROVIDER will prepare plans for submittal by NDOT

1 Right-of-Way for design reviews by railroad. The DEPARTMENT will obtain Preliminary
2 Engineering agreements with UPRR. The DEPARTMENT will apply for and obtain the Public
3 Utility Commission notifications and Railroad Safety Dockets. The owners of the bridges, or their
4 designee through agreement, will be responsible for the Construction and Maintenance
5 Agreements or Supplemental agreements. Procedures and submittals for UPRR approval will be
6 in accordance with UPRR Guidelines for Design of Highway Separation Structures over Railroad
7 (Overhead Grade Separation), May 2016. The SERVICE PROVIDER will assist NDOT Right-of-
8 Way with the filing of any permit or application required as a result of the project by UPRR and
9 Public Utility Commission (P.U.C.).

10 The SERVICE PROVIDER will participate in 3 miscellaneous meetings with the DEPARTMENT
11 and/or UPRR held in Reno or Carson City. The meeting will be attended by 2 SERVICE
12 PROVIDER staff.

13 The railroad track was surveyed at 50-foot intervals as part of earlier PROJECT work and need
14 for obtaining Right of Entry agreements for access to the UPRR property for pre-engineering
15 activities is not anticipated and not included in this Scope of Services. Obtaining and paying for
16 railroad safety flagging, if necessary, for pre-engineering activities on UPRR property is not
17 anticipated and not included in this Scope of Services.

18 **2.4.5 Miscellaneous Meetings**

19 The SERVICE PROVIDER will participate in miscellaneous meetings related to development of
20 the project design when requested by the DEPARTMENT's Project Manager. An allowance of ten
21 (10) miscellaneous meetings to be held in Reno or Carson City is established for this task. The
22 meeting will be attended by 2 SERVICE PROVIDER staff.

23 **2.4.6 Project Management / DEPARTMENT Coordination**

24 The SERVICE PROVIDER will at all times maintain control over and coordinate all services
25 performed by the SERVICE PROVIDER and any sub-consultants under this agreement. The
26 SERVICE PROVIDER will maintain ongoing communications via telephone, email, and periodic
27 office visits with the DEPARTMENT Project Manager regarding project issues and progress.

28 **2.5 Public Involvement and Outreach**

29 **2.5.1 Ongoing Public Involvement Activities**

- 30 1. As requested by the DEPARTMENT, the SERVICE PROVIDER will assist in Public
31 Involvement and Outreach activities including stakeholder meetings throughout the course of
32 this Amendment No 2. An allowance of 10 miscellaneous meetings is established for this
33 task.
- 34 2. The SERVICE PROVIDER will prepare and transmit 15 monthly updates for stakeholder and
35 the public. Service up
- 36 3. The SERVICE PROVIDER will prepare materials for and attend 15 meetings with elected
37 officials and other key stakeholders.

2.5.2 Website

The SERVICE PROVIDER will continue to provide website maintenance and management of email traffic to website for the duration of this Amendment No3. Preparing materials for the PROJECT website that is maintained by SERVICE PROVIDER.

2.5.3 Public Meetings – Deferred to Later Amendment

2.5.4 Visualization and Animations– Deferred to Later Amendment

2.6 FHWA Major Project Requirements

The Project Management Plan (PMP), required as part of Federal Highway Administration's (FHWA's) Major Project, serves as a living document to maintain effective alignment between the DEPARTMENT, FHWA, Design-Builder, and SERVICE PROVIDER. The SERVICE PROVIDER will perform the services to maintain the PMP, Risks Assessments, Cost and Schedule Risk Assessment (CRA), and Financial Plans, as described below:

2.6.1 Project Management Plan

Prepare one update the draft PMP previously prepared to include the communications plan and alignment of the DEPARTMENT Technical Leads and the SERVICE PROVIDER's staff for the performance of all reviews and other DEPARTMENT obligations during Project delivery.

2.6.2 Risks Assessments, Cost and Schedule Risk Assessment

CRA: Lead the risk-based portion of one update of the Reno Spaghetti Bowl CRA. The risk assessment update will be a continuation of work done to date. Facilitate the process, working collaboratively with the Project team and Subject Matter Experts (SMEs), including independent reviewers of the Base Cost estimate.

Conduct on review of the CRA and provide a status on the effectiveness of the risk mitigation strategies, which will include DEPARTMENT team leaders including Project Management, Construction Management, and Technical Leads. The reviews will be summarized in a risk register update that includes risk mitigation strategies and adjustments to any ineffective ongoing approaches.

Upon completion of the Intermediate Design Submittal, an update to the CRA will be conducted on the PROJECT.

2.6.3 Financial Plan

Prepare financial forecasts for each of the DEPARTMENT's annual fiscal year. The forecast will be updated one time and will include the entire Project timeframe. The forecast will be done in coordination with DEPARTMENT staff, including the Project Manager and Financial Management Division.

Provide one annual update to the Initial Financial Plan. The update will address only the Reno Spaghetti Bowl Project. They will incorporate the results of the CRA and address any

developments in the financial markets and DEPARTMENT's plan to finance the Reno Spaghetti Bowl Project.

2.7 Environmental Mitigation/Compliance and Permitting

2.7.1 Re-evaluation of the EIS

The DEPARTMENT will perform the work to prepare a re-evaluation of the EIS if needed.

2.7.2 Noise Analysis:

The DEPARTMENT will perform the work to update the noise analysis based on the SERVICE PROVIDER's Intermediate Design. The SERVICE PROVIDER will coordinate with the DEPARTMENT in providing the three dimensional data (DTM) of the finish roadway surface for use in the noise model.

The following items are excluded from this Scope of Services:

- Additional data or information other than the finish grade roadway DTM.
- Meetings associated with comments or resolution of data provided to the Department.
- Revisions to roadway DTM to clarify or resolve comments related to the noise analysis.

2.7.3 Environmental Mitigation Measures

The SERVICE PROVIDER will perform the work necessary for the following mitigation items required as part of the EIS and Record of Decision.

2.7.4 Environmental Compliance

The SERVICE PROVIDER will review the Intermediate Design and QA/QC Submittals for compliance with environmental-related mitigation measures.

2.7.5 Permits

The SERVICE PROVIDER will continue its support to the DEPARTMENT in coordinating and responding to the permitting agencies comments and requests. A maximum dollar amount estimates for the SERVICE PROVIDER to perform these services will be defined in its' estimated cost proposal. If the amount is exceeded, the SERVICE PROVIDER may request a change to the Agreement and Cost to account for such increases in the scope of services.

2.8 Task Excluded Value Analysis

3 PRELIMINARY DESIGN

3.1 Project Scope Refinement Opportunities

The SERVICE PROVIDER and the DEPARTMENT will collaborate in identifying potential opportunities for refinements to the planned project scope of improvements to align with the available PROJECT funding. The SERVICE PROVIDER will participate in a 1.5-day working group held in Carson City with the DEPARTMENT to (1) further evaluate the available RFP

1 proposal information for opportunities, which could benefit the PROJECT; (2) evaluate the current
2 scope of improvements for items which could be eliminated, reduced, or deferred from the
3 PROJECT; (3) develop strategies for changing risk allocations; and (4) strategize potential
4 maintenance of traffic scenarios which could be applicable to the PROJECT along with other
5 opportunities. Conduct a screening of such opportunities to help define the recommended basis
6 of the PROJECT improvements.

7 The working group will be attended by 4 of the SERVICE PROVIDER's staff. The SERVICE
8 PROVIDER will prepare a memorandum documenting the working group's recommendations and
9 findings.

10 **3.2 Location/Survey**

11 The SERVICE PROVIDER will perform field surveys where detailed survey information is required
12 for conforming to existing facilities, geotechnical test holes, and pot-holing. Surveys will be
13 performed in accordance with acceptable procedures, record-keeping requirements, equipment
14 use, and safety precautions, and will conform to the NDOT Manual, Special Instructions for
15 Survey or Mapping Consultants, 2000 Edition. All pertinent field survey information will be
16 incorporated into the project mapping.

17 The SERVICE PROVIDER will prepare survey control plan sheets for inclusion in the construction
18 contract plans. The plans will include, at a minimum, all existing and proposed control lines,
19 horizontal geometric control points, property and right-of-way lines; existing monumentation,
20 geometric ties between proposed control lines and existing monumentation, basis of bearing,
21 benchmarks, and vertical and horizontal control datums.

22 **3.3 Task Excluded ~~Traffic Management Plan~~**

23 **3.4 Preliminary Roadway Design**

24 The SERVICE PROVIDER will use the RID materials for its basis of the preliminary design. The
25 SERVICE PROVIDER will advance the RID design to set geometrics, obtain geometric approval,
26 and evaluate the need for design exceptions.

27 The RID roll plots will be updated with potential modifications to the roadway design. The
28 SERVICE PROVIDER and DEPARTMENT will perform concurrent OTS reviews of these
29 materials in setting the geometrics. A Geometric Review meeting will be conducted before the
30 design progresses to the Intermediate design submittal.

31 The SERVICE PROVIDER will design the PROJECT to accommodate the Future Improvements
32 as described in the Section 9.3.2 (Future Improvements Infrastructure) of the Technical Provisions
33 in a manner that minimizes future demolition, relocation, or reconstruction of the PROJECT. The
34 compatibility with the PROJECT and the Future Improvements will be illustrated on roll plots with
35 notes describing the various compatibility features.

36 A Preliminary (30%) Plan Submittal or review meeting is not included in this Scope of Services.

3.4.1 Geometric Approval

The SERVICE PROVIDER will prepare the geometric approval package and design exception for modifications to the geometrics included in the RID design. The geometric approval package, prepared in accordance with the NDOT Road Design Guide (current edition), will be submitted to the DEPARTMENT as part of the Intermediate Design Submittal.

3.4.2 Engineer's Estimate

An Engineer's Estimate for the preliminary design is not included in this Scope of Services. The estimate prepared for the previous CRA will be utilized at this phase of the PROJECT. All estimating will be performed as part of the Intermediate Design and Final Design activities.

3.5 Drainage

Similar to the requirements of the Technical Provisions, the PROJECT should not result in any adverse impacts to established Federal Emergency Management Agency (FEMA) flood zones per FEMA guidelines. The SERVICE PROVIDER will verify that its design meets this requirement. Work associated with revisions to FEMA mapping is not included in the Scope of Services.

3.6 Structures

Preparation of Type Selection Reports are not included in the Scope of Services. The SERVICE PROVIDER will build upon the information included in the Technical Provisions and advance the intermediate design of the following bridges as part of Section 4.3.

I-1252S	SB 580 Over Mill St.
H-3269	SB 580 Ramp from 2nd Over SB Ramp to Mill
I-3268S	SB 580 Over E 2nd St/Glendale Ave
H-1234S	SB 580 Over Truckee River and Kietzke
G-1233S	SE and SB 580 Over 4th and UPRR
I-1149S	SB 580/WS Ramp over EN Ramp

The SERVICE PROVIDER will prepare a Type Selection Memorandum for I-1252S (SB 580 Over Mill St.) and I 3268S (SB 580 Over E 2nd St/Glendale Ave).

If requested by the DEPARTMENT, the SERVICE PROVIDER will prepare either a complete Type Selection Report or a Type Selection Memorandum for specific bridges defined by the DEPARTMENT. For such type selections the evaluation factors will include structural requirements, geotechnical requirements, cost, aesthetics, geometries, minimum clearances based on highway and railroad regulations, constructability, construction scheduling and staging, serviceability and maintenance. These factors will be evaluated for the project as a whole along with the potential for variance on a case-by-case basis. Recommendations for both the substructure and superstructure will be included. The report or memorandum will include a front sheet for each bridge that will identify the width, length, cross-section and number of spans. The report or memorandum will include a cost estimate and minimum vertical clearance (permanent and temporary) for each bridge. This scope of work is not included in the fee and will be an amendment if needed.

Preparation of retaining wall type selection reports is not included in the Scope of Services. The types of walls will be determined through collaboration with the DEPARTMENT through OTS types of reviews and discussions.

3.7 Geotechnical

Based on the review of existing geotechnical data, The SERVICE PROVIDER will prepare a geotechnical exploration plan for bridges, culverts, retaining walls, roadway, and miscellaneous structures. The exploration plan will be developed with respect to the DEPARTMENT and 8th edition of American Association of State Highway and Transportation Officials (AASHTO) LRFD guidelines. The exploration plan will be finalized by incorporating the DEPARTMENT's comments. The SERVICE PROVIDER will meet with the DEPARTMENT's Geotechnical Section to develop the geotechnical exploration plan. This will allow the DEPARTMENT to provide information for the field investigation and any special criteria. Boring locations, field sampling, laboratory testing, and design methodology will be discussed.

The SERVICE PROVIDER will coordinate and mobilize for subsurface exploration, including obtaining the markout of existing utilities through Underground Service Alert. The SERVICE PROVIDER will prepare traffic control plans and obtain all necessary permits.

The SERVICE PROVIDER will conduct a subsurface investigation to define the general subsurface profile and to obtain soil samples for laboratory testing. Borings will be drilled with an air/mud rotary drill rig, a hollow-stem auger drill rig, or Sonic drill rig. Standard Penetration Tests (SPTs) will be performed at selected intervals in the borings. Each boring will be backfilled (and patched, if needed) in accordance with the DEPARTMENT's Temporary Occupancy Permit (TOP). Depths to groundwater, if encountered, will be recorded on the boring logs. The anticipated number of borings and depths proposed are summarized below considering the previous phase of field investigation performed at the project site:

- Three 110-foot-deep borings for bridges
- Two 50-foot-deep borings for ground anchor walls at Mill Street bridge abutments
- Three 100-foot-deep borings for alternative CD Ramp bridge location (if needed only)
- Six 30- to 50-foot-deep retaining wall and sound wall borings
- Two test pits at proposed RSIC Neighborhood Wall retaining fill.

In addition to the proposed borings noted above, the SERVICE PROVIDER will conduct 12 double-ring infiltrometer tests at proposed sand-filter basin areas. The tests will be conducted at proposed basin surface elevations ranging from near existing ground surface to 9 feet below existing ground surface.

The SERVICE PROVIDER will perform laboratory testing to evaluate the physical and engineering properties of the subsoils, which will likely include in-place moisture content and density, gradation, Atterburg limits, shear strength, R-Value, soil resistivity, and chemical analysis (including pH, sulfate, and chloride). Selection of tests will be based primarily on project needs, actual soil conditions encountered during drilling activities, and quality and quantity of samples recovered from the borings.

3.7.1 Geotechnical Field Exploration Expectations:

- Borings along freeway will be drilled during night time
- Traffic control with lane closure is assumed for borings proposed on existing roadway
- Surface restoration of disturbance due to the drilling operations and infiltrometer testing will be in accordance with NRS guidelines and approved permits
- The SERVICE PROVIDER will survey the boring locations after boring completion

4 INTERMEDIATE DESIGN

4.1 Not Used -

4.2 Roadway

4.2.1 Intermediate Design Plans

The SERVICE PROVIDER will advance the previously developed 15% Design including the RIDs to an intermediate level of completion. The Intermediate Design Submittal will include the following:

- Title Sheet (The DEPARTMENT will provide the base sheet; the SERVICE PROVIDER will modify as necessary.)
- Location Sketch
- Typical Sections
- General Notes, Summaries and Estimate of Quantities
- Roadway Plan and Profile
- Grading plan
- Geometric sheet
- Location Control
- Special Details
- Site Preparation (Removals, including trees)
- Landscape Plans and Details
- Drainage plans
- Right of way
- Permanent striping details
- Traffic Control Reference Document
- Signals, lighting, and intelligent traffic systems
- Permanent signing
- Utility plans
- Bridge structures
- Retaining walls
- Structure List

The SERVICE PROVIDER will coordinate set-up of the review meeting with the DEPARTMENT's Specifications Unit. The DEPARTMENT's Project Manager will provide a point of contact in the Specifications Unit for the meeting coordination.

1 The SERVICE PROVIDER will prepare electronic versions of the plans and estimate that can be
2 used to on the DEPARTMENT's video conferencing facilities.

3 Tabulation sheets will be prepared, however, notes on the Intermediate plans will not be included
4 on the plans.

5 Where applicable the SERVICE PROVIDER may provide roll-plots instead of individual plan
6 sheets. Structural

7 **4.2.2 Concept Traffic Control/Staging**

8 The traffic control for the PROJECT will be administered as a Lump Sum type of activity, in which
9 the construction contractor will be responsible for the final planning, design and preparation of the
10 traffic control plans for its construction activities. A similar approach as that used for the
11 Centennial Bowl (Contract 3724) in NW Las Vegas will be utilized on the PROJECT.

12 The SERVICE PROVIDER will prepare concept traffic control and detouring plans for each phase
13 of the construction project detailing proposed construction phasing, traffic flow patterns, and
14 temporary detours. The concept traffic control plans will be based on traffic analysis to
15 demonstrate that the traffic control will function as designed. The plans will include illustrations of
16 construction phasing, depiction of work-zones, and travel lane configurations consisting of lane
17 drops and tappers. If temporary realignments/detours are necessary for routing traffic through the
18 PROJECT, the SERVICE PROVIDER will provide a geometric design to validate that acceptable
19 roadway design standards can be achieved, including providing typical sections, plans and
20 profiles for the detour construction.

21 The concept traffic control plans will be roll plots (+/- 36x72 inches), with staging cross sections
22 and profiles where applicable.

23 Allowable closures will be shown by the use of lane closure charts in the TMP.

24 To aid the DEPARTMENT is establishing a PROJECT price for the traffic control devices, the
25 SERVICE PROVIDER will quantify the temporary signing, temporary pavement markings,
26 temporary concrete barriers, and channelizing devices for alternate routes and required closures.
27 Where realignments or detours are proposed, the SERVICE PROVIDER will estimate the
28 quantities for temporary grading, drainage, paving and other temporary construction elements.

29 The SERVICE PROVIDER will develop plans for temporary traffic signals and lighting as defined
30 in Section 4.5.1 and 4.5.3.

31 **4.3 Bridge Structure Plans**

32 The Intermediate Design Submittal will include the following:

- 33 • Plan, Elevation, and Typical Section (Front Sheet)
- 34 • General Notes
- 35 • Geometrics
- 36 • Abutment Plan and Elevation
- 37 • Abutment Details
- 38 • Pier Details (where applicable)

- 1 • Prestressing Details (where applicable)
- 2 • Framing Plan (where applicable)
- 3 • Girder Details
- 4 • Typical Sections

5 **4.3.1 Retaining Wall Structure Plans**

6 The Intermediate Design Submittal will include plans, elevations, typical sections, and general
7 notes.

8 **4.3.2 Drainage Structure Plans**

9 The Intermediate Design Submittal will include plans, elevations, typical sections, and general
10 notes for miscellaneous drainage structures. These miscellaneous structures may include inflow
11 inlet structures for water quality basins, outflow structures for water quality basins, detention pond
12 outlet structures, and detention pond inlet structures.

13 **4.3.3 Miscellaneous Structure Plans**

14 Miscellaneous structures will include sign and light foundations not included in NDOT standard
15 designs. The Intermediate Design Submittal will include plans, elevations, typical sections, and
16 general notes.

- 17 • South of 2nd St. Interchange (105 feet long)
- 18 • North of 2nd St. Interchange (120 feet long)

19 **4.4 Drainage**

20 **4.4.1 Drainage Design Report**

21 The SERVICE PROVIDER will prepare an Intermediate Drainage Design Report. The report will
22 be prepared in accordance with standards and criteria as outlined in the Department's Drainage
23 Manual, Truckee Meadows Regional Drainage Manual, City of Reno Public Works Design
24 Manual, and other relevant Project Standards.

25 The Intermediate Drainage Design Report will include the following project specific items:

- 26 • Description of drainage design criteria and standards for project, which may vary from the
27 Technical Provisions.
- 28 • Onsite hydrology using the rational method to determine storm runoff flow rates used for
29 design of onsite facilities. Offsite hydrology will be referenced from the *Final Offsite Hydrology*
30 *Report* and *Final Drainage Design Report* prepared for the Spaghetti Bowl Project Draft EIS
31 and as provided in the RIDs.
- 32 • Hydraulic analysis of both onsite and offsite existing drainage infrastructure to verify that
33 existing facilities to remain will meet the DEPARTMENT'S criteria. Existing drainage facilities
34 analyzed will include storm drain systems, inlets, pipe culverts, roadside ditches, open
35 channels, box culverts, water quality features, erosion control systems, outlet protection
36 structures, and energy dissipation structures.

- Conceptual hydraulic design calculations for proposed onsite and offsite drainage facilities including but not limited to storm drain systems, inlets, pipe culverts, roadside ditches, open channels, box culverts, detention basins, water quality features, erosion control systems, outlet protection structures, and energy dissipation structures
- Intermediate 100-year design storm analysis for the proposed Mill Detention Basin including updated stage/storage/discharge calculations and HEC-HMS model
- Intermediate hydraulic analysis of the I-580/Truckee Bridge structure to include a HEC-RAS1D/2Dhydraulic model of Truckee River consistent with the TRFMA Truckee River Model, bridge scour calculations, and conceptual design of scour and erosion protection measures.
- Intermediate Cost Estimate of proposed drainage facilities and water quality features.

4.4.2 Drainage Plans

The SERVICE PROVIDER will prepare Intermediate Drainage Plans to be submitted as part of the Intermediate Design Submittal that incorporate all updates to address comments by the DEPARTMENT and other agencies on the Preliminary Drainage Plan review. The Intermediate Drainage Plans will advance the design to an intermediate level in accordance with the Department's Drainage Manual and Road Design Guide.

The Intermediate Drainage Plans will include the following:

- Drainage Plans with full annotation and construction notes
- Drainage Profiles with full annotation including hydraulic grade lines (HGL) and design flows
- Drainage Details with full dimensioning
- Drainage Structure List

4.5 Traffic

4.5.1 Signals

The SERVICE PROVIDER will prepare signalization plans for new or modified intersections for 2nd Street/I-580 Southbound ramp terminals and the Mill Street /I-580 Southbound exit ramp terminal only... New, modified and/or temporary service point locations will be coordinated with the appropriate agencies for approval and the necessary details included as part of the signalization plans. The Intermediate Design Submittal will include signal location layouts, pole schedule, service points, signal phasing, interconnection plans, and conductor schedules.

The following items are excluded from this Scope of Services:

- Any design or plans related to the 2nd and Glendale Signal at NB I-580.
- Any design or plans related to the Mill Street Signal at NB I-580.

4.5.2 Intelligent Transportation Systems

The SERVICE PROVIDER will prepare plans for intelligent transportation systems (ITS) infrastructure and equipment as describe in the Technical Provisions. The ITS design will maintain existing ITS capabilities with updated equipment and any new infrastructure needed to support the devices within the new roadway alignments.

4.5.3 Lighting

The SERVICE PROVIDER will prepare lighting plans for the mainline, ramps and crossroads within the project limits. The lighting design will be based on AASHTO or applicable local standards. Lighting facilities will include the following:

- Ramp Lighting
- Arterial Street Lighting - The lighting will conform with the controlling local jurisdiction
- Sign Lighting
- Under-deck Lighting
- Electrical service point locations and specifications/load requirements.

Pole and equipment types will conform to the controlling jurisdiction's standards. Pole and equipment details will be obtained from the controlling jurisdiction. New or modified service point locations will be coordinated with the appropriate agencies for approval and the necessary details included as part of the lighting plans. The Intermediate Design Submittal will include pole types and locations with completed computerized photometric lighting analysis according to NDOT Design Memo #314 A.

The following items are excluded from this Scope of Services:

- Planning, analysis, evaluations, or design of high mast lighting.
- Analysis, design or preparation of temporary lighting plans.
- Any planning or design of lighting for I-580 northbound including ramps.
- Any planning or design of lighting for I-80 beyond the improvements planned for the I-80 EB to I-580 SB limits.
- Any planning or design of lighting for Vassar Street, Mill Street, or 2nd and Glendale east of I-580.

4.5.4 Signing

Existing Sign Removals: The Service Provider's will include defining the existing sign removals. Removals will be shown on the sign removal plan. A Sign Summary (Removals) sheet will be prepared.

Regulatory and Warning Signage: The Service Provider will layout the regulatory and warning signage for the Project based on NDOT and MUTCD guidance. All signing will be sized based on typical NDOT/MUTCD standards. No special sign sizing or detailing will be required.

Special Signage: The Service Provider will design a maximum of eight (8) special sign details as part of the Project.

Guide Signage: The Service Provider will design guide signing at the locations listed in the table below. Special sign detail plans will be prepared for these signs. Sign structure details will be prepared including one cross section (elevation view) at each of these locations. Overhead sign structures will be per NDOT standard plans.

Location	Description
SB I-580 (Station 452+00)	Design one new overhead guide sign plaque. New overhead sign bridge structure.
SB I-580 (Station 486+00)	Design three new overhead guide sign plaque. New overhead sign bridge structure.
SB I-580 (Station 498+50)	Design one new overhead guide sign plaque. New overhead sign cantilever structure.
SB I-580 (Station 509+00)	Design three new overhead guide sign plaque. New overhead sign bridge structure.
SB I-580 (Station 525+00)	Design one guide sign plaque. New ground mount sign structure.
PH1 80ES580 (Station 275+00)	Design two new overhead guide sign plaque. New overhead sign bridge structure.
Eastbound I-80; Between Sutro grade separation and EB I-80 to SB I-580 system Ramp.	Design replacement plaques only no structure replacement.
Eastbound I-80; Between Wells Ave Interchange and Sutro Grade Separation.	Design replacement plaques only no structure replacement.

The following items are excluded from this Scope of Services:

- Any planning or design of signing for I-580 northbound including guide, regularity, warning or advisory signing.
- Any planning or design of signing for I-80 not listed above including guide, regularity, warning or advisory signing.
- Any planning or design of signing for Vassar Street, Mill Street, or 2nd and Glendale east of I-580.

4.5.5 Striping

The Intermediate Design will include the development of pavement markings configuration and design for permanent striping of I-580 Southbound lanes, Mill Street Interchange (west of I-580), 2nd and Glendale (west of I-580), and the I-80 eastbound to I-580 Southbound system ramp configuration. Permanent striping will be designed for 2nd Street and Mill Street to the limits of the pavement milling and overlay. The Intermediate Design Submittal will include new striping, stationing, type of striping and raised pavement markers, pavement marking symbols and traffic delineators.

Removal of existing striping and pavement markings will be limited to areas where the new SBX configuration ties into the existing lanes. All other areas it is assumed the pavement will be totally reconstructed or milled and overlaid and removal of marking symbols or traffic delineators will not be necessary.

The following items are excluded from this Scope of Services:

- Any planning or design of striping or pavement markings for I-580 northbound including ramps.
- Any planning or design of striping or pavement markings for I-80 beyond the limits of the I-80 EB to I-580 SB system ramp.
- Any planning or design of striping and pavement markings for Vassar Street, Kietzke Lane, and 4th Street.

4.5.6 ~~Moved to 4.2.2 Concept Traffic Control/Staging~~

4.5.7 ~~Task Excluded Maintenance of Traffic Analysis~~

4.6 Landscape and Aesthetics

4.6.1 General

The SERVICE PROVIDER will work with the DEPARTMENT's Landscape Architecture Staff to develop Landscape and Aesthetic features to an intermediate level necessary to upgrade the study area. The conceptual design must comply with "the Pattern and Palette of Place" Landscape and Aesthetics (L&A) Master Plan, and the I-80 and US 395 Landscape and Aesthetics Corridor. The landscape and aesthetic design will be in accordance with the previously developed plan. The Intermediate Design Submittal will include a draft of all construction drawings.

The SERVICE PROVIDER will prepare Intermediate (60%) landscape and aesthetics plans. The SERVICE PROVIDER will develop aesthetic treatments for earthwork, ground plane, planting, retaining/headwall enhancements, bridges, and free-standing aesthetic elements as identified in the Technical Provisions for the Spaghetti Bowl Xpress.

4.6.2 Landscape Ground Plane

The SERVICE PROVIDER will prepare plan sheets, to an intermediate level of detail, that indicate the ground plane design and related L&A items. The Intermediate Design Submittal for the ground plane will include the following:

- Layout Plans for Decorative Rock and Free-standing Aesthetic Structures
- Aesthetic Grading Plans
- Planting Plans
- Irrigation Plans
- Tree Removal and Protection Plans

4.6.3 Structural Aesthetic Design

The SERVICE PROVIDER will prepare plan sheets, to an Intermediate level of detail that indicate the proposed structural aesthetic treatments. The SERVICE PROVIDER will perform the structural design and calculations associated with the free standing aesthetic structures including the preparation of the necessary plans, details, and notes to specifications. The Intermediate Design Submittal for the structural aesthetic design will include the following:

- 1 • Bridges and Bridge Rails
- 2 • Abutment Walls
- 3 • Wing Walls
- 4 • Retaining Walls
- 5 • Soundwalls
- 6 • Visual Screen Walls
- 7 • Free-standing Aesthetic Structures

8 **4.6.4 Electrical Design**

9 The SERVICE PROVIDER will perform the electrical design and calculations associated with
10 aesthetic architectural lighting work including the preparation of the necessary plans, details, and
11 notes to specifications.

12 **4.7 Utilities**

13 **4.7.1 Potholing**

14 The SERVICE PROVIDER will contract with a DEPARTMENT approved Subsurface Utility
15 Engineering consultant to physically locate known subsurface utilities within the project limits .
16 Horizontal and vertical utility locations will be determined by potholing at proposed relocation tie-
17 in points, crossing points of proposed facilities with existing utilities, and locations where
18 excavations for proposed facilities are likely to be in close proximity to existing utilities.
19 Approximately 20 potholes have been assumed for including in the Scope of Services.

20 The Intermediate Design Submittal will include existing utilities, utility adjustments,, and location
21 of proposed electrical service points and load requirements. The Scope of Services assumes
22 existing utilities will be protected in place and no relocations of utility lines (water, sanitary sewer)
23 are required and private utilities will be designed by the utility owner.

24 **4.7.2 Coordination**

25 The SERVICE PROVIDER will establish contact with the utility companies to obtain and update
26 all applicable location mapping. The SERVICE PROVIDER will distribute copies of the Geometric
27 Design Plan, Intermediate and Final roadway plans, and profiles to the effected utility companies.
28 These drawings will include the relationship between the roadway and utility horizontal and
29 vertical alignments based on potholes as required. The SERVICE PROVIDER will prepare a
30 schedule for tracking all utility conflicts, status, and resolution. A system for tracking the transmittal
31 of all information to utility companies will be established with copies provided to NDOT Right-of-
32 Way Utilities.

33 The SERVICE PROVIDER will coordinate the planning for relocation of utilities to accommodate
34 the project with the affected utility owners and DEPARTMENT Right-of-Way personnel. The
35 DEPARTMENT will determine who will bear the cost of relocation by the examination of
36 easements, permits, and/or other evidence of the utility's rights to occupy the area of conflict. The
37 DEPARTMENT will notify utility providers to relocate their lines at their own expense, or will obtain
38 any necessary cost estimates and prepare any necessary agreements to cover the utility
39 relocation work when it is to be at the DEPARTMENT's expense. The SERVICE PROVIDER will
40 review utility relocation plans submitted to them by the NDOT District II Right-of-Way office and
41 will provide written concurrence on the location of proposed utility relocations.

1 The SERVICE PROVIDER will conduct and attend utility meetings necessary for complete utility
2 coordination. These include general utility meetings and the broad range of meetings necessary
3 for conflict mitigation on the project.

4 **4.8 Geotechnical**

5 The SERVICE PROVIDER will conduct a design geotechnical study to evaluate subsurface soil
6 conditions at the bridge sites, retaining walls, sound walls, and visual screening walls associated
7 with the project, and to provide design and construction recommendations for the structures,
8 roadways and other appurtenances associated with the project. All work will be performed in
9 accordance with (AASHTO) LRFD and the DEPARTMENT's guidelines.

10 The SERVICE PROVIDER will prepare a corridor-wide draft geotechnical design report including
11 descriptions of the field work, discussion of findings, conclusions and recommendations for the
12 design and construction of the project. Recommendations will be provided regarding foundation
13 design, retaining wall design, all miscellaneous structures, excavatability of the subsurface
14 materials, external stability of retaining walls, temporary construction slopes, backfills, lateral
15 earth pressures, corrosion, and earthwork. SERVICE PROVIDER may provide a separate UPRR
16 design document that satisfies submittal requirements to expedite review by the UPRR.
17 Additionally, the SERVICE PROVIDER will include the following coordination items:

- 18 • Coordinate with structure design to ensure cost effective foundation type is selected
- 19 • Coordinate with other disciplines to provide geotechnical input for the design elements

20 This will include attending design coordination meetings, provide exhibits, and provide
21 geotechnical recommendations for various design elements. The geotechnical task manager will
22 review progress against schedule, monitor the task budget and report monthly progress.

23 **4.8.1 Geotechnical Deliverables:**

- 24 • Draft SBX Corridor-Wide Geotechnical Design Report
- 25 • UPRR Design Document (if applicable)

26 **4.9 Stormwater Quality**

27 The SERVICE PROVIDER will prepare the permanent (post-construction) BMPs as specified in
28 the Technical Provisions.

29 **4.9.1 Post-Construction BMP Report**

30 The SERVICE PROVIDER will submit the Post-Construction BMP Report as part of the
31 Intermediate Design Submittal. The SERVICE PROVIDER will submit this report concurrently with
32 the Intermediate Drainage Design Report or as a separate appendix to the Intermediate Drainage
33 Design Report.

