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# NEVADA STATEWIDE Rest Area and Rest Stop INITIATIVE

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**Design and Budget Guidelines  
for the  
Nevada Department of Transportation**

June 27, 2014

Prepared by  
GML Architects - LLC  
and  
Lumos & Associates

**NEVADA** A WORLD WITHIN.  
A STATE APART.

## **ACKNOWLEDGMENT**

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**NEVADA STATEWIDE REST AREA INITIATIVE**  
**GML Project No. 817**

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## **INTRODUCTION**

Nevada is known world-wide as a vibrant, diverse and appealing tourism market. Destinations such as Las Vegas and Reno/Lake Tahoe attract visitors to the urban areas, but increasingly both domestic and international travelers seek rural, authentic American experiences. The current rest area program does not meet the needs of travelers in providing safe, hospitable and informational facilities. They also do not convey a world-class brand. The following program provides an opportunity to reimagine the traveler experience through developing facilities that deliver a tremendous customer experience and help ensure safe roadways.

Welcome stations, rest areas and rest stops are important elements of the transportation system. They are NDOT owned facilities within the State Highway System. Because stopping with the right of way is prohibited except for emergency, these facilities provide safe locations for stopping and comfort. They also play a critical role in relation to highway safety, primarily as it relates to combating driver fatigue.

The National Highway Traffic Safety Administration conservatively estimates that 100,000 police-reported crashes each year are the direct result of driver fatigue, resulting in an estimated 1,550 deaths, 71,000 injuries and \$12.5 billion in monetary losses. It is widely recognized that these statistics understate the extent of these types of crashes due to the difficulty in recognizing and accurately reporting fatigue-related crashes.

In addition to their role in traveler safety, these facilities also project an image of Nevada when it comes to Nevada's tourists and travelers. Approximately 29 million non-resident tourists entered Nevada via the state highways in 2012, but the great majority of the state's 53 million visitors travel Nevada's highways and byways.

While historically the urban areas have been the key appeal for visitors, two factors are increasing travel into the rural areas:

- International visitors – international visitors seek an authentic experience. Visitors from Germany, Australia and Canada and increasingly China, Brazil and South Korea, use the urban areas as hubs and travel into the rural areas of the state.
  - 90% of international visitors engage in sightseeing
  - 43% of international visitors visit small towns
  
- Road trippers – Nevada is a drive destination. Road trippers comprise both individual travelers and groups traveling on a motorcoach or other multi-person vehicle. Destination marketers across the state are increasingly marketing to the road trippers with incentives to travel their own state and visit unique attractions outside the cities.

Through AB224, sponsorships of the rest areas was approved by the 77<sup>th</sup> legislature, providing opportunities for Nevada to align its brand with aspiration consumer brands and enhance the educational and visitor service offering found at the facilities.

As visitor information centers, these facilities also serve as welcoming beacons where guests gain a “sense of place” through interpretive displays and technology-driven information. At the new locations, visitors would be greeted by an on-site interpreter, able to download information about the area and the state via a mobile phone or tablet (translated into key international languages), or have local natural, cultural and traveler information offered via kiosks. These informational services, in addition to the sponsored features, electric car charging stations and WiFi, offer Nevada’s travelers facilities that are welcoming and convey a world-class brand.

The facilities are stratified into three types:

- **Welcome Station** – placed in high traffic, high visibility locations – at state borders or near major roadway intersections, urban areas or significant travel destinations. This facility type features an indoor visitor center, restrooms, outdoor interpretive features, WiFi and (potentially) electric vehicle charging stations. These facilities are staffed by learned interpreters during normal business hours, 7-days a week. This facility type also includes mobile interpretive programs as well as printed information materials.
- **Rest Area** – placed in high traffic, high visibility locations. Facilities include inside visitors center, rest rooms, exterior interpretive displays, WiFi, electronic vehicle chargers, etc. Visitor information will be provided via mobile applications and printed materials. No on-site staff.
- **Rest Stop** – placed in rural areas. Facilities include rest rooms, exterior interpretive displays, WiFi (where available). Visitor information available via interpretive displays.

To ensure a cohesive brand look and feel, the welcome centers, rest areas and rest stops will reflect one design, with differences in the construction materials (to match the materials found in each sector of the state) and site planning – ensuring the building takes best advantage of the surrounding environment.

NDOT has made the commitment that landscaping and aesthetics become an important component when designing and constructing project to ensure our highway system is an integral part of the community. All architecture and landscaping would offer a consistent look and feel, ensuring travelers knew and “official state-run center” while traveling within Nevada. The centers also would be designed to convey the essence of Nevada’s statewide brand, Nevada: A World Within. A State Apart.

Lastly, these facilities serve an important role as truck staging areas for the commercial trucking industry. With an increasing emphasis on “just-in-time” delivery practices, commercial truck drivers often utilize rest area facilities outside urbanized areas to await the opening of a warehouse or business to which they are delivering.

The collaboration doesn’t stop with a Department of Transportation/Department of Tourism and Cultural Affairs partnership, interpretation of the natural, cultural and traveler resources would include involvement from the Department of Wildlife, Department of Agriculture, Department of Conservation and Department of Education. All interpretive components will be crafted by the Division of Museums and History and carefully reviewed by all appropriate agencies and stakeholders.

This multi-agency partnership would create rest areas that serve the traveling public and help market the state of Nevada to an extent delivered by no other state. Nevada's rest areas would go from being a source of complaints to a program that enhances statewide pride, fosters appreciation for the state's natural and historical resources, promotes the state to domestic and international visitors, and conveys the state's position as an innovative thought leader.

## **SUMMARY**

Highway roadside rest areas came into being in 1938 as a part of the Federal Highway Aid Act. Increased attention to and nationwide construction of rest areas came with the passage of the Interstate Highway Act of 1956, establishment of the Highway Trust Fund in 1956, and the Highway Beautification Act of 1965. Nevada's Rest Area System was primarily developed at the same time Nevada's highway system was constructed. The oldest currently operating rest area was constructed in 1967 along US Highway 93, at the southern end of Boulder City. The newest facility was completed in 2013, along US Highway 95, near Searchlight. The average age of the entire current system is approximately 37 years old.

NDOT's rest facility system currently includes thirty-six facilities as follows:

- Three welcome stations
- Twenty-six rest areas
- Seven rest stops

## **CURRENT CONDITIONS**

Of the thirty-six rest areas, welcome centers and rest stop facilities currently in operation, five are considered new facilities (less than ten years old). Of the remaining thirty-one facilities, seventeen are over thirty years old and the balance are an average age of thirty-seven years old.

Although most of the facilities are fully functional (currently one rest area is closed), the general condition of these facilities is deteriorating and the appearance of the older facilities range from fair to poor.

The current facility replacement deficiency includes site and building deficiencies resulting from an aging infrastructure and increased needs for capacity to accommodate the higher demand of today's travelers.

## **THE PURPOSE OF THE REPORT**

The purpose of this report is to develop conceptual design guidelines from which construction budgets for the projects can be planned and established utilizing this document and the "**Landscape and Aesthetics Corridor Plan**" developed in 2008.

Two conceptual ideas have been developed around two service area assumptions – the **Limited Service Rest Stop** and the **Full Service Rest Area and Visitors Center**.

Section 3 reviews the two conceptual design options for the Full Service Rest Area and Section 4 reviews the two conceptual design options for the Limited Service Rest Stop.

Each of the design options were developed only to aid in estimating a base construction budget.

Section 5 identifies the potential Staffing Plan.

### ***PURPOSE OF DESIGN GUIDELINES***

Design Guidelines provide the framework for improving the aesthetics of existing and new Rest Areas and Rest Stops. They are written statements of recommended methods to meet the roadway segment design objectives and work in conjunction with the “Landscape and Aesthetics Corridor Plan” with graphic representations. They represent recommendations for design solutions.

Guidelines assist in the development of design. Adherence to the guidelines in planning, design, and operations accomplishes the following goals:

- Incorporating Nevada’s world-class tourism brand “A World Within. A State Apart.”
- Creating consistency in artwork, interpretive displays, and historic features.
- Creating visual unity among all highway structures and facilities.
- Selecting finishes, color palettes, and surface patterns that are compatible with the surrounding landscape.
- Incorporating art motifs and media that represent the design segment themes.
- Incorporating interpretive display centers to present and highlight local features, where guests could gain a “sense of place”.
- Interpreting the design themes of each landscape design.

### ***HOW TO USE THE DESIGN GUIDELINES***

NDOT and the Project Design Team will identify if the project is to be categorized as a “**Full Service Rest Area**” or a “**Limited Service Rest Stop**”.

From that point, one of the three conceptual design directions shall be identified for that project and the area where the project is located shall be determined. The amenities and alternatives shall be reviewed to identify what will be included in the project, together with the project budget.

The Design Team, including NDOT staff, the Nevada Council of Tourism and Cultural Affairs, the Division of Museums and History, the Architects, Engineers, Landscape Architects and other specialty consultants will be encouraged to:

1. Become familiar with the “Landscape and Aesthetics Corridor Plan” Design Guidelines which are divided into six sections. The Design Team should be familiar with each section.
2. Become familiar with the “Landscape and Aesthetics Corridor Plan” design guidelines for the design segment in which a project is located. The Corridor Plan breaks out the State into six different regions.
3. Understand the site context. The historical or natural features and the landscape surrounding the proposed project – including predominant materials, colors, and structures, as well as natural and cultural resources and social elements.
4. Involve others early in the planning/design process to develop programming Design Guidelines for the project site, including the architectural theme, the branding concept for the artwork, the interpretive center, and other related features.

The Design Team will utilize this Report, together with the “**Landscape and Aesthetics Corridor Plan**” to create the project design program and the conceptual design which shall reflect the local setting.

The design shall take into account the local viewpoints, points of interest, historical features and branding for the setting.

The design shall reflect the Nevada branding “***A World Within. A State Apart***”. The branding shall consist of artwork and interpretive displays reflecting Nevada’s unique heritage.

The interpretive displays and artwork shall support Nevada’s unique roadway design segment themes and colors, which are highlighted below and defined in the Central US 95, West US6, and Central US 50 “Landscape and Aesthetics Corridor Plan”.

***Mojave Desert Vista***

- Death Valley
- Dry Lakes
- Joshua Tree Forests
- Outdoor Recreation
- Native American Heritage
- Mining
- Mountain Views
- Amargosa Toad
- Sand Dunes
- Railroad
- Ghost Towns

***Silver Legends***

- Mining
- Wildlife
- Sand Dunes
- Outdoor Recreation
- Birding
- Walker River
- Walker Lake
- Patriotism
- Railroad
- Subtle Gateway Marking the Arrival to Nevada

***Great Basin Oasis***

- Outdoor Recreation
- Agriculture
- Native American Heritage
- Birding
- Wildlife Management Areas
- Mining
- Lahontan Reservoir
- Newlands Project
- Fort Churchill
- Scenic Views

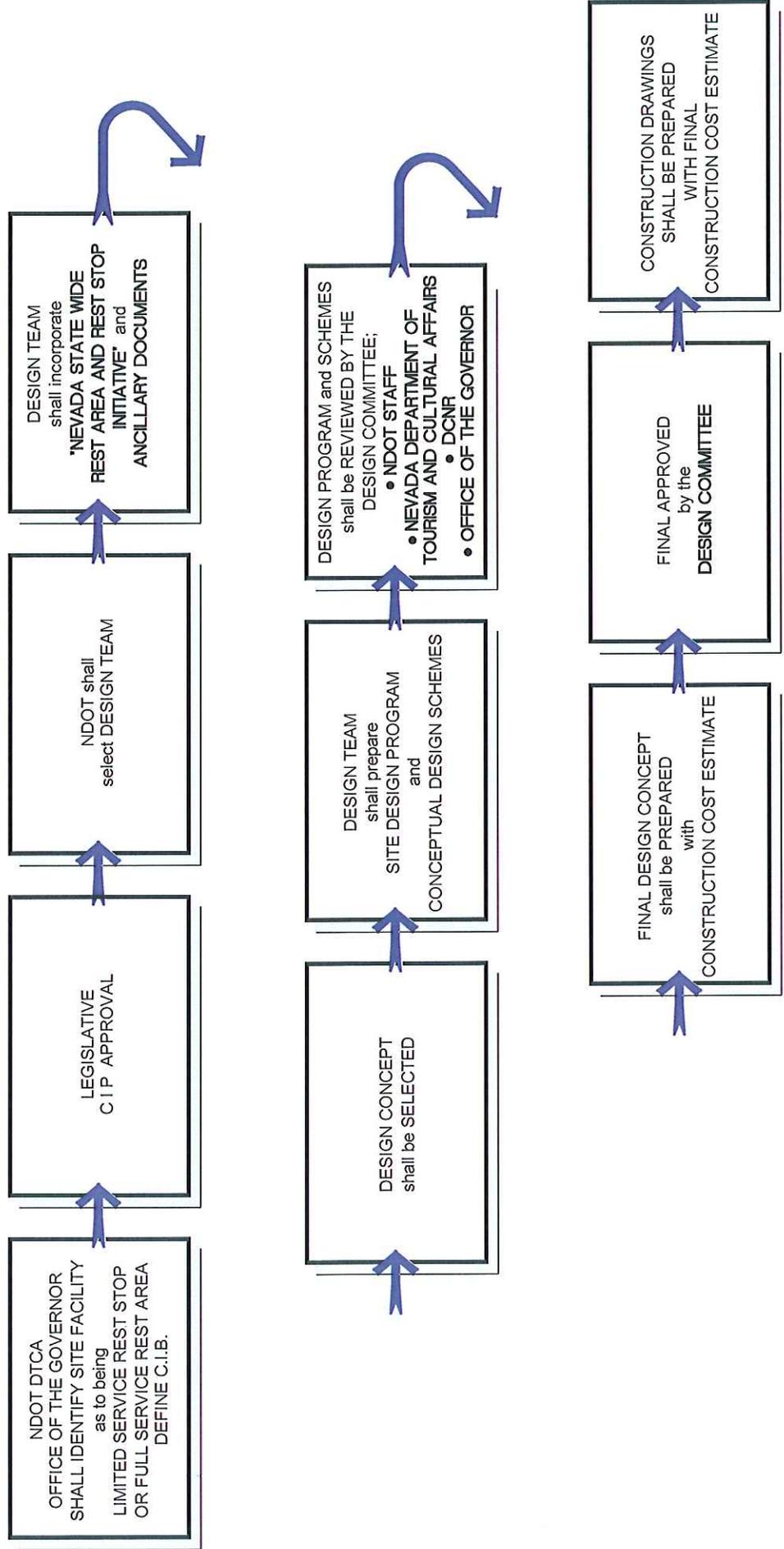
***Pony Express Passage***

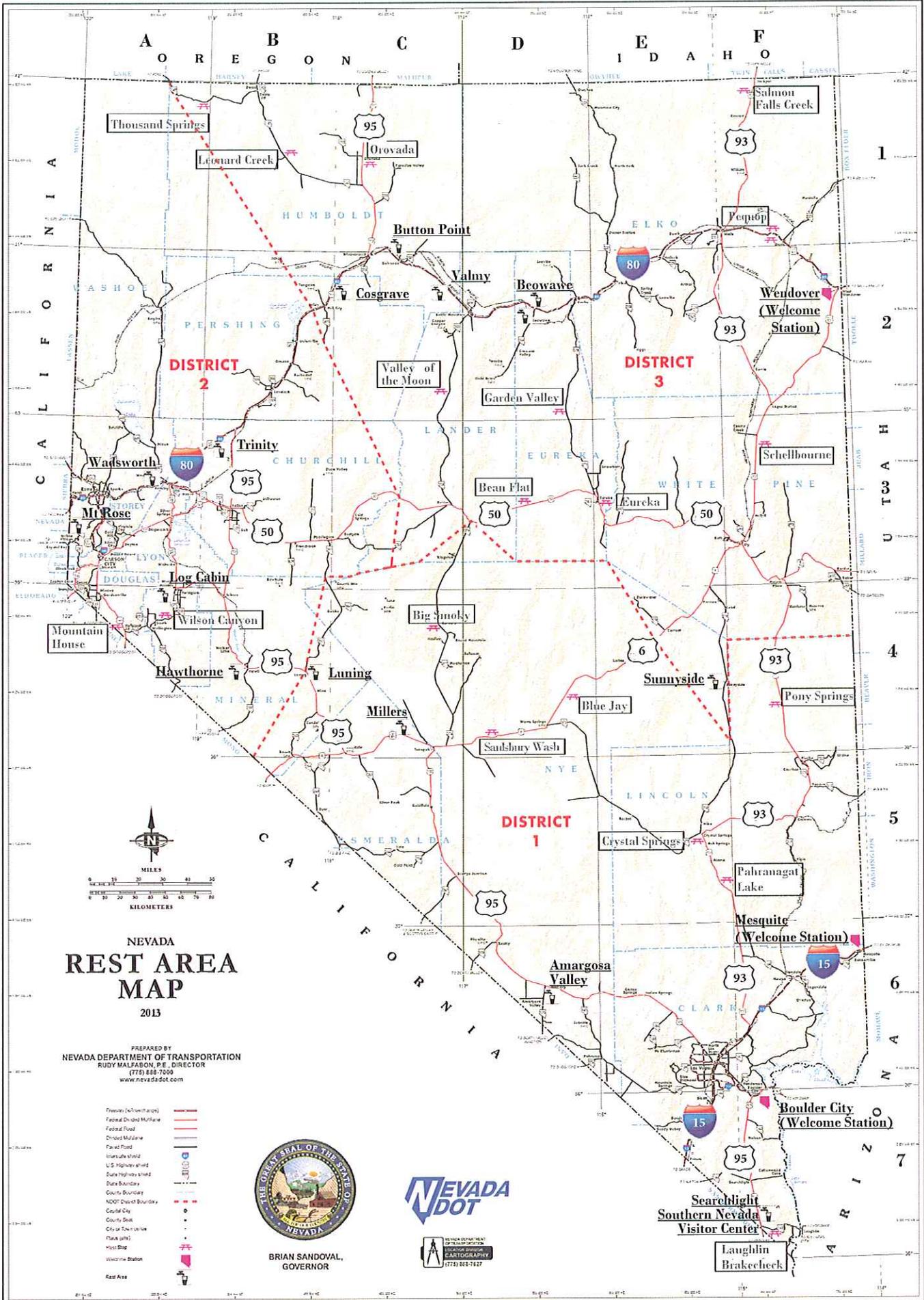
- Outdoor Recreation
- Pony Express
- Ranching
- Native American Heritage
- Sand Dunes
- Geology
- Scenic Views

The Design Team will review the Rest Area and Rest Stop Initiative Report and the Landscape and Aesthetics Corridor Plan. The Design Team will develop the facility conceptual design based on the design program parameters outlined. The program will outline the facility requirements, design style, interpretive opportunities, and the artwork to be utilized.

The Design Committee shall be made up of members of NDOT's staff, representatives of the Nevada Department of Tourism and Cultural Affairs, and representatives of the Nevada Division of Museums and History.

# PROJECT DESIGN PROCESS





NEVADA  
**REST AREA  
 MAP**  
 2013

PREPARED BY  
 NEVADA DEPARTMENT OF TRANSPORTATION  
 RUDY MALFASON, P.E., DIRECTOR  
 (775) 888-7000  
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- Federal (N-Trip Change)
- Federal Divided Multi-lane
- Federal Road
- Divided Multi-lane
- Paved Road
- Interstate
- U.S. Highway
- State Highway
- County Boundary
- NDOT District Boundary
- Capital City
- County Seat
- City or Town Center
- Peak (ft)
- Rest Stop
- Welcome Station
- Rest Area



BRIAN SANDOVAL,  
 GOVERNOR



Searchlight  
 Southern Nevada  
 Visitor Center

Laughlin  
 Brakecheck

# WELCOME STATIONS

## REST AREAS

## REST STOPS



	MAP LOCATION	WIRELESS INTERNET	ELECTRIC CHARGING STATION	PICNIC TABLES	LITTER BARRELS	RUNNING WATER	TELEPHONE	FLUSH TOILETS	VAULT TOILETS	R.V. DUMP STATION	TRUCK PARKING SPACES	A.D.A. ACCESS
<b>BOULDER CITY</b> (Welcome Station)	F-7	■		■	■	■	■	■			16	■
<b>MESQUITE</b> (Welcome Station)	F-6	■			■	■	■	■				■
<b>WENDOVER</b> (Welcome Station)	F-2	■			■			■				■
<b>SOUTHERN NEVADA VISITOR CENTER</b>	F-7			■	■	■		■			30	■
<b>AMARGOSA VALLEY</b>	D-6			■	■	■		■			15	■
<b>BEOVAWE</b>	D-2			■	■	■		■		■	10	■
<b>BUTTON POINT</b>	C-1			■	■	■	■	■		■	13	■
<b>COSGRAVE</b>	C-2			■	■	■	■	■		■	50	■
<b>HAWTHORNE</b>	B-4			■	■	■		■				■
<b>LOG CABIN</b>	A-4			■	■	■		■		■	2	■
<b>LUNING</b>	B-4			■	■	■		■			6	■
<b>MILLERS</b>	C-4			■	■	■		■		■	5	■
<b>MT. ROSE SUMMIT</b>	A-3			■	■	■		■				■
<b>SUNNYSIDE</b>	E-4			■	■	■		■			13	■
<b>TRINITY</b>	B-3			■	■	■		■			14	■
<b>VALMY</b>	C-2			■	■	■	■	■		■	28	■
<b>WADSWORTH</b> (westbound only)	A-3	■		■	■	■	■	■		■	5	■
<b>BEAN FLAT</b>	D-3			■	■				■		15	
<b>BIG SMOKY</b>	C-4			■	■	■			■		2	
<b>BLUE JAY</b>	D-4			■	■	■			■		3	
<b>CRYSTAL SPRINGS</b>	E-5			■	■				■		8	
<b>EUREKA</b>	E-3			■	■				■		4	
<b>GARDEN VALLEY</b>	D-2			■	■				■		5	■
<b>LAUGHLIN BRAKE CHECK</b>	F-7			■	■				■		6	■
<b>LEONARD CREEK</b>	B-1			■	■				■		8	■
<b>MOUNTAIN HOUSE</b>	A-4			■					■		3	
<b>OROVADA</b>	C-1			■	■				■		12	■
<b>PAHRANAGAT LAKE</b>	E-5			■	■				■		3	
<b>PEQUOP</b>	F-1			■	■				■		12	
<b>PONY SPRINGS</b>	F-4			■	■				■		4	
<b>SALMON FALLS CREEK</b>	F-1			■	■				■			■
<b>SAULSBURY WASH</b>	D-4			■	■				■		8	
<b>SHELLBOURNE</b>	F-3			■	■				■		10	■
<b>THOUSANDS SPRINGS</b>	A-1			■	■				■		2	■
<b>VALLEY OF THE MOON</b>	C-2			■	■		■		■		10	■
<b>WILSON CANYON</b>	A-4			■	■				■			

## ***FULL SERVICE REST AREAS***

### ***Description:***

Full Service Rest Areas are typically located at 60 mile intervals throughout the state and are usually situated outside of developed areas. They feature fully-operable facilities in combination with interpretive information on regionally significant cultural and historical sites. Full Service Rest Areas also provide travelers with picnic facilities and include children's play areas and pet areas.

