	Estimated	d Project C	osts		Comments
MOHAWK REST AREA					NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the Basis of Design and Unit Costs memorandum.
Project Description:	east with min parking space ramp realign directions with parking area	nor ramp real ces to WB by ment within e Il eliminate th s.	ignment within e extending parkir existing ROW. Ex e existing island	ending parking to the xisting ROW. Add 6 truc ig to the west with minor xpansion in both s at the ends of existing and install security	
Area of Disturbance: (In Acres)	Less than 1	Acre			To ID need for SWPPP: Over 1 acre requires SWPPP.
ITEM DESCRIPTION	UNIT PROJE	QUAN.	UNIT PRICE	TOTAL	_
SCOPING COSTS Scoping has been completed - N				ı	
S	UBTOTAL – F	ROJECT SC	OPING COSTS	\$	<u>0</u>
SCOPII DESIGN COSTS	NG LEVEL ES	TIMATED DI	ESIGN COSTS		1
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$143,200	\$143,20	0 Use 10 % of the cost from E53.
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter	LS	0	\$14,320		o If needed, use 1% of the construction cost.
\$0 in Unit Price column if none required.	 SUBTOTAL -	PROJECT D	ESIGN COSTS	\$ 143,20	
SCOPING L ROADWAY CONSTRUCTION	EVEL ESTIMA	ATED CONS	TRUCTION COS	STS	Total costs are for complete-in-place roadway construction
CONSTRUCT TRUCK PARKING SPACE	Each	16	\$52,000	\$832,00	∃
CONSTRUCT CAR PARKING SPACE CONSTRUCT OVERFLOW PARKING	Each	0	\$6,600		0
LOT CONSTRUCT NEW RAMP	SY LF	0	\$26 \$470		0
CONSTRUCT ACCESS ROADS	LS	0	\$470		0
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (I over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one	f LS	0		,	o If needed, use 5% of construction costs; input manually
MISCELLANEOUS RDWY WORK-	LS	0	\$0		0
		OADWAY CO	ONSTRUCTION	\$ 832,00	
INFRASTRUCTURE REHABILITA REHAB RAMADAS	LS	0	\$400,000.00		0
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS	0	\$400,000.00 \$75,000.00		<u>o</u> o
REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT	LS LS	0	\$250,000.00 \$1,000,000.00		
REHAB SIDEWALKS	LS	0	\$800,000.00		0
REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING	Each LS	0	\$400,000.00	\$400,00	<u>0</u> 0
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0			<u>o</u> o
REHAB ELECTRICAL	LS	0	\$170,000.00 HABILITATION		0
OTHER NEW CONSTRUCTION I		JOI UNE RE	ADILITATION	ι φ 400,00	<u>~</u> -
INSTALL HIGH-MAST LIGHTING	LS	0	\$1,000,000.00		0
INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET	LS Each	0	\$200,000.00	\$200,00	<u>0</u> 0
INSTALL COMPOSTING TOILET INSTALL SIGNS AND DISPLAYS	Each Each	0			<u></u>
NEW SITE PAVING	LS	0			0
NEW ADA IMPROVEMENTS INSTALL WIRELESS INTERNET SYSTEM		0			<u>0</u>
INSTALL SOLAR PANEL SYSTEM SUBTOTA	Each L - OTHER CO	ONSTRUCTION	 ON LINE ITEMS		<u>0</u>
			ON LINE ITEMS	1	
				.,,	1
MOBILIZATION AND ADMINISTR CONTRACTOR MOBILIZATION (Typically	ı	1	1	T	
10% of construction cost)	LS	1	\$143,200	\$143,20	+
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$71,600	\$71,60	Use 5% for parking spaces only. Use 8% is a new ramp is needed.
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$14,320	\$14,32	0
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$143,200	\$143,20	Use 10% due to level of detail of this estimate
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$257,760	\$257,76	0
SUBTOTAL – MO	BILIZATION 8	ADMINISTR	RATION COSTS	\$ 630,08	0
ТОТА	L ESTIMATE	D CONSTRU	CTION COSTS	\$ 2,062,08	
RIGHT-OF-WAY ACQUISITION (if necessary)	LS	0			This project does NOT require new Right-of-Way
TOTAL ES	TIMATED PR	OJECT COS	T (All subtotals)	\$2,205,28	<u></u>
TOTAL EC			. ,, <u>captotala</u>)	_ ΨΖ,ΖΟΌ,ΖΟ	

	Estimated	Project Co	sts	
I-10 at Ehrenberg Rest Area				
Project Description:	spaces) to the parking to the the east with NE corner no require a new the exit to To Upgrade hig	ne east within the west without in existing Ro orth of the rest w entrance ration Wells Roa	existing ROV at impacting the DW with an or at area, north mp to I-10 an ad. ag, upgrade in	and car parking (15 V. Expand WB truck ne existing ramp and to verflow parking lot in the of the wash. EB will d an auxilliary lane to terior lighting with LED
Area of Disturbance: (In Acres)	6.3 Acre			
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL
SCOPING COSTS Scoping has been completed - N				
	TOTAL - PRO		ING COSTS	\$0
SCODING	NIEVEL EST	IMATED DE	SIGN COSTS	
DESIGN COSTS	S LEVEL EST	IMATED DE	SIGN COSTS	1
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$383,931	\$383,931
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$38,393	\$38,393
SUI	BTOTAL - PF	ROJECT DES	IGN COSTS	\$ 422,325
-				
SCOPING LEV	VEL ESTIMA	TED CONST	RUCTION CO	OSTS
ROADWAY CONSTRUCTION GRADING ROADWAY FOR PAVEMENT	SY	30.473	\$10	\$304.730
GORE PAVING	SY	67	\$180	\$12,060
PARKING PAVING	SY	19,683	\$70	\$1,377,810
RAMP PAVING	SY	4,403	\$118	\$519,554
CONSTRUCT ACCESS ROAD	SY	2,547	\$180	\$458,460
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one acre.	LS	1	\$158,600	\$158,600
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway and other traffic signs)	LS	1	\$500,000	\$500,000
INFRASTRUCTURE REHABILITA	TOTAL - ROA ATION	ADWAY CON	STRUCTION	\$ 3,331,214
REHAB RAMADAS REHAB RESTROOM BLDG	LS LS	0		\$0 \$0
REHAB WELL PUMP HOUSE	LS	0		\$0
REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT	LS LS	0		\$0 \$0
REHAB SIDEWALKS REMOVE RESTROOM BLDG	LS Each	0		\$0 \$0
UPGRADE INTERIOR LIGHTING	LS	1	\$100,000.00	\$100,000
REHAB STRUCTURAL REHAB MECHANICAI	LS	0		\$0 \$0
PROVIDE ELECTRICAL SUBTOTAL – II	LS	1	\$170,000.00	\$170,000
		TURE REHA	BILITATION	\$ 270,000
OTHER NEW CONSTRUCTION IT INSTALL HIGH-MAST LIGHTING	LS LS	1	\$500,000.00	\$500,000
INSTALL LIGHTING W/ SOLAR PANEL INSTALL SECURITY CAMERAS	Each LS	0	\$5,000.00 \$200,000.00	\$0 \$200,000
INSTALL VAULTED TOILET	Each	0	\$350,000.00	\$0
INSTALL COMPOSTING TOILET TRASH RECPTACLES	Each Each	6	\$1,000.00	\$0 \$6,000
INSTALL SIGNS AND DISPLAYS	Each	0	\$25,000.00	\$0
INSTALL FENCING NEW SITE PAVING	LF LS	1,070	\$30.00 \$1,000,000.00	\$32,100 \$0
NEW ADA IMPROVEMENTS	LS	0		\$0
INSTALL WIRELESS INTERNET SYSTEM INSTALL SOLAR PANEL SYSTEM	Each Each	0		\$0 \$0
SUBTOTAL - 0 SUBT	OTHER CONS			\$ 238,100 \$ 3,839,314
MORII IZATION AND ADMINIST	ATION COS	TS		
MOBILIZATION AND ADMINISTR CONTRACTOR MOBILIZATION (Typically		1	Ι.	
10% of construction cost)	LS	1	\$383,931	\$383,931
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$191,966	\$191,966
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$38,393	\$38,393
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$383,931	\$383,931
CONSTRUCTION ADMINISTRATION	LS	1	\$691.077	\$691.077
(Averaging 18% of construction cost) SUBTOTAL – MOBILI				\$ 1,689,298
	STIMATED C			\$ 1,669,296
RIGHT-OF-WAY ACQUISITION (if	Acre	0	\$0.00	\$ 5,526,612
necessary) TOTAL ESTIN				\$5,950,937
				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Designer Notes:

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the *Basis of Design and Unit Costs* memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The new EB entrance ramp is close enough to Tom Wells Rd TI to require an auxilliary lane to provide adequate acceleration length. The WB expansion of the existing diagonal truck parking is reduced to 7 spaces to avoid impacting the existing ramp gore. The WB overflow lot will accommodate 8 diagonal spaces and will require a circular traffic pattern. Two pipes at wash crossings are required.

To ID need for SWPPP: Over 1 acre requires SWPPP.

Use 10 % of the cost from E54.

If needed, use 1% of the construction cost.