34 **4.9.2 Plans for permanent (post-construction) BMPs**

35 The SERVICE PROVIDER will prepare the permanent (post-construction) BMPs Plans as part of
36 the Intermediate Design Submittal.

4.9.3 Task Excluded - ~~Temporary Stormwater BMPs~~

4.10 South Truckee River Multi Use Path

The multi use path will be include as part of the construction of the PROJECT. The SERVICE PROVIDER will advance the design provided by the RTC, to an Intermediate level of completeness and prepare the associated plans, details, estimated quantities, and notes to specifications.

- Pathway Typical Sections
- Pathway Design – Line and Grade
- Special Details
- Drainage
- Retaining Walls
- Truckee River Bank Stabilization
- Lighting
- Signing

4.11 Bid Items, Quantities, and Estimates

- Bid Item Lists: The SERVICE PROVIDER will prepare a NDOT Bid Item list and submit it to the DEPARTMENT a minimum of one week prior to the Intermediate Submittal.
- Quantity Tabulations: The SERVICE PROVIDER will calculate and estimate quantities and provide these tabulations in accordance with the DEPARTMENT's standards.
- Engineers Estimate: The DEPARTMENT will develop an estimation of costs for the PROJECT utilizing the DEPARTMENT's bid history in accordance with the DEPARTMENTS iPD format. The DEPARTMENT will enter the data into its iPD system and verify unit costs.

4.12 Notes to Specifications

The SERVICE PROVIDER will prepare notes for the Special Provisions for items, details, and procedures not adequately covered by the DEPARTMENT's Standard Specifications. The DEPARTMENT will prepare all draft and final Special Provisions for the project.

Section 108.04 Limitation of Operations. The SERVICE PROVIDER will identify the critical elements of construction including, but not limited to, construction limits, limitations on work hours, potential night construction, and requirements for coordination with affected local agencies (police, fire, etc.).

Section 624 Accommodations for Public Traffic. The SERVICE PROVIDER will identify access requirements, traffic lanes open, scheduling of work time, utility trench close-ups, etc.

Special Write-ups/Bid Items. The SERVICE PROVIDER will prepare notes for the Special Provisions for items, details, and procedures not adequately covered by the NDOT Standard Specifications, and will identify any incentives and liquidated damages, State-furnished materials, critical materials requiring pre-bid purchase, etc.

4.13 Task Excluded Constructability Review And Construction Schedule

4.13.1 Task Excluded Constructability Review

4.13.2 Task Excluded Construction Schedule Intermediate Design

4.14 Intermediate Design Deliverables and Comment Resolution

The SERVICE PROVIDER will provide a comment matrix to the DEPARTMENT for it to record and transmit its comments. The SERVICE PROVIDER will provide its proposed resolution to the DEPARTMENT's comment in the matrix for the review meeting.

Item
Intermediate Plan Submittal
Intermediate Drainage Report
Draft Geotechnical Report
Notes to Specifications
Bid Item List, Quantity Calculations/Tabulations
Constructability Review Memorandum
Construction Schedule

4.15 Mill Street Intermediate Design Plans

The SERVICE PROVIDER will advance the Mill Street Future Corridor Expansion Preliminary Design as describe in the Section 1.8 of the Technical Provisions. The work includes developing three design alternatives for the future widening (i.e., widen north side vs. widen south side vs. widen from centerline). Following receipt of comments and resolution of comments from the RTC, the Intermediate Design will be prepared and submitted. This work includes the following discipline; refer to Section 1.8 of the Technical Provisions for the complete submittal requirements.

1. Roadway
2. Drainage
3. Signing/Striping
4. Traffic Signals
5. Lighting
6. ITS
7. TS&L Plans sheets for I-580 Bridge
8. Utilities

5 QUALITY ASSURANCE/QUALITY CONTROL “SPECIFICATIONS REVIEW”

5.1 Location/Survey

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal, and will advance the survey control plan sheets to 90% complete. Construction Survey/Stake Out is not included in this Scope of Work.

5.2 Roadway

5.2.1 Roadway Design Plans

Develop Final Design Plans. The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal prior to submitting QA/QC plans. The QA/QC Submittal will include the following:

- Title Sheet
- Location Sketch
- Typical Sections
- General Notes, Summaries and Estimate of Quantities
- Roadway Plan and Profile
- Geometric and Elevation Controls
- Location Control
- Special Details
- Site Preparation (Removals)
- Structure List
- Cross Sections*

* Cross sections at 50 feet intervals along each alignment, 25 feet along retaining walls and at sign bridges and cross culverts will not be part of the plans, but will be suitable for reproduction. Each cross section will show the plotted roadway template superimposed on the plotted natural terrain. Earthwork, base, and surface calculations will be provided with the cross sections.

5.2.2 Traffic Control/Staging

The traffic control for the PROJECT will be administered as a Lump Sum type of activity, in which the construction contractor will be responsible for the final planning, design and preparation of the traffic control plans for its construction activities. A similar approach as that used for the Centennial Bowl (Contract 3724) in NW Las Vegas will be utilized on the PROJECT.

The QA/QC Submittal will include concept traffic control reference documents with comments resolved as part of the Intermediate review and other traffic control meetings.

The concept traffic control plans will be roll plots (+/- 36x72 inches), with staging cross sections and profiles where applicable.

The SERVICE PROVIDER will updated as necessary the quantities for temporary signing, temporary pavement markings, temporary concrete barriers, and channelizing devices for alternate routes and required closures. Where realignments or detours are proposed the SERVICE PROVIDER will update the estimated quantities for temporary grading, drainage, paving and other temporary construction elements. construction staging and traffic control plans with summaries of signs and devices, detour plans, profiles, and details, and general notes.

5.3 Structural

5.3.1 Bridge Structure Plans

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal. The QA/QC Submittal will include the following when applicable:

- Plan, Elevation, and Typical Section
- General Notes
- Geometrics
- Drilled Shaft Foundation Details
- Abutment Plan and Elevation
- Abutment & Wingwall Details
- Pier Plan and Elevation
- Pier Column Details
- Framing Plans (where applicable)
- Girder Layouts (where applicable)
- End and Intermediate diaphragms
- Typical Sections
- Prestressing Details (where applicable)
- Concrete Type Diagram, and Concrete Classification
- Expansion Joints
- Approach Slab Details
- Barrier Rail Details
- Bearing Details
- Utility Details
- Slope Protection
- Pier Protection
- Bent Bar Details
- Bill of Materials
- Design Calculations
- QA/QC documents

5.3.2 Retaining Wall Structure Plans

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal. The QA/QC Submittal will include plan and elevations, typical sections, details, and general notes.

5.3.3 *Drainage Structure Plans*

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal. The submittal will include plans, elevations, typical sections, and general notes for miscellaneous drainage structures. These miscellaneous structures may include inflow inlet structures for water quality basins, outflow structures for water quality basins, detention pond outlet structures, and detention pond inlet structures.

5.3.4 *Miscellaneous Structure Plans*

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal. The QA/QC Submittal will include plan and elevations, typical sections, details, general notes, and QA/QC documents.

Two tubular overhead sign structures are assumed:

- South of 2nd St. Interchange (105 feet long)
- North of 2nd St. Interchange (120 feet long)

5.3.5 *Independent Design Checks*

The SERVICE PROVIDER will conduct independent design checks on the structures prescribed in the Technical Provisions.

5.3.6 *Bridge Load Ratings*

The SERVICE PROVIDER will Design-BUILDER will calculate and prepare load ratings in accordance with the Technical Provisions.

5.4 *Drainage*

5.4.1 *Drainage Design Report*

The SERVICE PROVIDER will prepare a Final Drainage Design Report to be submitted as part of the QA/QC Submittal. The Final Design Report will address and resolve all comments by the DEPARTMENT and other agencies from the Intermediate Design Report submittal review, and will advance the report to 100% completion in accordance with the Department's Drainage Manual.

The Final Drainage Design Report will include the following project specific items:

- Written response to all review comments from Intermediate Design Report submittal review by the Department and other agencies
- Final onsite and offsite hydrology
- Final hydraulic design calculations for proposed onsite and offsite drainage facilities
- Final hydraulic analysis of the I-580/Truckee River and Bridge structure including final design calculations for proposed improvements to mitigate bridge scour and erosion
- Final Cost Estimate of proposed drainage facilities and water quality features

5.4.2 Drainage Plans

The SERVICE PROVIDER will prepare Final Drainage Plans to be submitted as part of the QA/QC Submittal that incorporate all updates to address comments by the DEPARTMENT and other agencies on the Intermediate Drainage Plan review and will advance the design to 100% completion in accordance with the Departments Drainage Manual and Road Design Guide.

The Final Drainage Plans will include the following:

- Drainage Plans with full annotation and construction notes
- Drainage Profiles with full annotation including HGL and design flows
- Drainage Details with full dimensioning
- Drainage Structure List

5.5 Traffic

The QA/QC Submittal will include signal plans, interconnection plans, details, conduit/conductor and pole schedules, general notes, and structure list.

5.5.1 Signals

The QA/QC Submittal will include signal plans, interconnection plans, details, conduit/conductor and pole schedules, general notes, and structure list for 2nd Street/I-580 Southbound ramp terminals and the Mill Street /I-580 Southbound exit ramp terminal only..

5.5.2 Intelligent Transportation Systems

The QA/QC Submittal will include plans for intelligent transportation systems (ITS) infrastructure and equipment as describe in the Technical Provisions. The ITS design will maintain existing ITS capabilities with updated equipment and any new infrastructure needed to support the devices within the new roadway alignments.

5.5.3 Lighting

The QA/QC Submittal will include lighting plans, details, conduit/conductor and pole schedules, general notes, circuit diagrams, and structure list for the roadway lighting , under-deck, and sign lighting as described in Section 4.5.3 for Intermediate Design.

5.5.4 Signing

The QA/QC Submittal will include sign removals, sign locations, sign summary sheets, overhead sign structure design, guide sign details sheets, and sign post mounting details not included in the Standard Plans as described in Section 4.5.4 for Intermediate Design.

5.5.5 Striping

The QA/QC Submittal will include striping plans, details, and summary sheets.

5.5.6 Moved to 5.2.2 Traffic Control/Staging

5.6 Landscape and Aesthetics

5.6.1 General

The SERVICE PROVIDER will address and resolve all comments by the DEPARTMENT on the Intermediate Design Submittal Landscape and Aesthetics Plans, and will advance the design to 100% complete.

The CONSULTANT will prepare Final (100%) landscape and aesthetics plans. The SERVICE PROVIDER will develop aesthetic treatments for earthwork, ground plane, planting, retaining/headwall enhancements, bridges, and free-standing aesthetic elements as identified in the Technical Provisions for the Spaghetti Bowl Xpress.

5.6.2 Landscape Ground Plane

The SERVICE PROVIDER will prepare plan sheets, to a 100% level of detail. The QA/QC Submittal for the ground plane will include the following:

- Layout Plans for Decorative Rock and Free-standing Aesthetic Structures
- Aesthetic Grading Plans
- Planting Plans
- Irrigation Plans

5.6.3 Structural Aesthetic Design

The SERVICE PROVIDER will prepare plan sheets, to a 100% level of detail that indicate the proposed structural aesthetic treatments. The SERVICE PROVIDER will finalize the structural design and calculations associated with the free standing aesthetic structures and prepare the 100% level complete plans, details, and notes to specifications. The QA/QC Submittal for the structural aesthetic design will include the following:

- Bridges and Bridge Rails
- Abutment Walls
- Wing Walls
- Retaining Walls
- Soundwalls
- Visual Screen Walls
- Free-standing aesthetic structures

5.6.4 Electrical Design

The SERVICE PROVIDER will finalize the electrical design and calculations associated with aesthetic architectural lighting work and prepare the 100% level complete plans, details, and notes to specifications.

5.7 Utilities

5.7.1 Utilities

The SERVICE PROVIDER will address and resolve comments by the DEPARTMENT on the Intermediate Design Submittal. The Scope of Services assumes existing utilities will be protected in place and no relocations of utility lines (water, sanitary sewer) are required and private utilities will be designed by the utility owner.

5.8 Geotechnical

The SERVICE PROVIDER will advance geotechnical design and coordination items with other disciplines to provide geotechnical input for the final design of all elements. This work includes attending design coordination meetings, provide exhibits, and provide geotechnical recommendations for various design elements. The geotechnical task manager will review progress against schedule, monitor the task budget and report monthly progress.

The SERVICE PROVIDER will finalize foundation and geotechnical design report based on DEPARTMENT's comments. A final report will be submitted as a hard copy and PDF files.

5.8.1 Geotechnical Deliverables

- Final SBX Corridor-Wide Geotechnical Design Report

5.9 Stormwater Quality

The SERVICE PROVIDER will prepare the permanent (post-construction) BMPs as specified in the Technical Provisions.

5.9.1 Post-Construction BMP Report

The SERVICE PROVIDER will resolve the DEPARTMENT comments and resubmit the Post-Construction BMP Report as part of the Intermediate Design Submittal. The SERVICE PROVIDER will submit this report concurrently with the Final Drainage Design Report or as a separate appendix to the Final Drainage Design Report.

5.9.2 Plans for permanent (post-construction) BMPs

The SERVICE PROVIDER will resolve DEPARTMENT comments from the Intermediate Design Submittal and update the permanent (post-construction) BMPs Plans as part of the QA/QC Submittal.

5.9.3 Task Excluded - ~~Temporary Stormwater BMPs~~

5.10 South Truckee River Multi Use Path

The SERVICE PROVIDER will finalize the design and prepare 100% level plans, details, estimated quantities, and notes to specifications.

- Pathway Typical Sections
- Pathway Design – Line and Grade

- 1 • Special Details
- 2 • Drainage
- 3 • Retaining Walls
- 4 • Truckee River Bank Stabilization
- 5 • Lighting
- 6 • Signing Plan

7 **5.11 Bid Items, Quantities, and Estimates**

8 The SERVICE PROVIDER will address and resolve all comments by the DEPARTMENT on the
9 Intermediate Design Submittal, adjust the estimate for changes in the design resulting from the
10 Intermediate design review, and advance the estimate to 90% complete.

- 11 • Bid Item Lists: The SERVICE PROVIDER will prepare a NDOT Bid Item list and submit it to
12 the DEPARTMENT a minimum of one week prior to the QA/QC Submittal.
- 13 • Quantity Tabulations: The SERVICE PROVIDER will calculate and estimate quantities and
14 provide these tabulations in accordance with the DEPARTMENT's standards.
- 15 • Engineers Estimate: The DEPARTMENT will develop an estimation of costs for the PROJECT
16 utilizing the DEPARTMENT's bid history in accordance with the DEPARTMENTS iPD format
17 and verify unit costs. The DEPARTMENT will enter the data into its iPD system.

18 **5.12 Notes to Specifications**

19 The SERVICE PROVIDER will prepare notes for the Special Provisions for items, details, and
20 procedures not adequately covered by the DEPARTMENT's Standard Specifications. The
21 DEPARTMENT will prepare all draft and final Special Provisions for the project.

22 Section 108.04 Limitation of Operations. The SERVICE PROVIDER will identify the critical
23 elements of construction including, but not limited to, construction limits, limitations on work hours,
24 potential night construction, and requirements for coordination with affected local agencies
25 (police, fire, etc.).

26 Section 624 Accommodations for Public Traffic. The SERVICE PROVIDER will identify access
27 requirements, traffic lanes open, scheduling of work time, utility trench close-ups, etc.

28 Special Write-ups/Bid Items. The SERVICE PROVIDER will prepare notes for the Special
29 Provisions for items, details, and procedures not adequately covered by the NDOT Standard
30 Specifications, and will identify any incentives and liquidated damages, State-furnished materials,
31 critical materials requiring pre-bid purchase, etc.

5.13 Task Excluded ~~Bidability Review And Construction Schedule~~

5.13.1 Task Excluded ~~Construction Schedule QA/QC Review~~

5.13.2 Task Excluded ~~Bidability Review~~

5.14 QA/QC Submittals, and Comment Resolution

The SERVICE PROVIDER will provide a comment matrix to the DEPARTMENT for it to record and transmit its comments. The SERVICE PROVIDER will provide its proposed resolution to the DEPARTMENT's comment in the matrix for the review meeting.

Item
Final Drainage Report
Final Geotechnical Report
QA/QC Submittal (90% Submittal Checking) For "Specifications" review and checking
QA/QC Plans
Notes to Specifications

6 PS&E SUBMITTAL AND REVIEW` (100%)

6.1 PS&E Submittal

Following resolution of QA/QC comments and incorporation of such changes into the plans, specifications, and estimates, the SERVICE PROVIDER will compile the PS&E (100%) Submittal for a review by the DEPARTMENT. notes to specifications, and estimate for the QA/QC Submittal to "Specifications".

6.2 Resolution and Incorporating Comments

SERVICE PROVIDER will perform the work to make corrections and incorporate additional information as agreed to following the Specifications Review Meeting (PS&E Review) which will be included in the final project documents.

Item	Planned Time Lines
" <u>Specifications</u> " Review Meeting (PS&E Review)	See Section 2.1 for time lines.
Final Submittal	See Section 2.1 for time lines.
Cross Sections, Bridge Deck Contour Plans	Within 2 weeks following PS&E Submittal
Bridge Load Ratings	Within 2 weeks following PS&E Submittal
Structural Calculations	Within 2 weeks following PS&E Submittal
Structural Independent Design Check	Within 2 weeks following PS&E Submittal

7 RIGHT OF WAY – ACQUISITIONS

The SERVICE PROVIDER will continue its activities for completing the property acquisitions as set forth in the original scope of services work dates April, 2018” the following activities remain: described below:

HOOTEN	CEMEX
Billboard Acquisition	Fee and TE Acquisition from COR
PE Acquisition from COR	CEMEX Relocation
Signoff from Clear Channel	Resolve Parking Issue
Pay Compensation to UPRR and Lamar	Allocate FMV between CEMEX and COR
Dealing with UPRR	
	UPRR
SRS/ROOFLINE	Acquire PE >27' from COR
PE Acquisition from COR	Acquire PE <28' from UPRR
Business Temporary Relocation	Dispute re Property Ownership
	Title Issues
MALLARD	To Condemnation
Secure Release from Reno-Tahoe Airport	
To Condemnation	City of Reno Yard
	Calculate the PE and TE parcels
	Write legal descriptions
	Complete mapping
<u>Remaining project-wide activities</u>	
Complete legal description, parcel plats and remaining ROW Engineering	
Secure title report for the Railroad/UPRR mainline parcel	
Update any stale title reports	
Complete review and QAQC for title reports	
John Wright has started the appraisals for the “City owned properties, including the UPRR	
Wright also has the appraisal assignment for the airport Avigation Easement over the Mallard property	
Hodges and Lacey have completed the FF&E Report for Cemex and it is into NDOT appraisal for review	
Donna Desmond is finalizing the BB appraisal scope.	
Appropriate documentation and plans should be prepared for delivery to the UPRR for review and approval per updated scope of work.	
Schedule periodic Right of way team meeting	
Finalize Permanent easement language for UPRR and other City owned parcels	

The SERVICE PROVIDER will continue its activities following the requirements as described in the original agreement listed below.

- Abide by all applicable laws, regulations, codes, and polices related to right-of-way services, including but not limited to 42 USC § 4601, et seq. and implemented through 49 CFR Part 24

(Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970), 23 CFR parts 645, 646 and 710, NAC and NRS, the Nevada Department of Transportation Right-of-Way Manual as applicable.

- Ensure continuity of personnel assigned and provide complete information transfer from any reassigned personnel.
- Assign personnel that have sufficient working knowledge of applicable CFR, NAC, NRS and industry standard practice related to right-of-way services.
- Support DEPARTMENT Right-of-Way Division staff by providing right-of-way survey services, land surveying, title research, appraisal, appraisal review, acquisition support, and other services as may be required to support the DEPARTMENT's Right-of-Way Division needs on an as-needed basis.
- Demonstrate a working knowledge of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 sufficient to effectively augment the DEPARTMENT's real property acquisition, relocation and real property management efforts.
- Maintain individual diaries for all work performed on each project and/or task assigned.
- Maintain and provide a professional and positive working relationship with internal and external customers.
- Provide reports of right-of-way survey services, appraisal, appraisal review, acquisition, and condemnation coordination including schedule and budget data as applicable.
- Conduct Meetings/Workshops as Required for Discussion of Right-of-Way Processes and Issues for the following:
 - Appraisal
 - Appraisal Review
 - Fee acquisitions
 - Permanent easements
 - Temporary easements
 - Tenant-owned improvements
 - Permissions to construct
 - Control of access
 - Service point requirements
 - R/W Setting
- Coordinate Right-of-Way Setting Meetings and assist the design team by providing input and recommendations on right-of-way needs (i.e. location, limits, duration and purpose), and the types of rights to be acquired. The type and purpose of the rights to be acquired may include fee title, permanent easement, temporary/construction easement, replacement utility easements, permissions to construct and control of access. In addition, the Consultant right-of-way staff will assist with any right-of-way issues including but not limited to locked gates, service point locations and analyses of alternatives to avoid right-of-way (i.e. purchasing real property versus building retaining walls).
- Right-of-way meetings will include: A right-of-way needs assessment meeting; a pre-right-of-way setting, a final right-of-way setting and amended right-of-way setting meeting, as required. It is assumed that all of these meetings will be held at DEPARTMENT Headquarters in Carson City. The DEPARTMENT will determine appropriate attendance by DEPARTMENT and FHWA staff.

- Respond to property owners and to general public inquiries regarding right-of-way acquisition and relocation procedures under the Uniform and the DEPARTMENT's Right-of-Way Manual.

Survey Services

General Tasks

- Follow the regulations set forth in the Nevada Revised Statutes (NRS), Nevada Administrative Code (NAC), United States Code (USC) and the Code of Federal Regulations (CFR).
- Strive for accuracy, visual clarity and sound land surveying practices while producing the mapping, legal descriptions, calculations and title research so they may be accepted in any court as professional work, if the situation arises.
- Meet with RWSS Manager II, PLS, prior to beginning survey services activities to review standards and procedures, and to determine the approach to services/tasks.
- Produce and/or maintain the mapping and documentation to show all right-of-way under the jurisdiction of the DEPARTMENT. Right-of-Way is held in various forms such as prescriptive right, permanent easement, license, lease, agreement, deed, fee, Federal Grant and/or Special Use Permit.
- Create and maintain project binders in both hard copy and digital format for assigned projects, in accordance with the *Project Binder Template*, to be provided to the successful Proposer.
- Maintain a project diary for each assigned project, including details of decisions as they are made, dates of task milestones, completions and submittals.
- Attend project meetings as coordinated by DEPARTMENT Project Management.
- Coordinate meetings, as needed, for project team and/or RWSS involvement.
- Use field surveys and public records to determine the location of property boundaries, encumbrances and easements of record for the affected ownerships within project limits.
- Use milepost-based numbering for the naming of DEPARTMENT parcels, utilizing route-type abbreviation, county abbreviation, route name, and milepost location (e.g. U-395-WA-012.345).
- Use appropriate parcel name suffixes for non-fee and surplus parcels, such as "PE" for permanent easements, "TE" for temporary easements, "LE" for-lease parcels, and "LI" for license parcels.
- Review and/or compile current R/W mapping and documents, contract plans, surplus property records, and public records.
- Attend and participate in project R/W setting meetings.
- Create parcel calculations and submit preliminary areas for acquisition parcels to DEPARTMENT Appraisal Section upon completion of R/W settings, consisting of a listing of assessor parcel numbers (APN's), assessor maps, and approximate parcel acquisition areas.
- Assemble packages for RWSS 3-way review. These packages will consist of checked real world parcel calculations with PLSS section tie and point of beginning, 10k calculations, legal descriptions, and R/W Plans with Property Schedule, or related mapping.
- Provide all task and project-related files to RWSS, in digital format, upon completion of services being provided, including: dgn, alg., .pdf, Excel and Word files.

- Provide all task and project-related files to RWSS, in hard-copy format, upon completion of services being provided. These include wet-stamped originals and all documents with original signatures or initials.

Survey

- Coordinate survey activities with DEPARTMENT Location Division. Obtain the most recent survey data for the project, including from adjacent projects. Ensure project coordinates are compatible and in accordance with the latest edition of the *NDOT Special Instructions for Location Consultants*.
- Prepare and submit requests for survey, upon RWSS Manager II, PLS review and approval, to the DEPARTMENT Location Division.
- Coordinate with the Location Division to schedule work.
- Include RWSS Management in the correspondence trail for all project and task related services.
- Gather all available information from the public record, the DEPARTMENT's Location Division, and any other pertinent sources.

Title

- Preliminary stages - capacity project: research and summarize the number of parcels potentially affected by the corridor alignment or alignments. The summary of County assessor land ownership names and addresses are forwarded to the Hearings Officer for use in coordinating public hearings.
- After the R/W is set, determine which parcels need preliminary title reports for projects involving the acquisition of property rights.
- A preliminary title report is valid only if it is less than six (6) months old from the date of issue, with the exception of the Las Vegas area.
- Preliminary title reports older than these dates will require title updates or requests for new preliminary title reports, if there is a substantial change in ownership, encumbrances, or both.
- Prepare chain of title research, if necessary, including online database searches of county assessor and recorder websites, and site visits to research grantee/grantor indexes.
- Save digital copies of all research, documents, maps, etc.

Calculations

- Use the versions of MicroStation and InRoads currently used by the DEPARTMENT, using English units for all calculation reports.
- Use industry standards, the 'draft' *Calculations Standards* as detailed in *Appendix A* of the folder titled Handbook, (to be provided to the successful Proposer), and the *2009 BLM Manual of Surveying Instructions* as the basis for the creation of and format for all calculation reports.
- Cite sources of information used, methodology and rationale on all calculation reports.
- Check and initial or stamp all calculations reports to acknowledge review and acceptance.
- Prepare a map to accompany all calculation reports showing the calculated points as they relate to the subject parcels/linework.

- 1 • Complete section net and land boundary calculations will be produced to create a reliable
- 2 PLSS-based grid to adequately describe and map property boundaries.
- 3 • Use DEPARTMENT-generated centerlines, as provided by the DEPARTMENT Design or
- 4 Location divisions.
- 5 • Use a common header at the top of all calculation reports, describing the type of calculations,
- 6 i.e. Section Net, Centerline, Previously Acquired R/W, Preliminary Total Property, Real World
- 7 Total, Preliminary Acquisition, Real World Acquisition with Tie and Point of Beginning (POB),
- 8 and 10k Acquisition with closure.
- 9 • Use bold text for all newly created points and descriptions in Preliminary Calculation Reports.
- 10 • Use two (2) decimal places for linear distances, as well as acreage and square footage in all
- 11 calculation reports.
- 12 • Prepare previously acquired R/W calculations.
- 13 • Prepare preliminary parcel calculations. Preliminary calculation reports will have a preamble,
- 14 when necessary, at the beginning or along the side of the report to describe what, why and
- 15 how regarding the calculations.
- 16 • Prepare real world calculations with parcel ties.
- 17 • Prepare 10k calculations of real world calculations with closure.
- 18 • Prepare 10k calculations of the Legal Description.
- 19 • Create clearance calculations as evidence for R/W breaks.
- 20 • Calculate parcel alignments in a clockwise direction.

21 **Mapping**

- 22 • Produce CADD-generated R/W Plans for DEPARTMENT acquisition projects, and Sketch
- 23 Maps for disposal, lease, or license of DEPARTMENT parcels.
- 24 • Prepare CADD-generated R/W mapping utilizing the current version of MicroStation being
- 25 used by DEPARTMENT.
- 26 • Use the "Nevada DOT" tools created and maintained by the DEPARTMENT's CADD Support
- 27 Division.
- 28 • Base the line work for relevant boundaries off calculations using the version of InRoads
- 29 currently in use by the DEPARTMENT.
- 30 • R/W Plans are to be of a suitable scale, CADD-generated and sized to print on 11" x 17"
- 31 paper.
- 32 • Sketch Maps are to be of a suitable scale, CADD-generated and sized to print on 8 1/2" x 11"
- 33 paper with a 1" margin on all sides.
- 34 • Submit 30%, 60%, and 90% R/W Plans digitally to RWSS for review as they become available.
- 35 • Submit one (1) complete PLS stamped hard copy and digital set of final R/W Plans to RWSS
- 36 (including Property Schedule), along with final CADD MicroStation mapping files (dgn.
- 37 format), the InRoads-based calculation reports with accompanying maps depicting points.
- 38 • Coordinate map identification numbers with the RWSS Business Process Analyst for retention
- 39 in the DEPARTMENT's IRWIN database. These numbers will be placed on each generated
- 40 map.

- Adhere to the standards/formats for all R/W Plans as they pertain to the Cover Sheet, Legend Sheet (Symbolology Sheet), Layout Sheet, Interior Sheets, and Property Schedule.

Legal Descriptions

- Compose legal descriptions used in the preparation of legal documents for such purposes as appraisal, acquisition or condemnation of property, leasing, licensing, sale, relinquishment or abandonment of property held by the DEPARTMENT in the name of the State of Nevada.
- Write the legal description in accordance with DEPARTMENT and industry standards so that the property may be located on the ground by any competent surveyor and is capable of withstanding a test in a court of law.
- A description of land shall have a base of location by reference to: lines of the Public Land Survey System, recorded subdivision, adjoining lands of record, physical monuments, or any point or line which can be identified with relation to other records.
- Create legal descriptions using Microsoft Word in digital format, scans of signed off/PLS stamped legal descriptions in Adobe pdf format.
- Complete a legal description of each parcel for inclusion as an attachment (Exhibit "A") to a recordable grant or deed acceptable to the DEPARTMENT.
- Prepare legal descriptions adhering to RWSS standards and formatting as defined in the RWSS SharePoint site under *Legal Description Format*.

Reviews

- Perform internal reviews for cohesiveness and accuracy of the calculations, mapping and legal descriptions as produced, with evidence of the reviews shown with initials of the reviewers. The creator of a document shall not be its reviewer.
- Submit items in progress or completed to RWSS management for review.

Submittals

- Submit completed mapping and legal descriptions to DEPARTMENT R/W Acquisitions and Appraisal in accordance with the memos in the Initial Submission Memos folder.
- Submit final mapping to the RWSS Business Process Analyst for retention in DEPARTMENT's IRWIN database.

Federal Lands

- Coordinate applications and highway easement deeds for highway rights-of-way and material sites from the Bureau of Land Management (BLM) or the U.S. Forest Service (USFS) through the R/W and Civil Rights Program Manager of the Federal Highway Administration, Nevada Division. The mapping that will be prepared to support such an application will be to the R/W Plan standards.
- Certify, through R/W Management, the R/W which falls upon public lands once a Letter of Consent is issued by the BLM or USFS, and the R/W easement deeds are signed and recorded in the appropriate county recorder's office.
- Utilize the processes as described in the current Memorandum of Understanding and Operating Manual for transactions dealing with the BLM.

1 **Checklists**

- 2 • Use appropriate checklists as found in the RWSS SharePoint site. Checklists exist for tasks
3 including Surpluses, Resolutions, Lands Acquired Reports, Final Vouchers, R/W Verifications,
4 leases and licenses, etc. All necessary checklists will be provided to the successful Proposer.

5 **Appraisal**

6 The SERVICE PROVIDER will:

- 7 • For each parcel (acquisition/disposal) to be valued for the DEPARTMENT:
 - 8 – Provide the DEPARTMENT with an appraisal report prepared by a DEPARTMENT
9 approved appraiser.
 - 10 • Coordinate selection of qualified, Certified Appraisers who are licensed by the State of Nevada
11 and approved by the DEPARTMENT's Right-of-Way Division. DEPARTMENT approval is
12 required for each appraiser and each review appraiser the Service Provider plans to use for
13 this project.
 - 14 • Prepare the appraisal in conformance with Law (including the Uniform Relocation Assistance
15 and Real Property Acquisitions Policies Act of 1970, as amended), and in accordance with
16 professional appraisal methods and applicable DEPARTMENT standards as described in the
17 DEPARTMENT Right-of-Way Manual.
 - 18 • Establish personal pre-appraisal contact with each owner of record and each occupant lessee
19 or tenant. Contact shall be in person and in writing. The written contact may be but is not
20 limited to the mailing of an introductory letter. Offer each owner of record, party of interest and
21 any occupants, tenants and lessees; or their designated representatives, in writing, via
22 certified mail return receipt, the opportunity to accompany the appraiser on the appraiser's
23 inspection of the parcel. The appraiser shall maintain a record of all such contacts. Said report
24 shall be included with the appraisal in the acquisition file. If the appraiser is not able to contact
25 the owner by certified mail the appraiser shall use other reasonable and necessary methods
26 to contact that owner and document the methods used in that effort. If contact is not possible
27 or the owner(s) decline to accompany the appraiser for the property inspection, the appraiser
28 shall document these facts in his/her appraisal report.
 - 29 • Prepare an appraisal report (self-contained/comprehensive) for each parcel that:
 - 30 – Complies with and includes all matters required by this agreement and the DEPARTMENT
31 R/W related manuals; and other applicable guidelines.
 - 32 – Satisfies the requirements of the Uniform Standards of Professional Appraisal Practices
33 (USPAP) in effect at the time the appraisal is submitted.
 - 34 – Includes all pertinent special analyses, studies, or reports, including but not limited to a
35 Real and Personal Property Report.
 - 36 • For each parcel, provide the DEPARTMENT's R/W Division with copies of all written leases,
37 licenses, and other occupancy agreements to identify lessees, licensees, and other occupants
38 with potential compensable interests in each parcel to determine the value of each such
39 interest.

