



Department of Transportation
Board of Directors
Notice of Public Meeting
1263 South Stewart Street
Third Floor Conference Room
Carson City, Nevada
April 8, 2019 – 9:30 a.m.

AGENDA

1. Welcome / Call to Order
Governor Steve Sisolak, Controller Catherine Byrne, Lt. Gov. Kate Marshall, Len Savage, BJ AlMBERG, Virginia Valentine, Frank Martin
2. Receive Director's Report – *Informational item only.*
3. Public Comment – limited to no more than three (3) minutes. The public may comment on Agenda items prior to action by submitting a request to speak to the Chairman before the Meeting begins. – *Informational item only.*
4. Approval of the March 11, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes – *For possible action.*
5. Approval of Contracts over \$5,000,000 – *For possible action.*
6. Approval of Agreements over \$300,000 – *For possible action.*
7. 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.*
8. Condemnation Resolution No. 471 – *For possible action.*

Resolution of the Board of Directors of the Department of Transportation authorizing by condemnation of property for the reconstruction of the I-15/CC-215 Northern Beltway Interchange, Phase 4 of the I-15 North Corridor Project, in the City of North Las Vegas, Nevada; 2 owners – 4 parcels.
9. Winter Equipment Purchase – *For possible action.*
10. Old Business
 - a. I-80 East (Vista to USA Parkway) Update – *Informational item only.*
 - b. Project NEON; HOV System Updates and Improvements– *Informational item only.*
11. Public Comment – limited to no more than three (3) minutes. *Informational item only.*
12. Adjournment – *For possible action.*

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.
- Reasonable efforts will be made to assist and accommodate physically handicapped persons desiring to attend the meeting. Requests for auxiliary aids or services to assist individuals with disabilities or limited English proficiency should be made with as much advance notice as possible to the Department of Transportation at (775) 888-7440.

- This meeting is also expected to be available via video-conferencing, but is at least available via teleconferencing, 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 the Department of Transportation at (775) 888-7440. 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/>

Nevada Department of Transportation

Meeting Minutes

March 11, 2019
9:30 AM

Meeting Location: 1263 South Stewart Street
Third Floor Conference Room
Carson City NV 89712

Members Present: Governor Steve Sisolak, Chair, Lt. Governor Kate Marshall, Vice Chair, Controller Catherine Byrne, Virginia Valentine, Len Savage, BJ Almberg. *Member Frank Martin Absent.*

1. Welcome and Call to Order

Governor Sisolak called the meeting to order on Monday, March 11, 2019 at 9:30 AM. A roll call was conducted, and a **quorum was established**. It was verified that the meeting was posted in compliance with the Nevada Opening Meeting Law.

2. Presentation of Retirement Plaques to 25+ Year Employees (Informational Item)

Director Swallow read off the names of sixteen retirees with 25+ years of employment with the Department. She invited the attending retirees up to the podium for group photos. Governor Sisolak thanked the retirees for their dedicated years of service – almost 450 years between 14 people.

3. Director's Report (Informational Item)

Director Swallow shared the news from February. The highlights were:

Safety First: 2018 was a 10-year high for driver and pedestrian fatalities in Nevada. There was a 62% reduction in unrestrained fatalities, but that means that 35% of occupant fatalities were not belted at the time of the crash. In the last 10 years, there were over 600 pedestrian fatalities.

Congressional Briefings: Director Swallow attended the AASHTO meetings in Washington, D.C. in January. She and her group were able to meet with almost every one of the members of their delegation and were also able to meet with Representative Susie Lee's team member. They had great discussions about repealing the 2020 rescission, passing a long-term surface transportation bill that is fully funded, multimodal and flexible in safety and freight funding and asked for the INFRA Grants. It was a good visit. They learned a lot from their partner states and from their delegation and she's looking forward to working with them in this role going forward.

FebruBuried: February was a crazy weather month. NDOT logged more than 74,000 man-hours of snow removal in Districts 2 and 3, just in the month of February. They received also hundreds of compliments from the public including some from Nevada State Assembly Members, Danielle Monroe Moreno and John Allison. Beyond the snow, there were three consecutive days of 70 mile per hour winds. The winds resulted in more than 10 high-profile vehicles getting overturned and roadways being closed as a result of that. Even Las Vegas joined the snow party, with an epic snowfall February 21st and 22nd. There were some roadway closures, but very few in light of the severe conditions.

Construction News:

1. In Reno, Kietzke Lane will be resurfaced and restriped. The end result will be a truly multimodal corridor, with upgraded bike lanes and sidewalks for pedestrian traffic. Nearly three miles of SR-226 north of Elko will be repaved and a new culvert will be installed.
2. Project NEON, the largest public work the state has ever undertaken, is almost done, two months ahead of schedule and under budget. Ribbon cutting will be on May 16th.
3. US-50 is a \$55 million, 10-mile long safety project. The corridor will now include frontage roads, intersection lighting and drainage improvements. There will be 14-miles of new wildlife fencing and cattle guards. Alternating channelized High-T intersections at the County Roads will ensure access to all the local businesses while also making it safer for everyone traveling through the corridor.
4. The US-93 Climbing Lanes, Phase 1. NDOT completed a study that evaluated the 68 miles of US-93 for safety improvements and identified 13 locations for climbing lanes. Phase 1 is currently in design and will add truck climbing lanes in central locations along the route, northbound approximately five miles and southbound approximately two miles. There will be minimal environmental impact with this project and no additional right-of-way is needed. The preliminary estimate for Phase 1 is \$11.5 million and it's scheduled for construction in 2020.
5. Boulder Highway. Pedestrian safety upgrades along a 14-mile stretch of Boulder Highway in Clark County will be completed by summer. The six-month long project broke ground in January and will improve eight different areas, adding mid-block crosswalks with overhead rapid flashing beacons while making median enhancements and installing advanced pedestrian crossing warning signs and new crosswalks.
6. Nevada Moves Day is on March 20th. The purpose of this event is to provide children a safe opportunity to learn about bicycling and pedestrian safety to ultimately reduce congestion and improve environmental and community health. There are events scheduled throughout the state. The Director invited everyone to participate.
7. Legislative Update. AB7, which clarifies Transportation Board Authority, was heard in Assembly Government Affairs last week. AB 22 will be heard in Assembly Growth and Infrastructure on March 21st. The tentative budget hearing is on March 27th.
8. Good News. NDOT settled an inverse condemnation action that's been pending against them since 2005. NDOT will receive \$950,000 back to resolve the case.

4. Public Comment #1

None.

5. Approval of the January 31, 2019 Nevada Department of Transportation Directors Meeting Minutes (For Possible Action)

Motion: Lieutenant Governor Marshall made a motion to approve the January 31, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes. Member Savage seconded the motion. The motion passed unanimously.

6. Approval of the February 11, 2019 Nevada Department of Transportation Directors Meeting Minutes (For Possible Action)

Director Swallow had two corrections: page 5, under the motion, change \$3 million to \$300,000. On page 7 correct spelling of WASHTO.

Motion: Lieutenant Governor Marshall made a motion to approve the February 11, 2019 Nevada Department of Transportation Board of Directors Meeting Minutes with corrections. Member Almberg seconded the motion. The motion passed unanimously.

Before moving on to the next agenda item, Governor Sisolak, Lieutenant Governor Marshall, and Controller Byrne all read general disclosures pursuant to NRS 281A.420(2)(a) and NRS 408.353.

7. Approval of Contracts Over \$5,000,000 (For Possible Action)

Mr. Robert Nellis, Assistant Director for Administration, presented this agenda item. It is a resurfacing project located on US-50 and US-6 in White Pine County. There were three bids and the Director recommends award to Road and Highway Builders in the amount of \$8,640,640.

Motion: Member Savage made a motion to approve the Road and Highway Builders contract in the amount of \$8,640,640 for the resurfacing project located on US-50 and US-6 in White Pine County. Lieutenant Governor Marshall seconded the motion. The motion passed unanimously.

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

Mr. Nellis said there were five agreements under Agenda Item No. 8 for the Board's consideration. Attachment B in Board packet. Ownership interests in these companies is in the process of being collected and will be provided to the Board Members.

Member Savage had a question on Item No. 1, New Fields Mining. Are they a Nevada based company? Mr. Cole Mortensen, Assistant Director of Engineer, said he didn't know, but he would check.

Member Savage then had a question on Item No. 3 on Parsons Transportation. There was only one proposer and that was Parsons. Who is the current provider for this statewide traffic incident management? Mr. Thor Dyson, Assistant Director of Operations, said the current provider is Parsons at this time. Member Savage asked if they were doing a good job, and Mr. Dyson replied that yes, they were doing a good job.

Member Savage had a question on Item No. 5, with the CA Group. Will the private developer be reimbursing NDOT for the \$1.9 million they are investing? Mr. Mortensen replied that as part of the MOU with Brightline, Brightline will be reimbursing the Department for the costs associated with reviewing and commenting on their drawings and that coordination.

Member Savage asked another question on this same matter – how will this high-speed rail project affect the I-15 mobility and safety of the current interstate? Mr. Mortensen said part of the contract is actually hiring high-speed rail experts to evaluate the impact on I-15 so NDOT can work with Brightline to ensure that I-15 can be widened as necessary in the future.

Member Savage had one last question on the high-speed rail, the liability for NDOT. Will there be a performance and payment bond provided by the developer to ensure that where they conflict with NDOT bridges, runoff, storm water barriers, etc., to ensure that they don't impact the state's transportation and mobility? Mr. Mortensen replied that he would anticipate that that would be handled like a typical permit job and would have bonding. Those permits are generally reviewed and handled by NDOT engineers.

Mr. Nellis had an answer to Member Savage's question about New Fields. They are a foreign corporation, not a Nevada corporation. They have a Nevada business license.

Governor Sisolak asked if New Fields was employing Nevada people or were, they bringing an outside crew? Mr. Nellis said he couldn't answer that. Mr. Mortensen said it was his understanding they have four Nevada offices even though they're an international firm.

Member Alberg had a question back to No. 1, with the geotechnical investigation. Is New Fields Mining providing a geotechnical report and strictly a review of the plan and specifications or are they actually designing the plan and specifications as well? Mr. Mortensen replied he thought their role on this project will be the geotechnical exploration and providing the geotechnical information to the team and the remainder of the design is being done by NDOT staff.

Governor Sisolak asked if there were further questions or comments, and there were none. He asked for a motion.

Motion: Lieutenant Governor Marshall made a motion to approve the five agreements detailed in Agenda Item No. 8 (Attachment B). Member Savage seconded the motion. The motion passed unanimously.

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

Mr. Nellis said there were three attachments under Agenda Item No. 9 for the Board's information.

Attachment A is the contracts awarded. The first one is proposing to construct new sidewalks and ADA ramps on US-93 in Elko County. The second project is to replace and resurface a bridge on SR-226 in Elko County. There are 29 executed agreements under Attachment B. 16 agreements are on Pages 8 and 9 of 17. Item 17-29 are no-cost agreements and amendments on Page 10 of 17. Last, the one settlement under Attachment C was reported on by Director Swallow.

Lieutenant Governor Marshall had some questions on Attachment B with respect to Item No. 7. She wondered about the grant preparation part. Ms. Sondra Rosenberg, Assistant Director for Planning, replied that grant was for the INFRA Grant, one of the discretionary grants provided by the US Department of Transportation. NDOT doesn't have the expertise or the staff resources in-house to complete those. It's a pretty cumbersome application. It's fairly typical that the Department does consult for grant preparation on those.

The Lieutenant Governor said she wondered if any "global" analysis had been done on the grant writing process in general, including how the contracts are awarded and to whom. Ms. Rosenberg said they typically contract with those firms that are already working on the project. The reason there are separate agreements is that NDOT can't use federal funds to procure federal funds. In the future they hope to RFP to find firms who are experts in grant preparation so that they can have them available and then just issue task orders as the grant opportunities come up.

The Lieutenant Governor asked if there were in-house personnel to apply for federal grants? Ms. Rosenberg described the detailed requirements for the grant applications and said the Department just didn't have the resources or personnel to do that.

Lieutenant Governor Marshall asked a question with respect to CA Group. They're already working on the Tropicana/I-15. So now this federal grant money comes in, so are they just getting this extra money or are they doing something to get that money? Ms. Rosenberg said in their accounting for their costs and their time separately for when they're developing a project versus when they're developing the application. Because they're already working, they have the technical expertise and typically they will add someone as well who is a grant writer or a proposal writer.

Governor Sisolak asked how are these firms selected for the grant preparation? Ms. Rosenberg replied that because of the short timeframe, they usually look to see who is already working in that area or has previously because they have that technical expertise and they're able to turn it around a lot quicker. The Governor asked who makes that determination? Ms. Rosenberg replied that staff makes a recommendation to the Director. The Governor asked if the Department does an analysis about how successful the grant preparation folks are in terms of getting a grant? Ms. Rosenberg said they have not yet, but that's certainly something they can look into. The Governor asked why wouldn't the Department use the most successful people?

Director Swallow explained federal grants are few and far between and the Department is more successful when they have the information that they need in that grant application. There may be grant writers who might be more successful, but the Department is going to have to pay the consultant who is already doing the work to provide all of that technical information to the grant writer. They need to make sure that their consultants have qualified, capable, proven successful grant writers on their team, but make sure that they're leveraging the technical capability of the consultants.

Governor Sisolak again asked why would the Department be hiring grant writers that aren't the most successful? If they're not hiring the best, why are they hiring anybody? Director Swallow said they'll go back and do an analysis of overall, the grant applications that they've submitted versus been successful on. But the nature of the federal grant process is that regardless of the successful writing of it, there's politics involved, and a lot of other things involved that may or may not have to do with the grant writers themselves.

Member Savage said the Governor had an excellent point; he was looking for the batting average. He said the Department could look back at the last three years and take this up at the next Construction Working Group level.

Lieutenant Governor Marshall said if states like Nevada are more successful, then maybe they could try to understand whether that's an issue they need to take up with the federal delegation, whether that's something that they could be doing differently.

The Lieutenant Governor had a question about Item No. 9, Public Outreach. Could someone detail what the \$250,000 for public outreach entailed? Mr. Sean Sever, Communications Director, replied this is a fund for the Department when construction projects come down the line and they don't have outreach attached. For instance, sometimes a 3R project doesn't have outreach attached. The Department will add outreach to those projects. So, they're not going to use all the allocated money right off the bat. It's a fund to be used in case it's necessary and that's statewide. Whenever a project comes in, the Department likes to notify everybody in the neighborhood, draw a one-mile radius around that particular project area. NDOT likes to let them know before the projects happen; it's very important. Outreach makes the projects go a lot smoother.

Lieutenant Governor Marshall asked why are they hiring an outside firm to do that? Mr. Sever said there could be 50,000 people that are impacted by a particular project and NDOT doesn't have the resources and staff to hit all of these people at the same time themselves.

Member Savage said on most construction projects, it's paid dividends in the past, even though the Department had to expend the public outreach monies up front. It's really ensured the mobility and the safety and made the people aware. It really takes the Department off of defense.

Lieutenant Governor Marshall asked about Item No. 12 where it says, "Freight Plan." She asked if someone could come back to her at a later point and identify for her how often the Department does Freight Plans and whether each freight plan builds on the previous one. Maybe they need to take more global look at what might be the strategy behind redoing a freight plan and value-added. Director Swallow said she definitely circle back with the Lieutenant Governor on this topic.

Member AlMBERG had a comment on the fact that many questions came up about NDOT staffing and lack of staff to perform certain tasks. He said the Governor did a very positive thing last month when he requested to go back and look at the salaries that were being paid so that NDOT can get in-house staff to perform tasks now being outsourced.

Governor Sisolak had a question about Item No. 13, Probolsky Research for customer satisfaction surveys. Is that a Nevada firm? Mr. Sever responded it is not a Nevada firm. They did an RFP and that company won the RFP competition. The Governor said it is extremely important to him that they put Nevada people to work. These are Nevada taxpayer dollars that they're expending for a customer survey. So, they have to find Nevada

companies that are competitive and keep companies working and Nevada citizens working on these jobs. It's really, really important. When at all possible, they should use Nevada firms.

10. Resolution of Abandonment (For Possible Action)

Ms. Jessica Biggen, Chief Right-of-Way Agent, stated the Department is requesting for disposal of a portion of right-of-way along Centerville Lane. They currently have an easement interest in this right-of-way that they obtained from Douglas County at no-cost. They have thoroughly vetted this request and have determined that this parcel is no longer needed for maintenance or construction of the highway.

Motion: Lieutenant Governor Marshall made a motion to approve the Resolution of Abandonment as detailed in Agenda Item No. 10. Member Almberg seconded the motion. The motion passed unanimously.

11. Condemnation Resolution No. 470 (For Possible Action)

Ms. Biggen stated for this project, it was determined that they needed one permanent easement and two temporary construction easements from the Union Pacific Railroad to construct and maintain a ramp over the railroad. They made an offer to the Railroad on November 20, 2018. They have been unsuccessful to negotiate with the Railroad. So, in order to keep the project schedule, they're requesting condemnation authority with continued negotiations with the Railroad.

Motion: Member Savage made a motion to approve the Condemnation Resolution No. 470. Lieutenant Governor Marshall seconded the motion. The motion passed unanimously.

12. Public Comment #2

Mr. Ray Lake, Chairman of the North Valley Citizens Advisory Board in Washoe County, had some positive comments about NDOT's response to a concern he raised three years ago about traffic on 395. The staff at NDOT was very helpful and now they have some lane restriping at Clear Acre and McCarran that's alleviated some problems. He thanked the Department for their hard work and focus on their stakeholders.

13. Adjournment (For Possible Action)

Motion: Lieutenant Governor Marshall made a motion to adjourn. Member Almberg seconded the motion. The motion passed unanimously.

Transportation Board Meeting
March 11, 2019
Owners and Principles of Contracts/Agreements Approval Items

Contracts

- **Line Item #1 Contract 3760: Road and Highway Builders, LLC**
 - Richard H. Buenting – 50% Owner
 - Sterling Construction Company, Inc – 50% Owner
 - The company has 17 principals on record. The principals are Brian R Manning from The Woodlands TX, Charles R Patton from The Woodlands TX, Con L Wadsworth from The Woodlands TX, Craig B Allen from The Woodlands TX, Kevan M Blair from The Woodlands TX, Maarten D Hemsley from The Woodlands TX, Marian M Devenport from The Woodlands TX, Milton L Scott from The Woodlands TX, Nicholas Kakasenko from The Woodlands TX, Paul J Varello from The Woodlands TX, Peter E Mackenna from The Woodlands TX, Peter J Holland from The Woodlands TX, Richard O Schaum from The Woodlands TX, Roger M Barzun from The Woodlands TX, Scott Demasse from The Woodlands TX, Thomas R Wright from The Woodlands TX, and Wayne Bowden from The Woodlands TX

Agreements

- **Line Item #1 Agreement 31718: Newfields Mining Design & Technical Services**
 - William L. Hall, Chairman, Member
 - Shahrokh Rouhani, President, Member
 - Gary R. Krieger, Vice President, Member
 - Patrick C. Gobb, CEO, Member
 - Michael Wild, Member
 - Ginger L. Hicks, Member
- **Line Item #2 Agreement 38718: Diversified Consulting Services**
 - Mike Glock, PE – President
 - Michael Johnson, PE – Vice President
 - Jeff Radke, PE – Treasurer
 - Chad McDermott, PE - Project Manager
- **Line Item #3 Agreement 58818: Parsons Transportation Group, Inc.**
 - Employee owned. Not more than .05% per employee.
- **Line Item #4 Agreement 61417: HDR Engineering, Inc.**
 - Employee owned company – no more than 1% share per employee
 - President – Eric Keen
 - HDR Engineering, Inc. has a Board of Directors – comprised of 9 members
- **Line Item #5 Agreement 67118: CA Group**
 - Chad Anson – 37.5%
 - Jim Caviola – 37.5%
 - Remaining 25% was purchased back, placed in stock of company.



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

MEMORANDUM

March 29, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: April 8, 2019, Transportation Board of Directors Meeting
Item #5: 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 February 13, 2019, through March 14, 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, February 13, 2019, through March 14, 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
 February 13, 2019, through March 14, 2019**

1. February 28, 2019 at 1:30 PM the following bids were opened for Contract 3763, Project No. NHP-580-2 (001), on I-580, Carson City Freeway, from Fairview Interchange to 0.66 Miles South of the Carson City/Washoe County Line, in Carson City County, for cold-milling with plantmix bituminous surface and open graded surface.

Q & D Construction, LLC	\$12,700,000.00
Road and Highway Builders, LLC	\$13,212,212.00
Granite Construction Company.....	\$13,669,669.00

Engineer's Estimate.....\$11,267,006.48

The Director recommends award to Q & D Construction, LLC in the amount of \$12,700,000.00.

2. February 28, 2019 at 2:00 PM the following bids were opened for Contract 3762, Project No. SP-580-1(025), on I-580 from 0.45 Miles North of Damonte Ranch Parkway to Moana Lane, in WASHOE County, for Install ITS Infrastructure.

PAR Electrical Contractors, Inc.....	\$8,591,382.43
Titan Electrical Contracting, Inc	\$9,967,798.64

Engineer's Estimate.....\$7,540,597.03

The Director recommends award to PAR Electrical Contractors, Inc. in the amount of \$8,591,382.43.

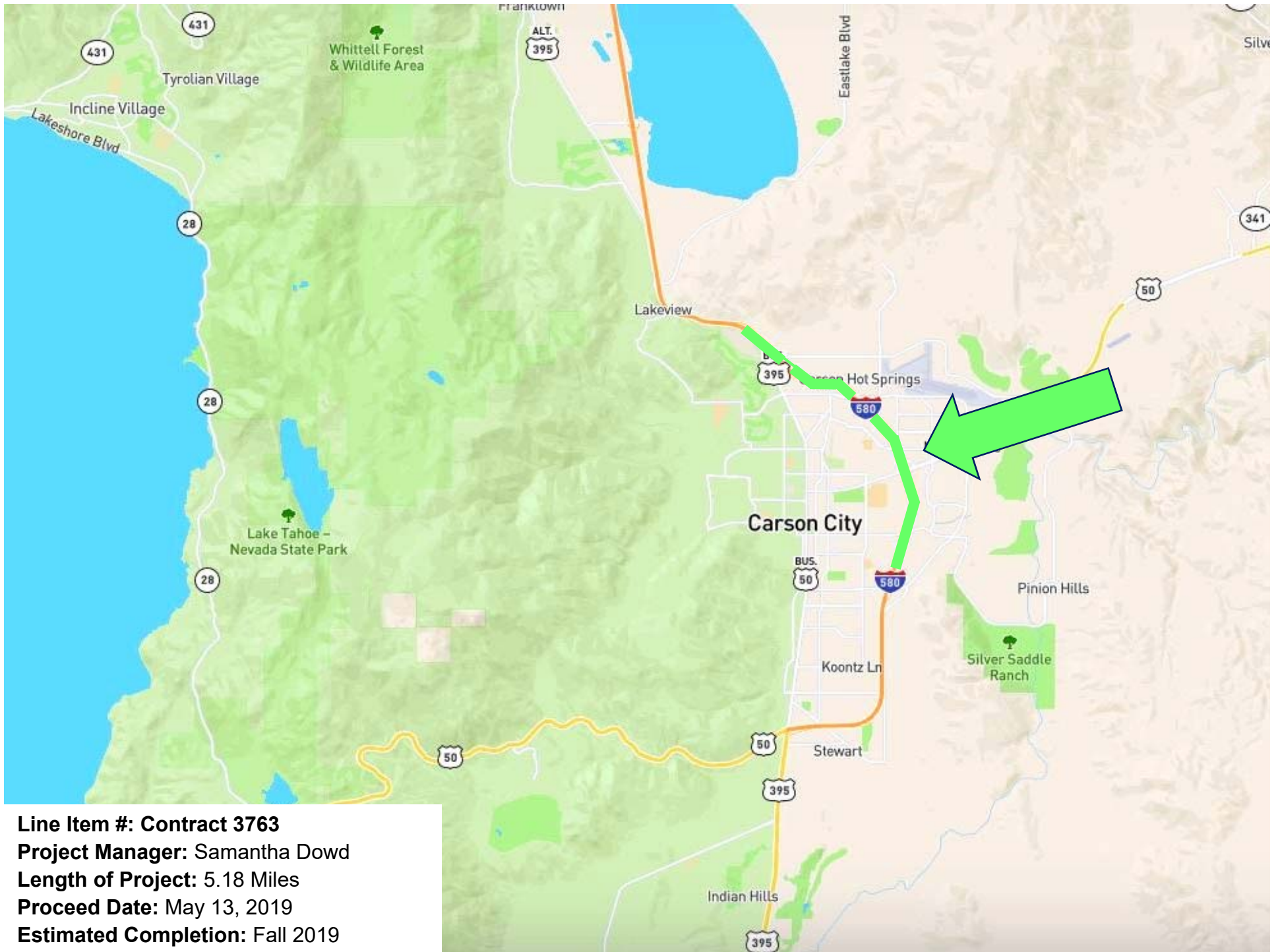
3. March 14, 2019 at 2:00 PM the following bids were opened for Contract 3765, Project No. NHP-080-5(041), on I-80, from 1.040 Miles East of the Moor Interchange to 1.871 Miles East of the Oasis Interchange, in Elko County, for coldmill and place plantmix bituminous surface with open grade, construct a new eastbound truck climbing lane, repair bridges, and construct improvements to on-ramps at Pequop Summit Interchange.

W.W. Clyde & Co.....	\$31,615,000.00
Road and Highway Builders, LLC	\$33,131,131.00
Q & D Construction, LLC	\$35,690,000.00

Engineer's Estimate.....\$35,152,895.40

The Director recommends award to W.W. Clyde & Co. in the amount of \$31,615,000.00.

Line Item 1



Line Item #: Contract 3763
Project Manager: Samantha Dowd
Length of Project: 5.18 Miles
Proceed Date: May 13, 2019
Estimated Completion: Fall 2019



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 20, 2019

To: Kristina L Swallow, Director
Cole Mortensen, Assistant Director, Engineering
Thor Dyson, Assistant Director, Operations

From: Cori Brennan, Program Officer II – Administrative Services

Subject: Concurrence in Award for Contract No. 3763, Project No. NHP-580-1(033), on I-580, Carson City Freeway, from Fairview Interchange to 0.66 Miles South of the Carson City / Washoe County Line, in Carson City County, described as cold-milling with plantmix bituminous surface and open graded surface. The Engineer's Estimate is \$11,267,006.48.

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

Bid proposals were opened on February 28, 2019. Q & D Construction LLC is the apparent low bidder at \$12,700,000.00 and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Road and Highway Builders LLC with a bid of \$13,212,212.00.

The project is Federally funded, required 3.50% DBE participation and is not subject to State Bidder Preference provisions.

The subcontractor and supplier listings submitted by the Q & D Construction LLC have been reviewed and confirmed by Contract Services. The DBE information submitted by the Q & D Construction LLC has been reviewed and certified by the External Civil Rights office. Q & D Construction LLC has met the required DBE participation with a 3.54% commitment. The bid is above 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:

Cole Mortensen, Assistant Director

Thor Dyson, Assistant Director

Kristina L. Swallow, Director

Enclosures:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 February 28, 2019

Contract Number: 3763	Bid Opening Date and Time: 2/28/2019 1:30 PM
Designer: CURTIS HARTZELL	Liquidated Damages: \$14,700.00
Senior Designer: SAMANTHA DOWD	Working Days: 125
Estimate Range: R29 \$9,550,000.01 to \$11,500,000	District: DISTRICT 2
Project Number: NHP-580-2(001)	

County: CARSON CITY
Location: I-580, Carson City Freeway, from Fairview Interchange to 0.66 Miles South of the Carson City / Washoe County Line
Description: Cold-Milling with Plantmix Bituminous Surface and Open Graded Surface

	Actual Bid
Apparent Low Bidder: Q & D Construction LLC	\$12,700,000.00
Apparent 2nd: Road and Highway Builders LLC	\$13,212,212.00
Apparent 3rd: Granite Construction Company	\$13,669,669.00

Bidders:	Actual Bid Amount
1 Q & D Construction LLC 1050 South 21st Street Sparks, NV 89431 (775) 786-2677	\$12,700,000.00
2 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	\$13,212,212.00
3 Granite Construction Company 585 West Beach Street Watsonville, CA 95076 (831) 724-1011	\$13,669,669.00




1263 South Stewart Street
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Phone: (775) 888-7497
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MEMORANDUM
Contract Compliance

March 18, 2019

To: Lynn Hoffman, Administrative Services Officer III

From: Teri Lewis, DBE/Title VI Assistant Manager 

Subject: NDOT Bidder DBE Information – Contract no. 3763, I-580, Carson City Freeway, from Fairview Interchange to 0.66 Miles South of the Carson City / Washoe County Line, in Carson City County, to Cold-Milling with Plantmix Bituminous Surface and Open Graded Surface

Apparent low bid: \$12,700,000.00

The DBE information for Pavement Management Solutions, Norton Consulting, LLC DBA Silver State Barricade & Sign, Las Vegas Lighting, Great Basin Water Supply, and D & D Transport as submitted by the apparent low bidder, Q & D Construction LLC has been received by Contract Compliance and we have concluded:

Pavement Management Solutions, Norton Consulting, LLC DBA Silver State Barricade & Sign, Las Vegas Lighting, Great Basin Water Supply, and D & D Transport hold an active State of Nevada business license, and are Nevada certified DBE firms. Pavement Management Solutions, Norton Consulting, LLC DBA Silver State Barricade & Sign, Las Vegas Lighting, Great Basin Water Supply, and D & D Transport are clear of State disqualification and Federal exclusion.

The DBE goal of 3.50% has been met with a 3.54% DBE committed participation by the apparent low bidder Q & D Construction LLC.

The DBE firms are approved for this contract.

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



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 15, 2019

To: Lynn Hoffman, ASO III - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3763

The Bid Review and Analysis Team (BRAT) met on March 12, 2019 to discuss bids for the above referenced contract. The following were in attendance:


- Scott Hein, Chief Roadway Design Engineer
- Sharon Foerschler, Chief Constructability Engineer
- Cori Brennan, Program Officer
- Mark Caffaratti, Professional Engineer
- Casey Connor, Professional Engineer
- Kimberly Diegle, Professional Engineer
- Samantha Dowd, Associate Engineer
- Eric Macgill, Associate Engineer
- Dale Wegner, FHWA
- Michael West, Associate Engineer

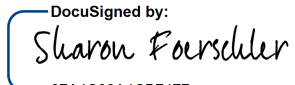
Via Phone:
Rick Bosch, Professional Engineer

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

The apparent low bidder, Q&D Construction, submitted a bid which is 113% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

E7F2D4506AC6488...
Scott Hein, BRAT Co-Chair

DocuSigned by:

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

cc: Attendees;
Dennis Gallagher, Legal
Design Admin

Bid Tabulation**- March 1, 2019 -**

Contract No.: 3763
Description: Cold-Milling with Plantmix Bituminous Surface and Open Graded Surface
Location: I-580, Carson City Freeway, from Fairview Interchange to 0.66 Miles South of the Carson City / Washoe County Line
Bid Opening: February 28, 2019, 1:30 PM

Project No.: NHP-580-2(001)
Project Id: 60696
County: Carson City
Range: R29 (\$9,550,000.01 to \$11,500,000.00)
Working: 125

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Road and Highway Builders		Granite Construction Company	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1100050	500.000	HOURL	TRAINING	\$0.80	\$400.00	\$0.80	\$400.00	\$0.80	\$400.00	\$0.80	\$400.00
2010100	1.000	LS	CLEARING AND GRUBBING	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
2020165	173.000	LINFT	REMOVAL OF JOINT SEAL	\$25.00	\$4,325.00	\$18.00	\$3,114.00	\$100.00	\$17,300.00	\$36.00	\$6,228.00
2020345	448.000	SQYD	REMOVE CONCRETE SURFACE (COLD MILLING)	\$20.00	\$8,960.00	\$46.00	\$20,608.00	\$20.00	\$8,960.00	\$60.00	\$26,880.00
2020475	138.000	LINFT	REMOVAL OF GUARDRAIL	\$25.00	\$3,450.00	\$5.50	\$759.00	\$12.00	\$1,656.00	\$5.50	\$759.00
2020477	1,549.000	LINFT	REMOVE CABLE BARRIER	\$4.00	\$6,196.00	\$4.50	\$6,970.50	\$8.00	\$12,392.00	\$4.50	\$6,970.50
2020895	64.000	EACH	REMOVE LIGHTING FIXTURES	\$80.00	\$5,120.00	\$130.00	\$8,320.00	\$100.00	\$6,400.00	\$127.00	\$8,128.00
2020935	162.500	CUYD	REMOVAL OF COMPOSITE SURFACE	\$120.00	\$19,500.00	\$245.00	\$39,812.50	\$180.00	\$29,250.00	\$135.00	\$21,937.50
2020990	342,862.000	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$2.00	\$685,724.00	\$1.70	\$582,865.40	\$4.00	\$1,371,448.00	\$2.10	\$720,010.20
2020995	17,143.000	SQYD	REMOVAL OF BITUMINOUS SURFACE (MISCELLANEOUS COLD MILLING)	\$2.50	\$42,857.50	\$1.00	\$17,143.00	\$1.00	\$17,143.00	\$2.00	\$34,286.00
2021287	241,167.000	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$0.50	\$120,583.50	\$0.45	\$108,525.15	\$0.50	\$120,583.50	\$0.45	\$108,525.15
2030140	2,245.000	CUYD	ROADWAY EXCAVATION	\$38.00	\$85,310.00	\$50.00	\$112,250.00	\$50.00	\$112,250.00	\$60.00	\$134,700.00
2030360	8,311.180	SQYD	BASE PREPARATION	\$2.00	\$16,622.36	\$0.50	\$4,155.59	\$2.00	\$16,622.36	\$0.25	\$2,077.80
2030700	1,445.000	SQYD	GEOTEXTILE (CLASS 2)	\$5.00	\$7,225.00	\$2.20	\$3,179.00	\$4.00	\$5,780.00	\$1.40	\$2,023.00
2110530	10.000	CUYD	ROCK MULCH	\$100.00	\$1,000.00	\$250.00	\$2,500.00	\$180.00	\$1,800.00	\$260.00	\$2,600.00
2120870	5.700	TON	DECORATIVE ROCK (TYPE A)	\$300.00	\$1,710.00	\$450.00	\$2,565.00	\$200.00	\$1,140.00	\$300.00	\$1,710.00
2120880	8.100	TON	DECORATIVE ROCK (TYPE B)	\$200.00	\$1,620.00	\$450.00	\$3,645.00	\$250.00	\$2,025.00	\$290.00	\$2,349.00
2120890	1.500	TON	DECORATIVE ROCK (TYPE C)	\$300.00	\$450.00	\$450.00	\$675.00	\$400.00	\$600.00	\$360.00	\$540.00
3020140	427.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$150.00	\$64,050.00	\$140.00	\$59,780.00	\$100.00	\$42,700.00	\$180.00	\$76,860.00
3070100	9,444.000	TON	SHOULDERING MATERIAL	\$24.00	\$226,656.00	\$24.00	\$226,656.00	\$4.00	\$37,776.00	\$2.70	\$25,498.80
4020100	1,788.000	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$20.00	\$35,760.00	\$14.00	\$25,032.00	\$40.00	\$71,520.00	\$14.75	\$26,373.00
4020110	1,260.000	SQYD	PLANTMIX PAVED DITCHES	\$18.00	\$22,680.00	\$12.00	\$15,120.00	\$20.00	\$25,200.00	\$10.50	\$13,230.00
4020190	42,722.000	TON	PLANTMIX SURFACING (TYPE 2C) (WET)	\$83.00	\$3,545,926.00	\$98.00	\$4,186,756.00	\$90.00	\$3,844,980.00	\$105.00	\$4,485,810.00
4030110	13,179.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$110.00	\$1,449,690.00	\$125.00	\$1,647,375.00	\$125.00	\$1,647,375.00	\$143.00	\$1,884,597.00
4060120	9,717.930	SQYD	PRIME COAT	\$1.00	\$9,717.93	\$0.50	\$4,858.97	\$0.50	\$4,858.97	\$0.80	\$7,774.34
4960130	448.000	SQYD	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	\$60.00	\$26,880.00	\$76.00	\$34,048.00	\$100.00	\$44,800.00	\$190.00	\$85,120.00
4960160	47,292.000	POUND	POLYMER CONCRETE AGGREGATE	\$0.75	\$35,469.00	\$0.25	\$11,823.00	\$1.00	\$47,292.00	\$0.55	\$26,010.60
4960170	5,676.000	POUND	POLYMER CONCRETE RESIN	\$8.00	\$45,408.00	\$1.94	\$11,011.44	\$4.00	\$22,704.00	\$4.55	\$25,825.80
4970100	8,862.000	SQYD	BRIDGE DECK PREPARATION	\$10.00	\$88,620.00	\$1.00	\$8,862.00	\$3.00	\$26,586.00	\$4.15	\$36,777.30
4970110	8,862.000	SQYD	THIN BONDED MULTILAYER OVERLAY	\$35.00	\$310,170.00	\$45.00	\$398,790.00	\$20.00	\$177,240.00	\$48.50	\$429,807.00
5020360	1.000	FA	CONCRETE BRIDGE DECK REPAIR	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00
5020380	1.000	FA	CONCRETE SUPERSTRUCTURE REPAIR	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
5020760	4.740	CUYD	CLASS AA CONCRETE (ISLAND PAVING)	\$800.00	\$3,792.00	\$775.00	\$3,673.50	\$1,000.00	\$4,740.00	\$495.00	\$2,346.30
5020770	13.130	CUYD	CLASS AA CONCRETE (ISLAND PAVING) (SPECIAL)	\$800.00	\$10,504.00	\$625.00	\$8,206.25	\$900.00	\$11,817.00	\$890.00	\$11,685.70
5021830	173.000	LINFT	STRIP SEAL GLAND (3-INCH MOVEMENT)	\$50.00	\$8,650.00	\$59.00	\$10,207.00	\$200.00	\$34,600.00	\$49.00	\$8,477.00
5060110	1,430.000	POUND	STRUCTURAL STEEL	\$5.00	\$7,150.00	\$6.50	\$9,295.00	\$9.00	\$12,870.00	\$5.00	\$7,150.00
6080150	1.000	EACH	EMBANKMENT PROTECTOR, TYPE 5	\$3,700.00	\$3,700.00	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00
6080230	2.000	EACH	ANCHOR ASSEMBLY (12-INCH)	\$550.00	\$1,100.00	\$345.00	\$690.00	\$300.00	\$600.00	\$390.00	\$780.00
6080350	20.000	LINFT	12-INCH DOWNDRAIN PIPE	\$125.00	\$2,500.00	\$140.00	\$2,800.00	\$300.00	\$6,000.00	\$16.00	\$320.00
6080460	1.000	EACH	12-INCH METAL END SECTION (DOWNDRAIN)	\$450.00	\$450.00	\$700.00	\$700.00	\$800.00	\$800.00	\$120.00	\$120.00
6090260	16.000	EACH	ADJUSTING MANHOLE COVERS (METHOD B)	\$1,500.00	\$24,000.00	\$900.00	\$14,400.00	\$1,800.00	\$28,800.00	\$1,600.00	\$25,600.00
6090600	3.000	EACH	ADJUSTING VALVE COVERS (METHOD B)	\$1,500.00	\$4,500.00	\$550.00	\$1,650.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00