Total costs are for complete-in-place roadway construction

This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD

This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving

If needed, use 5% of construction costs; input manually

Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs

From RA Study

From RA Study

From RA Study

6' high chain link fence between new EB truck parking and I-10

This is the sum of Construction SUBTOTALS above

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

	Estimate	d Project C	osts	
BOUSE WASH REST AREA				
Project Description:	rest area RC will be to the Caretaker's the CAP for	OW to provide southeast. The Residence and access to the	overflow parking ne WB overflow lo d will require an	est areas by expanding lots. The EB overflow lot of will be north of the pasement or ROW from gh-mast lighting, upgrade ecurity cameras.
Area of Disturbance: (In Acres)	7+ Acres			
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL
SCOPING COSTS Scoping has been completed - No SI	Scoping C	osts	COPING COSTS	\$0
SCOPIN DESIGN COSTS	IG LEVEL ES	STIMATED DI	ESIGN COSTS	
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$252,200	\$252,200
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$25,220	\$25,220
	SUBTOTAL	– PROJECT I	DESIGN COSTS	\$ 277,420
SCODING L	EVEL ESTIM	ATED CONS	TRUCTION COS	TS
ROADWAY CONSTRUCTION	VEL ESTIM	ATED CONS	TRUCTION COS	13
CONSTRUCT TRUCK PARKING SPACE	Each	0	\$52,000	\$0
CONSTRUCT CAR PARKING SPACE	Each	0	\$6,600	\$0
CONSTRUCT OVERFLOW PARKING LOT	SY	24,300	\$26	\$631,800
CONSTRUCT NEW RAMP	LF	0	\$470	\$0
CONSTRUCT ACCESS ROADS	LF	760	\$700	\$532,000
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one acre.	LS	1	\$58,200	\$58,200
MISCELLANEOUS RDWY WORK-	LS	0	\$0 ONSTRUCTION	\$0 \$ 1,222,000
		ROADWAT C	ONSTRUCTION	\$ 1,222,000
INFRASTRUCTURE REHABILITATE REHAB RAMADAS	LS LS	0		\$0
REHAB RESTROOM BLDG	LS	0		\$0
REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE	LS LS	0		\$0 \$0
REHAB PAVEMENT REHAB SIDEWALKS	LS LS	0		\$0 \$0
REMOVE RESTROOM BLDG	Each	0		\$0
UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL	LS LS	0	\$100,000.00	\$100,000 \$0
REHAB MECHANICAL	LS	0		\$0
REHAB ELECTRICAL SUBTOTAL	LS - INFRASTI	U 0 RUCTURE RE	HABILITATION	\$0 \$ 100.000
OTHER NEW CONSTRUCTION IT	EMS		•	
INSTALL HIGH-MAST LIGHTING	LS	1	\$1,000,000.00	\$1,000,000
INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET	LS Each	0	\$200,000.00	\$200,000 \$0
INSTALL COMPOSTING TOILET	Each	0		\$0
INSTALL SIGNS AND DISPLAYS NEW SITE PAVING	Each LS	0		\$0 \$0
NEW ADA IMPROVEMENTS	LS	0		\$0
INSTALL WIRELESS INTERNET SYSTEM INSTALL SOLAR PANEL SYSTEM	Each Each	0		\$0 \$0
SUBTOTAL	- OTHER C	ONSTRUCTI	ON LINE ITEMS	\$ 1,200,000
SU	BTOTAL - C	ONSTRUCTI	ON LINE ITEMS	\$ 2,522,000
MOBILIZATION AND ADMINISTRA	ATION COST	rs		
CONTRACTOR MOBILIZATION (Typically	LS	1	\$252,200	\$252,200
10% of construction cost) TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$126,100	\$126,100
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$25,220	\$25,220
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$252,200	\$252,200
	LS	1	\$453,960	\$453,960
CONSTRUCTION ADMINISTRATION				
	BILIZATION	& ADMINISTI	KATION COSTSI	3 1.109.680
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost) SUBTOTAL – MOR			ICTION COSTS	\$ 1,109,680 \$ 3,631,680
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost) SUBTOTAL – MOR				
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost) SUBTOTAL – MOR				

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum.

The EB overflow lot will require a lot that is \$20'x300' and will provide 30 spaces. Actual pavement area is 13,800 SY. The EB Safe Area will be south of the wash to reduce drainage costs, but will require 260' of access road.

The WB overflow lot will require a lot that is 420'x300' and will provide 25 spaces; similar to the overflow lot for EB Meteor Crater. Actual pavement area is 10,500 SY. The WB overflow lot will be north of the wash behind the Caretaker's Residence to provide some separation, but will require 500' of access road.

To ID need for SWPPP: Over 1 acre requires SWPPP.

Use 10 % of the cost from E53.

If needed, use 1% of the construction cost.

Total costs are for complete-in-place roadway construction

Access Rds= 260' (EB) + 500' (WB)=760' of 32'-wide roads

If needed, use 5% of construction costs; input manually

EB and WB at \$500,000 each direction EB and WB at \$100,000 each direction

This is the sum of Construction SUBTOTALS above

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

EB=580'x562' Trapezoid= 7.5 Acre WB=750'x515' Trapezoid=8.9 Acre from CAP=120'x240' Trap.=0.6 Acre Total=17.0 Acre

Estimated Project Costs -10 at Burnt Well Rest Area Expand EB truck parking parking by providing an overflow lot to the east with new ROW. Expand EB car parking by adding 10 spaces adjacent to existing spaces. Expand WB truck parking with an overflow parking lot located within existing ROW in the NW corner of the rest area. WB car parking by adding 12 spaces adjacent to existing Install high Project Description: spaces. Insta mast lighting and security cameras. Rehabilitate ramadas, restroom building and fixtures, electrical, well pump house. caretaker's residence, pavement, and sidewalks. Area of Disturbance: (In Acres) Approx. 1 Acre UNIT ITEM DESCRIPTION UNIT QUAN PRICE TOTAL PROJECT SCOPING SCOPING COSTS Scoping has been completed - No Scoping Costs SUBTOTAL - PROJECT SCOPING COSTS \$0 SCOPING LEVEL ESTIMATED DESIGN COSTS DESIGN COSTS S&E's - Plans, Special Provisions, Cost stimates & Schedules (10%-20% of LS 1 \$568,796 \$568,796 struction cost.) STORM WATER POLLUTION REVENTION PLAN Required if there is over 1 acre of total disturbance, 1% of construction cost) En So in Unit Price column if none LS \$56,880 \$56,880 SUBTOTAL - PROJECT DESIGN COSTS 625,676 SCOPING LEVEL ESTIMATED CONSTRUCTION COSTS ROADWAY CONSTRUCTION GRADING ROADWAY FOR PAVEMENT SY 42,700 \$1 \$427,000 ORE PAVING SY \$18 0 PARKING PAVING SY 41.068 \$70 \$2,874,760 RAMP PAVING SY \$11 0 CONSTRUCT ACCESS ROAD SY 1,631 \$180 \$293,580 NSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constrcosts) Enter \$0 in Unit Price column if area of disturbance is less than one LS \$204.80 \$204.800 MISCELLANEOUS RDWY WORK-\$500,00 nd other traffic signs) SUBTOTAL - ROADWAY CONSTRUCTION \$ 4,300,140 INFRASTRUCTURE REHABILITATION \$0 \$0 EHAB CARETAKER'S RESIDENCE REHAB PAVEMEN \$0 \$0 \$0 Each JPGRADE INTERIOR LIGHTING \$0 \$0 ROVIDE ELECTRICAL \$0 SUBTOTAL - INFRASTRUCTURE REHABILITATION \$ OTHER NEW CONSTRUCTION ITEMS NSTALL HIGH-MAST LIGHTING NSTALL LIGHTING w/ SOLAR PANI Each \$5,000.00 \$40,000 NSTALL SECURITY CAMERAS LS \$200,000.00 \$200,000 NSTALL VAULTED TOILET NSTALL COMPOSTING TOILET Fach \$350,000.00 Each \$1,000.00 FRASH RECPTACLES Each \$6,000 INSTALL SIGNS AND DISPLAYS Each \$25,000.00 \$100,000 STALL FENCING \$30.00 \$41,820 IEW SITE PAVING LS 1,000,000. \$1,000,000 NEW ADA IMPROVEMENTS LS \$0 Each INSTALL SOLAR PANEL SYSTEM Each 0 SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS 1,387,820 SUBTOTAL - CONSTRUCTION LINE ITEMS | \$ 5,687,960 MOBILIZATION AND ADMINISTRATION COSTS CONTRACTOR MOBILIZATION (Typicall \$568,796 \$568,796 0% of construction cost) FRAFFIC CONTROL (0-8% of construction \$284.398 LS \$284,398 ONSTRUCTION SURVEY & LAYOUT LS \$56,880 \$56.8 ONSTRUCTION CONTINGENCIES LS \$568,796 \$568,796 Typically 10% of construction cost) DNSTRUCTION ADMINISTRATION veraging 18% of construction cost) \$1,023,833 \$1.023.833 LS SUBTOTAL - MOBILIZATION & ADMINISTRATION COSTS \$ 2,502,702 TOTAL ESTIMATED CONSTRUCTION COSTS 8.190.662 RIGHT-OF-WAY ACQUISITION (if Acre 12 \$0.00 \$285,350 TOTAL ESTIMATED PROJECT COST (All subtotals) \$9,101,688

Designer Notes

 The number of truck parking spaces provided meets the demand for spaces for 2042; 76 for EB and 82 for WB.

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The new EB truck overflow lot will be located outside existing ROW and east of the caretaker's residence. The parking lot will provide 81 spaces. New ROW will be larger than needed now; to provide for future expansion. It will require a two-way access road and 500' of sidewalk to connect the lot to existing rest area facilities. The WB truck overflow lot will be approximately 530'x175' and will provide for 22 spaces. It will require dual access roads and 140' of sidewalk to connect to existing rest area facilities. The west access road will require a pipe at an existing wash.

To ID need for SWPPP: Over 1 acre requires SWPPP

Use 10 % of the cost from E54

If needed, use 1% of the construction cost.