- 1 • Submit timely written notification to the DEPARTMENT of any concerns that could require
2 environmental remediation of or other special attention to R/W parcels and/or Additional
3 Properties.
- 4 • Update appraisals and appraisal reviews when required by the DEPARTMENT.
- 5 • When requested by the DEPARTMENT, provide copies of appraisal file documents as may
6 be needed to respond to discovery motions or requests for production.

7 **Pre-Appraisal Activities**

- 8 • Obtain pertinent portions of articles of incorporation or partnership information on property
9 owners from Secretary of State for current status and list of officers. Provide project Planning
10 Notices and General Information Notices to property owners/tenants. Contact and meet with
11 owners/tenants as necessary to obtain signed real property inventory lists and certification of
12 ownership forms. Work with owners and tenants to identify tenant-owned improvements on
13 applicable properties. Provide owner/tenant inventory list to the appraiser.
- 14 • Prepare a preliminary scope of work for each parcel.

15 **Appraisal Management**

- 16 • Analyze each acquisition parcel for project impacts, the larger parcel and partial vs. total take
17 concepts, and access to the remainders in the after condition. Prepare detailed appraiser
18 instructions including all DEPARTMENT requirements and any special instructions. Solicit
19 bids from no less than three (3) approved appraisers and reviewers. Prepare six (6) letters
20 with exhibits and preliminary parcel scopes. Mail letters to appraisers to obtain bids for
21 appraisals on all parcels. Follow up with appraisers as needed. Prepare appraisal and
22 appraisal review contracts after the bids are reviewed, the appraiser selections have been
23 made, and certificates of insurance coverage are obtained. Meet with appraisers to discuss
24 the project, appraisal issues and DEPARTMENT requirements, including inviting the Owner
25 to accompany appraiser. Establish personal pre-appraisal contact with each owner of record
26 and each occupant lessee or tenant. Contact shall be in person and in writing. The written
27 contact may be but is not limited to the mailing of an introductory letter. Document all contacts
28 using a form approved by the DEPARTMENT. Offer each owner of record, party of interest
29 and any occupants, tenants and lessees or their designated representatives, in writing, via
30 certified mail return receipt, the opportunity to accompany the appraiser on the appraiser's
31 inspection of the parcel. The appraiser shall maintain a record of all such contacts. Said report
32 shall be included with the appraisal in the acquisition file. If the appraiser is not able to contact
33 the owner by certified mail the appraisal shall use other reasonable and necessary methods
34 to contact that owner and document the methods used in that effort. If contact is not possible
35 or the owner(s) decline to accompany the appraiser for the property inspection, the appraiser
36 shall document these facts in his/her appraisal report.
- 37 • Appraisal reports shall include, where applicable: cost to cure damages (even if planned to
38 be cured under the contract by construction contract work), determination of retention values
39 for improvements, contributory value of tenant-owned improvements and economic rent for
40 properties that may be rented prior to clearance.
- 41 • Obtain appraisal reports and check for compliance with the appraisal contract ensuring that
42 reports meet requirements. Forward report to the review appraiser for formal reviews based
43 on DEPARTMENT format. Submit approved review appraiser's reports and values to the
44 DEPARTMENT for approval. Review invoices from the appraisers and submit for payment.

1 **Appraisal Review**

- 2 • Document all observed issues with the Appraiser's draft submittals and document Appraiser's
- 3 response to communicated issues.
- 4 • Perform Review Determinations, as necessary

5 **Real Property Acquisition**

6 The SERVICE PROVIDER will:

- 7 • Conduct all negotiations in accordance with the requirements of the DEPARTMENT Right-of-
- 8 Way Manual, Nevada Revised Statutes, The Code of Federal regulations and the Uniform
- 9 Relocations Assistance and Real Property Acquisitions Policies Act of 1970, as amended.
- 10 • Provide qualified and experienced agents to work on acquisitions and negotiations
- 11 • Identify lessees, licensees, occupants, or other parties with potential compensable interests
- 12 and if appropriate after consultation with the DEPARTMENT and negotiate with such parties
- 13 for the acquisition of their compensable interests. Provide timely response to the verbal or
- 14 written inquiries of any property owner, lessee, licensee, occupant or other holder of a
- 15 compensable interest, as applicable, not more than ten (10) working days after the inquiry.
- 16 • Prepare a working file for each acquisition parcel following the procedures listed in the
- 17 DEPARTMENT Right-of-Way Manual. Include a just compensation memorandum. Provide
- 18 the DEPARTMENT's Right-of-Way Division with direct access to a maintained and regularly
- 19 updated electronic file containing the Negotiator's Diary (Form 529) for each owner
- 20 documenting each owner contact with the date, time, location, persons present, and subjects
- 21 discussed during each contact.
- 22 • Verify negotiation data by reviewing and verifying right of way engineering data, title, appraisal
- 23 reports, deeds, legal descriptions, parcel maps and conducting field reviews. Identify all title
- 24 exceptions and subordinate rights to be cleared and obtain necessary documents to clear
- 25 these from title. Conduct field review of the acquisition.
- 26 • Make initial contact with owners by telephone to gather pertinent data, lease facts, and
- 27 information to complete an Ownership Occupancy form (Form 547).
- 28 • Prepare acquisition packages in accordance with DEPARTMENT policies and procedures to
- 29 include a Letter of Offer, Appraisal Summary Statement, Public Highway Agreement, Deed,
- 30 FHWA's ACQUISITION Brochure Publication No. FHWA-HEP-05-030 and Title VI
- 31 Questionnaire.
- 32 • Submit the acquisition packages to the DEPARTMENT's Right-of-Way Division for preliminary
- 33 review prior to contacting owners. Such packages shall be reviewed and returned to the
- 34 Service Provider with comment or direction for corrections within ten (10) working days. The
- 35 Service Provider shall make all recommended corrections and return the packages to the
- 36 DEPARTMENT's Right-of-Way Division for final preliminary review prior to contacting the
- 37 owners. This package shall include the Public Highway Agreement, Preliminary Title Report,
- 38 Deeds, Legal Description, Appraisal Summary Statement, Negotiator's Diary, Title VI
- 39 Questionnaire, R/W parcel maps, agent's business card, a copy of the Just Compensation
- 40 Memo and Mutual Release forms when applicable.
- 41 • Make every reasonable effort to meet with owners as soon as possible after receipt of
- 42 acquisition approval from DEPARTMENT. Meet with owners in person to present the

1 acquisition packages if possible. When owners reside outside the local area the initial offer
2 may be made my U.S. Mail. In such cases the agent shall follow up within three (3) business
3 days to ensure the owner understands the details of the project, its effect on the property, the
4 amount of the offer and the owner's rights under the Uniform Act. Such contacts shall be
5 clearly documented in the agent's parcel diary.

- 6 • Provide an appraisal copy to the owner upon request. When tenant-owned improvements
7 have been certified and released by owner and tenant, make offers to tenants for tenant-
8 owned improvements including Offer Letter, Appraisal Summary Statement, Public Highway
9 Agreement, Deed, and obtain and record a signed Mutual Release & Certification form.
- 10 • Explain the acquisition process by answering questions, addressing concerns and problem
11 solving through negotiations. Allow a reasonable amount of time (at least thirty (30) calendar
12 days) for the owner/tenant to consider the offer with multiple contacts being made to answer
13 questions, research issues and concerns, resolve differences and obtain DEPARTMENT
14 input.
- 15 • Open and coordinate the close of escrow with a title/escrow company for accepted offers.
16 Inform DEPARTMENT with memo and attachments. Promptly prepare and transmit closing
17 package to the DEPARTMENT Staff Specialist with a summary memo, request for payment
18 and all appropriate documents and forms as outlined in the DEPARTMENT Right-of-Way
19 Manual. Provide DEPARTMENT information for payment of escrow fees including an escrow
20 invoice and supporting documentation. Meet owner/tenant onsite for a walk-through, obtain
21 keys and take physical possession of property. Monitor closing of escrow to ensure timely
22 payment to owners.
- 23 • Advise the property owners and other holders of compensable interests or their
24 representatives of the administrative settlement process for rejected offers. In all dealings with
25 property owners and other holders of compensable interests, clearly represent and maintain
26 that the DEPARTMENT has the ultimate decision authority regarding any settlement requests.
27 Confer with and deliver to the project Right-of-Way Coordinator any settlement request from
28 property owners, lessees, licensees, occupants, or other holders of any compensable interest,
29 as applicable, including a detailed recommendation from the Service Provider. Assist with
30 counter-offers as required and present them to the DEPARTMENT for consideration. Assist
31 with the negotiation of administrative settlements and prepare settlement packages. Deliver
32 the administrative settlement request and the Service Provider's recommendation to the
33 DEPARTMENT within five (5) working days of receipt of the request. Remain open to all
34 reasonable settlement requests (that comply with the regulations as outlined herein) from
35 property owners that are feasible and help expedite the right-of-way acquisition process. Note
36 that the DEPARTMENT encourages all positive and creative solutions that both satisfy the
37 property owner and promote the success of the project.
- 38 • Prepare and deliver documents of conveyance to the property owner, lessee, licensee,
39 occupant, or other holder of any compensable interest, as applicable, and obtain their
40 execution of the same. Obtain notarization of all signatures on documents to be recorded in
41 accordance with Nevada Law. All owners of record need to sign the conveying document. If
42 new parties of interest are discovered during negotiations or vesting is other than was
43 indicated on the original documents, the acquisition file shall be revised to include all corrected
44 grantors and all appropriate forms, deeds and other documents will be revised accordingly.
45 Deliver the original recorded conveyance document or documents to the project Right-of-Way
46 Coordinator.
- 47 • Consult with DEPARTMENT's Assistant Chief or appointed designee if Attorneys assistance
48 is needed where agreements cannot be reached. Request the DEPARTMENT's Right-of-Way

1 Division to convene a Condemnation Review Board meeting and prepare condemnation
2 packages as required including Negotiator's Report (Form 561). Provide complete
3 condemnation packages to the DEPARTMENT's Right-of-Way Division no less than ten (10)
4 working days prior to the Condemnation Review Board meeting. Prepare for and attend the
5 Condemnation Review Board meeting to brief the DEPARTMENT on all conditions and
6 progress of the acquisition. Prepare the Letter Rescinding Offer upon receipt of proper notice
7 from the DEPARTMENT.

- 8 • Prepare and deliver the Project Certification memo and checklist no later than sixty (60)
9 calendar days prior to the project certification date.
- 10 • Review right-of-way activities for entire project and specify locations and time frames on any
11 concurrent work, construction contract work or any requirements to be included in the contract
12 Special Provisions. Address all acquisitions, relocations and demolition activities if applicable.
- 13 • Secure an Agreement for Construction Outside Right-of-Way for constructing drive way tie-
14 ins, or other features that benefit the property owner, but which are not required for the project.
15 A Right of Entry is only applicable and approved for use when these construction features can
16 be eliminated from the project if permission to enter and construct is not granted by the
17 property owner or his or her designated representative.
- 18 • Complete and record all deeds necessary to transfer real property interests in replacement
19 easements in accordance with DEPARTMENT guidelines. Review preliminary plans for all
20 project phases to ensure that the proposed replacement easements will not be impacted in
21 subsequent phases.

22 **Billboard Relocation**

- 23 • Deliver to Displacee Notices of Relocation Eligibility, Ninety (90) Day Notice, Relocation
24 Brochures and conduct an initial interview in which moving options are explained. Prepare
25 and obtain relocatee's signature on an Inventory of Personal Property. Offer support in
26 locating a replacement site and in obtaining required permits to relocate the billboard. Monitor
27 the billboard removal and conduct a final inspection of the vacated and replacement sites.
28 Prepare payment packages for the removal and re-construction of the billboard which shall
29 include all eligible associated expenses.

30 When possible, relocate a billboard to remainder sites or comparable replacement sites within the
31 City or County.

32 **8 CONTRACT ADMINISTRATION SUPPORT**

33 **8.1 Supplemental Notices**

34 The SERVICE PROVIDER will assist the DEPARTMENT in the preparation of any supplemental
35 notices required to clarify the work included in the contract documents. Supplemental notices may
36 be required based on the project inspection with the assigned NDOT Resident Construction
37 Engineer, questions developed in the pre-bid conference, and/or conditions discovered by bidders
38 during the bid period. The SERVICE PROVIDER will respond to the potential bidder's questions
39 related to the plans, details, and special provisions. An allowance of 30 requests by the
40 DEPARTMENT is the basis of this activity.

8.2 Pre-Bid Conference

The SERVICE PROVIDER and all subconsultants responsible for preparation of the plans will attend the Pre-bid conference and will present an appropriately-sized display showing the project layout, proposed traffic control, and construction phasing. The SERVICE PROVIDER and all subconsultants will, before the pre-bid conference, be prepared to walk the project with the assigned DEPARTMENT representatives and will attend a pre-bid walkthrough.

8.3 Task Excluded Bid Analysis

8.4 Pre-Construction Conference

The SERVICE PROVIDER and all subconsultants responsible for preparation of the plans will attend the pre-construction conference. The SERVICE PROVIDER will respond to the contractor's questions related to the plans, details, and special provisions.

9 PHASE 1A – RSIC NEIGHBORHOOD WALL AND UTILITY RELOCATION

Phase 1A is anticipated to be advertised in early 2020, with construction beginning in the Spring of 2020. Based on the limited time, the design process will be abbreviated. The Intermediate Design Submittal will be prepared and then the QA/QC Submittal. No Final Design submittal or reviews will be conducted. The timeline for the QA/QC Process will be 3 weeks between the QA/QC Submittal and the PS&E Meeting, and 2 weeks between the PS&E meeting and the Document Date (DOC).

NV Energy will design and prepare plans/notes/specification for all of its utility relocations including the civil work (trenches, conduits, vaults, etc.) and electrical power. The other utilities which require relocations or adjustments associated with the RSIC work, will also design and prepare plans/notes/specifications for all of its utility relocations. The SERVICE PROVIDER will coordinate with the utility owners and provide the design and information for the neighborhood wall necessary for the utility owners to perform its work.

Neighborhood wall will be a concrete masonry unit, as described in the Technical Provisions. Concrete post and panel units will not be designed.

9.1 Intermediate Design

The SERVICE PROVIDER will design the work associated with the construction of the neighborhood wall and utility relocations for the RSIC as describe in Section 18 and Section 24 of the Technical Provisions.

The Intermediate Design Submittal will include the following

- Title Sheet
- Location Sketch
- General Notes, Summaries and Estimate of Quantities
- Location Control

- Grading plan
 - Grading on the 17 acre parcel adjacent to the neighborhood wall to accommodate the utility relocations and neighborhood wall.
- Special Details
 - Neighborhood wall horizontal and vertical layouts.
 - Neighborhood wall typical sections and details.
 - Replacement of sidewalks and other appurtenances along 2nd and Glendale and Mill Street.
 - RSIC Property (Lot) site restoration.
- Site Preparation (Removals and Temporary Work)
 - Removals of various appurtenances on the RSIC properties to facilitate the construction of the utility relocations and neighborhood wall.
 - Temporary work to such as fences and connections to existing buildings to restrict access onto properties, where needed.
 - Removal of sidewalks and other appurtenances along 2nd and Glendale and Mill Street.
- Landscape details
 - The specifications for neighborhood wall aesthetics in the Technical Provisions will be included as part of the Special Provisions and no plan details will be provided.
 - Bid item list and approximated quantities for landscaping items.
- Work zone traffic control
 - Traffic Control Plans for work adjacent to Mill Street and 2nd and Glendale
- Utility Plans
 - The SERVICE PROVIDER will provide civil plans for each RSIC - lot illustrating and noting the existing site features, existing facilities, existing conditions, RSIC lot lines, and the work for the utility service connections to RSIC properties.
 - Utility Owners will prepare and provide its utility relocation plans.

The following items are excluded from this Scope of Services:

- Temporary Erosion Control Plans

9.2 Landscape and Aesthetics

The SERVICE PROVIDER will design the aesthetic features of the neighborhood walls as described in Section 5.3.5.4 of the Technical Provisions. These

The work to construct the neighborhood wall and utility relocations will damage existing vegetation on the RSIC property. The SERVICE PROVIDER will conduct a survey of the existing inventory of vegetation features and develop a bid item list of potential replacement items. The item list will be used as a basis for contractors to price this work.

9.3 Utility Connections

NV Energy will design its utility relocation including the runs between the main service line and service connectors to the properties (buildings). NV Energy's work will end at the building prior to connecting to the building. The SERVICE PROVIDER will prepare Notes to Specifications which

1 require the contractor to hire a licensed electrical contractor to perform all work including design
2 and construction to connect to the new NV Energy system.

3 **9.4 Field Review**

4 The SERVICE PROVIDER will perform a plan-in-hand field review of the Intermediate Design.
5 The purpose of the review is verify the design locations and to identify items which may need to
6 be included in the plans or special provisions.

7 **9.5 Location/Survey**

8 The SERVICE PROVIDER will perform additional field surveys of topographic conditions and
9 survey to stake the location of the neighborhood wall for the plan-in-hand field review.

10 The SERVICE PROVIDER will monument the property corners and file a record of Survey with
11 the County or the appropriate agency.

12 **9.6 RSIC Miscellaneous Lighting**

13 The SERVICE PROVIDER will perform the design and prepare plans for the miscellaneous
14 lighting listed below. Per , Scott H. Carey, RSIC-Planning Department, (Email July 24, 2019) The
15 housing department asked to keep this light for security purposes, after the underground power
16 line project they would like to have new light and pole installed.

- 17 • Light between 15.5 apartments and 17 reservation road.
- 18 • Light at 25 apartments for play area.
- 19 • Light for 34 reservation road parking lot.

20 **9.7 Bid Items, Quantities, and Estimates**

- 21 • Bid Item Lists: The SERVICE PROVIDER will prepare a NDOT Bid Item list and submit it to
22 the DEPARTMENT a minimum of one week prior to the Intermediate Submittal.
- 23 • Quantity Tabulations: The SERVICE PROVIDER will calculate and estimate quantities and
24 provides these tabulations in accordance with the DEPARTMENT's standards.
- 25 • Engineers Estimate: The SERVICE PROVIDER will develop an estimation of costs for the
26 PROJECT utilizing the DEPARTMENT's bid history in accordance with the DEPARTMENTS
27 iPD format. The DEPARTMENT will enter the data into its iPD system and verify unit costs.
- 28 • Production Based Cost Estimate: The SERVICE PROVIDER will prepare a production based
29 cost estimate by personnel that are not part of the design team. Contractor-style (production-
30 based) methodologies and production-based heavy civil estimating software platforms will be
31 required to complete the cost estimate.

32 **9.8 Notes to Specifications**

33 The specifications for construction of the neighborhood walls and utility relocations, including in
34 the Technical Provisions will be used as the Notes to Specifications. The SERVICE PROVIDER
35 will prepare notes for the Special Provisions for items, details, and procedures not adequately

covered by the DEPARTMENT's Standard Specifications. The DEPARTMENT will prepare all draft and final Special Provisions for the project.

9.9 Intermediate Design Review Meeting

After receipt of the DEPARTMENT's review comments on the Intermediate Design Submittal, SERVICE PROVIDER will lead a comment resolution meeting (3 hour) with the DEPARTMENT's review participants to present and resolve comments. The meeting will be attended by the SERVICE PROVIDER's Project Manager and 2 SERVICE PROVIDER staff.

The SERVICE PROVIDER will provide a comment matrix to the DEPARTMENT for it to record and transmit its comments. The SERVICE PROVIDER will provide its proposed resolution to the DEPARTMENT's comment in the matrix for the review meeting.

9.10 Quality Assurance/Quality Control Specification Review

1. Quality Assurance/Quality Control Submittal: Following resolution of comments and incorporation of such changes into the Intermediate Design submittal, the SERVICE PROVIDER will compile the plans, notes to specifications, and estimate for the QA/QC Submittal to "Specifications".

2. Resolution and Incorporating Comments: SERVICE PROVIDER will perform the work to make corrections and incorporate additional information as agreed to following the Specifications Review Meeting (PS&E Review) which will be included in the final project documents.

9.11 Contract Administration Support

1. Pre-Bid Conference: The SERVICE PROVIDER and all subconsultants responsible for preparation of the plans will attend the Pre-bid conference, if one is scheduled, and will present an appropriately-sized display showing the project layout, proposed traffic control, and construction phasing. The SERVICE PROVIDER will respond to the potential bidder's questions related to the plans, details, and special provisions. The SERVICE PROVIDER and all subconsultants will, before the pre-bid conference, be prepared to walk the project with the assigned DEPARTMENT representatives.

2. Bid Analysis: The SERVICE PROVIDER will review and analyze bid results and report the findings to the DEPARTMENT. The DEPARTMENT will prepare the Bid Justification Report.

3. Pre-Construction Conference: The SERVICE PROVIDER and all subconsultants responsible for preparation of the plans will attend the pre-construction conference. The SERVICE PROVIDER will respond to the contractor's questions related to the plans, details, and special provisions.

9.12 RSIC Outreach Activities

The SERVICE PROVIDER will assist in communicating with RSIC during the construction of the RSIC neighborhood wall and utility relocation construction. An allowance of 70 miscellaneous meetings with RSIC residences is established for this task.

9.13 Construction Support (Phase 1A)

The SERVICE PROVIDER will support the DEPARTMENT during construction by performing the following activities:

- Review of shop drawing.
- Input an proposed change orders.
- Coordination with utilities.
- Construction Control Survey and Construction Survey/Stake Out
- Cultural monitoring and reporting.:

The SERVICE PROVIDER will perform archeological monitoring during Phase 1A construction within 100 feet of the Truckee River, on RSIC lands, and anywhere else deemed appropriate or after a discovery is made. The monitoring will be for the trenching work associated with the underground utilities and the neighborhood wall foundation. The utility underground trenching work is estimated to require 2 months and the trenching for the foundation trenching is estimated to require 2.5 months. The monitor will be onsite approximately 70 percent of the time during these activities.

The SERVICE PROVIDER will develop a construction worker training program and produce a post-monitoring report of its activities.

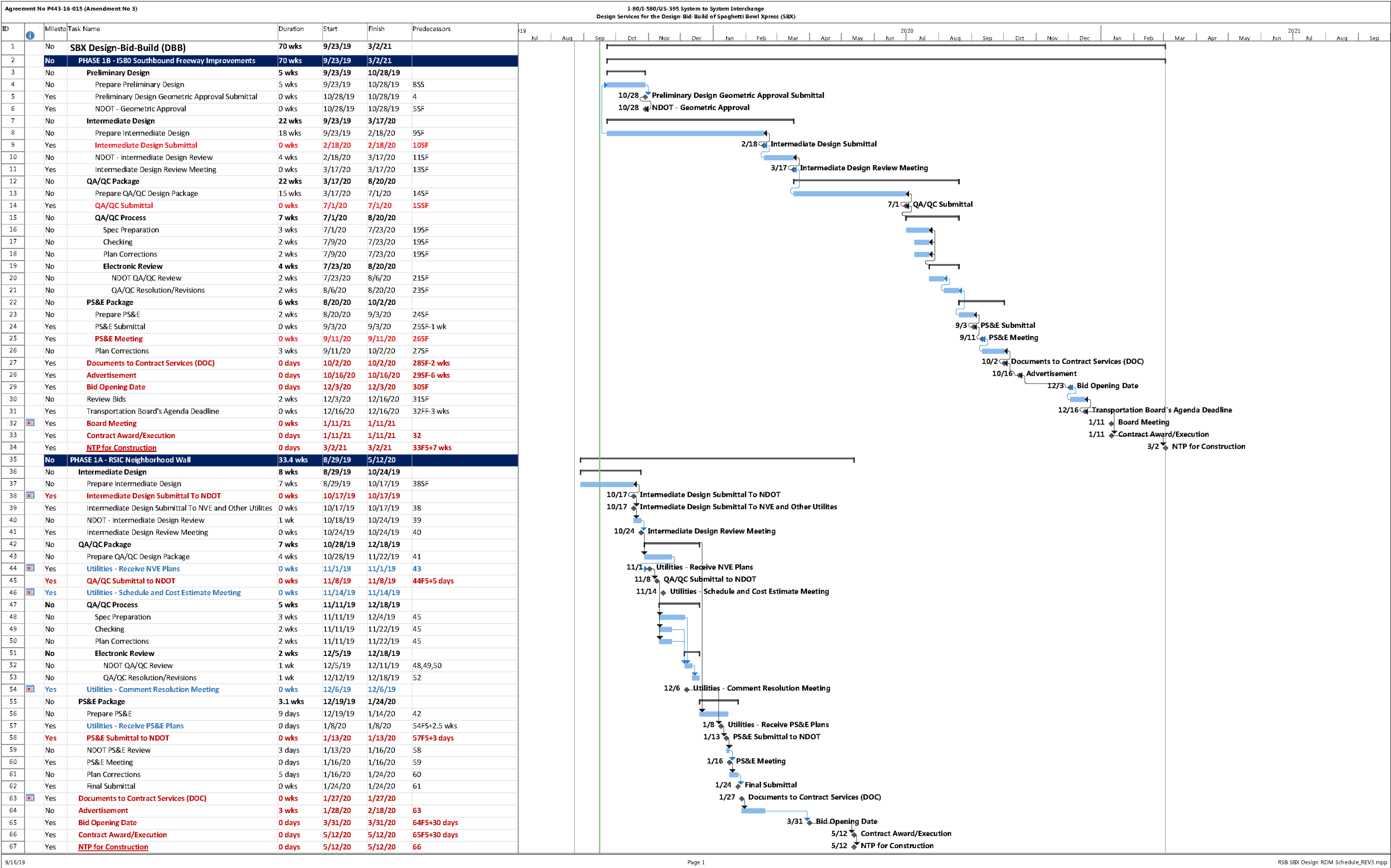
10 CONSTRUCTION SUPPORT – PHASE 1B

Resident Engineer support, change orders and shop drawing reviews will be provided by the SERVICE PROVIDER but is not included in this Scope of Work. These services will be added as an amendment at the appropriate time.

Construction Control Survey and Construction Survey/Stake Out will be provided by the SERVICE PROVIDER but is not included in this Scope of Work. These services will be added as an amendment at the appropriate time.

Cultural monitoring and reporting for Phase 1B will be provided by the SERVICE PROVIDER but is not included in this Scope of Work. These services will be added as an amendment at the appropriate time.

Major Milestone Schedule



INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☐ Limited Liability Company
☒ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☒ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

CH2M HILL, INC.

5. Corporate/Business Entity Street Address:

Street Address: 9191 South Jamaica Street	Website: www.jacobs.com
City, State and Zip Code: Englewood, CO 80112	Point of Contact Name: Ken Gilbreth
Telephone and Fax No. (303) 771-0900	Email: Ken.Gilbreth@jacobs.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 2485 Village View Drive, Suite 350	Website: jacobs.com
City, State and Zip Code: Henderson, NV 89074	Point of Contact Name: Ken Gilbreth, P.E.
Local Telephone and Fax No. (702) 369-6175, (702) 369-1107	Email: Ken.Gilbreth@jacobs.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the ***Definition*** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

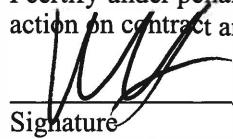
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A			

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.



Signature

Ken Gilbreth

Print Name

Vice President

Title

September 20, 2019

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

--

Signature

Print Name

Authorized NDOT Representative

Appointments**Board Directors**

Name	Position	Appointed
Duggal, Pakaj	Chairman	10/05/2018
Walstrom, Jan	Board of Directors	12/14/2017
Kirchner, Michael	Board of Directors	01/19/2018

Officers

Name	Position	Appointed
Alderson, Breck	Assistant Vice President	05/29/2013
Arnold, Julie T.	Assistant Secretary	05/29/2013
Barber, Scott J.	Assistant Vice President	05/29/2013
Beckman, Ryan	Vice President	04/01/2016
Carlin, Michael James	Treasurer	01/19/2018
Duggal, Pankaj	President	10/05/2018
Earsom, Deryl	Secretary	01/17/2019
Walstrom, Jan	Senior Vice President	10/05/2018
Heinemann, Thomas J.	Assistant Vice President	05/29/2013
Higgins, Thomas E.	Assistant Vice President	05/29/2013
Hsu, Mike	Senior Director Tax	05/30/2018
Kirchner, Michael	Vice President	10/05/2018
Lamb, Matt	Assistant Vice-President	01/21/2019
Lehew, John G.	Vice President	11/11/2013
Lehnen, Jeffrey D.	Assistant Vice President	05/29/2013
Lyon, Davinia	Senior Director Tax	05/30/2018
Mattheiss, Bruce	Assistant Vice President	05/29/2013
McIntyre, Gregory T.	Senior Vice President	07/08/2014
Rimas, Cheryl Jett	Assistant Secretary	05/29/2013
Thatcher, Robert	Assistant Vice President	02/12/2014
Winters, Keven	Director Tax	05/30/2018

Line Item 5

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

P521-16-813Amd1

For Agreement Services Only

Request to Solicit Services and Budget Approval (2A)

Amendments for time extensions (time only) do not require a form 2a

Initial Budget Request × Request for Amendment #: 1 Agreement #: P521-16-813If Amendment, name of Company: Atkins/BGMProject ID #(s): P521-16-813Type of Services: Truck Weigh Station Design ServicesOriginated by: Mark WoosterDivision: Traffic InfoDate Originated: 3/20/2019Division Head/District Engineer: Bob MadewellBudget Category #: 06Object #: 814UOrganization #: C813Estimated Cost: 200,000.00Type of Funding: State% of Fund: 100

Funding Notes:

State Fiscal Year(s): 2021State funding 100%**Financial Management:**

DocuSigned by:
Donna Spelts 4/2/2019
8A78D93AD71F444... ure Date

Requires Transportation Board Approval

× **Does not** require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

DocuSigned by:
Norfa Lanuza 4/2/2019
3BAB63AE02084DA... ure Date

Director:

DocuSigned by:
Kristina L. Swallow 4/2/2019
8D274EC84D25433... ure Date

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION**

P521-16-813Amd1

For Agreement Services Only

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:



Any additional information to attach:

Yes

**Purpose of, and Justification for, Budget Request:**

The Traffic Information Division of the Nevada Department of Transportation is seeking an amendment to project #P521-16-813. BGM Consulting has been involved in this project as a sub contractor, and has provided guidance in the design and operational requirements for fixed weight facilities. BGM is one of the nations leaders in the design and function of fixed weight facilities. As NDOT has not designed this type of facility in the past, we are seeking expert guidance as we move forward with this design. BGM has been involved in this process from the beginning, and has an understanding of the process that we at NDOT will be following as we move forward. Since this is a new process, it is imperative that our investment provide the best possible return for all concerned. The design and construction of fixed weight facilities is complicated, and we will be best served by bringing the type of experience and expertise that BGM is capable of providing. Atkins as the prime consultant is supportive of enlarging scope of BGM's work on this project.

Scope of Services:

Please see the additional attachment for this information.



1263 South Stewart Street
 Carson City, Nevada 89712
 Phone: (775) 888-7440
 Fax: (775) 888-7201

MEMORANDUM

9/1/19

TO: Sondra Rosenberg, Assistant Director

FROM: Mark Wooster, Project Manager

SUBJECT: Negotiation Summary for Amendment 1 to Agreement 521-16-813

On 9/15/17, NDOT entered into agreement 521-16-813 with Atkins North America, Inc. to perform an Investigation of Stakeholder Perspectives on the Efficacy of Commercial Vehicle Safety, and Size and Weight Regulation and Enforcement in Nevada.

The Scope of Services includes the coordination of interdepartmental strategies for the joint enforcement of Nevada transportation laws and regulations with respect to vehicles operating in excess of 26,000 pounds Gross Vehicle Weight (GVW).

Due to the need for an upgraded, usable site where trucks can be weighed and inspected in accordance with state and federal regulations, the Scope of Services must be increased to include a template of stakeholder needs for a truck weight check site and truck weight check site preliminary design work. BGM Consulting has been involved in this project as a sub-contractor and has provided guidance in the design and operational requirements for fixed weight facilities. BGM is one of the nation's leaders in the design and function of fixed weight facilities. As NDOT has not designed this type of facility in the past, we are seeking expert guidance as we move forward with this design. BGM has been involved in this process from the beginning and has an understanding of the process that we at NDOT will be following as we move forward. Since this is a new process, it is imperative that our investment provide the best possible return for all concerned. The design and construction of fixed weight facilities is complicated, and we will be best served by bringing the type of experience and expertise that BGM is capable of providing. Atkins as the prime consultant is supportive of enlarging scope of BGM's work on this project. This amendment includes 1234 additional hours of BGM and Atkins combined staff time.

To accommodate this increase of scope, the total amount of the agreement must be increased by \$200,000.

This amendment adds 21 months to the agreement for a new end date of June 30, 2021.