### ***Program Elements:***

- Regional interpretive signage
- Running water and flushing toilets
- Emergency call box and telephones
- Drinking fountains/drinking water
- Vending machine services (at manned sites)
- ADA accessible
- Picnic tables and shade structures
- Trash containers
- Bicycle storage units
- Recreational vehicle dump stations
- Paved car and recreational vehicle parking
- Paved truck parking
- Children's play area
- Pet rest facilities
- Interior and exterior lighting
- Adequate advance signage
- Internal directional signage
- Shade canopy (vegetation or structure)
- Local community information (State map), displays and exhibits
- Interpretive signing, displays, trails, exhibits
- Telescopes/viewfinders
- Artwork
- Wireless internet service
- Charging stations

### ***Landscape Treatment:***

- Regionally adapted landscape type
- Focal hardscape type

***Alternatives or Amenities:***

Facility features play an important role in merging the need to provide a facility that emphasizes the safety aspects of moving people and goods with showcasing the unique identity and character of Nevada's diverse culture, environment and activities. The following are features, grouped by facility type that could be incorporated into existing and future highway rest facilities:

Additional features that may be provided include:

- Family style restrooms
- Vending machines
- Designated pet exercise area
- On-site maintenance personnel
- Pay telephones
- Separate truck and automobile parking areas
- Sculptures or other artwork
- Playground equipment/exercise stations
- Vending machines
- Trained interpreters
- Statewide, regional, and local tourist, and historical information as a fixed display or brochure
- Separate truck and automobile parking areas
- Family style restrooms
- Designated pet exercise area
- On-site janitorial services
- Interior computer kiosks

***New Features:***

Of the many features that are available to use at highway rest facilities, the following three were seen as having the greatest potential for positive impact if implemented as standard features at Nevada highway rest facilities.

It is recommended that the following features be incorporated into highway rest facilities.

A brief summary of these features is included below.

1. Wireless Internet

Many states are offering wireless internet access at their rest areas and visitor/welcome center facilities for use by the public. NDOT is currently offering this service at the following locations: Wendover, Boulder City, Mesquite and Wadsworth. The number of monthly users varies between 108 and 2212.

This service provides motorists with free access to such items as road maps, weather and road condition information, tourist information, and travel and safety tips.

The primary purpose of the feature is to make real time traveler information available to the motoring public free of charge and in a manner that encourages drivers to make regular stops and return to the road rested and more alert.

These features also provide additional opportunities for such items as video surveillance as well as upload and download capabilities for maintenance personnel, highway patrol officers, and other official purposes.

2. Electric Vehicle Charging Stations

As plug-in hybrid electric vehicles and battery electric vehicle ownership is expanding, there is a growing need for widely distributed publicly accessible charging stations.

3. Interpretative Displays and Related Information

In keeping with the Department Landscape and Aesthetics Master Plan and Landscape and Aesthetic Corridor Plans, there is a wealth of information that is well suited for distribution at highway rest facilities. Interpretive displays could feature an area's culture, environment, geology, history, industry, plants, wildlife, or nearby points of interest.

The displays could be combined with activities that provide motorists with an opportunity to obtain a firsthand look at nature. The activities could feature a demonstration project related to solar power, wind power, alternate water and wastewater treatment or disposal methods.

## **CONCEPT OPTION 1 – THE ARCH**

One of the most prevalent natural, architectural and design formations in Nevada is the Arch. From the Reno Arch to the Hoover Dam, the curved ribbons of stone in Valley of Fire to the Bellagio resort and the Nevada Wolf Pack logo, the arch is synonymous with Nevada's sweeping land- and cityscapes.

The Arch also is an important symbol of strength and sustainability. The Nevada Department of Transportation uses arches in its designs to create stunning visual interest and fortify bridges and raised roadways.

Just as the arch is found throughout the state as a component of strength and beauty, the arch design in the rest area facilities creates a solid yet soaring homage to the Nevada landscape.

The materials of the Arch design are organic and regional, incorporating locally sourced stone and metals. The concept introduces a combination of metal and stone, rustic and contemporary, solid rock columns and large, sun soaked windows celebrating the duality of Nevada's natural environment.

The Welcome Station and Rest Area will include an interior space that maximizes the site, with the building positioned to showcase the landscape. The back wall of windows and clerestory ceiling windows bathe the interior in light and create a welcoming tone. The Welcome Station staffed area offers visitors an easily accessible information area where they can interact with expert interpreters and local guides.

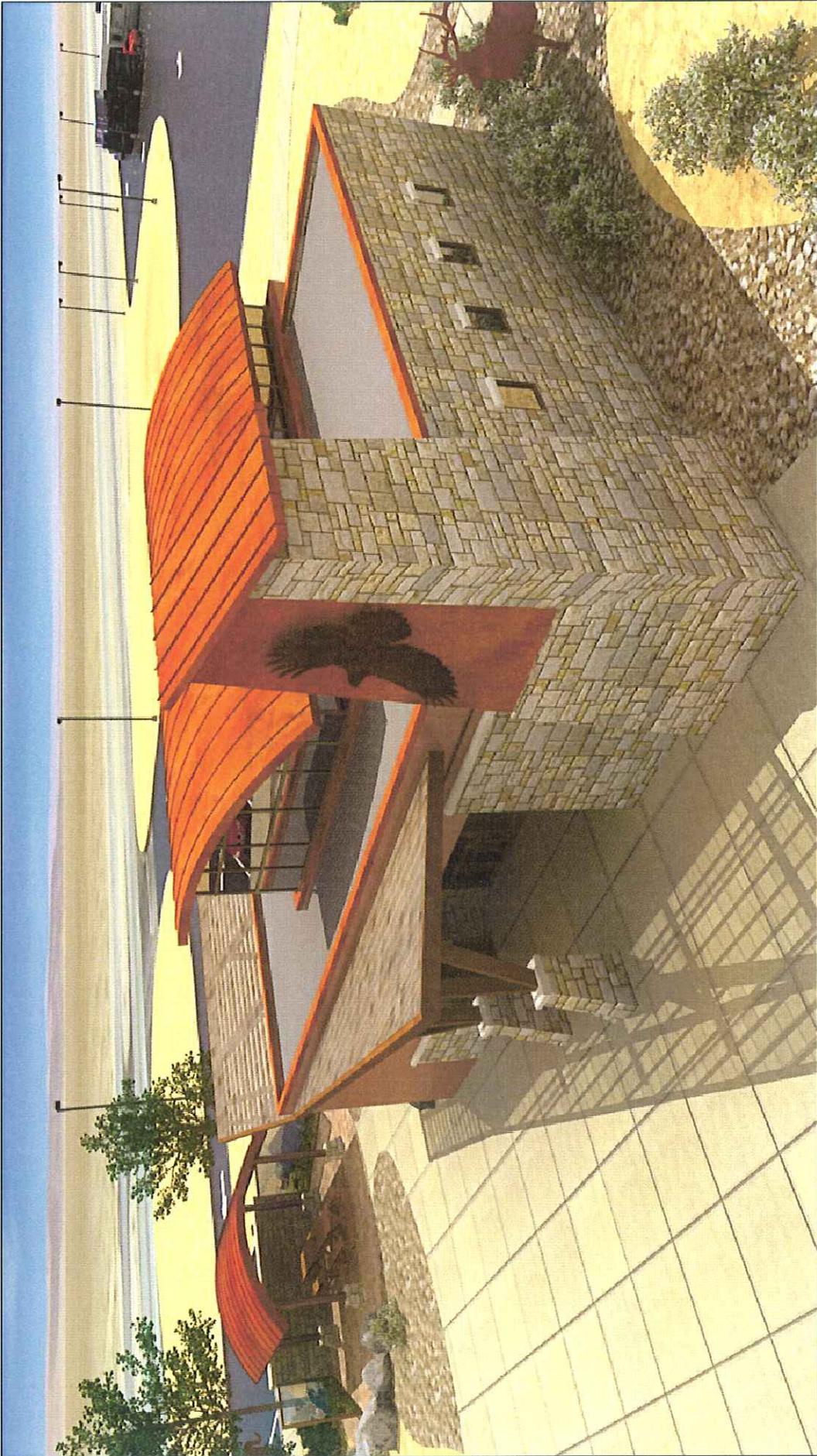
Whether a Welcome Station, Rest Area or Rest Stop, the site will be enhanced with landscaping that helps create a sense of place, incorporating local natural materials and vegetation. Metal sculptures depicting Nevada wildlife and screen images of Nevada industry (agriculture, mining, etc. as it pertains to the locality in which the site is located) will create a visually appealing interpretive experience.

The Rest Stop design will vary slightly from the others due to the need for the small pit toilets structure. The arch design will not support this type of build, requiring the pit toilet building to have a pitched roof. The design will integrate with the other properties and convey the Nevada brand through the use of the same materials, arched roofs on the picnic area and consistent landscaping design.



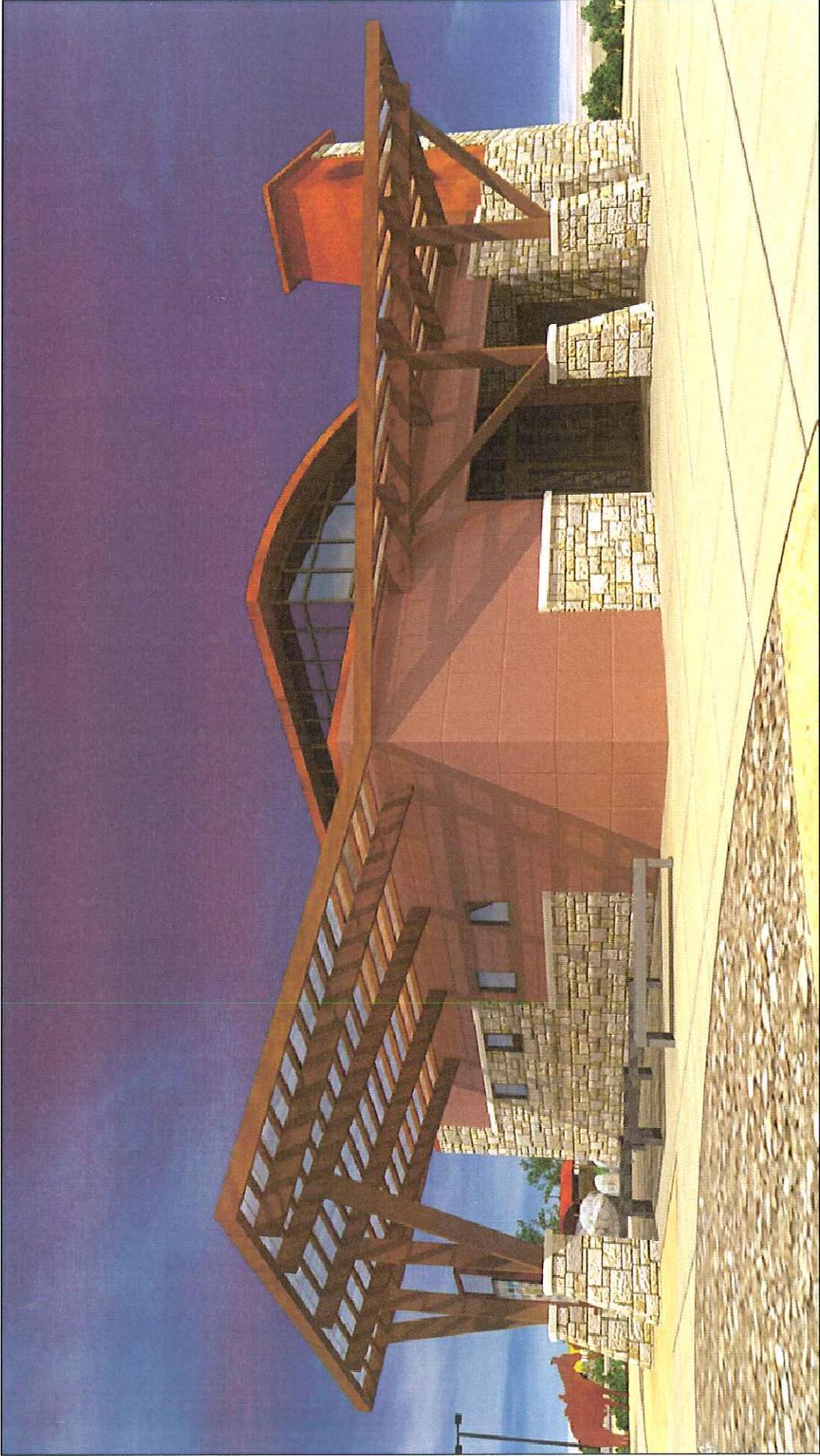
**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



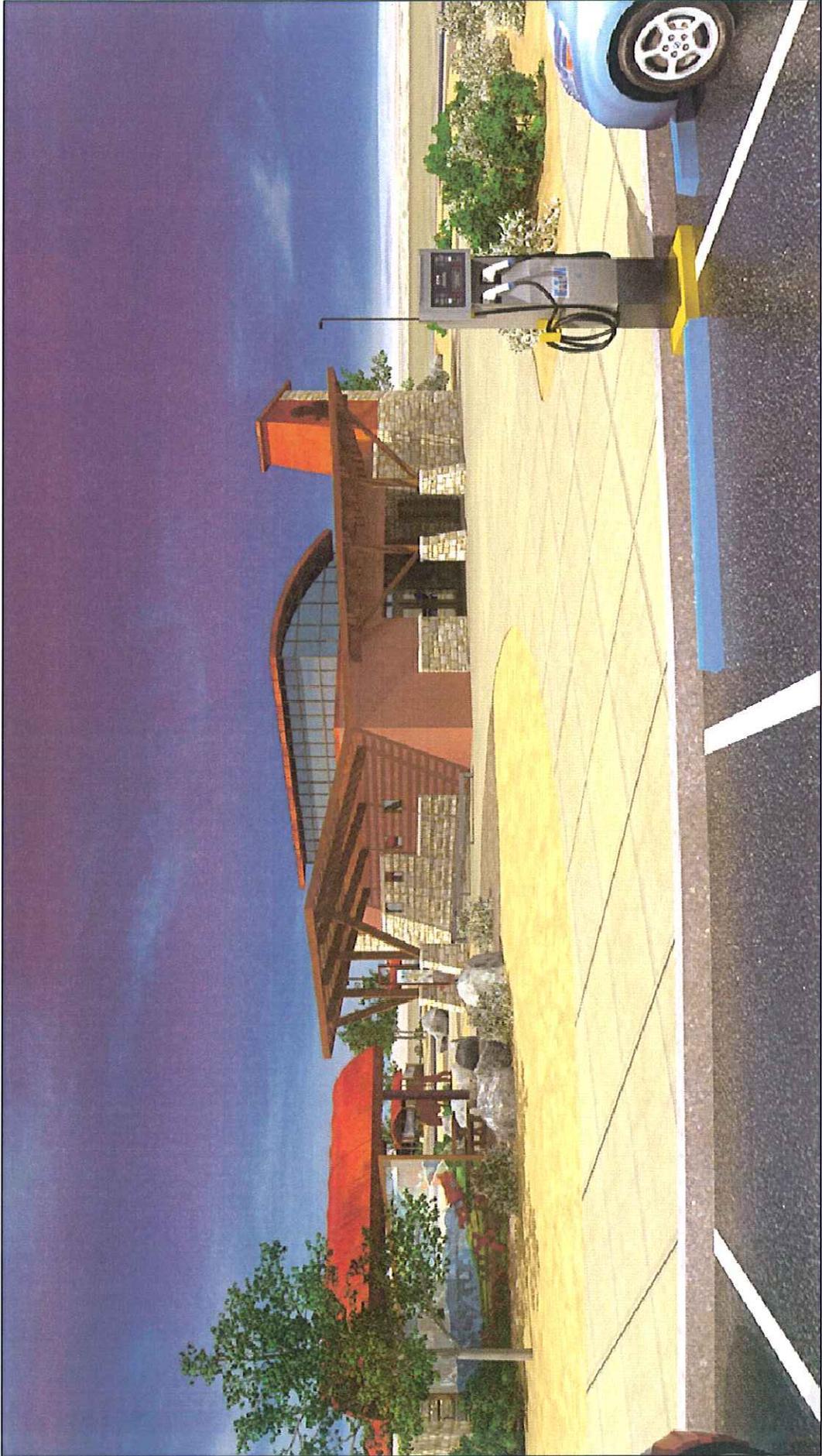
**NEVADA** A WORLD WITHIN  
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Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



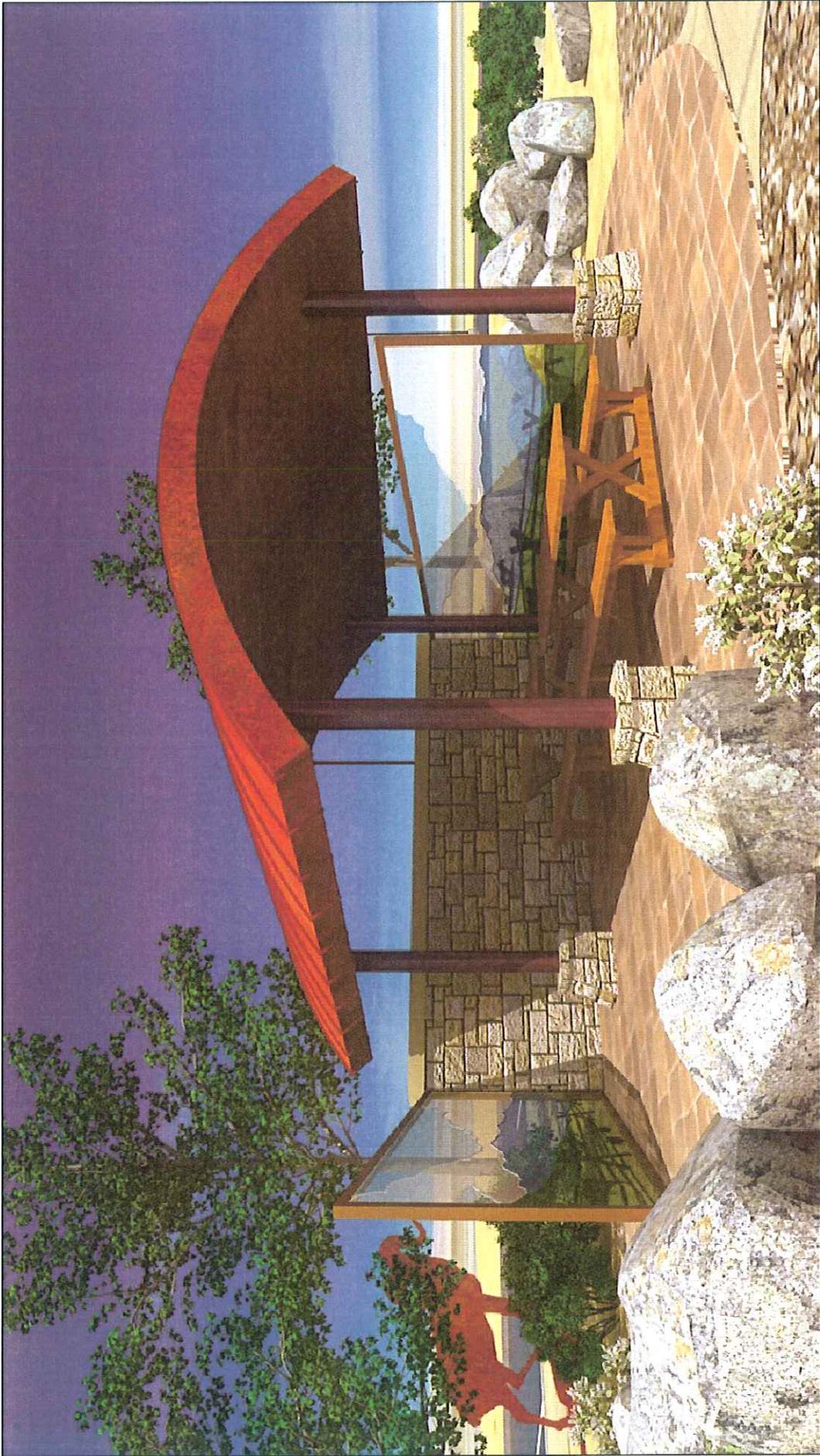
**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1



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Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 1

**NDOT**  
**REST AREA INITIATIVE**  
**Full Service Rest Area**  
**Concept Option No. 1**  
Estimate of Probable Construction Cost

6/27/2014

Division of Work			Totals
Architectural / Engineering			3,118,541.74
<u>Discipline Breakdown</u>			
Civil /Landscaping	1,271,731.50		
Architectural	330,429.70		
Graphics:			
Interpretive Displays			
Artwork / Panels			
Monument Sign			
Misc. Signage	337,370.00		
Structural	772,660.54		
Mechanical / Plumbing	216,800.00		
Electrical	189,550.00		
Subtotal	3,118,541.74		3,118,541.74
Div. 1	General Conditions	12%	374,225.01
<b>Sub-Total</b>			<b>3,492,766.75</b>
	Remote Location	8%	249,483.34
<b>Sub-Total</b>			<b>3,742,250.09</b>
	Overhead and Profit	15%	523,915.01
<b>Total</b>			<b>4,266,165.10</b>
<b>Additional Cost:</b>			
Annual Maintenance Cost			30,000.00
Annual Janitorial Cost			70,000.00
<b>Total</b>			<b>100,000.00</b>