Total costs are for complete-in-place roadway construction

This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD

This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving

If needed, use 5% of construction costs; input manually

Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs

Within existing rest area From RA Study
Within new EB Overflow lot From RA Study

6' high chain link fence between EB overflow lot and I-10 From RA Study

This is the sum of Construction SUBTOTALS above

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

This project requires new Right-of-Way for the EB Overflow Lot

SACATON REST AREA		Project Co					
roject Description:	Add 13 truck parking spaces to EB by realigning both exit and entrance ramps without disturbing the existing ramp gores. Add 7 truck parking spaces to WB by realigning the exit ramp without disturbing the existing ramp gore. Install high-mast lighting, upgrade interior lighting with LED lights, and install security cameras.						
rea of Disturbance: (In Acres)	5 Acres						
			UNIT				
ITEM DESCRIPTION	UNIT	QUAN. CT SCOPING	PRICE	TOTAL			
OPING COSTS							
oping has been completed - North		osts OJECT SCOI	ING COSTS	\$0			
				· ·			
	3 LEVEL ES	TIMATED DE	SIGN COSTS				
ESIGN COSTS &E's - Plans, Special Provisions, Cost							
imates & Schedules (10%-20% of instruction cost.)	LS	1	\$331,520	\$331,520			
ORM WATER POLLUTION EVENTION PLAN equired if there is over 1 acre of total turbance, 1% of construction cost) Enter in Unit Price column if none required.	LS	1	\$33,152	\$33,152			
su	BTOTAL - P	ROJECT DES	IGN COSTS	\$ 364,672			
SCOPING LE	VEL ESTIMA	TED CONST	RUCTION CO	STS			
OADWAY CONSTRUCTION ONSTRUCT TRUCK PARKING SPACE	Each	21	\$52,000	\$1,092,000			
DISTRUCT TRUCK PARKING SPACE	Each	0	\$6,600	\$1,092,000			
DNSTRUCT OVERFLOW PARKING	SY	0	\$26	\$0			
T INSTRUCT NEW RAMP	LF	1,760	\$470	\$827,200			
NSTRUCT ACCESS ROADS	LF	0	\$470	\$0			
TALLATION OF STORMWATER LUTION PREVENTION MEASURES (I 1 acre of disturbance, 5% of constr. s) <u>Enter 80 in Unit Price column if</u> a of disturbance is less than one	LS	1	\$96,000	\$96,000			
SCELLANEOUS RDWY WORK-	LS	0	\$0	\$0			
		ADWAY CON	· ·	\$ 2,015,200			
RASTRUCTURE REHABILITA	TION						
HAB RAMADAS	LS	0		\$0			
HAB RESTROOM BLDG HAB WELL PUMP HOUSE	LS LS	0		\$0 \$0			
HAB CARETAKER'S RESIDENCE HAB PAVEMENT	LS LS	0		\$0 \$0			
HAB SIDEWALKS	LS	0		\$0			
MOVE RESTROOM BLDG PGRADE INTERIOR LIGHTING	Each LS	0	\$100,000.00	\$0 \$100,000			
HAB STRUCTURAL	LS	0	***************************************	\$0			
HAB MECHANICAL HAB ELECTRICAL	LS LS	0		\$0 \$0			
SUBTOTAL -		CTURE REHA	BILITATION	\$ 100,000			
HER NEW CONSTRUCTION IT TALL HIGH-MAST LIGHTING	EMS LS	1	\$1,000,000.00	\$1,000,000			
STALL SECURITY CAMERAS	LS	1	\$200,000.00	\$200,000			
STALL VAULTED TOILET STALL COMPOSTING TOILET	Each Each	0		\$0 \$0			
STALL SIGNS AND DISPLAYS EW SITE PAVING	Each LS	0		\$0 \$0			
W ADA IMPROVEMENTS	LS	0		\$0			
STALL WIRELESS INTERNET SYSTEM STALL SOLAR PANEL SYSTEM	Each Each	0		\$0 \$0			
SUBTOTAL -		ISTRUCTION	LINE ITEMS	\$ 1,200,000			
SUB	OTAL - CON	ISTRUCTION	LINE ITEMS	\$ 3,315,200			
DU IZATION AND	ATION 675						
BILIZATION AND ADMINISTR	ATION COST	1 S					
NTRACTOR MOBILIZATION (Typically 6 of construction cost)	LS	1	\$331,520	\$331,520			
AFFIC CONTROL (0-8% of construction t)	LS	1	\$265,216	\$265,216			
NSTRUCTION SURVEY & LAYOUT pically 1% of construction cost)	LS	1	\$33,152	\$33,152			
NSTRUCTION CONTINGENCIES	LS	1	\$331,520	\$331,520			
pically 10% of construction cost)							
reraging 18% of construction cost)	LS	1	\$596,736	\$596,736			
SUBTOTAL - MOBIL				\$ 1,558,144			
TOTAL	STIMATED	CONSTRUCT	ION COSIS	\$ 4,873,344			
HT-OF-WAY ACQUISITION (if	Acre	0		\$0			
ssary)							
	ı		All <u>subtotals</u>)	\$5,238,016			

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum.

For EB north of existing truck parking, 6 spaces will be added and require 670' of interior ramp reconstruction. For EB south of existing truck parking, 7 spaces will be added and require 540' of interior ramp reconstruction. For WB, the 7 spaces are added south of existing truck parking and will require 550' of interior ramp reconstruction.

To ID need for SWPPP: Over 1 acre requires SWPPP.

Jse 10 % of the cost from E53.

If needed, use 1% of the construction cost.

Total costs are for complete-in-place roadway construction

These are 22'-wide roads

If needed, use 5% of construction costs; input manually

EB & WB at \$500,000 each direction EB & WB at \$100,000 each direction

This is the sum of Construction SUBTOTALS above

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

	Estimated	Project Co	osts		Comments
TEXAS CANYON REST AREA	Louinatoa	110,000.00			NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the Basis of Design and Unit Costs memorandum.
Project Description:	near the por truck parking water tank; v	nds; will requir g spaces to W will require rev g, upgrade inte	e revising acc /B by realignir vising access	ealigning 760' of ramp less to ponds. Add 7 ig 500' of ramp near the to the tank. Install high- ith LED lights, and install	
Area of Disturbance: (In Acres)	2 Acres				To ID need for SWPPP: Over 1 acre requires SWPPP.
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	
	PROJEC	T SCOPING	•		
SCOPING COSTS Scoping has been completed - N	lo Scoping C		PING COSTS	\$0	
00000	0 1 5)/51 503		01011 00070		
DESIGN COSTS	G LEVEL EST	TIMATED DE	SIGN COSTS		
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$290,800	\$290,800	Use 10 % of the cost from E53.
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none	LS	1	\$29,080	\$29,080	If needed, use 1% of the construction cost.
required.	 BTOTAL – PI	 ROJECT DES	 SIGN COSTS	\$ 319,880	
	_ / =			\$ 313,000	
SCOPING LE	VEL ESTIMA	TED CONST	RUCTION CC	STS	
ROADWAY CONSTRUCTION			05		Total costs are for complete-in-place roadway construction
CONSTRUCT TRUCK PARKING SPACE CONSTRUCT CAR PARKING SPACE	Each	17 0	\$52,000 \$6,600	\$884,000 \$0	
CONSTRUCT OVERFLOW PARKING	Each SY	0	\$26	\$0	
LOT CONSTRUCT NEW RAMP	LF	0	\$470	\$0	
CONSTRUCT ACCESS ROADS	LF	1,260	\$470	\$592,200	These are 22'-wide roads
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price	LS	1	\$76,600	\$76,600	If needed, use 5% of construction costs; input manually
column if area of disturbance is less than one acre.					
MISCELLANEOUS RDWY WORK- Revise access to ponds and tank	LS TOTAL - ROA	1	\$55,200	\$55,200 \$ 1,608,000	minor driveways + minor drainage
INFRASTRUCTURE REHABILITA		ADVIAT CON	01110011011	ψ 1,000,000	
REHAB RAMADAS	LS	0		\$0	
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS	0		\$0 \$0	
REHAB CARETAKER'S RESIDENCE	LS	0		\$0	
REHAB PAVEMENT REHAB SIDEWALKS	LS LS	0		\$0 \$0	
REMOVE RESTROOM BLDG	Each	0		\$0	
UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL	LS LS	0	\$100,000.00	\$100,000 \$0	
REHAB MECHANICAL	LS	0		\$0	
REHAB ELECTRICAL SUBTOTAL -	LS INFRASTRUC	OTURE REHA	L ABILITATION	\$0 \$ 100,000	
OTHER NEW CONSTRUCTION I	TEMS				
INSTALL HIGH-MAST LIGHTING INSTALL SECURITY CAMERAS	LS LS	1 1	\$1,000,000.00 \$200,000.00	\$1,000,000 \$200,000	EB & WB at \$500,000 each direction EB & WB at \$100.000 each direction
INSTALL VAULTED TOILET	Each	0	ψευυ,υυυ.υυ	\$0	LD & YVD at \$100,000 Each Unection
INSTALL COMPOSTING TOILET INSTALL SIGNS AND DISPLAYS	Each Each	0		\$0 \$0	
NEW SITE PAVING	LS	0		\$0	
NEW ADA IMPROVEMENTS	LS Each	0		\$0 \$0	
INSTALL SOLAR PANEL SYSTEM	Each	1	t	\$0	
SUBTOTAL -					
SUBT	OTAL - CON	STRUCTION	LINE ITEMS	\$ 2,908,000	This is the sum of Construction SUBTOTALS above
MOBILIZATION AND ADMINISTE	.1		1 .		
10% of construction cost)	LS	1	\$290,800	\$290,800	The 10% is based on Mobilization cost from Sunset Point RA Rehab
TRAFFIC CONTROL (0-8% of construction cost) CONSTRUCTION SURVEY & LAYOUT	LS	1	\$232,640	\$232,640	Use 5% for parking spaces only. Use 8% is a new ramp is needed.
(Typically 1% of construction cost)	LS	1	\$29,080	\$29,080	
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$290,800	\$290,800	Use 10% due to level of detail of this estimate
CONSTRUCTION ADMINISTRATION	LS	1	\$523,440	\$523,440	
(Averaging 18% of construction cost) SUBTOTAL – MOBIL				\$ 1,366,760	
	STIMATED (
		1	ION C0313	\$ 4,274,760	
RIGHT-OF-WAY ACQUISITION (if necessary)	Acre	0		\$0	This project does NOT require new Right-of-Way
TOTAL ESTI	MATED PRO	JECT COST ((All <u>subtotals</u>)	\$4,594,640	