The negotiations yielded the following:

1. The total negotiated cost for this agreement, including direct labor, overhead, fee and direct expenses will be \$400,000.

Reviewed and Approved:

DocuSigned by:

 Assistant Director

09/20/2019

Attachment A1

BGM Consulting LLC recently completed a guidance package for NDOT and NHP on Truck Size and Weight Enforcement, which included guidance on the design and operational requirements for fixed inspection/weigh stations as well as a virtual and mainline WIM. To further assist NDOT in the processes for building Nevada's first fixed weigh station BGM would like to provide some details on the consulting assistance that would be helpful to meet the State's and stakeholder's needs. There is no intention to disrupt the thinking process that NDOT and partners have been going through but to augment what you may have already considered. BGM would like to make an assumption in this proposal, as was done in the guidance paper, that most of this development will be new to NDOT, NHP and other stakeholders within the State. Since this is new, it is imperative that NDOT's investment provides the best possible return for all concerned.

Although preparing for a fixed weigh station has its complexities, it does not have to be complicated. The BGM team has laid out 5 tasks along with what is to be done and what is to be accomplished with each task. Additionally, BGM has included the number of hours estimated for each task along with the expected consulting cost, and any travel costs.

The total cost of this project is estimated at 874 consulting hours for \$131,100, plus \$13,000 travel costs for a total project cost of \$144,100. Travel costs includes flights, hotel and rental car.

Task 1.Planning design group (NEV-CVE-TF)

There needs to be a lead agency for this design group. NDOT can play that lead role with a design group named Nevada Commercial Vehicle Enforcement Task Force (NEV-CVE-TF). The group members could come from Nevada DOT (NDOT), Nevada highway Patrol (NHP), Nevada DMV (NDMV), Nevada Department of Agriculture (NDA), Nevada Trucking Association (NTA) and others as needed. BGM can interview stakeholders to gather and define their needs, then lay out the template for the designers. This information will be invaluable to the site feasibility, conceptual design, design development, substantial design, and final design process. This information will also be essential for the asset management aspects such as; ownership, route maintenance, non-planned repairs and life-cycle replacement.

The BGM team will help NDOT to establish the task force, prepare the agenda, and help NDOT manage the task force meetings, take notes and work with members on follow-up action items coming out of the meetings. The BGM team will also maintain the stakeholder template as the action items are completed. This template will include fundamental design criteria needed to make the station operate to its optimum for the state and other stakeholders.

An ideal length of time for each meeting is approximately 2-3 hours for participants. It may be difficult to get full participation if scheduled for longer sessions. The first meeting will be an organizing meeting and will set the terms for the remaining two meetings. Schedules for Individual interviews between stakeholders and the BGM team can also be set at that meeting. These interviews will help the team members understand items that task force members may be less inclined to share at the open meetings. Individual interviews may need to be held outside the task force setting for all meetings. The 1st task force meeting, as mentioned, will be heavily focused on getting organized. The 2nd and 3rd task force meetings will be heavily focused on the topics below and to review any follow-up action item topics from previous meetings.

The task force will need to determine the answers to these questions and many more in order to build out the template that meets the stakeholders' needs.

- What defines success for each of the stakeholders?
- What are the short, mid and long-term goals of the stakeholders?
- Will it need to accommodate truck parking and its associated amenities of restrooms and vending?
- Will it need to accommodate agriculture inspections?
- How will Oversize/Overweight permitted trucks be processed from mainline throughout the facility?
- Will level 1 inspections be performed on hazardous materials trucks?
- Will trucks that are overweight on axle but not on gross be able to shift their load then reweigh?
- Will weigh station have canine officers?
- How will weigh station be staffed with civilian work force and/or sworn law enforcement officers?

Deliverables: A template with the entire Stakeholder needs identified related to the new weigh station as well as to commercial vehicle enforcement in general.

Duration: The expectation is to have a completed template within 3-4 months. It may take 2-3 stakeholder meetings to complete this task. The 1st will be an organizing meeting laying out NDOT and NHP expectations since they comprise the core elements of the needs, design, build, ownership, asset management and operational aspects. The 2nd will be a review of stakeholder needs and research requirements. The 3rd will be a 2nd review of stakeholder needs and final agreement on the design template elements.

Effort: This task will require 186 hours of BGM staff time. Each task force meeting will require 3 days, with 2 days travel and 1-day meeting. This totals 24 hours per staff member with 2 staff members for each of the 3 meetings, or 144 hours total. The time required to set up the meetings and finalize and disseminate notes is estimated at 6 hours per meeting or 18 hours total. The research required between the 1st and 3rd meetings to prepare the stakeholder template is estimated at 24 hours. The time required to hold individual interviews with the stakeholders while on site in Nevada is also included in this estimate. Total hours for entire task are 186 hours.

Cost: Staff cost is \$150/hour. When multiplied times task hours the total is \$27,900.00. The travel costs associated with this task are estimated at \$1,000/trip/person with 2-person team for a total of \$6,000. Total cost for the task is \$33,900.

Task 2. Neighboring states

Nevada does not have any major ports for goods movement. Most freight traffic moves through the state enroute to other locations in the country. Therefore, Nevada regulatory actions may have implications on other markets outside the state. Also, regulatory actions taken by those states may have implications on Nevada. Possibly trucks being regulated along the corridors connecting Nevada to other states may already have been inspected and may already have been

checked for size and weight regulation, including permits. Therefore, it may be to Nevada's advantage to collect the data already available from the other states and use that to perform its regulatory functions. Perhaps there are economies here that could accrue to Nevada.

It's not a stretch to get better connected with sister agencies in neighboring states. Nevada is already cooperating with 4 border connecting states under a state compact to administer the International Registration Plan and the International Fuel Tax Agreement, although Oregon may be an exception to that. Nevada is also part of a multi-state alliance between California, Arizona, and Utah along I-15. Within the Alliance states, the I-15 Corridor runs from the southern terminus in San Diego, California to the Utah/Idaho border. This portion of the facility covers approximately 840 miles and runs through several major metropolitan areas including San Diego, the Inland Empire, Las Vegas, and Salt Lake City, and connects with the major interstates of I-5, I-8, I-10, and I-40 in California, and I-70, I-80, and I-84 in Utah. The mission of the Alliance and its members is to develop, in partnership with public and private sectors, a comprehensive, multimodal Master Plan for the I-15 Corridor.

That being said, let's include Truck Size and weight in the Multimodal Master Plan. Nevada may be losing an opportunity for keeping costs in check without negotiating with the other states in this Alliance.

The BGM team can help in this process. Perhaps the finalization of the master plan may be outside the scope of this project but the initial elements that touch on what Nevada wants from its sister states and what they want from Nevada can be determined and become part of the design criteria. BGM can gather that information and bring it into the design template.

Deliverables: A design template that also includes the elements of interest and concern from neighboring states to include what they can provide Nevada and what they desire from Nevada. This task should also be completed at the time of Task 1.

Duration: The information gathering, and documentation process may run concurrently with the meetings held with NDOT and her sister agencies in Task 1. Therefore, there should be no additional calendar time required to get the critical information that needs to be added to the design template.

Effort: Estimating research time of 10 hours with each neighboring state, plus an equal amount of time to sort out with Nevada will require approximately 60 hours of consulting time.

Cost: Staff cost is \$150/hour. When multiplied times task hours the total is \$9,000.00

Task 3. Strategies

The state needs to consider a Statewide Commercial Vehicle Enforcement Network (SCVEN) that may be comprised of 3 different types of truck enforcement sites, and the truck types that will be using them, as follows:

- 1. Mainline multi-functional fixed commercial vehicle enforcement facilities (manned facilities): *for the purpose of enforcing the weight, length, height, width, classification, speed, credentials of drivers, commercial vehicles, loads and level one safety inspections.*
- 2. Mainline multi-functional commercial vehicle enforcements sites (non-manned sites): *for the purpose of enforcing the weight, length, height, width, classification, speed, credentials of driver, credentials of truck, and credentials of loads and level one safety inspections.*

- 3. By-pass enforcement sites (non-manned sites): *for routes around fixed enforcement facilities and through city streets. Each site's purpose is enforcing the weight, classification and speed of commercial vehicles which by-pass the fixed facilities.*

Planning, design and operational effectiveness of weigh station should consider all the items here as a starting point to a fully developed Statewide Commercial Vehicle Enforcement Network program plan. This part of the process can bring success for all stakeholders if the process elements are all addressed.

The BGM team will include in the design template future connectivity that may go beyond where the NDOT may be today in building a weight station on I-15. NDOT, NHP and their partners will need to consider the truckers that will evade enforcement action at a fixed site and will find alternate routes of travel. Technology is in the marketplace that will help with enforcement avoidance through virtual weigh stations and remote-controlled weigh stations that are unstaffed but will report the evasion to a designated location. Evasions can either be detected in this manner or be detected with roving mobile teams which may further dwindle in sworn-uniformed law enforcement resource availability for enforcement actions.

Deliverables: A network approach to enforcement, which will be identified on the design template as future connectivity beyond the I-15 site.

Duration: This activity can also be conducted during the time period of Tasks 1 & 2 but may require additional research on traditional as well as new opportunities of bypass routes. An estimate of an additional 2 months will be required to provide this data on a system approach to enforcement.

Effort: A network approach as well as a full system approach to enforcement will involve approximately 100 hours of effort

Cost: Staff cost is \$150/hour. When multiplied times task hours the total is 15,000.00

Task 4. Design

This task includes development of the design criteria for Nevada to use related to for building its weigh stations. The standards for the weigh station or other enforcement controls need to be coordinated specifically for Nevada based on local criteria. *Note: This is not a complete list, just a starting point. As stakeholder needs statements are vetted, then new questions and standards may be needed to support their needs.*

1 Roadway Standards – *What roadway standards does a WIM control pavement, static scale control pavement and inspection bay control pavement need to meet?*

- 1.1 WIM control pavements shall be a minimum of XXX' from the upstream edge of control pavements to the centerline of the WIM.
- 1.2 WIM control pavements shall be a minimum of XXX' from the centerline of the WIM to the downstream edge of control pavements.
- 1.3 WIM control pavements shall have a maximum cross slope of X%.
- 1.4 WIM control pavements shall have a fixed cross slope from end to end.
- 1.5 WIM control pavements shall have a smoothness that meets ASTM.
- 1.6 The distance between downstream edges of WIM control pavement and overhead signals for the exit gore shall be able to process commercial vehicles moving at XX MPH.
- 1.7 The distance between the overhead signal and gore for the static scale lanes shall be

- able to process commercial vehicles moving at XX MPH.
- 1.8 The distance between the static scale gores and each static scale control pavement shall be able to process commercial vehicles moving at XX MPH.
 - 1.9 Static scale control pavements shall be XX feet long at both ends.
 - 1.10 Static scale control pavements shall have a zero-cross slope.
 - 1.11 Static scale control pavements shall have a longitudinal slope of zero.
 - 1.12 Static scale control pavements shall meet the smoothness test of X" thick and X" diameter disk shall not slide under a XX' straight edge.
 - 1.13 The distance between exiting of static scale control pavements and mainline lane shall be able to process commercial vehicles moving at XX MPH.
 - 1.14 The distance between all parking spaces and the entrance gore back onto the interstate shall provide for acceleration so that commercial vehicles can be moving posted minimum XX MPH at the entrance gore.
 - 1.15 XX' of slabs into and out of inspection barns shall be in the same plane as the inspection barn floor.
 - 1.16 Other roadway items as per NDOT Standards and Specifications.
 - 1.17 Any other roadway control items unique to NHP's needs for mainline WIM station.

2 Signage Standards – *What dynamic and passive roadway signage is needed for proper flow of commercial vehicles through a weigh station?*

- 2.1 A "PREPARE TO STOP" sign shall be just downstream of static scale gore.
- 2.2 A "STOP" sign shall be located at the upstream end of each static scale.
- 2.3 Dynamic Message Signs (DMS) downstream of the static scale so that a XXX' long truck with its rear axles are on the rear scale platform can read the DMS.
- 2.4 Other signs as per NDOT standard and specifications
- 2.5 Any other signage items unique to NHP's needs for mainline WIM station.

3 Pavement Markings Standards – *What pavement markings are needed for proper flow of commercial vehicles through weigh station?*

- 3.1 The pavement marking shall be XX' wide throughout the WIM control pavement area.
- 3.2 The pavement markings at the static scale are to line up with the inside face of the static scale pit wall.
- 3.3 The pavement markings entering, through and exiting inspection building shall be X'-X" apart. Which could allow the trucker to place the outside of their tires on the inside face of the pavement marking, insuring the commercial vehicles are centered on the inspection pit.
- 3.4 Pavement marking shall be used in lieu of raised inlands, allowing XXX' commercial vehicles to make movements without having to roll over raised areas.

- 3.5 Other pavement markings as per NDOT standards and specifications.
- 3.6 Any other pavement marking items unique to NHP needs for WIM station.

4 Drainage Standards – *What drainage items are needed for screening and enforcement equipment?*

- 4.1 Drainage for WIM pits shall be a passive gravity type system.
- 4.2 The drainpipe for the WIM pits shall have a minimum slope of X" per foot.
- 4.3 The outfall for the WIM pits drain pipe shall have a tapered end section in the same plane as the sloped earth around it.
- 4.4 The out-fall elevation for the WIM pit drainpipes shall be a minimum of 1' above weir elevation of discharge area.
- 4.5 Drainage for static scales pits shall be a sump and duplex pump type system.
- 4.6 The drainpipe for the static scale pits shall have a minimum slope of 1/4" per foot.
- 4.7 The outfall for the static scale pit drain pipes shall have a tapered end section in the same plane as the sloped earth around it.
- 4.8 The outfall elevation for the static scale pit drainpipes shall be X' above the weir elevation of discharge area.
- 4.9 Drainage for the inspection pits shall be a sump, duplex pump and oil trap type system.
- 4.10 The inspection pit drainpipes shall have a minimum slope of X" per foot between the pit wall penetration and oil trap inlet.
- 4.11 Inverted crowns and inlets at midpoints in parking lot shall control truck parking drainage, providing more vertical clear space under commercial vehicles for inspections.
- 4.12 Other drainage items as per NDOT standards and specifications.
- 4.13 Any other drainage items unique to NHP's needs for mainline WIM station.

5 Roadway Lighting Standards – *What roadway lighting is needed for weigh station to work properly during dark conditions?*

- 5.1 Commercial vehicles at the stop bar prior to the static scales shall have its vertical surfaces illuminated for reading from the control room in administration building.
- 5.2 Commercial vehicles on the static scales shall have its vertical surfaces illuminated for reading from the control room.
- 5.3 Commercial vehicles in the inspection parking spaces for oversized commercial vehicles shall have its vertical surfaces illuminated for reading.
- 5.4 Commercial vehicles on the approach slabs before and after inspection building shall have its vertical surfaces illuminated for reading from both ends of this building.
- 5.5 Other roadway lighting as per NDOT standards and specifications.
- 5.6 Any other roadway lighting items that are unique to NHP's need for mainline WIM station.

6 Pavement Surface Standards – *What types of pavement surfaces are needed for weigh station to function properly and safely?*

- 6.1 Control pavement surfaces at WIM shall be safe for the posted speed and cause minimum vibration for accuracy of WIM.
- 6.2 Control pavement surfaces at static scales shall be a smooth broom finish.
- 6.3 Other pavement surfaces as per NDOT standards and specifications.
- 6.4 Any other pavement surfaces items unique to NHP's needs for mainline WIM station.

7 Signalization Standards – *What signalization is needed for proper directions and flow of commercial vehicles through weigh station?*

- 7.1 Use symbols in lieu of words when possible.
- 7.2 The overhead signalization in advance of the exit gore shall have red/green directional arrows pointing to their respective lanes.
- 7.3 The overhead signalization in advance of static scale lanes gore shall have red/green directional arrows pointing to their respective lanes.
- 7.4 The post-mounted signal at static scales shall be X' above the pavement surface it serves.
- 7.5 All signal heads shall be protected from sun glare and visibility control from other lanes.
- 7.6 Red/green traffic light shall be located at stop bar just upstream of static scale.
- 7.7 Red/green traffic light shall be integrated into the DMS downstream of static scale so drivers have only one focal point for instructions while on static scale.
- 7.8 DMS downstream of static scales shall be centered over the lane it is instructing.
- 7.9 DMS downstream of static scales shall be capable to show the following: "STOP NOW", "PULL FORWARD", "BACK UP", "GO PARK", "BRING PAPERS" and other messages as needed.
- 7.10 Either the WIM or static scale computers with manual overrides shall control all signalization.
- 7.11 Other signalization as per NDOT standards and specifications.
- 7.12 Any other signalization items unique to NHP's needs for mainline WIM station.

8 Presence Detection Device Standards – *Where are presence detection devices needed for proper flow of commercial vehicles through weigh station?*

- 8.1 Devices shall be located just upstream of the mainline WIM scales.
- 8.2 Devices shall be located at the overhead signalization for the mainline exit gore.
- 8.3 Devices shall be located at each gore throughout the facility.
- 8.4 Devices shall be located for static scale lanes just downstream of static scales.
- 8.5 Devices shall be located for lane between parking lot and static scales.

8.6 Please describe any other presence detection devices unique to NHP's needs for mainline WIM station.

9 Surveillance System Standards – *What surveillance cameras are needed for operational needs and safety of operational staff and commercial drives?*

9.1 Cameras placed upstream of mainline WIM scales to scan commercial vehicles for polluting.

9.2 Cameras placed on mainline WIM lane to monitor commercial vehicles by-passing the weigh station.

9.3 Camera placed as needed to monitor blind spots around building.

9.4 Camera placed as needed to monitor parking lots.

9.5 Please describe any other surveillance items unique to NHP's needs for mainline WIM station.

Building Control Items

10 Sight Lines Standards – *What sight lines are needed for proper operations of weigh station?*

10.1 Employees shall be able to see wheel contact area on static scales from both a standing and sitting position in the control room.

10.2 Employees shall be able to make eye contact with drives on static scales from both a standing and sitting position in the control room.

10.3 Employees shall be able to make eye contact with drivers in inspection building lane upstream of inspection building from both a standing and sitting position in the control room of the inspection building.

10.4 Employees shall be able to see employee parking lot from both a standing and sitting position in the control room.

10.5 Employees shall be able to see truck parking lot from both a standing and sitting position in the control room.

10.6 Employees shall be able to see truck drivers walking from truck parking lot to drivers area in administration building from both a standing and sitting position in the control room.

10.7 Any other sight line items unique to NHP's needs for mainline WIM station.

11 Environmental Control System Standards – *What considerations are needed for environmental control system?*

11.1 Considerations shall be given to the heat gain due to the green house affect.

- 11.2 Consideration shall be given to radiant heat gain on employees required to work within 2' of the glazing system.
- 11.3 Consideration shall be given to the concrete (white reflective thermal mass) around building which can produce an outdoor ambient temperature of well over XXX degrees or higher in summers.
- 11.4 Duct sizes, number of turns, number of returns and air flow rate shall be designed to meet heating and cooling needs as noise free as possible.
- 11.5 Considerations shall be made to address possibilities of evaporator freezing up due to over design during mild outdoor temperatures with high humidity.
- 11.6 The building envelope shall be considered closed with no opportunity for opening windows or doors.
- 11.7 If solar screens are applied to exterior of glazing system for control of heat gain, they shall be removable without the need of tools.
- 11.8 Any other environmental control items unique to NHP's needs for mainline WIM station.

12 Functional Adjacencies Standards – *What items and functions are needed to be adjacent for easy of use, efficiency and effectiveness for operational staff and commercial drivers?*

- 12.1 Inspection building shall be adjacent to administration building.
- 12.2 Control room shall be adjacent to Driver's room.
- 12.3 Driver restroom shall be adjacent to driver's room.
- 12.4 Law enforcement office shall be adjacent to inspection building.
- 12.5 Employee restrooms shall be adjacent to locker area.
- 12.6 Supervisor office shall be adjacent to Control room.
- 12.7 Driver's room shall be on truck parking side of building.
- 12.8 Mechanical room shall be at rear of administrative building with an entrance from the exterior.
- 12.9 Electrical room shall be at rear of administrative building with an entrance from the exterior.
- 12.10 Janitor closet shall be adjacent to hall near restrooms and break area.
- 12.11 Evidence storage with a minimum of XX sq. ft.
- 12.12 K-9 area with a minimum area of XX sq. ft.
- 12.13 Computer room with HAVC to keep equipment cool and dry.
- 12.14 Any other functional adjacency items unique to NHP's needs for mainline WIM station.

13 Millwork Standards – *What consideration is needed for millwork through each building?*

- 13.1 Break area shall have common use drawers.
- 13.2 Break area shall have overhead cabinets for common use.
- 13.3 Break area shall have one refrigerator with freezer and ice-maker.

- 13.4 Break area shall have one microwave mounted to underside of overhead cabinets.
- 13.5 Break area shall have a double bowl sink with hot and cold water.
- 13.6 Control room shall have base cabinets with continuous chase between back of base cabinet and wall.
- 13.7 Any other millwork items unique to NHP's needs for mainline WIM station.

14 Security Measures Standards – *What security measures are needed for operational staff and commercial drivers?*

- 14.1 All exterior glazing shall be bullet resistant.
- 14.2 All exterior entrance doors shall have electronically controlled access.
- 14.3 Driver's room walls and ceilings shall have bullet resistant envelope.
- 14.4 Driver's restroom walls and ceiling shall have bullet resistant envelope.
- 14.5 Blind spots around building shall have cameras with monitors in control room.
- 14.6 Sight line from control room to employee parking, truck parking and walkways.
- 14.7 Please describe any other security measures unique to NHP's needs for mainline WIM station.

Truck Parameters

15 Truck wheelbase lengths

- 15.1 Shortest length wheelbase truck for design shall be X' (one steering axle and one drive axle).
- 15.2 Most common length wheelbase truck for design shall be XX' (one steering axle, tandem drive axles and tandem trailer axles).
- 15.3 Longest length wheelbase truck (tractor and trailer) with steering axle on tractor only for design shall be XXX'.
- 15.4 Longest length wheelbase truck (tractor and trailer) with steering on both tractor and trailer shall be XXX'.
- 15.5 Any other truck wheelbase length items unique to NHP's needs for mainline WIM station.

16 Number of axles per truck

- 16.1 Two axles per truck shall be the minimum number of axles for design.
- 16.2 Five axles per truck shall be the most common number of axles for design.
- 16.3 Nineteen axles per truck shall be the maximum number of axles for design.
- 16.4 Please describe any other number of axles per truck unique to NHP's needs for mainline WIM station.

17 Weight per axle group

- 17.1 Minimum weight for a single axle shall be 2500 lb.
- 17.2 Maximum legal weight for a single axle shall be 20,000 lb.
- 17.3 Maximum legal weight for a tandem axle shall be 34,000 lb.
- 17.4 Maximum legal gross weight is 80,000 lb. with XXX lb. of grace.
- 17.5 Any other weight limits per axle type unique to NHP's needs for mainline WIM station.

18 Allowable truck heights

- 18.1 Standard legal truck height limit shall be XX'-X".
- 18.2 Maximum permit height for commercial vehicles using this roadway segment is XX'.
- 18.3 Any other truck height items unique to NHP's needs for mainline WIM station.

19 Allowable truck widths

- 19.1 Standard truck width is 8'-6" or 102".
- 19.2 Maximum wide load is XX'-X' with a maximum cantilever of X'-X" off either side of truck.
- 19.3 Any other truck widths unique to NHP's needs for mainline WIM station.

WIM / Static Scale System Items

20 WIM Standards – *What screening functionalities does the WIM system need to collect and display for each truck?*

- 20.1 Number of axles, weight of each axle, number of axle groups, weight of each axle group, distance between axles, distance between axle groups, king pin distance, gross weight, classification of truck, over height, external bridge distance, internal bridge distance, speed, off scale, imbalance load between wheels on one axle, imbalance load between axles of a tandem axle group and wheelbase distance, height length and width of truck.

21 Static scales shall collect and display the following data for each truck:

- 21.1 Weight per axle group, gross weight, internal bridge weight and if entire truck is on static scale or not.

22 Safety measures for truck traffic through WIM station:

- 22.1 When a truck is stopped at one of the presence detection devices within the weigh station facility for a predetermined amount of time the truck management system shall alarm and move incoming traffic to the other static scale, by-pass lane and/or temporarily close the station for issue to clear.

- 22.2 When a truck is returning to the static scales from the truck parking lot for a reweigh the truck management system shall alarm and move incoming static scale traffic to second static scale farthest from truck parking lot traffic.
- 22.3 Any other truck traffic safety measures unique to NHP's needs for mainline WIM station.

23 WIM system shall be able to generate the following reports by the number of commercial vehicles by the hour, shift, day, week, month and year for:

- 23.1 Commercial vehicles
- 23.2 Commercial vehicles sent to WIM bypass lane
- 23.3 Commercial vehicles sent to static scales
- 23.4 Commercial vehicles per classification
- 23.5 Commercial vehicles over height limits
- 23.6 Commercial vehicles over gross weight limits
- 23.7 Commercial vehicles over axle weight limits
- 23.8 Commercial vehicles over internal bridge limits
- 23.9 Commercial vehicles over external bridge limits
- 23.10 Commercial vehicles over king pin limits
- 23.11 Commercial vehicles off scale
- 23.12 Commercial vehicles with imbalance wheel load from side to side
- 23.13 Commercial vehicles with imbalance between axles of a tandem axle group
- 23.14 Commercial vehicles speeding
- 23.15 WIM accuracy compared to static scale
- 23.16 WIM accuracy compared to static scale per classification
- 23.17 Any other WIM system reports unique to NHP's needs for mainline WIM station.

The BGM team will review and contrast all of these parameters against the AASHTO and CVSA standards as well as the design template from the state sister agencies and the neighboring states.

Deliverables: Design criteria that meets the needs of Nevada and its neighboring states, and their reciprocation.

Duration: This begins after the template design is complete, which covers a period of 6 months. The design criteria is expected to be complete to provide to the construction contractors within 6 months of the template design.

Effort: This 6-month duration is expected to require approximately 448 hours of effort.

Cost: Staff cost is \$150/hour. When multiplied times task hours the total is \$67,200.00. The travel costs associated with this task is estimated for 3 trips at \$1,000/person with 1-person team for a total of \$3,000. Total is \$70,200.00 for this task.

Below is a depiction of the project schedule to cover a 12 month period of time.

Project Schedule

Tasks/Months	1	2	3	4	5	6	7	8	9	10	11	12
Task 1. Planning Design Group												
Task 2. Neighboring States												
Task 3. Strategies												
Task 4. Design												
Task 5. Management												

Task 5. Management

Under the direction of NDOT, BGM will coordinate all aspects of this project over the 12-month duration and will make sure that NDOT receives monthly task summaries and will also be advised of any activities that adversely affect the project schedule.

Deliverables: Template for design criteria for building a weigh station on I-15. The template will include all pertinent details gathered from state and neighboring stakeholders that will affect the design for the station and ancillary details on technology that may assist in station operation, such as virtual bypass sites to capture images of trucks avoiding detection.

Duration: The entire project is expected to be complete within 12 months of initiation. A kickoff meeting is suggested with 2 senior BGM team members in attendance. Additionally, NDOT may want to have a face 2 face project completion meeting with 1 or both senior BGM team members in attendance.

Effort: Task management effort is approximately 10% of the total project effort of 794 hours. Thus the management task effort is 80 hours.

Cost: Staff cost is \$150/hour. When multiplied times task hours the total is \$12,750.00. Travel costs for this task include two trips with two staff members to Carson City at \$1,000 each for flight, hotel and rental car, for a total of \$4,000.00. Total cost for the task is \$16,750.00.

The BGM team is ready to begin to work with NDOT at the earliest opportunity or as required by the state.

Please respond to: Mr. Barry Mason, President
BGM Consulting LLC
Email: bgmconsulting@bellsouth.net
Phone: 850-251-9141

Task 6. Project Administration

As the prime contractor Atkins North America will maintain responsibility for invoicing and performing all other administrative functions for the duration of the agreement. The Atkins

project manager will also serve as liaison between BGM and NDOT to ensure the project remains on schedule and deliverables are provided as agreed upon.

Cost: \$ 150/hour. Approximately 20 hours per month for 18 months. Total cost for the task is \$55,150.

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation ("NDOT") to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting 'Other', provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the "Doing Business As" (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☐ Limited Liability Company
☒ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☒ Yes ☐ No

3. Number of Nevada Residents Employed (Do Not Leave Blank): 195

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

SNC Lavalin/Atkins, North America Inc.

5. Corporate/Business Entity Street Address:

Street Address: Rivers Corporate Centre, 10330 Old Columbia Road	Website: https://www.sncclavalin.com/en/about/leadership-and-governance/board-of-directors
City, State and Zip Code: Columbia, Maryland, 21046	Point of Contact Name: Michael Lawson
Telephone and Fax No. 775-789-9856 Fax 775-851-1687	Email: michael.lawson@atkinsglobal.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 10509 Professional Circle	Website: https://www.atkinsglobal.com
City, State and Zip Code: Reno, Nevada 89521	Point of Contact Name: Michael Lawson
Local Telephone and Fax No. 775-789-9856 Fax 775-851-1687	Email: michael.lawson@atkinsglobal.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Ian L Edwards	Chief Executive officer	
Kevin G Lynch	Chairman of the Board	
Jacques Bougie	Member Board of Directors	
Isabelle Courville	Member Board of Directors	
Catherine J. Hughes	Member Board of Directors	
Steven L. Newman	Member Board of Directors	
Jean Raby	Member Board of Directors	
Alain Rheaume	Member Board of Directors	
Eric D Siegle	Member Board of Directors	
Zin Smati	Member Board of Directors	
Benita M Warmbold	Member Board of Directors	

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the **Definition** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

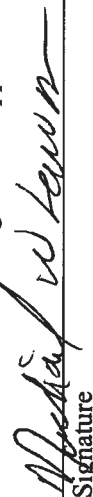
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


Signature

Michael W Lawson
Print Name

Project Manager
Title

09/23/2019
Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- ☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

Line Item 6



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

September 20, 2019

TO: Cole Mortensen, Assistant Director
FROM: Nanette Maxwell, Project Manager
SUBJECT: Negotiation Summary for RFP 656-18-050 Vegetation Control

A negotiation conference call meeting was held at Hot Springs in Carson City on September 18, 2019, with Chris Testa and Catrina Palmer of URW, LLC dba United Right-of-Way and Ambere Angel and Nanette Maxwell of the Nevada Department of Transportation (DEPARTMENT) in attendance.

The DBE goal for this agreement has been established at zero percent (0%).

The duration of this agreement will be for 4 years, ending on December 31, 2023.

The Scope of Services was reaffirmed by both parties at the outset.

The following was agreed to by both parties:

Actual acreage determined by each District.

SERVICE PROVIDER will coordinate with each District's Maintenance contacts for details.

Key personnel dedicated to this project are as follows:

Statewide Contact – Chris Testa

District 1 Contact – Steve Adams

District 2 Contact – Steve Adams

District 3 Contact – Dan Nelson

The budget for this contract is \$4,000,000.00.

The URW, LLC dba United Right-of-Way's original cost proposal was revised during negotiations (See Attachment B, Price Proposal).

The negotiations yielded the following:

Actual payables based on proposal bid item amounts of:

\$61.50 per acre for herbicide spraying on non-interstate routes

\$75.25 per acre for pre-emergent spraying on non-interstate routes

\$108.05 per acre for herbicide spraying on interstate routes to include truck attenuator

\$119.29 per acre for pre-emergent spraying on interstate routes to include truck attenuator

\$61.50 per acre as needed for any call out foliar spraying by Districts up to the limit of 6,200 acres

\$1.10 per acre for marking dye

Reviewed and Approved:

DocuSigned by:

6F0A0E81C54047A...
Assistant Director

09/23/2019

ATTACHMENT A

Scope of Services

The purpose of this Project is to obtain services in the application of herbicides, and pre-emergent herbicides, as defined in NRS 555.267, to provide a vegetation-free swath on the shoulders of DEPARTMENT maintained routes and roadways throughout the State of Nevada, through the actual application of herbicides. The application shall encompass a nine (9) foot swath to include one (1) foot of roadway pavement and eight (8) feet of shoulder. In areas of heavy concentrations of vegetation immediately adjacent to the eight (8) foot swath, an additional application area (Foliar) may be designated by the District to control seed bank re-infestation of original shoulder coverage area. Vegetation-free swath shall consist of shoulders, on two (2)-lane routes, and both shoulders and both median shoulders on four (4)-lane, divided routes.

Spraying within urban areas is not a part of this Project. Sidewalks are generally considered to be delineation of urban areas. Do not spray shoulder areas where sidewalk is present. There will be areas of shoulders which are exempted from the vegetation control program due to landscaping, protected species avoidance, or watershed considerations. Do NOT spray in waterways. Application of herbicides shall be performed during dry-weather conditions; application of herbicides shall not occur within twelve (12) hours of a forecasted precipitation event. Herbicides applied to riparian vegetation (e.g. willows, cattails, cottonwood trees, etc.) shall be approved for aquatic use. Additionally, the individual Districts and Subdistricts may designate areas of exemption due to construction.

Attachment D is only a list of potential routes which may have vegetation control, not all may be designated for spraying.