Bid Tabulation

- March 1, 2019 -

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Road and Highway Builders		Granite Construction Company	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6090620	30.000	EACH	ADJUST DROP INLET	\$1,500.00	\$45,000.00	\$1,600.00	\$48,000.00	\$600.00	\$18,000.00	\$3,000.00	\$90,000.00
6100170	326.000	CUYD	RIPRAP (CLASS 150)	\$100.00	\$32,600.00	\$86.00	\$28,036.00	\$180.00	\$58,680.00	\$72.00	\$23,472.00
6100460	218.000	CUYD	RIPRAP BEDDING (CLASS 150)	\$80.00	\$17,440.00	\$110.00	\$23,980.00	\$100.00	\$21,800.00	\$60.00	\$13,080.00
6130130	38.400	SQYD	DETECTABLE WARNINGS	\$300.00	\$11,520.00	\$430.00	\$16,512.00	\$150.00	\$5,760.00	\$210.00	\$8,064.00
6130810	271.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 4)	\$30.00	\$8,130.00	\$70.00	\$18,970.00	\$50.00	\$13,550.00	\$46.00	\$12,466.00
6130830	458.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 5)	\$50.00	\$22,900.00	\$65.00	\$29,770.00	\$80.00	\$36,640.00	\$49.00	\$22,442.00
6131140	110.600	SQYD	CLASS AA CONCRETE SIDEWALK (4-INCH)	\$78.00	\$8,626.80	\$110.00	\$12,166.00	\$80.00	\$8,848.00	\$83.50	\$9,235.10
6131430	273.300	SQYD	CLASS AA CONCRETE RAMP (4-INCH)	\$150.00	\$40,995.00	\$110.00	\$30,063.00	\$150.00	\$40,995.00	\$131.00	\$35,802.30
6180230	1,549.000	LINFT	CABLE BARRIER	\$25.00	\$38,725.00	\$28.00	\$43,372.00	\$20.00	\$30,980.00	\$27.50	\$42,597.50
6180240	2.000	EACH	CABLE BARRIER TERMINAL	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00	\$3,000.00	\$6,000.00	\$5,750.00	\$11,500.00
6180250	2,391.000	LINFT	REMOVE AND RESET GUARDRAIL	\$12.00	\$28,692.00	\$12.00	\$28,692.00	\$3.00	\$7,173.00	\$11.50	\$27,496.50
6180270	6.000	EACH	TRAILING END ANCHOR	\$2,000.00	\$12,000.00	\$1,250.00	\$7,500.00	\$2,500.00	\$15,000.00	\$1,250.00	\$7,500.00
6180350	6.000	EACH	GUARDRAIL TERMINAL (FLARED)	\$3,000.00	\$18,000.00	\$2,900.00	\$17,400.00	\$3,000.00	\$18,000.00	\$2,900.00	\$17,400.00
6180400	2.000	EACH	GUARDRAIL- BARRIER RAIL CONNECTION (TRIPLE CORRUGATION)	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	\$1,500.00	\$3,000.00	\$3,500.00	\$7,000.00
6180550	814.000	LINFT	GALVANIZED GUARDRAIL (TRIPLE CORRUGATION)	\$60.00	\$48,840.00	\$37.00	\$30,118.00	\$40.00	\$32,560.00	\$36.50	\$29,711.00
6190200	515.000	EACH	GUIDE POSTS (RIGID)	\$48.00	\$24,720.00	\$45.00	\$23,175.00	\$20.00	\$10,300.00	\$45.00	\$23,175.00
6190210	4.000	EACH	GUIDE POSTS (FLEXIBLE)	\$75.00	\$300.00	\$69.00	\$276.00	\$50.00	\$200.00	\$69.00	\$276.00
6210100	1.000	EACH	PERPETUATE SURVEY MONUMENTS	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,250.00	\$2,250.00
6230201	4.000	EACH	ITS VAULT	\$3,700.00	\$14,800.00	\$4,300.00	\$17,200.00	\$2,000.00	\$8,000.00	\$4,252.00	\$17,008.00
6230232	54.000	EACH	NO. 5 PULL BOX, MODIFIED	\$650.00	\$35,100.00	\$935.00	\$50,490.00	\$1,000.00	\$54,000.00	\$933.00	\$50,382.00
6230236	43.000	EACH	NO. 7 PULL BOX, MODIFIED	\$1,100.00	\$47,300.00	\$1,500.00	\$64,500.00	\$1,200.00	\$51,600.00	\$1,495.00	\$64,285.00
6230260	4.000	EACH	JUNCTION BOX (C)	\$800.00	\$3,200.00	\$1,565.00	\$6,260.00	\$2,000.00	\$8,000.00	\$1,561.00	\$6,244.00
6230267	17.000	EACH	LUMINAIRE, TYPE A	\$800.00	\$13,600.00	\$625.00	\$10,625.00	\$500.00	\$8,500.00	\$623.00	\$10,591.00
6230268	47.000	EACH	LUMINAIRE, TYPE B	\$650.00	\$30,550.00	\$500.00	\$23,500.00	\$600.00	\$28,200.00	\$497.00	\$23,359.00
6230653	8.000	EACH	ITS POLE (30 FOOT)	\$6,000.00	\$48,000.00	\$5,660.00	\$45,280.00	\$10,000.00	\$80,000.00	\$5,654.00	\$45,232.00
6230658	8.000	EACH	ITS POLE (80 FOOT)	\$25,000.00	\$200,000.00	\$34,600.00	\$276,800.00	\$50,000.00	\$400,000.00	\$34,593.00	\$276,744.00
6230921	16.000	EACH	RADAR DETECTOR SYSTEM	\$10,000.00	\$160,000.00	\$8,300.00	\$132,800.00	\$2,000.00	\$32,000.00	\$8,256.00	\$132,096.00
6230925	16.000	EACH	PIEZOELECTRIC SENSOR	\$1,000.00	\$16,000.00	\$1,965.00	\$31,440.00	\$500.00	\$8,000.00	\$1,964.00	\$31,424.00
6231060	2.000	EACH	SPECIAL M-1 CABINET	\$7,000.00	\$14,000.00	\$6,305.00	\$12,610.00	\$5,000.00	\$10,000.00	\$6,301.00	\$12,602.00
6231061	16.000	EACH	COMMUNICATION CABINET	\$5,500.00	\$88,000.00	\$8,140.00	\$130,240.00	\$4,000.00	\$64,000.00	\$8,140.00	\$130,240.00
6231259	2,902.000	LINFT	ETHERNET CABLE	\$1.75	\$5,078.50	\$1.60	\$4,643.20	\$8.00	\$23,216.00	\$1.60	\$4,643.20
6231261	16.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$7,000.00	\$112,000.00	\$8,580.00	\$137,280.00	\$10,000.00	\$160,000.00	\$8,577.00	\$137,232.00
6231262	8.000	EACH	VIDEO ENCODER	\$2,000.00	\$16,000.00	\$1,605.00	\$12,840.00	\$1,500.00	\$12,000.00	\$1,605.00	\$12,840.00
6231620	4.000	EACH	UNDERGROUND ELECTRICAL SERVICE	\$4,500.00	\$18,000.00	\$7,085.00	\$28,340.00	\$10,000.00	\$40,000.00	\$7,085.00	\$28,340.00
6231635	5.000	EACH	MODIFY ELECTRICAL SERVICE	\$2,500.00	\$12,500.00	\$900.00	\$4,500.00	\$2,000.00	\$10,000.00	\$894.00	\$4,470.00
6231722	2.000	EACH	TRANSFORMER (3 KVA)	\$3,500.00	\$7,000.00	\$3,250.00	\$6,500.00	\$5,000.00	\$10,000.00	\$3,247.00	\$6,494.00
6231790	7,370.000	LINFT	1 1/4-INCH CONDUIT	\$3.00	\$22,110.00	\$4.00	\$29,480.00	\$7.00	\$51,590.00	\$3.90	\$28,743.00
6231805	1,317.000	LINFT	2-INCH CONDUIT	\$15.00	\$19,755.00	\$22.00	\$28,974.00	\$8.00	\$10,536.00	\$21.80	\$28,710.60
6231820	20,108.000	LINFT	3-INCH CONDUIT	\$20.00	\$402,160.00	\$16.00	\$321,728.00	\$12.00	\$241,296.00	\$15.80	\$317,706.40
6231830	80.000	LINFT	4-INCH CONDUIT	\$10.00	\$800.00	\$29.00	\$2,320.00	\$100.00	\$8,000.00	\$29.00	\$2,320.00
6231940	3,894.000	LINFT	NO. 3/0 CONDUCTOR	\$4.00	\$15,576.00	\$5.10	\$19,859.40	\$3.00	\$11,682.00	\$5.10	\$19,859.40
6231950	5,594.000	LINFT	NO. 1/0 CONDUCTOR	\$3.00	\$16,782.00	\$3.50	\$19,579.00	\$2.00	\$11,188.00	\$3.50	\$19,579.00
6231955	2,327.000	LINFT	NO. 1 CONDUCTOR	\$2.25	\$5,235.75	\$3.00	\$6,981.00	\$1.00	\$2,327.00	\$3.00	\$6,981.00
6231960	5,660.000	LINFT	NO. 2 CONDUCTOR	\$2.00	\$11,320.00	\$2.60	\$14,716.00	\$1.00	\$5,660.00	\$2.60	\$14,716.00
6231965	4,109.000	LINFT	NO. 3 CONDUCTOR	\$1.85	\$7,601.65	\$2.40	\$9,861.60	\$1.00	\$4,109.00	\$2.40	\$9,861.60
6231970	6,171.000	LINFT	NO. 4 CONDUCTOR	\$1.75	\$10,799.25	\$2.10	\$12,959.10	\$1.00	\$6,171.00	\$2.10	\$12,959.10
6231975	12,639.000	LINFT	NO. 6 CONDUCTOR	\$1.30	\$16,430.70	\$1.50	\$18,958.50	\$0.60	\$7,583.40	\$1.50	\$18,958.50

Bid Tabulation

- March 1, 2019 -

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Road and Highway Builders		Granite Construction Company	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6231980	1,969.000	LINFT	NO. 8 CONDUCTOR	\$1.20	\$2,362.80	\$1.60	\$3,150.40	\$1.00	\$1,969.00	\$1.60	\$3,150.40
6231985	149.000	LINFT	NO. 10 CONDUCTOR	\$1.10	\$163.90	\$1.50	\$223.50	\$1.00	\$149.00	\$1.50	\$223.50
6231995	3,708.000	LINFT	NO. 14 CONDUCTOR	\$0.75	\$2,781.00	\$1.00	\$3,708.00	\$1.00	\$3,708.00	\$1.00	\$3,708.00
6232176	12,546.000	LINFT	SINGLE MODE FIBER OPTIC CABLE (72 FIBER)	\$3.50	\$43,911.00	\$3.70	\$46,420.20	\$1.00	\$12,546.00	\$3.70	\$46,420.20
6232179	10,643.000	LINFT	FIBER OPTIC BRANCH CABLE	\$4.00	\$42,572.00	\$3.70	\$39,379.10	\$2.00	\$21,286.00	\$3.70	\$39,379.10
6232185	1,177.000	LINFT	COMPOSITE CABLE	\$9.00	\$10,593.00	\$10.40	\$12,240.80	\$3.00	\$3,531.00	\$10.40	\$12,240.80
6232220	14.000	EACH	STEEL POST, 20-FOOT	\$2,500.00	\$35,000.00	\$4,500.00	\$63,000.00	\$7,000.00	\$98,000.00	\$4,482.00	\$62,748.00
6232225	26.000	EACH	STEEL POST, 30-FOOT	\$5,300.00	\$137,800.00	\$5,275.00	\$137,150.00	\$8,000.00	\$208,000.00	\$5,273.00	\$137,098.00
6232550	8.000	EACH	SIGNAL HEAD 1W1C, POST TOP	\$1,000.00	\$8,000.00	\$1,130.00	\$9,040.00	\$1,000.00	\$8,000.00	\$1,128.00	\$9,024.00
6232630	66.000	EACH	LOOP DETECTOR (6-FOOT X 6-FOOT)	\$500.00	\$33,000.00	\$560.00	\$36,960.00	\$500.00	\$33,000.00	\$558.00	\$36,828.00
6232680	335.430	SQFT	TRAFFIC SIGNAL SIGNS	\$50.00	\$16,771.50	\$55.00	\$18,448.65	\$30.00	\$10,062.90	\$55.00	\$18,448.65
6232895	3,091.000	LINFT	DIRECTIONAL DRILLING	\$65.00	\$200,915.00	\$65.00	\$200,915.00	\$60.00	\$185,460.00	\$64.00	\$197,824.00
6232915	9.000	EACH	INTEGRATED FIBER OPTIC SPLICE/TERMINATION UNIT (UNDERGROUND)	\$1,800.00	\$16,200.00	\$2,375.00	\$21,375.00	\$3,000.00	\$27,000.00	\$2,374.00	\$21,366.00
6232950	8.000	EACH	CCTV LOWERING DEVICE (HIGH MAST)	\$10,000.00	\$80,000.00	\$9,810.00	\$78,480.00	\$18,000.00	\$144,000.00	\$9,801.00	\$78,408.00
6233030	8.000	EACH	CCTV CAMERA (PTZ)	\$8,000.00	\$64,000.00	\$7,825.00	\$62,600.00	\$10,000.00	\$80,000.00	\$7,822.00	\$62,576.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$402,000.00	\$402,000.00	\$562,500.00	\$562,500.00	\$600,000.00	\$600,000.00	\$533,000.00	\$533,000.00
6270150	6,292.690	SQFT	PERMANENT SIGN PANELS (OVERHEAD)	\$40.00	\$251,707.60	\$39.00	\$245,414.91	\$50.00	\$314,634.50	\$38.50	\$242,268.57
6270160	6,110.600	SQFT	PERMANENT SIGN PANELS (OVERHEAD) (REMOVE)	\$6.00	\$36,663.60	\$15.00	\$91,659.00	\$5.00	\$30,553.00	\$14.50	\$88,603.70
6270190	1,930.090	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$75.00	\$144,756.75	\$100.00	\$193,009.00	\$80.00	\$154,407.20	\$100.00	\$193,009.00
6270220	205.240	SQFT	PERMANENT SIGN PANELS (PANELS ONLY)	\$55.00	\$11,288.20	\$37.00	\$7,593.88	\$40.00	\$8,209.60	\$36.80	\$7,552.83
6270240	2,380.060	SQFT	PERMANENT SIGNS, REMOVE	\$5.00	\$11,900.30	\$5.00	\$11,900.30	\$10.00	\$23,800.60	\$5.00	\$11,900.30
6270250	229.900	SQFT	PERMANENT SIGNS, REMOVE (PANEL ONLY)	\$20.00	\$4,598.00	\$8.00	\$1,839.20	\$5.00	\$1,149.50	\$8.00	\$1,839.20
6270260	20.000	SQFT	PERMANENT SIGNS, RESET	\$85.00	\$1,700.00	\$45.00	\$900.00	\$90.00	\$1,800.00	\$45.00	\$900.00
6280120	1.000	LS	MOBILIZATION	\$636,119.23	\$636,119.23	\$940,391.71	\$940,391.71	\$1,289,952.47	\$1,289,952.47	\$1,291,412.81	\$1,291,412.81
6320830	1,264.000	LINFT	EPOXY PAVEMENT STRIPING (8-INCH DOTTED WHITE)	\$1.75	\$2,212.00	\$1.00	\$1,264.00	\$1.00	\$1,264.00	\$1.00	\$1,264.00
6320840	2,050.000	LINFT	EPOXY PAVEMENT STRIPING (12-INCH DOTTED WHITE)	\$2.00	\$4,100.00	\$0.55	\$1,127.50	\$2.00	\$4,100.00	\$0.54	\$1,107.00
6320890	12.300	MILE	EPOXY PAVEMENT STRIPING (8-INCH BROKEN WHITE)	\$1,200.00	\$14,760.00	\$1,400.00	\$17,220.00	\$2,000.00	\$24,600.00	\$1,400.00	\$17,220.00
6320940	16.200	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	\$2,600.00	\$42,120.00	\$3,500.00	\$56,700.00	\$2,800.00	\$45,360.00	\$3,500.00	\$56,700.00
6320950	10,813.000	LINFT	EPOXY PAVEMENT STRIPING (12-INCH SOLID WHITE)	\$1.75	\$18,922.75	\$1.25	\$13,516.25	\$2.00	\$21,626.00	\$1.25	\$13,516.25
6321030	14.500	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	\$2,300.00	\$33,350.00	\$3,500.00	\$50,750.00	\$2,800.00	\$40,600.00	\$3,500.00	\$50,750.00
6341030	1,456.000	LINFT	THERMOPLASTIC PAVEMENT MARKING (24-INCH SOLID WHITE)	\$12.00	\$17,472.00	\$15.00	\$21,840.00	\$15.00	\$21,840.00	\$15.00	\$21,840.00
6341060	2,695.000	SQFT	THERMOPLASTIC PAVEMENT MARKING (VARIES)	\$10.00	\$26,950.00	\$16.50	\$44,467.50	\$10.00	\$26,950.00	\$16.50	\$44,467.50
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$30,701.91	\$30,701.91	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00
Totals:					\$11,267,006.48		\$12,700,000.00		\$13,212,212.00		\$13,669,669.00

\$2,063,769.05

\$2,214,355.45

\$2,204,370.30

\$2,204,063.45

\$150,586.40
7.296669169

Price Sensitivity

- March 1, 2019 -

Contract No.: 3763
 Project No.: NHP-580-2(001)
 Project Id: 60696
 County: Carson City
 Range: R29 (\$9,550,000.01 to \$11,500,000.00)
 Working: 125

RE: Richard Bosch
 Designer: Curtis Hartzell

Engineer's Estimate	Q & D Construction	Road and Highway Builders	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$11,267,006.48	\$12,700,000.00	\$13,212,212.00	\$512,212.00	\$1,432,993.52	113%

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
2020990	342,862.000	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	SQYD	\$2.00	\$1.70	\$4.00	-222,700.87	-65%	85%	No	Quantity OK, EE OK
2021287	241,167.000	GRINDING FOR PAVEMENT MARKINGS	LINFT	\$0.50	\$0.45	\$0.50	-10,244,240.00	-4248%	90%	No	Quantity OK, EE OK
2030140	2,245.000	ROADWAY EXCAVATION	CUYD	\$38.00	\$50.00	\$50.00	N/A	N/A	132%	No	Quantity OK, EE OK
3020140	427.000	TYPE 1 CLASS B AGGREGATE BASE	CUYD	\$150.00	\$140.00	\$100.00	12,805.30	2999%	93%	No	Quantity OK, EE OK
3070100	9,444.000	SHOULDERING MATERIAL	TON	\$24.00	\$24.00	\$4.00	25,610.60	271%	100%	No	Quantity OK, EE OK
4020190	42,722.000	PLANTMIX SURFACING (TYPE 2C) (WET)	TON	\$83.00	\$98.00	\$90.00	64,026.50	150%	118%	No	Quantity OK, EE OK
4030110	13,179.000	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	TON	\$110.00	\$125.00	\$125.00	N/A	N/A	114%	No	Quantity OK, EE OK
4970100	8,862.000	BRIDGE DECK PREPARATION	SQYD	\$10.00	\$1.00	\$3.00	-256,106.00	-2890%	10%	Yes	Quantity OK, EE OK
4970110	8,862.000	THIN BONDED MULTILAYER OVERLAY	SQYD	\$35.00	\$45.00	\$20.00	20,488.48	231%	129%	No	Quantity OK, EE OK
6230232	54.000	NO. 5 PULL BOX, MODIFIED	EACH	\$650.00	\$935.00	\$1,000.00	-7,880.18	-14593%	144%	No	
6230236	43.000	NO. 7 PULL BOX, MODIFIED	EACH	\$1,100.00	\$1,500.00	\$1,200.00	1,707.37	3971%	136%	No	
6230658	8.000	ITS POLE (80 FOOT)	EACH	\$25,000.00	\$34,600.00	\$50,000.00	-33.26	-416%	138%	No	EE a bit low (\$30K)
6230921	16.000	RADAR DETECTOR SYSTEM	EACH	\$10,000.00	\$8,300.00	\$2,000.00	81.30	508%	83%	No	EE high (should be around \$6K)
6231061	16.000	COMMUNICATION CABINET	EACH	\$5,500.00	\$8,140.00	\$4,000.00	123.72	773%	148%	No	EE is good
6231261	16.000	FIELD HARDENED ETHERNET SWITCH	EACH	\$7,000.00	\$8,580.00	\$10,000.00	-360.71	-2254%	123%	No	EE is good
6231820	20,108.000	3-INCH CONDUIT	LINFT	\$20.00	\$16.00	\$12.00	128,053.00	637%	80%	No	EE is good (includes excavation and fill)
6232220	14.000	STEEL POST, 20-FOOT	EACH	\$2,500.00	\$4,500.00	\$7,000.00	-204.88	-1463%	180%	Yes	EE a bit low (\$4K for qty)
6232225	26.000	STEEL POST, 30-FOOT	EACH	\$5,300.00	\$5,275.00	\$8,000.00	-187.97	-723%	100%	No	EE is good
6232895	3,091.000	DIRECTIONAL DRILLING	LINFT	\$65.00	\$65.00	\$60.00	102,442.40	3314%	100%	No	EE is good
6232950	8.000	CCTV LOWERING DEVICE (HIGH MAST)	EACH	\$10,000.00	\$9,810.00	\$18,000.00	-62.54	-782%	98%	No	EE is good
6233030	8.000	CCTV CAMERA (PTZ)	EACH	\$8,000.00	\$7,825.00	\$10,000.00	-235.50	-2944%	98%	No	EE is good
6250490	1.000	RENT TRAFFIC CONTROL DEVICES	LS	\$402,000.00	\$562,500.00	\$600,000.00	N/A	N/A	140%	No	Quantity OK, EE OK
6270150	6,292.690	PERMANENT SIGN PANELS (OVERHEAD)	SQFT	\$40.00	\$39.00	\$50.00	-46,564.73	-740%	98%	No	Quantity OK, EE OK
6270160	6,110.600	PERMANENT SIGN PANELS (OVERHEAD) (REMOVE)	SQFT	\$6.00	\$15.00	\$5.00	51,221.20	838%	250%	Yes	Quantity OK, EE OK
6270190	1,930.090	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	SQFT	\$75.00	\$100.00	\$80.00	25,610.60	1327%	133%	No	Quantity OK, EE OK
6280120	1.000	MOBILIZATION	LS	\$636,119.23	\$940,391.71	\$1,289,952.47	N/A	N/A	148%	No	
6320940	16.200	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	MILE	\$2,600.00	\$3,500.00	\$2,800.00	731.73	4517%	135%	No	Quantity OK, EE OK
6321030	14.500	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	MILE	\$2,300.00	\$3,500.00	\$2,800.00	731.73	5046%	152%	Yes	Quantity OK, EE OK

Additional Comments:

Line Item 2



Line Item #: Contract 3762
Project Manager: Eric MacGill
Length of Project: 8.3 Miles
Proceed Date: July 8, 2019
Estimated Completion: Fall 2019



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 15, 2019

To: Kristina L. Swallow, Director
Cole Mortensen, Assistant Director, Engineering
Thor Dyson, Assistant Director, Operations

From: Cori Brennan, Program Officer II, Administrative Services

^{DS}
cb

Subject: Concurrence in Award for Contract No. 3762, Project No. SP-580-1(025), on I-580 from 0.45 miles north of Damonte Ranch Parkway to Moana Lane, in Washoe County, described as installation of ITS infrastructure. The Engineer's Estimate is 7,540,597.03.

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

Bid proposals were opened on February 28, 2019. PAR Electrical Contractors, Inc. is the apparent low bidder at \$8,591,382.43. and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Titan Electrical Contracting, Inc with a bid of \$9,967,798.64.

The project is State funded; required 4.60% DBE participation; and Bidder's Preference was applied but did not affect the successful contractor's ranking.

The subcontractor and supplier listings submitted by the PAR Electrical Contractors, Inc have been reviewed and confirmed by Contract Services. The DBE information submitted by the PAR Electrical Contractors, Inc has been reviewed and certified by the External Civil Rights office. PAR Electrical Contractors, Inc has met the required DBE participation with a 6.13% commitment. The bid is above 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:
Cole Mortensen
5F9A0F81C54047A

Cole Mortensen, Assistant Director

DocuSigned by:
Thor Dyson
DEE4C18490EE4BD...

Thor Dyson, Assistant Director

DocuSigned by:
Kristina Swallow
C4B612EC2C1E4EB

Kristina L. Swallow, Director

Attachments:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 February 28, 2019

Contract Number: 3762	Bid Opening Date and Time: 2/28/2019 2:00 PM
Designer:	Liquidated Damages: \$6,500.00
Senior Designer: ERIC MACGILL	Working Days: 220
Estimate Range: R27 \$6,600,000.01 to \$7,950,000	District: DISTRICT 2
Project Number: SP-580-1(025)	

County: WASHOE
Location: I-580 from 0.45 Miles North of Damonte Ranch Parkway to Moana Lane
Description: Install ITS Infrastructure

	Actual Bid
Apparent Low Bidder: PAR Electrical Contractors, Inc.	<u>\$8,591,382.43</u>
Apparent 2nd: Titan Electrical Contracting, Inc.	<u>\$9,967,798.64</u>

Bidders:	Certificate of Eligibility	Actual Bid Amount
1 PAR Electrical Contractors, Inc. 1465 West 4th Street Reno, NV 89503 (775) 329-0407	✓	\$8,591,382.43
2 Titan Electrical Contracting, Inc. 5450 Mill Street #100 Reno, NV 89502 (775) 857-4500	✓	\$9,967,798.64



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7497
Fax: (775) 888-7235

MEMORANDUM
Contract Compliance

March 6, 2019

To: Lynn Hoffman, Administrative Services Officer III

From: Paulita De La Cruz, DBE Specialist 

Subject: NDOT Bidder DBE Information – Contract no. 3762, I-580 from 0.45 Miles North of Damonte Ranch Parkway to Moana Lane, in Washoe County, to Install ITS infrastructure

Apparent low bid: \$8,591,382.43

The DBE information for Norton Consulting LLC dba Silver State Barricade and Tungsten Engineering Contractors as submitted by the apparent low bidder, PAR Electrical Contractors, Inc. has been received by Contract Compliance and we have concluded:

Norton Consulting LLC dba Silver State Barricade and Tungsten Engineering Contractors hold active State of Nevada business licenses and are Nevada certified DBE firms. Additionally, Tungsten Engineering Contractors holds a Nevada State Contractors Board license. Both firms are clear of State disqualification and Federal exclusion.

The DBE goal of 4.60% has been met with a 6.13% DBE committed participation by the apparent low bidder PAR Electrical Contractors, Inc.

The DBE firms are approved for this contract.

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



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 13, 2019

To: Lynn Hoffman, ASO III - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3762

The Bid Review and Analysis Team (BRAT) met on March 12, 2019 to discuss bids for the above referenced contract. The following were in attendance:

- Scott Hein, Chief Roadway Design Engineer
- Sharon Foerschler, Chief Constructability Engineer
- Cori Brennan, Program Officer
- Mark Caffaratti, Professional Engineer
- Casey Connor, Professional Engineer
- Kimberly Diegle, Professional Engineer
- Eric Macgill, Associate Engineer
- Michael West, Associate Engineer

Via Phone:
Alma Piceno-Ramirez, Professional Engineer

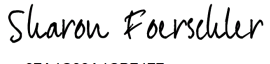
The overall bid proposal was evaluated and determined to be acceptable. The Bid Tabulation and Price Sensitivity is attached.

The apparent low bidder, PAR Electrical Contractors, submitted a bid which is 114% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

ET2D4506AC6486
Scott Hein, BRAT Co-Chair

DocuSigned by:

67A4C99A4CB7477
Sharon Foerschler, BRAT Co-Chair

cc: Attendees;
Dennis Gallagher, Legal
Design Admin

Bid Tabulation**- March 1, 2019 -**

Contract No.: 3762
Description: Install ITS Infrastructure
Location: I-580, from 0.45 miles north of Damonte Ranch Parkway to Moana Lane.
Bid Opening: February 28, 2019, 2:00 PM

Project No.: SP-580-1(025)
Project Id: 73946
County: Washoe
Range: R27 (\$6,600,000.01 to \$7,950,000.00)
Working: 220

Item No.	Quantity	Unit	Description	Engineer's Estimate		PAR Electrical Contractors		Titan Electrical Contracting	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
2010120	0.850	ACRE	CLEARING AND GRUBBING	\$10,000.00	\$8,500.00	\$13,190.00	\$11,211.50	\$8,657.00	\$7,358.45
2020395	65.000	LINFT	RESET CONCRETE BARRIER RAIL	\$50.00	\$3,250.00	\$47.00	\$3,055.00	\$420.00	\$27,300.00
2020415	7.000	EACH	REMOVAL OF CONCRETE FOUNDATION	\$500.00	\$3,500.00	\$829.00	\$5,803.00	\$470.00	\$3,290.00
2020580	20.000	LINFT	RESET FENCE	\$100.00	\$2,000.00	\$92.00	\$1,840.00	\$250.00	\$5,000.00
2020585	20.000	LINFT	REMOVAL OF FENCE	\$25.00	\$500.00	\$57.00	\$1,140.00	\$60.00	\$1,200.00
2020895	358.000	EACH	REMOVE LIGHTING FIXTURES	\$75.00	\$26,850.00	\$145.00	\$51,910.00	\$108.00	\$38,664.00
2020925	13.000	EACH	REMOVAL OF PULL BOX	\$500.00	\$6,500.00	\$288.00	\$3,744.00	\$200.00	\$2,600.00
2021160	2.000	EACH	REMOVAL OF DYNAMIC MESSAGE SIGN	\$3,000.00	\$6,000.00	\$8,061.00	\$16,122.00	\$4,000.00	\$8,000.00
2021255	455.000	LINFT	REMOVAL OF TEMPORARY PORTABLE PRECAST CONCRETE BARRIER RAIL	\$40.00	\$18,200.00	\$19.00	\$8,645.00	\$20.00	\$9,100.00
2030230	2,740.000	CUYD	BORROW EMBANKMENT	\$30.00	\$82,200.00	\$85.50	\$234,270.00	\$110.70	\$303,318.00
2110260	7.020	ACRE	HYDRO-SEEDING	\$14,000.00	\$98,280.00	\$14,484.00	\$101,677.68	\$10,000.00	\$70,200.00
2120870	300.000	TON	DECORATIVE ROCK (TYPE A)	\$100.00	\$30,000.00	\$95.00	\$28,500.00	\$135.30	\$40,590.00
3020140	702.570	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$80.00	\$56,205.60	\$105.00	\$73,769.85	\$206.00	\$144,729.42
5020160	65.000	LINFT	CONCRETE BARRIER RAIL (TYPE A)	\$150.00	\$9,750.00	\$386.00	\$25,090.00	\$203.00	\$13,195.00
5020750	1.380	CUYD	CLASS AA CONCRETE (MINOR)	\$3,500.00	\$4,830.00	\$1,210.00	\$1,669.80	\$2,623.00	\$3,619.74
6230201	27.000	EACH	ITS VAULT	\$4,200.00	\$113,400.00	\$4,530.00	\$122,310.00	\$6,200.00	\$167,400.00
6230230	70.000	EACH	NO. 5 PULL BOX	\$600.00	\$42,000.00	\$978.00	\$68,460.00	\$900.00	\$63,000.00
6230236	89.000	EACH	NO. 7 PULL BOX, MODIFIED	\$1,200.00	\$106,800.00	\$1,578.00	\$140,442.00	\$1,560.00	\$138,840.00
6230266	120.000	EACH	LUMINAIRE	\$1,800.00	\$216,000.00	\$1,609.00	\$193,080.00	\$1,630.00	\$195,600.00
6230268	166.000	EACH	LUMINAIRE, TYPE B	\$600.00	\$99,600.00	\$800.00	\$132,800.00	\$630.00	\$104,580.00
6230345	30.000	EACH	UNDERPASS LUMINAIRE, (TYPE A)	\$1,200.00	\$36,000.00	\$954.00	\$28,620.00	\$780.00	\$23,400.00
6230350	18.000	EACH	UNDERPASS LUMINAIRE, (TYPE B)	\$1,100.00	\$19,800.00	\$1,006.00	\$18,108.00	\$840.00	\$15,120.00
6230355	24.000	EACH	UNDERPASS LUMINAIRE, (TYPE C)	\$1,000.00	\$24,000.00	\$954.00	\$22,896.00	\$820.00	\$19,680.00
6230653	1.000	EACH	ITS POLE (30 FOOT)	\$5,600.00	\$5,600.00	\$8,585.00	\$8,585.00	\$8,600.00	\$8,600.00
6230658	7.000	EACH	ITS POLE (80 FOOT)	\$30,000.00	\$210,000.00	\$33,357.00	\$233,499.00	\$49,300.00	\$345,100.00
6230670	4.000	EACH	HIGH MAST HEAD FRAME ASSEMBLY	\$5,800.00	\$23,200.00	\$9,840.00	\$39,360.00	\$9,500.00	\$38,000.00
6230710	8.000	EACH	CONCRETE FOUNDATION	\$500.00	\$4,000.00	\$1,937.00	\$15,496.00	\$2,700.00	\$21,600.00
6230921	33.000	EACH	RADAR DETECTOR SYSTEM	\$5,500.00	\$181,500.00	\$8,217.00	\$271,161.00	\$8,800.00	\$290,400.00
6231061	29.000	EACH	COMMUNICATION CABINET	\$6,000.00	\$174,000.00	\$6,916.00	\$200,564.00	\$7,600.00	\$220,400.00
6231115	1.000	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$90,000.00	\$90,000.00	\$56,281.00	\$56,281.00	\$47,900.00	\$47,900.00
6231259	4,917.000	LINFT	ETHERNET CABLE	\$2.50	\$12,292.50	\$1.80	\$8,850.60	\$2.00	\$9,834.00
6231261	33.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$6,500.00	\$214,500.00	\$8,464.00	\$279,312.00	\$8,900.00	\$293,700.00
6231262	8.000	EACH	VIDEO ENCODER	\$3,000.00	\$24,000.00	\$1,614.00	\$12,912.00	\$1,900.00	\$15,200.00
6231320	2.000	EACH	REMOVAL OF TRAFFIC SIGNAL CONTROLLER CABINET	\$1,000.00	\$2,000.00	\$651.00	\$1,302.00	\$760.00	\$1,520.00
6231370	1.000	LS	REMOVAL OF CONDUIT AND CONDUCTORS	\$7,500.00	\$7,500.00	\$16,021.00	\$16,021.00	\$20,300.00	\$20,300.00
6231405	2.000	EACH	REMOVE POLE MOUNTED CONTROLLER	\$1,000.00	\$2,000.00	\$651.00	\$1,302.00	\$630.00	\$1,260.00
6231410	7.000	EACH	REMOVE AND RESET SERVICE PEDESTAL	\$2,000.00	\$14,000.00	\$5,246.00	\$36,722.00	\$2,400.00	\$16,800.00
6231520	3.000	EACH	REMOVE AND RESET DATA RADIO COMMUNICATION EQUIPMENT	\$1,500.00	\$4,500.00	\$1,738.00	\$5,214.00	\$780.00	\$2,340.00
6231540	4.000	EACH	RENOVATE HIGH MAST POLE ASSEMBLY	\$13,000.00	\$52,000.00	\$2,607.00	\$10,428.00	\$10,500.00	\$42,000.00
6231620	3.000	EACH	UNDERGROUND ELECTRICAL SERVICE	\$5,000.00	\$15,000.00	\$7,762.00	\$23,286.00	\$6,200.00	\$18,600.00
6231630	2.000	EACH	REMOVE ELECTRICAL SERVICE	\$1,000.00	\$2,000.00	\$733.00	\$1,466.00	\$690.00	\$1,380.00
6231635	7.000	EACH	MODIFY ELECTRICAL SERVICE	\$1,000.00	\$7,000.00	\$1,150.00	\$8,050.00	\$1,900.00	\$13,300.00
6231715	1.000	EACH	POLE MOUNTED SWITCH (UP TO 60A)	\$750.00	\$750.00	\$4,324.00	\$4,324.00	\$6,100.00	\$6,100.00
6231724	22.000	EACH	TRANSFORMER (5 KVA)	\$4,000.00	\$88,000.00	\$4,672.00	\$102,784.00	\$4,300.00	\$94,600.00
6231730	3.000	EACH	TRANSFORMER (10 KVA)	\$4,000.00	\$12,000.00	\$5,306.00	\$15,918.00	\$4,600.00	\$13,800.00