Estimated Project Costs I-10 at San Simon Rest Area Expand truck parking for both EB and WB to the west with new ROW and shifted ramps with new gores. Expansion will be for 38 spaces (EB) and 42 spaces (WB); for a total of 80 spaces. Project Description: Install high-mast lighting, upgrade interior lighting with LED lights, and install security cameras. Area of Disturbance: (In Acres) 7.8 Acre UNIT ITEM DESCRIPTION QUAN PRICE TOTAL PROJECT SCOPING SCOPING COSTS Scoping has been completed - No Scoping Costs SUBTOTAL - PROJECT SCOPING COSTS \$0 SCOPING LEVEL ESTIMATED DESIGN COSTS DESIGN COSTS PS&E's - Plans, Special Provisions, Cost \$482.42 es & Schedules (10%-20% of LS \$482,420 construction cost.) STORM WATER POLLUTION LS \$48,242 \$48,24 SUBTOTAL - PROJECT DESIGN COSTS \$ 530,662 SCOPING LEVEL ESTIMATED CONSTRUCTION COSTS ROADWAY CONSTRUCTION GRADING ROADWAY FOR PAVEMENT \$180 PARKING PAVING SY 26.525 \$70 \$1.856.75 \$118 RAMP PAVING SY 5,354 \$631,772 CONSTRUCT ACCESS ROAD SY 2,547 \$180 \$458,46 INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if LS \$206,80 \$206,80 rea of disturbance is less than one \$250,00 \$250,00 MISCELLANEOUS RDWY WORK LS \$500.00 \$500.00 and other traffic signs) SUBTOTAL - ROADWAY CONSTRUCTION \$ 4,342,482 INFRASTRUCTURE REHABILITATION REHAB RAMADAS REHAB CARETAKER'S RESIDENCE LS REHAB SIDEWALKS LS \$0 UPGRADE INTERIOR LIGHTING LS \$100,000 PROVIDE ELECTRICA SUBTOTAL - INFRASTRUCTURE REHABILITATION 100,000 OTHER NEW CONSTRUCTION ITEMS INSTALL HIGH-MAST LIGHTING \$1,000,000.00 \$1,000,000 STALL LIGHTING w/ SOLAR PANE INSTALL SECURITY CAMERAS \$200,000.00 \$200,000 INSTALL VAULTED TOILE INSTALL COMPOSTING TOILE Each Each Each TRASH RECPTACLES 6 \$1,000.00 \$6,00 NSTALL SIGNS AND DISPLAY \$25,000.00 100,000 INSTALL FENCING LF \$30.00 \$75,720 NEW ADA IMPROVEMENTS LS INSTALL WIRELESS INTERNET SYSTEM INSTALL SOLAR PANEL SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS (381.720 SUBTOTAL - CONSTRUCTION LINE ITEMS \$ 4.824.202 MOBILIZATION AND ADMINISTRATION COSTS CONTRACTOR MOBILIZATION (Typically \$482,420 TRAFFIC CONTROL (0-8% of construction LS \$385 936 \$385.93 CONSTRUCTION SURVEY & LAYOUT LS \$48,242 \$48,242 (Typically 1% of construction cost CONSTRUCTION CONTINGENCIES LS \$482.42 (Typically 10% of construction cost CONSTRUCTION ADMINISTRATION \$868.35 SUBTOTAL - MOBILIZATION & ADMINISTRATION COSTS 2,267,375 TOTAL ESTIMATED CONSTRUCTION COSTS 7.091.577 RIGHT-OF-WAY ACQUISITION (if \$228,70 TOTAL ESTIMATED PROJECT COST (All subtotals) \$7,850,939

Designer Notes:

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The WB expansion will cross a major wash and require a box culvert. It will need a new entrance ramp.

The EB expansion will cross a minor wash; requiring a channel parallel to EB 1-10 and outleting into the major wash. The expansion will also cross the major wash and require a box culvert. It will need a new exit ramp.

To ID need for SWPPP: Over 1 acre requires SWPPP.

Use 10 % of the cost from E54.

If needed, use 1% of the construction cost.

Total costs are for complete-in-place roadway construction

This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD

This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving

If needed, use 5% of construction costs; input manually

246 LF at \$1,000/LF

Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs

From RA Study

From RA Study

6' high chain link fence between new truck parking and I-10

This is the sum of Construction SUBTOTALS above

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

This project requires new Right-of-Way

	Estimated	Project Co	sts				
I-40 at Meteor Crater Rest Area	Loumatou	. 10,000 00	0.0				
Project Description:	Expand EB truck parking parking by providing an overflow lot south of the sewage treatment ponds with new ROW. Expand WB truck parking with an overflow parking lot located west of the existing rest area with new ROW.						
Area of Disturbance: (In Acres)	Approx. 1.3	Acre					
ITEM DESCRIPTION	UNIT	QUAN. T SCOPING	UNIT PRICE	TOTAL			
SCOPING COSTS Scoping has been completed - N							
	TOTAL - PRO		ING COSTS	\$0			
SCOPING	S LEVEL EST	IMATED DES	SIGN COSTS	i			
DESIGN COSTS							
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$585,074	\$585,074			
STORM WATER POLLUTION PREVENTION PLAN							
(Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$53,047	\$53,047			
	I BTOTAL – PF	ROJECT DES	IGN COSTS	\$ 638,121			
SCOPING LE	/FI FSTIMA	TED CONSTI	RUCTION CO	OSTS			
ROADWAY CONSTRUCTION	VEE EOTHINA	ILD CONOTI	1001101100	50.0			
GRADING ROADWAY FOR PAVEMENT	SY	56,738	\$10	\$567,380			
GORE PAVING	SY	0	\$180	\$0			
PARKING PAVING	SY	53,328	\$70	\$3,732,960			
RAMP PAVING	SY	0	\$118	\$0			
CONSTRUCT ACCESS ROAD INSTALLATION OF STORMWATER	SY	3,410	\$180	\$613,800			
POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr.							
(ii over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one acre.	LS	1	\$252,600	\$252,600			
MISCELLANEOUS RDWY WORK- Concrete sidewalks to rest area	SF	6,900	\$20	\$138,000			
SUB	TOTAL - ROA	DWAY CON	STRUCTION	\$ 5,304,740			
INFRASTRUCTURE REHABILITA	ATION						
REHAB RAMADAS REHAB RESTROOM BLDG	LS LS	0		\$0 \$0			
REHAB WELL PUMP HOUSE	LS	0		\$0			
REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT	LS LS	0		\$0 \$0			
REHAB SIDEWALKS REMOVE RESTROOM BLDG	LS Each	0		\$0 \$0			
UPGRADE INTERIOR LIGHTING	LS	0		\$0			
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0		\$0 \$0			
PROVIDE ELECTRICAL TO SITE	LS	0	DUITATION	\$0			
SUBTOTAL – II		TORE REHA	BILITATION	-			
OTHER NEW CONSTRUCTION IT INSTALL HIGH-MAST LIGHTING	LS	0		\$0			
INSTALL LIGHTING w/ SOLAR PANEL INSTALL SECURITY CAMERAS	Each LS	8 2	\$5,000.00 \$200,000.00	\$40,000 \$400,000			
INSTALL VAULTED TOILET	Each	0	,000.00	\$0			
INSTALL COMPOSTING TOILET TRASH RECPTACLES	Each Each	6	\$1,000.00	\$6,000			
INSTALL SIGNS AND DISPLAYS	Each LF	4	\$25,000.00	\$100,000			
INSTALL FENCING NEW SITE PAVING	LS	0	\$30.00	\$0 \$0			
NEW ADA IMPROVEMENTS INSTALL WIRELESS INTERNET SYSTEM	LS Each	0		\$0 \$0			
INSTALL SOLAR PANEL SYSTEM	Each	0	INF ITEMS	\$0			
SUBTOTAL - (OTAL - CON			\$ 546,000 \$ 5,850,740			
				1			
MOBILIZATION AND ADMINISTR	RATION COS	TS		T			
CONTRACTOR MOBILIZATION (Typically 10% of construction cost)	LS	1	\$585,074	\$585,074			
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$292,537	\$292,537			
CONSTRUCTION SURVEY & LAYOUT	LS	1	\$58,507	\$58,507			
(Typically 1% of construction cost) CONSTRUCTION CONTINGENCIES	LS	1	\$585,074	\$585,074			
(Typically 10% of construction cost) CONSTRUCTION ADMINISTRATION (Augusting 189), of construction cost)	LS	1	\$1,053,133	\$1,053,133			
(Averaging 18% of construction cost) SUBTOTAL – MOBILI	ZATION & AI	OMINISTRAT		\$ 2,574,326			
	STIMATED C			\$ 8,425,066			
				. , , , , , , , , , , , , , , , , , , ,			
	Acre	25	\$0.00	\$1,901,600			
RIGHT-OF-WAY ACQUISITION (if necessary) TOTAL ESTIN							

Designer Notes:1. The number of truck parking spaces provided meets the demand for spaces for 2032; 70 for EB

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The WB truck overflow lot will be shifted to the west to avoid a rock outcropping. Each overflow lot will provide 70 truck parking spaces. New sidewalks will provide pedestrian access to rest area facilitities.