## Summary

<b>CSI No.</b>	<b>CSI Name</b>	<b>Totals</b>
Div. 1	General Conditions	refer to totals
Div. 2	Sitework	1,271,731.50
Div. 3	Concrete	141,300.00
Div. 4	Masonry	285,680.00
Div. 5	Metals	345,680.54
Div. 6	Wood and Plastics	1,179.76
Div. 7	Thermal and Moisture Protection	148,432.30
Div. 8	Doors and Windows	66,765.00
Div. 9	Finishes	39,238.00
Div. 10	Specialties	21,479.00
Div. 11	Equipment	53,335.64
Div. 12	Furnishings	0.00
Div. 13	Special Construction	337,370.00
Div. 14	Conveying Systems	0.00
Div. 15	Mechanical / Plumbing	216,800.00
Div. 16	Electrical	189,550.00
<b>Div. 2-14</b>	<b>Subtotal</b>	<b>3,118,541.74</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
02001	Excavation, Fill & Grading	Excavation, Fill & Grading	4555	CY	8.00	36,440.00
02001	Excavation, Fill & Grading	Clear grub,brush, disposal	246000	SF	0.10	24,600.00
02002	Roadway Excavation & Fill	Rdwy cut & Fill	60	CY	8.00	480.00
02400	Well Points	Well punch	1	LS	50000.00	50,000.00
02600	General Site Work	Asphaltic 2". on 6" base	155500	SF	3.96	615,780.00
02600	Specialties	Striping 4" wide	4780	LF	0.74	3,537.20
02600	Sidewalks Concrete	Concrete walk 4" broom finish	17000	SF	5.28	89,760.00
02600	Septic system & leach	Septic system & leach	1	LS	25000.00	25,000.00
02600	Curbs and Gutters	Curb/gutter	1465	LF	19.98	29,270.70
02600	Wood Fencing	4'-0" Split rail fencing	2400	LF	20.00	48,000.00
02600	Drainage Pipe	18" corrugated pipe	200	LF	35.00	7,000.00
02600	Decomposed granite	Pathways	4700	SF	2.00	9,400.00
02600	Rock cobble	Swales & drainage ponds	300	T	100.00	30,000.00
02700	Metal Fencing	Double leaf gates	2	EA	1031.80	2,063.60
027601	Landscaping	Grnd cover,trees,shrubs	86000	SF	2.50	215,000.00
027601	Erosion control	Outer Areas	102000	SF	0.50	51,000.00
027601	Irrigation system	Landscaping	86000	SF	0.40	34,400.00
<b>Div. 2</b>	<b>Sitework Sub Total</b>					<b>1,271,731.50</b>
03050	Foundation	Foundation / Stem walls				
03050	Slabs Structural	SOG,reinf.,gravel,vapor barrier				
03080	Excavation Footings	Foundation structural	4710	SF	30.00	141,300.00
<b>Div. 3</b>	<b>Concrete Sub Total</b>					<b>141,300.00</b>
04200	Concrete masonry unit	CMU 8x8x16	3400	SF	30.00	102,000.00
04300	Architectural stonework	Stone veneer assembly	5600	SF	32.80	183,680.00
<b>Div. 4</b>	<b>Masonry Sub Total</b>					<b>285,680.00</b>
06140	Sheathing wall	Wall 5/8" C-D ext.	0	SF	3.61	0.00
06140	Sheathing roof	Roof 5/8" C-D ext.	2438	SF	2.33	5,680.54
05100	Structural Steel	Steel-trusses/columns deck/anchors/misc. steel	6800	SF	50.00	340,000.00
<b>Div. 5</b>	<b>Metals Sub Total</b>					<b>345,680.54</b>
06110	Carpentry	2x8 Parapet Wood Nailer	0	LF	4.45	0.00
061302	Insulation Board	Foundation	280	SF	1.52	425.60
061501	Wood Treating	Termite Treatment	2	MBF	377.08	754.16
06200	Soffit, Hardboard	Soffit Hardiplank	0	SF	4.72	0.00
06200	Siding, Hardboard	Siding Hardiplank	0	SF	4.72	0.00
<b>Div. 6</b>	<b>Wood and Plastics Sub Total</b>					<b>1,179.76</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
07200	Insulation Board Deck	Insulation board deck 5"	1200	SF	7.38	8,856.00
07220	Roof and Deck Insul.	Dens Deck	1200	SF	1.80	2,160.00
07300	Membrane Roofing	Single Ply (F.H) /Parapet	1400	SF	5.16	7,224.00
07300	Membrane Roofing	Roof Walk	300	SF	2.80	840.00
07301	Sheet Metal Roofing	Prefinished Roof Panels	6700	SF	14.75	98,825.00
07301	Sheet Metal Roofing	Prefinished Wall Panels	0	SF	9.87	0.00
07620	Sheet Metal Roofing	Prefinished Fascia Panels	1234	SF	8.50	10,489.00
07301	Corrugated Roofing	Opaque Roof Panels	1200	SF	6.27	7,524.00
07600	Sheet Metal Flashing	Coping	260	LF	8.50	2,210.00
07620	Sheet Metal Flashing	Misc. Flashing and S.M.	1	LS	2500.00	2,500.00
07620	Sheet Metal Flashing	Reglet/Counterflash	260	LF	3.75	975.00
07620	Roofing Accessories	Ice and Water Shield	2438	SF	2.35	5,729.30
07900	Sealants	Caulking and Sealants	2	LS	550.00	1,100.00
<b>Div. 7</b>	<b>Thermal and Moisture Protection Sub Total</b>					<b>148,432.30</b>
08110	Alum. Storefront	Exterior Alum. Storefront	480	SF	32.00	15,360.00
08100	HM 16 gauge Door	3070 HM Doors	3	EA	365.71	1,097.13
08100	HM frames 16 gauge	HM Ext. Window Frames	1345	LF	14.50	19,502.50
08100	HM frames 16 gauge	3070 HM Frames	3	EA	182.71	548.13
08700	Finish Hardware	Finish Hardware - Single	4	EA	455.81	1,823.24
08800	Glazing	Insulated glass	1050	SF	27.08	28,434.00
<b>Div. 8</b>	<b>Doors and Windows Sub Total</b>					<b>66,765.00</b>
09200	Studs metal 16"o.c.	6" 20 gauge stud	850	SF	6.69	5,686.50
09200	Gypsum Board	5/8" Gypsum Board Walls	2500	SF	2.14	5,350.00
09140	Plaster & lath	Plaster & lath system	350	SY	47.30	16,555.00
09800	Interior painting	Paint c-g-p interior	2500	SF	0.85	2,125.00
09800	Exterior painting	Paint concrete/wood	0	SF	1.24	0.00
09800	Exterior painting	Paint Open to Structure	2438	SF	1.75	4,266.50
09800	Painting	Paint/Stain Doors/Frames	3	EA	85.00	255.00
09800	Painting	Miscellaneous Painting	1	LS	5000.00	5,000.00
09800	Painting	Sealant for Masonry Units	0	SF	0.56	0.00
<b>Div. 9</b>	<b>Finishes Sub Total</b>					<b>39,238.00</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
10155	Toilet Compartments	Toilet Partitions	7	EA	875.40	6,127.80
10155	Toilet Compartments	Urinal Screens	2	EA	276.35	552.70
10520	Fire Protection Spec.	Fire Extinguisher/Cabinet	1	EA	246.50	246.50
10500	Flag pole w/ foundation	Alum.60'	1	EA	11155.90	11,155.90
10500	Directories	Alum.glass 24"x36"	0	EA	1206.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 36"	2	EA	72.91	145.82
10800	Toilet and Bath Acces.	Grab Bar 42"	2	EA	81.11	162.22
10800	Toilet and Bath Acces.	Grab Bar 18"	2	EA	58.45	116.90
10800	Toilet and Bath Acces.	Seat Cover Dispenser	7	EA	73.50	514.50
10800	Toilet and Bath Acces.	Toilet Paper Holder	7	EA	67.98	475.86
10800	Toilet and Bath Acces.	Soap Dispenser	4	EA	77.97	311.88
10800	Toilet and Bath Acces.	Towel/Waste Receptacle	2	EA	327.96	655.92
10800	Toilet and Bath Acces.	Mirror	6	EA	98.00	588.00
10800	Toilet and Bath Acces.	Sanitary Napkin Disposal	5	EA	85.00	425.00
<b>Div. 10</b>	<b>Specialties Sub Total</b>					<b>21,479.00</b>
	Comfort Station	Vault toilet	0	EA	47000.00	0.00
11170	Outdoor Equipment	Litter barrel	15	EA	300.00	4,500.00
11170	Outdoor Equipment	Picnic table & benches	28	EA	1744.13	48,835.64
<b>Div. 11</b>	<b>Equipment Sub Total</b>					<b>53,335.64</b>
<b>Div. 12</b>	<b>Furnishings Sub Total</b>					<b>0.00</b>
	Graphics	Interpretive Displays	4	EA	1500.00	6,000.00
	Graphics/Artwork	Image panel	3094	SF	105.00	324,870.00
	Graphics	Monument Sign	1	LS	4500.00	4,500.00
	Graphics	Signage (Req'd. by code)	1	LS	2000.00	2,000.00
<b>Div. 13</b>	<b>Special Construction Sub Total</b>					<b>337,370.00</b>
<b>Div. 14</b>	<b>Conveying Systems Sub Total</b>					<b>0.00</b>
15000	Plumbing	General	1	LS	70000.00	70,000.00
15000	Mechanical	General	1	LS	35000.00	35,000.00
15000	Plumbing	Well pump housing	1	LS	20800.00	20,800.00
15000	Plumbing	Well housing	1	LS	90000.00	90,000.00
15000	Plumbing	LCP tracker	1	LS	1000.00	1,000.00
<b>Div. 15</b>	<b>Mechanical / Plumbing Sub Total</b>					<b>216,800.00</b>
16000	Electrical	General	1	LS	35000.00	35,000.00
16000	Electrical	NV Energy	1	LS	148000.00	148,000.00
16000	Electrical	Rem ATT lid/fiber optic	1	LS	6550.00	6,550.00
<b>Div. 16</b>	<b>Electrical Sub Total</b>					<b>189,550.00</b>

## **CONCEPT OPTION 2 – INCLINE**

As a state with a landscape as mountainous as any in the lower 48 and an infectious optimism about its future, concept 2 creates a forward thinking “Incline” that combines a contemporary design with numerous opportunities to integrate color and convey an innovative spirit.

The design, highlighted by a stunning rock face dissecting the building, creates a unique presence when situated on any of the 36 statewide rest area sites. Reaching upward, the dramatic rock face draws the eye toward the sky and holistically showcases many of Nevada’s most sustainable natural resources and promising economic opportunities.

To individualize each location and add visual interest, paint colors may be selected to be reflect the natural and cultural resources of each area.

The Welcome Station and Rest Area will include an interior space that maximizes the site, with the building positioned to showcase the landscape. The back wall is comprised of windows offering stunning views of the area. The Welcome Station staffed area offers visitors an easily accessible information area where they can interact with expert interpreters and local guides.

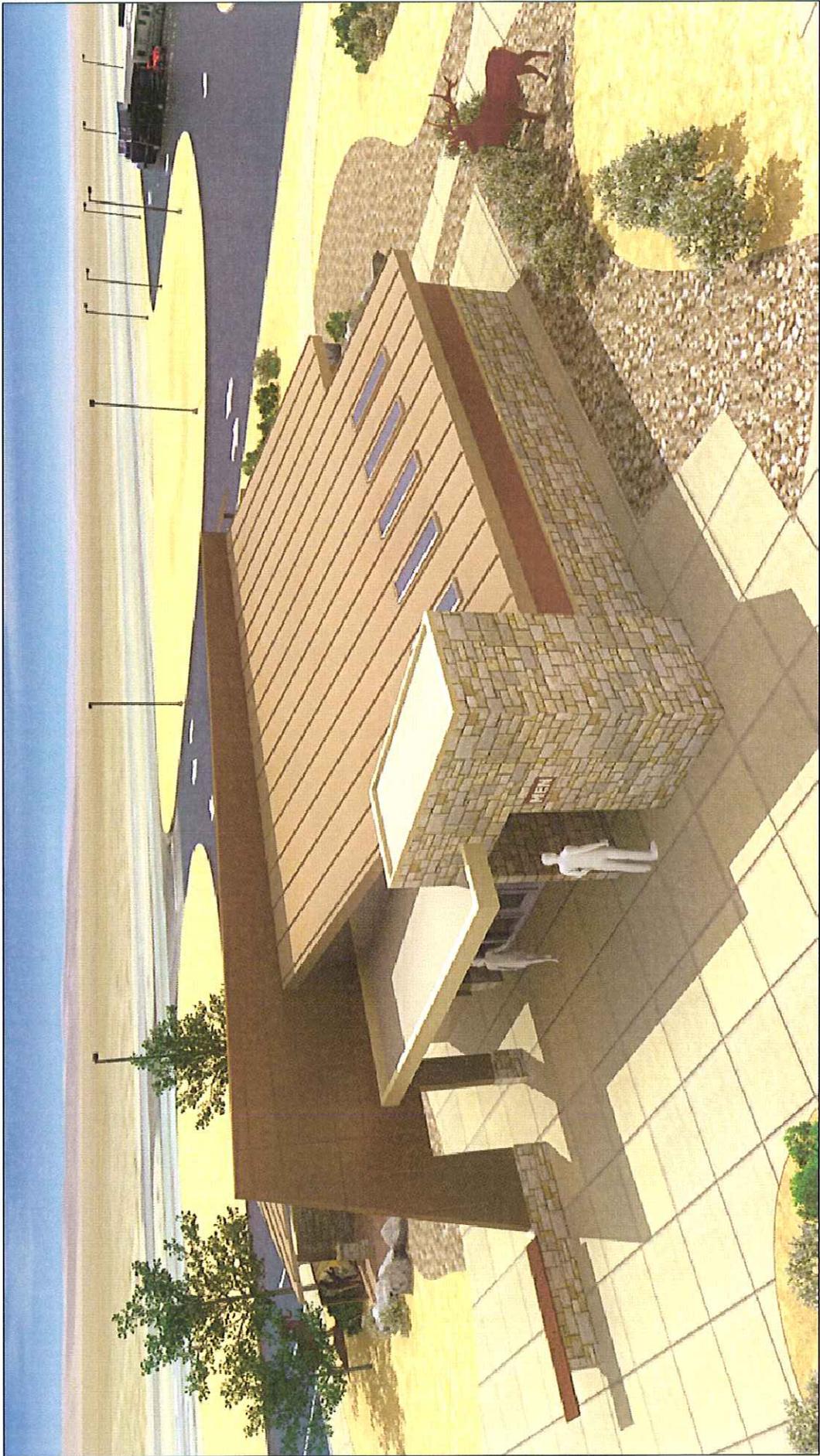
Whether a Welcome Station, Rest Area or Rest Stop, the site will be enhanced with landscaping that helps create a sense of place, incorporating local natural materials and vegetation. Metal sculptures depicting Nevada wildlife and screen images of Nevada industry (agriculture, mining, etc. as it pertains to the locality in which the site is located) will create a visually appealing interpretive experience.

The “Incline” design can be incorporated into the pit toilets structure, ensuring a consistent design experience at all locations.



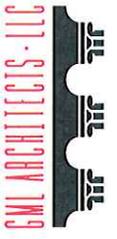
**NEVADA** A WORLD WITHIN  
A STATE APART

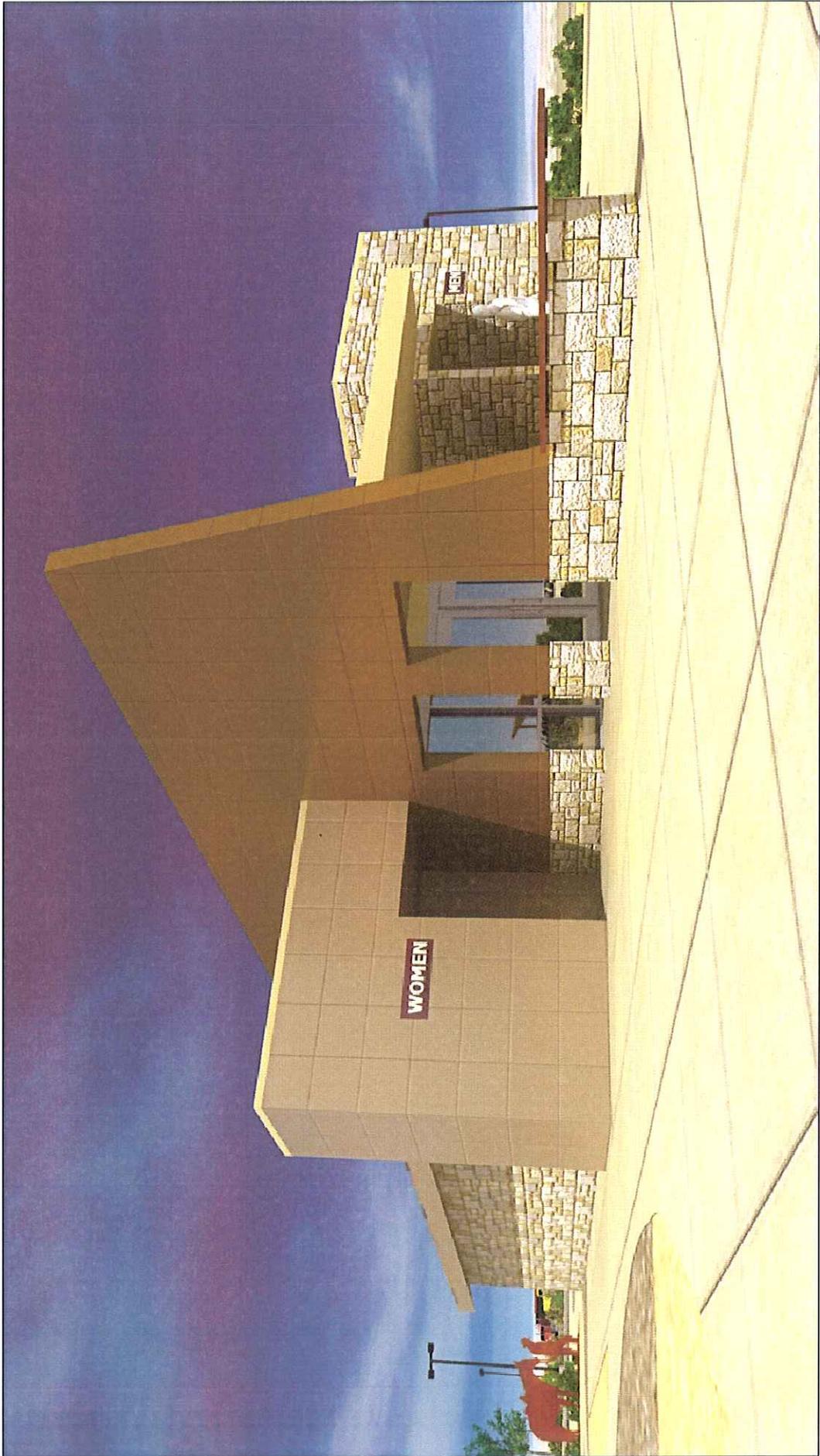
Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2





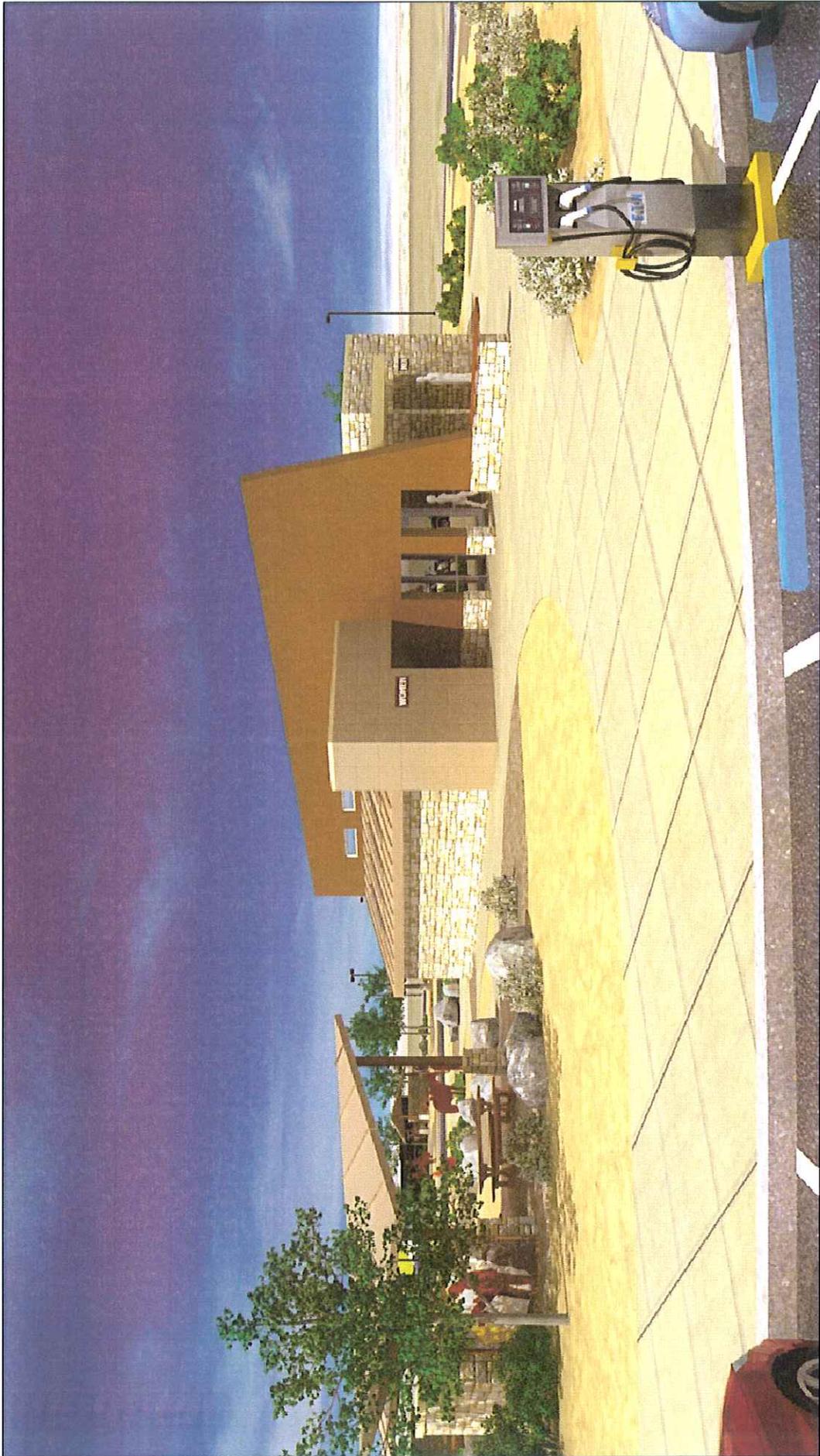
**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2