Bid Tabulation

- March 1, 2019 -

Item No.	Quantity	Unit	Description	Engineer's Estimate		PAR Electrical Contractors		Titan Electrical Contracting	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6231731	1.000	EACH	TRANSFORMER (15 KVA)	\$4,500.00	\$4,500.00	\$6,108.00	\$6,108.00	\$5,200.00	\$5,200.00
6231735	4.000	EACH	TRANSFORMER (25 KVA)	\$7,000.00	\$28,000.00	\$6,535.00	\$26,140.00	\$5,600.00	\$22,400.00
6231790	184,910.000	LINFT	1 1/4-INCH CONDUIT	\$2.50	\$462,275.00	\$4.40	\$813,604.00	\$6.10	\$1,127,951.00
6231820	66,836.000	LINFT	3-INCH CONDUIT	\$20.00	\$1,336,720.00	\$15.80	\$1,056,008.80	\$22.00	\$1,470,392.00
6231950	15,928.000	LINFT	NO. 1/0 CONDUCTOR	\$4.50	\$71,676.00	\$3.50	\$55,748.00	\$3.30	\$52,562.40
6231955	847.000	LINFT	NO. 1 CONDUCTOR	\$2.50	\$2,117.50	\$4.50	\$3,811.50	\$2.80	\$2,371.60
6231960	5,027.000	LINFT	NO. 2 CONDUCTOR	\$2.00	\$10,054.00	\$3.00	\$15,081.00	\$2.40	\$12,064.80
6231965	12,007.000	LINFT	NO. 3 CONDUCTOR	\$1.60	\$19,211.20	\$2.70	\$32,418.90	\$2.00	\$24,014.00
6231970	109,995.000	LINFT	NO. 4 CONDUCTOR	\$2.00	\$219,990.00	\$2.10	\$230,989.50	\$1.80	\$197,991.00
6231975	1,826.000	LINFT	NO. 6 CONDUCTOR	\$1.50	\$2,739.00	\$2.40	\$4,382.40	\$1.20	\$2,191.20
6231980	4,169.000	LINFT	NO. 8 CONDUCTOR	\$1.25	\$5,211.25	\$1.70	\$7,087.30	\$1.00	\$4,169.00
6232090	842.000	LINFT	25 CONDUCTOR NO. 14 CABLE	\$5.00	\$4,210.00	\$4.90	\$4,125.80	\$6.50	\$5,473.00
6232175	62,222.000	LINFT	FIBER OPTIC CABLE	\$4.50	\$279,999.00	\$3.90	\$242,665.80	\$4.00	\$248,888.00
6232179	10,483.000	LINFT	FIBER OPTIC BRANCH CABLE	\$13.00	\$136,279.00	\$6.70	\$70,236.10	\$6.90	\$72,332.70
6232185	1,326.000	LINFT	COMPOSITE CABLE	\$6.00	\$7,956.00	\$10.50	\$13,923.00	\$14.00	\$18,564.00
6232225	24.000	EACH	STEEL POST, 30-FOOT	\$3,000.00	\$72,000.00	\$5,408.00	\$129,792.00	\$7,100.00	\$170,400.00
6232860	6.000	EACH	LOAD CENTER CABINET	\$5,000.00	\$30,000.00	\$5,181.00	\$31,086.00	\$4,900.00	\$29,400.00
6232885	4.000	EACH	DYNAMIC MESSAGE SIGN (TYPE 1)	\$75,000.00	\$300,000.00	\$93,839.00	\$375,356.00	\$99,000.00	\$396,000.00
6232892	3.000	EACH	DYNAMIC MESSAGE SIGN (TYPE 4)	\$27,000.00	\$81,000.00	\$8,438.00	\$25,314.00	\$8,500.00	\$25,500.00
6232895	17,427.000	LINFT	DIRECTIONAL DRILLING	\$53.00	\$923,631.00	\$69.50	\$1,211,176.50	\$82.00	\$1,429,014.00
6232915	33.000	EACH	INTEGRATED FIBER OPTIC SPLICE/TERMINATION UNIT (UNDERGROUND)	\$2,000.00	\$66,000.00	\$1,917.00	\$63,261.00	\$2,020.00	\$66,660.00
6232950	8.000	EACH	CCTV LOWERING DEVICE (HIGH MAST)	\$9,000.00	\$72,000.00	\$9,568.00	\$76,544.00	\$13,600.00	\$108,800.00
6233030	8.000	EACH	CCTV CAMERA (PTZ)	\$10,000.00	\$80,000.00	\$8,571.00	\$68,568.00	\$7,700.00	\$61,600.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$154,000.00	\$154,000.00	\$154,000.00	\$154,000.00	\$154,000.00	\$154,000.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$300,000.00	\$300,000.00	\$482,354.00	\$482,354.00	\$368,100.00	\$368,100.00
6250510	455.000	LINFT	RENT PORTABLE PRECAST CONCRETE BARRIER RAIL	\$18.00	\$8,190.00	\$65.00	\$29,575.00	\$38.70	\$17,608.50
6270110	1.000	LS	PERMANENT OVERHEAD SIGN SUPPORT STRUCTURES	\$240,000.00	\$240,000.00	\$192,338.00	\$192,338.00	\$294,800.00	\$294,800.00
6270190	173.250	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$85.00	\$14,726.25	\$91.20	\$15,800.40	\$134.10	\$23,232.83
6280120	1.000	LS	MOBILIZATION	\$426,826.25	\$426,826.25	\$364,511.00	\$364,511.00	\$533,800.00	\$533,800.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$21,277.48	\$21,277.48	\$141,375.00	\$141,375.00	\$93,800.00	\$93,800.00
Totals:					\$7,540,597.03		\$8,591,382.43		\$9,967,798.64

\$6,019,011.45

\$6,642,981.20

\$7,804,292.70

\$623,969.75
10.36664833

Price Sensitivity

- March 1, 2019 -

Contract No.: 3762
 Project No.: SP-580-1(025)
 Project Id: 73946
 County: Washoe
 Range: R27 (\$6,600,000.01 to \$7,950,000.00)
 Working: 220

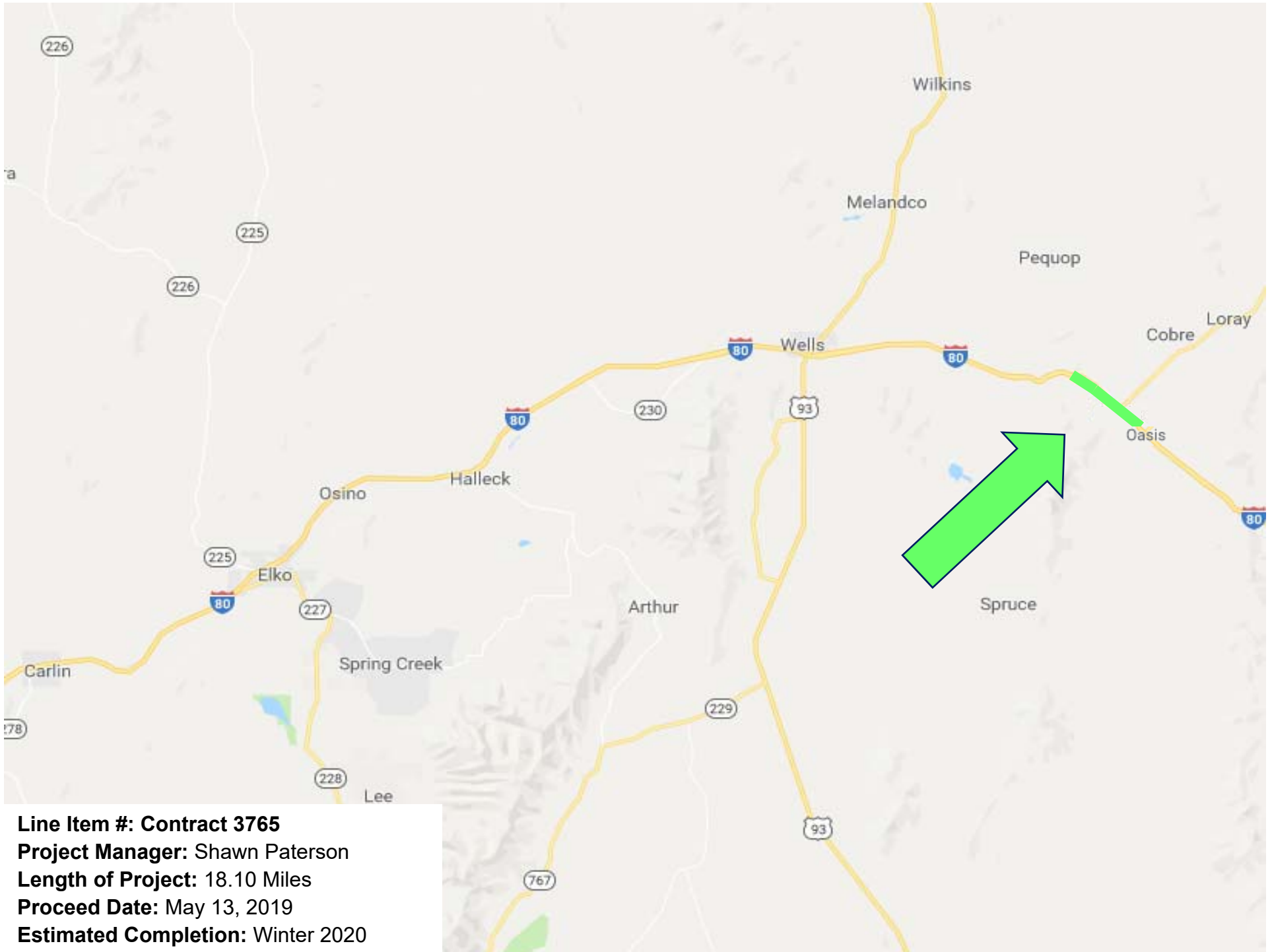
RE: Brad Durski
 Designer: Eric MacGill

Engineer's Estimate	PAR Electrical Contractors	Titan Electrical Contracting	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$7,540,597.03	\$8,591,382.43	\$9,967,798.64	\$1,376,416.21	\$1,050,785.40	114%

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
2020895	358.000	REMOVE LIGHTING FIXTURES	EACH	\$75.00	\$145.00	\$108.00	37,200.44	10391%	193%	Yes	EE good (large qty), QTY good
2030230	2,740.000	BORROW EMBANKMENT	CUYD	\$30.00	\$85.50	\$110.70	-54,619.69	-1993%	285%	Yes	EE a bit low (bids likely reflect low qty), QTY good
2110260	7.020	HYDRO-SEEDING	ACRE	\$14,000.00	\$14,484.00	\$10,000.00	306.96	4373%	103%	No	EE good, QTY good
3020140	702.570	TYPE 1 CLASS B AGGREGATE BASE	CUYD	\$80.00	\$105.00	\$206.00	-13,627.88	-1940%	131%	No	EE a bit low (bids likely reflect low qty), QTY good
6230201	27.000	ITS VAULT	EACH	\$4,200.00	\$4,530.00	\$6,200.00	-824.20	-3053%	108%	No	EE good, QTY good
6230230	70.000	NO. 5 PULL BOX	EACH	\$600.00	\$978.00	\$900.00	17,646.36	25209%	163%	Yes	EE good (large qty), QTY good
6230236	89.000	NO. 7 PULL BOX, MODIFIED	EACH	\$1,200.00	\$1,578.00	\$1,560.00	76,467.57	85919%	132%	No	EE good (large qty), QTY good
6230266	120.000	LUMINAIRE	EACH	\$1,800.00	\$1,609.00	\$1,630.00	-65,543.63	-54620%	89%	No	EE good, QTY good
6230268	166.000	LUMINAIRE, TYPE B	EACH	\$600.00	\$800.00	\$630.00	8,096.57	4877%	133%	No	EE good, QTY good
6230658	7.000	ITS POLE (80 FOOT)	EACH	\$30,000.00	\$33,357.00	\$49,300.00	-86.33	-1233%	111%	No	EE a bit low, QTY good
6230921	33.000	RADAR DETECTOR SYSTEM	EACH	\$5,500.00	\$8,217.00	\$8,800.00	-2,360.92	-7154%	149%	No	EE good (large qty), QTY good
6231061	29.000	COMMUNICATION CABINET	EACH	\$6,000.00	\$6,916.00	\$7,600.00	-2,012.30	-6939%	115%	No	EE good, QTY good
6231115	1.000	ROAD AND WEATHER INFORMATION SYSTEM	LS	\$90,000.00	\$56,281.00	\$47,900.00	N/A	N/A	63%	Yes	EE a bit high, QTY good
6231261	33.000	FIELD HARDENED ETHERNET SWITCH	EACH	\$6,500.00	\$8,464.00	\$8,900.00	-3,156.92	-9566%	130%	No	EE good (large qty), QTY good
6231540	4.000	RENOVATE HIGH MAST POLE ASSEMBLY	EACH	\$13,000.00	\$2,607.00	\$10,500.00	-174.38	-4360%	20%	Yes	EE good, QTY good
6231724	22.000	TRANSFORMER (5 KVA)	EACH	\$4,000.00	\$4,672.00	\$4,300.00	3,700.04	16818%	117%	No	EE good, QTY good
6231790	184,910.000	1 1/4-INCH CONDUIT	LINFT	\$2.50	\$4.40	\$6.10	-809,656.59	-438%	176%	Yes	EE good (mostly common trench with 3"), QTY good
6231820	66,836.000	3-INCH CONDUIT	LINFT	\$20.00	\$15.80	\$22.00	-222,002.61	-332%	79%	No	EE good, QTY good
6231950	15,928.000	NO. 1/0 CONDUCTOR	LINFT	\$4.50	\$3.50	\$3.30	6,882,081.05	43207%	78%	No	EE good, QTY good
6231970	109,995.000	NO. 4 CONDUCTOR	LINFT	\$2.00	\$2.10	\$1.80	4,588,054.03	4171%	105%	No	EE good, QTY good
6232175	62,222.000	FIBER OPTIC CABLE	LINFT	\$4.50	\$3.90	\$4.00	-13,764,162.10	-22121%	87%	No	EE good, QTY good
6232179	10,483.000	FIBER OPTIC BRANCH CABLE	LINFT	\$13.00	\$6.70	\$6.90	-6,882,081.05	-65650%	52%	Yes	EE too high (should be around \$5 for qty), QTY good
6232225	24.000	STEEL POST, 30-FOOT	EACH	\$3,000.00	\$5,408.00	\$7,100.00	-813.48	-3390%	180%	Yes	EE a bit low (low \$5K), QTY good
6232885	4.000	DYNAMIC MESSAGE SIGN (TYPE 1)	EACH	\$75,000.00	\$93,839.00	\$99,000.00	-266.70	-6667%	125%	No	EE good, QTY good
6232892	3.000	DYNAMIC MESSAGE SIGN (TYPE 4)	EACH	\$27,000.00	\$8,438.00	\$8,500.00	-22,200.26	-740009%	31%	Yes	EE good, QTY good
6232895	17,427.000	DIRECTIONAL DRILLING	LINFT	\$53.00	\$69.50	\$82.00	-110,113.30	-632%	131%	No	EE good, QTY good
6232915	33.000	INTEGRATED FIBER OPTIC SPLICE/TERMINATION UNIT	EACH	\$2,000.00	\$1,917.00	\$2,020.00	-13,363.26	-40495%	96%	No	EE good, QTY good
6232950	8.000	CCTV LOWERING DEVICE (HIGH MAST)	EACH	\$9,000.00	\$9,568.00	\$13,600.00	-341.37	-4267%	106%	No	EE good, QTY good
6233030	8.000	CCTV CAMERA (PTZ)	EACH	\$10,000.00	\$8,571.00	\$7,700.00	1,580.27	19753%	86%	No	EE good, QTY good
6250490	1.000	RENT TRAFFIC CONTROL DEVICES	LS	\$300,000.00	\$482,354.00	\$368,100.00	N/A	N/A	161%	Yes	
6270110	1.000	PERMANENT OVERHEAD SIGN SUPPORT STRUCTURES	LS	\$240,000.00	\$192,338.00	\$294,800.00	N/A	N/A	80%	No	
6280120	1.000	MOBILIZATION	LS	\$426,826.25	\$364,511.00	\$533,800.00	N/A	N/A	85%	No	
6370110	1.000	TEMPORARY POLLUTION CONTROL	LS	\$21,277.48	\$141,375.00	\$93,800.00	N/A	N/A	664%	Yes	

Additional Comments:

Line Item 3



Line Item #: Contract 3765

Project Manager: Shawn Paterson

Length of Project: 18.10 Miles

Proceed Date: May 13, 2019

Estimated Completion: Winter 2020



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 21, 2019

To: Kristina L Swallow, Director
Cole Mortensen, Assistant Director, Engineering
Thor Dyson, Assistant Director, Operations

From: Cori Brennan, Program Officer II – Administrative Services

Subject: Concurrence in Award for Contract No. 3765, Project No. NHP-080-5(041), on I-80, from 1.040 miles east of the Moor Interchange to 1.871 miles east of the Oasis Interchange, in Elko County, described as coldmill and place Plantmix Bituminous Surface with Open Grade, construct a new eastbound truck climbing lane, repair bridges, and construct improvements to on-ramps at Pequop Summit Interchange. The Engineer's Estimate is \$35,152,895.40.

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

Bid proposals were opened on March 14, 2019. W.W. Clyde & Co. is the apparent low bidder at \$31,615,000.00 and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Road and Highway Builders LLC with a bid of \$33,131,131.00.

The project is Federally funded, required 2.80% DBE participation and is not subject to State Bidder Preference provisions.

The subcontractor and supplier listings submitted by the W.W. Clyde & Co. have been reviewed and confirmed by Contract Services. The DBE information submitted by the W.W. Clyde & Co. has been reviewed and certified by the External Civil Rights office. W.W. Clyde & Co. has met the required DBE participation with a 4.22% 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:

Cole Mortensen, Assistant Director

Thor Dyson, Assistant Director

Kristina L. Swallow, Director

Enclosures:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 March 14, 2019

Contract Number: 3765	Bid Opening Date and Time: 3/14/2019 2:00 PM
Designer: RANDELL LOFF	Liquidated Damages: \$7,200.00
Senior Designer: JOHN BRADSHAW	Working Days: 280
Estimate Range: R36 \$34,000,000.01 to \$41,000,000	District: DISTRICT 3
Project Number: NHP-080-5(041)	

County: ELKO
Location: I-80, from 1.040 Miles East of the Moor Interchange to 1.871 Miles East of the Oasis Interchange
Description: Coldmill and Place Plantmix Bituminous Surface with Open Grade, Construct a New Eastbound Truck Climbing Lane, Repair Bridges, and Construct Improvements to On-ramps at Pequop Summit Interchange

	Actual Bid
Apparent Low Bidder: <u>W.W. Clyde & Co.</u>	<u>\$31,615,000.00</u>
Apparent 2nd: <u>Road and Highway Builders LLC</u>	<u>\$33,131,131.00</u>
Apparent 3rd: <u>Q & D Construction LLC</u>	<u>\$35,690,000.00</u>

Bidders:	Actual Bid Amount
1 W.W. Clyde & Co. PO Box 1898 Orem, UT 84059 (801) 802-6800	\$31,615,000.00
2 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	\$33,131,131.00
3 Q & D Construction LLC 1050 South 21st Street Sparks, NV 89431 (775) 786-2677	\$35,690,000.00



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7497
Fax: (775) 888-7235

MEMORANDUM
Contract Compliance

March 19, 2019

To: Lynn Hoffman, Administrative Services Officer III

From: Paulita De La Cruz, DBE Specialist

DocuSigned by:

9A647C8047694B9...

Subject: NDOT Bidder DBE Information – Contract no. 3765, I-80, from 1.040 Miles East of the Moor Interchange to 1.871 Miles East of the Oasis Interchange, in Elko County, to Coldmill and Place Plantmix Bituminous Surface with Open Grade, Construct a New Eastbound Truck Climbing Lane, Repair Bridges, and Construct Improvements to On-ramps at Pequop Summit Interchange
Apparent low bid: \$31,615,000.00

The DBE information for Construction Material Recycling Inc. and C and S Company Inc. as submitted by the apparent low bidder, W. W. Clyde & Co. has been received by Contract Compliance and we have concluded:

Construction Material Recycling Inc. and C and S Company Inc. hold active State of Nevada business licenses and are Nevada certified DBE firms. Additionally, Construction Material Recycling Inc. and C and S Company Inc. hold active Nevada State Contractors Board licenses and are both clear of State disqualification and Federal exclusion.

The DBE goal of 2.80% has been met with a 4.22% DBE committed participation by the apparent low bidder W. W. Clyde & Co.

The DBE firms are approved for this contract.

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



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

March 20, 2019

To: Lynn Hoffman, ASO III - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3765

The Bid Review and Analysis Team (BRAT) met on March 19, 2019 to discuss bids for the above referenced contract. The following were in attendance:


- Scott Hein, Chief Roadway Design Engineer
- Sharon Foerschler, Chief Constructability Engineer
- John Bradshaw, Associate Engineer
- Mark Caffaratti, Professional Engineer
- Casey Connor, Professional Engineer
- Stephen Lani, Professional Engineer
- Shawn Paterson, Professional Engineer
- Jasen Stoffer, Program Officer
- Michael West, Associate Engineer

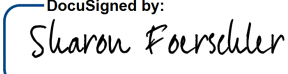
Via Phone:
Eric Macgill, Associate Engineer
Mirak Mehari, Professional Engineer

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

The apparent low bidder, W.W. Clyde & Co., submitted a bid which is 90% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

E7F2D4506AC6488
Scott Hein, BRAT Co-Chair

DocuSigned by:

67A4C09A4CB7477
Sharon Foerschler, BRAT Co-Chair

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

Bid Tabulation**- March 15, 2019 -**

Contract No.: 3765
Description: Coldmill and Place Plantmix Bituminous Surface with Open Grade, Construct a New Eastbound Truck Climbing Lane, Repair Bridges, and Construct Improvements to On-ramps at Pequop Summit Interchange
Location: I-80, from 1.040 miles east of the Moor Interchange to 1.871 miles east of the Oasis Interchange
Bid Opening: March 14, 2019, 2:00 PM

Project No.: NHP-080-5(041)
Project Id: 73793
County: Elko
Range: R36 (\$34,000,000.01 to \$41,000,000.00)
Working: 280

Item No.	Quantity	Unit	Description	Engineer's Estimate		W.W. Clyde & Co.		Road and Highway Builders		Q & D Construction	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1100050	700.000	HOUR	TRAINING	\$0.80	\$560.00	\$0.80	\$560.00	\$0.80	\$560.00	\$0.80	\$560.00
2010100	1.000	LS	CLEARING AND GRUBBING	\$67,000.00	\$67,000.00	\$33,295.06	\$33,295.06	\$120,000.00	\$120,000.00	\$125,000.00	\$125,000.00
2020120	66,587.000	SQFT	REMOVAL OF PORTION OF BRIDGE DECK	\$2.75	\$183,114.25	\$1.27	\$84,565.49	\$2.00	\$133,174.00	\$1.05	\$69,916.35
2020165	1,036.000	LINFT	REMOVAL OF JOINT SEAL	\$40.00	\$41,440.00	\$41.90	\$43,408.40	\$30.00	\$31,080.00	\$42.25	\$43,771.00
2020475	10,883.000	LINFT	REMOVAL OF GUARDRAIL	\$5.00	\$54,415.00	\$8.79	\$95,661.57	\$5.00	\$54,415.00	\$8.75	\$95,226.25
2020585	4,123.000	LINFT	REMOVAL OF FENCE	\$4.00	\$16,492.00	\$2.20	\$9,070.60	\$5.00	\$20,615.00	\$4.75	\$19,584.25
2020921	6.000	EACH	REMOVE FLASHING BEACON SYSTEM	\$900.00	\$5,400.00	\$3,297.37	\$19,784.22	\$150.00	\$900.00	\$1,800.00	\$10,800.00
2020925	1.000	EACH	REMOVAL OF PULL BOX	\$400.00	\$400.00	\$249.77	\$249.77	\$1,200.00	\$1,200.00	\$460.00	\$460.00
2020965	1,084.000	SQYD	REMOVAL OF BITUMINOUS SURFACE	\$10.50	\$11,382.00	\$10.94	\$11,858.96	\$15.00	\$16,260.00	\$21.00	\$22,764.00
2020990	937,280.830	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$2.00	\$1,874,561.66	\$0.95	\$890,416.79	\$3.00	\$2,811,842.49	\$1.10	\$1,031,008.91
2020995	4,737.210	SQYD	REMOVAL OF BITUMINOUS SURFACE (MISCELLANEOUS COLD MILLING)	\$1.50	\$7,105.82	\$3.35	\$15,869.65	\$4.00	\$18,948.84	\$2.85	\$13,501.05
2021120	6.000	EACH	REMOVAL OF CATTLE GUARD	\$4,000.00	\$24,000.00	\$2,339.97	\$14,039.82	\$2,000.00	\$12,000.00	\$4,500.00	\$27,000.00
2030140	210,927.000	CUYD	ROADWAY EXCAVATION	\$12.00	\$2,531,124.00	\$13.28	\$2,801,110.56	\$15.00	\$3,163,905.00	\$12.00	\$2,531,124.00
2030160	1,961.000	CUYD	DRAINAGE EXCAVATION	\$14.00	\$27,454.00	\$12.89	\$25,277.29	\$30.00	\$58,830.00	\$28.00	\$54,908.00
2030170	320.200	CUYD	CHANNEL EXCAVATION	\$30.00	\$9,606.00	\$7.24	\$2,318.25	\$30.00	\$9,606.00	\$39.00	\$12,487.80
2060110	1,882.000	CUYD	STRUCTURE EXCAVATION	\$30.00	\$56,460.00	\$1.00	\$1,882.00	\$30.00	\$56,460.00	\$47.00	\$88,454.00
2070110	877.000	CUYD	GRANULAR BACKFILL	\$55.00	\$48,235.00	\$49.27	\$43,209.79	\$60.00	\$52,620.00	\$81.00	\$71,037.00
2110150	2.140	ACRE	SEEDING	\$8,000.00	\$17,120.00	\$10,981.34	\$23,500.07	\$6,000.00	\$12,840.00	\$9,600.00	\$20,544.00
2110530	2,022.000	CUYD	ROCK MULCH	\$97.00	\$196,134.00	\$35.14	\$71,053.08	\$70.00	\$141,540.00	\$50.00	\$101,100.00
2120045	2,058.000	SQYD	PAINTING	\$20.00	\$41,160.00	\$45.06	\$92,733.48	\$20.00	\$41,160.00	\$14.00	\$28,812.00
3020140	18,199.640	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$50.00	\$909,982.00	\$26.19	\$476,648.57	\$40.00	\$727,985.60	\$40.00	\$727,985.60
3070100	5,000.000	TON	SHOULDERING MATERIAL	\$20.00	\$100,000.00	\$22.89	\$114,450.00	\$6.00	\$30,000.00	\$12.00	\$60,000.00
4020100	5,153.490	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$13.00	\$66,995.37	\$11.52	\$59,368.20	\$28.00	\$144,297.72	\$7.50	\$38,651.18
4020130	11,401.000	LINFT	PLANTMIX BITUMINOUS SHOULDER DIKES	\$10.00	\$114,010.00	\$3.77	\$42,981.77	\$9.00	\$102,609.00	\$6.00	\$68,406.00
4020190	121,786.170	TON	PLANTMIX SURFACING (TYPE 2C) (WET)	\$75.00	\$9,133,962.75	\$77.73	\$9,466,438.99	\$61.00	\$7,428,956.37	\$86.00	\$10,473,610.62
4030100	47.670	MILE	MILLED RUMBLE STRIPS	\$750.00	\$35,752.50	\$1,534.98	\$73,172.50	\$1,000.00	\$47,670.00	\$950.00	\$45,286.50
4030110	37,637.350	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$110.00	\$4,140,108.50	\$101.93	\$3,836,375.09	\$125.00	\$4,704,668.75	\$110.00	\$4,140,108.50
4060120	44,114.710	SQYD	PRIME COAT	\$1.00	\$44,114.71	\$1.24	\$54,702.24	\$0.50	\$22,057.36	\$0.50	\$22,057.36
4060210	73.930	TON	SAND BLOTTER	\$60.00	\$4,435.80	\$12.94	\$956.65	\$40.00	\$2,957.20	\$0.01	\$0.74
4070080	14,918.030	SQYD	SEAL COAT	\$1.00	\$14,918.03	\$0.31	\$4,624.59	\$1.00	\$14,918.03	\$0.30	\$4,475.41
4960130	7,398.000	SQYD	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	\$40.00	\$295,920.00	\$51.74	\$382,772.52	\$40.00	\$295,920.00	\$41.00	\$303,318.00
4960160	808,652.000	POUND	POLYMER CONCRETE AGGREGATE	\$0.30	\$242,595.60	\$0.12	\$97,038.24	\$0.10	\$80,865.20	\$0.24	\$194,076.48
4960170	113,214.000	POUND	POLYMER CONCRETE RESIN	\$2.50	\$283,035.00	\$4.52	\$511,727.28	\$1.20	\$135,856.80	\$2.00	\$226,428.00
5020110	1.000	LS	REPAIR BARRIER RAIL	\$10,000.00	\$10,000.00	\$12,934.04	\$12,934.04	\$1,000.00	\$1,000.00	\$6,100.00	\$6,100.00
5020280	17,388.000	LINFT	SINGLE SLOPE CONCRETE BARRIER RAIL, TYPE B	\$100.00	\$1,738,800.00	\$101.12	\$1,758,274.56	\$120.00	\$2,086,560.00	\$109.00	\$1,895,292.00
5020360	1.000	FA	CONCRETE BRIDGE DECK REPAIR	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00
5020380	1.000	FA	CONCRETE SUPERSTRUCTURE REPAIR	\$33,000.00	\$33,000.00	\$33,000.00	\$33,000.00	\$33,000.00	\$33,000.00	\$33,000.00	\$33,000.00
5020400	1.000	FA	REPAIR SUBSTRUCTURE	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
5020410	1.000	FA	REINFORCED CONCRETE BOX REPAIR	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
5020750	13.080	CUYD	CLASS AA CONCRETE (MINOR)	\$1,800.00	\$23,544.00	\$1,648.69	\$21,564.87	\$4,000.00	\$52,320.00	\$3,100.00	\$40,548.00
5020990	45.100	CUYD	CLASS DA CONCRETE, MODIFIED (MAJOR)	\$1,910.00	\$86,141.00	\$989.21	\$44,613.37	\$3,000.00	\$135,300.00	\$1,450.00	\$65,395.00
5021700	1,204.000	LINFT	EXPANSION JOINT SEALANT	\$60.00	\$72,240.00	\$38.13	\$45,908.52	\$100.00	\$120,400.00	\$36.00	\$43,344.00
5022000	712.000	LINFT	PREFORMED JOINT FILLER, (2-INCH)	\$150.00	\$106,800.00	\$147.15	\$104,770.80	\$80.00	\$56,960.00	\$98.00	\$69,776.00
5050100	6,424.000	POUND	REINFORCING STEEL	\$1.50	\$9,636.00	\$1.43	\$9,186.32	\$6.00	\$38,544.00	\$2.20	\$14,132.80