To ID need for SWPPP: Over 1 acre requires SWPPP.

Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving

Within existing rest area Within new both overflow lots

From RA Study

6' high chain link fence

This is the sum of Construction SUBTOTALS above

If needed, use 5% of construction costs; input manually

The 10% is based on Mobilization cost from Sunset Point RA Rehab

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

This project requires new Right-of-Way for both Overflow Lots

	LStilliateu	Project Co	sts	
I-10 at US 191 SAFE AREA				
Project Description:	the Texas Ca The parking ramp and wil	anyon Rest Al area will be b Il consist of ar olar panels, to	rea at the exit etween WB I- n alternative t	tion along I-10 east of to US 191 at MP 331.6. 10 and the US 191 loop ype pavement lot, nighway signage, and
Area of Disturbance: (In Acres)	8 Acres			
ITEM DESCRIPTION	UNIT PROJEC	QUAN.	UNIT PRICE	TOTAL
SCOPING COSTS Scoping has been completed - I	No Scoping C	osts		
SUB	TOTAL - PRO	DJECT SCOP	ING COSTS	\$0
	G LEVEL EST	IMATED DE	SIGN COSTS	
PS&E's - Plans, Special Provisions, Cost				
Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$466,728	\$466,728
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$46,673	\$46,673
SU	BTOTAL - PF	ROJECT DES	IGN COSTS	\$ 513,401
	VEL ESTIMA	TED CONST	RUCTION CO	STS
ROADWAY CONSTRUCTION GRADING ROADWAY FOR PAVEMENT	SY	38,500	\$10	\$385,000
GORE PAVING	SY	0	\$180	\$0
PARKING PAVING	SY	35,075	\$70	\$2,455,250
RAMP PAVING	SY	2,415	\$118	\$284,970
CONSTRUCT ACCESS ROAD	SY	1,008	\$180	\$181,440
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) <u>Enter \$0\$ in Unit Price column if</u> area of disturbance is less than one acre	LS	1	\$177,830	\$177,830
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway and other traffic signs)	LS DOM	1 DWAY CON	\$250,000	\$250,000 \$ 3,734,490
508	TOTAL - ROA			
				\$ 3,734,490
INFRASTRUCTURE REHABILITA	ATION LS	0		\$ 3,734,490
REHAB RAMADAS REHAB RESTROOM BLDG	LS LS	0		\$0 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE	LS LS LS	0 0 0		\$0 \$0 \$0 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS LS	0 0 0		\$0 \$0 \$0 \$0 \$0 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REHAD FOR STEWOOM BLDG	LS LS LS LS LS LS LS Each	0 0 0 0 0 0		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB SIDEWALKS	LS	0 0 0 0 0 0 0		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOYE RESTROOM BLDG UPGRADE INTERIOR LIGHTING	LS L	0 0 0 0 0 0		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARE TAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL —	LS	0 0 0 0 0 0 0 0		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDENCE REHAB SIDENCE REHAB SIDENCE REHAB SIDENCE REHAB SIDENCE REHAB SITENCE REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING WE SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL SCURITY CAMERAS	LS LS LS LS LS LS LS LS LS Each LS LS LS LS LS LS LS NFRASTRUC	0 0 0 0 0 0 0 0 0 0	BILITATION	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PALEMENT REHAB BIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB BTRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PAPILS INSTALL SECURITY CAMERAS INSTALL VAULTED TOLET INSTALL OF	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL SCOMPOSTING TOILET TRASH RECPTACLES INSTALL SCOMPOSTING TOILET TRASH RECPTACLES INSTALL SINS AND DISPLAYS	LS Each LS LS LS Each LS LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00 \$25,000.00	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING WSOLAR PANELS INSTALL JAULTED TOILET INSTALL VAULTED TOILET INSTALL COMPOSTING TOILET INSTALL COMPOSTING TOILET INSTALL COMPOSTING TOILET INSTALL SECURITY CAMERAS INSTALL S	LS Each LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB BALDEWALKS REHAB PALEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL VAULTED TOLET INSTALL LIGHT SINSTALL SINSTALL SECURITY CAMERAS INSTALL	LS Each LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00 \$25,000.00	\$00 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELD FUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SCURTY CAMERAS INSTALL SCURTY CAMERAS INSTALL SCURTY CAMERAS INSTALL SCURTY CAMERAS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL FENCING	LS Each LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00 \$25,000.00 \$30.00	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARE TAKER'S RESIDENCE REHAB BELD EVALKS REHAB SIZE STROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB STRUCTURAL REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPL	LS Each LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$3500.00 \$1,000.00 \$25,000.00	\$0,000 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARE TAKER'S RESIDENCE REHAB BELD EVALKS REHAB SIZE STROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB STRUCTURAL REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL FENCING NEW ADA IMPROVEMENTS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPL	LS CS CS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$3500.00 \$1,000.00 \$25,000.00	\$0,000 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SIGNER TO INSTALL SIGNER SINSTALL SIGNER SINSTALL SIGNER SIND SILL SIGNER AND SIPPLAYS INSTALL SIGNER AND DISPLAYS INSTALL SIGNER AND SIPPLAYS INSTALL PROVIDED INSTALL FOR TORS INSTALL SIGNER AND DISPLAYS INSTALL SIGNER AND DISPLAYS INSTALL FORDING NEW ADA IMPROVEMENTS INSTALL FORDING NEW ADA IMPROVEMENTS SUBTOTAL - SUBTOTAL - SUBTOTAL -	LS CS CS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$3500.00 \$1,000.00 \$25,000.00	\$0,000 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB SIDEWALKS REHAB SIDEWALKS REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PAPALS INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET INSTALL LOUPOSTING TOILET TRASH RECPTACLES INSTALL COMPOSTING TOILET TRASH RECPTACLES INSTALL SECURITY CAMERAS INSTALL SITEMAL FENCING NEW ADAI IMPROVEMENTS INSTALL SITEMAL SITEMAL SYSTEM INSTALL SOLAR PANELS SYSTEM SUBTOTAL — SUBTOTAL — WOBILIZATION AND ADMINISTR CONTRACTOR MOBILIZATION (Typically 10% of construction cost) 10% of construction cost) 10% of construction cost) 10% of construction	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00 \$25,000.00 \$30.00	\$0,000 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PALE PUMP HOUSE REHAB PALE PUMP HOUSE REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL PROVIDE ELECTRICAL TO SITE SUBTOTAL— OTHER NEW CONSTRUCTION I INSTALL SCURITY CAMERAS INSTALL SCURITY CAMERAS INSTALL SUBTOTAL— SUBTOT	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$35,000.00 \$1,000.00 \$25,000.00 \$30.00 \$1,000.00 \$25,000.00 \$25,000.00 \$30.00	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL OTHER NEW CONSTRUCTION I SUBTOTAL — OTHER NEW CONSTRUCTION I SINSTALL LIGHTING W SOLAR PANELS INSTALL LIGHTING W SOLAR PANELS INSTALL SCURITY CAMERAS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL SIGNS AND DISPLAYS INSTALL VIRELESS INTERNET SYSTEM INSTALL SCURITY CAMERAS SUBTOTAL - SUBTOTAL - WOBILIZATION AND ADMINIST CONTRACTOR MOBILIZATION (Typically 10% of construction cost) CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost) CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$350,000.00 \$1,000.00 \$225,000.00 \$30.00 LINE ITEMS LINE ITEMS \$466,728 \$373,382 \$46,673	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PALEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL SIGNS AND DISPLAYS INSTALL SIG	LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$55,000.00 \$1,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$30.00 LINE ITEMS \$466,728 \$373,382 \$466,728	\$0,000 \$0
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB BEAL PUMP HOUSE REHAB PALVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL PROVIDE ELECTRICAL TO SITE SUBTOTAL OTHER NEW CONSTRUCTION I INSTALL SIGNIFING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL SIGNIFIC TO SITE TRASH RECPTACLES INSTALL SIGNIFIC TO SITE INSTALL SOLAR PANELS SYSTEM SUBTOTAL - SUBTOTAL - CONTRACTOR MOBILIZATION (Typically 10% of construction cost) CONSTRUCTION CONTRICENCIES (Typically 1% of construction cost) CONSTRUCTION CONTRICENCIES (Typically 10% of construction cost) CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost) CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$55,000.00 \$1,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$30.00 LINE ITEMS LINE ITEMS \$466,728 \$373,382 \$466,728 \$466,728 \$466,728	\$40,000 \$40,000 \$50,00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB BALDE PUMP HOUSE REHAB PALVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL PROVIDE ELECTRICAL TO SITE SUBTOTAL SUBTOTAL INSTALL SCURITY CAMERAS INSTALL SCURITY CAMERAS INSTALL VAULTED TOILET TRASH RECPTACLES INSTALL CAMERAS INSTALL SOLAR PANELS INSTALL SINSTALL SOLAR SUBTOTAL SUBTOTAL SUBTOTAL SUBTOTAL SUBTOTAL ONN SITEM SUBTOTAL SUBTOTAL CONTROL (0-8% of construction cost) CONSTRUCTION CONTRICENCE (Typically 1% of construction cost) CONSTRUCTION CONTRIGENCIES (Typically 10% of construction cost) CONSTRUCTION CONTRIGENCIES (Typically 10% of construction cost) SUBTOTAL — MOBIL SUBTOTAL — MOBIL SUBTOTAL — MOBIL SUBTOTAL — MOBIL	LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$5,000.00 \$1,000.00 \$25,000.00 \$30.00 \$1,000.00 \$24,000.00 \$30.00 LINE ITEMS \$466,728 \$466,728 \$466,738 \$466,738	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELD PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PALVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL PROVIDE ELECTRICAL TO SITE SUBTOTAL PROVIDE ELECTRICAL TO SITE SUBTOTAL PROVIDE SUBTOTAL CONSTRUCTION CONSTRUCTION TRAFFIC CONTROL (0-8% of construction cost) TRAFFIC CONTROL (0-8% of construction cost) CONSTRUCTION CONTRICENCES (Typically 1%% of construction cost) CONSTRUCTION CONTRICENCES (Typically 10% of construction cost) CONSTRUCTION CONTRICENCES (Typically 10% of construction cost) SUBTOTAL — MOBIL	LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$5,000.00 \$1,000.00 \$25,000.00 \$30.00 \$1,000.00 \$24,000.00 \$30.00 LINE ITEMS \$466,728 \$466,728 \$466,738 \$466,738	\$40,000 \$40,000 \$50,00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB STRUCTURAL REHAB MECHANICAL OTHER NEW CONSTRUCTION I INSTALL LIGHTING W SOLAR PANELS INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET INSTALL SIGNS AND DISPLAYS INSTALL SIGNS INSTAL	LS L	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$5,000.00 \$1,000.00 \$25,000.00 \$30.00 \$1,000.00 \$24,000.00 \$30.00 LINE ITEMS \$466,728 \$466,728 \$466,738 \$466,738	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00
REHAB RAMADAS REHAB RESTROOM BLDG REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE REHAB BALEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB SIDEWALKS REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE SUBTOTAL — OTHER NEW CONSTRUCTION I INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET INSTALL UPOSTING TOILET INSTALL SECURITY CAMERAS INSTALL SECURITY CAMERAS INSTALL FENCING INSTALL SECURITY CAMERAS INSTALL SECURITY INSTALL SECU	LS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,000.00 \$5,000.00 \$1,000.00 \$25,000.00 \$30.00 \$1,000.00 \$24,000.00 \$30.00 LINE ITEMS \$466,728 \$466,728 \$466,738 \$466,738	\$40,000 \$40,000 \$50,000 \$60,790 \$4,667,280 \$446,728 \$446,728 \$446,728 \$446,728 \$50,790