**NEVADA** A WORLD WITHIN  
A STATE APART

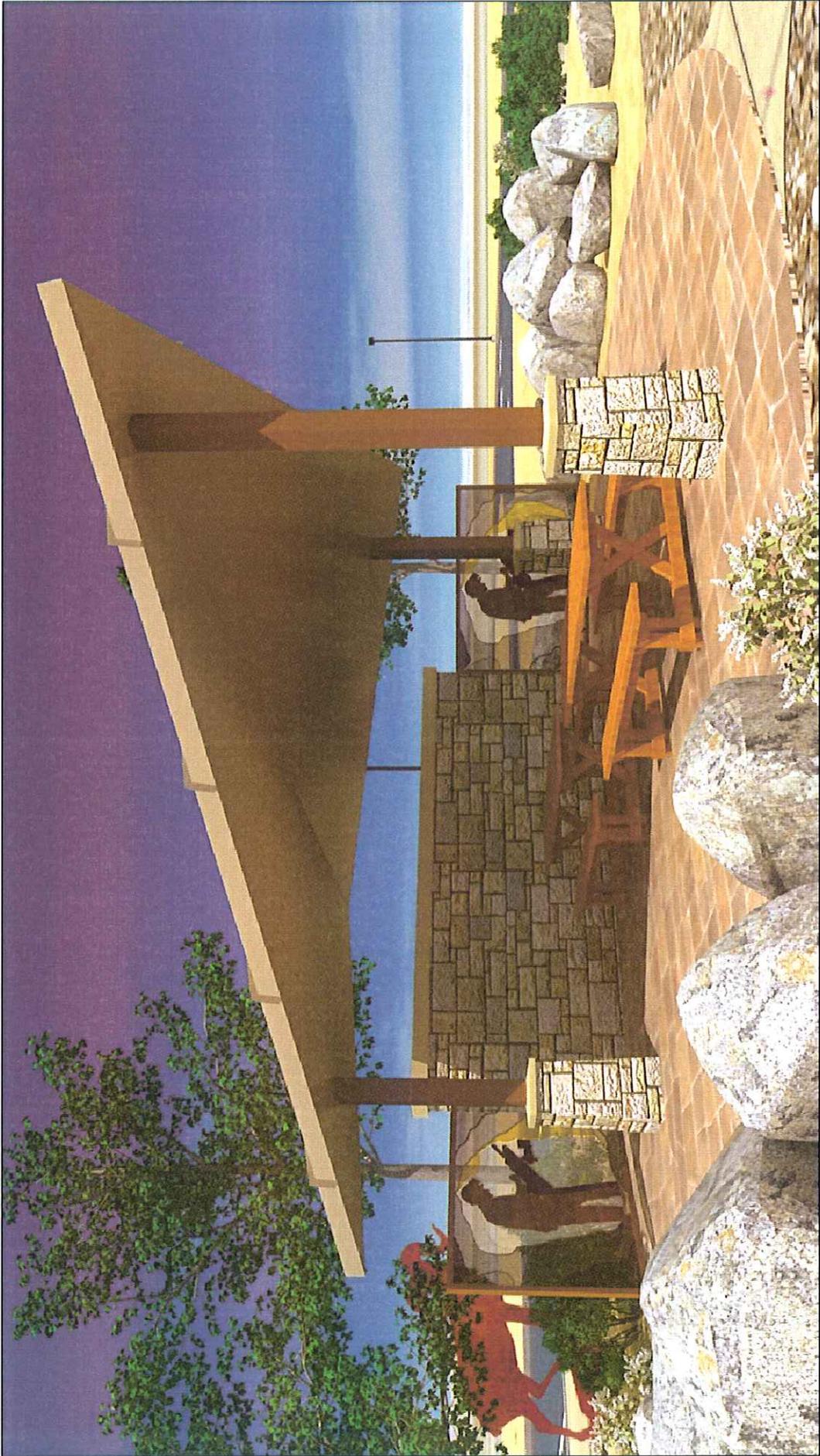
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FULL SERVICE AREA - OPTION 2





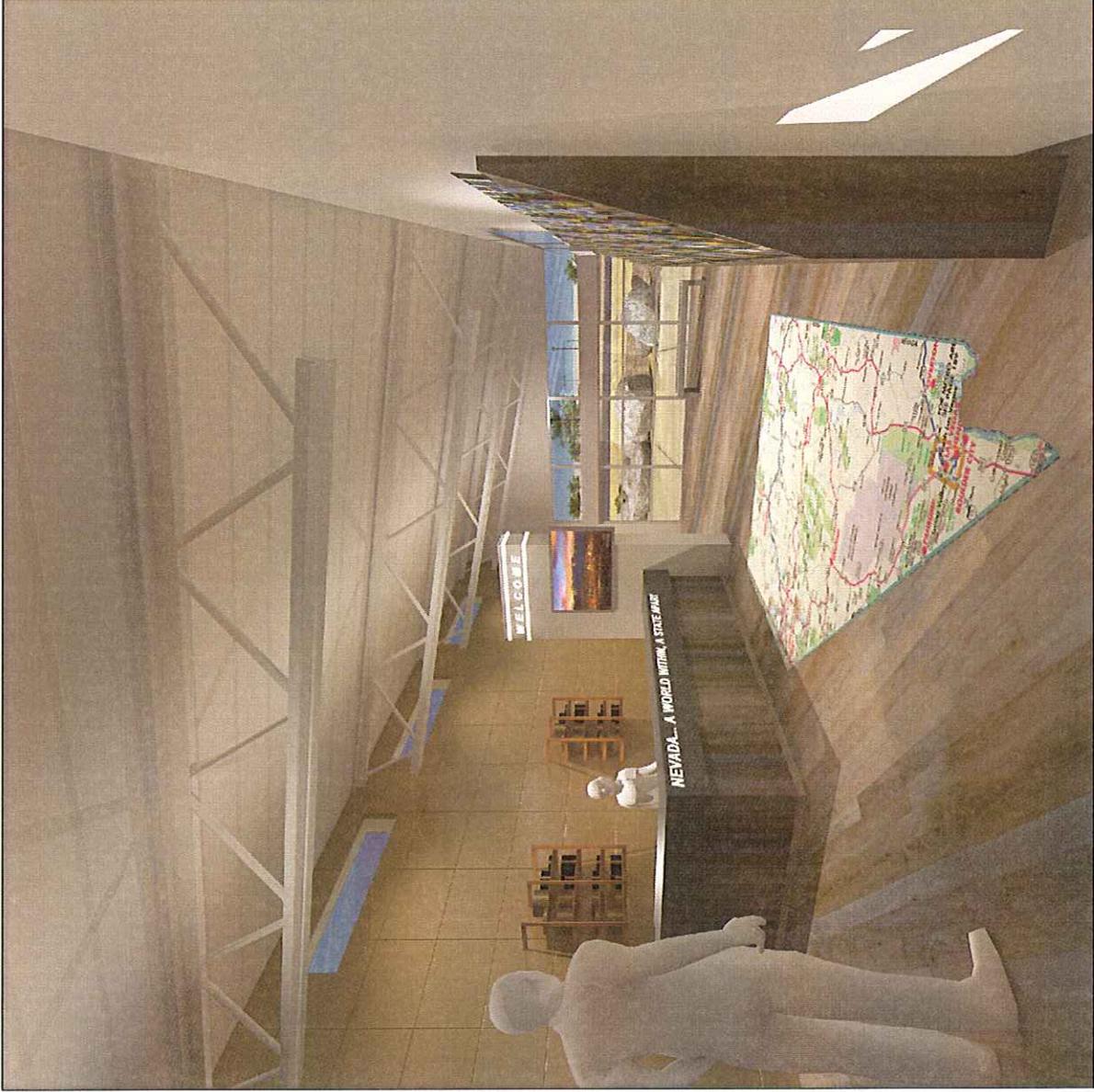
**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2



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FULL SERVICE AREA - OPTION 2



**NEVADA** A WORLD WITHIN  
A STATE APART

Nevada Statewide Rest Area Initiative  
FULL SERVICE AREA - OPTION 2



**NDOT**  
**REST AREA INITIATIVE**  
**Full Service Rest Area**  
**Concept Option No. 2**  
Estimate of Probable Construction Cost

6/27/2014

Division of Work			Totals
Architectural / Engineering			3,021,881.95
<u>Discipline Breakdown</u>			
Civil /Landscaping	1,271,731.50		
Architectural	290,865.55		
Graphics:			
Interpretive Displays			
Artwork / Panels			
Monument Sign			
Misc. Signage	337,370.00		
Structural	715,564.90		
Mechanical / Plumbing	216,800.00		
Electrical	189,550.00		
Subtotal	3,021,881.95		3,021,881.95
Div. 1	General Conditions	12%	362,625.83
<b>Sub-Total</b>			<b>3,384,507.78</b>
	Remote Location	8%	241,750.56
<b>Sub-Total</b>			<b>3,626,258.34</b>
	Overhead and Profit	15%	507,676.17
<b>Total</b>			<b>4,133,934.51</b>
<b>Additional Cost:</b>			
	Annual Maintenance Cost		30,000.00
	Annual Janitorial Cost		70,000.00
<b>Total</b>			<b>100,000.00</b>

## Summary

CSI No.	CSI Name	Totals
Div. 1	General Conditions	refer to totals
Div. 2	Sitework	1,271,731.50
Div. 3	Concrete	131,400.00
Div. 4	Masonry	304,200.00
Div. 5	Metals	279,964.90
Div. 6	Wood and Plastics	1,661.86
Div. 7	Thermal and Moisture Protection	121,524.00
Div. 8	Doors and Windows	37,747.65
Div. 9	Finishes	55,117.40
Div. 10	Specialties	21,479.00
Div. 11	Equipment	53,335.64
Div. 12	Furnishings	0.00
Div. 13	Special Construction	337,370.00
Div. 14	Conveying Systems	0.00
Div. 15	Mechanical / Plumbing	216,800.00
Div. 16	Electrical	189,550.00
<b>Div. 2-14</b>	<b>Subtotal</b>	<b>3,021,881.95</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
02001	Excavation, Fill & Grading	Excavation, Fill & Grading	4555	CY	8.00	36,440.00
02001	Excavation, Fill & Grading	Clear grub,brush, disposal	246000	SF	0.10	24,600.00
02002	Roadway Excavation & Fill	Rdwy cut & Fill	60	CY	8.00	480.00
02400	Well Points	Well punch	1	LS	50000.00	50,000.00
02600	General Site Work	Asphaltic 2". on 6" base	155500	SF	3.96	615,780.00
02600	Specialties	Striping 4" wide	4780	LF	0.74	3,537.20
02600	Sidewalks Concrete	Concrete walk 4" broom finish	17000	SF	5.28	89,760.00
02600	Septic system & leach	Septic system & leach	1	LS	25000.00	25,000.00
02600	Curbs and Gutters	Curb/gutter	1465	LF	19.98	29,270.70
02600	Wood Fencing	4'-0" Split rail fencing	2400	LF	20.00	48,000.00
02600	Drainage Pipe	18" corrugated pipe	200	LF	35.00	7,000.00
02600	Decomposed granite	Pathways	4700	SF	2.00	9,400.00
02600	Rock cobble	Swales & drainage ponds	300	T	100.00	30,000.00
02700	Metal Fencing	Double leaf gates	2	EA	1031.80	2,063.60
027601	Landscaping	Grnd cover,trees,shrubs	86000	SF	2.50	215,000.00
027601	Erosion control	Outer Areas	102000	SF	0.50	51,000.00
027601	Irrigation system	Landscaping	86000	SF	0.40	34,400.00
<b>Div. 2</b>	<b>Sitework Sub Total</b>					<b>1,271,731.50</b>
03050	Foundation	Foundation / Stem walls				
03050	Slabs Structural	SOG,reinf.,gravel,vapor barrier				
03080	Excavation Footings	Foundation structural	4380	SF	30.00	131,400.00
<b>Div. 3</b>	<b>Concrete Sub Total</b>					<b>131,400.00</b>
04200	Concrete masonry unit	CMU 8x8x16	4236	SF	30.00	127,080.00
04300	Architectural stonework	Stone veneer assembly	5400	SF	32.80	177,120.00
<b>Div. 4</b>	<b>Masonry Sub Total</b>					<b>304,200.00</b>
06140	Sheathing wall	Wall 5/8" C-D ext.	2045	SF	3.61	7,382.45
06140	Sheathing roof	Roof 5/8" C-D ext.	765	SF	2.33	1,782.45
05100	Structural Steel	Steel-trusses/columns deck/anchors/misc. steel	5416	SF	50.00	270,800.00
<b>Div. 5</b>	<b>Metals Sub Total</b>					<b>279,964.90</b>
06110	Carpentry	2x8 Parapet Wood Nailer	122	LF	4.45	542.90
061302	Insulation Board	Foundation	240	SF	1.52	364.80
061501	Wood Treating	Termite Treatment	2	MBF	377.08	754.16
06200	Soffit, Hardboard	Soffit Hardiplank	0	SF	4.72	0.00
06200	Siding, Hardboard	Siding Hardiplank	0	SF	4.72	0.00
<b>Div. 6</b>	<b>Wood and Plastics Sub Total</b>					<b>1,661.86</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
07200	Insulation Board Deck	Insulation board deck 5"	2500	SF	7.38	18,450.00
07220	Roof and Deck Insul.	Dens Deck	2500	SF	1.80	4,500.00
07300	Membrane Roofing	Single Ply (F.H) /Parapet	700	SF	5.16	3,612.00
07300	Membrane Roofing	Roof Walk	120	SF	2.80	336.00
07301	Sheet Metal Roofing	Prefinished Roof Panels	5870	SF	12.30	72,201.00
07301	Sheet Metal Roofing	Prefinished Wall Panels	0	SF	9.87	0.00
07620	Sheet Metal Roofing	Prefinished Fascia Panels	0	SF	8.50	0.00
07601	Skylight	Skylight 2x8	10	Ea	800.00	8,000.00
07600	Sheet Metal Flashing	Coping	200	LF	8.50	1,700.00
07620	Sheet Metal Flashing	Misc. Flashing and S.M.	1	LS	2500.00	2,500.00
07620	Sheet Metal Flashing	Reglet/Counterflash	240	LF	3.75	900.00
07620	Roofing Accessories	Ice and Water Shield	3500	SF	2.35	8,225.00
07900	Sealants	Caulking and Sealants	2	LS	550.00	1,100.00
<b>Div. 7</b>	<b>Thermal and Moisture Protection Sub Total</b>					<b>121,524.00</b>
08110	Alum. Storefront	Exterior Alum. Storefront	480	SF	32.00	15,360.00
08100	HM 16 gauge Door	3070 HM Doors	3	EA	365.71	1,097.13
08100	HM frames 16 gauge	HM Ext. Window Frames	380	LF	14.50	5,510.00
08100	HM frames 16 gauge	3070 HM Frames	3	EA	182.71	548.13
08700	Finish Hardware	Finish Hardware - Single	3	EA	455.81	1,367.43
08800	Glazing	Insulated glass	512	SF	27.08	13,864.96
<b>Div. 8</b>	<b>Doors and Windows Sub Total</b>					<b>37,747.65</b>
09200	Studs metal 16"o.c.	6" 20 gauge stud	2885	SF	6.69	19,300.65
09200	Gypsum Board	5/8" Gypsum Board Walls	2500	SF	2.14	5,350.00
09140	Plaster & lath	Plaster & lath system	435	SY	47.30	20,575.50
09800	Interior painting	Paint c-g-p interior	2500	SF	0.85	2,125.00
09800	Exterior painting	Paint concrete/wood	0	SF	1.24	0.00
09800	Exterior painting	Paint Open to Structure	1435	SF	1.75	2,511.25
09800	Painting	Paint/Stain Doors/Frames	3	EA	85.00	255.00
09800	Painting	Miscellaneous Painting	1	LS	5000.00	5,000.00
09800	Painting	Sealant for Masonry Units	0	SF	0.56	0.00
<b>Div. 9</b>	<b>Finishes Sub Total</b>					<b>55,117.40</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
10155	Toilet Compartments	Toilet Partitions	7	EA	875.40	6,127.80
10155	Toilet Compartments	Urinal Screens	2	EA	276.35	552.70
10520	Fire Protection Spec.	Fire Extinguisher/Cabinet	1	EA	246.50	246.50
10500	Flag pole w/ foundation	Alum.60'	1	EA	11155.90	11,155.90
10500	Directories	Alum.glass 24"x36"	0	EA	1206.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 36"	2	EA	72.91	145.82
10800	Toilet and Bath Acces.	Grab Bar 42"	2	EA	81.11	162.22
10800	Toilet and Bath Acces.	Grab Bar 18"	2	EA	58.45	116.90
10800	Toilet and Bath Acces.	Seat Cover Dispenser	7	EA	73.50	514.50
10800	Toilet and Bath Acces.	Toilet Paper Holder	7	EA	67.98	475.86
10800	Toilet and Bath Acces.	Soap Dispenser	4	EA	77.97	311.88
10800	Toilet and Bath Acces.	Towel/Waste Receptacle	2	EA	327.96	655.92
10800	Toilet and Bath Acces.	Mirror	6	EA	98.00	588.00
10800	Toilet and Bath Acces.	Sanitary Napkin Disposal	5	EA	85.00	425.00
<b>Div. 10</b>	<b>Specialties Sub Total</b>					<b>21,479.00</b>
	Comfort Station	Vault toilet	0	EA	47000.00	0.00
11170	Outdoor Equipment	Litter barrel	15	EA	300.00	4,500.00
11170	Outdoor Equipment	Picnic table & benches	28	EA	1744.13	48,835.64
<b>Div. 11</b>	<b>Equipment Sub Total</b>					<b>53,335.64</b>
<b>Div. 12</b>	<b>Furnishings Sub Total</b>					<b>0.00</b>
	Graphics	Interpretive Displays	4	EA	1500.00	6,000.00
	Graphics/Artwork	Image panel	3094	SF	105.00	324,870.00
	Graphics	Monument Sign	1	LS	4500.00	4,500.00
	Graphics	Signage (Req'd. by code)	1	LS	2000.00	2,000.00
<b>Div. 13</b>	<b>Special Construction Sub Total</b>					<b>337,370.00</b>
<b>Div. 14</b>	<b>Conveying Systems Sub Total</b>					<b>0.00</b>
15000	Plumbing	General	1	LS	70000.00	70,000.00
15000	Mechanical	General	1	LS	35000.00	35,000.00
15000	Plumbing	Well pump housing	1	LS	20800.00	20,800.00
15000	Plumbing	Well housing	1	LS	90000.00	90,000.00
15000	Plumbing	LCP tracker	1	LS	1000.00	1,000.00
<b>Div. 15</b>	<b>Mechanical / Plumbing Sub Total</b>					<b>216,800.00</b>
16000	Electrical	General	1	LS	35000.00	35,000.00
16000	Electrical	NV Energy	1	LS	148000.00	148,000.00
16000	Electrical	Rem ATT lid/fiber optic	1	LS	6550.00	6,550.00
<b>Div. 16</b>	<b>Electrical Sub Total</b>					<b>189,550.00</b>

## Summary

<b>CSI No.</b>	<b>CSI Name</b>	<b>Totals</b>
Div. 1	General Conditions	refer to totals
Div. 2	Sitework	1,271,731.50
Div. 3	Concrete	131,400.00
Div. 4	Masonry	304,200.00
Div. 5	Metals	279,964.90
Div. 6	Wood and Plastics	1,661.86
Div. 7	Thermal and Moisture Protection	121,524.00
Div. 8	Doors and Windows	37,747.65
Div. 9	Finishes	55,117.40
Div. 10	Specialties	21,479.00
Div. 11	Equipment	53,335.64
Div. 12	Furnishings	0.00
Div. 13	Special Construction	337,370.00
Div. 14	Conveying Systems	0.00
Div. 15	Mechanical / Plumbing	216,800.00
Div. 16	Electrical	189,550.00
<b>Div. 2-14</b>	<b>Subtotal</b>	<b>3,021,881.95</b>

**NDOT**  
**REST AREA INITIATIVE**  
**Full Service Rest Area**

**Additional Features that may be provided**  
 Estimate of Probable Construction Cost

Item	Description	Costs	Quantity	Total
Family Style Restrooms	Unisex Family Restroom	\$ 175.00	150	\$ 26,250.00
Vending Machines	Snacks / Drinks	\$ 1,350.00	3	\$ 4,050.00
Designated Pet Exercise Area	40' x 40' Designated Area	\$ 4.75	1600	\$ 7,600.00
On-Site Maintenance Personnel				\$ -
10 Separate Truck Parking Spaces	4" Asphalt Paving over 4" Base Material (15,000s.f.)	\$ 135,000.00	1	\$ 135,000.00
10 Separate Automobile Parking Spaces	2" Asphalt Paving over 4" Base Material (3,000s.f.)	\$ 15,000.00	1	\$ 15,000.00
Sculptures or Other Artwork		\$ 20,000.00	1	\$ 20,000.00
Playground Equipment	Playground features slides, climbers, play panels and more for elementary-aged kids.	\$ 27,500.00	1	\$ 27,500.00
Trained Tourism Representatives				\$ -
Statewide, Regional, and Local Tourist and Historical Information as a Fixed Display or Brochure				
On-Site Janitorial Services		\$ 8,500.00	1	\$ 8,500.00
Interior Computer Kiosks	Computer, Receptacle with 50 circuit data drop	\$ 2,097.00	3	\$ 6,291.00
Electric Vehicle Charging Stations	Class 2, Free Standing, Dual Connector, RFID, 200 ft. of 90 amp Circuiting	\$ 10,300.00	1	\$ 10,300.00
Interpretative Display and Related Information	Interpretative Display and Related Information	\$ 10,000.00	1	\$ 10,000.00
				\$ -

## ***LIMITED SERVICE REST STOP***

### ***Description:***

Limited Service Rest Stops are located throughout the state offering site specific interpretive information. They offer limited restroom facilities and may or may not including running water, depending on availability. Typically, these rest areas are located adjacent to scenic views, unique historical, cultural or environmental features. Community rest areas provide facilities within the town's infrastructure and function as a pocket park or town square.

### ***Program Elements:***

- Located according to traveler's needs and unique site features
- Site-specific interpretive signage
- Pit Toilets/no running water
- Emergency call box
- ADA accessible
- Picnic tables and shade structures
- Trash containers
- Paved car and Recreational Vehicle parking
- Paved truck parking
- Nature walks or short trails
- Seating Areas
- Shade canopy (vegetation or structure)
- Adequate advance signage
- Internal directional signage
- Sidewalks
- Local community information
- Interpretive Displays
- Artwork

### ***Landscape Treatment:***

- Enhanced native landscape type
- Standard to accentuated hardscape types

### ***Alternatives or Amenities:***

Facility features play an important role in merging the need to provide a facility that emphasizes the safety aspects of moving people and goods with showcasing the unique identity and character of Nevada's diverse culture, environment and activities. The following are features, grouped by facility type that could be incorporated into existing and future highway rest facilities:

Additional features that may be provided include:

- Picnic tables and shelters
- Emergency telephone
- Interior restroom lighting
- Exterior parking and site lighting
- Playground equipment
- Exercise stations
- Wireless internet access
- Landscaping with native vegetation and natural materials
- Interpretive signing, displays, trails, exhibits and location information

## ***LIMITED SERVICE REST STOP***

### **CONCEPT OPTION NO. 1**

Concept Option No. 1 is a combination of contemporary and rustic design utilizing stone and a barrel roof form with durable materials that can be easily maintained.

Picnic canopy materials to include prefinished standing seam metal roofing, masonry/ manufactured stone screen walls.

The pre-manufactured Vault Toilet building will have materials closely resembling the picnic canopies.

The interpretive display area is located under a roof structure matching the picnic canopies.