Bid Tabulation

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Item No.	Quantity	Unit	Description	Engineer's Estimate		W.W. Clyde & Co.		Road and Highway Builders		Q & D Construction	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
5060110	2,779.000	POUND	STRUCTURAL STEEL	\$5.00	\$13,895.00	\$3.30	\$9,170.70	\$6.00	\$16,674.00	\$3.40	\$9,448.60
6030140	1,892.000	LINFT	15-INCH REINFORCED CONCRETE PIPE, CLASS III	\$115.00	\$217,580.00	\$86.50	\$163,658.00	\$180.00	\$340,560.00	\$60.00	\$113,520.00
6030170	7.000	LINFT	18-INCH REINFORCED CONCRETE PIPE, CLASS III	\$125.00	\$875.00	\$528.75	\$3,701.25	\$500.00	\$3,500.00	\$300.00	\$2,100.00
6030820	57.000	LINFT	45-INCH X 29-INCH OVAL REINFORCED CONCRETE PIPE, CLASS HE III	\$275.00	\$15,675.00	\$570.71	\$32,530.47	\$350.00	\$19,950.00	\$175.00	\$9,975.00
6031030	1.000	EACH	18-INCH PRECAST END SECTION	\$1,200.00	\$1,200.00	\$2,493.20	\$2,493.20	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00
6040390	32.000	LINFT	24-INCH CORR. METAL PIPE (16 GAGE)	\$120.00	\$3,840.00	\$456.94	\$14,622.08	\$400.00	\$12,800.00	\$200.00	\$6,400.00
6042440	2.000	EACH	24-INCH METAL END SECTION	\$750.00	\$1,500.00	\$2,080.23	\$4,160.46	\$2,000.00	\$4,000.00	\$1,200.00	\$2,400.00
6080150	15.000	EACH	EMBANKMENT PROTECTOR, TYPE 5	\$4,000.00	\$60,000.00	\$2,764.54	\$41,468.10	\$3,500.00	\$52,500.00	\$6,400.00	\$96,000.00
6080170	9.000	EACH	EMBANKMENT PROTECTOR, TYPE 5-2G	\$4,000.00	\$36,000.00	\$2,764.55	\$24,880.95	\$4,000.00	\$36,000.00	\$7,000.00	\$63,000.00
6080180	6.000	EACH	EMBANKMENT PROTECTOR, TYPE 5-2G (MODIFIED)	\$4,500.00	\$27,000.00	\$3,057.49	\$18,344.94	\$4,500.00	\$27,000.00	\$7,000.00	\$42,000.00
6080230	97.000	EACH	ANCHOR ASSEMBLY (12-INCH)	\$700.00	\$67,900.00	\$345.07	\$33,471.79	\$300.00	\$29,100.00	\$525.00	\$50,925.00
6080350	1,787.000	LINFT	12-INCH DOWNDRAIN PIPE	\$100.00	\$178,700.00	\$61.26	\$109,471.62	\$160.00	\$285,920.00	\$57.00	\$101,859.00
6080460	24.000	EACH	12-INCH METAL END SECTION (DOWNDRAIN)	\$600.00	\$14,400.00	\$689.80	\$16,555.20	\$500.00	\$12,000.00	\$1,250.00	\$30,000.00
6090380	4.000	EACH	TYPE 1 MANHOLE (MODIFIED)	\$6,350.00	\$25,400.00	\$3,372.01	\$13,488.04	\$5,000.00	\$20,000.00	\$8,200.00	\$32,800.00
6091040	10,683.000	POUND	STRUCTURAL STEEL GRATES	\$4.00	\$42,732.00	\$2.91	\$31,087.53	\$2.00	\$21,366.00	\$2.25	\$24,036.75
6100050	8,958.000	SQYD	GEOTEXTILE (CLASS 1)	\$6.00	\$53,748.00	\$1.61	\$14,422.38	\$2.00	\$17,916.00	\$1.25	\$11,197.50
6100170	846.000	CUYD	RIPRAP (CLASS 150)	\$100.00	\$84,600.00	\$36.08	\$30,523.68	\$70.00	\$59,220.00	\$68.00	\$57,528.00
6100190	28,994.000	CUYD	RIPRAP (CLASS 300)	\$80.00	\$2,319,520.00	\$23.42	\$679,039.48	\$12.00	\$347,928.00	\$62.00	\$1,797,628.00
6100410	6,516.590	SQYD	WIRE MESH (CABLE ANCHORED)	\$250.00	\$1,629,147.50	\$83.81	\$546,155.41	\$30.00	\$195,497.70	\$57.00	\$371,445.63
6100470	1,887.000	CUYD	RIPRAP BEDDING (CLASS 300)	\$94.00	\$177,378.00	\$40.43	\$76,291.41	\$20.00	\$37,740.00	\$73.00	\$137,751.00
6100500	58.000	CUYD	RIPRAP BEDDING (CLASS 700)	\$100.00	\$5,800.00	\$77.33	\$4,485.14	\$100.00	\$5,800.00	\$100.00	\$5,800.00
6161070	3,756.000	LINFT	DEER-PROOF FENCE	\$50.00	\$187,800.00	\$10.99	\$41,278.44	\$20.00	\$75,120.00	\$38.00	\$142,728.00
6161470	14,262.000	LINFT	TEMPORARY FENCE	\$5.00	\$71,310.00	\$4.40	\$62,752.80	\$3.00	\$42,786.00	\$2.00	\$28,524.00
6170760	1.000	EACH	20-FOOT PRECAST CATTLE GUARD	\$20,000.00	\$20,000.00	\$27,176.04	\$27,176.04	\$24,000.00	\$24,000.00	\$23,000.00	\$23,000.00
6170790	1.000	EACH	30-FOOT PRECAST CATTLE GUARD	\$25,000.00	\$25,000.00	\$34,323.73	\$34,323.73	\$28,000.00	\$28,000.00	\$29,000.00	\$29,000.00
6170810	3.000	EACH	34-FOOT PRECAST CATTLE GUARD	\$28,000.00	\$84,000.00	\$34,323.76	\$102,971.28	\$30,000.00	\$90,000.00	\$32,000.00	\$96,000.00
6170840	1.000	EACH	40-FOOT PRECAST CATTLE GUARD	\$31,000.00	\$31,000.00	\$34,323.73	\$34,323.73	\$34,000.00	\$34,000.00	\$35,500.00	\$35,500.00
6180250	54,385.000	LINFT	REMOVE AND RESET GUARDRAIL	\$5.00	\$271,925.00	\$5.50	\$299,117.50	\$1.20	\$65,262.00	\$5.50	\$299,117.50
6180400	2.000	EACH	GUARDRAIL- BARRIER RAIL CONNECTION (TRIPLE CORRUGATION)	\$3,000.00	\$6,000.00	\$5,495.62	\$10,991.24	\$2,000.00	\$4,000.00	\$5,500.00	\$11,000.00
6180550	20,248.000	LINFT	GALVANIZED GUARDRAIL (TRIPLE CORRUGATION)	\$30.00	\$607,440.00	\$35.72	\$723,258.56	\$30.00	\$607,440.00	\$35.75	\$723,866.00
6190200	1,749.000	EACH	GUIDE POSTS (RIGID)	\$40.00	\$69,960.00	\$58.59	\$102,473.91	\$40.00	\$69,960.00	\$53.50	\$93,571.50
6190270	78.000	EACH	OBJECT MARKERS, TYPE 2 (MODIFIED)	\$110.00	\$8,580.00	\$148.17	\$11,557.26	\$70.00	\$5,460.00	\$140.00	\$10,920.00
6230225	26.000	EACH	NO. 3-1/2 PULL BOX	\$550.00	\$14,300.00	\$1,099.12	\$28,577.12	\$700.00	\$18,200.00	\$900.00	\$23,400.00
6230230	24.000	EACH	NO. 5 PULL BOX	\$775.00	\$18,600.00	\$1,099.12	\$26,378.88	\$1,000.00	\$24,000.00	\$1,050.00	\$25,200.00
6230232	10.000	EACH	NO. 5 PULL BOX, MODIFIED	\$800.00	\$8,000.00	\$1,099.12	\$10,991.20	\$1,400.00	\$14,000.00	\$1,200.00	\$12,000.00
6230236	2.000	EACH	NO. 7 PULL BOX, MODIFIED	\$1,200.00	\$2,400.00	\$1,841.03	\$3,682.06	\$1,500.00	\$3,000.00	\$1,550.00	\$3,100.00
6230260	4.000	EACH	JUNCTION BOX (C)	\$750.00	\$3,000.00	\$1,648.69	\$6,594.76	\$4,000.00	\$16,000.00	\$3,300.00	\$13,200.00
6230267	28.000	EACH	LUMINAIRE, TYPE A	\$800.00	\$22,400.00	\$714.43	\$20,004.04	\$600.00	\$16,800.00	\$1,000.00	\$28,000.00
6230536	1.000	EACH	COMMUNICATION POLE	\$30,000.00	\$30,000.00	\$63,749.16	\$63,749.16	\$10,000.00	\$10,000.00	\$145,000.00	\$145,000.00
6230570	3.000	EACH	STEEL POLE, TYPE 7	\$4,500.00	\$13,500.00	\$7,529.00	\$22,587.00	\$8,000.00	\$24,000.00	\$5,600.00	\$16,800.00
6230575	19.000	EACH	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	\$4,500.00	\$85,500.00	\$8,518.21	\$161,845.99	\$10,000.00	\$190,000.00	\$5,800.00	\$110,200.00
6230585	3.000	EACH	STEEL POLE, TYPE 14 (TWIN ARMS)	\$7,750.00	\$23,250.00	\$7,529.00	\$22,587.00	\$20,000.00	\$60,000.00	\$7,500.00	\$22,500.00
6231115	1.000	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$70,000.00	\$70,000.00	\$47,811.87	\$47,811.87	\$40,000.00	\$40,000.00	\$75,000.00	\$75,000.00
6231259	260.000	LINFT	ETHERNET CABLE	\$0.70	\$182.00	\$3.30	\$858.00	\$10.00	\$2,600.00	\$9.75	\$2,535.00
6231261	1.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$5,500.00	\$5,500.00	\$8,507.21	\$8,507.21	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00
6231275	1.000	EACH	DATA RADIO COMMUNICATIONS EQUIP.-REMOTE STATION DATA RADIO	\$4,200.00	\$4,200.00	\$25,829.40	\$25,829.40	\$5,000.00	\$5,000.00	\$13,000.00	\$13,000.00
6231375	1.000	EACH	REMOVAL OF POLE	\$1,000.00	\$1,000.00	\$3,654.59	\$3,654.59	\$8,000.00	\$8,000.00	\$3,900.00	\$3,900.00
6231610	4.000	EACH	SOLAR PHOTOVOLTAIC ARRAY (POLE MOUNTED)	\$7,500.00	\$30,000.00	\$4,396.49	\$17,585.96	\$6,000.00	\$24,000.00	\$6,000.00	\$24,000.00
6231635	1.000	EACH	MODIFY ELECTRICAL SERVICE	\$1,500.00	\$1,500.00	\$4,946.06	\$4,946.06	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00

Bid Tabulation

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Item No.	Quantity	Unit	Description	Engineer's Estimate		W.W. Clyde & Co.		Road and Highway Builders		Q & D Construction	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6231795	358.000	LINFT	1 1/2-INCH CONDUIT	\$25.00	\$8,950.00	\$19.23	\$6,884.34	\$15.00	\$5,370.00	\$24.00	\$8,592.00
6231800	185.000	LINFT	1 1/2-INCH CONDUIT (METAL)	\$24.00	\$4,440.00	\$62.65	\$11,590.25	\$20.00	\$3,700.00	\$30.00	\$5,550.00
6231805	79.000	LINFT	2-INCH CONDUIT	\$10.00	\$790.00	\$38.47	\$3,039.13	\$20.00	\$1,580.00	\$22.00	\$1,738.00
6231820	10,400.000	LINFT	3-INCH CONDUIT	\$30.00	\$312,000.00	\$18.69	\$194,376.00	\$15.00	\$156,000.00	\$12.00	\$124,800.00
6231960	23.000	LINFT	NO. 2 CONDUCTOR	\$1.95	\$44.85	\$12.37	\$284.51	\$30.00	\$690.00	\$8.75	\$201.25
6231970	7,140.000	LINFT	NO. 4 CONDUCTOR	\$1.90	\$13,566.00	\$1.65	\$11,781.00	\$2.00	\$14,280.00	\$2.15	\$15,351.00
6231975	20,969.000	LINFT	NO. 6 CONDUCTOR	\$1.50	\$31,453.50	\$1.10	\$23,065.90	\$1.00	\$20,969.00	\$1.30	\$27,259.70
6231980	220.000	LINFT	NO. 8 CONDUCTOR	\$1.40	\$308.00	\$1.92	\$422.40	\$1.00	\$220.00	\$1.20	\$264.00
6231985	6,560.000	LINFT	NO. 10 CONDUCTOR	\$1.25	\$8,200.00	\$0.82	\$5,379.20	\$1.00	\$6,560.00	\$1.10	\$7,216.00
6232225	4.000	EACH	STEEL POST, 30-FOOT	\$4,500.00	\$18,000.00	\$11,705.66	\$46,822.64	\$12,000.00	\$48,000.00	\$9,000.00	\$36,000.00
6232420	4.000	EACH	SIGNAL HEAD 1W1C, BRACKET	\$1,000.00	\$4,000.00	\$1,797.07	\$7,188.28	\$600.00	\$2,400.00	\$1,000.00	\$4,000.00
6232550	6.000	EACH	SIGNAL HEAD 1W1C, POST TOP	\$1,100.00	\$6,600.00	\$923.26	\$5,539.56	\$500.00	\$3,000.00	\$1,000.00	\$6,000.00
6232630	68.000	EACH	LOOP DETECTOR (6-FOOT X 6-FOOT)	\$480.65	\$32,684.20	\$1,450.84	\$98,657.12	\$500.00	\$34,000.00	\$650.00	\$44,200.00
6232895	308.000	LINFT	DIRECTIONAL DRILLING	\$80.00	\$24,640.00	\$131.89	\$40,622.12	\$80.00	\$24,640.00	\$185.00	\$56,980.00
6232950	1.000	EACH	CCTV LOWERING DEVICE (HIGH MAST)	\$10,000.00	\$10,000.00	\$17,228.77	\$17,228.77	\$15,000.00	\$15,000.00	\$28,000.00	\$28,000.00
6233030	1.000	EACH	CCTV CAMERA (PTZ)	\$7,000.00	\$7,000.00	\$19,417.11	\$19,417.11	\$12,000.00	\$12,000.00	\$12,500.00	\$12,500.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$392,000.00	\$392,000.00	\$392,000.00	\$392,000.00	\$392,000.00	\$392,000.00	\$392,000.00	\$392,000.00
6240190	40.000	HOUR	RENT EQUIPMENT (MOTOR GRADER)	\$200.00	\$8,000.00	\$202.41	\$8,096.40	\$160.00	\$6,400.00	\$275.00	\$11,000.00
6240240	40.000	HOUR	RENT EQUIPMENT (LOADER)	\$170.00	\$6,800.00	\$206.76	\$8,270.40	\$160.00	\$6,400.00	\$250.00	\$10,000.00
6240280	40.000	HOUR	RENT EQUIPMENT (DUMP TRUCK)	\$130.00	\$5,200.00	\$141.69	\$5,667.60	\$120.00	\$4,800.00	\$185.00	\$7,400.00
6240530	18.000	MONTH	RENT EQUIPMENT (OFFICE SPACE)	\$4,000.00	\$72,000.00	\$6,306.22	\$113,511.96	\$4,000.00	\$72,000.00	\$3,000.00	\$54,000.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$1,203,910.00	\$1,203,910.00	\$731,852.03	\$731,852.03	\$1,226,038.69	\$1,226,038.69	\$2,000,000.00	\$2,000,000.00
6270190	5,921.900	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$80.00	\$473,752.00	\$96.17	\$569,509.12	\$80.00	\$473,752.00	\$96.00	\$568,502.40
6270200	96.000	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (SPECIAL METAL SUPPORTS)	\$100.00	\$9,600.00	\$175.86	\$16,882.56	\$400.00	\$38,400.00	\$170.00	\$16,320.00
6270220	163.500	SQFT	PERMANENT SIGN PANELS (PANELS ONLY)	\$50.00	\$8,175.00	\$42.32	\$6,919.32	\$80.00	\$13,080.00	\$41.00	\$6,703.50
6270240	5,308.850	SQFT	PERMANENT SIGNS, REMOVE	\$5.00	\$26,544.25	\$8.57	\$45,496.84	\$5.00	\$26,544.25	\$8.50	\$45,125.23
6270250	42.000	SQFT	PERMANENT SIGNS, REMOVE (PANEL ONLY)	\$18.00	\$756.00	\$5.83	\$244.86	\$20.00	\$840.00	\$5.75	\$241.50
6280120	1.000	LS	MOBILIZATION	\$1,989,754.85	\$1,989,754.85	\$2,744,131.12	\$2,744,131.12	\$3,300,000.00	\$3,300,000.00	\$3,039,294.24	\$3,039,294.24
6320830	1,952.000	LINFT	EPOXY PAVEMENT STRIPING (8-INCH DOTTED WHITE)	\$1.00	\$1,952.00	\$1.10	\$2,147.20	\$3.00	\$5,856.00	\$1.10	\$2,147.20
6320890	52.100	MILE	EPOXY PAVEMENT STRIPING (8-INCH BROKEN WHITE)	\$1,500.00	\$78,150.00	\$1,483.82	\$77,307.02	\$1,400.00	\$72,940.00	\$1,400.00	\$72,940.00
6320910	1.800	MILE	EPOXY PAVEMENT STRIPING (SOLID WHITE)	\$2,000.00	\$3,600.00	\$2,582.94	\$4,649.29	\$3,000.00	\$5,400.00	\$2,500.00	\$4,500.00
6320940	52.700	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	\$2,500.00	\$131,750.00	\$3,956.84	\$208,525.47	\$2,000.00	\$105,400.00	\$3,900.00	\$205,530.00
6320960	2.300	MILE	EPOXY PAVEMENT STRIPING (12-INCH SOLID WHITE)	\$4,500.00	\$10,350.00	\$6,265.00	\$14,409.50	\$4,000.00	\$9,200.00	\$6,200.00	\$14,260.00
6320970	120.500	LINFT	EPOXY PAVEMENT STRIPING (24-INCH SOLID WHITE)	\$14.00	\$1,687.00	\$19.23	\$2,317.22	\$20.00	\$2,410.00	\$19.00	\$2,289.50
6321030	62.800	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	\$2,600.00	\$163,280.00	\$3,956.84	\$248,489.55	\$2,000.00	\$125,600.00	\$3,900.00	\$244,920.00
6321070	4,719.000	LINFT	EPOXY PAVEMENT STRIPING (DOUBLE SOLID YELLOW)	\$1.00	\$4,719.00	\$0.82	\$3,869.58	\$1.00	\$4,719.00	\$0.80	\$3,775.20
6341060	336.000	SQFT	THERMOPLASTIC PAVEMENT MARKING (VARIES)	\$30.00	\$10,080.00	\$21.98	\$7,385.28	\$15.00	\$5,040.00	\$22.00	\$7,392.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$33,736.26	\$33,736.26	\$15,176.82	\$15,176.82	\$120,000.00	\$120,000.00	\$100,000.00	\$100,000.00
6410100	4.000	EACH	IMPACT ATTENUATOR	\$30,000.00	\$120,000.00	\$31,325.02	\$125,300.08	\$30,000.00	\$120,000.00	\$31,000.00	\$124,000.00
6460110	480.000	SQYD	BRIDGE DECK PREPARATION	\$6.50	\$3,120.00	\$8.91	\$4,276.80	\$50.00	\$24,000.00	\$23.50	\$11,280.00
6460150	46.000	GAL	CRACK SEALANT	\$85.00	\$3,910.00	\$75.11	\$3,455.06	\$200.00	\$9,200.00	\$50.00	\$2,300.00
Totals:					\$35,152,895.40		\$31,615,000.00		\$33,131,131.00		\$35,690,000.00

Price Sensitivity

- March 15, 2019 -

Contract No.: 3765
 Project No.: NHP-080-5(041)
 Project Id: 73793
 County: Elko
 Range: R36 (\$34,000,000.01 to \$41,000,000.00)
 Working: 280

RE: Mirak Mehari
 Designer: Randell Loff

Engineer's Estimate	W.W. Clyde & Co.	Road and Highway Builders	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$35,152,895.40	\$31,615,000.00	\$33,131,131.00	\$1,516,131.00	-\$3,537,895.40	90%

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
2010100	1.000	CLEARING AND GRUBBING	LS	\$67,000.00	\$33,295.06	\$120,000.00	N/A	N/A	50%	Yes	-
2020120	66,587.000	REMOVAL OF PORTION OF BRIDGE DECK	SQFT	\$2.75	\$1.27	\$2.00	-2,076,891.78	-3119%	46%	Yes	Qty Verified, OK
2020475	10,883.000	REMOVAL OF GUARDRAIL	LINFT	\$5.00	\$8.79	\$5.00	400,034.56	3676%	176%	Yes	Qty Verified, OK
2020990	937,280.830	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	SQYD	\$2.00	\$0.95	\$3.00	-739,576.10	-79%	48%	Yes	Qty Verified, OK
2030140	210,927.000	ROADWAY EXCAVATION	CUYD	\$12.00	\$13.28	\$15.00	-881,471.51	-418%	111%	No	Qty Verified, OK
2060110	1,882.000	STRUCTURE EXCAVATION	CUYD	\$30.00	\$1.00	\$30.00	-52,280.38	-2778%	3%	Yes	Qty Verified, OK
2110530	2,022.000	ROCK MULCH	CUYD	\$97.00	\$35.14	\$70.00	-43,492.00	-2151%	36%	Yes	Qty Verified, OK
2120045	2,058.000	PAINTING	SQYD	\$20.00	\$45.06	\$20.00	60,500.04	2940%	225%	Yes	Qty Verified, OK
3020140	18,199.640	TYPE 1 CLASS B AGGREGATE BASE	CUYD	\$50.00	\$26.19	\$40.00	-109,785.01	-603%	52%	Yes	Qty Verified, OK
3070100	5,000.000	SHOULDERING MATERIAL	TON	\$20.00	\$22.89	\$6.00	89,765.01	1795%	114%	No	Qty Verified, OK
4020100	5,153.490	PLANTMIXING MISCELLANEOUS AREAS	SQYD	\$13.00	\$11.52	\$28.00	-91,998.24	-1785%	89%	No	Qty Verified, OK
4020130	11,401.000	PLANTMIX BITUMINOUS SHOULDER DIKES	LINFT	\$10.00	\$3.77	\$9.00	-289,891.20	-2543%	38%	Yes	Qty Verified, OK
4020190	121,786.170	PLANTMIX SURFACING (TYPE 2C) (WET)	TON	\$75.00	\$77.73	\$61.00	90,623.49	74%	104%	No	Qty Verified, OK
4030100	47.670	MILLED RUMBLE STRIPS	MILE	\$750.00	\$1,534.98	\$1,000.00	2,834.00	5945%	205%	Yes	Qty Should Be Approx 77.
4030110	37,637.350	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	TON	\$110.00	\$101.93	\$125.00	-65,718.73	-175%	93%	No	Qty Verified, OK
4060120	44,114.710	PRIME COAT	SQYD	\$1.00	\$1.24	\$0.50	2,048,825.68	4644%	124%	No	Qty Verified, OK
4960130	7,398.000	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	SQYD	\$40.00	\$51.74	\$40.00	129,142.33	1746%	129%	No	Qty Verified, OK
4960160	808,652.000	POLYMER CONCRETE AGGREGATE	POUND	\$0.30	\$0.12	\$0.10	75,806,550.00	9374%	40%	Yes	Qty Verified, OK
4960170	113,214.000	POLYMER CONCRETE RESIN	POUND	\$2.50	\$4.52	\$1.20	456,665.96	403%	181%	Yes	Qty Verified, OK
5020280	17,388.000	SINGLE SLOPE CONCRETE BARRIER RAIL, TYPE B	LINFT	\$100.00	\$101.12	\$120.00	-80,303.55	-462%	101%	No	Qty Verified, OK
5020990	45.100	CLASS DA CONCRETE, MODIFIED (MAJOR)	CUYD	\$1,910.00	\$989.21	\$3,000.00	-754.00	-1672%	52%	Yes	Qty Verified, OK
5021700	1,204.000	EXPANSION JOINT SEALANT	LINFT	\$60.00	\$38.13	\$100.00	-24,505.11	-2035%	64%	Yes	Qty Verified, OK
5022000	712.000	PREFORMED JOINT FILLER, (2-INCH)	LINFT	\$150.00	\$147.15	\$80.00	22,578.27	3171%	98%	No	Qty Verified, OK
6030140	1,892.000	15-INCH REINFORCED CONCRETE PIPE, CLASS III	LINFT	\$115.00	\$86.50	\$180.00	-16,215.30	-857%	75%	No	Qty Verified, OK
6080150	15.000	EMBANKMENT PROTECTOR, TYPE 5	EACH	\$4,000.00	\$2,764.54	\$3,500.00	-2,061.47	-13743%	69%	Yes	Qty Verified, OK
6080230	97.000	ANCHOR ASSEMBLY (12-INCH)	EACH	\$700.00	\$345.07	\$300.00	33,639.47	34680%	49%	Yes	Qty Verified, OK
6080350	1,787.000	12-INCH DOWNDRAIN PIPE	LINFT	\$100.00	\$61.26	\$160.00	-15,354.78	-859%	61%	Yes	Qty Verified, OK
6100050	8,958.000	GEOTEXTILE (CLASS 1)	SQYD	\$6.00	\$1.61	\$2.00	-3,887,515.38	-43397%	27%	Yes	Qty Verified, OK
6100170	846.000	RIPRAP (CLASS 150)	CUYD	\$100.00	\$36.08	\$70.00	-44,697.26	-5283%	36%	Yes	Qty Verified, OK
6100190	28,994.000	RIPRAP (CLASS 300)	CUYD	\$80.00	\$23.42	\$12.00	132,761.03	458%	29%	Yes	Qty Verified, OK
6100410	6,516.590	WIRE MESH (CABLE ANCHORED)	SQYD	\$250.00	\$83.81	\$30.00	28,175.64	432%	34%	Yes	Limited Historical Prices
6100470	1,887.000	RIPRAP BEDDING (CLASS 300)	CUYD	\$94.00	\$40.43	\$20.00	74,211.01	3933%	43%	Yes	Qty Verified, OK
6161070	3,756.000	DEER-PROOF FENCE	LINFT	\$50.00	\$10.99	\$20.00	-168,272.03	-4480%	22%	Yes	EE High, \$20 is Reasonable
6161470	14,262.000	TEMPORARY FENCE	LINFT	\$5.00	\$4.40	\$3.00	1,082,950.71	7593%	88%	No	Qty Verified, OK
6170810	3.000	34-FOOT PRECAST CATTLE GUARD	EACH	\$28,000.00	\$34,323.76	\$30,000.00	350.65	11688%	123%	No	Qty Verified, OK
6180250	54,385.000	REMOVE AND RESET GUARDRAIL	LINFT	\$5.00	\$5.50	\$1.20	352,588.60	648%	110%	No	Qty Verified, OK
6180550	20,248.000	GALVANIZED GUARDRAIL (TRIPLE CORRUGATION)	LINFT	\$30.00	\$35.72	\$30.00	265,057.87	1309%	119%	No	Qty Verified, OK
6190200	1,749.000	GUIDE POSTS (RIGID)	EACH	\$40.00	\$58.59	\$40.00	81,556.27	4663%	146%	No	Qty Verified, OK
6230536	1.000	COMMUNICATION POLE	EACH	\$30,000.00	\$63,749.16	\$10,000.00	28.21	2821%	212%	Yes	EE may be low (no bid history)
6230575	19.000	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	EACH	\$4,500.00	\$8,518.21	\$10,000.00	-1,023.18	-5385%	189%	Yes	EE ok
6231115	1.000	ROAD AND WEATHER INFORMATION SYSTEM	LS	\$70,000.00	\$47,811.87	\$40,000.00	N/A	N/A	68%	Yes	EE ok
6231820	10,400.000	3-INCH CONDUIT	LINFT	\$30.00	\$18.69	\$15.00	410,875.61	3951%	62%	Yes	EE ok (I put the ex/fill in 3" for common trench and it looks like the bidders put it in 2")
6232630	68.000	LOOP DETECTOR (6-FOOT X 6-FOOT)	EACH	\$480.65	\$1,450.84	\$500.00	1,594.52	2345%	302%	Yes	EE should have been \$1k
6240530	18.000	RENT EQUIPMENT (OFFICE SPACE)	MONTH	\$4,000.00	\$6,306.22	\$4,000.00	657.41	3652%	158%	Yes	Qty Verified, OK
6250490	1.000	RENT TRAFFIC CONTROL DEVICES	LS	\$1,203,910.00	\$731,852.03	\$1,226,038.69	N/A	N/A	61%	Yes	-
6270190	5,921.900	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	SQFT	\$80.00	\$96.17	\$80.00	93,761.97	1583%	120%	No	Qty Verified, OK
6280120	1.000	MOBILIZATION	LS	\$1,989,754.85	\$2,744,131.12	\$3,300,000.00	N/A	N/A	138%	No	-
6320890	52.100	EPOXY PAVEMENT STRIPING (8-INCH BROKEN WHITE)	MILE	\$1,500.00	\$1,483.82	\$1,400.00	18,087.94	34718%	99%	No	Qty Verified, OK
6320940	52.700	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	MILE	\$2,500.00	\$3,956.84	\$2,000.00	774.79	1470%	158%	Yes	Qty Verified, OK
6321030	62.800	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	MILE	\$2,600.00	\$3,956.84	\$2,000.00	774.79	1234%	152%	Yes	Qty Verified, OK
6410100	4.000	IMPACT ATTENUATOR	EACH	\$30,000.00	\$31,325.02	\$30,000.00	1,144.23	28606%	104%	No	Qty Verified, OK

Additional Comments:



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

MEMORANDUM

March 29, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: April 8, 2019, Transportation Board of Directors Meeting
Item #6: 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 February 13, 2019, through March 12, 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 February 13, 2019, through March 12, 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, February 13, 2019, through March 12, 2019.

Recommendation for Board Action:

Approval of all agreements listed on Attachment A

Prepared by: Administrative Services Division

Attachment

A

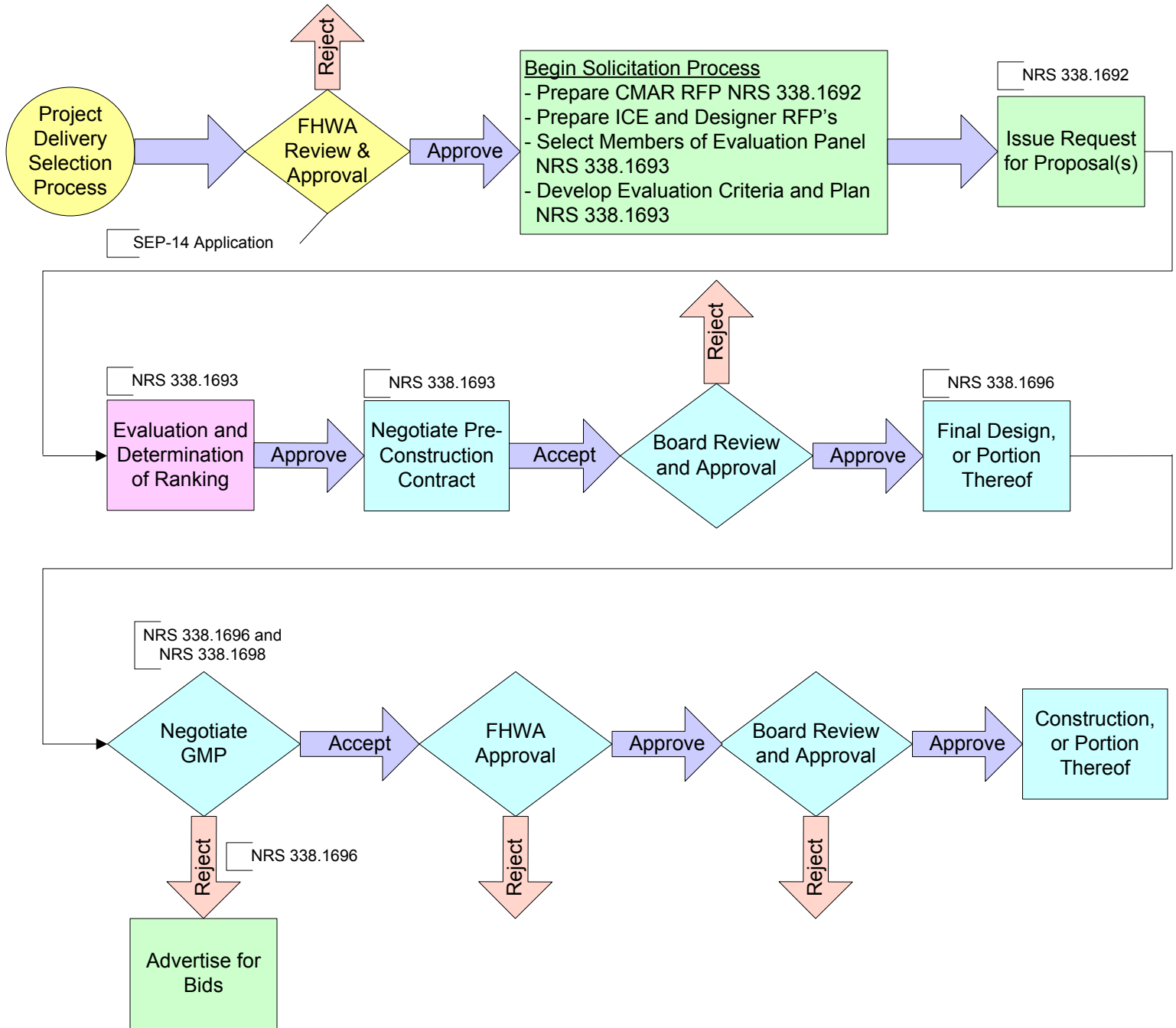
State of Nevada Department of Transportation
 Agreements for Approval
 February 13, 2019 through March 12, 2019

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Amendment Amount	Total Amount of Prior Amendments	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Notes
1	73518	00	Q&D CONSTRUCTION, INC.	CONSTRUCTION MANAGER AT RISK (CMAR) - ELY DOWNTOWN PROJECT	N	257,400.00	-	-	257,400.00	-	8-Apr-2019	31-Dec-2020	-	Service Provider	Project Management	Cole	04-08-19: CONSTRUCTION MANAGER AT RISK (CMAR) HAS BEEN SELECTED FOR THE RECONSTRUCTION OF THE ELY DOWNTOWN CORRIDOR PROJECT (PROJECT) ON US 50/AULTMAN STREET/GREAT BASIN BOULEVARD AND US 93/EAST AULTMAN STREET. SERVICES INCLUDE, BUT ARE NOT LIMITED TO: DESIGN OVERSIGHT, CONSTRUCTABILITY REVIEWS, RISK ASSESSMENTS, AND COST ESTIMATE DEVELOPMENT. THE PROJECT INCORPORATES UPGRADING THE DRAINAGE FACILITIES TO MEET THE TWENTY-FIVE (25)-YEAR FLOOD DESIGN STANDARD AND ADA ENHANCEMENTS FOR SIDEWALK, CURB AND GUTTER IMPROVEMENTS. THIS INCLUDES THE CITY OF ELY WATER AND SEWER INFRASTRUCTURE RELOCATION AND NDOT FIBER OPTIC INSTALLATION. IN ADDITION, THE PROJECT IMPROVES SAFETY BY RECONFIGURING LANES THROUGH "COMPLETE STREETS" FEATURES, DOWNTOWN LIGHTING, RECTANGULAR RAPID FLASHING BEACONS PEDESTRIAN CROSSINGS, AND CURB EXTENSIONS, WHITE PINE COUNTY. NV B/L#: NVD19671000639-R PROPOSERS: GRANITE CONSTRUCTION COMPANY, KIEWIT, MEADOW VALLEY, Q&D CONSTRUCTION, INC., ROAD AND HIGHWAY BUILDERS, LLC, AND W.W. CLYDE
2	73618	00	ICE TEAMS, LLC	INDEPENDENT COST ESTIMATOR (ICE) - ELY DOWNTOWN PROJECT	N	318,536.00	-	-	318,536.00	-	8-Mar-2019	30-Jun-2022	-	Service Provider	Project Management	Cole	04-08-19: INDEPENDENT COST ESTIMATOR (ICE) HAS BEEN SELECTED FOR THE ELY DOWNTOWN RECONSTRUCTION PROJECT (PROJECT). THE ICE SHALL WORK WITH, AND BECOME A PART OF, THE PROJECT TEAM WHICH CONSIST OF THE DEPARTMENT'S PROGRAM AND PROJECT MANAGERS, THE CONSTRUCTION MANAGER AT RISK (CMAR), AND THE CONSTRUCTION ENGINEERING SERVICE PROVIDERS (AS APPLICABLE). THE ICE SERVICES FOR THIS PROJECT SHALL INCLUDE, BUT ARE NOT LIMITED TO: PROVIDING INDEPENDENT COST ESTIMATES ADVANCING THROUGH INTERMEDIATE AND FINAL DESIGN FOR CONSTRUCTION, PREPARE AN INDEPENDENT CONSTRUCTION SCHEDULE, PARTICIPATE IN DEVELOPMENT AND IMPROVEMENT OF THE PROJECT MANAGEMENT PLAN, REVIEW CONSTRUCTION CONTRACT DOCUMENTS FOR ADEQUATE QUALITY FOR BIDDING AND CONSTRUCTION PURPOSES, ACTIVELY PARTICIPATE IN THE PARTNERING PROCESS, PARTICIPATE AS A MEMBER OF THE PROJECT TEAM KICKOFF MEETING, AND ASSIST THE DEPARTMENT WITH CONSTRUCTION SUPPORT SERVICES. NV B/L#: NVF20161541307-R PROPOSERS: HDR, ICE TEAMS, LLC, SLATER HANIFAN GROUP

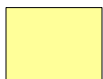
NDOT CMAR Process

NDOT CMAR Process

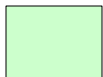
December 5, 2011



Legend



= Identification Phase



= Solicitation Phase



= Evaluation Phase



= Award/Implementation Phase

Terminology

RFP = Request for Proposal

GMP = Guaranteed Maximum Price

Line Item 1

735-18-015

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): 2-33086

Type of Services: CMAR Pre-Construction Services for Ely Downtown Project

Originated by: Jae Pullen Division: Project Mgmt Date Originated: 12/10/2018

Division Head/District Engineer: Nick Johnson

Budget Category #: 06-BLDGS/IMPV Object #: 8143- Consultant CMAR Organization #: B015

Estimated Cost: \$400,000.00 Type of Funding: State % of Fund: 100

Funding Notes: State Fiscal Year(s): FY19, FY20

FY2019 (\$200k), FY2020 (\$200k)

Financial Management:

DocuSigned by:
Donna Spelts 12/17/2018
8A78D93AD716514 Signature Date

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 12/18/2018
3BAB63AE020814 Signature Date

Director:

Requires Transportation Board Presentation

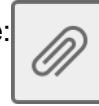
Does not require Transportation Board presentation

DocuSigned by:
Randy Mayhew 12/19/2018
C4C7CE5CD58814 Signature Date

735-18-015

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 has developed a process to identify delivery methods through the Project Delivery Selection Approach (PDSA) as defined by the Pioneer Program Guidelines. In accordance with this process, the Ely Downtown project in White Pine County has been selected to be delivered via CMAR. The Project Delivery Selection Memo is attached. This request is to hire CMAR to perform the pre-construction services for this project which is anticipated to be delivered into two construction packages.

Please note that a separate request for ICE has been submitted.

Scope of Services:

The CMAR scope of services for the pre-construction phase includes, but not limited to design oversight, constructability reviews, risk assessments, and opinions of probable construction costs (OPCCs) for Construction Package #1 and #2. Once the Department has accepted the CMAR's guaranteed maximum price (GMP), the Contractor may start the construction phase of the project, and the pre-construction services agreement may be terminated.



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

MEMORANDUM

March 18, 2019

TO: Cole Mortensen, P.E., Assistant Director

FROM: Jae Pullen, Project Manager  03/18/2019

SUBJECT: Negotiation Summary for RFP 735-18-015 Construction Manager at Risk (CMAR) Ely Downtown Project

A negotiation meeting was held at Nevada Department of Transportation in Carson City on Thursday, March 14, 2019, with Jeff Bean of Q&D Construction and Dale Keller, Sajid Sulahria, and Jae Pullen of the Nevada Department of Transportation (DEPARTMENT) in attendance.

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

This duration of this agreement will be over one year, ending on June 30, 2020.

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

The following schedule was agreed to by both parties:

Date	Task to be Completed
April 2019	Kickoff, Partnering, & Initial Approach to Cost Meetings
Bi-monthly	Progress Meetings
May/June 2019	Intermediate Design/Schedule/OPCC/Risk Meetings
July 2019	Final Design/OPCC/Risk- Construction Package #1
December 2019	GMP#1 – Construction Package #1
January/February 2020	Final Design/OPCC/Risk- Construction Package #2
April 2020	GMP#1 – Construction Package #2

Key personnel dedicated to this project are as follows:

Name	Title
Jeff Bean	Project Executive
Eric Pender	Project Manager
Travis Edgar	Superintendent
Kevin Linderman	Chief Estimator
Chris Barrett	Public Relations Manager

Sub-consultant information regarding Project Descriptions on active Agreements:

Sub-Consultant	Project Description	Agreement No.
Ventura Consulting	Partnering facilitator	TBD

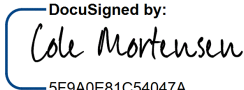
The DEPARTMENT's original estimate was \$391,312.00 including direct labor (1,768 man-hours of work by the SERVICE PROVIDER) and direct expenses at \$50,000.00 (including sub-consultant expenses).