- Designer Notes:

 1. The horizontal curvature of the US 191 ramp at the intersection with the access point from the SAFE lot restricts horizontal sight distance for trucks making a left turn out of the lot. Therefore, access toffrom the lot should be restricted to WB I-10 traffic only.
- 2. The SAFE lot will accommodate 85 truck parking spaces, which is more than the 72 required for 2032, but less than the 100 required for 2042.

comments IOTE: For an explanation of the generic basis of design, basis of construction	
erm units, and derivation of unit costs, please see the Basis of Design and Init Costs memorandum from the 2023 Statewide Rest Area Parking Study.	To Be Updated
o ID need for SWPPP: Over 1 acre requires SWPPP.	
lse 10 % of the cost from E54.	
needed, use 1% of the construction cost.	
otal costs are for complete-in-place roadway construction	
his is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AF	B=\$143+25% for rural area an small quantity = \$180/SY
his is an alternative to AC pavement-TBD	
his is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$9- his is PCCP for zero maintenance, same as Gore Paving	4 + 25% for rural area and small quantitity = \$118/SY
•	
needed, use 5% of construction costs; input manually	
lse 2 guide signs for WB direction @ \$100,000 each and \$50,000 for other signs.	ins
high chain link fence	
his is the sum of Construction SUBTOTALS above	
he 10% is based on Mobilization cost from Sunset Point RA Rehab	
lse 5% for parking spaces only. Use 8% is a new ramp is needed.	
les 4007 due te level of detail of this ser	
lse 10% due to level of detail of this estimate	
This project does NOT provide to State of Wa	
his project does NOT require new Right-of-Way	

	Estimated	Project Co	osts	
I-10 at Sibyl Rd TI				
Project Description:	the EB exit ro 312.8. The p site adjacent an alternative	amp west of arking area wanted to the EB execution to the EB execution to the EB execution to the execution	the Texas Ca vill be in an at tit ramp in nev	condoned site south of nyon Rest Area at MP condoned commercial w R/W and will consist of ng w/ solar panels, toilet ecptacles.
Area of Disturbance: (In Acres)	3.5 Acres			
ITEM DESCRIPTION	UNIT PROJEC	QUAN. T SCOPING	UNIT PRICE	TOTAL
SCOPING COSTS				
Scoping has been completed - N SUB1	OTAL - PRO		PING COSTS	\$0
SCOPING	LEVEL EST	IMATED DE	SIGN COSTS	
DESIGN COSTS				
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$227,367	\$227,367
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter 50 in Unit Price column if none required.	LS	1	\$22,737	\$22,737
	L BTOTAL – PF	ROJECT DES	I SIGN COSTS	\$ 250,104
001			- 50.0	. 200,104
SCOPING LEV	/EL ESTIMA	TED CONST	RUCTION CO	OSTS
ROADWAY CONSTRUCTION				
GRADING ROADWAY FOR PAVEMENT	SY	16,844	\$10	\$168,440
GORE PAVING	SY	0	\$180	\$0
PARKING PAVING	SY	16,379	\$70	\$1,146,530
RAMP PAVING	SY	0	\$118	\$0
CONSTRUCT ACCESS ROAD	SY	465	\$180	\$83,700
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one	LS	1	\$82,400	\$82,400
acre. MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway	LS	1	\$250,000	\$250,000
and other traffic signs)	OTAL - POA	DWAY CON	STRUCTION	\$ 1,731,070
		DWAT CON	STRUCTION	3 1,731,070
INFRASTRUCTURE REHABILITA REHAB RAMADAS	Is	0	1	\$0
REHAB RESTROOM BLDG	LS	0		\$0
REHAB WELL PUMP HOUSE REHAB CARETAKER'S RESIDENCE	LS LS	0		\$0 \$0
REHAB PAVEMENT	LS	0		\$0
REHAB SIDEWALKS REMOVE RESTROOM BLDG	LS Each	0		\$0 \$0
UPGRADE INTERIOR LIGHTING	LS	0		\$0
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0		\$0 \$0
PROVIDE ELECTRICAL TO SITE	LS NFRASTRUC	0 TURE REHA	BILITATION	\$0
SOBIOTAL - II		TOKE KETIF	BILITATION	-
OTHER NEW CONSTRUCTION IT INSTALL LIGHTING w/ SOLAR PANELS	Each	4	\$5,000.00	\$20,000
INSTALL SECURITY CAMERAS	LS	0	0050 000 00	\$0
INSTALL VAULTED TOILET INSTALL COMPOSTING TOILET	Each Each	0	\$350,000.00	\$350,000 \$0
TRASH RECPTACLES INSTALL SIGNS AND DISPLAYS	Each Each	6	\$1,000.00 \$25,000.00	\$6,000 \$100,000
INSTALL FENCING	LF	2,220	\$30.00	\$66,600
NEW ADA IMPROVEMENTS INSTALL WIRELESS INTERNET SYSTEM	LS Each	0		\$0 \$0
INSTALL SOLAR PANEL SYSTEM	Each	0		\$0
SUBTOTAL - 0	THER CONS	RUCTION	LINE ITEMS	\$ 542,600
SUBT	OTAL - CONS	STRUCTION	LINE ITEMS	\$ 2,273,670
MOBILIZATION AND ADMINISTR	RATION COS	TS		
CONTRACTOR MOBILIZATION (Typically 10% of construction cost)	LS	1	\$227,367	\$227,367
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$113,684	\$113,684
CONSTRUCTION SURVEY & LAYOUT	LS	1	\$22,737	\$22,737
(Typically 1% of construction cost) CONSTRUCTION CONTINGENCIES	LS	1	\$227,367	\$227.367
(Typically 10% of construction cost) CONSTRUCTION ADMINISTRATION				. ,
(Averaging 18% of construction cost)	LS	1 DMINISTRAT	\$409,261	\$409,261
SUBTOTAL - MOBILI				\$ 1,000,415
IOTALE	STIMATED C	ONSTRUCT	ION COSTS	\$ 3,274,085
RIGHT-OF-WAY ACQUISITION (if	A	5.73	607.4	8188 5
necessary)	Acre		\$27,155	\$155,598
TOTAL ESTIN	IATED PROJ	ECT COST (All <u>subtotals</u>)	\$3,679,787

- Designer Notes:

 1. The vertical clearance of the cross road under both directions of I-10 restricts access to the lot for WB I-10 traffic. Therefore, access to/from the lot should be restricted to EB I-10 traffic only.
- 2. The lot will accommodate 37 truck parking spaces, which is less than the 62 required for 2032 for EB at Texas Canyon Rest Area.