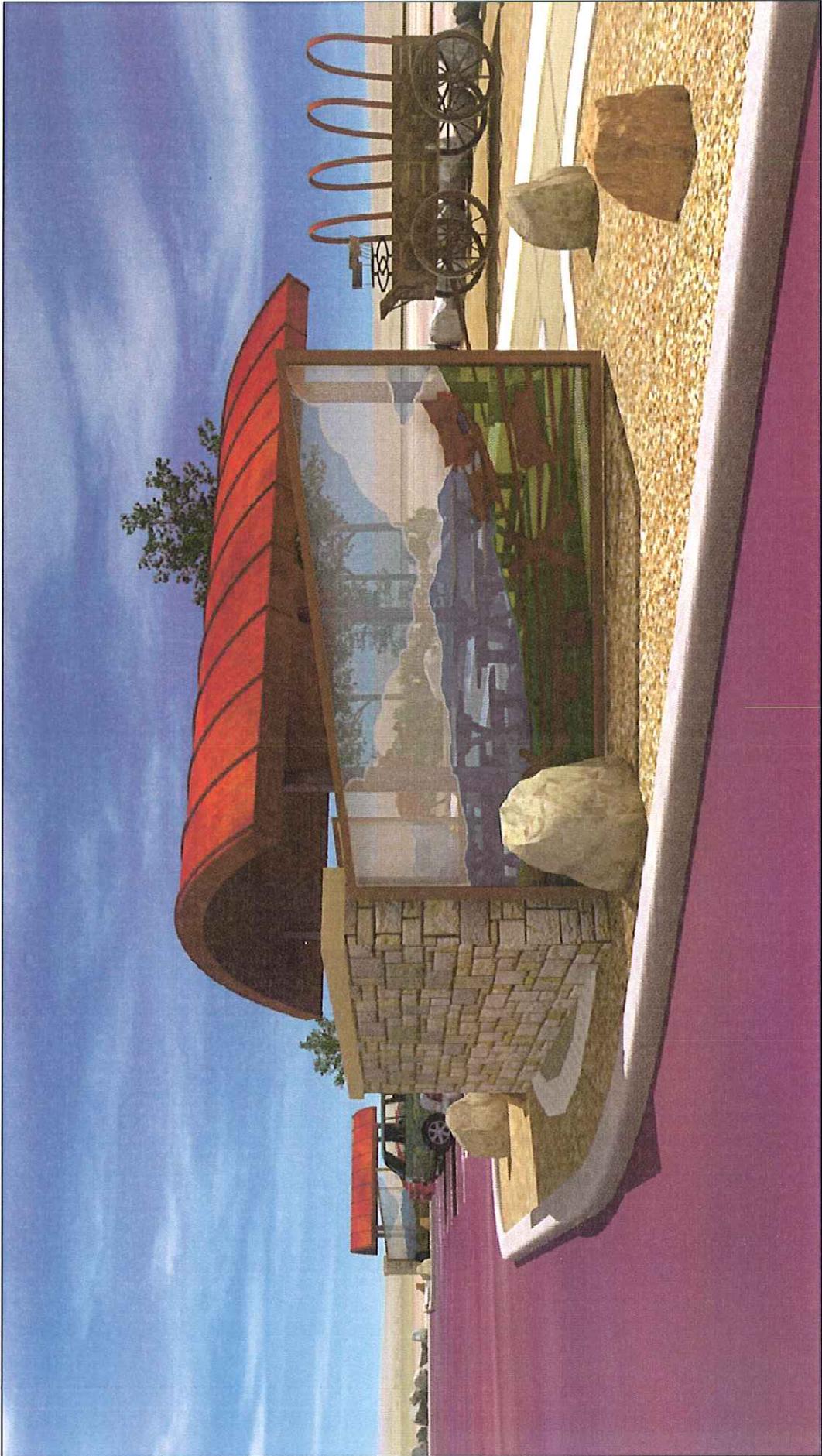
Standing metal artwork is scattered throughout the site.

Parking areas will be provided to accommodate private vehicles, RVs and commercial carriers.



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Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 1



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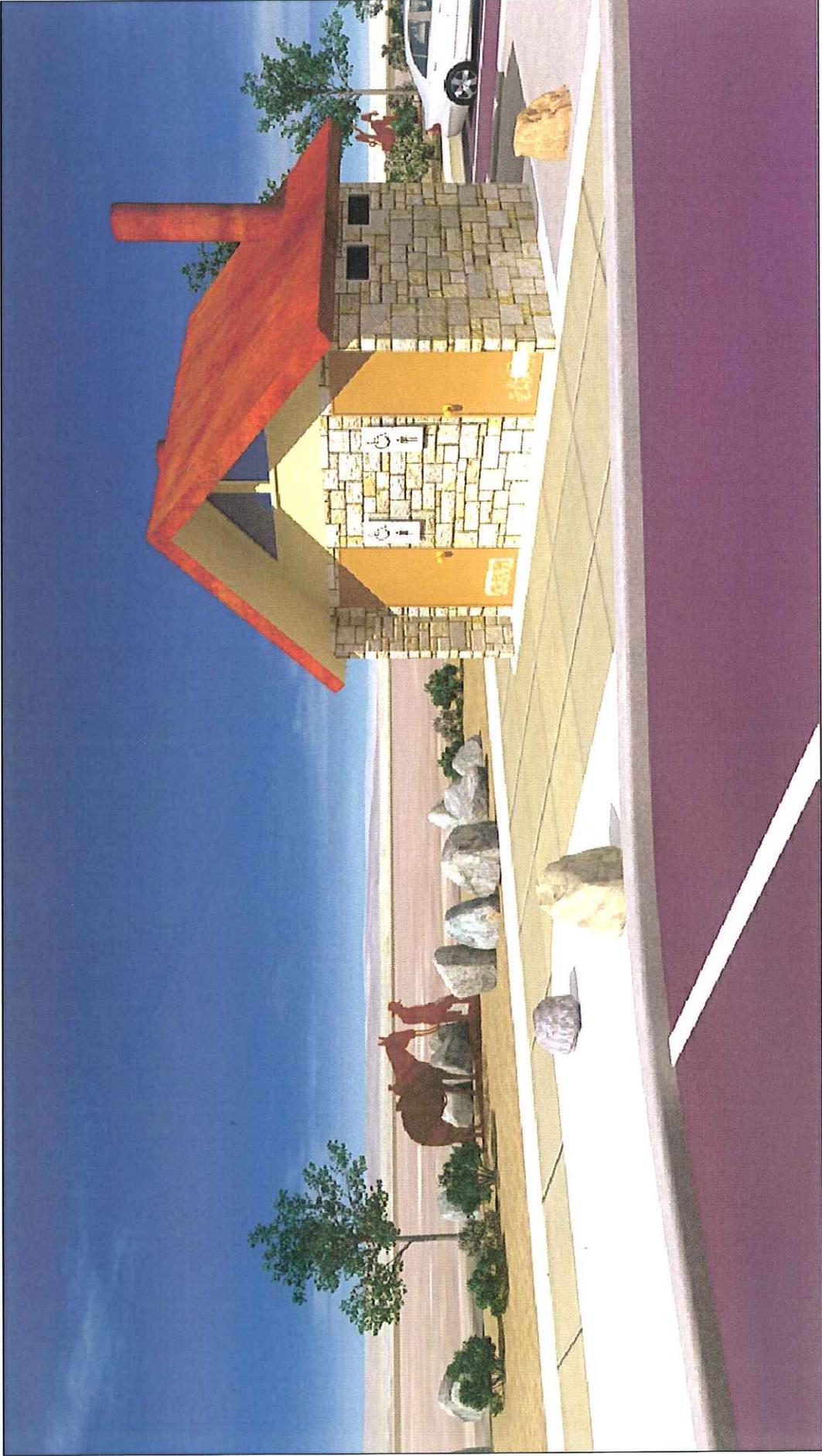
Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 1



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LIMITED SERVICE REST STOP - OPTION 1

**NDOT**  
**REST AREA INITIATIVE**  
**Limited Service Rest Stop**  
**Concept Option No. 1**

Estimate of Probable Construction Cost

6/27/2014

Division of Work			Totals
Architectural / Engineering			1,347,454.32
<u>Discipline Breakdown</u>			
Civil /Landscaping	1,181,215.80		
Architectural	68,286.52		
Graphics:			
Interpretive Displays			
Artwork / Panels			
Monument Sign			
Misc. Signage	23,800.00		
Structural	74,152.00		
Mechanical / Plumbing	0.00		
Electrical	0.00		
<b>Subtotal</b>	1,347,454.32		1,347,454.32
Div. 1	General Conditions	16%	215,592.69
<b>Sub-Total</b>			<b>1,563,047.01</b>
	Remote Location	14%	188,643.60
<b>Sub-Total</b>			<b>1,751,690.62</b>
	Overhead and Profit	15%	234,457.05
<b>Total</b>			<b>1,986,147.67</b>
<b>Additional Cost:</b>			
	Annual Maintenance Cost		15,000.00
	Annual Janitorial Cost		35,000.00
<b>Total</b>			<b>50,000.00</b>

## Summary

<b>CSI No.</b>	<b>CSI Name</b>	<b>Totals</b>
Div. 1	General Conditions	refer to totals
Div. 2	Sitework	1,181,215.80
Div. 3	Concrete	13,560.00
Div. 4	Masonry	30,592.00
Div. 5	Metals	30,000.00
Div. 6	Wood and Plastics	0.00
Div. 7	Thermal and Moisture Protection	10,490.00
Div. 8	Doors and Windows	0.00
Div. 9	Finishes	2,620.00
Div. 10	Specialties	0.00
Div. 11	Equipment	55,176.52
Div. 12	Furnishings	0.00
Div. 13	Special Construction	23,800.00
Div. 14	Conveying Systems	0.00
Div. 15	Mechanical / Plumbing	0.00
Div. 16	Electrical	0.00
<b>Div. 2-14</b>	<b>Subtotal</b>	<b>1,347,454.32</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
02001	Excavation, Fill & Grading	Roadway Excavation	6200	CY	25.00	155,000.00
02001	Excavation, Fill & Grading	Excavation, Fill & Grading	520	CY	8.00	4,160.00
02001	Excavation, Fill & Grading	Clear grub,brush, disposal	28000	SF	0.10	2,800.00
02001	General Site Work	Type 1 Class B Base	11440	T	14.10	161,304.00
02001	General Site Work	Plantmix Surfacing	6220	T	93.00	578,460.00
02001	General Site Work	Plantmix Open Graded	790	T	150.00	118,500.00
02600	General Site Work	Asphaltic 2". on 6" base	19300	SF	3.96	76,428.00
02600	Specialties	Striping 4" wide	500	LF	0.74	370.00
02600	Sidewalks Concrete	Concrete walk 4" broom finish	4900	SF	5.28	25,872.00
02600	Curbs and Gutters	Curb/gutter	620	LF	21.00	13,020.00
02600	Wood Fencing	4'-0" Split rail fencing	60	LF	20.00	1,200.00
02600	Sidewalks Concrete	Ramps	2	EA	400.00	800.00
02600	Landscaping	Rock Mulch	100	T	100.00	10,000.00
02600	Landscaping	Boulders	29	EA	500.00	14,500.00
02700	Metal Fencing	Double leaf gates	1	EA	1031.80	1,031.80
027601	Landscaping	Grnd cover,trees,shrubs	4300	SF	3.50	15,050.00
027601	Erosion control	Outer Areas	20000	SF	0.05	1,000.00
027601	Irrigation system	Landscaping	4300	SF	0.40	1,720.00
<b>Div. 2</b>	<b>Sitework Sub Total</b>					<b>1,181,215.80</b>
03050	Foundation	Foundation / Stem walls				
03050	Slabs Structural	SOG,reinf.,gravel,vapor barrier				
03080	Excavation Footings	Foundation structural	452	SF	30.00	13,560.00
<b>Div. 3</b>	<b>Concrete Sub Total</b>					<b>13,560.00</b>
04200	Concrete masonry unit	CMU 8x8x16	320	SF	30.00	9,600.00
04300	Architectural stonework	Stone veneer assembly	640	SF	32.80	20,992.00
<b>Div. 4</b>	<b>Masonry Sub Total</b>					<b>30,592.00</b>
06140	Sheathing wall	Wall 5/8" C-D ext.	0	SF	3.61	0.00
06140	Sheathing roof	Roof 5/8" C-D ext.	0	SF	2.33	0.00
05100	Structural Steel	Steel-trusses/columns deck/anchors/misc. steel	600	SF	50.00	30,000.00
<b>Div. 5</b>	<b>Metals Sub Total</b>					<b>30,000.00</b>
06110	Carpentry	2x8 Parapet Wood Nailer	0	LF	4.45	0.00
061302	Insulation Board	Foundation	0	SF	1.52	0.00
061501	Wood Treating	Termite Treatment	0	MBF	377.08	0.00
06200	Soffit, Hardboard	Soffit Hardiplank	0	SF	4.72	0.00
06200	Siding, Hardboard	Siding Hardiplank	0	SF	4.72	0.00
<b>Div. 6</b>	<b>Wood and Plastics Sub Total</b>					<b>0.00</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
07200	Insulation Board Deck	Insulation board deck 5"	0	SF	7.38	0.00
07220	Roof and Deck Insul.	Dens Deck	0	SF	1.80	0.00
07300	Membrane Roofing	Single Ply (F.H) /Parapet	0	SF	5.16	0.00
07300	Membrane Roofing	Roof Walk	0	SF	2.80	0.00
07301	Sheet Metal Roofing	Prefinished Roof Panels	640	SF	14.75	9,440.00
07301	Sheet Metal Roofing	Prefinished Wall Panels	0	SF	9.87	0.00
07620	Sheet Metal Roofing	Prefinished Fascia Panels	0	SF	8.50	0.00
07301	Corrugated Roofing	Corrugated Roof Panels	0	SF	6.27	0.00
07600	Sheet Metal Flashing	Coping	0	LF	8.50	0.00
07620	Sheet Metal Flashing	Misc. Flashing and S.M.	1	LS	500.00	500.00
07620	Sheet Metal Flashing	Reglet/Counterflash	0	LF	3.75	0.00
07620	Roofing Accessories	Ice and Water Shield	0	SF	2.35	0.00
07900	Sealants	Caulking and Sealants	1	LS	550.00	550.00
<b>Div. 7</b>	<b>Thermal and Moisture Protection Sub Total</b>					<b>10,490.00</b>
08100	HM 16 gauge Door	3070 HM Doors	0	EA	365.71	0.00
08100	HM frames 16 gauge	HM Ext. Window Frames	0	LF	14.50	0.00
08100	HM frames 16 gauge	3070 HM Frames	0	EA	182.71	0.00
08700	Finish Hardware	Finish Hardware - Single	0	EA	455.81	0.00
08800	Glazing	Insulated glass	0	SF	27.08	0.00
<b>Div. 8</b>	<b>Doors and Windows Sub Total</b>					<b>0.00</b>
09200	Studs metal 16"o.c.	6" 20 gauge stud	0	SF	6.69	0.00
09200	Gypsum Board	5/8" Gypsum Board Walls	0	SF	2.14	0.00
09140	Plaster & lath	Plaster & lath system	0	SF	14.00	0.00
09800	Interior painting	Paint c-g-p interior	0	SF	0.85	0.00
09800	Exterior painting	Paint concrete/wood	0	SF	1.24	0.00
09800	Exterior painting	Paint Open to Structure	640	SF	1.75	1,120.00
09800	Painting	Paint/Stain Doors/Frames	0	EA	85.00	0.00
09800	Painting	Miscellaneous Painting	1	LS	1500.00	1,500.00
09800	Painting	Sealant for Masonry Units	0	SF	0.56	0.00
<b>Div. 9</b>	<b>Finishes Sub Total</b>					<b>2,620.00</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
10155	Toilet Compartments	Toilet Partitions	0	EA	875.40	0.00
10155	Toilet Compartments	Urinal Screens	0	EA	276.35	0.00
10520	Fire Protection Spec.	Fire Extinguisher/Cabinet	0	EA	246.50	0.00
10500	Flag pole w/ foundation	Alum.60'	0	EA	11155.90	0.00
10500	Directories	Alum.glass 24"x36"	0	EA	1206.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 36"	0	EA	72.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 42"	0	EA	81.11	0.00
10800	Toilet and Bath Acces.	Grab Bar 18"	0	EA	58.45	0.00
10800	Toilet and Bath Acces.	Seat Cover Dispenser	0	EA	73.50	0.00
10800	Toilet and Bath Acces.	Toilet Paper Holder	0	EA	67.98	0.00
10800	Toilet and Bath Acces.	Soap Dispenser	0	EA	77.97	0.00
10800	Toilet and Bath Acces.	Towel/Waste Receptacle	0	EA	327.96	0.00
10800	Toilet and Bath Acces.	Mirror	0	EA	98.00	0.00
10800	Toilet and Bath Acces.	Sanitary Napkin Disposal	0	EA	85.00	0.00
<b>Div. 10</b>	<b>Specialties Sub Total</b>					<b>0.00</b>
	Comfort Station	Vault toilet	1	EA	47000.00	47,000.00
11170	Outdoor Equipment	Litter barrel	4	EA	300.00	1,200.00
11170	Outdoor Equipment	Picnic table & benches	4	EA	1744.13	6,976.52
<b>Div. 11</b>	<b>Equipment Sub Total</b>					<b>55,176.52</b>
<b>Div. 12</b>	<b>Furnishings Sub Total</b>					<b>0.00</b>
	Interpretive Displays	Interpretive Displays	4	EA	5200.00	20,800.00
	Artwork/Panels	Artwork/Panels	0	SF	105.00	0.00
	Monument Sign	Monument Sign	1	LS	2500.00	2,500.00
	Misc. Signage	Signage (Req'd. by code)	1	LS	500.00	500.00
<b>Div. 13</b>	<b>Special Construction Sub Total</b>					<b>23,800.00</b>
<b>Div. 14</b>	<b>Conveying Systems Sub Total</b>					<b>0.00</b>
15000	Plumbing	General	0	LS	70000.00	0.00
15000	Mechanical	General	0	LS	35000.00	0.00
15000	Plumbing	Well pump housing	0	LS	20800.00	0.00
15000	Plumbing	Well housing	0	LS	90000.00	0.00
15000	Plumbing	LCP tracker	0	LS	1000.00	0.00
<b>Div. 15</b>	<b>Mechanical / Plumbing Sub Total</b>					<b>0.00</b>
16000	Electrical	General	0	LS	35000.00	0.00
16000	Electrical	NV Energy	0	LS	148000.00	0.00
16000	Electrical	Rem ATT lid/fiber optic	0	LS	6550.00	0.00
<b>Div. 16</b>	<b>Electrical Sub Total</b>					<b>0.00</b>

## ***LIMITED SERVICE REST STOP***

### **CONCEPT OPTION NO. 2**

Concept Option No. 2 is a contemporary design relating to simple geometric shapes. Use of durable materials that can be easily maintained and are graffiti resistant.

Picnic canopy materials to include standing seam metal roofing and decorative screen walls.

The pre-manufactured Vault Toilet building will have materials closely resembling the picnic canopies.

The interpretative display area is located under a roofed area to provide shelter from the weather.

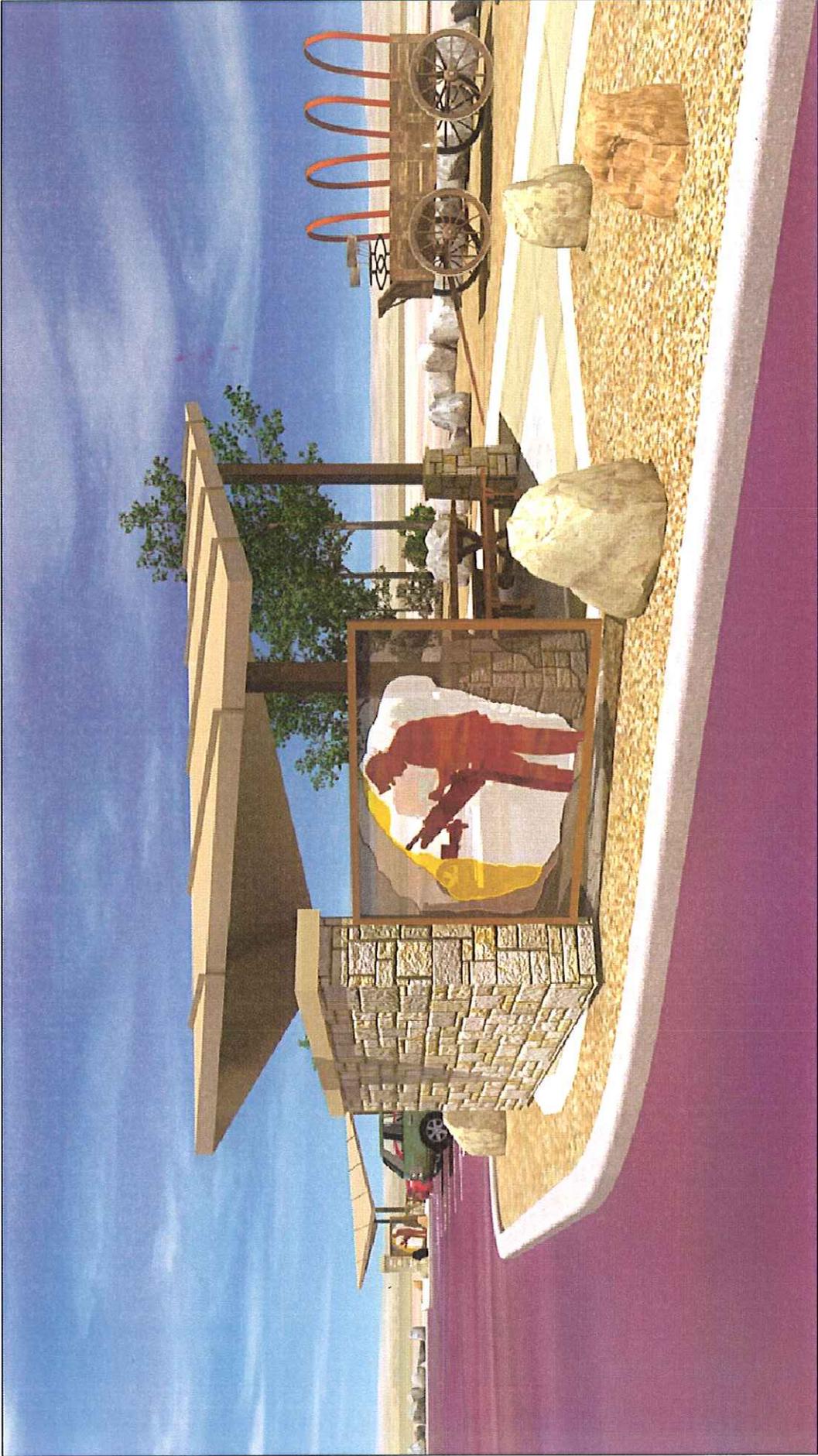
Standing metal artwork is scattered throughout the site.

Parking areas will be provided to accommodate private vehicles, RVs and commercial carriers.