The SERVICE PROVIDER's original estimate was \$244,700.00, including direct labor (1,698 man-hours of work by the SERVICE PROVIDER), and direct expenses at \$15,700 (including sub-consultant expenses)

The negotiations yielded the following:

1. There will be 1,788 total man-hours allotted to CMAR pre-construction services throughout the course of this agreement at a direct labor cost of \$209,216.00, which will take effect over the term of the agreement. Additional man-hours were included to accommodate a public meeting (added to scope of services).
2. The direct expenses agreed to total \$18,200.00 for sub-consultants (Partnering), reproduction, communication, travel and per diem. There will be no direct compensation for computer time. Additional direct expenses to accommodate a public meeting (added to scope of services).
3. A sum of \$30,000 will be reserved for potential future task orders to be issued through pre-construction services.
4. The total negotiated cost for this agreement is \$257,400.00.

Reviewed and Approved:

DocuSigned by:

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03/19/2019

Assistant Director

Attachment A
Construction Manager at Risk (CMAR)
Scope of Services for Ely Downtown Project

The following describes the Scope of Services for the CMAR, acting as the Construction Manager, for the US 50/US 95 Ely Downtown Project (Project).

PROJECT DESCRIPTION

The Nevada Department of Transportation (DEPARTMENT) proposes to reconstruct the Ely Downtown Corridor on US 50/ Aultman Street/Great Basin Boulevard and US 93/ East Aultman Street in White Pine County. The Project includes upgrading the drainage facilities to meet the twenty-five (25)-year flood design standard and ADA enhancements for sidewalk, curb, and gutter improvements, to include the City of Ely (CITY) water and sewer infrastructure relocation and DEPARTMENT fiber optic installation. In addition, the Project improves safety by reconfiguring lanes through “complete streets” features, downtown lighting, rectangular rapid flashing beacons (RRFB) pedestrian crossings, and curb extensions (bulb-outs).

The DEPARTMENT drainage conveys water from both the Murry and Gleason Creek watersheds, to include the nearby mine. The DEPARTMENT’s forces have spent considerable resources in repairing drainage facilities that has reached end of service life, particularly the facilities on Great Basin Boulevard. In addition, the CITY officials and the DEPARTMENT have agreed to a joint effort in relocating the CITYs wet utilities (sewer and water) as part of this Project.

The limits of the proposed improvements to the Ely Downtown Corridor are on Aultman Street from 1st Street to East Aultman Street at East 15th Street and Great Basin Boulevard from East Aultman Street to US 6, from mile post 66.236 to 68.450 and US 93 from mile post 53.639 to 54.467. The limits of the complete streets safety enhancements are on Aultman Street from 1st Street to 11th Street. Additionally, drainage improvements extend northeast from Aultman Street at Odgen Avenue to the Murry Creek culvert, just north of the Ely warm Springs.

The DEPARTMENT anticipates the Project construction to be administered in two (2) construction packages, completed within two construction seasons based on available funding and priorities. The DEPARTMENT will be the lead agency for the Project, with participation from local stakeholders, including CITY, White Pine County, White Pine Museum, Northern Nevada Railroad, and local business, such as the Robinson Nevada Mining Company. Coordination efforts with the CITY are critical for the successful design and construction of the CITY’s wet utilities.

If the Project cannot be delivered within the allocated budget or in a manner satisfactory to the DEPARTMENT, in its sole discretion, the DEPARTMENT retains the option, in its sole discretion, to cancel the Project, modify the Project scope, or deliver the Project by other procurement means.

Environmental Status

The Project is currently undergoing National Environmental Policy Act (NEPA) environmental review. The Proposers must note that the proposed Project remains in the environmental process and that a NEPA approval has not yet been obtained. The Categorical Exclusion (CE) completion date is dependent on securing a funding source. It is anticipated Phase 1 construction will be state-funded and that a CE will be obtained. Phase 2 may be state-funded, federally funded or a combination of the two. The DEPARTMENT currently anticipates receiving a NEPA approval by

December 2019. Proposers must be mindful that this date could change. Release of this RFP does not obligate FHWA to approve NEPA for this Project. Failure to obtain FHWA NEPA approval may result in delay or cancellation of the DEPARTMENT's construction of this Project.

Design Status and Project Risks

The Project is currently at the intermediate design stage, and it is anticipated that the design is to be finalized once a Construction Manager has been selected through the CMAR process.

If the Project cannot be delivered within the allocated budget or in a manner satisfactory to the DEPARTMENT, in its sole discretion, the DEPARTMENT retains the option, in its sole discretion, to cancel the Project, modify the Project scope, or deliver the Project by other procurement means.

Some of the currently identified Project risks include the following:

- Delay or failure to secure adequate construction funding.
- Maintenance of traffic (MOT) on Aultman Street, East Aultman Street and Great Basin Boulevard.
- Coordination, scheduling, and constructability of concrete box culvert work in confined areas.
- Implementing a cooperative design between the DEPARTMENT's roadway reconstruction to include drainage facilities and the City's wet utilities upgrade.
- Work area limitations of operations during special events, holidays, and business impacts.
- Local market conditions and limited quality material resources.

The DEPARTMENT anticipates that additional Project risks will be identified through the design process with the assistance and input of the Construction Manager.

PROJECT TEAM AND THIRD PARTY STAKEHOLDERS

The Construction Manager shall partner with other members of the Project Team. Without limitation, the following groups will be part of that coordination and will be required to coordinate with each other:

1. The DEPARTMENT's Project Managers,
2. The DEPARTMENT's Designer
3. The DEPARTMENT's Construction/Resident Engineer
4. Independent Cost Estimator (ICE),
5. Construction Manager and any subcontractors
6. The DEPARTMENT's District III
7. The DEPARTMENT's Hydraulic Division
8. The DEPARTMENT's Right-of-Way Division
9. The DEPARTMENT's Environmental Division
10. White Pine County
11. Northern Nevada Railway
12. White Pine Museum

PROJECT GOALS

The goals of the Project are to:

1. Successfully coordinate, design, and construct a complex, multi-disciplinary Project involving the following work elements:
 - a. Roadbed reconstruction;
 - b. Upgrading the existing drainage infrastructure on DEPARTMENT and CITY Right-of-Way to meet the DEPARTMENT's 25-year flood design;
 - c. CITY wet utility construction;
 - d. Downtown Ely roadway revitalization and safety enhancements.
2. Reduce DEPARTMENT maintenance on roadway and drainage repair by providing a 20- and 50-year design life for pavement and drainage, respectively.
3. Maintenance of Traffic (MOT): During construction, minimize delays and impacts to the traveling public, local residents, local businesses, and special events; while maintaining pedestrian, bicycle, and other recreational activities at all times.
4. Minimize construction-related noise, debris, and air quality impacts to residents, businesses, and other stakeholders.
5. Successfully replace CITY's aging wet utilities (sewer and water) that has reached end of serviceable life and reduce the risk of future utility failures within the project limits.
6. Promote safety and multimodal travel in the downtown area by ADA compliant sidewalks, ramps, driveway crossings, and complete street features such as roadway curb extensions (bulk-outs).
7. Implementing the state's Fiber Sharing Program for rural communities.
8. Deliver a project that meets project goals within a limited budget and complete by Fiscal Year 2022.
9. Strive to achieve zero (0) change orders on the Project.
10. Complete the project with zero (0) environmental compliance incidents or issues, adhering to all permit, stakeholder, and departmental environmental commitments and requirements.

CONTRACT SCHEDULE AND PROJECT WORK DURATION

Contract Schedule

The Services shall commence upon Notice to Proceed received from the DEPARTMENT. Table 1 has been established to ensure timely Project delivery.

Table 1: Preliminary Meeting Schedule

MEETING DESCRIPTION	DATE	LOCATION
Project Kickoff Meeting	April 2019	Ely
Partnering Meeting #1/Initial Approach to Cost Meeting	April 2019	Ely

MEETING DESCRIPTION	DATE	LOCATION
Regular progress meetings/discipline workshops	Bi-monthly	Carson City
60% Design Review/ Design Milestone Meeting (including DBE Performance Plan)- Whole Project	May/June 2019	Carson City
Schedule/OPCC/Risk Assessment Meetings	May/June 2019	Carson City
Final Design Review (Design Milestone Meeting)/Schedule/OPCC/Risk Assessment Meetings- Construction Package #1	September 2019	Carson City
Construction Contract Package #1	Spring 2020	-
Final Design Reviews/ Schedule/OPCC/Risk Assessment Meetings- Construction Package #2	February 2020	Carson City
Construction Contract Package #2	Spring 2021	-
End Construction	December 2021	-

Project Work Duration

1. Work duration: The time period for the Project work described in this Scope of Services is approximately two hundred forty (240) working days, with Services beginning within five (5) working days of the Notice to Proceed for pre-construction services. Work duration for construction will be identified in the Construction Contract.
2. Project construction schedule: It is the DEPARTMENT's intent that the Project Team works collaboratively to develop the Project design in an efficient and prompt manner. To accommodate available fiscal year funding, construction is anticipated to occur under two (2) construction packages, with the construction of the first package to begin as early as 2019 and the second package to begin as early as 2020. Given the need to address concerns of a wide variety of stakeholders, it is critical to develop a construction schedule minimizing impacts to the traveling public.

Compensation and Payment

The Construction Manager shall be compensated and paid in accordance with conditions set forth in Article IV and Article V of the Pre-Construction Services Agreement and its associated attachments.

SCOPE OF SERVICES SUMMARY

The Construction Manager shall work with and become part of the Project Team, which also consists of the DEPARTMENT's Program and Project Managers, the DEPARTMENT's Design Service Provider(s), the Independent Cost Estimator (ICE), and the DEPARTMENT's Construction Engineering Service Provider(s), to accomplish the following tasks. In addition, the Construction Manager shall work with other key stakeholders and/or third parties identified by the DEPARTMENT.

TASKS

The Construction Manager's tasks shall include the following.

Task 1.0: Project Team Kickoff Workshop

The Construction Manager shall collaboratively work with the DEPARTMENT Project Manager to plan, attend, and actively participate as a member of the Project Team in the Project Team kickoff meeting to be led by the DEPARTMENT. The Project Team kickoff workshop may include discussion of the following activities:

1. Introduction to the Project, the CMAR project delivery method, the partnering process, and the Project stakeholders
2. Presentation of Project elements and the Project scope
 - a. Project status, goals, objectives, etc.
 - b. Project information, including relevant plans, specifications, studies, and reports
3. Project schedule and major milestones
 - a. Project Team meetings
 - b. Major Project activities
4. Identification of roles and responsibilities for the Project Team
 - a. Owner
 - b. Designer
 - c. Construction Manager
 - d. ICE
5. Process for design input
 - a. Innovation
 - b. Alternative design analysis
 - c. Designer's needs
6. Communications protocol and plan
7. Identification of change management process
8. Initial discussions on
 - a. Cost/pricing development
 - b. Project risks identification
9. Questions/Answers
10. Project Tour/Field Visits

Assumptions: The Kickoff Workshop will be held in Ely, Nevada. The Project Manager shall identify the members and personnel of the Construction Manager's team that will

attend and participate in the workshop. The Project Manager will also document in this section the location and duration for this task.

Deliverable: Participation in meeting.

Task 2.0: Initial Approach to Cost Meeting

The Construction Manager shall participate in a meeting with the DEPARTMENT and ICE to establish baseline production rate assumptions and various other input standards for formulation of future cost and schedule estimates. The purpose of this meeting will be to establish like assumptions for construction means and methods as well as to establish the plan to communicate changes in scope, quantity, and phasing between the Construction Manager and the ICE in order to affirm a consistent foundation for estimation.

The Construction Manager shall attend and actively participate in this meeting by:

- Directing an open discussion with the DEPARTMENT and the ICE regarding specific assumptions, and
- Discussing cost/pricing development and process for design input, analysis, evaluation, and resolution of the Construction Manager's input into the design and specification development process.

Assumptions: The Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate in the meeting. The Project Manager will also document in this section the location and duration of meeting for this task.

Deliverable: Document the description and assumptions for the work elements that communicate the open-book estimating practices for the Project, including production rate assumptions.

Task 3.0: Partnering

The Construction Manager shall participate in a partnering process among all members of the Project Team. The partnering process shall take place during the entire length of this Pre-Construction Services Agreement. A facilitator shall be chosen by the DEPARTMENT. ****Note: The Project Manager will consider acquiring services of a partnering facilitator through this Pre-Construction Services Agreement. The Project Manager should identify the location, duration, and who will contract the facilitator and pay for the facilities for this meeting(s).*

The Construction Manager shall facilitate and participate in a Public Meeting held in Ely, Nevada to introduce the Ely Downtown Project status, construction packages, and collect feedback from the public.

The Construction Manager shall support the DEPARTMENT Public Information Officer in Project press releases.

Assumptions: It is anticipated that a one, full-day partnering workshop will be held in Ely, Nevada. The Construction Manager shall be responsible for the costs of the partnering workshop facilitator who is chosen by the DEPARTMENT and shall be responsible for the workshop location and coordination of holding the workshop with the facilitator. The

Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate.

Deliverable: Participation in meetings. Provide partnering workshop facilitator.

Task 4.0: Project Meetings and Document Review

The Construction Manager shall advise, assist, and provide written documentation relative to the following:

- Plan and specification clarifications
- Schedule analysis, including acceleration opportunities
- Phasing or sequencing
- Constructability and bid-ability
- Availability of materials
- Cost/benefit analysis
- Maintenance of traffic
- Staging needs
- Third party impact avoidance and reduction strategies
- Value analysis and innovation
- Risk identification and mitigation
- NEPA process and approval

The Construction Manager shall attend, participate in, and provide input in, the form of written comments at the following milestone meetings, which may include:

- Intermediate Design Review Meetings
- Final Design Review Meetings
- Discipline workshop(s): This workshop(s) focuses on specific discipline work effort (e.g., pavement, structures, lighting), and the appropriate members of the discipline on Construction Manager's team shall attend.
- Risk identification and resolution meetings: These meetings focus on identifying and documenting Project-specific risk, which includes risk definition, probability of occurrence, potential mitigation strategies (including consideration of NEPA issues and mitigation strategies with the goal of an improved FHWA NEPA document), magnitude of cost and quantity impacts, and schedule impacts. This meeting(s) shall assign risk ownership and document resolution.
- Project cost model and schedule development meetings: These meetings focus on establishing, modifying, and maintaining the production-based cost model so that assumptions, contingency, risk, and approach to the estimate are fully understood by the Project Team. The meeting will also focus on developing the construction phase schedule.
- Specifications development workshop(s): This workshop(s) focuses on clearly defining the Project-specific work items and their methods of measurement and payment so that the work items are fully understood by the Project Team.

The Construction Manager shall be given assignments and tasks for follow-up during the meetings, as well as a schedule for performing and completing such assignments and tasks. The

Construction Manager shall be responsible to timely meet the commitments for response in a format acceptable to the DEPARTMENT (e.g., comment and resolution form, redlined drawings, written report, and electronic track changes) and within the time period directed by the DEPARTMENT, which, in determining such schedule, shall consider a deliverable's size and complexity. The Project Team shall establish these expectations, assignments, and commitments at the Project Team kickoff workshop and shall regularly update and discuss the same items during Project meetings. Table 2 lists the review response period for the specified document types, measured from receipt by the Construction Manager of the applicable documents.

Table 2: Review Response Periods

Document	Review Response Period
Plan Sets	Not to exceed five (5) business days
Documents 10 pages or less	Not to exceed forty-eight (48) hours
Documents 10 pages or more	Not to exceed five (5) business days
Verify meeting minutes	Not to exceed twenty-four (24) hours

Deliverable: Providing input and participating in each meeting and following up on assigned tasks from each meeting.

Task 5.0: Risk Management

The Construction Manager shall identify, quantify, document, and implement Project and construction risks and risk avoidance, reduction, and mitigation strategies, as well as monitor and provide written input into a Project risk register. The risk register will be maintained by the DEPARTMENT. The Construction Manager shall participate in the preparation, modifications, and maintenance of a risk register, and the Construction Manager shall continuously communicate its assumptions regarding impacts to risk as the design progresses.

Assumptions: The Construction Manager will participate in up to three (3) Risk Workshops facilitated by the DEPARTMENT. Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate in the workshop. The Project Manager will also document in this section the location, duration, and number of meetings for this task.

Deliverable: The Construction Manager shall submit written documentation for the risk register specifying the associated value, savings, and cost of risk avoidance, reduction, and mitigation strategies during each design milestone meeting, at a minimum.

The Construction Manager shall also submit, at the time of the fixed price bid or Construction GMP bid, a report that summarizes the decisions for risk elimination or reduction and associated value of each decision in terms of cost and savings in direct relationship with its bid. Refer to Task 12.0 herein for further information regarding the fixed price bid or Construction GMP bid.

Task 6.0: Innovation Management

The Construction Manager shall develop, propose, and track challenges and quantify benefits of innovations throughout the pre-construction phase, including proposing criteria to evaluate suggestions and select improvements that will offer the most value in terms of cost, schedule, and quality. The Construction Manager shall prepare, modify, and maintain an innovation register, which identifies the person and entity that proposed the idea, the value of the idea (in terms of cost, savings, risk reduction/mitigation, and schedule impact), and which ideas were incorporated by the Project Team into the final design and construction documents.

Assumptions: If a specific meeting(s) is anticipated, the Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate in the meeting(s). The Project Manager will also document in this section the location, duration, and number of meetings for this task.

Deliverable: The Construction Manager shall submit written documentation for the innovation register of all suggested innovations during each design milestone meeting, at a minimum.

The Construction Manager shall also submit, at the time of the fixed price bid or Construction GMP bid, a report that summarizes both the innovations considered and the innovations implemented. Refer to Task 12.0 herein for further information regarding the fixed price bid or Construction GMP Bid.

Task 7.0: Project Construction Schedule Development

The Construction Manager shall create and update Project pre-construction and construction schedules. The Project Team will work together to create a baseline construction schedule, which will be updated, at a minimum, at major design milestones designated by the DEPARTMENT. The schedule shall include each Project phase and identify key milestones, deliverables, and dependencies, along with durations for design, pre-construction, procurement, construction management, and construction work. The Construction Manager shall also identify roles and responsibilities for each item of work represented in the schedule.

Assumptions: If a specific meeting(s) is anticipated, the Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate in the meeting(s). The Project Manager will also document in this section the location, duration, and number of meetings for this task.

Deliverable: The Construction Manager shall provide a detailed schedule(s) in P6-Primavera, which may be different platforms for pre-construction than construction schedule, which will be updated, at a minimum, at major design milestones designated by the DEPARTMENT, as necessary. The schedule shall include a narrative report documenting key critical path elements of the schedule and the critical assumptions and/or decisions that may impact schedule adherence. The Construction Manager shall also include in the report any acceleration opportunities and the cost (or savings) and prerequisites thereof and the extent of the potential schedule acceleration.

The Construction Manager shall provide a finalized construction schedule with its fixed price bid or Construction GMP Bid, which will be part of the Construction Contract and adhered to by the Construction Manager for the duration of the construction phase.

Task 8.0: Project Construction Cost Estimate Development

The Construction Manager shall develop and provide open-book, production-based cost estimates for the Project Team's examination so that assumptions, contingency, risk, and approach to the estimate are fully identified, delineated, and understood by the Project Team. Refer to Exhibit #1 for a more detailed description, definition, and delineation of the information to include as a part of the open-book cost estimates prepared for this Project.

The Construction Manager shall be responsible for verifying the quantities and methods of measurement and payment for all Project work items.

Assumptions: The Construction Manager shall plan to develop three (3) Opinion of Probable Construction Cost (OPCC) estimates. The Project Manager shall identify the members and personnel of the Construction Manager's team that will attend and participate in the meeting(s). The Project Manager will also document in this section the location, duration, and number of meetings for this task.

Deliverable: The Construction Manager shall provide a construction cost estimate for the Project during each design milestone meeting, at a minimum. The construction estimate shall be provided in two separate formats, one that is consistent with the production-based cost model and one that is consistent with the engineer's estimate (formatted in an Excel spreadsheet with bid item descriptions, quantities, and units). The estimate shall reflect and be consistent with the agreed upon methods and measurements of payment anticipated for each bid item and in accordance with the requirements established during the Initial Approach to Cost Meeting. The Construction Manager shall also provide a narrative report documenting the summary of markups, escalation, overhead, profit, and contingency. The report shall document critical assumptions, clarifications, and/or decisions of costing that may impact the fluctuations in pricing adherence and a description of allowances and exclusions.

The DEPARTMENT will review the submitted estimates and identify items not in agreement among the CMAR, ICE, and DEPARTMENT. The Construction Manager will be required to attend construction estimate review meetings as necessary to discuss assumptions and allocations associated with unit prices not in agreement. The construction schedule submitted under Task 7.0 shall coincide with the production and phasing assumptions used in the development of these cost estimates.

Task 9.0: Development of Subcontracting Plan

The Construction Manager shall develop its subcontracting plan in accordance with all requirements listed below as well as all applicable NRS requirements, including, without limitation, NRS Chapter 338.

Prior to both (a) soliciting any qualifications, proposals or bids for subcontracts, and (b) submitting a bid for a Construction Contract for the Project or a portion thereof, the Construction Manager shall submit to the DEPARTMENT for its review and approval a reasonable procedure for the conduct of the procurement and approval processes applicable to subcontracts. Such procedures shall include times for each step of the qualification and proposal processes, with qualification determinations and selections to be made in accordance with NRS 338.16991 and 338.16995 and related regulations. The subcontracting plan shall be subject to the approval of the DEPARTMENT, in its sole discretion, and adhere to the following:

- The Construction Manager shall recommend a division of the work to facilitate the bidding and award of trade contracts.
- The Construction Manager shall provide for involvement by the DEPARTMENT in subcontractor solicitation, bidding, and selection as set forth in NRS 338.16995.
- The Construction Manager will recommend which work, if any, should be procured through value-based competitive selection, in lieu of low bid. All subcontracts for which the estimated value is at least 1 percent (1%) of the total cost of the public work, whether the selection is value-based or low bid, shall comply with NRS 338.16991 through NRS 338.16995.
- The Construction Manager shall identify work that the Construction Manager proposes to self-perform (which must be no less than 51 percent (51%) of the work, measured on a dollar value basis) and identify how the Construction Manager will ensure that the pricing of self-performed work will be most advantageous to the DEPARTMENT.

The subcontracting plan shall include provisions implementing the following requirements:

- The Construction Manager must determine that at least three (3) subcontractors in each trade or scope of work necessary to provide labor, materials and equipment for the Project are qualified to submit a proposal for the Project, unless the construction manager received written approval of the DEPARTMENT to qualify fewer than three subcontractors in a particular trade or scope of work.
- If the Construction Manager has qualified three (3) or more subcontractors to submit proposals for a trade or scope of work and has received fewer than three (3) proposals for that trade or scope of work by the time set for the opening of such proposals, the Construction Manager may not open any proposal for that trade or scope of work until it receives written instructions from the DEPARTMENT on how to proceed. If the DEPARTMENT directs the Construction Manager to solicit additional proposals for that trade or scope of work, a subcontractor that has submitted a proposal for such trade or scope of work may withdraw its proposal and resubmit at the time set for soliciting additional proposals.
- The Construction Manager shall time stamp all envelopes containing proposals to provide labor, materials or equipment for the Project upon receipt of each proposal. Before opening the proposals at the predetermined time, the Construction Manager shall confirm that the subcontractor submitting a given proposal was qualified by the Construction Manager, attended the preproposal meeting, and was timely received by the Construction Manager. The Construction Manager shall not open and shall return all proposals not meeting these three (3) requirements.
- At the time subcontractor proposals are opened, the Construction Manager shall compile and provide to the DEPARTMENT or its authorized representative a list that includes, without limitation, the name and contact information of each subcontractor who submits a timely proposal and the price of the proposal submitted by the subcontractor. The list must be made available to the public upon request.
- Prior to entering into a subcontract, the Construction Manager shall inform the DEPARTMENT or its authorized representative which subcontractor has been selected and provide the DEPARTMENT with access to the proposals, bids, and the evaluation materials.

- The Construction Manager shall make available to the public, including, without limitation, each subcontractor who submits a proposal, the final rankings of the subcontractors and shall provide, upon request, an explanation to any subcontractor who is not selected of the reasons why the subcontractor was not selected.
- If the Construction Manager receives a written protest from a subcontractor proposer no later than three (3) full business days following the Construction Manager's selection of a subcontractor, the Construction Manager shall not execute a contract for that subcontract package without first providing at least two (2) full business days written notice to all proposers of the Construction Manager's intent to execute a contract for the subcontract package. Construction Manager's protest procedures shall be subject to the prior written approval of the DEPARTMENT.
- The Construction Manager shall enter into a subcontract with a subcontractor selected pursuant to the approved subcontracting plan and this Attachment A and shall not have the right to make any substitution of any such subcontractor except in accordance with the provisions of NRS 338.16995.
- If, prior to award and execution of a Construction Contract, the DEPARTMENT objects to the use of a subcontractor for subcontracted work on such Construction Contract and such subcontractor has been properly selected by the Construction Manager in accordance with the requirements of the approved subcontracting plan and this Attachment A, the DEPARTMENT shall issue a written request to the Construction Manager to change the subcontractor and shall pay any actual and direct increase in the Construction Manager's costs, including an adjustment to the fixed price bid or Construction GMP Bid resulting from the change. The increase shall be based solely on, and be limited to, the direct cost differential between the initial subcontract cost of the original subcontractor and the initial subcontract cost of the changed subcontractor and shall exclude any additional mark-up, profit, and overhead by the Construction Manager. Other than providing such compensation, if any, the DEPARTMENT shall have no further responsibilities, liabilities, or obligations arising out of such objection and change of subcontractors. Replacement of subcontractors after award and execution of the Construction Contract, including, without limitation, in connection with unsatisfactory performance, shall be governed by the terms of the Construction Contract.

Deliverable: The Construction Manager shall provide a subcontracting plan no later than the Design Milestone Meeting #1. The Construction Manager shall update this plan as of the final design milestone and submit an approved final subcontracting plan prior to its submittal of its fixed price bid or Construction GMP Bid. All documentation necessary to support adherence to the requirements of NRS 338.16991 and NRS 338.16995 and the regulations related thereto shall be included in the subcontracting plan update. If the DEPARTMENT elects to consider a Construction Contract for only a portion of the Project, the subcontracting plan must be submitted and approved prior to submittal of any fixed price bid or Construction GMP Bid related thereto.

Task 10.0 Development of a DBE Performance Plan

The Construction Manager shall work with the DEPARTMENT's Contract Compliance Division to draft and finalize a Disadvantaged Business Enterprise (DBE) performance plan to apply during the Construction Contract and for accomplishment of all construction. The DBE performance plan shall address the manner in which the Construction Manager shall document its efforts to meet

the DBE goals and requirements, as well as address monitoring and reporting requirements. The DBE performance plan shall be subject to the approval of the DEPARTMENT's Contract Compliance Division in its sole discretion.

Deliverable: The Construction Manager shall provide an approved DBE performance plan that documents the DBE percentage goal and DBE documentation requirements no later than the Design Milestone Meeting #1. The Construction Manager is responsible to obtain approval of the DBE performance plan from the DEPARTMENT's Contract Compliance Division prior to submittal to the DEPARTMENT Project Manager. The Construction Manager shall submit the required DBE documentation as per the approved DBE performance plan prior to submittal of its fixed price bid or Construction GMP Bid. If the DEPARTMENT elects to consider a Construction Contract for a portion of the Project, the DBE performance plan must be submitted and approved prior to submittal of any fixed price bid or Construction GMP Bid related thereto.

Task 11.0: Pre-Construction Work (as applicable)

The pre-construction work, if any, shall be at the direction of the DEPARTMENT, in its sole discretion, and may include, without limitation, design and/or Project-related activities, such as:

- Agency and 3rd party permitting, meetings, and coordination;
- Subsurface utility exploration (SUE), if needed;
- Public outreach, as needed;
- Development of management plans that will be implemented during construction;
- Survey, as needed; or
- Other design-related activities, as needed.

All such activities shall be consistent with the NEPA process.

Task 12.0: Construction GMP Bid(s) or Fixed Price Bid(s)

At the time that the DEPARTMENT determines that the design for the Project or any portion thereof has been sufficiently finalized to a level sufficient to determine the provable cost of that portion and provided that (i) the other conditions set forth in the Pre-Construction Services Agreement, including, without limitation, those set forth in Paragraph 1 of Article VI of the Pre-Construction Services Agreement, and (ii) Task 1.0 through Task 11.0 above have been satisfied, as determined by the DEPARTMENT in its sole discretion, the Construction Manager shall prepare and submit a bid as a cost of the work, plus a fee, with a guaranteed maximum price (Construction GMP Bid) or as a fixed price. A GMP is the guarantee that the price of the work will not exceed the prices submitted by the Construction Manager in its Construction GMP Bid. Whether these prices include some or all of lump sum items, unit-based items, quantity-based items, contingency, or allowances, the individual prices are guaranteed in accordance with the requirements of the construction documents and the Construction Contract. A fixed price includes all costs related to labor, equipment, overhead, and profit

Task 12.1 Construction GMP Bids or Fixed Price Bids for a Construction Contract for the Project, or Any Portion Thereof

The fixed price bid or Construction GMP Bid for a Construction Contract for the Project may be for the Project as a whole or the Construction Manager may be asked to prepare a fixed price bid or Construction GMP Bid for construction of a portion of the Project, if the DEPARTMENT, in its

sole discretion, determines significant construction time, money, risk, or potential delay can be reduced by allowing the Construction Manager to start initial work prior to the completion of the overall Project final design package. A Construction Contract for a portion of the Project may also include early procurement of long-lead items that may be in short supply or require longer than desired lead times from purchase to delivery.

In both instances, the fixed price bid or Construction GMP Bid for a Construction Contract shall be developed and evaluated in accordance with the following process:

- The Designer shall produce a set of plans and specifications for performance of the construction work.
- The DEPARTMENT will evaluate the Construction Contract bid documents for compliance with DBE requirements and goal. This goal shall have already been incorporated into the Construction Contract bid documents, the fixed price bid or Construction GMP Bid, the Construction Manager's DBE performance plan, and the Construction Manager's subcontracting plan. No Construction Contract may be entered into and no Construction fixed price bid or Construction GMP Bid may be submitted by Construction Manager until (i) the determination of any applicable DBE goal has occurred; (ii) the DEPARTMENT has approved the Construction Manager's subcontracting plan; and (iii) the DEPARTMENT has approved the Construction Manager's DBE performance plan.
- If the DBE goal is greater than zero (0) percent, the Construction Manager will be required to submit commitments from DBE participants sufficient to meet the goal and/or execute an affidavit regarding good faith efforts to meet the DBE goal, each as required by this Pre-Construction Services Agreement, appearing in Form GF and Goals and Good Faith Efforts Affidavit attached to the Pre-Construction Services Agreement and otherwise in substance satisfactory to the DEPARTMENT, in its sole discretion.
- The Construction Manager shall submit, with its fixed price bid or Construction GMP Bid, a subcontracting plan and a finalized construction schedule that has been approved by the DEPARTMENT.
- Solicitations for subcontractors and award of subcontracts shall be made pursuant to NRS 338.16991 and 338.16995, regulations adopted by the Nevada State Public Works Division, and the Construction Manager's approved subcontracting plan. Concurrently with its fixed price bid or Construction GMP Bid, the Construction Manager shall provide a list of all subcontractors that it has procured and intends to use.
- The Construction Manager will prepare and submit a fixed price bid or Construction GMP Bid through the DEPARTMENT's Electronic Bidding System (EBS) and in accordance with the DEPARTMENT's bidding requirements under the Pre-Construction Services Agreement and for the EBS system. In addition to the scope of work, risk, and quantities, the fixed price bid or Construction GMP Bid shall reflect the pricing as defined in the subcontracts and include all information required by the DEPARTMENT, including applicable DBE commitments as provided herein. The Construction Manager shall include with its fixed price bid or Construction GMP Bid with such other documents and certifications as directed by the DEPARTMENT. The form of fixed price bid or Construction GMP Bid shall be in such format as the DEPARTMENT, in its sole discretion, determines and may include quantity-based items, unit-priced based items, lump sum items, contingency, and allowances.

- The DEPARTMENT will have an independent cost estimate prepared and submitted into the DEPARTMENT's EBS for the items. Upon opening the fixed price bid or Construction GMP Bid, the DEPARTMENT will determine the acceptability of the fixed price bid or Construction GMP Bid, in its sole discretion. In assessing the fixed price bid or Construction GMP Bid, the DEPARTMENT may compare the fixed price bid or Construction GMP Bid to some or all of the following: State averages, similar projects, the independent cost estimate, and the engineer's estimate and use such other information that the DEPARTMENT determines relevant and useful. The DEPARTMENT is under no obligation to accept the fixed price bid or Construction GMP Bid, even if it compares favorably to the foregoing data, averages, and estimates.
- DEPARTMENT personnel reviewing the fixed price bid or Construction GMP Bid and other data, averages, and estimates may include the DEPARTMENT's Project Manager, resident engineer, members of the Design Service Provider, the ICE, FHWA representatives, and other internal DEPARTMENT staff and outside advisors deemed necessary or desirable by the DEPARTMENT's Project Manager.
- If the fixed price bid or Construction GMP Bid is acceptable, the DEPARTMENT will prepare a Construction Contract or the work may be added to an existing Construction Contract with Construction Manager by amendment at the sole discretion of the DEPARTMENT, if applicable.
- If the fixed price bid or Construction GMP Bid is not acceptable, the DEPARTMENT may enter into a process of risk identification that identifies price, quantity, assumption and other differences. Following the successful resolution of the risk issues associated with such differences, the DEPARTMENT, in its sole discretion, may ask the Construction Manager to re-bid the fixed price bid or Construction GMP Bid for the Project. If this re-bid of the fixed price bid or Construction GMP Bid does not result in a fixed price bid or Construction GMP Bid that is acceptable to the DEPARTMENT, the DEPARTMENT reserves the right, in its sole discretion, to terminate the fixed price bid or Construction GMP Bid bidding process and undertake such other actions relating to the Project as the DEPARTMENT determines, including, without limitation, the right to procure the Construction Contract scope of work by some other delivery method. The Construction Manager is not excused from completion of the Services required under this Pre-Construction Services Agreement, if such Services have not been fully performed.

Deliverable: The Construction Manager shall submit the fixed price bid or Construction GMP Bid in accordance with the requirements delineated herein, and utilizing the same production-based cost model as was used in development of the previous OPCCs along with a narrative report documenting critical assumptions and/or decisions of costing that may impact the fluctuations in pricing adherence (on an open-book basis), and through the DEPARTMENT's EBS for a Construction Contract.

Exhibit 1: Open-Book Estimating Requirements

Requirements

The following are minimum requirements for the Construction Manager when communicating cost via the open-book estimating process.

- The Construction Manager shall clearly delineate any services to be self-performed and any services to be subcontracted.
 - For self-performed work, overhead and profit percentages are to be identified, agreed upon, and applied to the total self-performed cost “below the line.” This is opposed to allocating overhead and profit into individual direct cost items.
 - For work to be subcontracted, the subcontractor’s overhead, profit, and indirect costs are to be included within the pricing of that individual direct cost item.
- Indirect costs are to be scoped, quantified, and priced as a separate division of cost and are not to be allocated under direct costs, except as stated above for work performed by subcontractors.
- Mobilization/demobilization of temporary jobsite offices is to be a detailed item, and the Construction Manager shall include this under indirect costs.
- Mobilization/demobilization of construction equipment is to be an individually detailed item for each piece of equipment, all of which is to be included under direct costs.
- Overhead and profit is to be applied as follows.
 - Overhead is to be priced as a percentage of the total of indirect costs and direct costs.
 - Profit is to be divided and identified into two categories:
 - A percentage applied to self-performed work, and
 - A percentage applied to subcontracts.

The percentage applied to subcontracted costs is to be relatively low compared to the self-performed work.
- After all indirect, contingencies, escalation, overhead, and profit costs have been estimated and individually identified, each cost is to be allocated into pay items to establish the “all in” unit costs. Indirect costs, overhead, and profit are then to be distributed evenly into each pay item. Contingencies shall be specifically identified and allocated depending on risks associated with each pay item.

Definitions

The following definitions are provided to establish expectations regarding categorization and accounting to be represented in the open-book estimating process for the Project.

- Direct costs (construction) include:
 - Self-performed work based on construction labor (e.g., craft wage rates burdened with fringe benefits only), equipment rental, equipment fuel/maintenance, and purchased materials;
 - Mobilization/demobilization of self-performed construction equipment; and
 - Subcontracted work, including each subcontractor's direct and indirect costs, overhead, profit, and bonds.
- Indirect costs (construction) include:
 - Field supervision based on bare wages plus salary-related expenses for the project manager, superintendents, project engineer/project controls, and document control/administrator;
 - Jobsite office facilities, temporary utilities, and jobsite vehicles, including mobilization/demobilization of temporary facilities as separately-estimated items;
 - General field labor, clean-up requirements, dumpsters, dump fees, temporary toilets, etc.;
 - Temporary construction facilities or work;
 - Yard support for construction equipment; and
 - Surveys, layout, permits, testing, inspection, and insurance.
- Contingency that is applied to an estimate during the pre-construction phase is based on an assessment of risk at each design phase, and it may be divided into several categories.
 - Design development to cover relatively minor changes in details, specifications, quantities, etc. from early design to 100 percent construction documents
 - Estimate contingency to cover potential variances from what was estimated for materials and subcontracts compared to what was the actual cost of said materials and subcontracts
 - Allowances for known items that cannot specifically be quantified and/or priced until further progress in design
 - Construction phase contingency for variations related to crew productivity, schedule impacts, etc. from what was originally estimated
- Mobilization/demobilization costs are allocated as follows:
 - Mobilization/demobilization of self-performed construction equipment is considered a direct cost.