Use 10 % of the cost from E54. Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180. This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY. This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually. Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs	To ID need for SWPPP: Over 1 acre requires SWPPP. Jae 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Jae 10 % of the construction cost. Jae 11 % of the cost from Lae and small quantity = \$1185 % of the construction cost. Jae 11 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 11 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 12 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 13 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 14 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 15 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 16 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 17 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 18 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 2 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost. Jae 2 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and small quantity = \$1185 % of the cost from Lae and smal		of the generic basis of design, basis of construction unit costs, please see the <i>Basis of Design and</i>
Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs: input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Is a 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 111* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC powerent* TBD This is 11* AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estima		
Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs: input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Is a 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 111* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC powerent* TBD This is 11* AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estima		
Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs: input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Is a 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 111* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC powerent* TBD This is 11* AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estima		
Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs: input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Is a 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 111* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC powerent* TBD This is 11* AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estima		
Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs: input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Is a 10 % of the cost from E54. Ineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 111* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC powerent* TBD This is 11* AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AC over 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$143+25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estimate: \$72/SY AC + \$22/SY AB + 25% for rural area and small quantity = \$118/SY his is 1** AB (From MAG estima	To ID need for SWPPP: Ove	er 1 acre requires SWPPP.
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs Si high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	fineeded, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving In needed, use 5% of construction costs; input manually Jase 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs It high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jase 5% for parking spaces only. Use 8% is a new ramp is needed.		
Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate; \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 fb is is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate; \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' fb is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs 6" high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$5/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jae 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jae 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 10 % of the cost from E	54.
Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate; \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 fb is is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate; \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' fb is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs 6" high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$5/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jae 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jae 5% for parking spaces only. Use 8% is a new ramp is needed.		
This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate	If needed, use 1% of the cor	struction cost.
This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate		
This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate		
This is 11* PCCP over 4* AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 This is an alternative to AC pavement-TBD This is 11* AC over 11* AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180 his is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate		
This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/8Y AC + \$22/8Y AB=\$94 + 25% for rural area and small quantitity = \$118/8' This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate	Total costs are for complete	in-place roadway construction
This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/8Y AC + \$22/8Y AB=\$94 + 25% for rural area and small quantitity = \$118/8' This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/S' his is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate		
This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is PCCP for zero maintenance, same as Gore Paving I needed, use 5% of construction costs; input manually Jose 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs I' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Jose 5% for parking spaces only. Use 8% is a new ramp is needed. Jose 10% due to level of detail of this estimate		
Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs 6' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs 6' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 2 guide signs for EB direction @ \$100,000 each and \$50,000 for other signs If high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
6' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate	If needed, use 5% of constru	action costs; input manually
6' high chain link fence This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate	Use 2 guide signs for EB dir	ection @ \$100,000 each and \$50,000 for other signs
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	The 10% is based on Mobilization cost from Sunset Point RA Rehab Jse 5% for parking spaces only. Use 8% is a new ramp is needed. Jse 10% due to level of detail of this estimate	6' high chain link fence	
The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	The 10% is based on Mobilization cost from Sunset Point RA Rehab Jse 5% for parking spaces only. Use 8% is a new ramp is needed. Jse 10% due to level of detail of this estimate		
The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed.	The 10% is based on Mobilization cost from Sunset Point RA Rehab Jse 5% for parking spaces only. Use 8% is a new ramp is needed. Jse 10% due to level of detail of this estimate		
Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate	This is the sum of Construct	ion SUBTOTALS above
Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
Use 5% for parking spaces only. Use 8% is a new ramp is needed.	Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate		
	Use 10% due to level of detail of this estimate		
Use 10% due to level of detail of this estimate		Use 5% for parking spaces of	only. Use 8% is a new ramp is needed.
Use 10% due to level of detail of this estimate			
		Use 10% due to level of deta	ail of this estimate

	Estimated	Project Co	sts	1
I-10 at B-10 TI SAFE AREA				
Project Description:	the Texas Ca parking area consist of an	anyon Rest A will be betwe alternative ty	rea at the exit en EB I-10 an pe pavement	tion along I-10 east of to B-10 at MP 336.9. The id the exit ramp and will lot, lighting w/ solar and trash recptacles.
Area of Disturbance: (In Acres)	9.75 Acre			
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL
SCOPING COSTS	PROJEC	1 SCOPING		
Scoping has been completed - N SUB	o Scoping C TOTAL - PR		PING COSTS	\$0
SCOPIN	G LEVEL EST	TIMATED DES	SIGN COSTS	
DESIGN COSTS PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of	LS	1	\$561,980	\$561,980
construction cost.) STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none	LS	1	\$56,198	\$56,198
required.				
SU	BTOTAL - P	ROJECT DES	SIGN COSTS	\$ 618,178
SCOPING LE	VEL FSTIMA	TED CONST	RUCTION CO	STS
ROADWAY CONSTRUCTION	. LL LG1 IIVIA	D CONSTI	.JOHON CO	
GRADING ROADWAY FOR PAVEMENT	SY	47,206	\$10	\$472,060
GORE PAVING	SY	0	\$180	\$0
PARKING PAVING	SY	45,226	\$70	\$3,165,820
RAMP PAVING	SY	1,009	\$118	\$119,062
CONSTRUCT ACCESS ROAD	SY	971	\$180	\$174,780
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one	LS	1	\$221,600	\$221,600
acre. MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway	LS	1	\$500,000	\$500,000
and other traffic signs) SUB	TOTAL - ROA	ADWAY CON	STRUCTION	\$ 4,653,322
INFRASTRUCTURE REHABILITA	TION			
REHAB RAMADAS	LS	0		\$0
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS	0		\$0 \$0
REHAB CARETAKER'S RESIDENCE	LS	0		\$0
REHAB PAVEMENT REHAB SIDEWALKS	LS LS	0		\$0 \$0
REMOVE RESTROOM BLDG	Each	0		\$0
UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL	LS LS	0		\$0 \$0
REHAB MECHANICAL PROVIDE ELECTRICAL TO SITE	LS LS	0		\$0 \$0
SUBTOTAL -			BILITATION	\$0 \$ -
OTHER NEW CONSTRUCTION IT	TEMS			
INSTALL LIGHTING W/ SOLAR PANELS INSTALL SECURITY CAMERAS	Each LS	8	\$5,000.00	\$40,000 \$0
INSTALL VAULTED TOILET	Each	2	\$350,000.00	\$700,000
INSTALL COMPOSTING TOILET TRASH RECPTACLES	Each Each	6	\$1,000.00	\$0 \$6,000
INSTALL SIGNS AND DISPLAYS INSTALL FENCING	Each LF	4.016	\$25,000.00 \$30.00	\$100,000 \$120,480
NEW ADA IMPROVEMENTS	LS	0	\$00.00	\$0
INSTALL SOLAR PANEL SYSTEM	Each Each	0		\$0 \$0
SUBTOTAL -				\$ 966,480
30B1	OTAL - CON	STRUCTION	LINE II ENIS	\$ 5,619,802
MOBILIZATION AND ADMINISTRA	ATION COST	s	_	
CONTRACTOR MOBILIZATION (Typically 10% of construction cost)	LS	1	\$561,980	\$561,980
TRAFFIC CONTROL (0-8% of construction	LS	1	\$449,584	\$449,584
cost) CONSTRUCTION SURVEY & LAYOUT	LS	1	\$56.198	\$56.198
(Typically 1% of construction cost) CONSTRUCTION CONTINGENCIES			,	,
(Typically 10% of construction cost)	LS	1	\$561,980	\$561,980
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$1,011,564	\$1,011,564
SUBTOTAL - MOBIL				\$ 2,641,307
TOTAL E	STIMATED (CONSTRUCT	ION COSTS	\$ 8,261,109
RIGHT-OF-WAY ACQUISITION (if	I	I	I	
RIGHT-OF-WAY ACQUISITION (IF necessary) TOTAL ESTI	Acre	IECT COST	All subtotals)	\$0
TOTAL ESTI	WAIED PKO	JEUT COST (MII SUDTOTAIS)	\$8,879,287

- Designer Notes:

 1. The horizontal curvature of the US 191 ramp at the intersection with the access point from the SAFE lot restricts horizontal sight distance for trucks making a left turn out of the lot. Therefore, access to/from the lot should be restricted to WB I-10 traffic only.
- 2. The SAFE lot will accommodate 127 truck parking spaces. There are 71 spaces that are accessed off the EB exit ramp (EB I-10) and 56 spaces accessed off the crossroad (WB I-10). Total EB spaces (Sbyl Rd Tl and B-10) are 37+71= 108, which exceeds the 86 spaces needed at Texas Canyon Rest Area for 2042. Total WB spaces (US 191 and B-10) are 85+56= 141, which exceeds the 100 spaces needed at Texas Canyon Rest Area for 2042.