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Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 2



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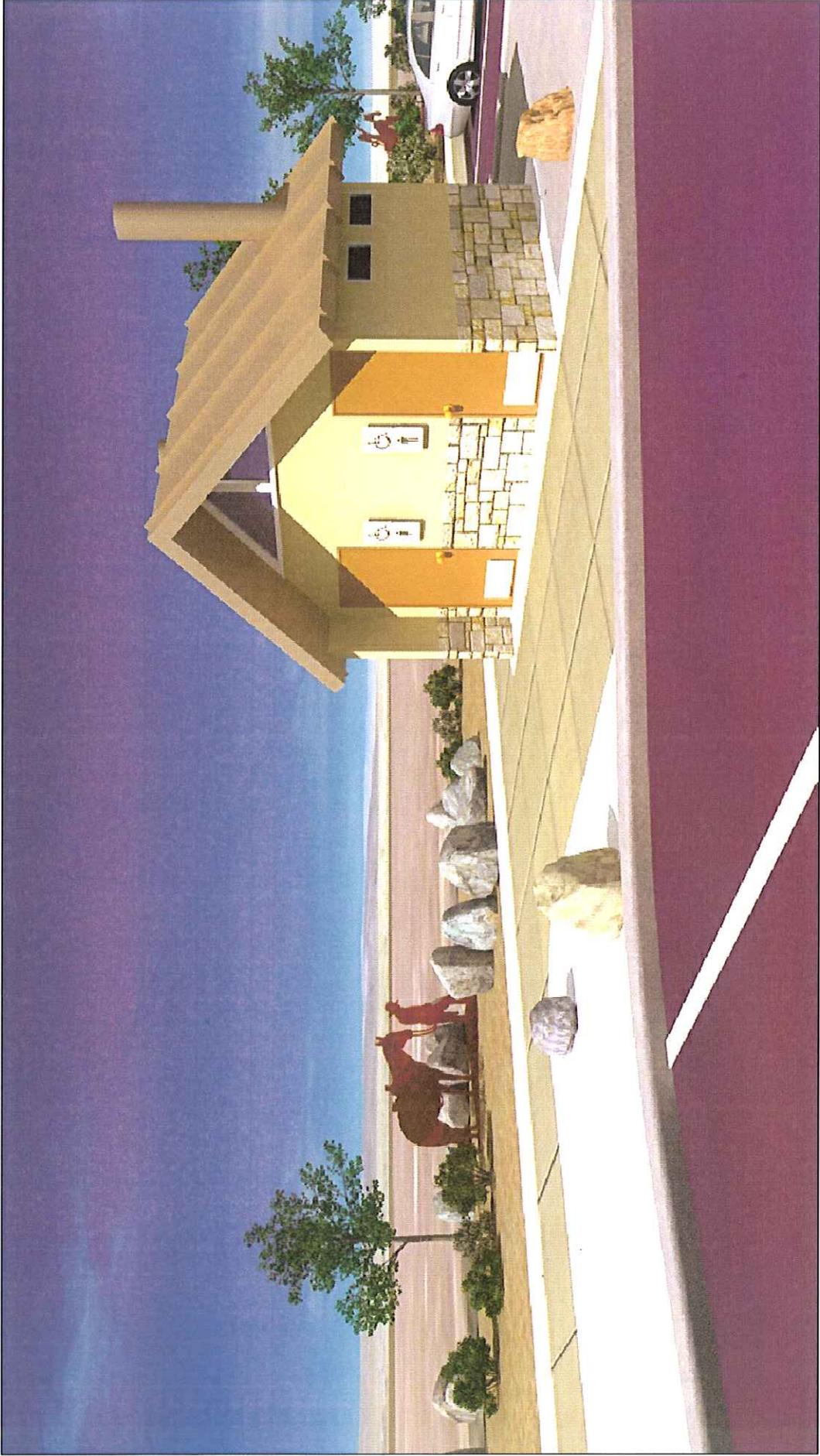
Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 2





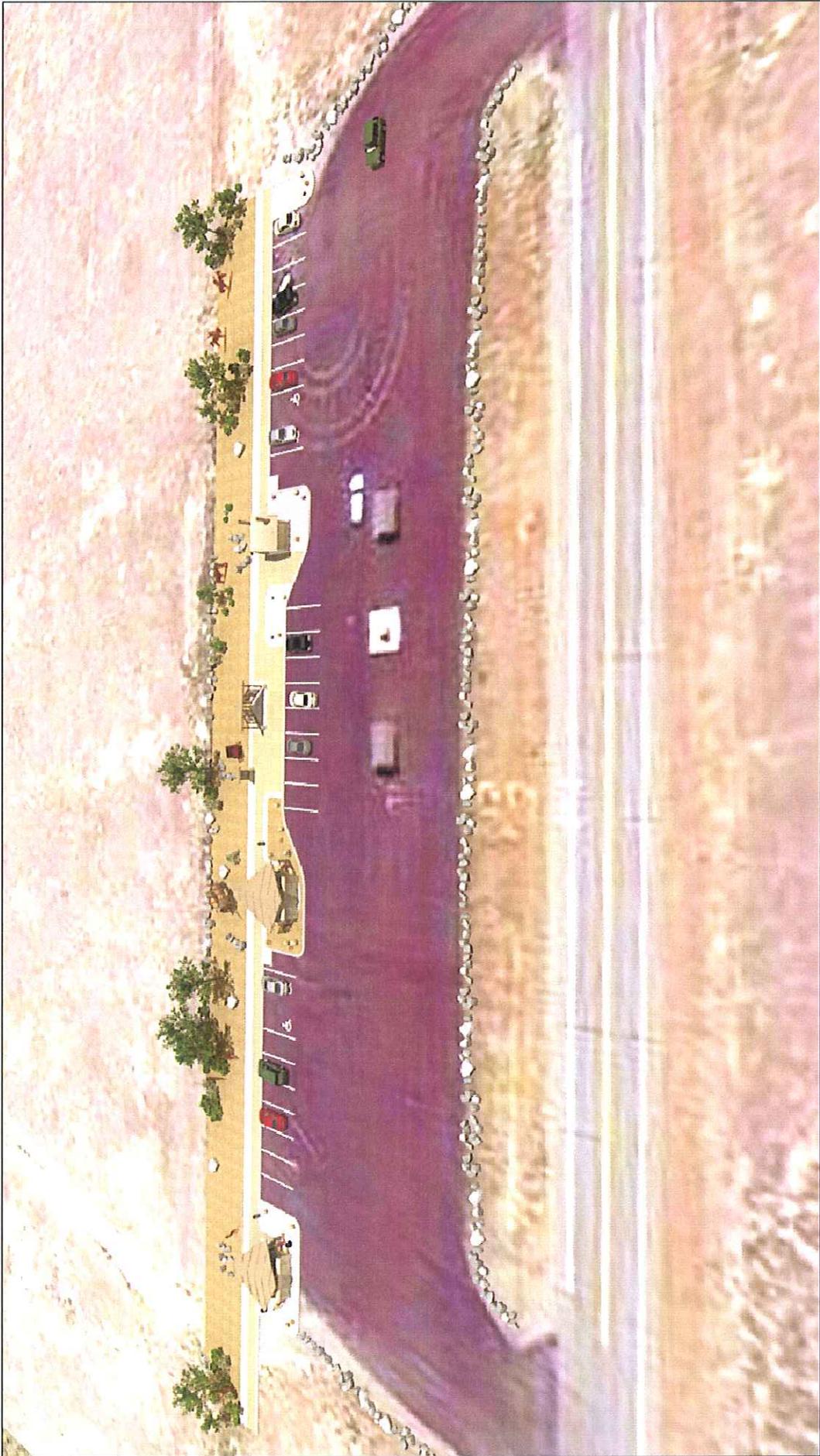
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LIMITED SERVICE REST STOP - OPTION 2



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Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 2



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Nevada Statewide Rest Area Initiative  
LIMITED SERVICE REST STOP - OPTION 2



**NDOT**  
**REST AREA INITIATIVE**  
**Limited Service Rest Stop**  
**Concept Option No. 2**  
Estimate of Probable Construction Cost

6/27/2014

Division of Work			Totals
Architectural / Engineering			1,341,102.32
<u>Discipline Breakdown</u>			
Civil /Landscaping	1,181,215.80		
Architectural	65,476.52		
Graphics:			
Interpretive Displays			
Artwork / Panels			
Monument Sign			
Misc. Signage	54,410.00		
Structural	40,000.00		
Mechanical / Plumbing	0.00		
Electrical	0.00		
<b>Subtotal</b>	1,341,102.32		1,341,102.32
Div. 1	General Conditions	16%	214,576.37
<b>Sub-Total</b>			<b>1,555,678.69</b>
	Remote Location	14%	187,754.32
<b>Sub-Total</b>			<b>1,743,433.02</b>
	Overhead and Profit	15%	233,351.80
<b>Total</b>			<b>1,976,784.82</b>
<b>Additional Cost:</b>			
Annual Maintenance Cost			15,000.00
Annual Janitorial Cost			35,000.00
<b>Total</b>			<b>50,000.00</b>

## Summary

<b>CSI No.</b>	<b>CSI Name</b>	<b>Totals</b>
Div. 1	General Conditions	refer to totals
Div. 2	Sitework	1,181,215.80
Div. 3	Concrete	12,000.00
Div. 4	Masonry	0.00
Div. 5	Metals	28,000.00
Div. 6	Wood and Plastics	0.00
Div. 7	Thermal and Moisture Protection	7,925.00
Div. 8	Doors and Windows	0.00
Div. 9	Finishes	2,375.00
Div. 10	Specialties	0.00
Div. 11	Equipment	55,176.52
Div. 12	Furnishings	0.00
Div. 13	Special Construction	54,410.00
Div. 14	Conveying Systems	0.00
Div. 15	Mechanical / Plumbing	0.00
Div. 16	Electrical	0.00
<b>Div. 2-14</b>	<b>Subtotal</b>	<b>1,341,102.32</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
02001	Excavation, Fill & Grading	Roadway Excavation	6200	CY	25.00	155,000.00
02001	Excavation, Fill & Grading	Excavation, Fill & Grading	520	CY	8.00	4,160.00
02001	Excavation, Fill & Grading	Clear grub,brush, disposal	28000	SF	0.10	2,800.00
02001	General Site Work	Type 1 Class B Base	11440	T	14.10	161,304.00
02001	General Site Work	Plantmix Surfacing	6220	T	93.00	578,460.00
02001	General Site Work	Plantmix Open Graded	790	T	150.00	118,500.00
02600	General Site Work	Asphaltic 2". on 6" base	19300	SF	3.96	76,428.00
02600	Specialties	Striping 4" wide	500	LF	0.74	370.00
02600	Sidewalks Concrete	Concrete walk 4" broom finish	4900	SF	5.28	25,872.00
02600	Curbs and Gutters	Curb/gutter	620	LF	21.00	13,020.00
02600	Wood Fencing	4'-0" Split rail fencing	60	LF	20.00	1,200.00
02600	Sidewalks Concrete	Ramps	2	EA	400.00	800.00
02600	Landscaping	Rock Multch	100	T	100.00	10,000.00
02600	Landscaping	Boulders	29	EA	500.00	14,500.00
02700	Metal Fencing	Double leaf gates	1	EA	1031.80	1,031.80
027601	Landscaping	Grnd cover,trees,shrubs	4300	SF	3.50	15,050.00
027601	Erosion control	Outer Areas	20000	SF	0.05	1,000.00
027601	Irrigation system	Landscaping	4300	SF	0.40	1,720.00
<b>Div. 2</b>	<b>Sitework Sub Total</b>					<b>1,181,215.80</b>
03050	Foundation	Foundation / Stem walls				
03050	Slabs Structural	SOG,reinf.,gravel,vapor barrier				
03080	Excavation Footings	Foundation structural	400	SF	30.00	12,000.00
<b>Div. 3</b>	<b>Concrete Sub Total</b>					<b>12,000.00</b>
04200	Concrete masonry unit	CMU 8x8x16	0	SF	30.00	0.00
04300	Architectural stonework	Stone veneer assembly	0	SF	32.80	0.00
<b>Div. 4</b>	<b>Masonry Sub Total</b>					<b>0.00</b>
06140	Sheathing wall	Wall 5/8" C-D ext.	0	SF	3.61	0.00
06140	Sheathing roof	Roof 5/8" C-D ext.	0	SF	2.33	0.00
05100	Structural Steel	Steel-trusses/columns deck/anchors/misc. steel	560	SF	50.00	28,000.00
<b>Div. 5</b>	<b>Metals Sub Total</b>					<b>28,000.00</b>
06110	Carpentry	2x8 Parapet Wood Nailer	0	LF	4.45	0.00
061302	Insulation Board	Foundation	0	SF	1.52	0.00
061501	Wood Treating	Termite Treatment	0	MBF	377.08	0.00
06200	Soffit, Hardboard	Soffit Hardiplank	0	SF	4.72	0.00
06200	Siding, Hardboard	Siding Hardiplank	0	SF	4.72	0.00
<b>Div. 6</b>	<b>Wood and Plastics Sub Total</b>					<b>0.00</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
07200	Insulation Board Deck	Insulation board deck 5"	0	SF	7.38	0.00
07220	Roof and Deck Insul.	Dens Deck	0	SF	1.80	0.00
07300	Membrane Roofing	Single Ply (F.H) /Parapet	0	SF	5.16	0.00
07300	Membrane Roofing	Roof Walk	0	SF	2.80	0.00
07301	Sheet Metal Roofing	Prefinished Roof Panels	500	SF	14.75	7,375.00
07301	Sheet Metal Roofing	Prefinished Wall Panels	0	SF	9.87	0.00
07620	Sheet Metal Roofing	Prefinished Fascia Panels	0	SF	8.50	0.00
07301	Corrugated Roofing	Corrugated Roof Panels	0	SF	6.27	0.00
07600	Sheet Metal Flashing	Coping	0	LF	8.50	0.00
07620	Sheet Metal Flashing	Misc. Flashing and S.M.	0	LS	500.00	0.00
07620	Sheet Metal Flashing	Reglet/Counterflash	0	LF	3.75	0.00
07620	Roofing Accessories	Ice and Water Shield	0	SF	2.35	0.00
07900	Sealants	Caulking and Sealants	1	LS	550.00	550.00
<b>Div. 7</b>	<b>Thermal and Moisture Protection</b>	<b>Sub Total</b>				<b>7,925.00</b>
08100	HM 16 gauge Door	3070 HM Doors	0	EA	365.71	0.00
08100	HM frames 16 gauge	HM Ext. Window Frames	0	LF	14.50	0.00
08100	HM frames 16 gauge	3070 HM Frames	0	EA	182.71	0.00
08700	Finish Hardware	Finish Hardware - Single	0	EA	455.81	0.00
08800	Glazing	Insulated glass	0	SF	27.08	0.00
<b>Div. 8</b>	<b>Doors and Windows</b>	<b>Sub Total</b>				<b>0.00</b>
09200	Studs metal 16"o.c.	6" 20 gauge stud	0	SF	6.69	0.00
09200	Gypsum Board	5/8" Gypsum Board Walls	0	SF	2.14	0.00
09140	Plaster & lath	Plaster & lath system	0	SF	14.00	0.00
09800	Interior painting	Paint c-g-p interior	0	SF	0.85	0.00
09800	Exterior painting	Paint concrete/wood	0	SF	1.24	0.00
09800	Exterior painting	Paint Open to Structure	500	SF	1.75	875.00
09800	Painting	Paint/Stain Doors/Frames	0	EA	85.00	0.00
09800	Painting	Miscellaneous Painting	1	LS	1500.00	1,500.00
09800	Painting	Sealant for Masonry Units	0	SF	0.56	0.00
<b>Div. 9</b>	<b>Finishes</b>	<b>Sub Total</b>				<b>2,375.00</b>

CSI No.	CSI Name	Item	Quantity	Units	Costs	Totals
10155	Toilet Compartments	Toilet Partitions	0	EA	875.40	0.00
10155	Toilet Compartments	Urinal Screens	0	EA	276.35	0.00
10520	Fire Protection Spec.	Fire Extinguisher/Cabinet	0	EA	246.50	0.00
10500	Flag pole w/ foundation	Alum.60'	0	EA	11155.90	0.00
10500	Directories	Alum.glass 24"x36"	0	EA	1206.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 36"	0	EA	72.91	0.00
10800	Toilet and Bath Acces.	Grab Bar 42"	0	EA	81.11	0.00
10800	Toilet and Bath Acces.	Grab Bar 18"	0	EA	58.45	0.00
10800	Toilet and Bath Acces.	Seat Cover Dispenser	0	EA	73.50	0.00
10800	Toilet and Bath Acces.	Toilet Paper Holder	0	EA	67.98	0.00
10800	Toilet and Bath Acces.	Soap Dispenser	0	EA	77.97	0.00
10800	Toilet and Bath Acces.	Towel/Waste Receptacle	0	EA	327.96	0.00
10800	Toilet and Bath Acces.	Mirror	0	EA	98.00	0.00
10800	Toilet and Bath Acces.	Sanitary Napkin Disposal	0	EA	85.00	0.00
<b>Div. 10</b>	<b>Specialties Sub Total</b>					<b>0.00</b>
	Comfort Station	Vault toilet	1	EA	47000.00	47,000.00
11170	Outdoor Equipment	Litter barrel	4	EA	300.00	1,200.00
11170	Outdoor Equipment	Picnic table & benches	4	EA	1744.13	6,976.52
<b>Div. 11</b>	<b>Equipment Sub Total</b>					<b>55,176.52</b>
<b>Div. 12</b>	<b>Furnishings Sub Total</b>					<b>0.00</b>
	Interpretive Displays	Interpretive Displays	2	EA	2500.00	5,000.00
	Artwork/Panels	Artwork/Panels	442	SF	105.00	46,410.00
	Monument Sign	Monument Sign	1	LS	2500.00	2,500.00
	Misc. Signage	Signage (Req'd. by code)	1	LS	500.00	500.00
<b>Div. 13</b>	<b>Special Construction Sub Total</b>					<b>54,410.00</b>
<b>Div. 14</b>	<b>Conveying Systems Sub Total</b>					<b>0.00</b>
15000	Plumbing	General	0	LS	70000.00	0.00
15000	Mechanical	General	0	LS	35000.00	0.00
15000	Plumbing	Well pump housing	0	LS	20800.00	0.00
15000	Plumbing	Well housing	0	LS	90000.00	0.00
15000	Plumbing	LCP tracker	0	LS	1000.00	0.00
<b>Div. 15</b>	<b>Mechanical / Plumbing Sub Total</b>					<b>0.00</b>
16000	Electrical	General	0	LS	35000.00	0.00
16000	Electrical	NV Energy	0	LS	148000.00	0.00
16000	Electrical	Rem ATT lid/fiber optic	0	LS	6550.00	0.00
<b>Div. 16</b>	<b>Electrical Sub Total</b>					<b>0.00</b>

**NDOT**  
**REST AREA INITIATIVE**  
**Limited Service Rest Stops**  
**Additional Features that may be provided**  
**Estimate of Probable Construction Cost**

Item	Description	Costs	Quantity	Total
Picnic Tables and Shelters	Picnic Tables and Shelters	\$ 27,500.00	1	\$ 27,500.00
Emergency Telephone	Building Mounted / Satellite	\$ 750.00	1	\$ 750.00
Interior Restroom Lighting	LED Fixtures	\$ 600.00	2	\$ 1,200.00
Exterior Parking and Site Lighting	LED Fixtures, 20 ft. Poles. Concrete Bases. Circuiting: 600 ft. #8 in PVC Conduit	\$ 4,800.00	5	\$ 24,000.00
Playground Equipment	Playground features slides, climbers, play panels and more for elementary-aged kids.	\$ 27,500.00	1	\$ 27,500.00
Exercise Stations	Fitness Equipment & Sports Equipment	\$ 11,500.00	1	\$ 11,500.00
Wireless Internet	Wireless Router, Data Drop.	\$ 750.00	1	\$ 750.00
Landscaping with Native Vegetation and Natural Materials	Landscaping with Native Vegetation and Natural Materials per sq.ft.	\$ 4.50	600	\$ 2,700.00
Interpretative Signing, Displays, Trails, Exhibits and Location Information	Interpretative Signing, Displays, Trails, Exhibits and Location Information	\$ 10,000.00	1	\$ 10,000.00
				\$ -
				\$ -
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				\$ -
				\$ -

## Welcome Station Staffing Plan

To ensure the Nevada rest area experience meets the expectations of the traveling public, it is recommended that the facilities deemed as Welcome Stations provide on-site staffing during normal business hours. Having on-site trained interpreters and volunteer staff will greatly enhance the educational opportunities and ensure the facility is operating at peak functionality. Consideration for space requirements, personnel needs and staffing costs must be woven into the overall program plan.

It is anticipated that current Trinity rest stop at the intersection of I-80 and Highway 95, would be among the first new facilities built and will be a Welcome Station sized facility.

### Staffing Structure

Based on the interpretive expertise required of these staffers, this staff group would be housed within the Division of Museums and History with duties falling within the Museum Attendant II class specification. This specification concept is:

Museum Attendants assist visitors at museums and provide information and direction as requested; perform routine security activities to ensure the safety of visitors and protect exhibits.

Prepare museum for visitors by turning on lighting, inspecting premises for damage, assisting in clean-up and ensuring readiness to receive visitors.

Assist visitors by providing information and directions; answer questions regarding exhibits, program and services, history, and locations of public facilities; and help visitors with special needs.

Operate surveillance systems to ensure the protection of visitors and property within the museum patrol museum and check exhibits for security and vandalism; refer security issues to proper authorities and secure the building at the end of the day; prepare accident reports and maintain security log.

Collect admission and other fees and make change as necessary; keep records of cash received and prepare appropriate paperwork; assist in the museum store as cashier/sales clerk as assigned.

Perform clerical tasks such as answering phones, typing and mailing letters and packages; make bank deposits and pick up and prepare payroll forms as requested; check out educational materials to customers; perform basic computer tasks and data entry; and perform custodial duties as needed.

Museum Attendant II's also may be assigned responsibility for the daily operation of the museum store which includes conducting sales, stocking shelves, taking inventory, preparing purchase requisitions and creating displays. (While retail is not a component of the Welcome Station facility, at this point, all

other display management duties are applicable to the Welcome Station environment).

This is the advance journey level in the series.

Perform related duties as assigned.

- Additional duties for Welcome Station attendants would include:
  - Assist with recruitment, training and scheduling volunteers. The staff would ensure volunteers have the education and resources needed to assist facility visitors and the facility has enough staff to accommodate guests.
  - Maintaining the facility. Because scheduled maintenance is performed only as outlined in the maintenance vendor contract, the on-site staff also would be responsible to provide simple maintenance duties and be the point of contact for more serious maintenance issues.

The rest area staff would report to the Administrator, Division of Museums and History.

#### Staffing Cost

The recommended position level is a Grade 23 with a salary range of \$27,895 to \$40,110 (\$35,000 will be used for calculating purposes). During the upcoming biennium, it is anticipated that only one Welcome Station will be built (Trinity) resulting in the need for two full time and three to four volunteer staffers.

#### *FY 16*

Two (2) Museum Attendants II for staffing at the Trinity Welcome Station. Volunteers also will be found to ensure more than one person is at the facility at all times. The paid staff would manage the facility.

Add 23% to equip/house 3 new positions: \$8,050

Total FY16 Allocation: \$86,100 (Assuming full year employment)

#### *FY17*

Two (2) Museum Attendants II for staffing at the Trinity Welcome Station. Volunteers also will be found to ensure more than one person is at the facility at all times. The paid staff would manage the facility.

Add 23% to equip/house 3 new positions: \$8,050

Total FY16 Allocation: \$86,100 (Assuming full year employment)

Total Biennial Allocation: \$172,200



**STATE OF NEVADA**  
**Department of Administration**  
**Division of Human Resource Management**

**CLASS SPECIFICATION**

<u>TITLE</u>	<u>GRADE</u>	<u>EEO-4</u>	<u>CODE</u>
→ MUSEUM ATTENDANT II	23	E	7.846
MUSEUM ATTENDANT I	21	E	7.847

**SERIES CONCEPT**

Museum Attendants assist visitors at museums and provide information and directions as requested; perform routine security activities to ensure the safety of visitors and protect exhibits.

Prepare museum for visitors by turning on lighting, inspecting premises for damage, assisting in clean-up and ensuring readiness to receive visitors.

Assist visitors by providing information and directions; answer questions regarding exhibits, programs and services, history, and locations of public facilities; and help visitors with special needs.