Quantities listed in the Project Schedule are total estimated quantities if all route shoulders listed in Attachment D are sprayed on an annual basis and are to be used for estimation only. Environmental avoidance areas, District exemption areas or economic concerns may reduce the actual quantities sprayed.

Licensing Requirements:

The successful Service Provider must supply two (2) persons per spray vehicle of which one (1) must be in possession of a valid CDL license endorsed for hazardous material. The spray operator will be required to have or obtain within sixty (60) days of project award, a valid license issued by the State of Nevada Department of Agriculture, for the application of restricted use pesticides. Documentation of appropriate licensing must be furnished to the Maintenance and Asset Management Office prior to commencement of any operations within the State. Spray operator must be in possession of license while spraying. Service Provider or Subcontractor must be licensed by the State of Nevada Department of Agriculture, for application of pesticides on rights-of-way and landscape areas for both restricted and non-restricted use pesticides, per NRS 555.2667 and NRS 555.280.

The Service Provider must comply with the Clean Water Act and the National Pollutant Discharge Elimination System permit issued from the Nevada Division of Environmental Protection (NDEP).

Safety Program:

The successful Proposer shall provide a complete safety plan for the roadside vegetation control program and must be submitted prior to the commencement of any spraying operations. The program shall be bound, titled and provided to the Maintenance and Asset Management Office and each of six (6) Maintenance Stations, to include the following:

- A. Product Information, to include chemical and common name(s).
- B. Product Hazards, environmental and personnel.
- C. Safety Precautions.

- D. MSDS and Product Labels for all products to be used.
- E. Spill Containment and Reporting Plan: any spill of material must be reported to the District office of the District in which spill occurred.
- F. Traffic Control Plan consistent with a moving operation which provides for the safety of crew, the motoring public, and DEPARTMENT resources. Service Provider shall be responsible for furnishing all equipment or materials necessary for traffic control. Lane closures will not be allowed.
 - 1. An impact attenuator truck **will** be necessary behind spray equipment on Interstate System routes for safe movement of vehicles through spray zone. The Nevada Department of Transportation will NOT provide this equipment. The cost of the impact attenuator will be considered an overhead cost associated with Interstate spraying, no direct reimbursement shall be made for the cost of impact attenuators, which should be included in the unit cost for Interstate spraying in the proposal.

All plan books shall be updated if new chemicals are approved for use or changes are made to any of the above sections (A – F). Failure to provide or update may result in termination of contract.

Data Requirements:

All electronic data provided to the DEPARTMENT, including but not limited to Inventory information, spray locations, and herbicide application data will be in NAD83 – GRS 1980, UTM (Zone 11, meters) format and will contain appropriate metadata reflecting accuracy. Service Providers collecting data using GPS will also provide the information on hardware, metadata on the data collected, and post processing with the use of WAAS enabled or other real-time correction method, GPS units strongly encouraged. It is strongly recommended for any Service Provider developing data to consult with the DEPARTMENT's GIS section prior to collection of data for specific standards necessary for data inclusion in the DEPARTMENT's Digital Cartographic Reference Base Map (DCRB).

The successful Service Provider shall provide web based real time GPS vehicle tracking system. System shall provide real time vehicle position along roadway, along with vehicle and equipment condition such as but not limited to ground speed, spray pump on/off condition, any over alarm conditions, etc. System shall also record and be capable of viewing later.

Coordination and Training:

Coordination with the District Offices is a must during this contract. The Districts must be kept aware of location of spraying operations within each District or Sub-District. Coordination shall be made with the following contact persons in each district listed below:

District 1:	Las Vegas	
	Mary Martini (District Engineer)	(702) 385-6501
	Mike Yates (Asst. District Engineer)	(702) 385-6503
	Phillip Andrews (Maintenance Manager-North)	(702) 385-6566
	Kevin Killian (Maintenance Manager-Central)	(702) 385-6517
	Tommy Thompson (Maintenance Manager-South)	(702) 385-6556
Subdistrict 1:	Tonopah	
	Sami Yousuf (Asst. District Engineer)	(775) 482-2303
	Lenny Siri (Maintenance Manager)	(775) 482-2377
District 2:	Reno	
	Brandon Burge (Maintenance Manager)	(775) 834-2606
	Paul Harmon (Maintenance Manager)	(775) 888-1419

District 3:	Elko	
	Boyd Ratliff (District Engineer)	(775) 777-2700
	Berhane Tesfagabr (Asst. District Engineer)	(775) 777-2712
Subdistrict 3:	Winnemucca	
	Shaun Deforest (Maintenance Manager)	(775) 623-8040
Subdistrict 3:	Ely	
	Steve Baer (Asst. District Engineer)	(775) 289-1703
	Eric Trujillo (Maintenance Manager)	(775) 289-1704

An annual Temporary Right-of-Way Occupancy permit must be obtained from each District, at no cost to Service Provider, before spraying operations begin.

Prior to the start of spraying operations, the Service Provider shall schedule training sessions in Las Vegas, Tonopah, Sparks, Elko, Winnemucca and Ely to familiarize District personnel with the spray program schedule, the safety plan, a program overview, and vegetation identification and how the herbicides work. Sessions may coincide with District consultation. The cost of the coordination and training program shall be incidental to the overall spray program. No direct reimbursement shall be made for the costs of training sessions.

At least one week prior to spraying within a District the following required information will be provided to the District, as follows:

1. Route(s) to be sprayed.
2. Notation of any exception areas present on route.
3. Beginning milepost, End milepost, and location of spraying. Location of spraying may include one side or the other or both sides of road, and any medians present.
4. Approximate times spraying will begin and end.
5. Product(s) to be sprayed.

Vegetation Control:

Herbicide(s) shall be capable of killing all vegetation within a nine (9) foot spray swath. It would be advantageous that herbicide contained a soil sterility capability to prevent any regrowth.

Spray mixture shall also contain any necessary adjuvants such as surfactants, stickers, extenders, activators, buffers, acidifiers, deposition aids, de-foaming agents, thickeners, or compatibility agents as necessary or warranted.

Cost of adjuvants will be incorporated into cost of herbicide requiring same. No payment will be made for Adjuvants except for Green Dye which will always be used and paid for as shown on proposal.

Vegetation which might be encountered along routes are, but not limited to: all vegetation listed in Noxious Weed List (Attachment E) along with common vegetation such as Kochia, Russian Thistle, Sweet Clover, Grindelia, Halogeton, Willow, Rabbit Brush, Poverty Weed, Annual Grasses, Perennial Grasses.

All herbicide spraying shall consider maximum wind speed at which products may be dispensed to prevent product drift, environmental issues, and resulting warranty callback work. Service Provider will submit a best management practices plan identifying the control measures to be implemented to reduce (to the maximum extent practicable) water quality impacts from herbicide application.

For this contract the nine (9) foot swath, encompassing one (1) foot of roadway and eight (8) feet of shoulder, along one (1) linear mile of shoulder shall total 1.09 acre

Spray Program: Timing, and Application:

The Contractor must supply labor and equipment in sufficient quantity to complete the herbicide, and pre-emergent spray program during the time frames determined by each District or Sub-District.

Herbicide

All herbicide spraying shall take place between May 1 and September 30.

Pre-Emergent: Spring and Fall Application

The Contractor must coordinate with the District's contact person listed in pages 5 and 6 for spring and fall application schedule.

The actual roads to be sprayed during the fall and spring program are shown on Attachment B. The Department reserves the right to modify the times of the year that herbicides are placed at no additional cost to the Department.

All herbicide(s) used shall kill existing vegetation in all its forms found along roadway. Pre-emergent spraying is a part of this contract and will be paid.

Warranty:

Service Provider shall warranty the vegetation-free nine (9) foot swath. The Service Provider shall be responsible for applying warranty treatment to roadway shoulders when growing vegetation is present within nine (9) foot swath irrespective of vegetation height.

The District Engineer or their representative will have the sole responsibility in determining that the objectives of the herbicide spraying have not been met. This does not relieve the Service Provider from duties to inspect roadways for vegetation present and to conduct warranty work generated by these inspections upon notification to the Engineer.

Service Provider must respond, upon receipt of a written request from the DEPARTMENT, within seven (7) working days. Any need for warranty vegetation spraying will be the sole financial responsibility of the Service Provider and the DEPARTMENT will not reimburse any costs of warranty work.

The Service Provider shall meet with District personnel, no later than the end of July, to discuss the effectiveness of spray program based on inspections and discuss any problem areas of concern from the previous year spray program along with any necessary changes or concerns.

Foliar:

In areas of heavy concentrations of vegetation immediately adjacent to the nine (9) foot swath, an additional application area (Foliar) may be designated by the DEPARTMENT, to control seed bank re-infestation of original shoulder coverage area.

The annual foliar treatment areas shall be limited to a total of six thousand two hundred (6,200) acres per year with spraying made during the months of July and August, statewide.

Working Hours:

Herbicide application shall be made during daylight hours and during the period of Monday through Friday. Work will not be allowed on the following legal holidays:

January 1st (New Year's Day)
3rd Monday of January (Martin Luther King Jr Day)
3rd Monday of February (Presidents Day)
Last Monday of May (Memorial Day)
4th of July (Independence Day)
1st Monday of September (Labor Day)
Last Friday of October (Nevada Day)
November 11th (Veterans' Day)
4th Thursday of November (Thanksgiving Day)
4th Friday of November (Family Day)
December 25th (Christmas Day)

Work on weekends and during the hours of darkness must be requested in writing from the District Engineer or representative a minimum of three (3) working days prior to the actual work. Approval from District Engineer or representative must be received prior to the actual start of non-standard work.

The Service Provider shall be required to give each District Engineer or representative a notice of intent to begin the spray program within the related geographical area. The notice must be given seven (7) working days prior to the spraying operation starting. If the spray program is not in accordance with the operations plan the notice of intent to commence spraying must be in writing.

Equipment:

Service Provider shall provide evidence of equipment meeting the following minimum specifications:

Ability to provide sufficient water to meet spraying needs.

Chemical holding tanks with agitation.

Spray rigs utilizing computer injection monitoring systems:

Shall be capable of applying three (3) different chemical mixes from three (3) different tanks simultaneous or independent of each other.

System must be able to change the rate of application chemical per acre instantaneously while spraying. The computer shall monitor and display on screen the rate per acre for all three (3) chemical mixes, total ounces sprayed for all three (3) mixes, total acres sprayed for all three (3) chemical mixes, and true ground speed that is radar controlled.

The system shall have an in-line chemical flow meter, which will detect actual chemical flow for each chemical. The ability to monitor actual flow shall be done from inside the cab and the adjustment of chemical being dispersed must be done automatically by the computer injection system.

The system must be able to detect over and under application of chemical. In the event of under application of the chemical, the computer must have a warning system that informs the operator of the under application continuously until the problem of under application is corrected.

The warning system must not have manual bypass capabilities, thereby allowing the operator to ignore the under-application event.

The system must utilize an adjustable low drift nozzle.

The system must utilize an articulating arm that is capable of reaching behind guardrail and concrete barrier rail.

The articulating arm and the adjustable nozzle must be controlled from within the cab and provide uniform coverage on different slopes throughout the road systems.

The system must have Global Positioning Equipment (GPS) and Data Logging System capabilities. Reports generated from the system must be provided with the daily spray logs.

The electronic spray monitoring system must be used during all applications. The DEPARTMENT reserves the right to check the systems flow meters and calibration at random. The DEPARTMENT reserves the right to inspect all equipment used on the spray program prior to actual spraying or during the contract. Any equipment that is leaking, in poor operating condition, in need of repair, incapable of performing the work or not meeting the minimum requirements will be removed from the project. All vehicles used in the spray program must have a current vehicle registration from its home state. The vehicle must be placarded in accordance with requirements of the U.S. DOT. Basis of payment for spray equipment shall be acres sprayed and shall include all equipment and labor.

A list of equipment with documentation that they meet the above specifications shall be submitted with the bid. Failure to provide the required equipment specifications shall be a cause for rejection of the bid.

All equipment utilized in accomplishing the actual administering of herbicide to the area of ground encompassed by the nine (9) foot spray swath is incidental to this contract and no direct payment will be made, either for the actual equipment, including vehicles, and the maintenance necessary for the proper accomplishing of the spray operation.

Storage of equipment shall not be allowed at any DEPARTMENT facility.

Material:

Determination of herbicides, and pre-emergent chemicals used for this program will be at the discretion of the Service Provider with the approval before use by the District Engineer and the Maintenance and Asset Management Office. Service Provider shall only use herbicides and pre-emergent chemicals registered under the Federal Insecticide, Fungicide, and Rodenticide Act.

Service Provider is free to conduct research and perform "test plot" applications with any new products that may be deemed beneficial to the DEPARTMENT in either costs or effectiveness. Service Provider must work closely with manufacturers, distributors, and the DEPARTMENT to bring new products, application equipment, or technologies to the DEPARTMENT. Prior written approval for any research or "test plots" must be obtained from the Maintenance Office along with submission of "test plot" monitoring reports showing results and conclusions.

Service Provider shall be responsible for providing for the spraying of, and disposal of all equipment, water, herbicides, drift control additives, non-ionic surfactants, dyes, waste products and material spill clean-up in accordance with all federal, state, and local laws and regulations.

Supply of water is the responsibility of the Service Provider. Water will not be supplied by the DEPARTMENT and no payment will be made for the acquisition or storage of water

Basis of billing shall be the pounds, ounces, or gallons of herbicide applied at the unit cost in the bid proposal. No payment will be made for any overhead associated with the acquisition, storage or use of herbicide other than as listed above in this paragraph.

Storage of materials shall not be allowed at any DEPARTMENT facility

Labor Requirements:

Service Provider shall employ a staff skilled in the application of herbicides with a minimum of three (3) years' experience in the operation of equipment as listed in Equipment, above. Service Provider shall ensure adequate and continuous supervision of all personnel during spraying operations and shall immediately remove from the project any employees determined to be negligent, careless, or incompetent upon written notification of same by the District Engineer. Service Provider shall insure all personnel conform to the Controlled Substance and Alcohol Use and Testing Program, 49 CFR part 382 with verification of enrollment and active participation provided upon request. Service Provider shall designate a spray crew member as the point of contact who shall be capable of contact with DEPARTMENT representatives at any time during spraying operations.

Safety:

Service Provider shall operate all vehicles in a safe and prudent manner, consistent with traffic laws and motoring public safety concerns. All equipment shall be parked a minimum of thirty (30) feet from roadway when not actively spraying. If equipment is parked outside of DEPARTMENT right-of-way, Service Provider shall be responsible for securing property owner approval and show proof thereof immediately to the DEPARTMENT upon request. Service Provider shall be responsible for providing all signs, cones, and flagmen, as required, for a moving operation in accordance with the Manual on Uniform Traffic Control Devices. In the event that traffic control measures are required the Service Provider shall submit a traffic control plan to the District Engineer affected and spraying operations will not commence until traffic control plan has been approved, in writing by the Engineer.

An impact attenuator truck will be necessary as a means of traffic control behind spray equipment on Interstate routes for safe movement of vehicles through spray zone. The Nevada Department of Transportation will NOT provide this equipment. The cost of the impact attenuator will be considered an overhead cost associated with Interstate spraying, no direct reimbursement shall be made for the cost of impact attenuators, which should be included in the unit cost for Interstate spraying in the proposal.

Billing Procedures:

Service Provider shall submit an invoice monthly to the District Engineer responsible for the areas sprayed. Invoice will address the number of acres sprayed, quantity and type of herbicide, and or pre-emergent applied, the unit cost for each item along with total extended costs. The spray log and raw data from data logger and GPS system shall be included with the invoice showing the following information:

- Date of Application
- Route
- Beginning and ending mileposts of spraying
- Wind speed and direction
- Temperature at time of spraying
- Chemical name
- Rate of chemical application per acre
- Total acres sprayed, for each chemical
- Total miles sprayed
- Total ounces for each chemical sprayed
- Actual width of swath sprayed, begin and end milepost of change

The Service Provider agreement will be for a four (4) year period. Prices bid will remain constant throughout the period of the agreement.

The DEPARTMENT reserves the right to cancel the Scope of Services and the agreement when budget constraints limit the funds available to pay the full extent of the agreement. The quantities specified are estimates only, the DEPARTMENT is not obligated to pay the full extent of the contract amount, if all necessary work is completed and the total dollar amount expended is less than the total amount of the awarded contract.

The provisions pertaining to wages and conditions of employment shall apply to all work performed by the SERVICE PROVIDER with his or her own organization and with the assistance of workmen under his or her immediate superintendence, and to all work performed on the agreement by subcontractors.

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation ("NDOT") to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting 'Other', provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the "Doing Business As" (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- ☐ Sole Proprietorship
☐ Partnership
☒ Limited Liability Company
☐ Corporation
☐ Trust
☐ Non-Profit Organization
☐ Other

2. Are you a publicly-traded corporation? ☐ Yes ☒ No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

0

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

URW, LLC dba United Right-of-Way

5. Corporate/Business Entity Street Address:

Street Address: 1502 W. Broadway Road	Website: www.unitedrightofway.com
City, State and Zip Code: Phoenix, AZ 85041	Point of Contact Name: Chris Testa
Telephone and Fax No. 602-248-7021 602-248-7049	Email: chris.testa@unitedrightofway.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Christopher Testa	General Manager	5%
Joseph Whalen	Manager	31.6
Steven Adams	Member	31.6
Daniel Nelson	Member	31.6

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the ***Definition*** section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

☐ Yes ☒ No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A	N/A	N/A	N/A

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


Signature

Chris Testa

Print Name

General Manager

9/18/2019

Title

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

☐ Yes ☐ No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name

Authorized NDOT Representative



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

October 4, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: October 14, 2019, Transportation Board of Directors Meeting
ITEM #9: Contracts, Agreements, and Settlements – Informational Item Only

Summary:

The purpose of this item is to inform the Board of the following:

- Construction contracts under \$5,000,000 awarded July 17, 2019, through September 11, 2019.
- Agreements under \$300,000 executed July 17, 2019, through September 11, 2019.
- Settlements entered into by the Department which were presented for approval to the Board of Examiners July 17, 2019, through September 11, 2019.

Any emergency agreements authorized by statute will be presented here as an informational item.

Background:

Pursuant to NRS 408.131(5), the Transportation Board has authority to “[e]xecute or approve all instruments and documents in the name of the State or Department necessary to carry out the provisions of the chapter”. Additionally, the Director may execute all contracts necessary to carry out the provisions of Chapter 408 of NRS with the approval of the board, except those construction contracts that must be executed by the chairman of the board. Other contracts or agreements not related to the construction, reconstruction, improvement and maintenance of highways must be presented to and approved by the Board of Examiners. This item is intended to inform the Board of various matters relating to the Department of Transportation but which do not require any formal action by the Board.

The Department contracts for services relating to the construction, operation and maintenance of the State’s multi-modal transportation system. Contracts listed in this item are all low-bid per statute and executed by the Governor in his capacity as Board Chairman. The projects are part of the STIP document approved by the Board. In addition, the Department negotiates settlements with contractors, property owners, and other parties to resolve disputes. These proposed settlements are presented to the Board of Examiners, with the support and advisement of the Attorney General’s Office, for approval. Other matters included in this item would be any emergency agreements entered into by the Department during the reporting period.

The attached construction contracts constitute all that were awarded for construction from July 17, 2019, through September 11, 2019 and agreements executed by the Department from July 17, 2019, through September 11, 2019. There is one settlement during the reporting period.

Analysis:

These contracts have been executed following the Code of Federal Regulations, Nevada Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachments:

- A) State of Nevada Department of Transportation Contracts Awarded – Under \$5,000,000, July 17, 2019, through September 11, 2019.
- B) State of Nevada Department of Transportation Executed Agreements – Informational, July 17, 2019, through September 11, 2019.
- C) State of Nevada Department of Transportation Settlements – Informational, July 17, 2019, through September 11, 2019.

Recommendation for Board Action: Informational item only

Prepared by: Administrative Services Division

Attachment A

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
CONTRACTS AWARDED - INFORMATIONAL
July 17, 2019, through September 11, 2019

1. June 27, 2019 at 2:00 PM the following bids were opened for Contract **3786**, Project No. SPF-95A-1(024), on US 95A, in Lyon County, to scrub seal and chip seal.

Sierra Nevada Construction, Inc.....\$1,594,007.00
Intermountain Slurry Seal, Inc.\$1,741,741.00

Engineer's Estimate\$1,399,534.65

The Director awarded the contract on July 19, 2019, to Sierra Nevada Construction, Inc. in the amount of \$1,594,007.00.

2. June 27, 2019 at 2:30 PM the following bids were opened for Contract **3785**, Project No. SPSR-0425(001), on SR 425 and SR 647, in Washoe County, to slurry seal.

Sierra Nevada Construction, Inc.....\$534,007.00

Engineer's Estimate\$574,268.82

The Director awarded the contract on July 18, 2019, to Sierra Nevada Construction, Inc. in the amount of \$534,007.00.

3. June 27, 2019 at 3:00 PM the following bids were opened for Contract **3787**, Project No. SPF-95A-1(025), on US 95A, in Mineral County, to scrub seal.

Sierra Nevada Construction, Inc..... \$1,064,007.00
Intermountain Slurry Seal, Inc. \$1,234,234.00
VSS International, Inc. \$1,266,120.00

Engineer's Estimate \$836,088.47

The Director awarded the contract on July 18, 2019, to Sierra Nevada Construction, Inc. in the amount of \$1,064,007.00.

4. July 11, 2019 at 1:30 PM the following bids were opened for Contract **3784**, Project No. NHP-0278(007), on SR 278, over a slough, north of Eureka, in Eureka County, to replace Structure B-478.

Road and Highway Builders LLC \$898,898.00
MKD Construction, Inc. \$959,999.00
Granite Construction Company \$1,205,205.00

Engineer's Estimate \$671,603.65

The Director awarded the contract on August 2, 2019, to Road and Highway Builders LLC in the amount of \$898,898.00.

5. July 11, 2019 at 2:00 PM the following bids were opened for Contract **804-19**, Project No. SP-000M(068), at the Carson City Maintenance Station, in Carson City County, the replacement of heating boilers.

Desert Boilers & Controls Inc.....	\$589,595.00
D & D Plumbing, Inc.	\$606,765.00
Gardner Engineering, Inc.....	\$654,211.00

Engineer's Estimate \$334,813.00

The Director awarded the contract on July 30, 2019, to Desert Boilers & Controls Inc. in the amount of \$589,595.00.

6. July 18, 2019 at 1:30 PM the following bids were opened for Contract **805-19**, Project No. SP-MS-1212(007), at the Tonopah Maintenance Station in Nye County, for construction of the vehicle storage bay enclosures.

MGM Construction, Inc.	\$296,000.00
Simerson Construction LLC	\$413,690.00

Engineer's Estimate \$295,632.00

The Director awarded the contract on July 24, 2019, to MGM Construction, Inc. in the amount of \$296,000.00.

7. August 8, 2019 at 1:30 PM the following bids were opened for Contract **807-19**, Project No. SP-000M(283), at the Wendover, Emigrant Pass, and Fernley Maintenance Stations, in Elko, Eureka, and Lyon Counties, to upgrade the fuel station, excavation, concrete, asphalt, and electrical work.

Bramco Construction Corporation	\$1,259,447.00
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Engineer's Estimate \$835,000.00

The Director awarded the contract on August 19, 2019, to Bramco Construction Corporation in the amount of \$1,259,447.00.

8. August 16, 2019 at 1:00 PM the following bids were opened for Contract **3793**, Project No. SP-000M(064)A, on I-215 Las Vegas, from Gibson Rd to Stephanie St. and SR 564 from Boulder Hwy to Lake Las Vegas Pkwy., in Clark County, for ADA remediation, construct new sidewalks and ADA ramps.

MC4 Construction LLC	\$542,867.20
Unicon, LLC	\$547,343.93
Las Vegas Paving Corporation	\$550,955.32
CMMCM LLC DBA Muller Construction	\$553,279.90
NVNJ Construction Group – Deemed Non-Responsive	

Engineer's Estimate \$417,721.62

The Director awarded the contract on August 21, 2019, to MC4 Construction LLC in the amount of \$542,867.20.

August 2019 Emergency Contract

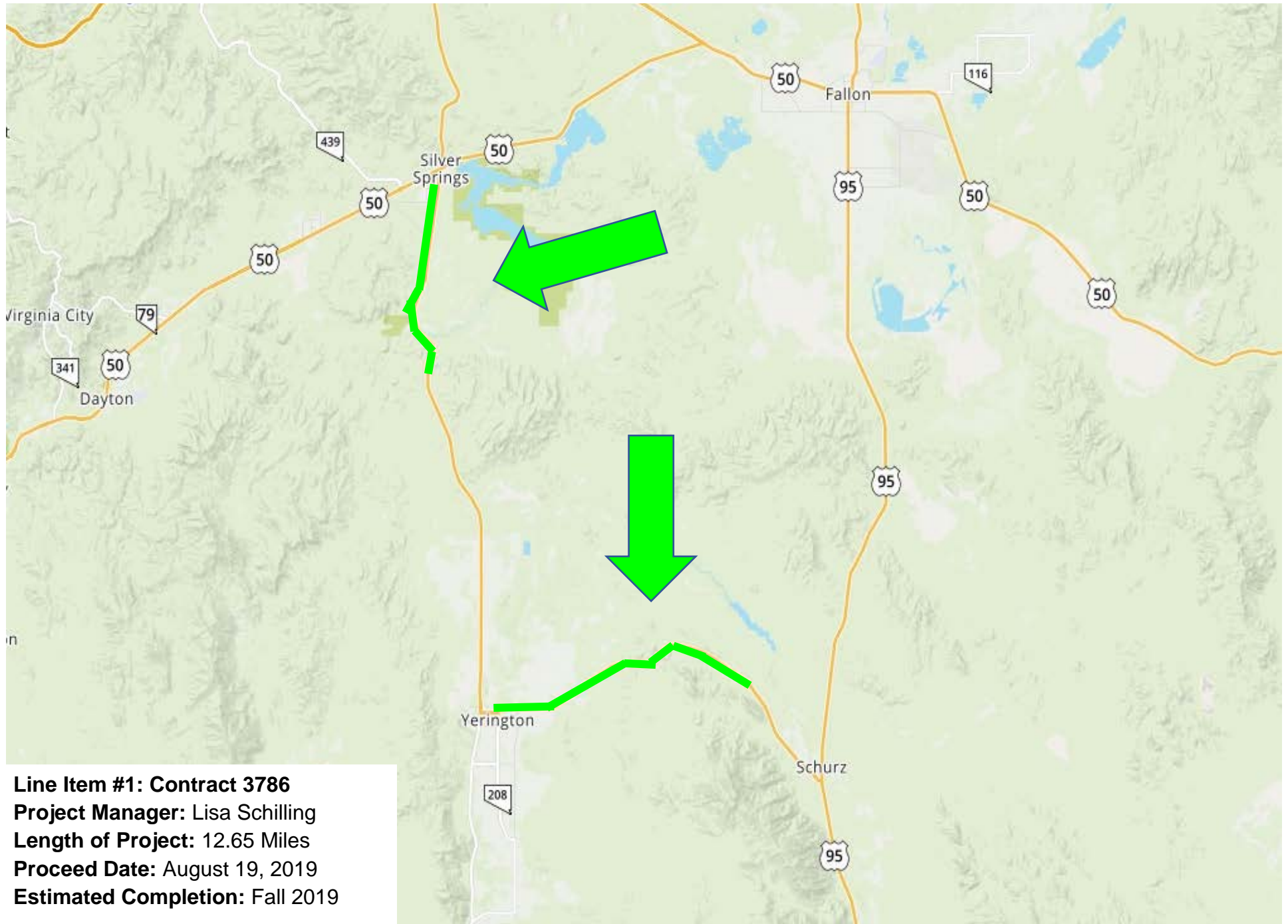
District II had the following emergency contract on SR 28 and SR 431 involving various locations for 3" mill and fill. Both routes have locations with severe potholing, cracking, and road deterioration. While many state routes in Nevada have potholes, these are narrow, curvilinear mountain roadways with high water tables and freeze thaw damage. Our cold-mix patching strategies are ineffective and the safety implications for motorists, motorcycles and bicycles are significant given a lack of shoulders to accommodate maneuvering room. It is critical that we affect permanent patches before we experience winter weather.

9. August 28, 2019 at 3:00 PM the following bids were opened for Contract **809-19**, on SR 28, Incline Village and SR 431, Mount Rose Highway southbound, in Washoe County, for emergency repairs at various locations due to severe potholing, cracking, and road deterioration.

Sierra Nevada Construction	\$284,007.00
Q & D Construction	\$390,125.00
Granite Construction	\$398,398.00
A & K Earth Movers.....	\$542,867.20

Engineer's Estimate..... \$512,374.00

The Director awarded the Emergency Contract on August 28, 2019, to Sierra Nevada Construction, Inc. in the amount of \$284,007.00.