- Mobilization/demobilization of jobsite office trailers, furniture, equipment, and personnel is considered an indirect cost. This also includes temporary utilities and elements required to begin construction, such as permits.
- Home-office overhead is defined as home-office company overhead, including office facilities, management, subsidized insurance programs, paid vacation, etc.
- Field-office overhead is defined as items including jobsite office facilities, temporary utilities, and jobsite vehicles, including mobilization/demobilization of temporary facilities as separately-estimated items
- Profit is defined as the operating margin or the dollars remaining after all direct and overhead costs are paid.
- The Construction Management Fee percentage is defined as profit and home office overhead (all auditable costs that are allocated to all projects) but not field office overhead or field office direct expenses.
- Escalation shall be dealt with as follows:
 - Estimates will be based on wage rates and material costs that are current year at the time of pricing. Cost is added to cover normal expected increases for expenditures beyond the pricing baseline.
 - There are various methods for calculating escalation. The most accurate for labor increases is to manpower-load the construction schedule for all labor types and add agreed upon dollar increases for each calendar period in which each apply.
- Exclusions are defined as items that are associated with the Project but provided by others. This may include items provided by:
 - The DEPARTMENT
 - Utility companies

Work done by adjacent contractors

Summary of Contract Terms & Conditions Ely Downtown – Preconstruction Services

Scope of Work:

The scope of work is for preconstruction services in development of the Ely Downtown Project. These improvements include roadway reconstruction of the Ely Downtown Corridor on US/Aultman Street/Great Basin Boulevard and US 93/East Aultman Street to include upgrading the drainage facilities and ADA enhancements for sidewalk, curb, and gutter, in addition to replacing the City of Ely's water and sewer. Major project elements during preconstruction include full and active collaboration with the Department's design team on the following items:

- Cost estimation coordination to establish agreed upon methods for quantification and communication of scope and quantities
- Risk management, including identification, quantification and mitigation strategies
- Provide recommendation to phase the Project in two independent ("standalone") construction packages.
- Detailed and continuous design and constructability review to achieve a higher quality final design and more certain construction cost.
- Open Book Cost Estimates at the 60% and final design level to discuss assumptions and cost allocations with the Department.
- Detailed construction schedule estimates prepared at the 60% and final design levels to analyze the impacts of design elements and opportunities for improvement
- Provide a Guaranteed Maximum Price (GMP) for construction services for construction package #1 and package #2.

Schedule:

The schedule for these preconstruction services as estimated by the Department includes a fixed price or GMP for each construction package with construction package #1 beginning construction in Spring 2020 and Construction Package #2 beginning construction in Spring 2021. The Construction Manager will participate in all milestones, such as Opinion of Probable Construction (OPCC) meetings, with the Department to develop final plans and GMPs.

- April 2019 – December 2019: Design Reviews/ OPCC/ Risk Assessment/ GMP#1
- November 2019 – February 2020: Design Reviews/OPCC/Risk Assessment/ GMP#2
- Construction beginning Spring 2020

Price:

The negotiated agreement price for preconstruction services is \$257,400.00.

Major Terms & Conditions:

Strong contractual controls have been placed on the work to be conducted during cost development and negotiation of GMP. Detailed information is required to be provided as to assumed production rates, overhead and profit rates and allocation and risk assumptions and contingencies. Primary to this point is the procurement of Independent Cost Estimator (ICE) to verify the costs presented by the Construction Manager. Should these cost estimates not be in agreement, the Department has the opportunity to elect to advertise the construction contract competitively.

Prepared by: Jae Pullen, Project Manager

Line Item 2

736-18-015

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): 2-33086

Type of Services: ICE for CMAR delivery for Ely Downtown Project

Originated by: Sajid Sulahria Division: Project Mgmt Date Originated: 12/10/2018

 Division Head/District Engineer: Nick Johnson

Budget Category #: 06-BLDGS/IMPV Object #: 8142-Consultant-ICE Organization #: B015

Estimated Cost: \$350,000.00 Type of Funding: State % of Fund: 100

Funding Notes: State Fiscal Year(s): 19-22

FY-19 (160K), FY-20 (150K), FY21(20K) and FY-22 (20K)

Financial Management:

DocuSigned by:
Donna Spelts 12/17/2018
8A78D93AD71E514 Signature Date

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:
Hua Riley 12/18/2018
22564E6A6F883F6 Signature Date

Director:

Requires Transportation Board Presentation

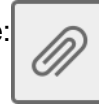
Does not require Transportation Board presentation

DocuSigned by:
Randy Mayhew 12/18/2018
C4C7CE5CD588114 Signature Date

736-18-015

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 has developed a process to identify delivery methods through the Project Delivery Selection Approach (PDSA) as defined by the Pioneer Program Guidelines. In accordance with this process, the Ely Downtown project in White Pine County has been selected to be delivered via CMAR. The Project Delivery Selection Memo is attached. This request is to hire ICE to perform the pre-construction and construction services for this project which is anticipated to be in two construction packages.

Please note that a separate request for CMAR services is being submitted.

Scope of Services:

The scope of services will include, but not limited to, independent cost estimating and scheduling services, supporting the Department through intermediate and final design and into construction. Please see attached scope of services.



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

MEMORANDUM

3/18/2019

TO: Cole Mortensen, Assistant Director

FROM: Sajid Sulahria, Project Manager 03/18/2019

SUBJECT: Negotiation Summary for RFP 736-18-015, Independent Cost Estimator (ICE) Services for Ely Downtown Project

A negotiation meeting was held at NDOT Headquarters in Carson City on March 14, 2019, with Innovative Contracting Engineering Project Manager, Daniel Bender (SERVICE PROVIDER) and NDOT Project Management (Nick Johnson, Dale Keller, Jae Pullen & Sajid Sulahria) of the Nevada Department of Transportation (DEPARTMENT) in attendance.

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

This duration of this agreement will be three (3) years, ending on March 31, 2022.

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

The following schedule was agreed to by both parties:

Date	Task to be Completed
April 15, 2019	Project Kickoff Meeting (Ely)
April 16-17, 2019	Partnering Meeting / Initial Approach to Cost Meeting
June/July 2019	Schedule/OPCC/Risk Assessment Meetings- Package #1
August/September 2019	Final Design Review /GMP #1- Package 1
December 2019 – January 2020	Schedule/OPCC/Risk Assessment Meetings- Package #2
February 2020	Final Design Review /GMP #1- Package 2
January 2020-December 2021	Construction Support

Key personnel dedicated to this project are as follows:

Name	Title
Dan Bender	Project Manager
Chris Wilson	Estimator (Structures / Utilities)
Zach Hales	Cost Estimator
Abdi Fatemi	Lead Cost Estimator & Construability
Matt Bender	Cost Estimator
Tom Gott	Lead Scheduler

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

The DEPARTMENT's original estimate was \$348,015 including direct labor (1,792 man-hours of work by the SERVICE PROVIDER), overhead rate of 175%, a 10% fee, and direct expenses at \$22,767.

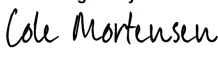
The SERVICE PROVIDER's original estimate was \$618,266, including direct labor (3276 man-hours of work by the SERVICE PROVIDER), overhead rate of 215%, a 11.5% fee, and direct expenses at \$43,668.

The overhead rate of 215.49% was provided by the Internal Audit Division.

The negotiations yielded the following:

1. There will be 1544 total man-hours allotted to ICE services throughout the course of this agreement at a direct labor cost of \$83,978, 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 215.49%, the overhead amount will be \$180,963.
3. A fee of 9% was agreed to by both parties, and will be \$23,845 for this agreement based upon direct labor costs and an overhead rate of 215.49%.
4. The direct expenses agreed to total \$29,750 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 agreement is \$318,536.

Reviewed and Approved:

DocuSigned by:

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03/19/2019

Assistant Director

Attachment A Scope of Services

The ICE shall work with and become a part of the Project Team, which also consists of the DEPARTMENT's Program and Project Managers, the DEPARTMENT's Design Service Providers (if applicable), the Construction Manager, and the DEPARTMENT's Construction Engineering Service Providers (if applicable).

PROJECT DESCRIPTION

The DEPARTMENT proposes to reconstruct the Ely Downtown Corridor on US 50/Aultman Street/Great Basin Boulevard and US 93/ East Aultman Street in White Pine County, Nevada. The Project includes upgrading the drainage facilities to meet the twenty-five (25)-year flood design standard and ADA enhancements for sidewalk, curb and gutter improvements, to include the City of Ely (CITY) water and sewer infrastructure relocation and NDOT fiber optic installation. In addition, the Project improves safety by reconfiguring lanes through "complete streets" features, downtown lighting, rectangular rapid flashing beacons (RRFB) pedestrian crossings, and curb extensions (bulb-outs).

The DEPARTMENT anticipates the Project construction to be administered in two (2) construction packages, completed within two (2) construction seasons based on available funding and priorities. The DEPARTMENT will be the lead agency for the Project, with participation from local stakeholders including CITY, White Pine County, White Pine Museum, Northern Nevada Railroad, and local business such as the Robinson Nevada Mining Company. Coordination efforts with the CITY are critical for the successful design and construction of the CITY's wet utilities.

PRE-CONSTRUCTION AND CONSTRUCTION SCHEDULE

The Services shall commence upon Notice to Proceed received from the DEPARTMENT. Table 1 has been established to ensure timely Project delivery.

Table 1: Preliminary Meeting Schedule

MEETING DESCRIPTION	DATE	LOCATION
<i>Project Kickoff Meeting</i>	<i>April 2019</i>	<i>Ely</i>
<i>Partnering Meeting #1/Initial Approach to Cost Meeting</i>	<i>April 2019</i>	<i>Ely</i>
<i>Regular progress meetings/discipline workshops</i>	<i>Bi-monthly</i>	<i>Carson City</i>
<i>60% Design Review/ Design Milestone Meeting (including DBE Performance Plan)</i>	<i>May 2019</i>	<i>Carson City</i>
<i>Schedule/OPCC/Risk Assessment Meetings</i>	<i>May 2019</i>	<i>Carson City</i>
<i>90% Design Review (Design Milestone Meeting)/Schedule/OPCC/Risk Assessment Meetings</i>	<i>July 2019</i>	<i>Carson City</i>

MEETING DESCRIPTION	DATE	LOCATION
<i>Final Design Review/ Schedule/OPCC Meetings</i>	<i>July 2019</i>	<i>Carson City</i>
<i>Construction Contract Package #1</i>	<i>October 2019</i>	<i>Carson City</i>
<i>Schedule/OPCC/Risk Assessment Meetings</i>	<i>TBD</i>	<i>Carson City</i>
<i>Design Reviews/ Schedule/OPCC Meetings</i>	<i>TBD</i>	<i>Carson City</i>
<i>Construction Contract Package #2</i>	<i>October 2020</i>	<i>Carson City</i>
<i>End Construction</i>	<i>November 2021</i>	-

The scope of services to be provided by the ICE for this Project shall include, but not be limited to, the following items:

A. CONSTRUCTION COST ESTIMATING

1. Provide independent cost estimates advancing through intermediate and final design for Construction Package #1 & Construction Package #2 and into the construction phases. Utilize contractor-style (production-based) methodologies and production-based heavy civil estimating software platforms and assist in line item quantity verification.
2. Provide negotiation and conflict management support, including the ability to confer with others to reach an agreement on terms, conditions, and costs.
3. Provide risk management support to the DEPARTMENT, including risk identification, assessment, and cost quantification together with assignment of the probability of occurrence of each identified risk.
4. Provide summary and detailed cost breakdowns, translate production-based estimates into the DEPARTMENT’s unit price estimate format, and submit independent bids. Utilize DEPARTMENT’s standards with a demonstrated familiarity of Nevada labor laws and the local labor union environment.
5. Provide assistance to the Project Team with respect to determining cost impacts of package breakdown (project phasing), risk, labor availability, mobilization, site access, sequence of design and construction, availability and procurement of equipment and materials, and maintainability.

B. SCHEDULING

1. Prepare an independent construction schedule identifying the sequence of construction, major tasks and durations, high-risk activities, interdependencies between tasks, risks, and the critical path. This construction schedule shall form the approach to the preparation of the ICE’s first independent cost estimate.
2. Following review of the Construction Manager’s initial construction schedule, review subsequent construction schedules provided by the Construction Manager and provide written analysis and recommendations to improve their usefulness to the Project Team. Demonstrate practicality in approach and concentrate remarks and discussions on critical path and high-risk activities.

C. PROJECT MANAGEMENT

1. Participate in development and improvement of a Project Management Plan for the assigned Project following the DEPARTMENT's Project Management Guidelines.
2. Provide financial management and accounting experience to prepare Project costs and bids as well as the ability to develop and track scope, schedule, and budget.
3. Interact with members of the Project Team as well as other utilities, regulatory agencies, and local governments associated with the Project. Utilize an understanding and familiarity with partnering on the Project and facilitate constructive dialogue within the Project Team.
4. Assist in administering value engineering and probabilistic cost estimating processes to create alternate methods of delivering on Project goals and applying construction methods/approaches to improve design, manage and mitigate risk, lower Project construction cost, and/or reduce Project delivery schedule.

D. CONSTRUCTABILITY REVIEW

1. Review Construction Contract documents for adequate quality for bidding and construction purposes and to eliminate conflicts and ambiguities in the documents that could lead to change orders or disputes.
2. Integrate construction scheduling knowledge and experience into the pre-construction (design) process.

E. PARTNERING

Actively participate in the partnering process alongside all members of the Project Team. The ICE is required to participate in the scheduled partnering meeting. The partnering process will commence during the pre-construction phase and continue throughout the construction phase. It is anticipated that there will be one (1) pre-construction full day partnering meeting and two (2) half day partnering meetings during construction to be held in Ely, Nevada.

F. PROJECT TEAM KICKOFF WORKSHOP

Actively participate as a member of the Project Team kickoff meeting to be led by the DEPARTMENT. This meeting will be held in Ely, Nevada. The Project Team kickoff workshop may include discussion of the following topics:

1. Introduction to the Project, the CMAR project delivery method, the partnering process, and the Project stakeholders
2. Presentation of Project elements and Project scope
 - a. Project status, goals, objectives, etc.
 - b. Project information, including relevant plans, specifications, studies, and reports
3. Project schedule and major milestones
 - a. Project Team meetings
 - b. Major Project activities
4. Identification of roles and responsibilities for the Project Team
 - a. Owner
 - b. Designer
 - c. Construction Manager
 - d. ICE
5. Process for design input
 - a. Innovation
 - b. Alternative design analysis
 - c. Designer needs
6. Communication protocol and plan

7. Change management process
8. Initial discussions on
 - a. Cost/pricing development
 - b. Project risk identification
9. Questions & Answers
10. Project Tour/ Field Visits

G. OTHER PROJECT MEETINGS AND TASKS

Attend, actively participate in, and provide written comments related to the items listed above at the following milestone meetings:

1. Initial Approach to Cost Meeting
2. Intermediate Design Review Meetings for Construction Packages #1 and #2
3. Final Design Review Meetings for Construction Packages #1 and #2
4. Risk identification and resolution meetings: These meetings focus on identifying and documenting project-specific risk, which includes risk definition, probability of occurrence, potential mitigation strategies, magnitude of cost and quantity impacts, and schedule impacts. These meetings shall assign risk ownership and document resolution. The ICE shall attend at least four (4) formal risk analysis meetings.
5. Project cost model and schedule development meetings: These meetings focus on establishing, modifying, and maintaining the production-based cost model so that assumptions, contingency, risk, and approaches to the estimates are fully understood by the Project Team. The ICE shall plan to develop up to six (6) Opinion of Probable Construction Cost (OPCC) estimates and attend up to six (6) corresponding resolution meetings.

The ICE may be given Project assignments and tasks for follow-up during the workshops and/or meetings, as well as a schedule for performing and completing such assignments and tasks. The ICE shall be responsible for meeting the commitments for responding in a format acceptable to the DEPARTMENT and within the time period directed by the DEPARTMENT, which, in determining such schedule, shall consider the deliverable's size and complexity. The Project Team shall establish these expectations, assignments, and commitments at the Project Team kickoff workshop and shall update and discuss the same regularly during Project meetings.

H. CONSTRUCTION SUPPORT SERVICES

The ICE will assist the DEPARTMENT with construction support services which may include, but not limited to, review of monthly construction schedule updates, review of contractor invoicing and progress payments, and analysis of schedule and cost impacts to changes to the Project during construction.



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Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

March 29, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, Director
SUBJECT: April 8, 2019, Transportation Board of Directors Meeting
ITEM #7: 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 February 13, 2019, through March 12, 2019.
- Agreements under \$300,000 executed February 13, 2019, through March 12, 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 February 13, 2019, through March 12, 2019 and agreements executed by the Department from February 13, 2019, through March 12, 2019. There were no settlements 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, February 13, 2019, through March 12, 2019.
- B) State of Nevada Department of Transportation Executed Agreements – Informational, February 13, 2019, through March 12, 2019.

Recommendation for Board Action: Informational item only

Prepared by: Administrative Services Division

Attachment

A

**STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
 CONTRACTS AWARDED - INFORMATIONAL
 February 13, 2019 through March 12, 2019**

1. January 24, 2019 at 1:30 PM the following bids were opened for Contract 3759, Project No. SP-000M(064), on I-215 Las Vegas, from Gibson Road to Stephanie Street and SR 564 from Boulder Highway to Lake Las Vegas Parkway, in Clark County, for ADA remediation, to construct new sidewalks and ADA ramps.

NVNJ Construction Group.....	\$474,711.80
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

Engineer's Estimate\$417,721.62

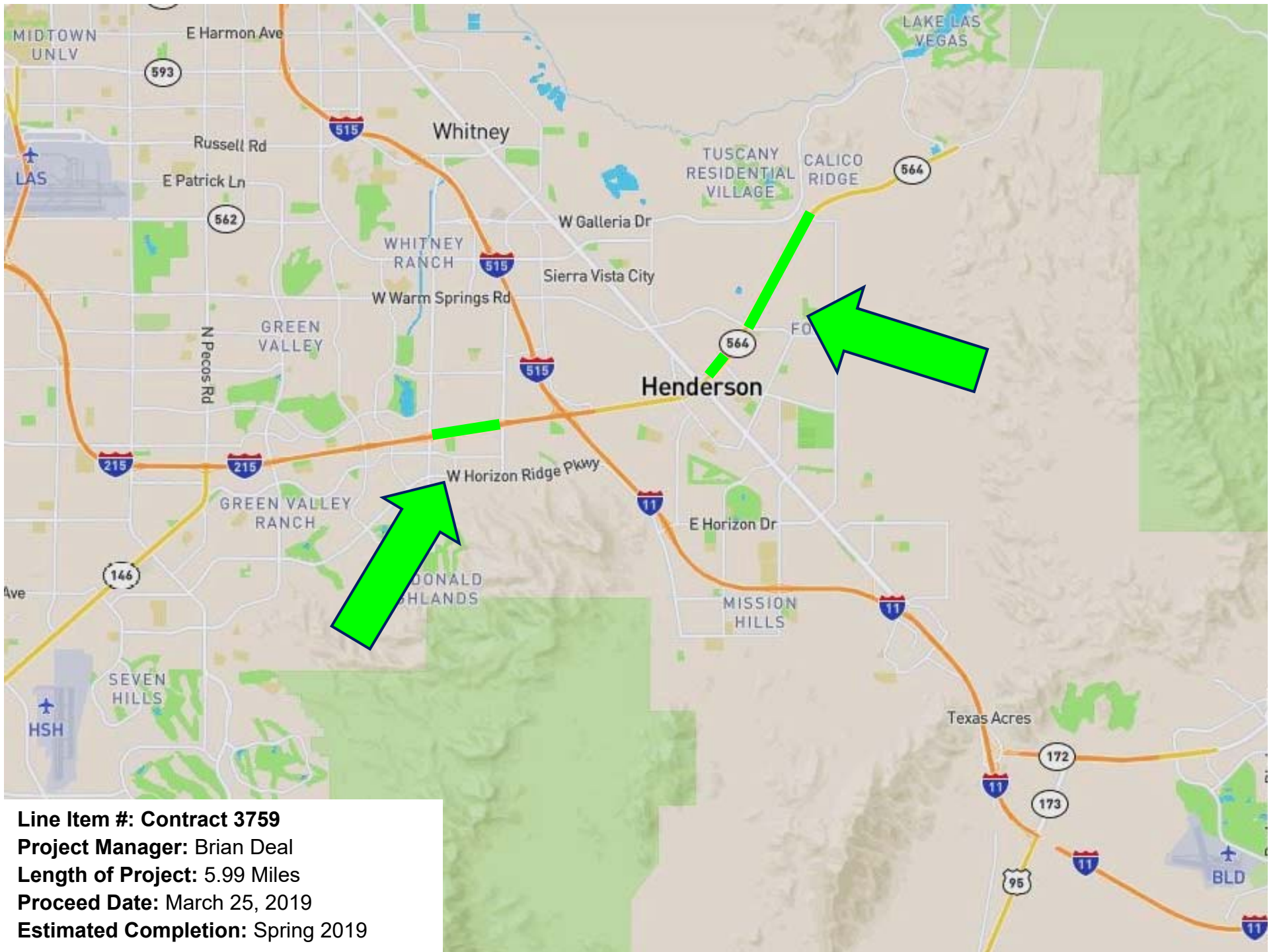
The Director awarded the contract on February 22, 2019, to NVNJ Construction Group in the amount of \$474,711.80.

2. February 14, 2019 at 2:00 PM the following bids were opened for Contract 3761, Project No. SPSR-0119(002), on SR 119, in Churchill County, for slurry seal.

Sierra Nevada Construction, Inc.	\$244,007.00
VSS International, Inc	\$268,120.00
Intermountain Slurry Seal, Inc.....	\$333,289.20

Engineer's Estimate\$353,577.95

The Director awarded the contract on March 4, 2019, to Sierra Nevada Construction, Inc. in the amount of \$244,007.00.



Line Item #: Contract 3759
Project Manager: Brian Deal
Length of Project: 5.99 Miles
Proceed Date: March 25, 2019
Estimated Completion: Spring 2019



Line Item #: Contract 3761
Project Manager: Lisa Schilling
Length of Project: 4.14 Miles
Proceed Date: April 8, 2019
Estimated Completion: Spring 2019

Attachment B

State of Nevada Department of Transportation
Executed Agreements - Informational
February 13, 2019 through March 12, 2019

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Amendment Amount	Total of Prior Amendments	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Notes
1	10719	00	LAS VEGAS WATER DISTRICT, DBA SPRINGS PRESERVE	FACILITY RENTAL	N	2,310.00	-	-	2,310.00	-	02/13/2019	03/31/2019	-	Facility	Contract Compliance	Tracy	02-13-19: FACILITY RENTAL FOR PUBLIC WORKFORCE MEETING, CLARK COUNTY. NV B/L#: NVD19981373015
2	02919	00	NV ENERGY	LINE EXTENSION	N	20,189.00	-	-	20,189.00	-	02/19/2019	02/28/2024	-	Facility	Right-of-Way	Cole	02-19-2019: ALTERATION OF EXISTING FACILITIES TO ACCOMODATE A REMODEL OF THE ADMINISTRATION BUILDING AT THE TONOPAH MAINTENANCE STATION, NYE COUNTY. NV B/L#: NVD19831015840
3	03019	00	NV ENERGY	LINE EXTENSION	N	17,191.00	-	-	17,191.00	-	02/19/2019	02/28/2024	-	Facility	Right-of-Way	Cole	02-19-2019: ALTERNATION OF EXISTING FACILITIES AT MARTIN LUTHER KING BOULEVARD, BETWEEN SILVER AVENUE AND BANNIE AVENUE, CLARK COUNTY. NV B/L#: NVD19831015840
4	61318	01	NV ENERGY	LINE EXTENSION	N	66,857.00	3,397.00	-	70,254.00	-	09/27/2018	09/30/2023	03/06/2019	Facility	Right-of-Way	Cole	AMD 1 03-06-2019: INCREASE AUTHORITY BY \$3,397.00, FROM \$66,857.00 TO \$70,254.00 TO ADJUST AN EXTENSION OF CONDUIT FOR A LINE EXTENSION AGREEMENT ALREADY IN EFFECT AT 7120 US 50 AT THE NHP TURNAROUND, AS PART OF THE US 50 WIDENING PROJECT. 09-27-2018: LINE EXTENSION AGREEMENT FOR THE INSTALLATION OF NEW 100A POWER SERVICE FOR NEW LED LUMINARIES AT 7120 US 50, LYON COUNTY. NV B/L#: NVD19831015840
5	03419	00	NV ENERGY	DESIGN INITIATION AGREEMENT	N	1,000.00	-	-	1,000.00	-	03/06/2019	02/28/2024	-	Facility	Right-of-Way	Cole	03-06-2019: DESIGN INITIATION AGREEMENT IN WINNEMUCCA AT I-80 AND SR 289 INTERCHANGES, FOR LANDSCAPE, LIGHTING AND PEDESTRIAN CROSSING PROJECT SPI-080-3(309), HUMBOLDT COUNTY. NV B/L#: NVD19831015840
6	03119	00	NV ENERGY	PRELIMINARY ENGINEERING COST	N	2,263.95	-	-	2,263.95	-	02/25/2019	12/31/2019	-	Facility	Right-of-Way	Cole	02-25-2019: PRELIMINARY ENGINEERING COST ON US 50, EAST OF DAYTON, FROM CHAVES ROAD TO ROY'S ROAD, TO DETERMINED THE LOCATIONS THAT WILL REQUIRE PROPERTY ACQUISITION IN ORDER TO BRING POWER FROM THE EXISTING POLE LINE, LYON COUNTY. NV B/L#: NVD19831015840
7	07319	00	REGIONAL TRANSPORTATION COMMISSION (RTC) - SOUTHERN NV	WAYCARE - PREDICTIVE ANALYSIS PLATFORM SYSTEM	N	260,000.00	-	-	260,000.00	-	01/28/2019	05/31/2020	-	Interlocal	Traffic Operations	Thor	01-28-19: INTERLOCAL AGREEMENT WITH REGIONAL TRANSPORTATION COMMISSION (RTC) OF SOUTHERN NEVADA TO UTILIZE RTC'S CONTRACT WITH WAYCARE, A PREDICTIVE ANALYSIS PLATFORM SYSTEM. THE RESULTS FROM THE LAS VEGAS WAYCARE PILOT PROGRAM SHOWED AN AVERAGE OF TWELVE MINUTES REDUCTION IN INCIDENT RESPONSE TIMES, AND 17% REDUCTION IN PRIMARY CRASHES WHERE PREVENTATIVE MEASURES WERE DEPLOYED. THE DEPARTMENT WILL WORK IN CONJUNCTION WITH RTC OF SOUTHERN NEVADA TO REDUCE INCIDENT RESPONSE TIMES, IMPROVE TRAFFIC SAFETY, AND WILL PREVENT OVERLAPPING OF RESPONSIBILITIES AND DUTIES ALREADY COVERED IN RTC'S CONTRACT WITH WAYCARE. THE INTERLOCAL AGREEMENTS ALLOWS FOR AN OPTION TO RENEW FOR TWO MORE YEARS, CLARK COUNTY. NV B/L#: EXEMPT
8	74318	00	UNIVERSITY OF NEVADA, LAS VEGAS	HEALTH MONITORING SYSTEM	Y	299,782.00	-	-	299,782.00	-	02/13/2019	01/31/2021	-	Interlocal	Structures	Cole	02-13-19: DEVELOP AND IMPLEMENT A PERMANENT STRUCTURAL HEALTH MONITORING (SHM) SYSTEM ON I-580 AT THE GALENA CREEK BRIDGE. THE SHM SYSTEM WILL MEASURE THE STRUCTURAL RESPONSE TO TRAFFIC, WIND, SEISMIC, AND THERMAL LOADINGS TO PROVIDE PROACTIVE MEASURES SUCH AS ANALYSIS RESULTS AND TIMELY ALARM NOTIFICATIONS, WASHOE COUNTY. NV B/L#: EXEMPT
9	50716	00	ACHA CONSTRUCTION, LLC	CONSTRUCT TWO DECANT BASINS	N	184,884.90	-	-	184,884.90	-	02/28/2019	12/31/2019	-	Service Provider	District I	Tracy/Mary	02-28-19: CONSTRUCT TWO DECANT BASINS AT THE ALAMO AND PANACA MAINTENANCE STATIONS FOR STORMWATER MANAGEMENT, LINCOLN COUNTY. NV B/L#: NVD20091375725-Q PROPOSERS: ACHA CONSTRUCTION, LLC, AND A&K EARTH MOVERS, INC.
10	50616	00	APEC CONSULTANTS, INC.	CONSTRUCT TWO DECANT BASINS	N	232,500.00	-	-	232,500.00	-	02/20/2019	12/31/2019	-	Service Provider	District I	Tracy/Mary	02-20-19: CONSTRUCT TWO DECANT BASINS AT THE GLENDALE AND SEARCHLIGHT MAINTENANCE STATIONS FOR STORMWATER MANAGEMENT, CLARK COUNTY. NV B/L#: NVD20051055015-Q PROPOSALS: APEC CONSULTANTS, INC. (DBA FAB CONSTRUCTION), LAS VEGAS PAVING CORPORATION, AND RED STAR FENCE.

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Amendment Amount	Total of Prior Amendments	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Notes
11	57417	01	BATTLE BORN TREE SERVICE	SNOW REMOVAL	N	25,000.00	10,000.00	-	35,000.00	-	10/12/2017	11/01/2019	02/19/2019	Service Provider	Buildings and Grounds	Robert	AMD 1 02-19-19: INCREASE AUTHORITY BY \$10,000.00 FROM \$25,000.00 TO \$35,000.00 DUE TO EXTREME WEATHER CONDITIONS THIS SEASON. 10-12-17: PROVIDE SNOW REMOVAL SERVICES FOR THE CARSON CITY HEADQUARTERS CAMPUS AND THE NDOT HANGAR LOCATION, CARSON CITY. NV B/L#: NVD20131580674-Q
12	23317	01	D&B PROFESSIONAL CLEANING	JANITORIAL SERVICES	N	161,776.00	3,000.00	-	164,776.00	-	06/07/2017	04/30/2020	02/13/2019	Service Provider	District III	Tracy/Boyd	AMD 1 02-13-19: INCREASE AUTHORITY BY \$3,000.00 FROM \$161,776.00 TO \$164,776.00 DUE TO THE EXTREME WEATHER CONDITIONS THIS SEASON REQUIRING ADDITIONAL SNOW REMOVAL DAYS. 06-07-17: PROVIDE JANITORIAL SERVICES AT THE EAST AND WESTBOUND BEOWAWE REST AREAS AND THE EMIGRANT TRUCK STOPS ON I-80, EUREKA COUNTY. NV B/L#: NVP20101094756 - Q
13	07919	00	ECO GREEN MAINTENANCE, LLC	JANITORIAL SERVICES	N	39,752.00	-	-	39,752.00	-	02/21/2019	08/31/2021	-	Service Provider	District III	Tracy/Boyd	02-21-19: JANITORIAL SERVICES FOR THE WINNEMUCCA MAINTENANCE STATION OFFICES LOCATED AT 725 WEST 4TH STREET AND THE CONSTRUCTION CREW FIELD OFFICE LOCATED AT 705 EAST 4TH STREET IN WINNEMUCCA, HUMBOLDT COUNTY. NV B/L#: NVD20111362322-Q PROPOSERS: ECO GREEN MAINTENANCE, LLC AND JANITORIAL NIA
14	09719	00	GIBSON CONSTRUCTION OF NEVADA	REMODEL AT LAS VEGAS HEADQUARTERS	N	27,830.00	-	-	27,830.00	-	03/11/2019	08/31/2019	-	Service Provider	Architecture	Thor	03-11-19: REMODEL OF A MODULAR OFFICE AT THE DEPARTMENT'S LAS VEGAS HEADQUARTERS TO CREATE OFFICE SPACE FOR DEPARTMENT PERSONNEL, CLARK COUNTY. NV B/L#: NVD19971263505-Q PROPOSERS: GIBSON CONSTRUCTION OF NEVADA, INC.
15	57418	00	H2O ENVIRONMENTAL, INC.	ON-CALL CLEANUP SERVICES	N	249,000.00	-	-	249,000.00	-	02/15/2019	12/31/2021	-	Service Provider	District II	Tracy/Mike	02-15-19: PROVIDE ON-CALL SERVICES FOR AVIARY CLEANUP AND DISPLACED PERSON SERVICES TO INCLUDE, BUT IS NOT LIMITED TO: REMOVAL, DISPOSAL, SANITIZATION, MOBILIZATION, ANY TRAFFIC CONTROL AND ENVIRONMENTAL CONTAINMENT IN VARIOUS LOCATIONS, PERSHING, LYON, CHURCHILL, DOUGLAS, CARSON CITY, WASHOE, STOREY, AND MINERAL COUNTIES. NV B/L#: NVD19961214703-Q PROPOSERS: H2O ENVIRONMENTAL, INC. AND CLEAN HARBORS ENVIRONMENTAL SERVICES
16	70418	00	LOGISTICAL SOLUTIONS, LLC	SAND/OIL SEPARATOR SERVICES	N	150,090.00	-	-	150,090.00	-	02/21/2019	08/31/2023	-	Service Provider	District I	Tracy/Mary	02-21-19: MAINTENANCE AND TESTING OF THE SAND/OIL SEPARATOR AT MULTIPLE LOCATIONS IN DISTRICT I FOR THE SAFETY OF THE ENVIRONMENT, STATEWIDE. NV B/L#: NVD20081496193-Q PROPOSERS: LOGISTICAL SOLUTIONS, LLC AND H2O ENVIRONMENTAL, INC.
17	66318	00	PARAGON DIVERSITY GROUP	DISADVANTAGED BUSINESS ENTERPRISE (DBE) SUPPORT SERVICES	Y	139,004.00	-	-	139,004.00	-	02/27/2019	06/30/2019	-	Service Provider	Contract Compliance	Tracy	02-27-19: PROVIDE SERVICES TO CONNECT DISADVANTAGED BUSINESSES WITH PRIME CONTRACTORS AND CREATE AND FOSTER PRODUCTIVE WORKING RELATIONSHIPS WITHIN THE INDUSTRY. SERVICES INCLUDE, BUT ARE NOT LIMITED TO: PROVIDING TARGETED SKILLS TRAINING TO DISADVANTAGED BUSINESS ENTERPRISES (DBS) FOR BID STRATEGY, ASSESSING BUSINESS OPPORTUNITIES, ESTIMATING AND BIDDING, BONDING EDUCATION AND ASSISTANCE, AND FINANCE AND ACCOUNTING TRAINING. PROVIDE BOTH PRIMARY CONTRACTOR AND DBE RELATIONSHIP BUILDING, MENTORING, OUTREACH, AND NETWORKING, STATEWIDE. NV B/L#: NVD20121109269-R PROPOSERS: THE IDEA GARDENER AND PARAGON DIVERSITY GROUP
18	10519	00	SONSRAY MACHINERY	ENGINE REPLACEMENT	N	28,000.00	-	-	28,000.00	-	02/14/2019	03/29/2019	-	Service Provider	Equipment	Thor	02-14-19: REPLACE THE ENGINE IN SONSRAY'S RENTAL UNIT #12762315, A CASE MODEL TR340 SKID STEER, IN ORDER TO RESTORE THIS UNIT TO ITS ORIGINAL WORKING CONDITION, WASHOE COUNTY. NV B/L#: NVF20121735454
19	71518	00	VOGUE LAUNDRY & CLEANERS, INC.	LAUNDRY SERVICES	N	216,933.30	-	-	216,933.30	-	02/14/2019	01/31/2022	-	Service Provider	District III	Tracy/Boyd	02-14-19: FURNISH AND/OR LAUNDRY, PICK UP, AND DELIVER UNIFORMS AT VARIOUS DISTRICT III LOCATIONS, ELKO, WHITE PINE, LANDER, EUREKA, AND HUMBOLDT COUNTIES. NV B/L#: NVD19591001005-Q PROPOSERS: VOGUE LAUNDRY AND CLEANERS, INC.