Operate surveillance systems to ensure the protection of visitors and property within the museum; patrol museum and check exhibits for security and vandalism; refer security issues to proper authorities and secure the building at the end of the day; prepare accident reports and maintain security log.

Collect admission and other fees and make change as necessary; keep records of cash received and prepare appropriate paperwork; assist in the museum store as cashier/sales clerk as assigned.

Perform clerical tasks such as answering phones, typing and mailing letters and packages; make bank deposits and pick up and prepare payroll forms as requested; check out educational materials to customers; perform basic computer tasks and data entry; and perform custodial duties as needed.

Perform related duties as assigned.

\*\*\*\*\*

**CLASS CONCEPTS**

→ **Museum Attendant II:** Under general supervision, incumbents perform the full range of duties outlined in the series concept. In addition, incumbents, working closely with a Curator and/or assigned supervisor, perform a variety of tasks including the composition of newsletter articles; assist with program and special event planning and implementation; lead school tours and set up for lectures; schedule and coordinate docents and volunteers; prepare paperwork for the acquisition of artifacts and catalogs; index research material; and perform other duties as requested by the Curator. Museum Attendant II's may also be assigned responsibility for the daily operation of the museum store which includes conducting sales, stocking shelves, taking inventory, preparing purchase requisitions and creating displays. This is the advanced journey level in the series.

**Museum Attendant I:** Under general supervision, incumbents perform the full range of duties outlined in the series concept. This is the journey level in the series.

\*\*\*\*\*

MUSEUM ATTENDANT II  
MUSEUM ATTENDANT I  
Page 2 of 3

23	E	7.846
21	E	7.847

## MINIMUM QUALIFICATIONS

### SPECIAL REQUIREMENTS:

- \* Some positions require work on weekends and/or holidays.
- \* Education above the high school level may be substituted for the required experience on the basis of one year of college education is equivalent to six months of related experience.

### → MUSEUM ATTENDANT II

**EDUCATION AND EXPERIENCE:** Graduation from high school or equivalent education and two years of experience working with the public both in person and on the telephone, which included operating a personal computer, providing information and preparing routine correspondence; **OR** an equivalent combination of education and experience. (*See Special Requirements*)

**ENTRY LEVEL KNOWLEDGE, SKILLS AND ABILITIES** (required at time of application):

**Ability to:** communicate information concerning museum programs and services to the public; coordinate and schedule volunteer staff, set up lectures and assist in special events planning; write newsletter articles, correspondence, basic reports and forms; operate a personal computer; perform basic research in order to assist in report preparation and collection identification; *and all knowledge, skills and abilities required at the lower level.*

**FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES** (typically acquired on the job):

**Working knowledge of:** Nevada and local history; museum exhibits, programs, and services; security practices and emergency response procedures; mission, policies, procedures, rules and regulations of the museum. **Ability to:** operate the museum's cash register and security system; organize and supervise tours and volunteers.

### MUSEUM ATTENDANT I

**EDUCATION AND EXPERIENCE:** Graduation from high school or equivalent education and one year of experience working with the public both in person and on the telephone; **OR** an equivalent combination of education and experience. (*See Special Requirements*)

**ENTRY LEVEL KNOWLEDGE, SKILLS AND ABILITIES** (required at time of application):

**Ability to:** speak effectively with visitors in a courteous and tactful way in a high volume public contact setting; work cooperatively with others; read and write English sufficient to understand written instructions and maintain routine records and logs; add, subtract, multiply and divide whole numbers; operate standard office machines; and maintain alpha numeric files. **Skill in:** customer service and telephone etiquette.

**FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES** (typically acquired on the job):

**Working knowledge of:** museum exhibits, programs and services; museum policies, procedures, rules and regulations, security practices, and emergency response procedures. **General knowledge of:** Nevada history. **Ability to:** operate a cash register; operate security systems; communicate information to the public regarding exhibits, programs and services, other State museums' hours of operation, locations, and entrance fees; assist in the supervision of tours and volunteers; write correspondence and basic reports; and work independently.

MUSEUM ATTENDANT II  
MUSEUM ATTENDANT I  
Page 3 of 3

23	E	7.846
21	E	7.847

This class specification is used for classification, recruitment and examination purposes. It is not to be considered a substitute for work performance standards for positions assigned to this class.

	<u>7.846</u>	<u>7.847</u>
ESTABLISHED:	6/30/69	1/1/61
REVISED:	7/1/89P	7/1/89P
	8/19/88PC	8/19/88PC
REVISED:	7/1/95P	7/1/95P
	9/16/94PC	9/16/94PC
REVISED:	7/15/05PC	7/15/05PC



## **Interpretive/Educational Brief**

Nevada's rest area facilities meet the needs of many types of travelers all of which are seeking different experiences while driving along Nevada's roadways. Along with providing a safe, clean facility, a key component of the properties is to educate and enlighten travelers about Nevada's natural, cultural and historic resources and provide wayfaring resources for travelers seeking directions as well as lodging, dining, shopping and entertainment options.

Much of the landscaping and interpretive features have been researched and recommended by NDOT in its Corridor Plan. The results of these studies will be incorporated to ensure each site offers the natural, historic and cultural components unique to the area.

To provide a stellar visitor experience, the facilities will be outfitted with interpretive programming that coincides with the level of visitor experience offered at the type of facility:

### **Welcome Station**

- Staffing - Welcome Stations will be staffed by trained interpreters able to share the area's cultural, natural and historic resources with visitors during normal business hours.
- Multi-media Programming – Welcome Stations will offer interpretive information via kiosks located inside the facility. These kiosks will offer not only information about the area, but Internet access (where available) to link with area lodging, shopping, dining and mapping websites.
- Mobile app – Where available, visitors will be able to download area information, lodging, shopping, dining and maps onto a smart phone via a DiscoverNevada mobile app. Information about downloading the mobile app will be available on the exterior of the building for 24/7 access.
- Printed informational brochures – A variety of local and statewide informational pieces will be available in racks located inside the facility.
- Exterior interpretive information will be provided on display markers located at the picnic and walkway areas. This information will provide insights into the unique historic, natural and cultural feature(s) of each location as well as state and local maps.
- Exterior interpretive displays - Information will be provided on display markers located at the picnic and walkway areas. This information will provide insights into the unique historic, natural and cultural feature(s) of each location as well as state and local maps.
- The interpretive essence of the location will be conveyed through the use of building materials – incorporating the stone unique to the area, landscaping and use of the images depicted on the picnic area wind screens.

### **Rest Area**

- Multi-media Programming – Rest Areas will offer interpretive information via kiosks located inside the facility. These kiosks will offer not only information about the area, but Internet access (where available) to link with area lodging, shopping, dining and mapping websites.
- Mobile app – Where available, visitors will be able to download area information, lodging, shopping, dining and maps onto a smart phone via a DiscoverNevada mobile app. Information

about downloading the mobile app will be available on the exterior of the building for 24/7 access.

- Printed informational brochures – A variety of local and statewide informational pieces will be available in racks located inside the facility.
- Exterior interpretive displays - Information will be provided on display markers located at the picnic and walkway areas. This information will provide insights into the unique historic, natural and cultural feature(s) of each location as well as state and local maps.
- The interpretive essence of the location will be conveyed through the use of building materials – incorporating the stone unique to the area, landscaping and use of the images depicted on the picnic area wind screens.

**Rest Stop**

- Exterior interpretive displays - Information will be provided on display markers located at the picnic and walkway areas. This information will provide insights into the unique historic, natural and cultural feature(s) of each location as well as state and local maps.
- The interpretive essence of the location will be conveyed through the use of building materials – incorporating the stone unique to the area, landscaping and use of the images depicted on the picnic area wind screens.

All facilities may be incorporated into the Nevada Sesquicentennial as a legacy project. This designation would offer opportunities to provide information and signage specific to the state’s 150<sup>th</sup> birthday as well as how the state’s future is shaped by historical milestones.

Interpretive messaging and programming will be a multi-agency undertaking with the Division of Museums and History as the lead, with input from the Department of Transportation, Department of Conservation State Parks/State Historic Preservation Office, Department of Wildlife, Nevada Indian Commission and the Department of Agriculture, as well as local communities.

**Potential Budget**

<b>Program</b>	<b>FY16</b>	<b>FY17</b>
On-site Staffing	\$86,100	\$86,100
Multi-media Programming Kiosks - \$10,000 per location (4 – FY16, 3 – FY17) Internet Services - \$5,000 per location per year	\$60,000	\$70,000
Mobile App FY16 - Development FY17 - Maintenance	\$100,000	\$25,000
Exterior Displays – Construction - included in the construction contract	\$0	\$0
<b>TOTAL</b>	<b>\$246,100</b>	<b>\$181,100</b>

Corporate sponsors will be sought to cover costs of the programming.

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19 inch  
Touch Screen



- ▶ Tamper-proof
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- ▶ Moveable
- ▶ Durable
- ▶ Safe



**SOFTWARE YOUR KIOSK WILL COME WITH**

See page 3



Zamok Basic



Redo Restore



GreenTimer



Uncrashable



One Finger  
Touchscreen Keyboard



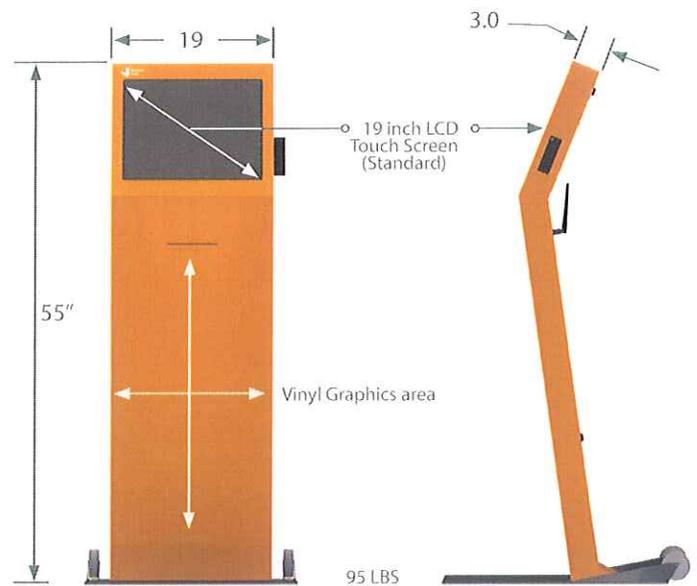
Windows 7 Pro



TeamViewer

## OPTIONS

- Credit Card reader
- Printer shelf for Zebra printer
- Free flow wheels
- Two external USB ports - Now standard
- Full metal Keyboard with trackball (not shown)
- Bar code scanner
- Processor and memory upgrades
- Camera
- Receipt printer
- Biometrics
- VOIP or analog handset
- Privacy screen
- Graphic Laminate
- Brushed stainless steel finish
- ID Scanner



## 10 COLOR CHOICES



## STANDARD FEATURES

- Windows XP Professional or Windows 7 Operating system, your choice, same price
- 1.6 GHz Dual Core processor with 2 Gig of RAM
- ELO 19" LCD monitor with touch-screen operation
- Internal Amplified Stereo Speakers
- Wi-Fi with Hi-Gain antenna
- Integrated Network Connection
- All-steel construction for durability and trouble-free use
- 2 external USB ports **on back of kiosk** for peripherals
- Mounting bracket for securing unit to floor, wall or freestanding base

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**MADE-TO-ORDER SOLUTIONS** Create your own brand image with customized screens and targeted merchandising messages. Touch screen operation is simple and user friendly. The optional equipment offers enhanced capability.

**RUGGED AND SECURE** Long lasting steel construction and an industry leading three year warranty provides certainty that your kiosk will handle operation in any indoor environment seamlessly.

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**PRACTICAL AND FLEXIBLE** With its thin profile and small footprint, the FreeStanding Kiosk saves on valuable floor space. Bolt it to the floor and/or wall, or simply leave it freestanding on the attached base.



Easy to move with the optional wheels.



FreeStanding Kiosk with custom graphics



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Securely display a website or an application hosted in the cloud. **Easy to setup and easy to use.** Features include: screen saver, navigation bar, easy printing feature, domain restriction and more. A \$260 value included with each kiosk.



### ONE FINGER TOUCH SCREEN KEYBOARD

The perfect application for any interactive kiosk with many features. Different designs to choose from and can even speak whatever is typed.

**Easy to setup and fun to use.**



### REDO RESTORE

Problems happen. Corrupt files, malicious 3<sup>rd</sup> party software, or user attacks. No worries, ReDo Restore will reimage your Kiosk back to the original configuration you received on day one; drivers and **Advanced Kiosk software included.**



### WINDOWS 7 PRO

Windows 7 is by far the most widely recognized and used Operating System. Configuring your kiosk will be as familiar and **easy** as using your own computer. Genuine, **non-embedded** Windows 7 Professional.

*Other OS's available, contact sales for details.*



### GREEN TIMER

Just like you wouldn't leave the lights on in an empty room, there is no need to run most self-service kiosks 24/7. Use GreenTimer to **easily** create a schedule to **automatically** turn your kiosk on and off daily.



### TEAMVIEWER

Every Advanced Kiosk comes loaded and configured with TeamViewer for **remote support.** With Permission, TeamViewer makes it easy to remote into your kiosk to evaluate issues and provide **immediate solutions.**



### UNCRASHABLE

Uncrashable **monitors the status** of a selected program. If the program locks up or begins to crash, Uncrashable will lockdown the screen, restart the program and send a notification email to the administrator.

Custom Software and Project Management Available!

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# TECHNICAL SPECIFICATIONS

## MONITOR SPECIFICATIONS

<b>Display Size</b>	19.0" diagonal
<b>Type</b>	Active matrix TFT LCD
<b>Aspect ratio</b>	5:4
<b>Useful screen area</b>	
<b>Horizontal</b>	13.3" (338 mm)
<b>Vertical</b>	10.6" (270 mm)

<b>Optimal (native) resolution</b>	1280 x 1024
<b>Other supported resolutions</b>	1280 x 1024 at 60, 70 or 75 Hz 1280 x 960 at 60 Hz 1152 x 864 at 75 Hz 1024 x 768 at 60, 65 (Sun), 70 or 75 Hz 832 x 624 at 75 Hz (Mac) 800 x 600 at 56, 60, 72 or 75 Hz 720 x 400 at 70 Hz 720 x 350 at 70 Hz 640 x 480 at 60, 66 (Mac), 72 or 75 Hz
<b>Colors</b>	16.7 million

<b>Brightness LCD panel with IntelliTouch</b>	280 cd/m2 (typical) 257 cd/m2 (typical)
<b>Response time</b>	25 msec (typical)

### Viewing angle

<b>(typical, from center)</b>	±89° or 178° total
<b>Horizontal (left/right)</b>	
<b>Vertical (up/down)</b>	±89° or 178° total

<b>Contrast ratio</b>	1300:1 typical
<b>Input video format</b>	RGB analog only
<b>Input sync format</b>	Separate horizontal and vertical sync, composite sync and sync-on-green

<b>Power dissipation Monitor only</b>	30 W typical, 36 W max.
<b>Monitor and power brick</b>	33 W typical, 40 W max.
<b>Backlight lamp life</b>	typical 50,000 hours to half brightness
<b>MTBF</b>	50,000 hours demonstrated

### Agency approvals

UL, cUL, SEMKO, CB, TÜV-T, CE/FCC/VCCI/C-Tick (Class B)	
<b>On-screen display (OSD)</b>	Digital OSD

<b>User's controls</b>	OSD buttons menu, left, right, select, power
<b>OSD</b>	contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French)
<b>OSD disable/enable</b>	power, OSD menu

## COMPUTER SPECIFICATIONS

Hard Drive 60 Gig, SSD Memory 2 Gig Standard  
Call for upgrade options

The following is the specification of our standard AMD Dual Core processor. Other options are available. Call for details.

<b>Processor</b>	1.6 GHz AMD Zacate E350 Dual Core APU
<b>Chipset</b>	AMD Hudson M1
<b>System Memory</b>	2 DDR3 1066/1333 DIMM Up to 8 GB of memory
<b>VGA</b>	DX11 AMD Radeon HD 6310 Graphics
<b>Expansion Slots</b>	PCI Express x4 (x16 physical)
<b>Onboard Serial ATA</b>	4 SATA (6 Gb/sec.) connectors
<b>Onboard USB</b>	10 USB 2.0 2 USB 3.0
<b>Onboard LAN</b>	Realtek RTL8111C PCIe 10/100/1000
<b>Onboard Audio</b>	Realtek ALC887 7.1 channel HD codec
<b>Back Panel I/O</b>	<ul style="list-style-type: none"> <li>• 6 USB 2.0 ports</li> <li>• 2 USB 3.0 ports</li> <li>• 1 VGA port</li> <li>• 1 HDMI port</li> <li>• 1 LAN port</li> <li>• 1 PS2 keyboard/mouse port</li> <li>• 6 Audio jacks: 1x6-in-1 audio jack, S/PDIF-out (Optical and Coaxial)</li> </ul>
<b>Onboard I/O Connectors</b>	<ul style="list-style-type: none"> <li>• 2 USB 2.0 connectors for 4 USB ports</li> <li>• 4 SATA 6 Gb/sec. connectors</li> <li>• 1 RS-232 COM pin header</li> <li>• 1 TPM module connector</li> <li>• Front panel audio pin header</li> <li>• Front panel pin header</li> <li>• 2 Fan pin headers</li> <li>• 1 ATX 24-pin power connector</li> <li>• 1 ATX 4-pin 12 V CPU power connector</li> </ul>
<b>BIOS</b>	Award BIOS 8 Mb flash memory
<b>System Monitoring &amp; Management</b>	Power Management, Wake on USB, Wake on PCI, Wake on keyboard, Wake on mouse, Wake on Ring, CPU temperature monitoring, System temperature monitoring, Smart Fan.
<b>Operating Temperature</b>	0oC ~ 60oC

ENGAGE YOUR CUSTOMERS  
WITH **COLORFUL MULTIMEDIA**  
**DOCUMENT KIOSK**

19 inch  
LCD Monitor



- Tamper Proof ◀
- Customizable ◀
- Durable ◀
- Safe & Secure ◀



**SOFTWARE YOUR KIOSK WILL COME WITH**

See page 3



Zamok Basic



Redo Restore



GreenTimer



Uncrashable



One Finger  
Touchscreen Keyboard



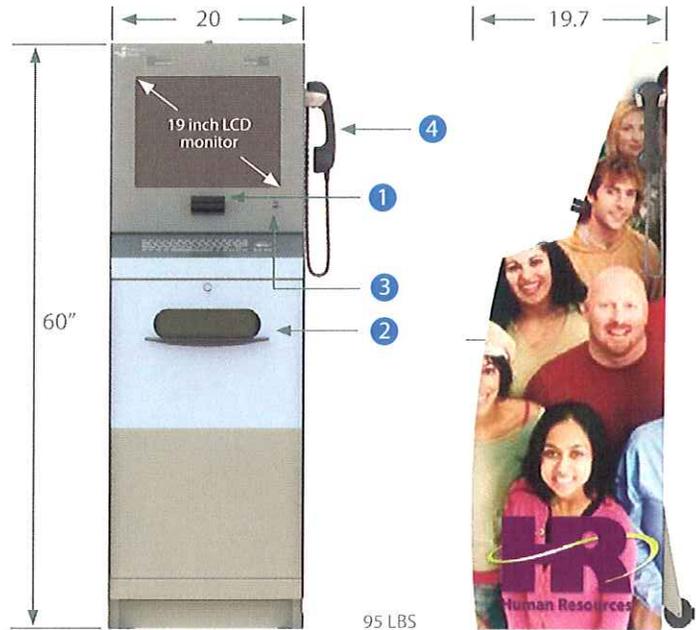
Windows 7 Pro



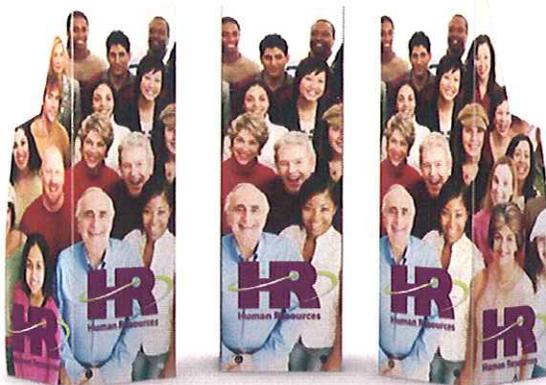
TeamViewer

## OPTIONS

- Barcode Scanner
- Credit Card reader ①
- Touch Screen
- Wheels
- Document Scanner
- Biometrics
- Camera
- Signature Pad
- Lexan Protective Screen
- Privacy Screen
- broadband connection
- Full size Thermal Printer 8.5 ②  
*Yields 1100 pages per roll*
- Two External USB ports - Now Standard ③
- VOIP Handset or standard phone handset ④
- Faster processors or memory upgrades
- Full color laminate graphic image on the kiosk
- Vinyl Logo



Call us for details or go to our [colors and laminate page](#) to see what other customers have done.



Three sides with laminate graphics.  
*Customize your look!*

## CHECK OUT THESE BENEFITS

**MADE-TO-ORDER SOLUTIONS** Do you need a touch screen instead of a keyboard/ thermal printer instead of laser printer? Abundant configurations to get exactly the right kiosk for your project.

**DURABLE & SECURE** Rugged, long-lasting steel construction allows placement in any indoor environment. Our Document Kiosk comes with the best 3 year warranty in the industry!

**TESTED & SAFE** All components are fully tested and meet UL, FCC and ADA requirements.

**PRACTICAL AND FLEXIBLE** The Document Kiosk can be attached to a floor or wall – or free-standing for mobility.

## STANDARD FEATURES

- Windows XP Professional or Windows 7; your choice, same price
- 1.6 GHz Dual Core processor, with 2 Gig of RAM
- ELO 19" full color monitor with touch-screen operation
- Amplified Internal Stereo speakers
- WiFi with Hi-Gain Antenna
- Thermostatically Controlled Cooling Fan
- Durable steel construction for sturdy and worry-free use
- 2 external USB ports
- All metal keyboard with track ball
- Monochrome laser printer



The front panel unlocks for easy access to all electronics



Document kiosk with lamination on side



**MADE IN USA** All of our kiosks are manufactured here in the USA.  
We reinforce our reliable products with a **3 year** end to end warranty.

[www.advancedkiosks.com](http://www.advancedkiosks.com)

## SOFTWARE *included with every kiosk*

Whether you're exploring an idea or already have a software package, Advanced Kiosks makes getting your kiosk up and running easy. Check out all the software **INCLUDED** with **EVERY** kiosk system.



### ZAMOK BASIC

Securely display a website or an application hosted in the cloud. **Easy to setup and easy to use.** Features include: screen saver, navigation bar, easy printing feature, domain restriction and more. A \$260 value included with each kiosk.