Line Item #1: Contract 3786
Project Manager: Lisa Schilling
Length of Project: 12.65 Miles
Proceed Date: August 19, 2019
Estimated Completion: Fall 2019



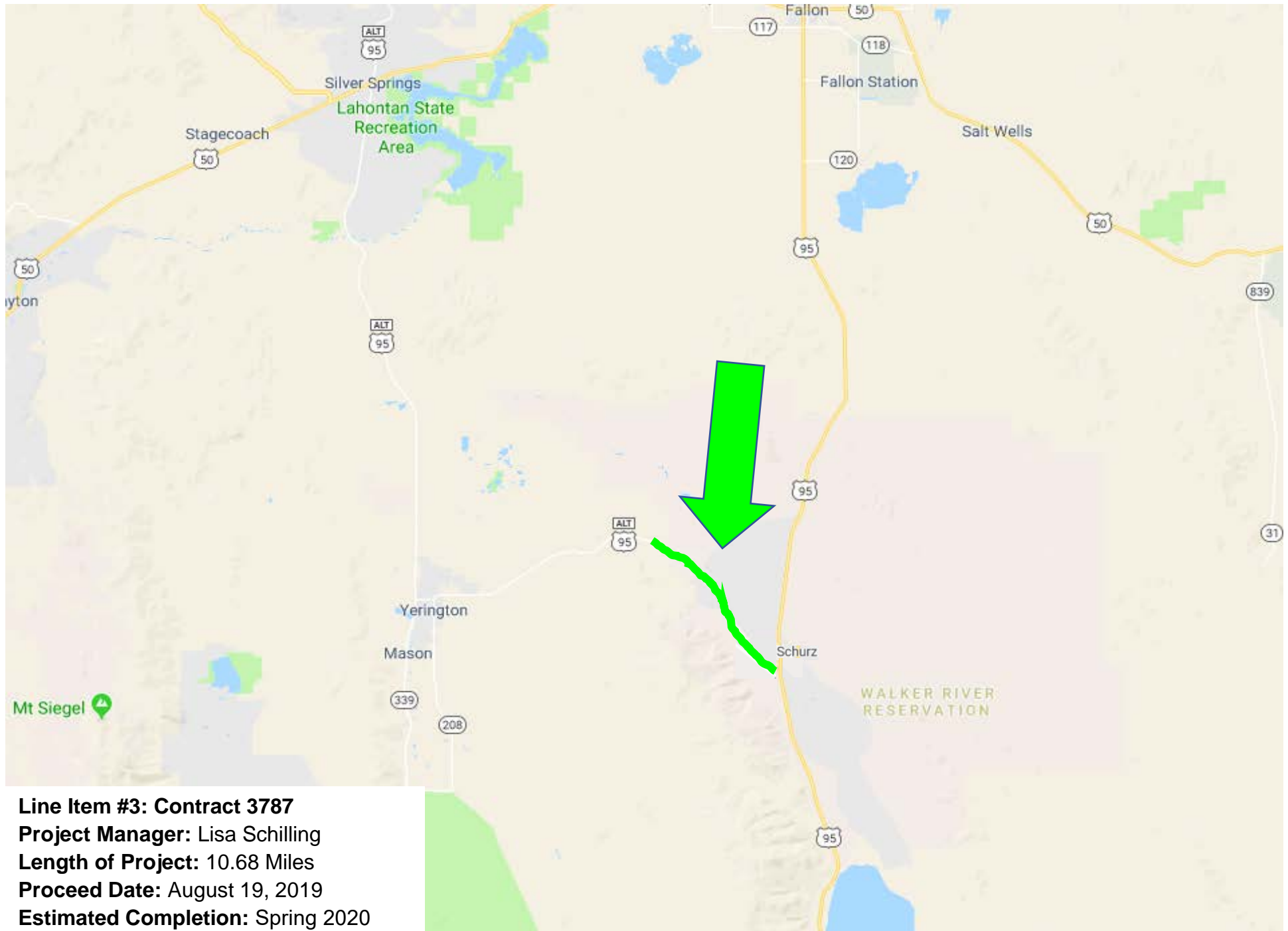
Line Item #2: Contract 3785

Project Manager: Lisa Schilling

Length of Project: 6.49 miles

Proceed Date: August 19, 2019

Estimated Completion: Fall 2019



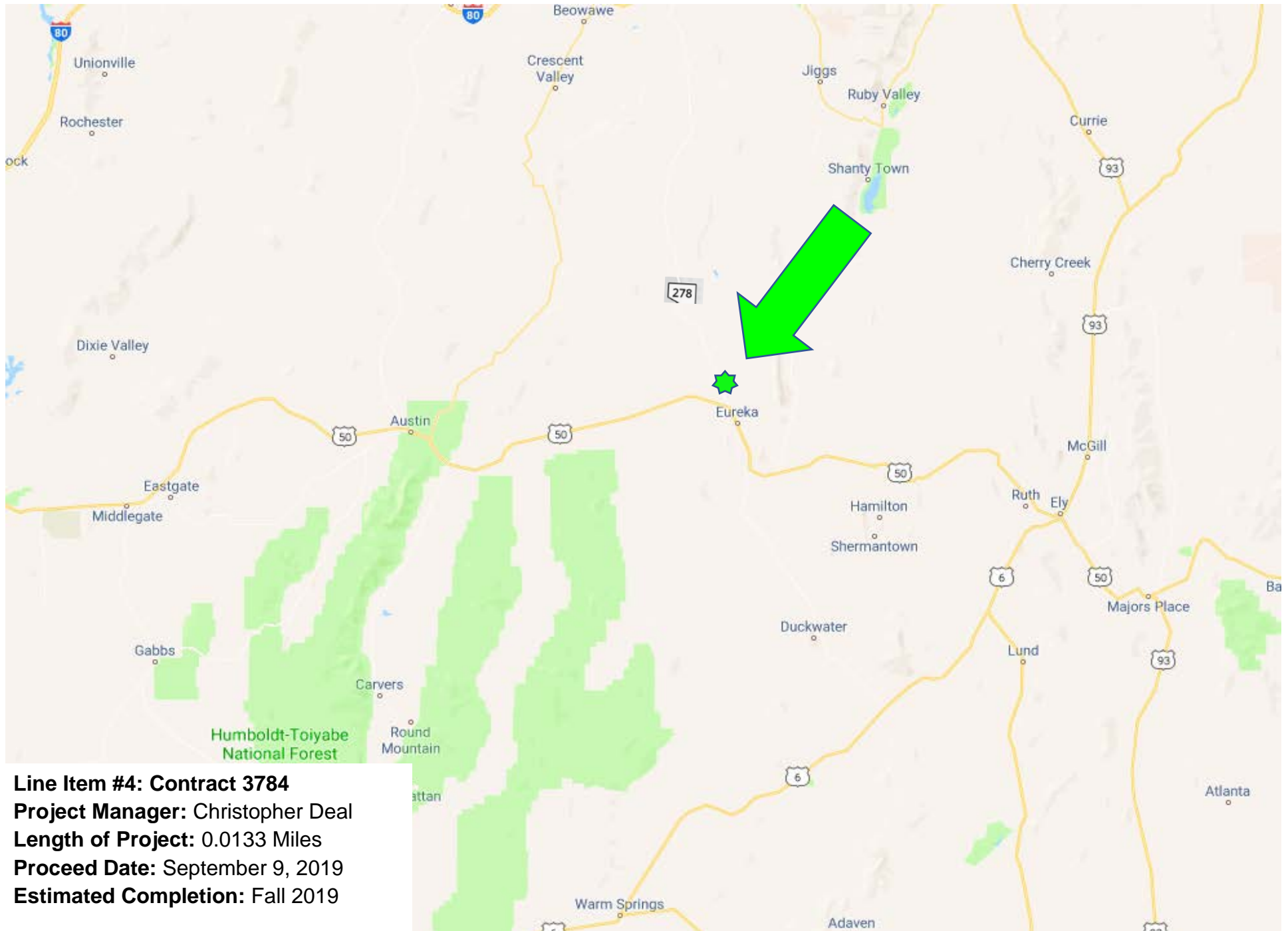
Line Item #3: Contract 3787

Project Manager: Lisa Schilling

Length of Project: 10.68 Miles

Proceed Date: August 19, 2019

Estimated Completion: Spring 2020



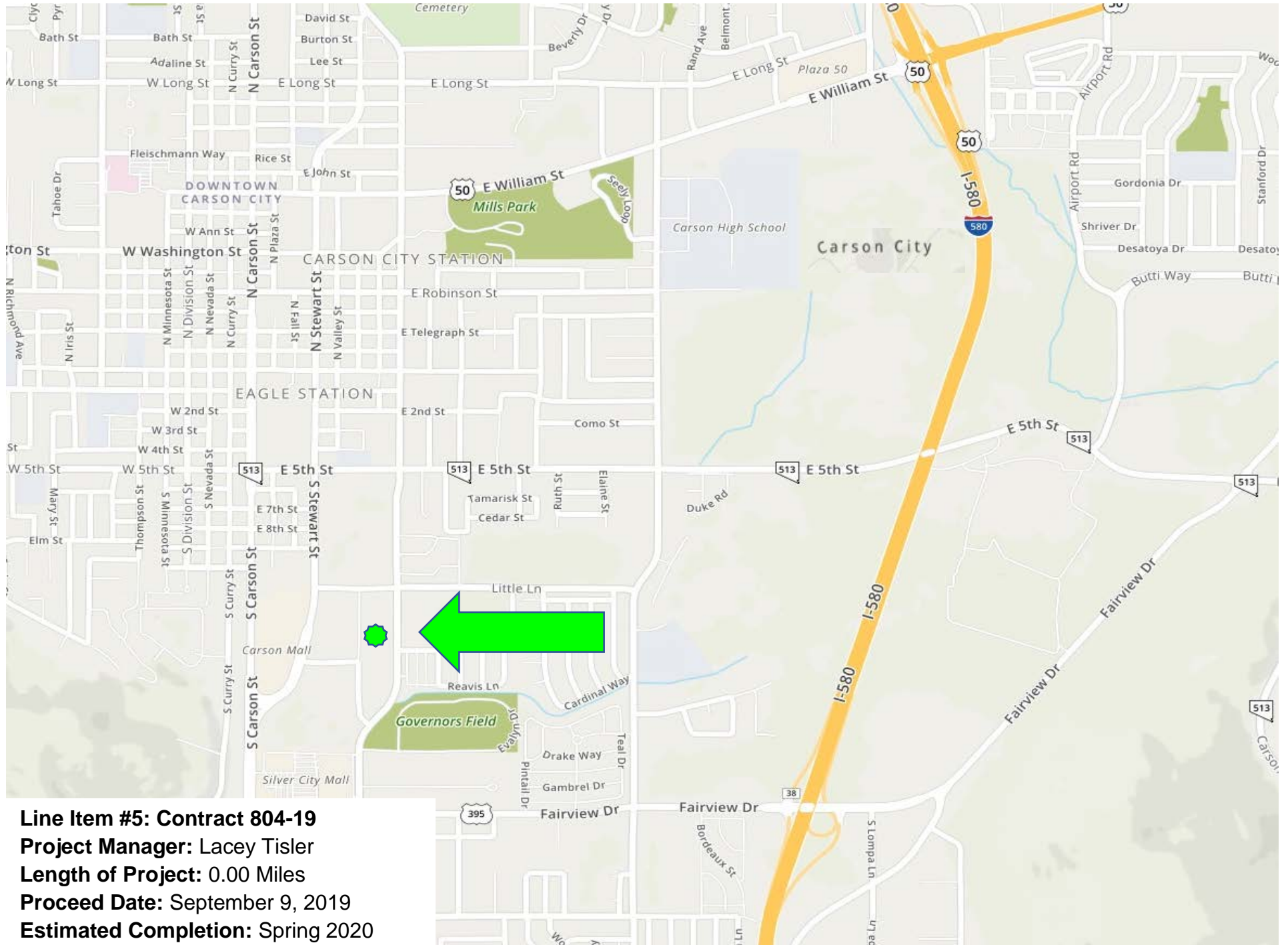
Line Item #4: Contract 3784

Project Manager: Christopher Deal

Length of Project: 0.0133 Miles

Proceed Date: September 9, 2019

Estimated Completion: Fall 2019



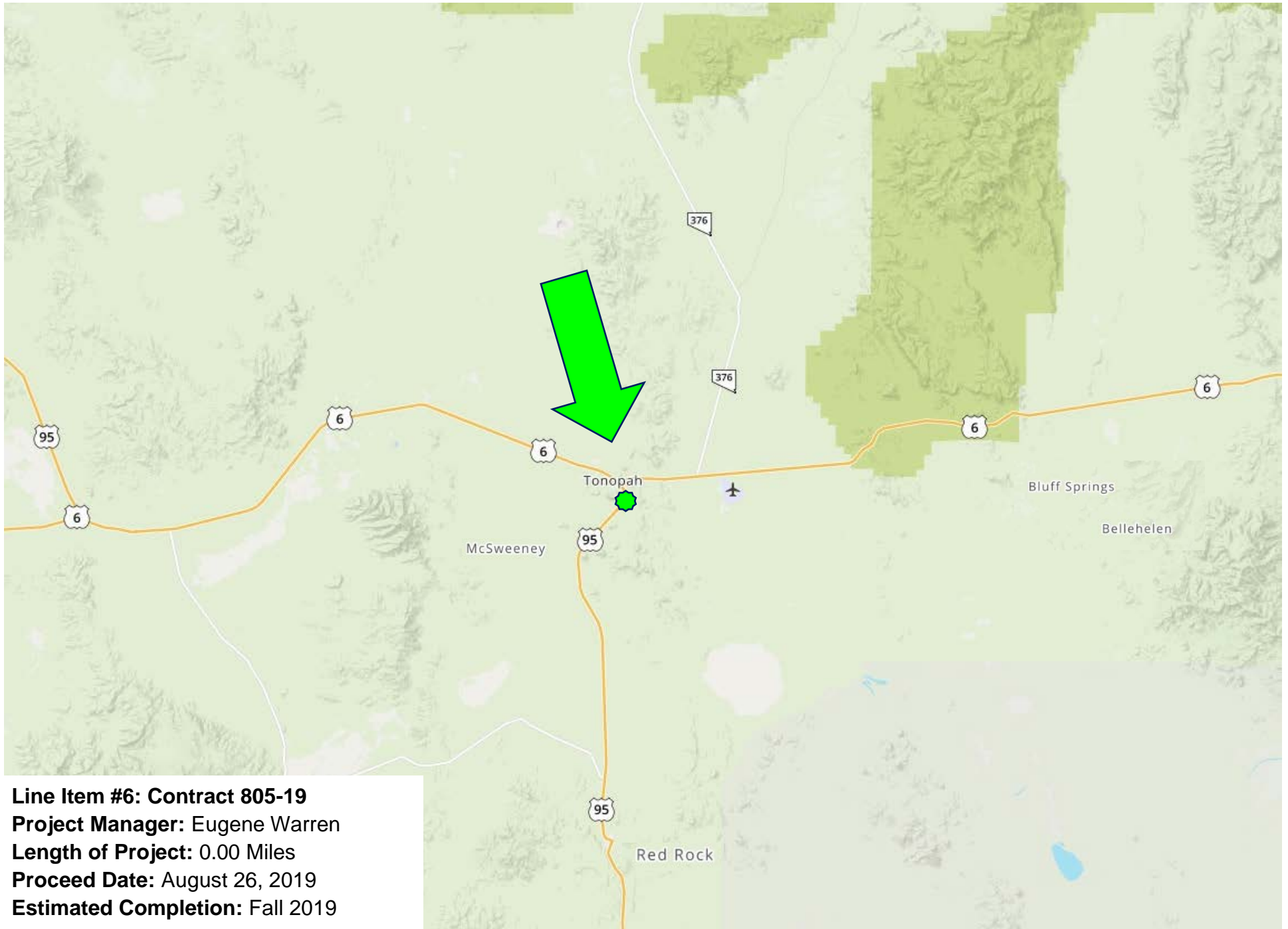
Line Item #5: Contract 804-19

Project Manager: Lacey Tisler

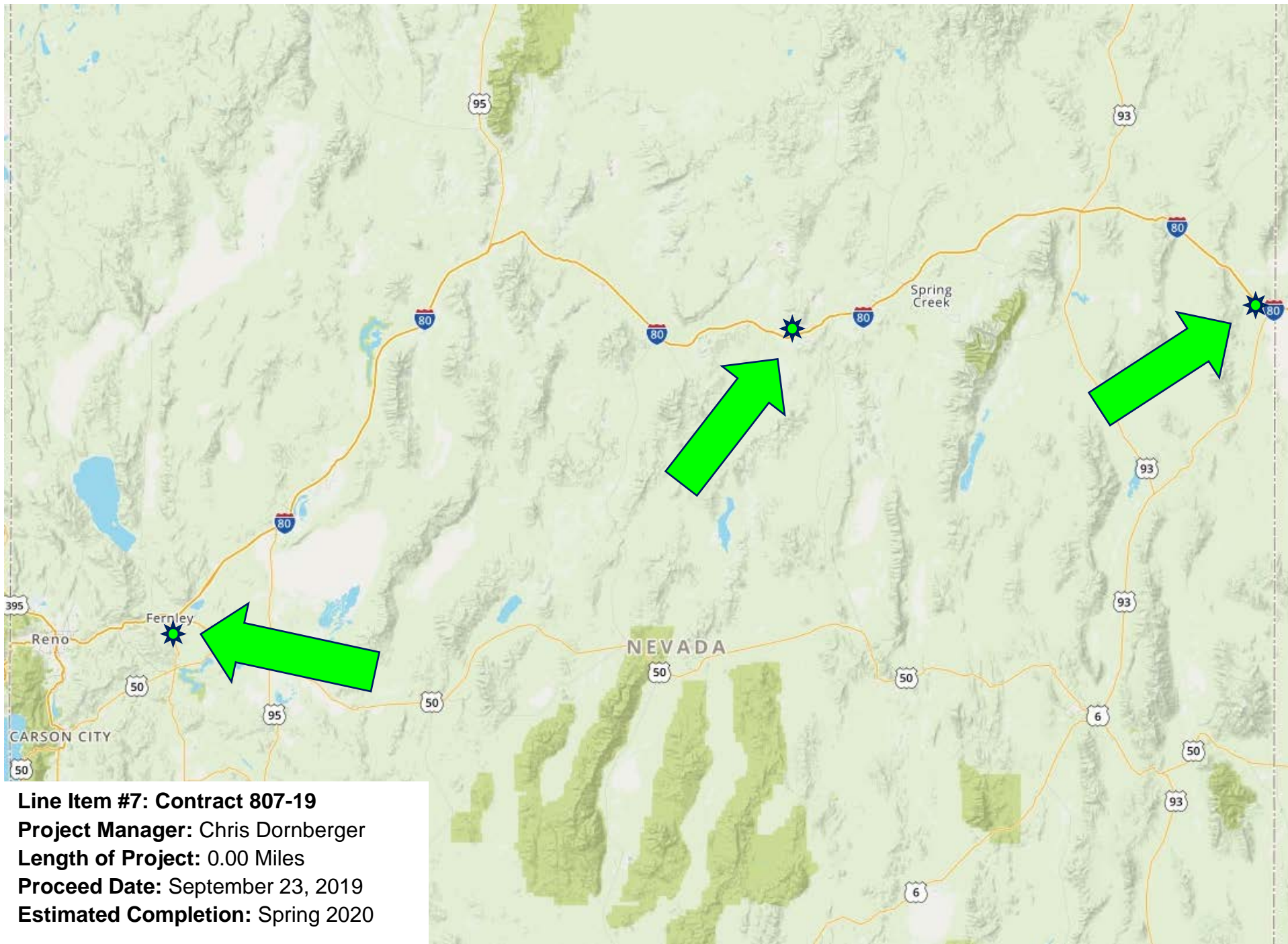
Length of Project: 0.00 Miles

Proceed Date: September 9, 2019

Estimated Completion: Spring 2020



Line Item #6: Contract 805-19
Project Manager: Eugene Warren
Length of Project: 0.00 Miles
Proceed Date: August 26, 2019
Estimated Completion: Fall 2019



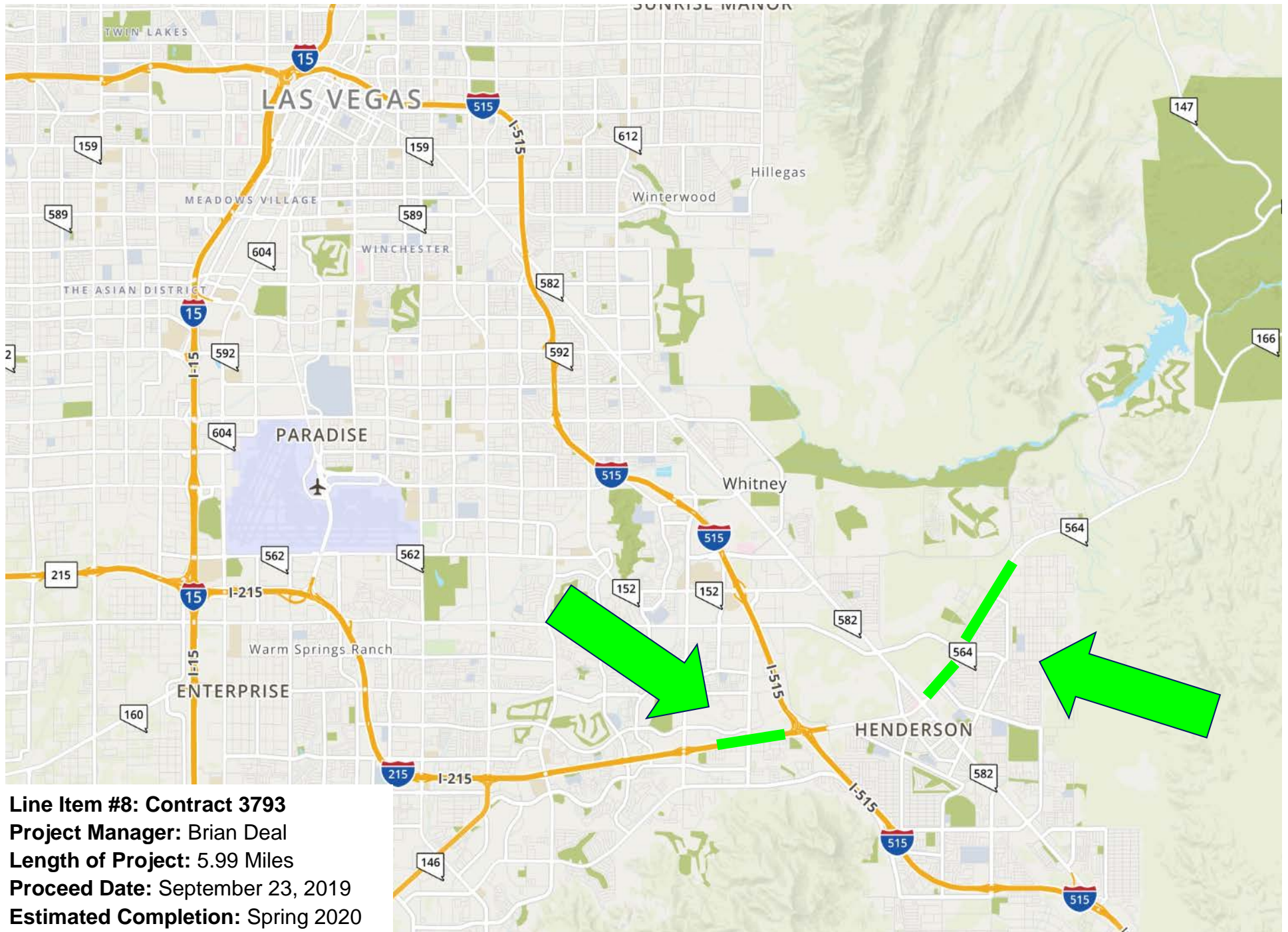
Line Item #7: Contract 807-19

Project Manager: Chris Dornberger

Length of Project: 0.00 Miles

Proceed Date: September 23, 2019

Estimated Completion: Spring 2020



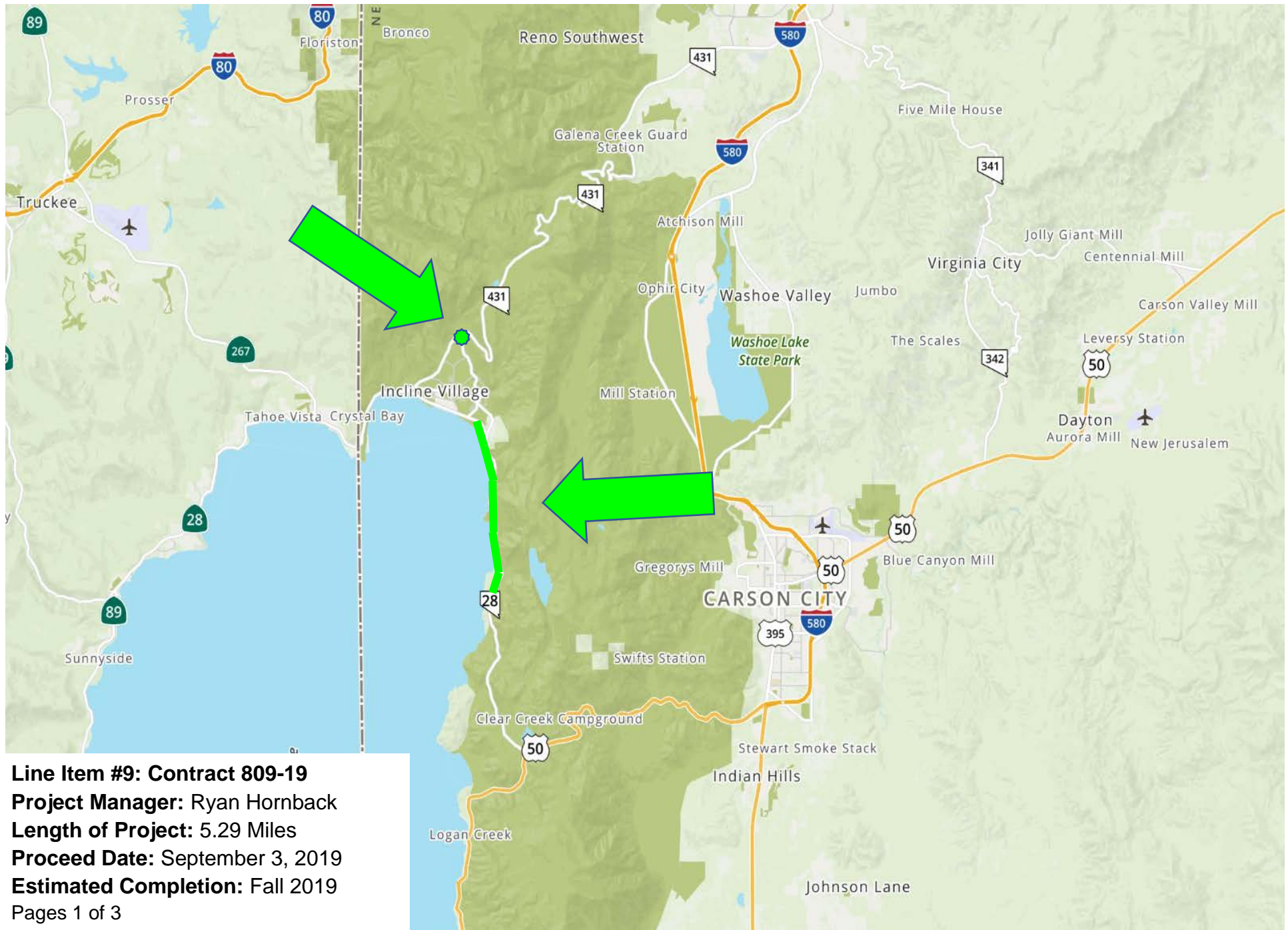
Line Item #8: Contract 3793

Project Manager: Brian Deal

Length of Project: 5.99 Miles

Proceed Date: September 23, 2019

Estimated Completion: Spring 2020



Line Item #9: Contract 809-19

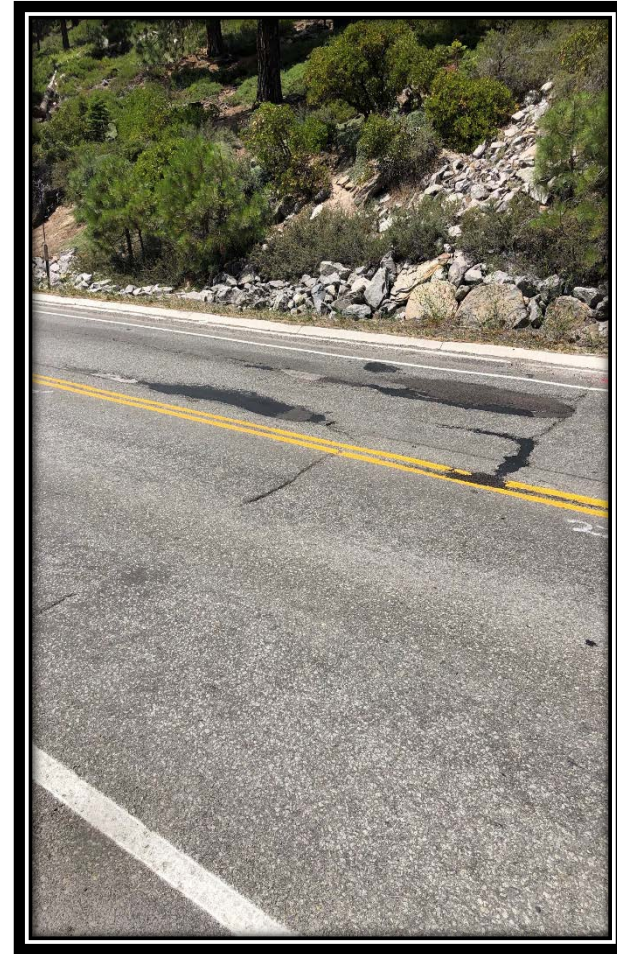
Project Manager: Ryan Hornback

Length of Project: 5.29 Miles

Proceed Date: September 3, 2019

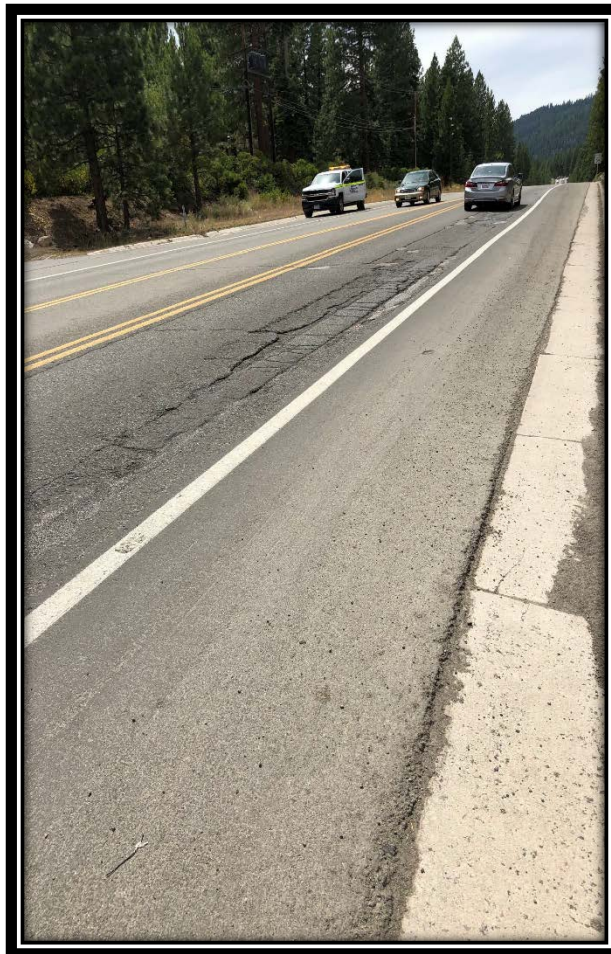
Estimated Completion: Fall 2019

Pages 1 of 3



Line Item #9: Contract 809-19

Pages 2 of 3



Line Item #9: Contract 809-19

Pages 3 of 3

Attachment B

State of Nevada Department of Transportation
Executed Agreements - Informational
July 17, 2019 through September 11, 2019

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
1	45119	00	FIRST CENTENNIAL TITLE COMPANY	PERMANENT EASEMENT	Y	1,000.00	-	-	1,000.00	-	08/02/2019	07/31/2024	-	Acquisition	Right-of-Way	Cliff	Jessica	08-02-19: PERMANENT EASEMENT OF PARCEL S-828-LY-001.732PE1 FOR CONSTRUCTION AND MAINTENANCE OF A MULTI-USE PATH, LYON COUNTY. NV B/L#: EXEMPT
2	55119	00	FIRST CENTENNIAL TITLE COMPANY	PERMANENT EASEMENT	Y	1,775.00	-	-	1,775.00	-	08/15/2019	08/15/2024	-	Acquisition	Right-of-Way	Cliff	Jessica	08-15-19: PERMANENT EASEMENT ON PARCEL S-828-LY-001.709PE1 FOR CONSTRUCTION AND MAINTENANCE OF A MULTI-USE PATH, LYON COUNTY. NV B/L#: EXEMPT
3	46619	00	HEYBOURNE MEADOWS I, LLC	PERMANENT EASEMENT	Y	1,000.00	-	-	1,000.00	-	08/14/2019	08/14/2024	-	Acquisition	Right-of-Way	Cliff	Jessica	08-14-19: PERMANENT EASEMENT OF PARCEL 1320-33-213-019 FOR PLACEMENT OF FIBER OPTIC FACILITIES, DOUGLAS COUNTY. NV B/L#: EXEMPT
4	39119	00	NEVADA NATURAL HERITAGE PROGRAM	ENDANGERED SPECIES DATABASE	N	1,643,487.00	-	-	1,643,487.00	-	07/30/2019	06/30/2021	-	Cooperative	Environmental Services	Cliff	Chris	07-30-19: DEVELOP AND MAINTAIN A COST-EFFECTIVE, CENTRAL INFORMATION SOURCE AND INVENTORY OF THE LOCATIONS, BIOLOGY, AND CONSERVATION STATUS OF NEVADA'S THREATENED, ENDANGERED, RARE, AND AT-RISK PLANTS AND ANIMALS, FOCUSING ON THOSE THAT ARE AT GREATER RISK OF EXTINCTION OR SERIOUS DECLINE. NEVADA NATURAL HERITAGE PROGRAM (NNHP) SERVES THE CITIZENS OF NEVADA AS THE "EARLY WARNING SYSTEM," PROVIDING HIGH-QUALITY INFORMATION EARLY IN PLANNING PROCESSES TO INFORM LAND-USE DECISIONS, MINIMIZE COSTLY RESOURCE CONFLICTS, AND PROTECT THE STATE'S BIODIVERSITY. NNHP WILL PROVIDE AN INDEPENDENT, SCIENTIFICALLY RIGOROUS, AND UNBIASED SOURCE OF BIOLOGICAL AND CONSERVATION INFORMATION ON SENSITIVE PLANTS AND ANIMALS AS IT RELATES TO NDOT'S PROJECTS, STATEWIDE. NV B/L#: EXEMPT
5	27819	00	RENO SPARKS INDIAN COLONY	ROLES AND RESPONSIBILITIES	N	50,000.00	-	-	50,000.00	-	08/13/2019	12/31/2023	-	Cooperative	Project Management	Cliff	Nick	08-13-19: ESTABLISHES ROLES AND RESPONSIBILITIES AND TO REIMBURSE RENO SPARKS INDIAN COLONY FOR DEMOLITIONS COSTS OF A STRUCTURE ASSOCIATED WITH THE CONSTRUCTION AND MAINTENANCE OF THE SPAGHETTI BOWL XPRESS (SBX) FOR A SOUND WALL, WASHOE COUNTY. NV B/L#: EXEMPT
6	31619	00	WILLEY LAND, LLC	STEAMBOAT CREEK RESTORATION	N	61,000.00	-	-	61,000.00	-	07/23/2019	12/31/2020	-	Developer	Roadway Design	Cliff	Scott	07-23-19: PLAN, PERMIT, DESIGN AND IMPLEMENT A STREAMBOAT RESTORATION AND RELOCATION PROJECT ON STEAMBOAT CREEK ALONG US 395A IN PLEASANT VALLEY, WASHOE COUNTY. NV B/L#: NVD20161695775
7	55819	00	AT&T	ADJUSTMENT OF UTILITY FACILITIES	Y	33,281.07	-	-	33,281.07	-	08/21/2019	08/21/2024	-	Facility	Right-of-Way	Cliff	Jessica	08-21-19: ADJUSTMENTS TO UTILITY FACILITIES, INCLUDING DETACHMENT AND RELOCATION OF JOINTLY-OWNED POLES IN THE COURSE OF CONSTRUCTION OF A SOUND WALL ON RENO SPARKS INDIAN COLONY PROPERTY, WASHOE COUNTY. NV B/L#: NVD19131000017
8	62313	02	AT&T	ADJUSTMENT OF UTILITY FACILITIES	Y	2,313,000.00	540,642.56	74,603.43	2,929,245.99	-	12/30/2013	12/30/2024	08/14/2019	Facility	Right-of-Way	Cliff	Jessica	AMD 2 08-14-19: INCREASE AUTHORITY BY \$74,603.43 FROM \$2,853,642.56 TO \$2,929,245.99 DUE TO NATURALLY OCCURRING ASBESTOS CAUSING A DELAY AND REALLOCATIONS OF UTILITIES. AMD 1 07-07-16: INCREASE AUTHORITY BY \$540,642.56, FROM \$2,313,000.00 TO \$2,853,642.56 DUE TO ADJUSTMENT TO UTILITY FACILITIES CAUSED BY NATURALLY OCCURRING ASBESTOS. 12-30-13: ADJUSTMENT OF UTILITY FACILITIES DUE TO NDOT PROJECT IMPACTS, CLARK COUNTY. NV B/L#: NVF19711002665
9	37319	00	CITY OF MESQUITE	MANHOLE AND VALVE COVERS	N	2,200.00	-	-	2,200.00	-	07/16/2019	07/31/2024	-	Facility	Right-of-Way	Cliff	Jessica	07-16-19: ADJUSTMENT OF TWO MANHOLE AND VALVE COVERS LOCATED ON I-15, CLARK COUNTY. NV B/L#: NVD20161413641
10	42919	00	NV ENERGY	LINE EXTENSION	N	7,423.00	-	-	7,423.00	-	08/15/2019	08/15/2024	-	Facility	Right-of-Way	Cliff	Jessica	08-15-19: LINE EXTENSION AGREEMENT AT THE INTERSECTION OF HIGHLAND DRIVE AND EAST WINNEMUCCA BOULEVARD TO ADD LIGHTING AND PEDESTRIAN FLASHERS AS PART OF PROJECT SP-000M(076), HUMBOLDT COUNTY. NV B/L#: NVD19831015840
11	30719	00	BREAKAWAY CYCLING	BICYCLE SAFETY EDUCATION	N	2,000.00	-	-	2,000.00	-	08/05/2019	08/05/2020	-	Grantee	Planning	Sondra	Mark	08-05-19: INITIATION, PROMOTION, AND SUPPORT OF THE BICYCLE AND PEDESTRIAN SAFETY AND EDUCATION PROGRAMS IN NEVADA AND GRANTS FOR COMMUNITY-BASED BICYCLE AND PEDESTRIAN PROJECTS AND PROGRAMS, CLARK COUNTY. NV B/L#: EXEMPT
12	30819	00	CARSON CITY SCHOOL FOUNDATION	BICYCLE SAFETY EDUCATION	N	2,000.00	-	-	2,000.00	-	08/06/2019	08/06/2020	-	Grantee	Planning	Sondra	Mark	08-06-19: INITIATION, PROMOTION, AND SUPPORT OF THE BICYCLE AND PEDESTRIAN SAFETY AND EDUCATION PROGRAMS IN NEVADA AND GRANTS FOR COMMUNITY-BASED BICYCLE AND PEDESTRIAN PROJECTS AND PROGRAMS, CARSON CITY. NV B/L#: EXEMPT
13	39219	00	CITY OF MESQUITE	FEDERAL AVIATION GRANT	N	6,707.40	-	-	6,707.40	-	07/25/2019	09/30/2019	-	Grantee	Planning	Sondra	Mark	07-25-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0031-016-2017) TO CONSTRUCT A PERIMETER FENCE AND WALL AROUND THE MESQUITE AIRPORT, CLARK COUNTY. NV B/L#: EXEMPT
14	39419	00	CITY OF MESQUITE	FEDERAL AVIATION GRANT	N	845.90	-	-	845.90	-	07/24/2019	09/30/2019	-	Grantee	Planning	Sondra	Mark	07-24-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0031-015-2016) TO CONSTRUCT A PERIMETER FENCE AND WALL AROUND THE MESQUITE AIRPORT, CLARK COUNTY. NV B/L#: EXEMPT
15	40319	00	CITY OF WINNEMUCCA	FEDERAL AVIATION GRANT	N	7,128.38	-	-	7,128.38	-	08/08/2019	10/31/2019	-	Grantee	Planning	Sondra	Mark	08-08-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0021-023-2016) TO CONSTRUCT TAXIWAY ECHO AT THE WINNEMUCCA AIRPORT, HUMBOLDT COUNTY. NV B/L#: EXEMPT
16	40919	00	CITY OF WINNEMUCCA	FEDERAL AVIATION GRANT	N	12,995.32	-	-	12,995.32	-	08/08/2019	10/31/2019	-	Grantee	Planning	Sondra	Mark	08-08-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0021-024-2017) TO CONSTRUCT TAXIWAY ECHO AT THE WINNEMUCCA AIRPORT, HUMBOLDT COUNTY. NV B/L#: EXEMPT
17	48219	00	ELKO COUNTY	FEDERAL AVIATION GRANT	N	3,572.62	-	-	3,572.62	-	08/19/2019	11/30/2019	-	Grantee	Planning	Sondra	Mark	08-19-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0024-013-2017) FOR PAVEMENT REHABILITATION AND REPAIRS AT THE JACKPOT AIRPORT, ELKO COUNTY. NV B/L#: EXEMPT
18	39519	00	LANDER COUNTY	FEDERAL AVIATION GRANT	N	5,944.89	-	-	5,944.89	-	08/02/2019	09/30/2019	-	Grantee	Planning	Sondra	Mark	08-02-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0001-027-2018) TO RECONFIGURE THE BATTLE MOUNTAIN AIRPORT TAXIWAY AND RUNWAY GEOMETRY, LANDER COUNTY. NV B/L#: EXEMPT