NO COST AGREEMENTS AND/OR AMENDMENTS

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20	07219	00	SILVER STATE CLASSIC CHALLENGE	NEVADA OPEN ROAD CHALLENGE	N	14,500.00	-	-	-	14,500.00	03/03/2019	05/19/2019	-	Event	District III	Tracy/Boyd	03-03-19: NO COST AGREEMENT FOR AN EVENT PERMIT TO CONDUCT AN OPEN ROAD EVENT (NEVADA OPEN ROAD CHALLENGE) ON SR 318 AND SR 490 ON MAY 17-19, 2019, WHITE PINE, LINCOLN, AND NYE COUNTIES. NV B/L#: NVD19941074192
21	03519	00	LAS VEGAS VALLEY WATER DISTRICT	MANHOLE AND VALVE COVERS	Y	-	-	-	-	-	03/06/2019	03/31/2023	-	Facility	Right-of-Way	Cole	03-06-2019: NO COST AGREEMENT TO ADJUST MANHOLE AND VALVE COVERS ON EASTERN AVENUE AND CIVIC CENTER DRIVE, FROM US 95 TO COPE AVENUE FOR PEDESTRIAN, ADA, AND ROAD IMPROVEMENTS THROUGHOUT THE CORRIDOR, CLARK COUNTY. NV B/L#: EXEMPT
22	02719	00	NV ENERGY	DESIGN APPROVAL AGREEMENT	Y	-	-	-	-	-	02/19/2019	02/12/2024	-	Facility	Right-of-Way	Cole	02-19-2019: NO COST AGREEMENT FOR DESIGN APPROVAL ON SR 163, AT APPROXIMATELY MP CL4.75, FOR INSTALLATION OF SERVICE POINT FOR PROJECT MS-0163(009), CLARK COUNTY. NV B/L#: EXEMPT
23	03619	00	NV ENERGY	DESIGN INITIATION AGREEMENT	N	-	-	-	-	-	03/06/2019	03/31/2023	-	Facility	Right-of-Way	Cole	03-06-2019: NO COST AGREEMENT FOR DESIGN INITIATION AGREEMENT FOR DRAINAGE IMPROVEMENTS, NEW VEHICLE WASH PAD, AND MICRO OVERLAY AT THE LAS VEGAS MAINTENANCE STATION, CLARK COUNTY. NV B/L#: NVD19831015840
24	09319	00	TMS, INC	STORAGE TANK OPERATOR TRAINING	N	-	-	-	-	-	02/11/2019	06/30/2019	-	Facility	Training	Bill	02-11-19: NO COST AGREEMENT TO PROVIDE UNDERGROUND STORAGE TANK OPERATOR TRAINING, ELKO COUNTY. NV B/L#: EXEMPT
25	58517	01	UNIVERSITY OF NEVADA RENO	HIGHWAY PAVEMENT STUDY	N	150,000.00	-	-	150,000.00	-	01/22/2018	01/21/2020	03/11/2019	Interlocal	Materials	Thor	AMD 1 03-11-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 11-30-19 TO 01-21-20 FOR CONTINUATION OF SERVICES. 01-22-18: CONDUCT RESEARCH AND DEVELOPMENT TO PROMOTE INCREASED EFFICIENCY IN THE DESIGN AND CONSTRUCTION OF HIGHWAY PAVEMENTS IN NEVADA, STATEWIDE. NV B/L#: EXEMPT
26	02419	00	CITY OF SPARKS REDEVELOPMENT	MULTI-USE LEASE	N	105.00	-	-	-	105.00	03/11/2019	02/28/2023	-	Lease	Right-of-Way	Cole	03-11-2019: NO COST MULTI-USE LEASE OF PARCEL #I-080-WA-016-600, WASHOE COUNTY. NV B/L#: EXEMPT
27	02219	00	NP PALACE, LLC	MULTI-USE LEASE	N	187,800.00	-	-	-	187,800.00	02/01/2019	01/31/2024	-	Lease	Right-of-Way	Cole	02-01-2019: NO COST MULTI-USE LEASE OF OF PARCEL #-015-CL-040.451, CLARK COUNTY. NV B/L#: NVD20101605503
28	02819	00	VEGAS VALLEY INVESTMENT, LLC	MULTI-USE LEASE	N	90,780.00	-	-	-	90,780.00	02/19/2019	01/30/2024	-	Lease	Right-of-Way	Cole	02-19-2019: NO COST AIR SPACE MULTI-USE LEASE FOR PARCEL I-015-CL-039.595, CLARK COUNTY. NV B/L#: NVD19961029348
29	02619	00	ARJ HOSPITALITY NV, LLC	MULTI-USE LICENSE	N	1,000.00	-	-	-	1,000.00	02/12/2019	02/28/2029	-	License	Right-of-Way	Cole	02-12-2019: NO COST MULTI-USE LICENSE TO USE A PORTION OF THE RIGHT-OF-WAY ON PARCEL U-006-NY-000.217 IN TONAPAH FOR THE PURPOSES OF PARKING AND LANDSCAPING, NYE. NV B/L#: NVD20161205951
30	02519	00	BURGENER-CLARK, LLC	MULTI-USE LICENSE	N	1,000.00	-	-	-	1,000.00	02/12/2019	02/28/2029	-	License	Right-of-Way	Cole	02-12-2019: NO COST MULTI-USE LICENSE TO USE A PORTION OF THE RIGHT-OF-WAY ON PARCEL S-529-CC-000.120 FOR THE PURPOSE OF PROVIDING PARKING FOR ANOTHER 10 YEARS, CARSON CITY. NV B/L#: NVF20181400089
31	03819	00	THE MINT 400 RACE CORP	LICENSE FOR MINT 400 FESTIVAL	N	303.00	-	-	-	303.00	03/05/2019	06/30/2019	-	License	Right-of-Way	Cole	03-05-2019: NO COST LICENSE AGREEMENT FOR THE MINT 400 RACE CORP FESTIVAL FROM MARCH 5-8, 2019, LAS VEGAS, CLARK COUNTY. NV B/L#: NVD20161107898
32	03919	00	1550 EAST TROPICANA LLC	CONSTRUCTION OUTSIDE RIGHT-OF-WAY	N	-	-	-	-	-	03/11/2019	03/31/2023	-	Right-of-Way Access	Right-of-Way	Cole	03-11-2019: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF TROPICANA AVENUE FROM DEAN MARTIN DRIVE TO BOULDER HIGHWAY, CLARK COUNTY. NV B/L#: NVS2018165337
33	03719	00	LUZON INVESTORS, LLC	CONSTRUCTION OUTSIDE RIGHT-OF-WAY	N	-	-	-	-	-	03/07/2019	03/31/2023	-	Right-of-Way Access	Right-of-Way	Cole	03-07-2019: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF SOUTH MCCARRAN BOULEVARD, FROM SOUTH VIRGINIA STREET TO WEST 4TH STREET, FOR MILL AND OVERLAY 3.75" WITH ADA IMPROVEMENTS, WASHOE COUNTY. NV B/L#: NVD20161464542
34	03219	00	SAMSON EQUITIES CORPORATION	CONSTRUCTION OUTSIDE RIGHT-OF-WAY	N	-	-	-	-	-	02/25/2019	02/28/2023	-	Right-of-Way Access	Right-of-Way	Cole	02-25-2019: NO COST AGREEMENT TO RECONSTRUCT A SEGMENT OF TOPICANA AVENUE, FROM MARYLAND PARKWAY TO BOULDER HIGHWAY, FOR MILL AND OVERLAY WITH AREAS OF CONCENTRATION AND ADA IMPROVEMENTS, CLARK COUNTY. NV B/L#: NVD19981289543

NO COST AGREEMENTS AND/OR AMENDMENTS

Line No.	Agreement No	Amend No	Contractor	Purpose	Fed	Original Agreement Amount	Amendment Amount	Total of prior Amendments	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Notes
35	69716	01	HARRIS CORPORATION COMM SYSTEM	RADIO SYSTEM REPLACEMENT	N	55,666,235.13	-	-	55,666,235.13	-	09/13/2018		02/26/2019	Service Provider	Traffic Operations	Thor	AMD1 02-26-19: NO COST AMENDMENT TO ADD LANGUAGE TO THE AGREEMENT TO PROTECT NDOT AND SECOND PARTY FROM DISCLOSING AGREEMENT INFORMATION TO THE PUBLIC THAT HAS BEEN DEEMED CONFIDENTIAL. 09-13-18: REPLACEMENT OF NDOT'S PORTION OF THE NEVADA SHARED RADIO SYSTEM'S LAND MOBILE RADIO EQUIPMENT, STATEWIDE. NV B/L#: NVF19831009840-R PROPOSERS: HARRIS CORP AND MOTOROLA
36	63516	02	HDR ENGINEERING, INC.	AUGMENTATION OF CREW 914	N	298,110.00	-	-	298,110.00	-	11/28/2016	11/28/2020	03/05/2019	Service Provider	Construction	Thor	AMD 2 03-05-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 05-31-19 TO 11-28-20 FOR CONTINUATION OF SERVICES. AMD 1 06-28-18: CORRECTION OF CONTACT PERSON FROM RUEDY EDGINGTON TO CRAIG SMART. 11-28-16: RESIDENT ENGINEER TO AUGMENT CREW 914 FOR OVERSIGHT OF LOCAL PUBLIC AGENCIES (LPA) PROJECTS IN DISTRICT 1 ON AN AS-NEEDED BASIS, CLARK, NYE, ESMERALDA, MINERAL, AND LINCOLN COUNTIES. NV B/L#: NVF198510102910-R PROPOSERS: ATKINS, SLATER HANIFAN GROUP, AND STANKA CONSULTING.



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

MEMORANDUM

March 27, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina L. Swallow, P.E., Director
SUBJECT: April 8, 2019 Transportation Board of Directors Meeting
Item # 8: Action Item: Condemnation Resolution No. 471
I-15/CC-215 Northern Beltway Interchange,
Phase 4 of the I-15 North Corridor Project;
in the City of North Las Vegas, Clark County, NV.
2 Owners, 4 Parcels – For possible action

Summary:

The Department is acquiring property, and property rights for construction of the system-to-system interchange upgrade, I-15 at the CC-215 Northern Beltway Interchange, consisting of new street connections (Topical Parkway, Centennial Parkway and Nellis Boulevard) to tie-in with the new interchange, in the City of North Las Vegas, Clark County, Nevada. The Department is seeking the Board's approval of a condemnation action for the unresolved acquisitions as described below.

Background:

Educators Land - The negotiation is unresolved for the acquisitions from Educators Land, a limited partnership. It is necessary to acquire a 33,235 square-foot (0.76 of an acre) fee acquisition from a vacant 1.93-acre, General Industrial-zoned, larger parcel (APN 123-28-101-001), and a 36,231 square-foot (0.83 of an acre) fee acquisition from a vacant 6.48-acre, Open Land-zoned, larger parcel (APN 123-28-101-011). NDOT Parcel No. 051.623, located west of CC-215, is needed for the widening of the north-south oriented Nellis Boulevard, and NDOT Parcel No. 051.787, located on the east side of CC-215, is needed for the extension of the east-west oriented Centennial Parkway.

The acquisitions in question, which are located to the west and east of the CC-215 Beltway and extend southerly along the Nellis Boulevard alignment from Centennial Parkway to Regena Avenue, and easterly along the Centennial Parkway alignment to Tropical Parkway, are highlighted in yellow on the right-of-way plans that are part of the Condemnation Resolution (Attachment 2).

The Department is continuing to work towards settlement, but is requesting this condemnation resolution to meet construction deadlines.

North Interchange Holdings, LLC - The negotiation is unresolved for the acquisitions from North Interchange Holdings, a Nevada Limited-Liability Company. It is necessary to acquire a 47,463 square-foot (1.09 acre) fee acquisition from a vacant 9.17-acre, General Commercial-zoned, larger parcel (APN 123-28-101-003), and an 11,423 square-foot (0.26 of an acre) fee acquisition from a 5.34-acre, General Commercial-zoned, larger parcel (APN 123-28-101-006) that is vacant land except for an outdoor advertising sign situated near the western property boundary and within the proposed acquisition parcel. NDOT Parcel Nos. 051.867 and 051.858 are both needed for the widening of the north-south oriented Tropical Parkway.

The acquisitions in question, which are located east of the CC-215 Beltway and extend southerly along the Tropical Parkway alignment from Centennial Parkway a distance of approximately 740', are highlighted in green on the right-of-way plans that are part of the Condemnation Resolution (Attachment 2).

The Department is continuing to work towards settlement, but is requesting this condemnation resolution to meet construction deadlines.

Analysis:

A condemnation resolution is requested so that the Department can certify the right-of-way to the Federal Highway Administration to meet the project schedule. Prior to construction, all environmental testing and any demolition and utility relocations must be accomplished. Pursuant to Chapter 241 of the Nevada Revised Statutes, the required notices regarding this open meeting have been served.

Recommendation for Board Action:

Board approval of this resolution of condemnation is respectfully requested.

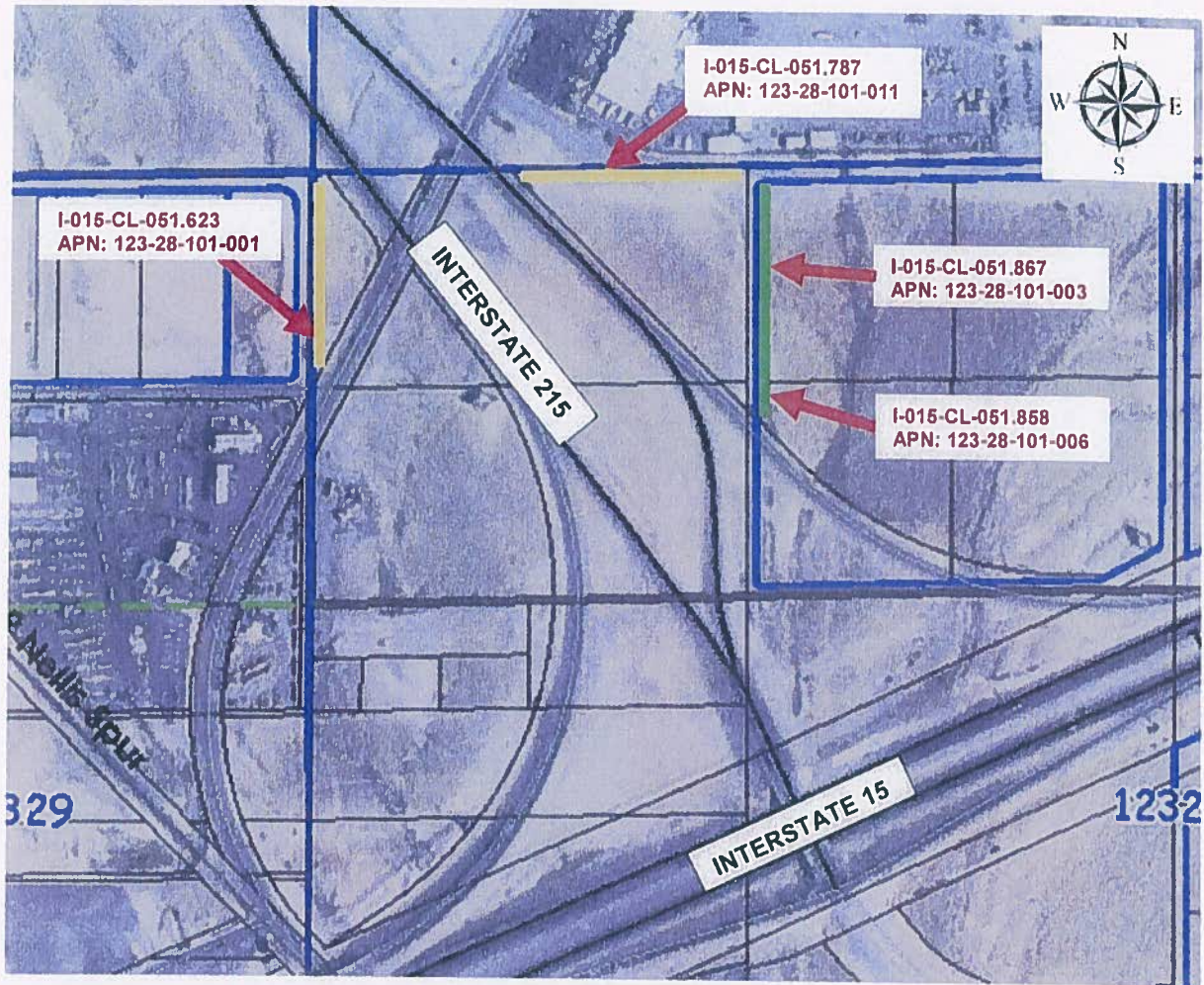
List of Attachments:

1. Location map
2. Condemnation Resolution No. 471 with Right-of-Way plans
3. Section 408.503 of the Nevada Revised Statutes
4. Section 241.034 of the Nevada Revised Statutes

Prepared by:

Jessica Biggin, Chief R/W Agent *AOB*

LOCATION MAP



CONDEMNATION RESOLUTION No. 471

DESCRIPTION: I-15/CC Northern Beltway Interchange,
Phase 4 of the I-15 Freeway North Corridor Project, in the City of
North Las Vegas

RESOLUTION OF THE BOARD OF DIRECTORS OF THE DEPARTMENT OF TRANSPORTATION AUTHORIZING ACQUISITION BY CONDEMNATION OF PROPERTY FOR THE RECONSTRUCTION OF I-15/CC-215 NORTHERN BELTWAY INTERCHANGE, PHASE 4 OF THE I-15 NORTH CORRIDOR PROJECT, IN THE CITY OF NORTH LAS VEGAS, NEVADA.

CONDEMNATION RESOLUTION NO. 471

WHEREAS, the Department of Transportation of the State of Nevada (hereinafter the "Department") is empowered by chapter 408 of the Nevada Revised Statutes to acquire real property, interests therein, and improvements located thereon for the construction and maintenance of highways; and

WHEREAS, the Department has determined that the public interest and necessity require the acquisition, construction, and completion by the State of Nevada, acting by and through the Department, of a public improvement, namely the reconstruction of the I-15/CC-215 Northern Beltway Interchange in the City of North Las Vegas, State of Nevada and that the real property hereinafter described is necessary for said public improvement; and

WHEREAS, the right-of-way plans are attached hereto and incorporated herein depicting the parcels described herein; and

WHEREAS, the Department plans to obligate federal-aid funds for this project, and let a construction contract for said project, and the real property hereinafter described will be needed for said freeway project; and

WHEREAS, pursuant to section 408.503 of the Nevada Revised Statutes, the Department shall not commence any legal action in eminent domain until the Board of Directors of the Department adopts a resolution declaring that the public interest and necessity require the highway improvement and that the property described is necessary for such improvement.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Department, pursuant to section 408.503 of the Nevada Revised Statutes:

That the public interest and necessity require the acquisition, construction, reconstruction, improvement, maintenance or completion by the State of Nevada, acting through the Department, of a public improvement, namely a freeway interchange; and that the real property hereinafter described is necessary for said public improvement; and

That the proposed construction of said public highway improvement on and along an alignment heretofore approved is planned and located in a manner which will be the most compatible with the greatest public good and the least private injury.

BE IT FURTHER RESOLVED THAT the Department be and is hereby authorized and directed:

To acquire in the name of and in behalf of the State of Nevada, in fee simple absolute, unless a lesser estate is hereinafter described, the following described real property and interests therein by the exercise of the power of eminent domain in accordance with the provisions of chapters 37 and 408 of the Nevada Revised Statutes;

To commence and prosecute, if necessary, in the name of the State of Nevada, condemnation proceedings in the proper court to condemn said real property and interests therein; and

To make application to said court for an order permitting the Department to take possession and use of said real property as may be necessary for construction of said public highway improvement, and to pledge the public faith

and credit of the State of Nevada as security for such entry or, should the Department deem such advisable, to deposit with the Clerk of such court, in lieu of such pledge, a sum equal to the just compensation for the property and property rights sought to be condemned as determined by the Department:

PARCEL NOS. I-015-CL-051.623 and I-015-CL-051.787, vested in the name of Educators Land, an expired Nevada limited partnership

Said real property situate, lying and being in the City of North Las Vegas, County of Clark, State of Nevada, and more particularly described as being a portion of the NW 1/4 of Section 28, T. 19 S., R. 62 E., M.D.M., and more fully described by metes and bounds as follows:

PARCEL NO. I-015-CL-051.623 to be acquired in fee simple.

COMMENCING at the northwest corner of said Section 28, shown and delineated as a "CNLV Brass Cap, PLS 10160 2006" on that certain RECORD OF SURVEY FOR HERSHENOW + KLIPPENSTEIN ARCHITECTS, filed for record as Book No. 20100909, Instrument No. 0000995, on September 9, 2010, File 182, Page 23 of Surveys, Official Records, Clark County, Nevada; said point of beginning described as being on the right or westerly right-of-way line of CC-215, 2,568.76 feet left of and at right angles to Highway Engineer's Station "Xe" 1325+09.26 P.O.T.; thence N. 88°23'30" E., along said former westerly right-of-way line, a distance of 42.23 feet; thence S. 37°13'51" E. a distance of 65.30 feet to a non-tangent curve; thence departing said former westerly right-of-way line, from a tangent which bears S. 68°10'05" W.,

curving to the left, with a radius of 50.00 feet, through an angle of 68°21'12", an arc distance of 59.65 feet; thence S. 00°11'07" E. a distance of 497.59 feet to a point on the northerly right-of-way line of Range Road; thence S. 27°05'00" W. along said northerly right-of-way line, a distance of 109.13 feet; thence N. 00°11'07" W., departing said northerly right-of-way line, a distance of 692.14 feet to the point of beginning; said parcel contains an area of 33,235 square feet (0.76 of an acre).

PARCEL NO. I-015-CL-051.787 to be acquired in fee simple.

COMMENCING at the northwest corner of said Section 28, shown and delineated as a "CNLV Brass Cap, PLS 10160 2006" on that certain RECORD OF SURVEY FOR HERSHENOW + KLIPPENSTEIN ARCHITECTS, filed for record as Book No. 20100909, Instrument No. 0000995, on September 9, 2010, File 182, Page 23 of Surveys, Official Records, Clark County, Nevada; thence N. 88°23'30" E. a distance of 623.79 feet to the POINT OF BEGINNING; said point of beginning described as being on the former left or easterly right-of-way line of CC-215, 2,319.18 feet left of and at right angles to Highway Engineer's Station "Xe" 1330+80.95 P.O.T.; thence N. 88°23'30" E., departing said former easterly right-of-way line, a distance of 746.25 feet to a point on the westerly right-of-way line of Military Road; thence S. 00°04'44" E., along said westerly right-of-way line, a distance of 75.69 feet to a non-tangent curve; thence departing said former

westerly right-of-way line, from a tangent which bears N. 00°04'44" W., curving to the left, with a radius of 25.00 feet, through an angle of 91°31'46", an arc distance of 39.94 feet; thence S. 88°23'30" W. a distance of 671.73 feet to a point on said former easterly right-of-way line; thence N. 45°08'40" W., along said former easterly right-of-way line, a distance of 68.97 feet to the point of beginning; said parcel contains an area of 36,231 square feet (0.83 of an acre).

EXCEPTING THEREFROM any and all water rights appurtenant to said parcels.

PARCEL NOS. I-015-CL-051.858 and I-015-CL-051.867, owned by North Interchange Holdings LLC, a Nevada limited liability company

Said real property situate, lying and being in the City of North Las Vegas, County of Clark, State of Nevada, and more particularly described as being a portion of the NW 1/4 of Section 28, T. 19 S., R. 62 E., M.D.M., and more fully described by metes and bounds as follows:

PARCEL NO. I-015-CL-051.858 to be acquired in fee simple.

COMMENCING at the northwest corner of said Section 28, shown and delineated as a "CNLV Brass Cap, PLS 10160 2006" on that certain RECORD OF SURVEY FOR HERSHENOW + KLIPPENSTEIN ARCHITECTS, filed for record as Book No. 20100909, Instrument No. 0000995, on September 9, 2010, File 182, Page 23 of Surveys, Official Records, Clark County, Nevada; thence S. 61°39'10" E. a distance of 1,591.41 feet to the POINT OF

BEGINNING; said point of beginning described as being on the former left or easterly right-of-way line of CC-215, 1,288.82 feet left of and at right angles to Highway Engineer's Station "Xe" 1334+54.98 P.O.T.; thence N. 00°04'44" W., departing said former easterly right-of-way line, along the easterly right-of-way line of Military Road, a distance of 113.88 feet; thence N. 88°22'53" E., departing said easterly right-of-way line, a distance of 75.03 feet; thence S. 00°04'44" E. a distance of 190.72 feet to a point on said former easterly right-of-way line; thence N. 45°08'40" W., along said former easterly right-of-way line, a distance of 105.94 feet to the point of beginning; said parcel contains an area of 11,423 square feet (0.26 of an acre).

PARCEL NO. I-015-CL-051.867 to be acquired in fee simple.

COMMENCING at the northwest corner of said Section 28, shown and delineated as a "CNLV Brass Cap, PLS 10160 2006" on that certain RECORD OF SURVEY FOR HERSHENOW + KLIPPENSTEIN ARCHITECTS, filed for record as Book No. 20100909, Instrument No. 0000995, on September 9, 2010, File 182, Page 23 of Surveys, Official Records, Clark County, Nevada; thence S. 65°22'49" E. a distance of 1,540.47 feet to the POINT OF BEGINNING; said point of beginning described as being on the easterly right-of-way line of Military Road, 1,391.93 feet left of and at right angles to Highway Engineer's Station "Xe" 1335+03.31 P.O.T.;

thence N. 00°04'44" W., along said easterly right-of-way line, a distance of 606.69 feet; thence from a tangent which bears the last described course, curving to the right, with a radius of 25.00 feet, through an angle of 88°28'14", an arc distance of 38.60 feet to a point on the southerly right-of-way line of Centennial Parkway; thence N. 88°23'30" E., along said southerly right-of-way line, a distance of 94.37 feet; thence departing said southerly right-of-way line the following three (3) courses and distances:

- 1) from a tangent which bears S. 88°23'30" W., curving to the left, with a radius of 50.00 feet, through an angle of 88°28'14", an arc distance of 77.20 feet;
- 2) N. 89°55'16" E. – 5.00 feet;
- 3) S. 00°04'44" E. – 582.20 feet;
- 4) S. 88°22'53" W. – 75.03 feet to the point of beginning;

said parcel contains an area of 47,463 square feet (1.09 of an acre).

EXCEPTING THEREFROM any and all water rights appurtenant to said parcels.

The Basis of Bearing for these descriptions is the NEVADA STATE PLANE COORDINATE SYSTEM, NAD 83/94 DATUM, East Zone, as determined by the State of Nevada, Department of Transportation.

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BE IT FURTHER RESOLVED that the Director, Deputy Director, and Chief Counsel of the Department have the power to enter into any stipulations or file any necessary pleadings in any condemnation proceeding and to bind the Department of Transportation in the completion of this project.

Adopted this _____ day of April, 2019.

ON BEHALF OF
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
BOARD OF DIRECTORS

Secretary to the Board
William H. Hoffman

Chairman – Steve Sisolak
Governor

APPROVED AS TO LEGALITY
AND FORM

Dennis Gallagher, Chief Counsel
Department of Transportation

INDEX OF SHEETS

RW1 TITLE SHEET
 RW2 LEGEND
 RW3 SHEET INDEX
 RW4-RW12 R/W PLANS
 RW13 R/W ENGINEERING TABLES
 RW14 PROPERTY SCHEDULE

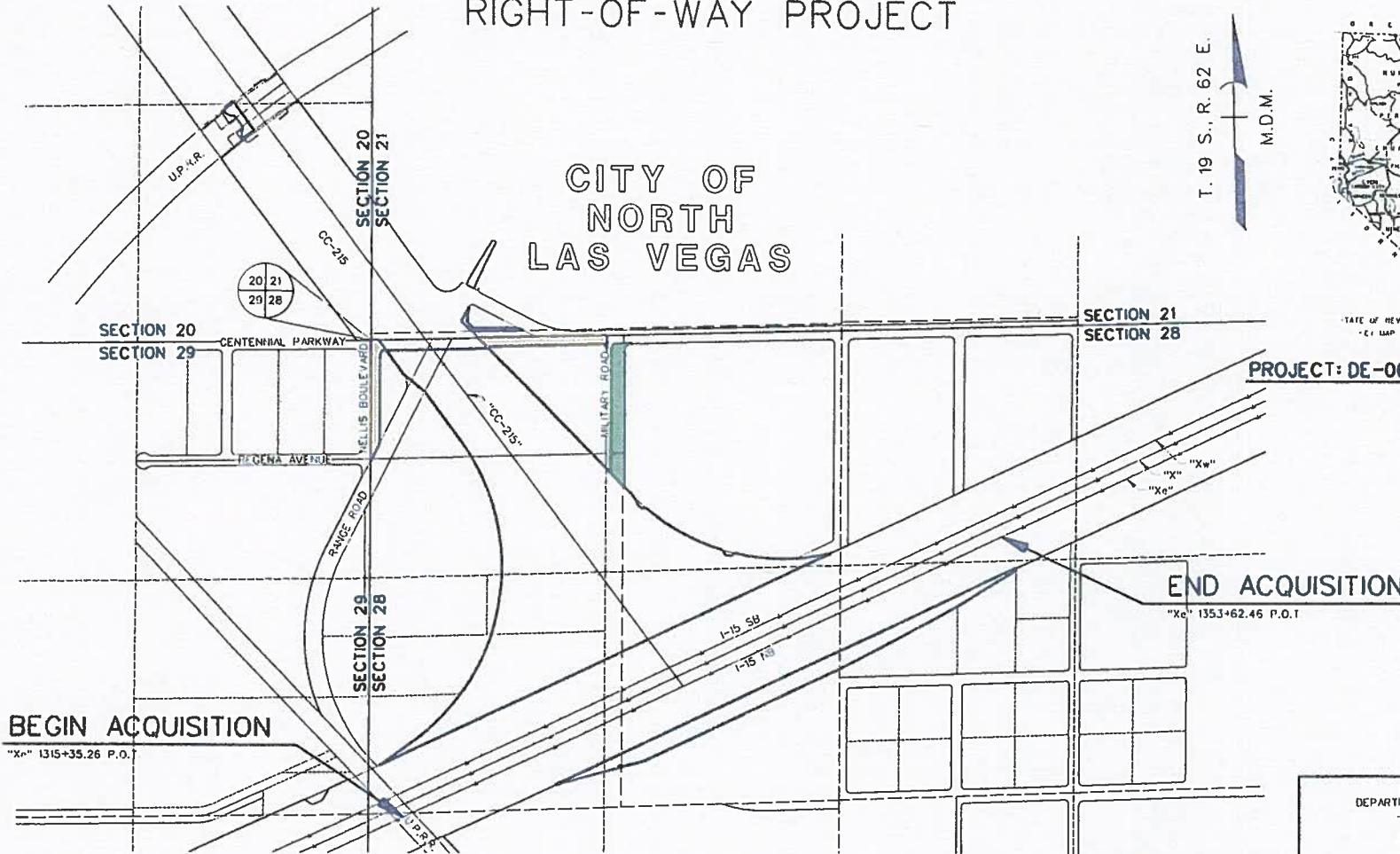
STATE OF NEVADA
 DEPARTMENT OF TRANSPORTATION

STATE	E.A. NO.	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	73536	DE-0003(139)	CLARK	RW1

RIGHT-OF-WAY PROJECT

CITY OF
 NORTH
 LAS VEGAS

T. 19 S., R. 62 E.
 M.D.M.



BEGIN ACQUISITION

"Xn" 1315+35.26 P.O.T.

END ACQUISITION

"Xc" 1353+62.46 P.O.T.

PROJECT: DE-0003(139)

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MAP ID NO. 27430



DATE OF LAST REVISION:	
R/W DIVISION	
TRACED	
CHECKED	
PHONE	

STATE OF NEVADA
 DEPARTMENT OF TRANSPORTATION

DATE: SEPTEMBER 21 2018

R/W PLANS

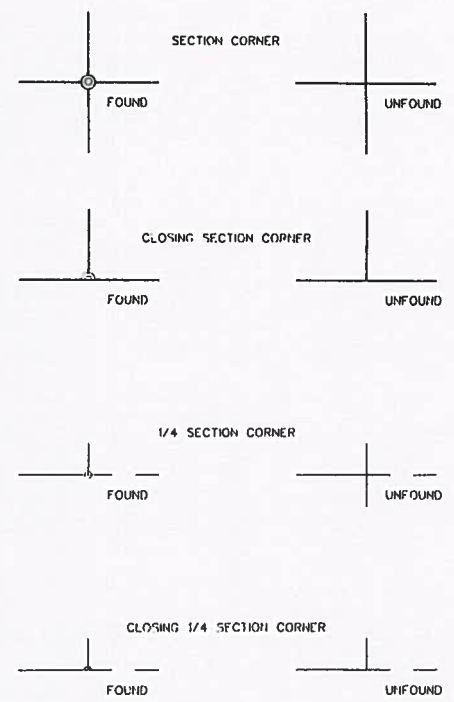
APPROVED: _____
UNIFORM R/W SURVEY SERVICE

SCALE: P. 110

SHEET 1 OF 14

LEGEND OF RIGHT-OF-WAY SYMBOLS

C/A	CONTROL OF ACCESS		CONTROL OF ACCESS WITH FENCE OR BARRIER
CL	CENTERLINE		CONTROL OF ACCESS WITHOUT A FENCE OR BARRIER
C/P	PERMISSION TO CONSTRUCT		LOCATION AT WHICH ACCESS TO THE FREEWAY IS PERMITTED BY THE STATE
Δ	DELTA		SUBDIVISION BOUNDARY
L	ARC LENGTH		RESERVATION OR PARK BOUNDARY
LT.	LEFT		STATE LINE
P.C.	POINT OF CURVE		COUNTY LINE
P.C.C.	POINT OF COMPOUND CURVATURE		CITY OR TOWN LIMITS
PE	PERMANENT EASEMENT		SECTION LINE
PL	PROPERTY LINE		1/4 SECTION LINE
P.O.B.	POINT OF BEGINNING		1/16 SECTION LINE
P.O.C.	POINT ON CURVE		1/64 SECTION LINE
P.O.E.	POINT OF ENDING		FENCE LINE
P.O.T.	POINT OF TANGENT		
P.R.C.	POINT OF REVERSE CURVATURE		
P.T.	POINT OF TANGENCY		
R	RADIUS		
PEM.	REMAINDER		
RT	RIGHT		
R/W	RIGHT-OF-WAY		
TE	TEMPORARY EASEMENT		



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
DATE: SEPTEMBER 21, 2008
R/W PLANS

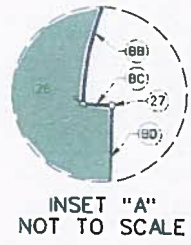
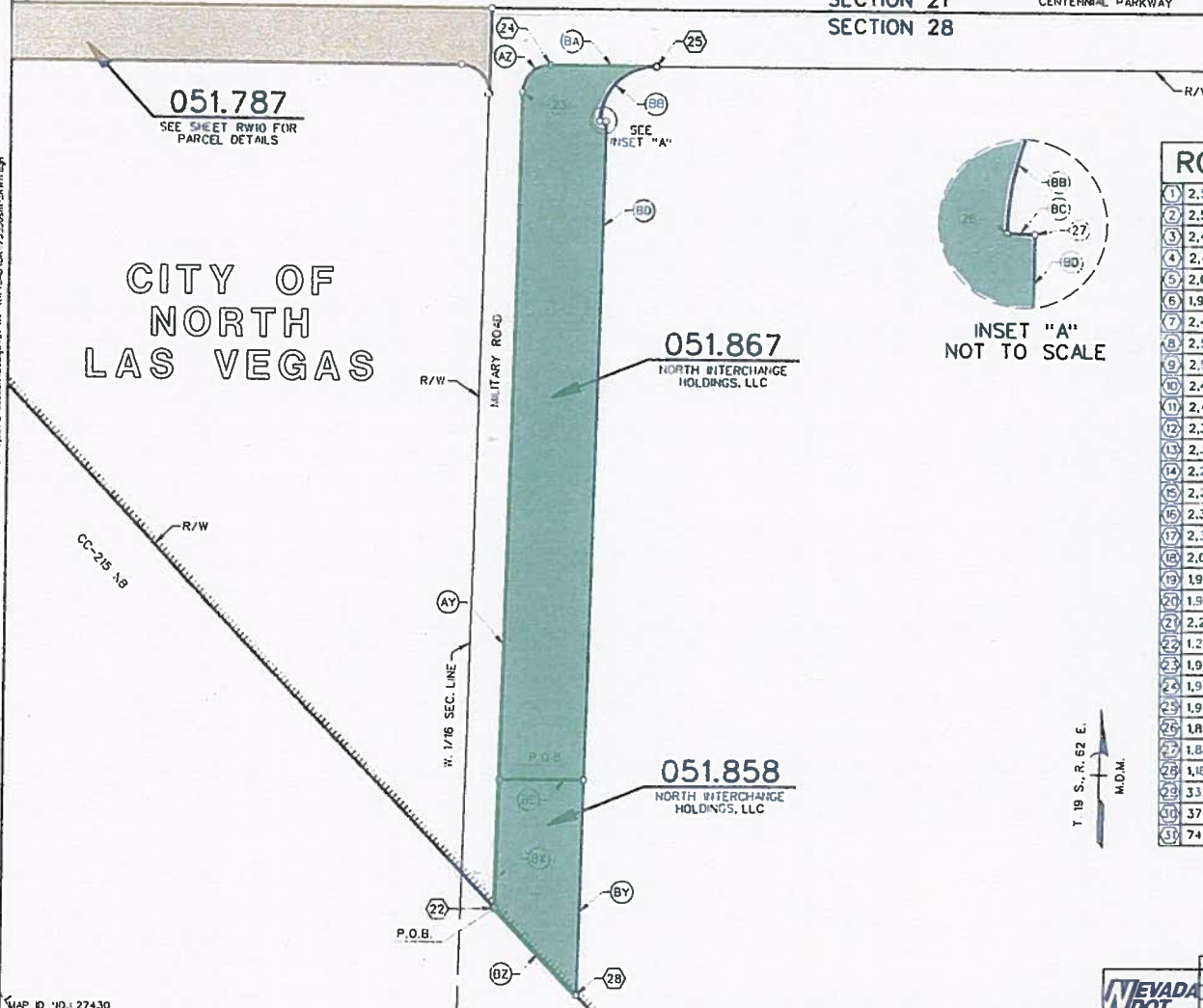
PARCEL NUMBER PREFIX: I-015-CL-

STATE	E.A. NO.	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	73538	DC-00031391	CLARK	RW11

SEE SHEET RW13 FOR PARCEL INFORMATION

SECTION 21
SECTION 28

CENTENNIAL PARKWAY



INSET "A"
NOT TO SCALE

ROW OFFSETS

1	2,568.76' LT. "Xe" 1325+09.26 P.O.T.
2	2,551.87' LT. "Xe" 1325+47.96 P.O.T.
3	2,488.00' LT. "Xe" 1325+61.58 P.O.T.
4	2,459.22' LT. "Xe" 1325+13.34 P.O.T.
5	2,008.28' LT. "Xe" 1323+02.99 P.O.T.
6	1,941.51' LT. "Xe" 1322+46.67 P.O.T.
7	2,447.08' LT. "Xe" 1330+34.52 P.O.T.
8	2,503.83' LT. "Xe" 1331+07.83 P.O.T.
9	2,504.94' LT. "Xe" 1331+09.52 P.O.T.
10	2,426.72' LT. "Xe" 1330+60.01 P.O.T.
11	2,424.92' LT. "Xe" 1330+63.53 P.O.T.
12	2,379.77' LT. "Xe" 1330+79.62 P.O.T.
13	2,304.01' LT. "Xe" 1332+53.15 P.O.T.
14	2,264.30' LT. "Xe" 1333+24.49 P.O.T.
15	2,252.53' LT. "Xe" 1333+33.59 P.O.T.
16	2,371.04' LT. "Xe" 1330+62.12 P.O.T.
17	2,319.18' LT. "Xe" 1330+80.95 P.O.T.
18	2,020.60' LT. "Xe" 1337+64.86 P.O.T.
19	1,952.06' LT. "Xe" 1337+32.74 P.O.T.
20	1,985.59' LT. "Xe" 1337+20.10 P.O.T.
21	2,254.35' LT. "Xe" 1331+04.48 P.O.T.
22	1,288.82' LT. "Xe" 1334+54.98 P.O.T.
23	1,941.27' LT. "Xe" 1337+60.81 P.O.T.
24	1,953.57' LT. "Xe" 1337+93.44 P.O.T.
25	1,915.81' LT. "Xe" 1338+79.93 P.O.T.
26	1,891.21' LT. "Xe" 1338+14.65 P.O.T.
27	1,889.09' LT. "Xe" 1338+19.18 P.O.T.
28	1,189.23' LT. "Xe" 1334+01.13 P.O.T.
29	332.00' LT. "Xe" 1315+35.26 P.O.T.
30	372.92' LT. "Xe" 1317+61.05 P.O.T.
31	744.77' LT. "Xe" 1324+41.69 P.O.T.