### ONE FINGER TOUCH SCREEN KEYBOARD

The perfect application for any interactive kiosk with many features. Different designs to choose from and can even speak whatever is typed.  
**Easy to setup and fun to use.**



### REDO RESTORE

Problems happen. Corrupt files, malicious 3<sup>rd</sup> party software, or user attacks. No worries, ReDo Restore will reimage your Kiosk back to the original configuration you received on day one; drivers and **Advanced Kiosk** software **included.**



### WINDOWS 7 PRO

Windows 7 is by far the most widely recognized and used Operating System. Configuring your kiosk will be as familiar and **easy** as using your own computer. Genuine, **non-embedded** Windows 7 Professional.

*Other OS's available, contact sales for details.*



### GREEN TIMER

Just like you wouldn't leave the lights on in an empty room, there is no need to run most self-service kiosks 24/7. Use GreenTimer to **easily** create a schedule to **automatically** turn your kiosk on and off daily.



### TEAMVIEWER

Every Advanced Kiosk comes loaded and configured with TeamViewer for **remote support.** With Permission, TeamViewer makes it easy to remote into your kiosk to evaluate issues and provide **immediate solutions.**



### UNCRASHABLE

Uncrashable **monitors the status** of a selected program. If the program locks up or begins to crash, Uncrashable will lockdown the screen, restart the program and send a notification email to the administrator.

Custom Software and Project Management Available!

## OTHER ADVANCED KIOSKS SOFTWARE AND SERVICES



**LobbyAttendant**<sup>®</sup>  
Virtual Front Desk

The future of building reception



Stay up to date and online



Cloud, Scan, Print, VOIP & More!

Contact sales for more information about Advanced Kiosks Software you may be interested in.

[Sales@AdvancedKiosks.com](mailto:Sales@AdvancedKiosks.com) **1-866-783-3791**

[www.advancedkiosks.com](http://www.advancedkiosks.com)

# TECHNICAL SPECIFICATIONS

## MONITOR SPECIFICATIONS

LCD Display	19.0" TFT Active Matrix Panel
Display Size	376.3(H) x 301(V) mm
Pixel Pitch	0.29(H) x 0.294(V) mm
Max. Resolution	SXGA 1280x1024
Contrast Ratio	1.000 : 1 (standard)
Brightness	250 Cd/m <sup>2</sup> (standard)
Response Time	5ms (standard)
Display Color	16.7 M
Viewing Angle	170° (H), 160° (V)

Input Signal	Video	RGB Analog 0.7V peak-peak
	Sync	TTL positive or negative
Input connections	Analog	15 pin D-Sub
	Digital	24 pin DVI (optional)
	Video-in	RCA, S-video (optional)

Weight (Net)	6.8 Kg
Power	Imbedded AC Input, Universal 100~240V, 50-60Hz, 1.5A
Power adapter (for video-in model)	Input AC100~240V, 50-60, Output DC 12V/4.0A

Operating Conditions	Temperature	5°C - 35°C (41°F - 95°F)
	Humidity	TTL positive or negative
	Altitude	15 pin D-Sub
Storage Conditions	Temperature	24 pin DVI (option)
	Humidity	RCA, S-video (option)

## COMPUTER SPECIFICATIONS

Hard Drive 160 Gig, Memory 1 Gig Standard  
Call for upgrade options

The following is the specification of our standard AMD Dual Core processor. Other options are available. Call for details.

Processor	1.6 GHz AMD Zacate E350 Dual Core APU
Chipset	AMD Hudson M1
System Memory	2 DDR3 800/1333 DIMM Up to 8 GB of memory
VGA	DX11 AMD Radeon HD 6310 Graphics
Expansion Slots	PCI Express x4 (x16 physical)
Onboard Serial ATA	4 SATA (6 Gb/sec.) connectors
Onboard USB	10 USB 2.0 2 USB 3.0
Onboard LAN	Realtek RTL8111C PCIe 10/100/1000
Onboard Audio	Realtek ALC887 7.1 channel HD codec
Back Panel I/O	<ul style="list-style-type: none"> <li>• 6 USB 2.0 ports</li> <li>• 2 USB 3.0 ports</li> <li>• 1 VGA port</li> <li>• 1 HDMI port</li> <li>• 1 LAN port</li> <li>• 1 PS2 keyboard/mouse port</li> <li>• 6 Audio jacks: 1x6-in-1 audio jack, S/PDIF-out (Optical and Coaxial)</li> </ul>
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Operating Temperature	0oC ~ 60oC

## **LANDSCAPE AND AESTHETICS CORRIDOR PLAN**

On June 6, 2002, the Nevada Department of Transportation adopted as policy, "Pattern and Palette of Place: A Landscape and Aesthetics Master Plan for the Nevada State Highway System".

The Landscape and Aesthetics Corridor Plan prepared in 2006 represents a significant step forward for the Landscape and Aesthetics program as it involves local public agencies and citizens in the planning process.

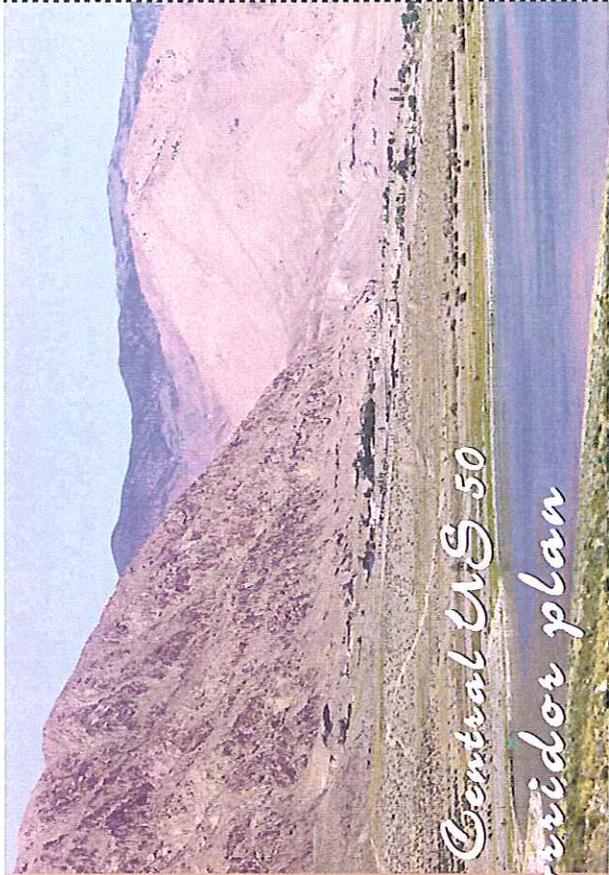
The Corridor Plan will be a management tool for use in guiding funding allocations, promoting appropriate aesthetic design, and providing for the incorporation of highway elements that uniquely express Nevada's landscape, communities and cities, as well as its people.

The Corridor Plan identifies major design themes and materials to be used in landscape and aesthetic treatments. It also recommends the level of treatment to be applied to highway features in the corridor, providing a broad cost estimate of treatments, and outlining strategies for funding of construction and long-term maintenance.

The Corridor Plan is a method for improving the aesthetic qualities of the State's highways, particularly in relation to adjacent cities, communities, and neighborhoods. The Corridor Plan is intended to affect both existing highways, as well as future expansion projects.

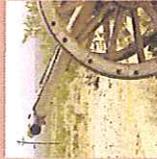


UNLV



*Central US 95, West US 6, and Central US 50  
Landscape and aesthetics corridor plan*

CORRIDOR PLAN



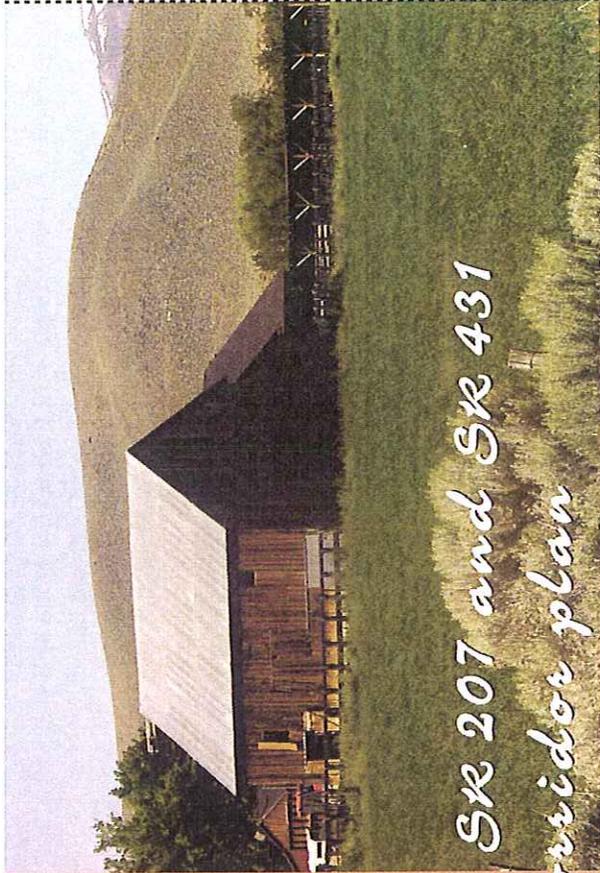
DESIGN WORKSHOP  
PLACES

Sand County Studios  
JW Zunino & Associates  
CH2MHill

December 15, 2006



UNIVLY



*US 395, West US 50, SR 28, SR 207 and SR 431  
Landscape and aesthetics corridor plan*



CORRIDOR PLAN

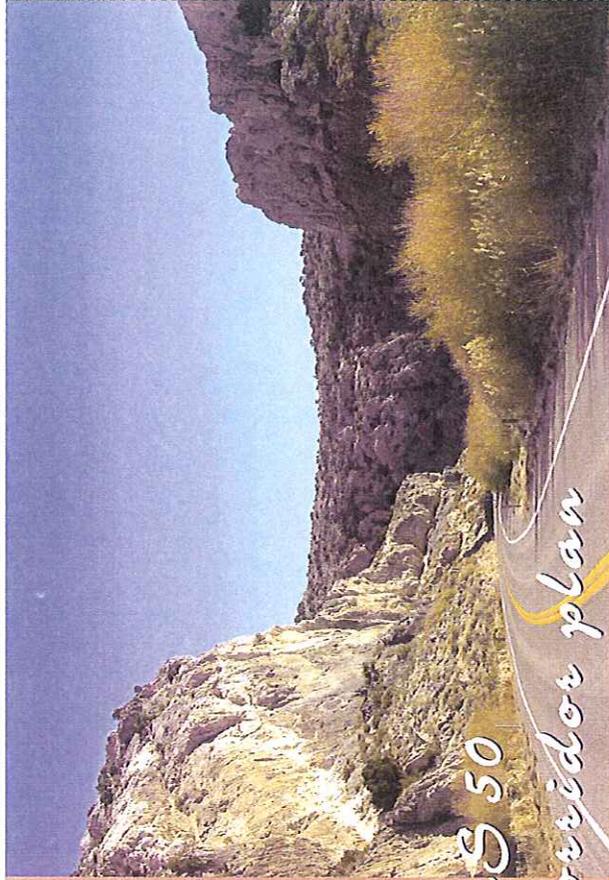
DESIGN WORKSHOP  
PLACES

Sand County Studios  
JW Zunino & Associates  
CH2MHill

October 23, 2006



UNIV



# US 93, East US 6, and East US 50 landscape and aesthetics corridor plan



CORRIDOR PLAN

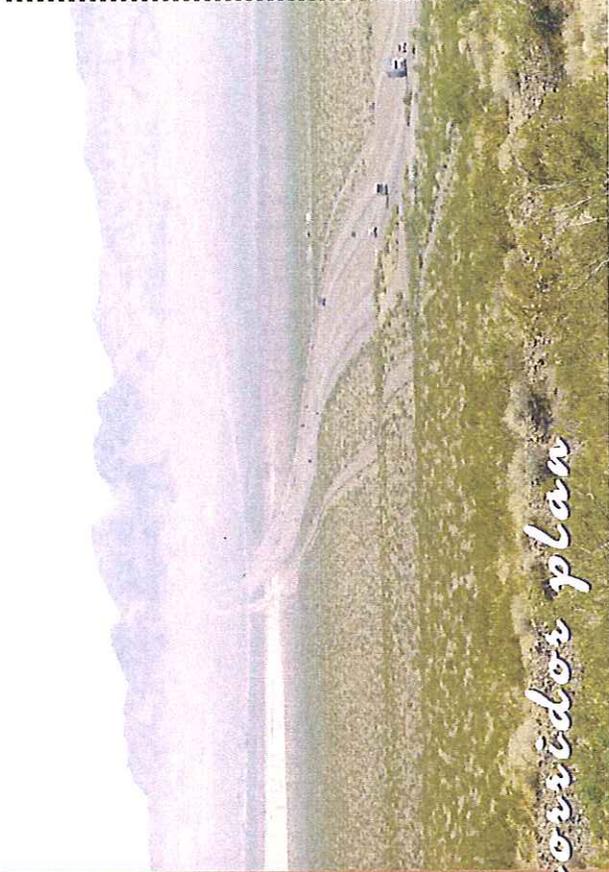
DESIGN WORKSHOP

June 24, 2008

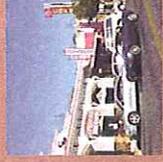


UNIVLY

UNIVERSITY OF NEVADA  
DESIGN CENTER  
700 S. CAHILL BLVD.  
RENO, NEVADA 89502  
TEL: 775-784-3100  
WWW.NV.DOT.GOV



*corridor plan*



CORRIDOR PLAN

*Southern US 95 and US 93  
Landscape and aesthetics*

DESIGN WORKSHOP  
PLACES

Sand County Studios  
JW Zunino & Associates  
CH2MHill

December 15, 2006



UNIV

1-80 (951)  
HEADQUARTERS  
WINDOVER  
815-795-8000  
WWW.NVADOT.NV.GOV



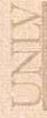
# 1-80 landscape and aesthetics corridor plan

CORRIDOR PLAN

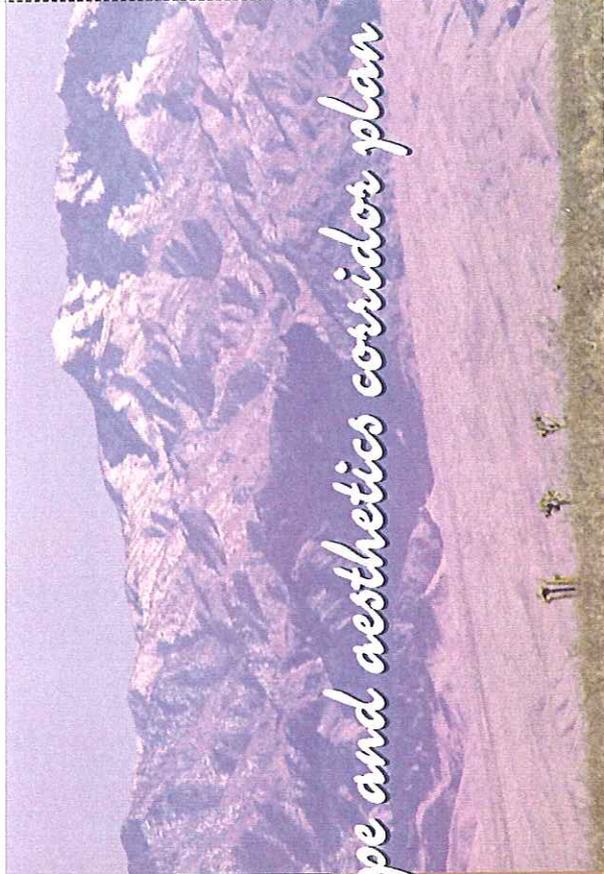


DESIGN WORKSHOP  
Mackay & Samps  
JW Zunino & Assoc.  
CH2MHill  
Jones & Jones

August 3, 2005



I-15 FROM  
PRIMM TO MESQUITE



# *I-15 landscape and aesthetics corridor plan*

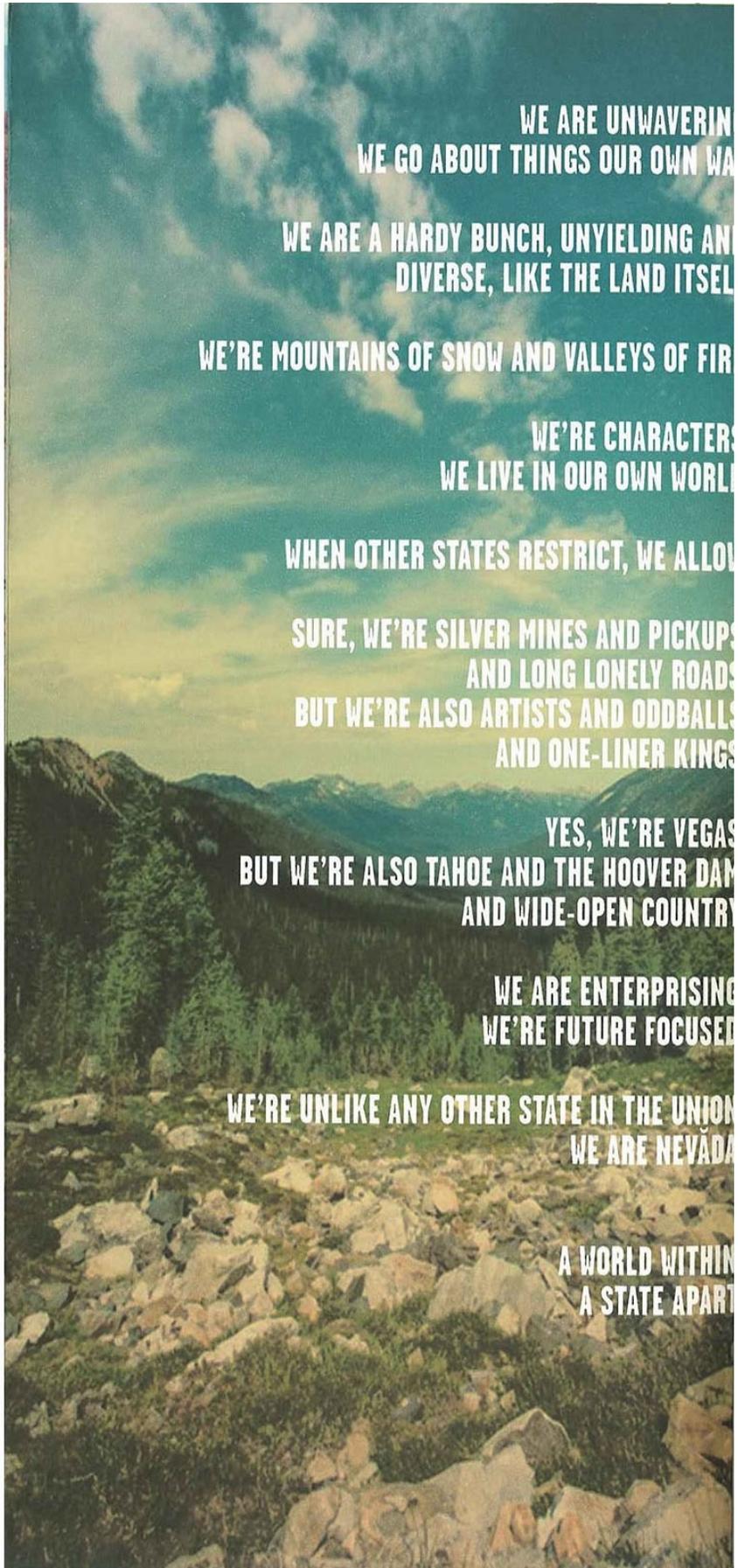
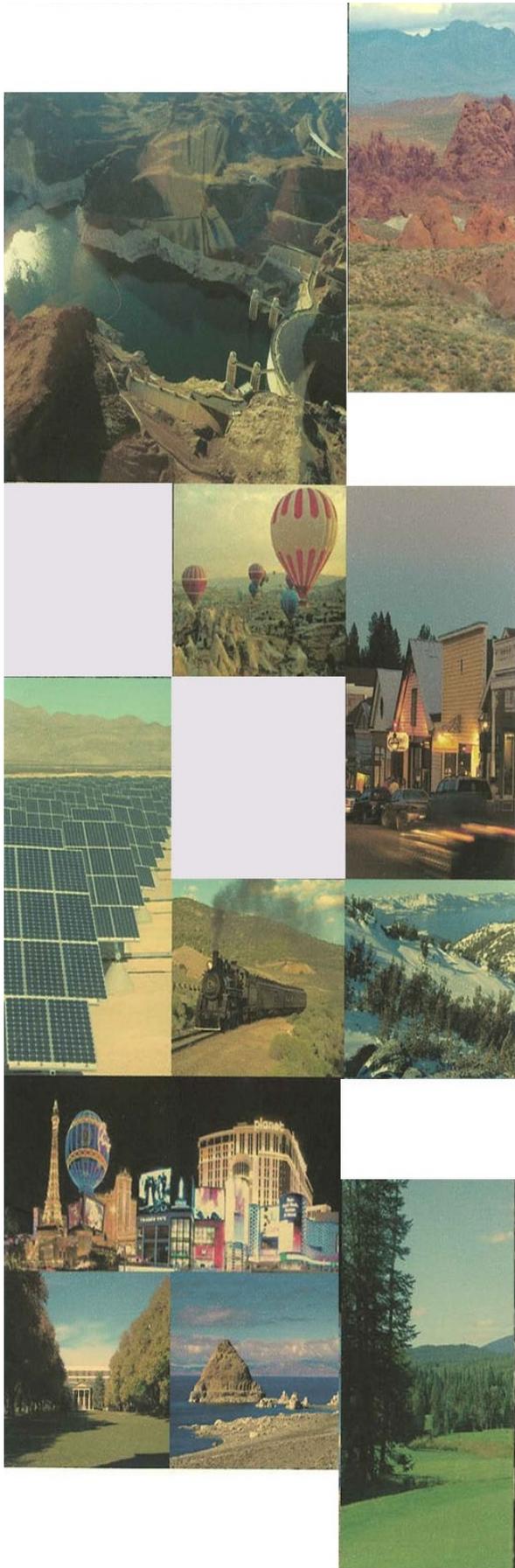
CORRIDOR PLAN



DESIGN WORKSHOP

MacKay & Soms  
JW Zunino & Assoc.  
CH2MHill  
Jones & Jones

August 3, 2005



**WE ARE UNWAVERING  
WE GO ABOUT THINGS OUR OWN WAY**

**WE ARE A HARDY BUNCH, UNYIELDING AND  
DIVERSE, LIKE THE LAND ITSELF**

**WE'RE MOUNTAINS OF SNOW AND VALLEYS OF FIRE**

**WE'RE CHARACTERS  
WE LIVE IN OUR OWN WORLD**

**WHEN OTHER STATES RESTRICT, WE ALLOW**

**SURE, WE'RE SILVER MINES AND PICKUPS  
AND LONG LONELY ROADS  
BUT WE'RE ALSO ARTISTS AND ODDBALLS  
AND ONE-LINER KINGS**

**YES, WE'RE VEGAS  
BUT WE'RE ALSO TAHOE AND THE HOOVER DAM  
AND WIDE-OPEN COUNTRY**

**WE ARE ENTERPRISING  
WE'RE FUTURE FOCUSED**

**WE'RE UNLIKE ANY OTHER STATE IN THE UNION  
WE ARE NEVADA**

**A WORLD WITHIN  
A STATE APART**