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
19	41819	00	LINCOLN COUNTY	FEDERAL AVIATION GRANT	N	5,706.99	-	-	5,706.99	-	08/08/2019	10/31/2019	-	Grantee	Planning	Sondra	Mark	08-08-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0034-009-2017) TO REHABILITATE, STRIPE, AND RE-MARK AIRPORT PAVEMENTS AT THE ALAMO LANDING FIELD AIRPORT, LINCOLN COUNTY. NV B/L#: EXEMPT
20	41919	00	LINCOLN COUNTY	FEDERAL AVIATION GRANT	N	757.06	-	-	757.06	-	08/08/2019	10/31/2019	-	Grantee	Planning	Sondra	Mark	08-08-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0034-011-2018) TO REHABILITATE, STRIPE, AND RE-MARK AIRPORT PAVEMENTS AT THE ALAMO LANDING FIELD AIRPORT, LINCOLN COUNTY. NV B/L#: EXEMPT
21	39919	00	LYON COUNTY	FEDERAL AVIATION GRANT	N	988.00	-	-	988.00	-	08/13/2019	09/30/2019	-	Grantee	Planning	Sondra	Mark	08-13-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0023-018-2016) TO REHABILITATE THE APRON AND MAIN TAXIWAY PAVEMENT AT THE SILVER SPRINGS AIRPORT, LYON COUNTY. NV B/L#: EXEMPT
22	40019	00	MINERAL COUNTY	FEDERAL AVIATION GRANT	N	478.33	-	-	478.33	-	07/24/2019	10/31/2019	-	Grantee	Planning	Sondra	Mark	07-24-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0009-016-2017) TO CONSTRUCT AND INSTALL APPROACH LIGHTING SYSTEM AT THE HAWTHORNE INDUSTRIAL AIRPORT, MINERAL COUNTY. NV B/L#: EXEMPT
23	40119	00	MINERAL COUNTY	FEDERAL AVIATION GRANT	N	665.06	-	-	665.06	-	07/24/2019	09/30/2019	-	Grantee	Planning	Sondra	Mark	07-24-19: FEDERAL AVIATION ADMINISTRATION (FAA) AIRPORT IMPROVEMENT PROJECT (AIP) GRANT (3-32-0009-013-2016) TO CONSTRUCT AND INSTALL APPROACH LIGHTING SYSTEM AT THE HAWTHORNE INDUSTRIAL AIRPORT, MINERAL COUNTY. NV B/L#: EXEMPT
24	30119	00	CARSON AREA METROPOLITAN PLANNING ORGANIZATION	TRANSPORTATION SYSTEM MANAGEMENT PLAN	Y	684,211.00	-	-	684,211.00	-	08/08/2019	06/30/2022	-	Interlocal	Planning	Sondra	Mark	08-08-19: MANAGE THE DEVELOPMENT OF A TRANSPORTATION SYSTEM MANAGEMENT PLAN (TSMP) THAT ESTABLISHES COMMONLY HELD OPERATIONS AND MANAGEMENT OBJECTIVES AND SERVES AS AN ASSET MANAGEMENT PLAN THAT WILL RESULT IN IMPROVED TRANSPORTATION SYSTEM PERFORMANCE, CARSON CITY, DOUGLAS, LYON, STOREY AND WASHOE COUNTIES. NV B/L# EXEMPT
25	47619	00	ESMERALDA COUNTY SHERIFF	UPGRADE CRASH DATA EQUIPMENT	Y	20,490.00	-	-	20,490.00	-	10/01/2019	09/30/2020	-	Interlocal	Planning	Sondra	Fred	10-01-19: UPGRADE CRASH DATA EQUIPMENT TO IMPROVE DATA COLLECTION AND ANALYSIS, ESMERALDA COUNTY. NV B/L#: EXEMPT
26	45419	00	CREE'S TRAILER PARK	MAINTENANCE/CLEAN-UP	N	4,000.00	-	-	4,000.00	-	08/07/2019	08/31/2027	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-07-19: ACCESS TO PROPERTY AT 701 STATE HWY 164 TO PERFORM MAINTENANCE AND CLEAN-UP OF SEDIMENT BUILD-UP DUE TO ALTERED FLOW CONDITIONS, CLARK COUNTY. NV B/L#: EXEMPT
27	45219	00	FIRST CENTENNIAL TITLE COMPANY	TEMPORARY EASEMENT	Y	1,000.00	-	-	1,000.00	-	08/08/2019	02/28/2023	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-08-19: TEMPORARY EASEMENT OF PARCEL S-828-LY-001.873TE1 FOR CONSTRUCTION PURPOSES, LYON COUNTY. NV B/L#: EXEMPT
28	45319	00	FIRST CENTENNIAL TITLE COMPANY	TEMPORARY EASEMENT	Y	1,580.00	-	-	1,580.00	-	08/07/2019	08/07/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-07-19: TEMPORARY EASEMENT OF PARCEL S-828-LY-001.720PE1 FOR CONSTRUCTION PURPOSES, LYON COUNTY. NV B/L#: EXEMPT
29	28919	00	ASSOCIATED GENERAL CONTRACTORS	WORKFORCE DEVELOPMENT TRAINING	N	40,000.00	-	-	40,000.00	-	07/31/2019	06/30/2020	-	Service Provider	Contract Compliance	Tracy	Sonnie	07-31-19: CONSTRUCTION WORKFORCE DEVELOPMENT TRAINING THAT WILL INCLUDE DISADVANTAGED BUSINESS ENTERPRISES, SMALL BUSINESS ENTERPRISES AND WILL COVER OSHA AND FLAGGING TRAINING, CARSON CITY, WASHOE AND ELKO COUNTIES. NV B/L#: EXEMPT
30	28819	00	ATM ELECTRIC	MAINTENANCE OF ELECTRICAL AND GENERATOR SYSTEMS AT THE TRAFFIC MANAGEMENT CENTER	N	249,340.00	-	-	249,340.00	-	07/16/2019	09/30/2021	-	Service Provider	District I	Tracy	Mary	07-16-19: PROVIDE QUARTERLY MAINTENANCE, REPAIR, AND MONITORING OF THE ELECTRICAL AND GENERATOR SYSTEM AT THE TRAFFIC MANAGEMENT CENTER (TMC) IN LAS VEGAS. SERVICES INCLUDE: PROVIDING UNINTERRUPTIBLE POWER SUPPLIES, SITE LIGHTING AND DEADFRONT DISTRIBUTION SWITCHBOARDS, CLARK COUNTY. NV B/L#: NVD20131191279-Q PROPOSERS: ATM ELECTRIC
31	14419	00	BCK PROGRAMS, LLC	PUBLIC OUTREACH FOR STORMWATER POLLUTION PREVENTION	N	75,000.00	-	-	75,000.00	-	09/04/2019	06/30/2021	-	Service Provider	Stormwater	Cliff	Cliff	09-04-19: PROVIDE PUBLIC EDUCATIONAL/OUTREACH PROGRAMS TO CLASSROOMS INVOLVING TEACHERS AND STUDENTS ABOUT STORMWATER POLLUTION PREVENTION EFFORTS AT THEIR RESPECTIVE SCHOOLS TO ASSIST THE DEPARTMENT WITH MEETING THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM MUNICIPAL SEPARATE STORM SEWER SYSTEMS PERMIT, STATEWIDE. NV B/L#: NVF20191458820-R PROPOSERS: BCK PROGRAMS, LLC, CARDNO, MATERIALS TESTING AND INSPECTION.
32	47719	00	CARRIER CORPORATION	MAINTENANCE OF HVAC SYSTEM	N	204,996.00	-	-	204,996.00	-	09/11/2019	12/31/2023	-	Service Provider	District I	Tracy	Mary	09-11-19: PROVIDE MAINTENANCE, REPAIR, AND MONITORING OF THE HVAC SYSTEM AT THE TRAFFIC MANAGEMENT CENTER, CLARK COUNTY. NV B/L#: NVD19791006562-Q PROPOSERS: CARRIER CORPORATION, HARRIS, LAS VEGAS, LLC, COMMERCIAL CONSULTING SERVICES, ONTARIO REFRIGERATION SERVICE, INC., MESA ENERGY SYSTEMS INC., DBA EMCOR SERVICES NEVADA.
33	25419	00	FACILITY MANAGEMENT, INC.	REPAIR SPRUNG STRUCTURE	N	27,870.00	-	-	27,870.00	-	08/28/2019	06/30/2020	-	Service Provider	Architecture	Tracy	Anita	08-28-19: REPAIR TO THE SPRUNG STRUCTURE AT THE MOUNT CHARLESTON MAINTENANCE FACILITY, CLARK COUNTY. NV B/L#: NVD20071394195-S
34	35319	00	FIDELITY NATIONAL TITLE GROUP	TITLE REPORT AGREEMENT	N	1,000.00	-	-	1,000.00	-	07/15/2019	07/31/2024	-	Service Provider	Right-of-Way	Cliff	Jessica	07-15-19: PROVIDE TWO PRELIMINARY TITLE REPORTS TO OBTAIN CONDITION OF TITLE PRIOR TO PURCHASE OF PROPERTY, CLARK COUNTY. NV B/L#: NVD19911053607
35	00519	00	GRANITE CONSTRUCTION COMPANY	ON-CALL SERVICES TO REPAIR CONCRETE BARRIERS	N	249,000.00	-	-	249,000.00	-	07/24/2019	12/31/2020	-	Service Provider	District II	Tracy	Mike	07-24-19: PROVIDE ON-CALL SERVICES TO REPAIR DAMAGED CONCRETE BARRIERS AT VARIOUS LOCATIONS IN DISTRICT II FOR THE SAFETY OF THE TRAVELING PUBLIC, CARSON CITY, DOUGLAS, STOREY, LYON, CHURCHILL, PERSHING, WASHOE, AND MINERAL COUNTIES. NV B/L#: NVD19631001612-Q PROPOSERS: GRANITE CONSTRUCTION COMPANY
36	66418 66518	01	HDR ENGINEERING, INC. CAMBRIDGE SYSTEMATICS, INC.	BENEFIT COST STUDIES	Y	80,000.00	-	40,000.00	120,000.00	-	11/09/2018	09/30/2020	09/11/2019	Service Provider	Performance Analysis	Sondra	Peter	AMD 1 09-11-19: INCREASE AUTHORITY BY \$40,000.00 FROM \$80,000.00 TO \$120,000.00 DUE TO AN INCREASE IN THE SCOPE OF SERVICES FOR AN UNEXPECTED BENEFIT COST ANALYSIS NEEDED FOR A BUILD GRANT APPLICATION. 11-09-18: BENEFIT COST STUDIES THAT WILL PROVIDE ANALYSIS ON THE DEPARTMENT'S PROJECTS, PROVIDING EVALUATIONS FOR PRIORITIZATION AND RANKING OF PROJECTS, COMPARING ALTERNATIVES, ALLOCATING RESOURCES AND TESTING PROJECT PHASING IN VARIOUS LOCATIONS. AS A RESULT OF RFP 493-18-006, TWO MASTER SERVICES AGREEMENTS HAVE BEEN AWARDED TO PERFORM THE SCOPE OF SERVICES AND WORK WILL BE ISSUED BY TASK ORDER, STATEWIDE. NV B/L# NVF19851010291-R

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
37	48819	00	HEALTHY TREES	TREE TRIMMING	N	9,705.00	-	-	9,705.00	-	09/05/2019	11/30/2019	-	Service Provider	Buildings and Grounds	Robert	Robert	09-05-19: TREE TRIMMING AND REMOVAL OF DEADWOOD FROM VARIOUS LARGE TREES THROUGHOUT THE NDOT HEADQUARTERS CAMPUS TO MAINTAIN PROPER CLEARANCES FROM STRUCTURES, FOR THE OVERALL HEALTH OF THE TREES, AND FOR THE SAFETY OF THE STAFF AND PUBLIC, CARSON CITY. NV B/L#: NVD20031522725-SQ
38	40219	00	INRIX, INC.	SOFTWARE RENEWAL	N	110,000.00	-	-	110,000.00	-	07/06/2019	07/06/2020	-	Service Provider	Performance Analysis	Sondra	Peter	07-06-19: SOFTWARE RENEWAL OF INRIX, A CLOUD-BASED TRAFFIC ANALYTICS SUITE, THAT OFFERS SPECIFIC ANALYSIS OF TRAFFIC CONDITIONS FROM REAL TIME TRAFFIC FLOWS. MODULES INCLUDE: SYSTEM MONITORING DASHBOARD, CONGESTION SCAN, PERFORMANCE CHARTS, BOTTLENEXK RANKING, MASSIVE RAW DATA DOWNLOADER, TREND MAP, PERFORMANCE SUMMARIES, AND USER DELAY COST ANALYSIS, STATEWIDE. NV B/L#: EXEMPT
39	41419	00	KENWORTH SALES CO.	ENGINE REPLACEMENT	N	40,000.00	-	-	40,000.00	-	08/06/2019	10/16/2019	-	Service Provider	Equipment	Tracy	Wayne	08-06-19: REPLACEMENT OF THE FAILED ENGINE IN UNIT 2271, A 2007 PETERBILT DUMP/PLOW TRUCK, TO BRING THIS UNIT INTO FULL WORKING CONDITION TO BE USED IN CONSTRUCTION PROJECTS AND TO PLOW THE HIGHWAYS IN WINTER, ELKO COUNTY. NV B/L#: EXEMPT
40	25519	00	LAS VEGAS PAVING CORPORATION	SHARED USE PATH	N	176,000.00	-	-	176,000.00	-	08/21/2019	06/30/2020	-	Service Provider	District I	Tracy	Mary	08-21-19: CONSTRUCTION OF A SHARED USE PATH TO ADDRESS SAFETY CONCERNS ASSOCIATED WITH CHILDREN WALKING ON SR-321 TO GET TO SCHOOL IN PIOCHE, LINCOLN COUNTY. NV B/L#: NVD19581000650-Q PROPOSERS: LAS VEGAS PAVING CORPORATION, PEARSON BROTHERS CONSTRUCTION CO., ACHA CONSTRUCTION
41	39619	00	LAS VEGAS PAVING CORPORATION	BRIDGE INSPECTIONS	N	228,990.00	-	-	228,990.00	-	08/20/2019	06/30/2020	-	Service Provider	District I	Tracy	Mary	08-20-19: TRAFFIC CONTROL SERVICES FOR DISTRICT I BRIDGE INSPECTIONS AT VARIOUS LOCATIONS, CLARK AND LINCOLN COUNTIES. NV B/L#: NVD19581000650-Q PROPOSERS: LAS VEGAS PAVING CORPORATION, NEVADA BARRICADE & SIGN CO., NELSON HINKER STRIPING INC.
42	41519	00	LEGACY EQUIPMENT COMPANY	PURCHASE/INSTALL WING PLOWS	N	50,000.00	-	-	50,000.00	-	08/08/2019	11/30/2019	-	Service Provider	Equipment	Tracy	Wayne	08-08-19: PURCHASE AND INSTALLATION OF WING PLOWS ON NDOT UNITS 0964,1333, AND 1334 TO ADD TO THE SNOW REMOVAL CAPABILITIES OF EACH OF THESE UNITS WHEN PLOWING SNOW ON NEVADA HIGHWAYS, ELKO COUNTY. NV B/L#: EXEMPT
43	37419	00	MATHEWS APPRAISAL	APPRAISAL SERVICES	N	5,000.00	-	-	5,000.00	-	07/23/2019	07/31/2024	-	Service Provider	Right-of-Way	Cliff	Jessica	07-23-19: APPRAISAL SERVICES FOR TOURO UNIVERSITY PARKING EXPANSION FOR RENTAL RATE DETERMINATION OF THE PROPOSED LEASE, CLARK COUNTY. NV B/L#: NVD20091178060
44	09919	00	NEV-CAL INVESTORS, INC.	PEDESTRIAN SAFETY IMPROVEMENTS	N	249,746.00	-	-	249,746.00	-	08/31/2019	07/31/2020	-	Service Provider	Planning	Sondra	Fred	08-31-19: PEDESTRIAN SAFETY IMPROVEMENTS INCLUDING ROADWAY, LIGHTING, AND ADA IMPROVEMENTS FOR THE CITY OF LAS VEGAS ON EAST CHEYENNE AVENUE AT NORTH MARY DEE AVENUE, CLARK COUNTY. NV B/L#: NVD19821010110-Q PROPOSERS: FAST TRAC ELECTRIC AND MC4 CONSTRUCTION, LLC.
45	48019	00	PACIFIC SAFETY SOLUTIONS	CLIMBER AND RESCUE TRAINING	N	12,865.00	-	-	12,865.00	-	08/29/2019	06/30/2020	-	Service Provider	Training	Cole	Barbara	08-29-19: PROVIDE CLIMBER AND RESCUE TRAINING COURSES FOR NDOT'S DISTRICT III, COMMUNICATION SECTION, WHICH REQUIRES CLIMBING COMMUNICATION TOWERS AS PART OF THEIR JOB DUTIES, ELKO COUNTY. NV B/L#: EXEMPT
46	66318	02	PARAGON DIVERSITY GROUP	DISADVANTAGED BUSINESS ENTERPRISE (DBE) SUPPORT SERVICES	Y	139,004.00	-	160,000.00	299,004.00	-	02/27/2019	08/31/2020	08/01/2019	Service Provider	Contract Compliance	Tracy	Sonnie	AMD 2 08-01-19: EXTEND TERMINATION DATE FROM 08-31-19 TO 08-31-20 AND INCREASE AUTHORITY BY \$160,000.00 FROM \$139,004.00 TO \$299,004.00 TO EXERCISE AGREEMENT EXTENSION OPTION FOR CONTINUATION OF DISADVANTAGED BUSINESS ENTERPRISE (DBE) SUPPORT SERVICES, CONTINGENT UPON GRANT FUNDING, AS OUTLINED IN THE ORIGINAL RFP. AMD 1 05-14-19: EXTEND TERMINATION DATE FROM 06-30-19 TO 08-31-19 FOR CONTINUATION OF SERVICES. 02-27-19: DISADVANTAGED BUSINESS ENTERPRISE (DBE) SUPPORT SERVICES TO CONNECT DISADVANTAGED BUSINESSES WITH PRIME CONTRACTORS AND CREATE AND FOSTER PRODUCTIVE WORKING RELATIONSHIPS WITHIN THE INDUSTRY. STATEWIDE. NV B/L#: NVD20121109269-R
47	01918	03	RANGER CONSTRUCTION, INC.	EQUIPMENT SHOP LIFT FOUNDATION	N	76,000.00	28,320.00	11,270.00	115,590.00	-	04/04/2018	12/31/2019	08/21/2019	Service Provider	Architecture	Tracy	Anita	AMD 3 08-21-19: INCREASE AUTHORITY BY \$11,270.00 FROM \$104,320.00 TO \$115,590.00 DUE TO AN UNEXPECTED REPAIR AND REDESIGN FROM ELECTRICAL COMPONENTS BURIED IN A CONCRETE SLAB. AMD 2 05-13-19: INCREASE AUTHORITY BY \$28,320.00 FROM \$76,000.00 TO \$104,320.00 DUE TO ADDITIONAL SCOPE: TO RELOCATE CIRCUITS, BACKFILL OF TRENCH AND ADD PLATE COVER, AND REPLACE TITEN ANCHORS WITH DROP-IN ANCHORS. AMD 1 01-22-19: EXTEND TERMINATION DATE FROM 01-31-19 TO 12-31-19 DUE TO AN UNFORESEEN NEED TO REDESIGN STRUCTURAL CALCULATIONS, WHICH WILL SIGNIFICANTLY DELAY CONSTRUCTION. 04-04-18: CONSTRUCTION OF THE DISTRICT II HEADQUARTERS EQUIPMENT SHOP LIFT FOUNDATIONS, WASHOE COUNTY. NV B/L#: NVD20021491295-Q
48	31719	00	ROWLEY CONTRACTING, INC.	RECONSTRUCT DAMAGED SOUNDWALL	N	94,650.00	-	-	94,650.00	-	08/19/2019	08/31/2020	-	Service Provider	District I	Tracy	Mary	08-19-19: RECONSTRUCT A SECTION OF DAMAGED SOUND WALL ON I-515 NORTHBOUND ON PECOS ROAD, CLARK COUNTY. NV B/L#: NVD20021340189-Q. PROPOSERS: ROWLEY CONTRACTING INC., TAB CONTRACTORS INC., LAS VEGAS PAVING CORPORATION
49	35419	00	SIGNATURE TITLE	TITLE REPORT AGREEMENT	N	800.00	-	-	800.00	-	07/16/2019	07/31/2024	-	Service Provider	Right-of-Way	Cliff	Jessica	07-16-19: PRELIMINARY TITLE REPORT FOR PARCELS ON US 50, .37 MILES WEST OF WARRIOR WAY TO .22 MILES EAST OF TAHOE DRIVE, TO OBTAIN CONDITION OF TITLE PRIOR TO PURCHASE OR LOAN OF PROPERTY, DOUGLAS COUNTY. NV B/L#: NVD20131477809
50	30118	01	TDA ENTERPRISES, INC. DBA DIVERSIFIED SYSTEMS INTERNATIONAL	AUDIO EQUIPMENT	N	30,000.00	-	135,790.00	165,790.00	-	06/06/2018	06/30/2020	07/31/2019	Service Provider	Information Technology	Robert	Dave	AMD 1 07-31-19: INCREASE AUTHORITY BY \$135,790.00 FROM \$30,000.00 TO \$165,790.00 FOR THE INSTALLATION OF UPGRADED AUDIO/VISUAL CONTROL SYSTEM FOR THE DEPARTMENT'S ROOP STREET ANNEX BUILDING, INCLUDING 1 HDMI INPUT PER FLOOR BOX, AIR MEDIA INSTALLATION, CISCO VIDEO VOIP CONFERENCING AND REV3 ADDITIONS. HEADQUARTERS BUILDING, ROOM #311 WILL INCLUDE INSTALLATION OF A 75" DISPLAY AND BRACKET, CRESTRON FLEX WALL MOUNT UC VIDEO CONFERENCE SYSTEM AND CONFERENCE ROOM PANELS. 06-06-18: CLEANING AND GENERAL PREVENTATIVE MAINTENANCE OF ALL NDOT AUDIO/VISUAL EQUIPMENT, CARSON CITY. NV B/L#: NVF20171685774

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51	07318	01	THROUPE AND ASSOCIATES, LLC	EXPERT WITNESS SERVICES	Y	75,000.00	-	35,000.00	110,000.00	-	02/09/2018	12/31/2020	08/06/2019	Service Provider	Right-of-Way	Cliff	Jessica	AMD 1 08-06-19: EXTEND TERMINATION DATE FROM 01-31-20 TO 12-31-20 AND INCREASE AUTHORITY BY \$35,000.00 FROM \$75,000.00 TO \$110,000.00 DUE TO EXTENDED TRIAL DATE AND ADDITIONAL SERVICES BEING REQUIRED. 02-09-18: CONSULTING, VALUATION, AND EXPERT WITNESS SERVICES (STATE V. 1916 PROPERTIES, LTD CONDEMNATION ACTION), CLARK COUNTY. NV B/L#: NVF20171800296
52	47919	00	TURBO TRAINING	DIESEL EMISSIONS TRAINING	N	8,000.00	-	-	8,000.00	-	09/04/2019	06/30/2020	-	Service Provider	Training	Cole	Barbara	09-04-19: PROVIDE DIESEL EMISSIONS TRAINING FOR EQUIPMENT DIVISION MECHANICS, CARSON CITY. NV B/L#: EXEMPT
53	32419	00	WEBSOFT DEVELOPERS, INC.	ASSET MANAGEMENT PLAN UPGRADES	N	150,000.00	-	-	150,000.00	-	07/09/2019	06/30/2020	-	Service Provider	Traffic Operations	Tracy	Denise	07-09-19: UPGRADE EXISTING MOBILE ASSET MANAGEMENT SYSTEM FOR NDOT TRAFFIC OPERATIONS AND INFORMATION TECHNOLOGY DIVISIONS. THE SERVICES WILL PROVIDE: PRINTER, LAPTOP, AND STORMWATER ASSET LOCATING SYSTEM; BARCODE READING FUNCTIONALITY; ALLOW USERS TO VIEW, EDIT, AND CREATE ASSETS IN THE FIELD OR OFFICE; AND CREATE A HISTORY OF EACH ASSET. NV B/L# NVF20121454363-S
54	01215	04	WESTWOOD PROFESSIONAL SERVICES, INC.	EXPERT WITNESS SERVICES	Y	250,000.00	200,000.00	25,000.00	475,000.00	-	12/16/2014	12/31/2020	08/14/2019	Service Provider	Right-of-Way	Cliff	Jessica	AMD 4 08-14-19: INCREASE AUTHORITY BY \$25,000.00 FROM \$450,000.00 TO \$475,000.00 FOR ADDITIONAL CIVIL ENGINEERING AND EXPERT WITNESS SERVICES TO COMPLETE PROJECT. AMD 3 10-12-18: CHANGE SECOND PARTY NAME FROM SLATER HANIFAN GROUP, INC., TO WESTWOOD PROFESSIONAL SERVICES, INC. DBA SLATER HANIFAN GROUP DUE TO SALE OF ASSETS, AND EXTEND TERMINATION DATE FROM 12-31-18 TO 12-31-20 FOR ADDITIONAL CIVIL ENGINEERING AND EXPERT WITNESS SERVICES. AMD 2 12-21-17: EXTEND TERMINATION DATE FROM 12-31-17 TO 12-31-18 FOR EXPERT WITNESS SERVICES. AMD 1 06-16-16: INCREASE AUTHORITY BY \$200,000.00, FROM \$250,000 TO \$450,000 AND EXTEND TERMINATION DATE FROM 12-31-16 TO 12-31-17 FOR CIVIL ENGINEERING AND EXPERT WITNESS SERVICES FOR CONDEMNATION ACTION. 12-16-14: PROVIDE PROFESSIONAL CIVIL ENGINEERING SERVICES TO SUPPORT LITIGATION DURING RIGHT-OF-WAY ACQUISITIONS FOR PROJECT NEON, CLARK COUNTY. NV B/L#: NVD20031430130