ROW OFFSETS

32	1,096.86' LT. "Xe" 1335+18.09 P.O.T.
33	1,060.73' LT. "Xe" 1335+21.10 P.O.T.
34	1,030.56' LT. "Xe" 1326+37.12 P.O.T.
35	1,839.04' LT. "Xe" 1327+40.87 P.O.T.
36	2,166.55' LT. "Xe" 1326+71.03 P.O.T.
37	2,309.41' LT. "Xe" 1325+99.67 P.O.T.
38	2,477.69' LT. "Xe" 1325+63.78 P.O.T.
39	2,239.24' LT. "Xe" 1331+09.97 P.O.T.
40	1,122.64' LT. "Xe" 1335+15.31 P.O.T.
41	332.00' LT. "Xe" 1344+27.34 P.O.T.
42	200.00' RT. "Xe" 1324+12.11 P.O.T.
43	200.00' RT. "Xe" 1353+62.46 P.O.T.
44	213.29' RT. "Xe" 1353+56.15 P.O.T.
45	257.67' RT. "Xe" 1349+59.04 P.O.T.
46	295.00' RT. "Xe" 1341+88.09 P.O.T.
47	295.00' RT. "Xe" 1329+36.35 P.O.T.
48	1,042.99' LT. "Xe" 1335+23.88 P.O.T.
49	1,074.59' LT. "Xe" 1335+43.71 P.O.T.
50	1,024.74' LT. "Xe" 1335+55.65 P.O.T.
51	626.19' LT. "Xe" 1338+48.67 P.O.T.
52	619.23' LT. "Xe" 1338+53.40 P.O.T.
53	603.96' LT. "Xe" 1338+58.99 P.O.T.
54	585.49' LT. "Xe" 1338+62.55 P.O.T.
55	576.92' LT. "Xe" 1338+68.70 P.O.T.
56	564.08' LT. "Xe" 1338+94.36 P.O.T.
57	570.68' LT. "Xe" 1339+14.35 P.O.T.



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 MAP ID 10127430

DATE OF LAST REVISION:	
R/W DIVISION	
TRACED	
CHECKED	
PHONE	

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DATE: SEPTEMBER 21, 2018

R/W PLANS

APPROVED: _____
MANAGER, R/W SURVEY SERVICES

SCALE: 1"=100'

SHEET 11 OF 14

PARCEL NUMBER PREFIX: I-015-CL-84

STATE	E.A. NO.	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	73538	0C-000311391	CLARK	HW13

051.494

P.O.B. = 332.00' LT. "Xe" 1315+35.26 P.O.T.
TIE: S. 01° 39' 44" E. - 2,439.63' FROM THE
NW COR. SEC. 28, T. 19 S., R. 62 E., M.D.M.

BE N. 54° 32' 09" E. - 229.47'

BF A = 36° 45' 20"
R = 1,230.00' L = 789.05'

BH A = 13° 36' 04"
R = 1,461.94' L = 347.04'
T.B. = N. 15° 58' 20" E.

BJ A = 38° 42' 03"
R = 1,230.00' L = 830.81'
T.B. = N. 01° 28' 12" E.

BK N. 37° 13' 51" W. - 334.88'

BL N. 51° 44' 15" W. - 159.69'

BM N. 37° 13' 51" W. - 172.07'

BN N. 88° 23' 30" E. - 595.97'

BO S. 45° 08' 40" E. - 1,187.90'

BG S. 31° 21' 43" E. - 25.93'

BH S. 29° 57' 07" E. - 36.25'

CA S. 34° 05' 23" E. - 17.96'

CB S. 72° 20' 45" W. - 27.06'

CC N. 64° 16' 19" E. - 11.95'

CD A = 22° 58' 20"
R = 1,242.00' L = 497.97'
T.B. = S. 50° 01' 56" E.

CE S. 59° 22' 51" E. - 8.41'

CF S. 45° 19' 26" E. - 16.27'

CG S. 36° 05' 36" E. - 18.81'

CH S. 60° 52' 45" E. - 10.55'

CI S. 88° 36' 21" E. - 78.69'

CJ N. 46° 32' 29" E. - 21.04'

CK A = 26° 07' 37"
R = 1,242.00' L = 566.35'
T.B. = S. 76° 58' 27" E.

CL S. 64° 48' 25" W. - 2,887.29'

051.623

P.O.B. = 2,568.76' LT. "Xe" 1325+09.26 P.O.T.
TIE: P.O.B. =

AW N. 88° 23' 30" E. - 42.23'

AX S. 37° 13' 51" E. - 65.30'

AY A = 68° 21' 12"
R = 50.00' L = 59.65'
T.B. = S. 68° 10' 05" W.

AZ S. 00° 11' 07" E. - 497.59'

BA S. 27° 05' 00" W. - 109.13'

BB N. 00° 11' 07" W. - 692.14'

051.644PE1

P.O.B. = 3,924.24' LT. "Xe" 1323+22.49 P.O.T.
TIE: N. 33° 02' 19" W. - 1,368.28' FROM THE
SE COR. SEC. 20, T. 19 S., R. 62 E., M.D.M.

GA A = 50° 45' 31"
R = 73.40' L = 65.03'
T.B. = N. 20° 24' 32" W.

GB N. 37° 13' 59" W. - 82.88'

GC A = 58° 14' 26"
R = 81.50' L = 82.84'
T.B. = S. 86° 36' 16" W.

GD A = 00° 45' 03"
R = 6,013.96' L = 78.80'
T.B. = N. 51° 49' 50" E.

GE S. 37° 07' 05" E. - 200.00'

GF A = 00° 50' 01"
R = 5,813.96' L = 84.60'
T.B. = S. 52° 34' 15" W.

051.644TE1

P.O.B. = 3,924.24' LT. "Xe" 1323+22.49 P.O.T.
TIE: N. 33° 02' 19" W. - 1,368.28' FROM THE
SE COR. SEC. 20, T. 19 S., R. 62 E., M.D.M.

MA A = 00° 04' 34"
R = 5,813.96' L = 7.73'
T.B. = S. 51° 44' 14" W.

MB N. 37° 13' 59" W. - 46.01'

MC A = 00° 29' 20"
R = 5,859.96' L = 50.00'
T.B. = N. 51° 40' 11" E.

MD A = 50° 45' 31"
R = 73.40' L = 65.03'
T.B. = S. 30° 20' 58" W.

051.644TE2

P.O.B. = 4,121.27' LT. "Xe" 1322+86.81 P.O.T.
TIE: N. 33° 20' 50" W. - 1,568.36' FROM THE
SE COR. SEC. 20, T. 19 S., R. 62 E., M.D.M.

NA A = 58° 14' 26"
R = 81.50' L = 82.84'
T.B. = S. 35° 09' 18" E.

NB S. 37° 13' 59" E. - 13.87'

NC A = 00° 29' 00"
R = 5,928.96' L = 50.00'
T.B. = S. 52° 09' 56" W.

ND N. 37° 13' 59" W. - 85.02'

NE A = 00° 07' 58"
R = 6,013.96' L = 13.94'
T.B. = N. 51° 41' 52" E.

051.661

P.O.B. = 200.00' RT. "Xe" 1324+12.11 P.O.T.
TIE: S. 23° 11' 00" E. - 2,770.45' FROM THE
NW COR. SEC. 28, T. 19 S., R. 62 E., M.D.M.

PA N. 64° 48' 25" E. - 2,950.36'

PB S. 00° 13' 30" W. - 14.71'

PC S. 58° 25' 47" W. - 399.58'

PD S. 62° 02' 05" W. - 771.85'

PE S. 64° 48' 25" W. - 1,251.74'

PF S. 75° 04' 42" W. - 532.78'

051.778

P.O.B. = 2,447.08' LT. "Xe" 1330+34.52 P.O.T.
TIE: N. 77° 51' 01" E. - 539.17' FROM THE
SW COR. SEC. 21, T. 19 S., R. 62 E., M.D.M.

QA N. 27° 06' 26" E. - 92.65'

QB A = 04° 46' 01"
R = 25.00' L = 2.08'

QC A = 09° 18' 55"
R = 570.00' L = 92.67'
T.B. = S. 11° 48' 12" W.

QD S. 88° 00' 52" E. - 3.96'

QE S. 44° 48' 41" E. - 47.92'

QF N. 88° 23' 30" E. - 189.35'

QG S. 86° 05' 28" E. - 81.64'

QH S. 62° 53' 42" E. - 14.88'

QI S. 88° 23' 30" W. - 296.21'

QJ N. 45° 08' 40" W. - 80.89'

051.787

P.O.B. = 2,319.18' LT. "Xe" 1330+80.95 P.O.T.
TIE: N. 88° 23' 30" E. - 623.79' FROM THE
NW COR. SEC. 28, T. 19 S., R. 62 E., M.D.M.

RA N. 88° 23' 30" E. - 746.25'

RB S. 00° 04' 44" E. - 75.69'

RC A = 91° 31' 46"
R = 25.00' L = 39.94'
T.B. = N. 10° 04' 44" W.

RD S. 88° 23' 30" W. - 671.73'

RE N. 45° 08' 40" W. - 68.97'

051.800TE1

P.O.B. = 2,629.27' LT. "Xe" 1331+49.78 P.O.T.
TIE: N. 59° 24' 37" E. - 643.36' FROM THE
SW COR. SEC. 21, T. 19 S., R. 62 E., M.D.M.

SA A = 07° 05' 18"
R = 625.00' L = 77.32'
T.B. = N. 23° 12' 08" E.

SB N. 31° 08' 02" E. - 222.27'

SC S. 63° 11' 27" E. - 24.17'

SD S. 26° 48' 33" W. - 38.61'

SE S. 26° 15' 54" W. - 44.17'

SF S. 25° 34' 20" W. - 48.59'

SG S. 25° 17' 43" W. - 45.86'

SH S. 24° 17' 02" W. - 45.45'

SI S. 24° 29' 17" W. - 40.73'

SJ S. 23° 18' 55" W. - 23.96'

SK S. 15° 41' 46" W. - 5.56'

SL A = 00° 38' 54"
R = 576.00' L = 6.51'
T.B. = S. 23° 30' 38" W.

SM N. 62° 53' 39" W. - 50.13'

051.858

P.O.B. = 1,288.82' LT. "Xe" 1334+54.98 P.O.T.
TIE: S. 61° 39' 10" E. - 1,591.41' FROM THE
NW COR. SEC. 28, T. 19 S., R. 62 E., M.D.M.

TA N. 00° 04' 44" W. - 113.88'

TB N. 88° 22' 53" E. - 75.03'

TC S. 00° 04' 44" E. - 190.72'

TD N. 45° 08' 40" W. - 105.94'

051.867

P.O.B. = 1,391.93' LT. "Xe" 1335+03.31 P.O.T.
TIE: S. 65° 22' 49" E. - 1,540.47' FROM THE
NW COR. SEC. 28, T. 19 S., R. 62 E., M.D.M.

UA N. 00° 04' 44" W. - 606.69'

UB A = 88° 28' 14"
R = 25.00' L = 38.60'

UC N. 88° 23' 30" E. - 94.37'

UD A = 88° 28' 14"
R = 50.00' L = 77.20'
T.B. = S. 88° 23' 30" W.

UE N. 89° 55' 16" E. - 5.00'

UF S. 00° 04' 44" E. - 582.70'

UG S. 88° 22' 53" W. - 75.03'

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MAP ID NO.: 27430

DATE OF LAST REVISION:	
R/W DIVISION	
TRACED	
CHECKED	
PHONE	

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

DATE: FEBRUARY 19, 2019

R/W PLANS

APPROVED: _____
MANAGER, R/W SURVEY SERVICES

SCALE: 1"=100'

SHEET 13 OF 14

PARCEL NO.	GRANTOR	GROSS AREA OF ACQSN	RW AREA	EXCESS AREA	REMAINDER		ACQUISITION DATA			SURPLUS LAND DATA				REMARKS
					LT.	RT.	INST. OR DOC.	BK. PG.	DATE TYPE	AREA	INST. OR DOC.	BK. PG.	DATE TYPE	
051.494	COUNTY OF CLARK	42.83 AC	42.83 AC		60.801									TOTAL ACQUISITION
051.623	EDUCATORS LAND	33,235	33,235		50,836									TO BE DEEDED TO CITY OF NORTH LAS VEGAS
051.644PE1	UNION PACIFIC RAILROAD	11,614	11,614		12.25 AC									BRIDGE STRUCTURE - TO BE DEEDED TO CLARK COUNTY
051.644TE1	UNION PACIFIC RAILROAD	1,028	1,028											BRIDGE CONSTRUCTION
051.644TE2	UNION PACIFIC RAILROAD	2,416	2,416											BRIDGE CONSTRUCTION
051.661	COUNTY OF CLARK	4.98 AC	4.98 AC											TOTAL ACQUISITION
051.770	STATE OF NEVADA	6,518	6,518		599.85 AC									TO BE DEEDED TO CITY OF NORTH LAS VEGAS
051.787	EDUCATORS LAND	36,231	36,231		5.65 AC									TO BE DEEDED TO CITY OF NORTH LAS VEGAS
051.800TE1	STATE OF NEVADA	11,254	11,254											ROADWAY STRIPING
051.858	NORTH INTERCHANGE HOLDINGS, LLC	11,423	11,423		5.08 AC									TO BE DEEDED TO CITY OF NORTH LAS VEGAS
051.867	NORTH INTERCHANGE HOLDINGS, LLC	47,463	47,463		8.08 AC									TO BE DEEDED TO CITY OF NORTH LAS VEGAS

NRS 408.503 Eminent domain: Resolution by Board; precedence over other legal actions.

1. The Department shall not commence any legal action in eminent domain until the Board adopts a resolution declaring that the public interest and necessity require the acquisition, construction, reconstruction, improvement or completion by the State, acting through the Department, of the highway improvement for which the real property, interests therein or improvements thereon are required, and that the real property, interests therein or improvements thereon described in the resolution are necessary for such improvement.

2. The resolution of the Board is conclusive evidence:

(a) Of the public necessity of such proposed public improvement.

(b) That such real property, interests therein or improvements thereon are necessary therefor.

(c) That such proposed public improvement is planned or located in a manner that will be most compatible with the greatest public good and the least private injury.

3. All legal actions in all courts brought under the provisions of this chapter to enforce the right of eminent domain take precedence over all other causes and actions not involving the public interest, to the end that all such actions, hearings and trials thereon must be quickly heard and determined.

(Added to NRS by 1957, 691; A 1960, 392; 1987, 1810; 1989, 1306)

NRS 241.034 Meeting to consider administrative action against person or acquisition of real property by exercise of power of eminent domain: Written notice required; exception.

1. Except as otherwise provided in subsection 3:
 - (a) A public body shall not consider at a meeting whether to:
 - (1) Take administrative action against a person; or
 - (2) Acquire real property owned by a person by the exercise of the power of eminent domain,
↳ unless the public body has given written notice to that person of the time and place of the meeting.
 - (b) The written notice required pursuant to paragraph (a) must be:
 - (1) Delivered personally to that person at least 5 working days before the meeting; or
 - (2) Sent by certified mail to the last known address of that person at least 21 working days before the meeting.
 - ↳ A public body must receive proof of service of the written notice provided to a person pursuant to this section before the public body may consider a matter set forth in paragraph (a) relating to that person at a meeting.
 2. The written notice provided in this section is in addition to the notice of the meeting provided pursuant to NRS 241.020.
 3. The written notice otherwise required pursuant to this section is not required if:
 - (a) The public body provided written notice to the person pursuant to NRS 241.033 before holding a meeting to consider the character, alleged misconduct, professional competence, or physical or mental health of the person; and
 - (b) The written notice provided pursuant to NRS 241.033 included the informational statement described in paragraph (b) of subsection 2 of that section.
 4. For the purposes of this section, real property shall be deemed to be owned only by the natural person or entity listed in the records of the county in which the real property is located to whom or which tax bills concerning the real property are sent.
- (Added to NRS by 2001, 1835; A 2001 Special Session, 155; 2005, 2247)



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MEMORANDUM

March 29, 2019

TO: Nevada Department of Transportation Board of Directors
FROM: Kristina Swallow, P.E., Director
SUBJECT: April 8, 2019 Transportation Board of Directors Meeting
ITEM #9 Winter Equipment Purchase – *For possible action*

Summary

The NDOT snow blower fleet is aging and struggles to keep up with current need. The units in our fleet are between 17 and 47 years old. A combination of factors have affected our ability to replace these units as recommended in our equipment replacement schedules. We are now reaching a critical point where we recommend immediate replacement of the oldest six units in our fleet in order to maintain minimum service levels during future storms.

We are also recommending procurement of three Class 13 snow plows to replace two Class 13 snow plow trucks and one Class 12 snow plow truck that were permanently taken out of service this year and are beyond repair.

Background

1. Between 2012 and 2016, the Sierra Nevada experienced a severe period of drought. The drought ended with an epic winter in 2016/2017 producing between 200% and 250% of our normal snow pack. This year we are already 150%-200% of normal snow pack. For comparison, during a normal year we should have roughly 13 feet of snow pack on Mount Rose at the beginning of March. We currently have 23' of snow at this location. This year we have experienced 37 days where snow accumulation was greater than one inch. 11 of these days, snow accumulation on Mt Rose was greater than one foot.

NDOT primarily uses snow plows to push snow off the roadway and onto the roadway shoulder. Snow plows typically can plow snow at speeds up to a maximum of 35MPH. Snow removal speeds vary based on roadway conditions. This strategy loses effectiveness as the snow walls on the roadway shoulder rise.

The snow blower is a two stage machine with an auger that scoops up the snow from the roadway surface and feeds it into an impeller which blows the snow out a chute over the snow walls adjacent the roadway. Snow blowers are typically used as the snow plow loses effectiveness pushing and clearing snow from the roadway. This is typically as the snow walls rise above three to four feet tall. The snow blower can blow snow over snow walls as high as 15-20 feet tall. The snow blower typically blows snow while traveling at speeds between two and five miles per hour.

It is common for NDOT to use snow plows during the snow storm to push snow up against the snow wall and then follow with the snow blower to scoop up the snow and blow it over the snow wall.



Figure 1: NDOT Snow Plow on SR431 pushing snow

The NDOT snow blower fleet is aging. This fleet is not as reliable as it once was. We are spending significant resources and are losing utility of the assets because of the time required for repairs. It is common for these units to be down for several days after moderate to heavy use during a single storm. Some components are proprietary and can take several weeks for manufacture and delivery. This significantly reduces our effectiveness when we experience back to back storms like we experienced this year. This season, there were several storm days when more than 50% of our snow blower fleet in District II was down for repairs.

NDOT is proposing that we replace the oldest six rotary snow blowers in the statewide fleet with new snow blowers and that we adjust unit assignments in order to position four new rotary snow blowers on the SR431 (Mt Rose Highway); one new rotary snow blower on US50 (Spooner Summit); and one new rotary snow blower on SR207 (Kingsbury Grade).



Figure 2: NDOT rotary snow blower on SR431

2. During the winter, NDOT lost two Class 13 snow plows due to vehicle crashes. These units are damaged beyond repair and are too old to be replaced through the Nevada Risk Management process. NDOT is requesting approval to purchase two new replacement Class 13 snow plow trucks.
3. During the winter, NDOT took a Class 12 snow plow out of service. This unit has damaged frame rails and is so old, we cannot procure replacement parts. We are requesting approval to purchase one replacement Class 13 snow plow truck.

Fiscal Implications

We estimate the following costs for the requested assets:

1. We estimate a new rotary snow blower to cost roughly \$1.3M. Six new rotary snow blowers should cost roughly \$7.8M.
2. We estimate a new Class 13 Snow Plow truck with the required accessories to cost roughly \$300k. Three new class 13 snow plow trucks should cost roughly \$900k.

Legal Implications

NRS 408.389 states that the Department shall not purchase any equipment which exceeds \$50,000, unless the purchase is first approved by the NDOT Board. The NDOT board is required to consider a cost benefit analysis comparing equipment purchase against an equipment lease and an outside contract to perform the work.

Options

1. Expedite procurement of six new Class 42 rotary snow blowers and three new Class 13 snow plow trucks as requested
2. Expedite procurement of fewer Class 42 rotary snow blowers and/or Class 13 snow plow than requested
3. Enter into long term leases for requested equipment
4. Deny procurement request and continue to use current resource for snow removal effort

Staff Recommendations

Staff recommends expediting procurement of six new rotary snow blowers for an estimated cost of \$7.8M; and procurement of three Class 13 snow plow trucks for an estimated cost of \$900k. This will require a budget augmentation to the NDOT Category 5 Equipment Budget of \$8.7M. Per Statute this request needs to be approved by both the Nevada Transportation Board and the interim Finance Committee

Attachment A

Class 42 Rotary Snow Blower List



Rotary Snow Blower Equipment Class 42

3/5/2019

										* Five Year M&O Statistics (10/2014-02/2019)							
										Work Order Count	Maint Cost	Labor		Part Cost	Commercial Outsource	fuel	
UNIT NO	USING DEPT	YEAR	MAKE	MODEL	LTD METER	ALT FUEL	County	Using Dept Crew	DIST								
0201	C129	1982	OSHK	W7001	2,051	BIO DIESEL	CLARK	MT. CHARLESTON	DIST I	9	\$33,462	357	\$20,702	\$8,559	\$4,201	305	\$546
0202	C271	1976	IDAHO NORL	R28620-CA	13,788	DIESEL	CARSON CITY	US50 (Spooner Summit)	DIST II	8	\$17,522	123	\$7,956	\$1,488	\$8,077	399	\$816
0726	C227	2002	KODIAK	CR35S	976	DIESEL	DOUGLAS	SR207 (Kingsbury Grade)	DIST II	28	\$36,766	306	\$18,421	\$18,345	\$0	333	\$550
0730	C271	2002	KODIAK	CR35S	1,614	DIESEL	STOREY	US50 (Spooner Summit)	DIST II	23	\$64,228	643	\$39,839	\$24,255	\$135	4,621	\$9,691
1588	C271	1975	IDAHO NORL	CAPSH	1,938	DIESEL	WASHOE	US50/SR207 (shared)	DIST II	14	\$19,511	179	\$11,042	\$8,087	\$382	327	\$681
1617	C331	1972	IDAHO NORL	ACC-1002	2,348	DIESEL	ELKO	RUBY VALLEY	DIST III	11	\$23,281	203	\$12,024	\$6,134	\$5,122	1423	\$2,906
1618	C327	1972	IDAHO NORL	ACC-1002	441	DIESEL	ELKO	NORTH FORK	DIST III	5	\$4,090	51	\$3,012	\$1,079	\$0	40	\$78
1773	C250	1996	KODIAK	6060-	1,177	DIESEL	WASHOE	SR431 (Mt Rose Hwy)	EQUIP	47	\$101,981	1,209	\$73,402	\$20,292	\$8,287	7,525	\$15,561
2129	C234	1980	IDAHO NORL	CAPSH	8,143	DIESEL	STOREY	SR341/SR342 - VIRGINIA CITY	EQUIP	11	\$40,416	385	\$22,181	\$5,650	\$12,584	0	\$0
2130	C170	1977	IDAHO NORL	CAPSH	5,996	DIESEL	NYE	TONOPAH MTC CREW 1	DIST I	10	\$2,679	41	\$2,431	\$248	\$0	0	\$0
2545	C250	1999	KODIAK	CR65	17,728	DIESEL	WASHOE	SR431 (Mt Rose Hwy)	EQUIP	55	\$121,469	1,088	\$65,910	\$20,628	\$34,931	7,133	\$15,939
2700	C250	1997	KODIAK	CR400	1,809	DIESEL	WASHOE	SR431 (Mt Rose Hwy)	EQUIP	44	\$76,596	604	\$36,444	\$12,744	\$27,408	5,136	\$11,322
2826	C250	1998	KODIAK	CR65	3,538	DIESEL	WASHOE	SR431 (Mt Rose Hwy)	EQUIP	57	\$69,913	696	\$41,929	\$16,645	\$11,339	7,585	\$14,928

* 2012-2016 were years of extreme drought. 2017 was a record snow year with between 200%-250% of normal snowfall.

Attachment B

Cost Benefit Comparison Analysis

NDOT MOBILE EQUIPMENT REQUEST - COSTS AND BENEFITS ANALYSIS

Date:

3/28/2019

Equipment	Quantity	Price	Total Costs
Class 42 ROTARY PLOW (SNOW BLOWER)	1 Units	\$1,300,000.00	\$1,300,000.00

FUNDING: _____

(1) Costs for Purchasing Equipment, Operating and Maintaining

NDOT EQUIPMENT COSTS - STRAIGHT-LINE DEPRECIATION FOR 8 YEARS AND ESTIMATED MAINTENANCE COSTS:

Task: Operate Class 42

Item	Description	Quantity	Rate	Total Costs
1	Class 42	800 Estimated Hours	\$203.13	\$162,500.00
2	Labor related to the Task (Hwy Maintenance Worker III 29-05)	800 Estimated Hours	\$18.68	\$14,944.00
3	Department Labor Overhead		62.88%	\$9,396.79
	Estimated Average yearly Maintenance Cost of Class 42 (Washoe County)			\$18,498.00
	Estimated Average yearly fuel cost (Washoe County)			\$14,437.00
Total				\$219,775.79

Note: Unit Hourly Rate calculated by dividing purchase price by 8 years worth of annual hours

Average Cost per Hour = \$274.72

(2) Costs for Leasing, Operating and Maintaining

COSTS FOR LEASING THE EQUIPMENT TO DO THE SAME TASK PLUS NDOT MAINTENANCE COST:

Item	Description	Quantity	Rate	Total Costs
1	Class 42	800 Estimated Hours	\$412.91	\$314,600.00
2	Labor related to the Task (Hwy Maintenance Worker III 29-05)	800 Estimated Hours	\$18.68	\$14,944.00
3	Department Labor Overhead		62.88%	\$9,396.79
	Estimated Average yearly Maintenance Cost of Class 42 (Washoe County)			\$18,682.98
	Estimated Average yearly fuel cost (Washoe County)			\$14,437.00
Total				\$372,060.77

Note:

Average Cost per Hour = \$465.08

(3) Costs for CONTRACTING for the performance of the work which would have been performed using the mobile equipment

COSTS FOR CONTRACTING OUT THE TASK:

Item	Description	Quantity	Rate	Total Costs
1	Contractors in the area do not have rotary plows approaching the capacity needed			
2	to keep Northern Nevada mountain passes open.			
3	Need 1,000+ Horse Power Chassis, with 80"+ Diameter Ribbon and low hydrostatic gearing to move 6,000+ tons of snow per hour. No contractors NDOT is aware of have this capability.			
Total				N/A

Note: Without longterm contract to cover intitial equipment costs, equipment rate used may be too low.

Average Cost per Hour = N/A

NDOT MOBILE EQUIPMENT REQUEST - COSTS AND BENEFITS ANALYSIS

Date:

3/28/2019

Equipment	Quantity	Price	Total Costs
Class 13 Tandem Axle Dump with Plow/Sander	1 Units	\$300,000.00	\$300,000.00

FUNDING: _____

(1) Costs for Purchasing Equipment, Operating and Maintaining

NDOT EQUIPMENT COSTS - STRAIGHT-LINE DEPRECIATION FOR 8 YEARS AND ESTIMATED MAINTENANCE COSTS:

Task: Operate Class 13

Item	Description	Quantity	Rate	Total Costs
1	Class 13	800 Estimated Hours	\$46.88	\$37,500.00
2	Labor related to the Task (Hwy Maintenance Worker III 29-05)	800 Estimated Hours	\$18.68	\$14,944.00
3	Department Labor Overhead		62.88%	\$9,396.79
	Estimated Average yearly Maintenance Cost of Class 13			\$10,260.97
	Estimated Average yearly fuel cost (12,000 mi / 12 mpg)			\$2,500.00
Total				\$74,601.76

Note: Unit Hourly Rate calculated by dividing purchase price by 8 years worth of annual hours

Average Cost per Hour = **\$93.25**

(2) Costs for Leasing, Operating and Maintaining

COSTS FOR LEASING THE EQUIPMENT TO DO THE SAME TASK PLUS NDOT MAINTENANCE COST:

Item	Description	Quantity	Rate	Total Costs
1	Class 13	800 Estimated Hours	\$95.29	\$72,600.00
2	Labor related to the Task (Hwy Maintenance Worker III 29-05)	800 Estimated Hours	\$18.68	\$14,944.00
3	Department Labor Overhead		62.88%	\$9,396.79
	Estimated Average yearly Maintenance Cost of Class 13			\$10,260.97
	Estimated Average yearly fuel cost (12,000 mi / 12 mpg)			\$2,500.00
Total				\$109,701.76

Note:

Average Cost per Hour = **\$137.13**

(3) Costs for CONTRACTING for the performance of the work which would have been performed using the mobile equipment

COSTS FOR CONTRACTING OUT THE TASK:

Item	Description	Quantity	Rate	Total Costs
1	Equipment Blue Book Rental Rate for Unit	800 Equipment Hours	\$99.91	\$79,926.00
2	Equipment Operator w/ all benefits (Operating Engineer 1A PW)	800 Man Hours	\$55.07	\$44,058.00
3	Department Contract Administration			
	Procurement and Contract Management	40 Man Hours	\$42.00	\$1,680.00
	Quality Management	40 Man Hours	\$42.00	\$1,680.00
Total				\$127,344.00

Note: Without longterm contract to cover intial equipment costs, equipment rate used may be too low.

Average Cost per Hour = **\$159.18**

Attachment C

NRS 408.389

NRS 408.389 Approval of Board of Directors required for purchase of certain equipment; analysis of costs and benefits of purchase and alternatives. [Effective until the date on which the Director of the Department of Transportation notifies the Governor and the Director of the Legislative Counsel Bureau that sufficient money is available to capitalize and carry out the business of the Nevada State Infrastructure Bank created by [NRS 408.55069](#).]

1. Except as otherwise provided in subsection 2, the Department shall not purchase any equipment which exceeds \$50,000, unless the purchase is first approved by the Board.

2. Before the Board may approve the purchase of any mobile equipment which exceeds \$50,000, the Department shall:

(a) Prepare and present to the Board an analysis of the costs and benefits, including, without limitation, all related personnel costs, that are associated with:

(1) Purchasing, operating and maintaining the same item of equipment;

(2) Leasing, operating and maintaining the same item of mobile equipment; or

(3) Contracting for the performance of the work which would have been performed using the mobile equipment; and

(b) Justify the need for the purchase based on that analysis.

3. The Board shall not:

(a) Delegate to the Director its authority to approve purchases of equipment pursuant to subsection 1; or

(b) Approve any purchase of mobile equipment which exceeds \$50,000 and for which the Department is unable to provide justification pursuant to subsection 2.

(Added to NRS by [1991, 1904](#); A [1993, 1366](#); [2011, 1628](#))



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MEMORANDUM

March 28, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, P.E., Director
SUBJECT: April 8, 2019 Transportation Board of Directors Meeting
Item #10: Old Business

Summary:

This item is to provide follow up and ongoing information brought up at previous Board Meetings.

Analysis:

- a. I-80 East (Vista to USA Parkway) Update - *Informational item only.*
Please see Attachment A.
- b. Project NEON, HOV System Updates and Improvements - *Informational item only.*
Please see Attachment B.

List of Attachments:

- a. I-80 East (Vista to USA Parkway) Update - *Informational item only.*
- b. Project NEON, HOV System Updates and Improvements - *Informational item only.*

Recommendation for Board Action:

Informational item only.



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MEMORANDUM

March 27, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, P.E., Director
SUBJECT: April 8, 2019 Transportation Board of Directors Meeting
Item #10a: I-80 East (Vista to USA Parkway) Update – *Informational item only*

Summary:

This item is a follow up discussion from the December 3, 2018 Board Meeting.

The Lincoln Highway Partners (LHP) submitted an Unsolicited Proposal (UP) for a Public-Private-Partnership (P3) to deliver a design-build-finance-operate-maintain (DBFOM) agreement to improve the I-80 Corridor. The I-80 Corridor UP was received by the Department on August 1, 2018 and was rejected by the Board at the December 3, 2018 Board Meeting due to high costs. The project included freeway widening and other improvements between Vista Blvd. and USA Parkway. The Board recognized the need for the project and requested an evaluation of the project to determine when the project can be advanced.

Background:

The continued growth of the Tahoe-Reno Industrial Center (TRIC) has produced 10,000 jobs to date and it is estimated to produce an additional 50,000 jobs over the next 20 years. Approximately 70% of the traffic traveling to TRIC is being initiating from the Reno/Sparks area and is utilizing the I-80 corridor. The number of crashes has doubled over the last 3 years and congestion is expected to increase as TRIC continues to develop.

The Board recognized the need to enhance traffic safety and increased capacity to the I-80 corridor due to the accelerated growth of the TRIC. The Board requested an evaluation of the project.

Analysis:

The purpose of the evaluation is to determine how the I-80 East Project could advance. The Department had discussions with FHWA and the Pyramid Lake Paiute Tribe to identify the type of environmental document it would pursue. The Department also estimated the time it would take to complete design, right-of-way acquisitions, and construction. As part of the evaluation, the Department was also able to confirm the estimated costs for the project would be \$300-\$400 million. The schedule for the project will depend on the final design and the delivery method chosen.

List of Attachments:

None

Recommendation for Board Action:

Informational item

Prepared by:

Pedro Rodriguez, Senior Project Manager



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MEMORANDUM

March 27, 2019

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, P.E., Director
SUBJECT: April 8, 2019 Transportation Board of Directors Meeting
ITEM #10b: Project Neon, HOV System Updates and Improvements – *Informational item only*

Summary:

This informational item is to present the Board with the HOV additions, operations, and changes that will occur with the completion of Project NEON. The presentation will cover the details of the new HOV system in the Las Vegas Valley including the limits of the HOV system, hours of operations and enforcement, and conversion of the I-15 “Express Lanes” to HOV lanes.

Background:

Project Neon is the largest public works project in Nevada history. Project NEON will widen 3.7 miles of Interstate 15 between Sahara Avenue and the “Spaghetti Bowl” interchange in downtown Las Vegas. It’s currently the busiest stretch of highway in Nevada with 300,000 vehicles daily, or one-tenth of the state population, seeing 25,000 lane changes an hour. Traffic through the corridor is expected to double by 2035.

Project NEON will provide vast upgrades to the HOV system in Southern Nevada. This includes a new HOV direct connect between the existing HOV lanes on US-95 and I-15, and a new HOV Interchange, “NEON Gateway” on I-15 just south of the reconstructed Charleston Interchange. The existing “Express Lanes” along I-15 will be converted to HOV lanes at the completion of this Project. With construction of Project NEON quickly coming to an end, the Department and Kiewit Construction are embarking on a public outreach campaign to inform all commuters in Las Vegas of these new HOV improvements.

List of Attachments:

None

Board Action:

None

Prepared by:

Nick Johnson, Chief of the Project Management Division