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55	55219	00	FEDERAL HIGHWAY ADMINISTRATION	TEMPORARY EASEMENT	N	-	-	-	-	-	08/15/2019	08/15/2029	-	Acquisition	Right-of-Way	Cliff	Jessica	08-15-19: NO COST TEMPORARY EASEMENT FOR THE RIGHT-OF-WAY OF A MATERIAL SITE FOR CONSTRUCTION AND MAINTENANCE OF FEDERAL-AID HIGHWAYS OFF SR-892 ON PARCEL 009-190-07, WHITE PINE COUNTY. NV B/L#: EXEMPT
56	26819	00	CITY OF ELY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	08/01/2019	12/31/2023	09/04/2019	Coop	District III	Tracy	Boyd	AMD 1 09-04-19: NO COST AMENDMENT TO CHANGE THE AGREEMENT FROM A NON-MONETARY TO A PAYABLE AGREEMENT TO ALLOW DISTRICT III TO REIMBURSE THE CITY FOR EMERGENCY REPAIRS/REPLACEMENTS IN EXCESS OF \$1,500.00 OF PEDESTRIAN FLASHING SYSTEMS IF DAMAGES OCCUR. 08-01-19: ESTABLISHES ROLES AND RESPONSIBILITIES ASSOCIATED WITH ELY DOWNTOWN CMAR PROJECT FOR LANDSCAPE, STREET LIGHTING, SENTINEL SIGNS, AND PEDESTRIAN FLASHER SYSTEMS, WHITE PINE COUNTY. NV B/L#: EXEMPT
57	06319	00	NYE COUNTY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	07/16/2019	07/16/2021	-	Coop	Planning	Sondra	Fred	07-16-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES CONCERNING THE MAINTENANCE AND OPERATION OF RECTANGULAR RAPID FLASHING BEACON SYSTEMS LOCATED IN PAHRUMP, NEVADA, ON SR 160, AT THE INTERSECTON OF POSTAL DRIVE AND EAST CALVADA BOULEVARD, NYE COUNTY. NV B/L#: EXEMPT
58	29619	00	CITY OF NORTH LAS VEGAS	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	08/28/2019	12/31/2020	-	Cooperative	Planning	Sondra	Fred	08-28-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES WITH THE CITY OF NORTH LAS VEGAS FOR PEDESTRIAN MEDIAN IMPROVEMENTS ALONG LAKE MEAD BOULEVARD NEAR INTERSECTIONS OF BASSLER STREET AND BRAND STREET, CLARK COUNTY. NV B/L#: EXEMPT
59	32519	00	CITY OF SPARKS	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	08/29/2019	12/31/2021	-	Cooperative	Planning	Sondra	Fred	08-29-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBITIES WITH THE CITY OF SPARKS FOR THE MAINTENANCE OF RETRO-REFLECTIVE BORDERS ON TRAFFIC SIGNAL BACKPLATES, WASHOE COUNTY. NV B/L#: EXEMPT
60	32119	00	PYRAMID LAKE PAIUTE TRIBE	TRIBAL TRANSPORTATION PROGRAM SAFETY FUNDS (TTPSF) GRANT	Y	500,000.00	-	-	-	500,000.00	07/24/2019	07/24/2024	-	Cooperative	Planning	Sondra	Fred	07-24-19: NO COST AGREEMENT FOR REIMBURSEMENT FROM FEDERAL HIGHWAY ADMINISTRATION TRIBAL TRANSPORTATION PROGRAM SAFETY FUNDS (TTPSF) GRANT FOR FY2017-18, FOR INSTALLATION OF LOW COST SAFETY IMPROVEMENT ON SR 447, WASHOE COUNTY. NV B/L#: EXEMPT
61	47319	00	RTC OF SOUTHERN NEVADA	ELECTRIC BIKE PROGRAM	N	-	-	-	-	-	06/06/2019	08/14/2024	-	Cooperative	Project Management	Cliff	Nick	06-06-19: NO COST AGREEMENT FOR PARTNERSHIP WITH REGIONAL TRANSPORTATION COMMISSION (RTC) OF SOUTHERN NEVADA FOR SHARED USE OF THEIR ELECTRIC BICYCLES, CLARK COUNTY. NV B/L#: EXEMPT
62	55419	00	CLARK COUNTY WATER RECLAMATION	MANHOLE AND VALVE COVERS	N	-	-	-	-	-	08/19/2019	08/19/2024	-	Facility	Right-of-Way	Cliff	Jessica	08-19-19: NO COST AGREEMENT TO ADJUST MANHOLE AND VALVE COVERS FOR CONSTRUCITON ON ROUTES I-15, FROM MP51.7 TO MP52.4, AND CC-215, FROM MP50 TO MP52, CLARK COUNTY. NV B/L#: EXEMPT
63	44319	00	NV ENERGY	DESIGN INITIATION AGREEMENT	N	-	-	-	-	-	08/07/2019	08/31/2020	-	Facility	Right-of-Way	Cliff	Jessica	08-07-19: NO COST DESIGN INITIATION AGREEMENT FOR EIGHT NEW SERVICE PEDESTALS FOR SIGNAL POSTS ON NELLIS BOULEVARD FROM SAHARA AVENUE TO TROPICANA AVENUE, CLARK COUNTY. NV B/L#: NVD19831015840
64	37119	00	NV ENERGY	DESIGN APPROVAL	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Facility	Right-of-Way	Cliff	Jessica	07-16-19: NO COST DESIGN APPROVAL FOR ELECTRICAL SERVICE AT LOCATION 862U ON MP LY11.184 - LY14.120 TO ENERGIZE PEDESTRIAN CROSSING BEACON AND LIGHTING, LYON COUNTY. NV B/L#: NVD19831015840
65	37219	00	NV ENERGY	DESIGN APPROVAL	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Facility	Right-of-Way	Cliff	Jessica	07-16-19: NO COST DESIGN APPROVAL FOR ELECTRICAL SERVICE AT LOCATION 162U ON US 50, MP LY11.184 - LY14.120 TO ENERGIZE PEDESTRIAN CROSSING BEACON AND LIGHTING, LYON COUNTY. NV B/L#: NVD19831015840
66	45519	00	SOUTHWEST GAS	MANHOLE AND VALVE COVERS	N	-	-	-	-	-	08/12/2019	08/12/2024	-	Facility	Right-of-Way	Cliff	Jessica	08-12-19: NO COST AGREEMENT TO ADJUST 13 MANHOLE AND VALVE COVERS ON NELLIS BOULEVARD FROM TROPICANA AVENUE TO LAS VEGAS BOULEVARD, CLARK COUNTY. NV B/L#: NVD19571000091
67	55719	00	SOUTHWEST GAS	MANHOLE AND VALVE COVERS	N	-	-	-	-	-	08/19/2019	08/19/2024	-	Facility	Right-of-Way	Cliff	Jessica	08-19-19: NO COST AGREEMENT TO ADJUST MANHOLE AND VALVE COVERS ON JONES BOULEVARD FROM MP CL43.007 TO MP CL45.038, CLARK COUNTY. NV B/L#: NVF19571000091
68	43019	00	SUN VALLEY GENERAL IMPROVEMENT	MANHOLE AND VALVE COVERS	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Facility	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO ADJUST TWO MANHOLE COVERS DUE TO THE SIDEWALK BEING REPLACED FOR ADA COMPLIANCE ON MCCARRAN AND BARING ROUNDABOUT, WASHOE COUNTY. NV B/L#: EXEMPT
69	26919	00	CITY OF ELY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	08/01/2019	12/31/2023	-	Interlocal	District III	Tracy	Boyd	08-01-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE, OPERATION AND REPAIR OF TRAFFIC SIGNAL SYSTEMS, WHITE PINE COUNTY. NV B/L#: EXEMPT
70	27019	00	CITY OF ELY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	08/01/2019	12/31/2023	-	Interlocal	Project Management	Cliff	Nick	08-01-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES ASSOCIATED WITH ELY DOWNTOWN CONSTRUCTION MANAGER AT RISK (CMAR) PROJECT DRAINAGE AND ROADWAY IMPROVEMENTS, WHITE PINE COUNTY. NV B/L#: EXEMPT
71	26119	00	CITY OF RENO	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	07/30/2019	07/30/2025	-	Interlocal	District II	Tracy	Mike	07-30-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE, OPERATION AND REPAIR OF TRAFFIC SIGNAL SYSTEMS, WASHOE COUNTY. NV B/L#: EXEMPT
72	38818	00	CITY OF SPARKS	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	07/16/2019	07/16/2025	-	Interlocal	Traffic Operations	Tracy	Denise	07-16-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE, OPERATION AND REPAIR OF TRAFFIC SIGNAL SYSTEMS, WASHOE COUNTY. NV B/L#: EXEMPT

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73	54416	01	GRANITE CONSTRUCTION COMPANY	CONSTRUCTION MANAGER AT RISK (CMAR) PRECONSTRUCTION SERVICES	Y	684,900.00	-	-	684,900.00	-	04/10/2017	12/31/2022	08/29/2019	Service Provider	Project Management	Cliff	Nick	AMD 1 08-29-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 12-31-22 DUE TO DELAYS IN OBTAINING ENVIRONMENTAL CLEARANCE AND TO UPDATE LANGUAGE IN THE AGREEMENT TO REFLECT CURRENT RATES, REIMBURSEMENTS AND FEE RETENTION. ADDITIONAL FUNDING IS NOT ANTICIPATED. 4-10-17: RECONSTRUCTING AND WIDENING CHARLESTON BOULEVARD IN THE CITY OF LAS VEGAS AT THE EXISTING I-515 INTERCHANGE. IT WILL PROVIDE ADDITIONAL TURNING LANES ONTO THE INTERCHANGE RAMPS, WIDEN SELECTED CHARLESTON BOULEVARD AND EASTERN AVENUE RAMPS, CONSTRUCT AUXILIARY LANES ON I-515 IN EACH DIRECTION BETWEEN CHARLESTON BOULEVARD AND EASTERN AVENUE, AND RECONSTRUCT THE EXISTING I-515 SOUND WALLS, CLARK COUNTY. NV B/L#: NVF19631001612-R
74	27119	00	WHITE PINE COUNTY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	07/24/2019	12/31/2023	-	Interlocal	Project Management	Cliff	Nick	07-24-19: NO COST AGREEMENT TO ESTABLISH ROLES AND RESPONSIBILITIES ASSOCIATED WITH THE ELY DOWNTOWN CONSTRUCTION MANAGER AT RISK (CMAR) PROJECT ON AULTMAN STREET BETWEEN 8TH STREET AND 10TH STREET, WHITE PINE COUNTY. NV B/L#: EXEMPT
75	46519	00	A & 3D, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NV20171377006.
76	46219	00	ALECO ENTERPRISES, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19911013569
77	36019	00	AMIN & CLARA LUFTI	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
78	44819	00	ATLAS CRANE, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20041494295
79	44219	00	BDC PROPERTIES, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/31/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-31-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF KIETZKE LANE FROM MILL STREET TO GALLETTI WAY, WASHOE COUNTY. NV B/L#: EXEMPT
80	35619	00	BON JOUR, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19951136212
81	56519	00	CALIFORNIA HOTEL AND CASINO	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19731003225
82	45019	00	CAREFREE MHP	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20001065537
83	44419	00	CHURCH BAPTIST DESERT HILLS	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
84	37619	00	CK 3285 SOUTH NELLIS BLVD., LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20071472910
85	35919	00	CLARK COUNTY PUBLIC WORKS	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
86	36719	00	COYOTE VALLEY, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20011005737
87	42419	00	D C WATSON, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20181018506
88	56319	00	DAB ORGANIZATION, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19971244773
89	46119	00	DAYCARE PARTNERS #1, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20051178357.
90	42819	00	DONALD W. & SHIRLEY J. REED	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF HIGHWAY 50 FROM RUTH/KIMBERLY ROAD TO US 6, WHITE PINE COUNTY. NV B/L#: EXEMPT
91	44019	00	DOUGLAS TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
92	46419	00	DOUMANI HOLDINGS, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NV20171040828.
93	42319	00	GLENCOE PROPERTIES	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19891009468
94	37719	00	HERBST H C, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NV20121739978
95	43719	00	HUGO ZEPEDA CARDENAS	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT

NO COST AGREEMENTS AND/OR AMENDMENTS																		
Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
96	44919	00	I RENT B & E	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19981075768
97	37519	00	I.H. KENT COMPANY	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF US 95, FROM 500 FEET N. OF SHECKLER ROAD TO KEDDIE STREET, CHURCHILL COUNTY. NV B/L#: NVD20031113191
98	44519	00	JARM, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20121766092
99	45619	00	JBT, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
100	44719	00	JEFFREY W. DAVIS	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
101	43819	00	JOYCE PADDACK	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
102	56619	00	KATSAM, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVF20021034003
103	57219	00	KHARBANDA SANJEEV	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
104	36919	00	LAMONT, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20131205666
105	36319	00	LAND BARON PROPERTIES NV LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20121054135
106	45919	00	LAS VEGAS NELLIS BLVD, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20161719540
107	42219	00	LAS VEGAS WROUGHT IRON INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20001494976
108	43419	00	LFP NEVADA, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/31/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-31-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20141056339
109	46919	00	LIFE STORAGE LP	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20161529651
110	36819	00	LRLJ, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20151349821
111	44619	00	MIGUEL FAMILY TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
112	47019	00	MP BLVD., LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
113	36219	00	MURPHY USA REAL ESTATE LKE #19	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVF20101856124
114	56719	00	NELLIS GARDENS, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19981072194
115	36419	00	NELLIS HOSPITALITY, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20061021517
116	46019	00	NELLIS OWENS 48, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20051020732
117	35819	00	NELLIS SEVEN, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20181692335
118	55519	00	NEVADA DIVISION OF STATE LANDS	TEMPORARY EASEMENT	N	-	-	-	-	-	08/19/2019	12/31/2022	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-19-19: NO COST TEMPORARY EASEMENT TO RECONSTRUCT THE INTERCHANGE AT 6490 RANGE ROAD (PARCEL I-026-CL-051.800) ADJACENT TO LAS VEGAS READINESS CENTER, TO IMPROVE SAFETY AND TRAVEL TIME OF THE PUBLIC, CLARK COUNTY. NV B/L#: EXEMPT
119	55619	00	NEVADA DIVISION OF STATE LANDS	PERMANENT EASEMENT	N	-	-	-	-	-	08/19/2019	08/19/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-19-19: NO COST PERMANENT EASEMENT TO CONSTRUCT, RECONSTRUCT, AND MAINTAIN THE INTERCHANGE AT 6490 RANGE ROAD AND WIDENING OF CC-215 (PARCEL I-015-CL-051.778), CLARK COUNTY. NV B/L#: EXEMPT
120	35519	00	NEVADA STATE BANK	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVF20191029327
121	56819	00	PANDA INN, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
122	37819	00	PARAMOUNT INVESTMENTS CO.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20121739978

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Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
123	42719	00	PUEBLO DELSOL TITLE HOLDER, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVF20181222888
124	55019	00	QUAG FAMILY TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/15/2019	08/15/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-15-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF US 95 FROM 500 FEET NORTH OF SHECKLER ROAD TO KEDDIE STREET, CHURCHILL COUNTY. NV B/L#: EXEMPT
125	43119	00	QUAIL CORNERS MAINTENANCE ASSOCIATION	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF SOUTH MCCARRAN BOULEVARD FROM SOUTH VIRGINIA STREET TO WEST FOURTH STREET, WASHOE COUNTY. NV B/L#: NVD19991179287
126	43519	00	R & J WHOLESALE	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/31/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-31-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20051559503
127	42619	00	RAINBOW MARKET #8, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20041262272
128	46319	00	REBEL LAND AND DEVELOPMENT, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NV20151540570
129	43919	00	RMH TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/02/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-02-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
130	36619	00	ROBERT/NORMA JEAN EVANS TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
131	45819	00	RONALD & BETTY LI	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
132	46719	00	SAHARA CONDOS SOUTHWEST, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20051056768
133	36519	00	SAHARA NELLIS LEASING	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20151114626
134	37919	00	SB NELLIS, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20051371260
135	55919	00	SCP 2006-C23-092, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT ON FAIRVIEW DRIVE FROM SOUTH CARSON STREET TO SOUTH ROOP STREET, CARSON CITY. NV B/L#: NVF20061677947
136	46819	00	SHAMAR, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20031052620
137	38019	00	SMITH FOOD & DRUG CENTERS, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20031516470
138	36119	00	SSD	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/17/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-17-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVF20061117760
139	42519	00	ST LOUIS SQUARE, INC.	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19901028230
140	56419	00	STEPHEN AND LISA FORRESTER	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/204	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
141	45719	00	SUMMIT SECURITIES, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/14/2019	08/14/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-14-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD19941008518
142	43619	00	SWECKER PIEDEMONTE NELLIS	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/31/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-31-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20141449836
143	35719	00	TOP GUN IRREVOCABLE BUSINESS TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20161706425
144	56919	00	TROPICANA AVENUE PLAZA, LLC	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	08/23/2019	08/23/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-23-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20191076783
145	55319	00	US DEPARTMENT OF INTERIOR BLM	TEMPORARY USE PERMIT	N	-	-	-	-	-	08/15/2019	08/15/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	08-15-19: NO COST AGREEMENT TO ALLOW NDOT TO ACCESS AND WORK ON FEDERAL LAND BETWEEN GOLDFIELD AND TONOPAH ON US 95 TO SUPPORT THE GEMFIELD MINE PROJECT, ESMERALDA COUNTY. NV B/L#: EXEMPT
146	37019	00	VENTI, ANTHONY JR TRUST	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/16/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-16-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: NVD20131205666
147	42119	00	VILLA FABIAN	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT

NO COST AGREEMENTS AND/OR AMENDMENTS																		
Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
148	42019	00	NAI HUI & LAI JAI WANG	CONSTRUCTION OUTSIDE OF RIGHT-OF-WAY	N	-	-	-	-	-	07/29/2019	07/31/2024	-	Right-of-Way Access	Right-of-Way	Cliff	Jessica	07-29-19: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF NELLIS BOULEVARD FROM TROPICANA AVENUE TO CRAIG ROAD, CLARK COUNTY. NV B/L#: EXEMPT
149	26019	01	CASHMAN EQUIPMENT COMPANY	MISCELLANEOUS REPAIRS TO CATERPILLAR	N	35,000.00	-	-	35,000.00	-	05/21/2019	09/05/2019	07/29/2019	Service Provider	Equipment	Tracy	Wayne	AMD 1 07-29-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 07-31-19 TO 09-05-19 DUE TO BACK-ORDERED PARTS WHICH HAS DELAYED THIS REPAIR. 05-21-19: MISCELLANEOUS REPAIRS TO NDOT UNIT 1991, A CAPTERPILLAR D7 DOZER, TO BRING THE UNIT INTO WORKING CONDITION, WASHOE COUNTY. NV B/L#: NVD19601000406
150	41417	01	DIGITAL TRAFFIC SYSTEMS, INC.	ON-CALL INTELLIGENCE TRANSPORTATION SYSTEM (ITS) SERVICES	N	249,000.00	-	-	249,000.00	-	08/03/2017	12/31/2019	07/22/2019	Service Provider	District II	Tracy	Mike	AMD 1 07-22-19: NO COST AMENDMENT TO MODIFY THE ORIGINAL AGREEMENT BY REMOVING ARTICLE #1, PARAGRAPH #3 IN ITS ENTIRETY: "THE WORK PERIOD OF THESE SERVICES WILL BE TWENTY-FOUR (24) MONTHS FROM THE NOTICE TO PROCEED DATE, UNLESS THE PARTIES AGREE TO A WRITTEN AMENDMENT EXTENDING THE TERM APPROVED IN WRITIN BY THE DEPARTMENT." 08-03-17: ON-CALL MAINTENANCE AND REPAIR OF THE INTELLIGENCE TRANSPORTATION SYSTEM (ITS) INFRASTRUCTURES THROUGHOUT DISTRICT II, PERSHING, LYON, CHURCHILL, DOUGLAS, CARSON, WASHOE, STOREY, AND MINERAL COUNTIES. NV B/L#: NVF20131597242
151	77516	02	SLATER HANIFAN GROUP	INDEPENDENT COST ESTIMATOR	Y	332,446.00	-	-	332,446.00	-	07/10/2017	12/31/2022	09/04/2019	Service Provider	Project Management	Cliff	Nick	AMD 2 09-04-19: NO COST AMENDMENT TO MODIFY THE ORIGINAL AGREEMENT BY REMOVING ARTICLE IV, PARAGRAPH #3 AND REPLACING IT WITH "INDIRECT COSTS (OVERHEAD) OF THE SERVICE PROVIDER SHALL BE APPROPRIATED AMONG ALL PROFESSIONAL SERVICES PROJECTS BEING DONE BY THE SERVICE PROVIDER DURING THE TERM OF THIS AGREEMENT, AND WILL BE BILLED AT THE PROVISIONAL INDIRECT COST RATE OF ONE HUNDRED FIFTY-SEVEN AND 10/100 (157.10%) OF DIRECT LABOR COSTS. THIS RATE MAY BE ADJUSTED TO THE ACTUAL INDIRECT COST RATE AT THE TIME OF FINAL AUDIT." AMD 1 10-25-18: NO COST AMENDMENT TO EXTEND THE TERMINATION DATE FROM 12-31-20 TO 12-31-22 AND REASSIGN RIGHTS TO WESTWOOD PROFESSIONAL SERVICES, INC., DBA SLATER HANIFAN GROUP. 07-10-17: INDEPENDENT COST ESTIMATOR (ICE) SERVICES IS REQUIRED FOR THE I-515/CHARLESTON BOULEVARD INTERCHANGE IMPROVEMENT PROJECT FOR THE RECONSTRUCTION OF THE I-515/CHARLESTON BOULEVARD INTERCHANGE AND CONSTRUCTION OF AUXILIARY LANES ON I-515 BETWEEN EASTERN AVENUE AND CHARLESTON BOULEVARD, CLARK COUNTY. NV B/L#: NV20031430130-R
152	00715	02	STANTEC CONSULTING, INC.	LANDSCAPE AND AESTHETICS ON I-15	Y	188,500.00	13,870.00	-	202,370.00	-	09/09/2015	01/31/2020	08/19/2019	Service Provider	Roadway Design	Cliff	Scott	AMD 2 08-19-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 08-31-19 TO 01-31-20 DUE TO UNFORESEEN CONSTRUCTION DELAYS. ADDITIONAL FUNDING IS NOT ANTICIPATED. AMD 1 04-13-17: INCREASE AUTHORITY BY \$13,870.00 FROM \$188,500.00 TO \$202,370.00 DUE TO ADDITIONAL SERVICES REQUIRED BY THE DEPARTMENT. 09-09-15: LANDSCAPE ARCHITECTURE DESIGN SERVICES FOR I-15/STARR AVENUE INTERCHANGE, CLARK COUNTY. NV B/L#: NVF20101021081-R.
153	06216	03	WSP USA, INC.	GARNET INTERCHANGE ENVIRONMENTAL AND PRELIMINARY DESIGN	N	4,909,323.00	4,030,195.00	-	8,939,518.00	-	04/19/2016	06/30/2020	08/26/2019	Service Provider	Project Management	Cliff	Nick	AMD 3 08-26-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-19 TO 06-30-20 FOR CONTINUATION OF SERVICES TO ASSIST THE DEPARTMENT THROUGH THE WARRANTY PERIOD OF THE PROJECT. ADDITIONAL FUNDING IS NOT ANTICIPATED. AMD 2 07-06-17: EXTEND TERMINATION DATE FROM 12-29-17 TO 12-31-19, AMEND THE DBE REQUIREMENT FOR THIS PHASE TO 0% AS IT DOES NOT APPLY TO DESIGN-BUILD ADMINISTRATION DELIVERY PHASE OF THE PROJECT, REPLACING PAYMENT METHOD OF COST PER UNIT OF WORK WITH COST PLUS FIXED FEE, AND INCREASE AUTHORITY BY \$4,030,195.00 FROM \$4,909,323.00 TO \$8,939,518.00 DUE TO CHANGES TO THE SCOPE OF SERVICES. AMD 1 05-05-17: EXTEND TERMINATION DATE FROM 06-30-17 TO 12-29-17 TO COMPLETE WORK AND UPDATE NAME CHANGE FROM PARSON'S BRINCKERHOFF TO WSP USA, INC. 04-19-16: DEVELOP ALTERNATIVES, ENVIRONMENTAL DOCUMENTATION, PRELIMINARY DESIGN, AND DB PROCUREMENT DOCUMENTS FOR GARNET INTERCHANGE, CLARK COUNTY. NV B/L#: NVF19911025871-R

Attachment C

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
SETTLEMENTS AWARDED - INFORMATIONAL
July 17, 2019, through September 11, 2019

Line No	Type	Second Party	Settlement Amount	Notes
1	Settlement of an Eminent Domain Action	Canyon Park Apts., Inc., et al.	\$3,400.00	The settlement provides for an additional \$3,400.00 to bring the settlement total to \$5,500.00 to be paid to Canyon Park Apts., Inc., et al. for an eminent domain action. NDOT acquired approximately 92 square feet of permanent easement and 197 square feet of temporary easement for the purpose of installing a crosswalk signal pole as part of the ADA sidewalk improvement project on East Tropicana Avenue in Las Vegas.

Line Item 1

AARON D. FORD
Attorney General

KYLE E.N. GEORGE
First Assistant Attorney General

CHRISTINE JONES BRADY
Second Assistant Attorney General



JESSICA L. ADAIR
Chief of Staff

RACHEL J. ANDERSON
General Counsel

HEIDI PARRY STERN
Solicitor General

STATE OF NEVADA
OFFICE OF THE ATTORNEY GENERAL

Transportation Division
1263 South Stewart Street, Room 315
Carson City, Nevada 89712

MEMORANDUM

To: Board of Directors
Nevada Department of Transportation

From: Dennis Gallagher, Chief Deputy Attorney General

Date: August 12, 2019

Subject: Informational Item – Approval of Settlement in the matter of:
State of Nevada vs. Canyon Park Apts., Inc., et al.
8th JD A-18-781779-C
Settlement of an Eminent Domain Action

A handwritten signature in blue ink, appearing to read "Dennis Gallagher", is written over the "From:" line of the memorandum.

At their August 9, 2019 meeting, the Board of Examiners approved settlement in the amount of \$3,400.00 to resolve an eminent domain action regarding temporary and permanent easements for the installation of crosswalk signal pole and sidewalk improvements.

Attached is the June 27, 2019 memorandum to the Board of Examiners from Director Kristina Swallow, Special Counsel Joe Vadala, and myself setting forth a summary of the settlement.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7420
Fax: (775) 888-7309

MEMORANDUM

DATE: June 27, 2019

RECEIVED

TO: Board of Examiners
Governor Steve Sisolak
Attorney General Aaron D. Ford
Secretary of State Barbara K. Cegavske

JUL 2 2019

GOVERNOR'S FINANCE OFFICE
BUDGET DIVISION

FROM: Kristina L. Swallow, Director, Nevada Department of Transportation
Dennis Gallagher, Chief Deputy Attorney General
Joe Vadala, Special Counsel

SUBJECT: Proposed Settlement of an Eminent Domain Action
State of Nevada, ex rel. Department of Transportation
v. Canyon Park Apts., et al.
Eighth Judicial District Court Case No. A-18-781779-C

SUMMARY

The Nevada Department of Transportation ("NDOT") is requesting approval of an eminent domain settlement in the total amount of \$5,500.00. NDOT is acquiring a temporary and permanent easement for the installation of a crosswalk signal pole and sidewalk improvements. NDOT's proposed settlement would require \$3,400.00 in "new money." The funds will be paid in exchange for entry of judgment and a final order of condemnation, resolving this eminent domain action in its entirety.

THE ACTION

This case involves the acquisition of a very minor permanent easement (92 s/f) and a temporary construction easement (197 s/f) for the purpose of installing a crosswalk signal pole as part of an ADA sidewalk improvement project on East Tropicana Avenue in Las Vegas. Although the acquisition is minor, because the out-of-state landowner was initially non-responsive to NDOT's offers to voluntarily purchase the easements, NDOT filed the condemnation action on September 26, 2018 and obtained immediate occupancy on October 30, 2018 with the deposit of \$2,100, representing NDOT's initial estimate of just compensation. Since that time, all other named defendants have filed disclaimers of interest in this action and the landowner has now offered to settle the case for the total amount of \$5,500.00, which NDOT has accepted, subject to this Board's approval.

POINTS THAT FAVOR SETTLEMENT

The settlement amount of an additional \$3,400.00 is considered reasonable and is far, far below even the costs that would be incurred in litigating the matter, which would, at a minimum, include the cost of an updated appraisal for the acquisition, as well as all reasonably incurred costs of the landowner.

RECOMMENDATION

NDOT has considered the benefits of settlement and has made the decision that settlement is reasonable, prudent, and in the public interest. NDOT requests the authority to settle the action for a total amount of \$5,500.00 (\$3,400.00 in "new money"), resolving the action in its entirety as among all parties, inclusive of all attorney's fees, costs and interest.

FISCAL NOTE STATEMENT

NDOT will seek reimbursement from the Federal Highway Administration for the proposed settlement amount.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

September 6, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, Director
SUBJECT: October 14, 2019 Transportation Board of Directors Meeting
ITEM #10: Consideration of Proposed Equipment Purchase in Excess of \$50,000 – Land Survey Equipment GPS Base and Rover Systems pursuant to NRS 408.389. – For possible action.

Summary:

This item is to request Transportation Board Approval to purchase two Trimble R10 GPS Base and Rover systems with Data Collectors. This land survey equipment is to be purchased by the Construction Division and will be assigned to NDOT District 2 construction crews 907 and 911. These new GPS systems will replace existing outdated equipment. The replacement equipment will also support NDOT's initiative to standardize the survey equipment that is being utilized by each NDOT construction crew statewide. Due to the technological advances in survey equipment, the new R10 base and rover systems will allow the crews to perform the required construction stakeout on their assigned projects in a more efficient manner.

Background:

The Legislature approved this new equipment during their 2019 regular session. The Department would like to purchase this equipment in order to:

- 1) Replace existing outdated equipment that varies in age between 6 and 19 years old.
- 2) Support NDOT's initiative to standardize the survey equipment that is being utilized by each NDOT construction crew statewide.
- 3) Complete the process of outfitting NDOT's construction crews with equipment which is interchangeable between all construction crews in order to more effectively meet the needs of all NDOT's construction projects statewide.

By obtaining this equipment, District 2 construction crews 907 and 911 will be able to perform the required construction stakeout on their assigned projects more efficiently.

NRS 408.389 states the Department shall not purchase any equipment which exceeds \$50,000 unless the purchase is first approved by the Board. This system will assist the aforementioned construction crews in ensuring conformance to NDOT's policies and procedures as it relates to construction stakeout. The individual cost of each of these systems is over \$50,000; the cumulative total costs are \$114,900.

Analysis:

These GPS base and rover systems will allow for NDOT District 2 construction crews 907 and 911 to perform the required construction stakeout, per NDOT's policies and procedures, on their assigned construction projects in a more efficient manner.

Cost Analysis:

The Department has been utilizing both Trimble and Leica survey equipment based on each construction crews' preference. Currently, NDOT District 2 construction crews 907 and 911 are the only crews utilizing Leica survey equipment. Trimble and Leica are not interchangeable, and the Department's Survey Committee determined standardization across the state for survey equipment provides for maximizing equipment usage and interchangeability as survey needs arise within the NDOT construction crews. The majority of the NDOT construction crews (15 out of 17) utilize Trimble survey equipment, and the Department is in the final stage of phasing out the Leica survey equipment as it becomes nonfunctional and/or outdated. Once the replacement for NDOT construction crews 907 and 911 is complete, all NDOT construction crews will be utilizing the same equipment.

The Construction Division is requesting to purchase 2 Trimble GPS R10 base and rover systems. The State of Nevada's preferred vendor for Trimble construction stakeout equipment is Monsen Engineering, Inc.

Recommendation for Board Action:

The Department recommends approval of the requested equipment purchase.

Prepared by:

Sharon Foerschler, Chief Construction Engineer



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

October 4, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, P.E. Director
SUBJECT: October 14, 2019 Transportation Board of Directors Meeting
ITEM #11: Approval of Director of the Nevada Department of Transportation's Delegated Authority—
For possible action.

Summary:

The purpose of this memo is to request review of the Director of the Nevada Department of Transportation's (NDOT) delegated authority regarding contract approval.

Pursuant to NRS 408.131(6) Duties. The Board shall: Except as otherwise provided in NRS 408.389, delegate to the Director such authority as it deems necessary under the provisions of this chapter.

Background:

The Director's delegated authority was approved at the Transportation Board in July of 2011. Further, a recommendation in our June 2018 audit, Report No. C18-02 entitled Department of Transportation Administrative Contracts states:

"The NDOT Board should renew the director's contract approval limit when there is a new Governor². This will ensure the director's contract approval limit is consistent with the Governor's vision of state administration. Pursuant to NRS 408.131, the NDOT Board can delegate contract approval to the director."

Changes in delegated authority will not impact the prioritization, budget, or schedule of projects that the Board of Directors has approved the NDOT to proceed with in the Annual Work Program.

Currently, the Director has delegated authority to approve agreements up to \$300,000 and contracts up to \$5,000,000.

Memorandum

To: Department of Transportation Board of Directors

October 4, 2019

Page 2

Analysis:

The following options are presented to the Board of Directors for their consideration:

Option 1:

Change delegation of authority to:

- By approval of the Annual Work Program (AWP), the Board of Directors authorizes the Director to enter into any agreement or contract for a project approved in the AWP.
 - If any agreements and/or contracts are above 20% of what was approved in the AWP they will be placed on the agenda for Board approval; and
- any agreements and/or contracts that are not in the AWP and exceed \$1,000,000 (agreements) and \$15,000,000 (contracts).

Option 1 - In Summary

- NRS 208.280 requires that before October 1 of each year the Governor (via the Board of Directors) is presented a detailed proposed work program for the federal fiscal year ending the following September 30, stating therein the amount, character, and nature of the construction, reconstruction and improvements to be initiated on the highways within the respective counties of the State during the ensuing federal fiscal year, together with an estimate of the cost to complete such work. The NDOT meets that requirement by presenting, for approval, the Annual Work Program to the Board of Directors. Option 1 would require that approval to be accomplished at a meeting prior to that deadline and that contracts or agreements for projects not contained within the AWP or with significant changes from what is approved would be brought back to the Board of Directors for approval.
- Adjusting the thresholds to the limits proposed above reduces redundancy and may enable more projects to move forward with greater efficiency. It eliminates the unintended waiting period from the time the bid opening is closed and the contract drawn to be presented at the next available Board of Directors meeting.

Memorandum

To: Department of Transportation Board of Directors

October 4, 2019

Page 3

Option 2:

Change delegation of authority to:

- All agreements over \$1,000,000; and
- All contracts over \$15,000,000.

Option 2 – In Summary

- Adjusting the thresholds to the limits proposed above enables more projects to move forward with greater efficiency. It eliminates the unintended waiting period from the time the bid opening is closed and the contract drawn to be presented at the next available Board of Directors meeting.

Option 3:

Leave delegation authority “as-is.”

Recommendation for Board Action:

Approval and adoption of one of the options outlined above or a combination thereof.

Prepared by:

Robert C. Nellis, Assistant Director, Administration