Comments
NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the <i>Basis of Design and</i> To Be Updated
Unit Costs memorandum from the 2023 Statewide Rest Area Parking Study.
To ID need for SWPPP: Over 1 acre requires SWPPP.
Use 10 % of the cost from E54.
Managed and AV of the analysis and
If needed, use 1% of the construction cost.
Total costs are for complete-in-place roadway construction
Total book did to somplete in place reading contribution.
This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143+25% for rural area an small quantity = \$180/SY
This is an alternative to AC pavement-TBD
This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY
This is PCCP for zero maintenance, same as Gore Paving
If needed, use 5% of construction costs; input manually
Use 4 guide signs for EB and WB direction @ \$100,000 each and \$50,000 for other signs
6' high chain link fence
e ingiranarian rene
This is the sum of Construction SUBTOTALS above
The 10% is based on Mobilization cost from Sunset Point RA Rehab
Use 5% for parking spaces only. Use 8% is a new ramp is needed.
Use 10% due to level of detail of this estimate

	Estimated	Project Co	osts		
I-40 at Hibbard		•			
Project Description:	Construct EB and WB truck parking areas along I-40 between Winslow and Joseph City at MP 266.4. This is at the site of existing R/W set aside in 1969 for a future rest area and will consist of new exit and entrance ramps, alternative type pavement areas, lighting w solar panels, toilet facilities,				
highway signage, and trash recptacles. Area of Disturbance: (In Acres) Approx. 2 Acres					
Area of Distarbance. (III Acres)	лфргох. <i>2</i> л	l			
ITEM DESCRIPTION	UNIT PROJEC	QUAN. T SCOPING	UNIT PRICE	TOTAL	
SCOPING COSTS Scoping has been completed - N	lo Scoping C	osts			
SUB.	TOTAL - PRO	DJECT SCO	PING COSTS	\$0	
SCOPING	3 LEVEL EST	IMATED DE	SIGN COSTS	i	
DESIGN COSTS					
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$876,104	\$876,104	
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$87,610	\$87,610	
SU	BTOTAL – PI	ROJECT DES	SIGN COSTS	\$ 963,714	
SCOPING LE	VEL ESTIMA	TED CONST	RUCTION CO	OSTS	
ROADWAY CONSTRUCTION					
GRADING ROADWAY FOR PAVEMENT	SY	78,912	\$10	\$789,120	
GORE PAVING	SY	655	\$180	\$117,900	
PARKING PAVING	SY	67,321	\$70	\$4,712,470	
RAMP PAVING	SY	10,936	\$118	\$1,290,448	
CONSTRUCT ACCESS ROAD	SY	0	\$180	\$0	
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one acre.	LS	1	\$417,200	\$417,200	
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway	LS	1	\$500,000	\$500,000	
and other traffic signs)	TOTAL - ROA	ADWAY CON	STRUCTION	\$ 7,827,138	
INFRASTRUCTURE REHABILITA	ATION				
REHAB RAMADAS	LS	0		\$0	
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS	0		\$0 \$0	
REHAB CARETAKER'S RESIDENCE	LS	0		\$0	
REHAB PAVEMENT REHAB SIDEWALKS	LS LS	0		\$0 \$0	
REMOVE RESTROOM BLDG	Each	0		\$0	
UPGRADE INTERIOR LIGHTING REHAB STRUCTURAL	LS LS	0		\$0 \$0	
REHAB MECHANICAL	LS	0		\$0	
PROVIDE ELECTRICAL TO SITE SUBTOTAL – I	NFRASTRUC	TURE REHA	BILITATION	\$0	
OTHER NEW CONSTRUCTION I	TEMS				
INSTALL LIGHTING w/ SOLAR PANEL	Each	8	\$5,000.00	\$40,000	
INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET	LS Each	2	\$350,000.00	\$0 \$700,000	
INSTALL COMPOSTING TOILET	Each	0		\$0	
TRASH RECPTACLES INSTALL SIGNS AND DISPLAYS	Each Each	6 4	\$1,000.00 \$25,000.00	\$6,000 \$100,000	
INSTALL FENCING	LF	2,930	\$30.00	\$87,900	
NEW ADA IMPROVEMENTS INSTALL WIRELESS INTERNET SYSTEM	LS Each	0		\$0 \$0	
INSTALL SOLAR PANEL SYSTEM	Each	0		\$0	
SUBTOTAL - (OTAL - CON			\$ 933,900 \$ 8,761,038	
MOBILIZATION AND ADMINISTS	RATION COS	TS	1		
CONTRACTOR MOBILIZATION (Typically 10% of construction cost)	LS	1	\$876,104	\$876,104	
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$700,883	\$700,883	
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$87,610	\$87,610	
CONSTRUCTION CONTINGENCIES	LS	1	\$876,104	\$876,104	
(Typically 10% of construction cost) CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$1,576,987	\$1,576,987	
SUBTOTAL - MOBIL	IZATION & A	DMINISTRA	TION COSTS	\$ 4,117,688	
TOTAL E	STIMATED (CONSTRUCT	ION COSTS	\$ 12,878,726	
RIGHT-OF-WAY ACQUISITION (if necessary)	Acre	0		\$0	
TOTAL ESTIN	MATED PRO	ECT COST	(All <u>subtotals</u>)	\$13,842,440	

Designer Notes

 The number of truck parking spaces provided meets the demand for spaces for 2042; 76 for EB and 82 for WB.

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The number of spaces provided have been set to accommodate deficiencies at both the Meteor Crater Rest Area and local clusters of Undesignated Truck Parking interchange ramps. Size of project with new ramps suggests to construct to meet 2042 needs.

To ID need for SWPPP: Over 1 acre requires SWPPP.

This project does NOT require new Right-of-Way

Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs 6' high chain link fence between parking areas and I-40 This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate

	Estimated	Project Co	sts	
I-40 at Crazy Creek				
Project Description:	Construct EB and WB truck parking areas along I-40 between Holbrook and Sanders at MP 321.6. This is at the site of existing R/W set aside in 1969 for a future rest area and will consist of new exit and entrance ramps, alternative type pavement areas, lighting w solar panels, toilet facilities, highway signage, and trash recptacles.			
Area of Disturbance: (In Acres)	Approx. 2 Ac	cres		
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL
SCOPING COSTS				
Scoping has been completed - N SUB	TOTAL - PRO		ING COSTS	\$0
SCOPING	S LEVEL EST	IMATED DE	SIGN COSTS	;
DESIGN COSTS				
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$962,355	\$962,355
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$96,236	\$96,236
SUI	BTOTAL - PF	ROJECT DES	IGN COSTS	\$ 1,058,591
SCOPING LE	VEL ESTIMA	TED CONST	RUCTION CO	OSTS
ROADWAY CONSTRUCTION				
GRADING ROADWAY FOR PAVEMENT	SY	87,210	\$10	\$872,100
GORE PAVING	SY	689	\$180	\$124,020
PARKING PAVING	SY	71,867	\$70	\$5,030,690
RAMP PAVING CONSTRUCT ACCESS ROAD	SY	14,653	\$118 \$180	\$1,729,054 \$0
INSTALLATION OF STORMWATER	51	U	\$180	\$0
POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one	LS	1	\$412,790	\$412,790
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway and other traffic signs)	LS	1	\$500,000	\$500,000
	TOTAL - ROA	DWAY CON	STRUCTION	\$ 8,668,654
INFRASTRUCTURE REHABILITA	ATION			
REHAB RAMADAS REHAB RESTROOM BLDG	LS LS	0		\$0 \$0
REHAB WELL PUMP HOUSE	LS	0		\$0
REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT	LS LS	0		\$0 \$0
REHAB SIDEWALKS	LS	0		\$0
REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING	Each LS	0		\$0 \$0
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0		\$0 \$0
PROVIDE ELECTRICAL TO SITE	LS	0		\$0
SUBTOTAL - I		TURE REHA	BILITATION	-
OTHER NEW CONSTRUCTION IT INSTALL LIGHTING w/ SOLAR PANEL	FEMS Each	8	\$5,000.00	\$40,000
INSTALL SECURITY CAMERAS INSTALL VAULTED TOILET	LS Each	0 2	\$350,000,00	\$0 \$700,000
INSTALL COMPOSTING TOILET	Each	0	,	\$0
TRASH RECPTACLES INSTALL SIGNS AND DISPLAYS	Each Each	6	\$1,000.00 \$25,000.00	\$6,000 \$100,000
INSTALL FENCING	LF	3,630	\$30.00	\$108,900
NEW ADA IMPROVEMENTS INSTALL WIRELESS INTERNET SYSTEM	LS Each	0		\$0 \$0
INSTALL SOLAR PANEL SYSTEM SUBTOTAL - 0	Each OTHER CONS	0 STRUCTION	LINE ITEMS	\$0 \$ 954.900
	OTAL - CONS			\$ 9,623,554
				0,020,001
MOBILIZATION AND ADMINISTR	RATION COS	TS	1	
CONTRACTOR MOBILIZATION (Typically 10% of construction cost) TRAFFIC CONTROL (0-8% of construction	LS LS	1	\$962,355 \$769.884	\$962,355 \$769.884
cost) CONSTRUCTION SURVEY & LAYOUT				,
(Typically 1% of construction cost)	LS	1	\$96,236	\$96,236
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$962,355	\$962,355
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$1,732,240	\$1,732,240
SUBTOTAL - MOBIL	ZATION & A	DMINISTRAT	TION COSTS	\$ 4,523,070
TOTAL E	STIMATED C	ONSTRUCT	ION COSTS	\$ 14,146,624
RIGHT-OF-WAY ACQUISITION (if necessary)	Acre	0		\$0
			All subtotals)	\$15,205,215

Designer Notes

1. The number of truck parking spaces provided meets the demand for spaces for 2042. For EB, the demand is 80 spaces, with 84 shown. For WB, the demand is 82 spaces, with 92 shown.

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The number of spaces provided have been set to accommodate deficiencies at both the Painted Cliffs Rest Area and local clusters of Undesignated Truck Parking interchange ramps. Size of project with new ramps suggests to construct to meet 2042 needs.

To ID need for SWPPP: Over 1 acre requires SWPPP.

This project does NOT require new Right-of-Way

Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs 6' high chain link fence between parking areas and I-40 This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate

Estimated Project Costs					
I-40 West of Seligman - Near Cro	ss Mountain	Rd TI			
Project Description:	Construct EB and WB truck parking areas along I-40 west of Seligman at MP 98.2. This is at the site of existing R/W set aside in 1966 for a future rest area and will consist of new exit and entrance ramps, alternative type pavement areas, lighting w solar panels, toilet facilities, highway signage, and trash recptacles.				
Area of Disturbance: (In Acres)	7.7 Acres				
ITEM DESCRIPTION	UNIT PROJEC	QUAN.	UNIT PRICE	TOTAL	
SCOPING COSTS Scoping has been completed - N	o Scoping C	osts			
		DJECT SCOP		\$0	
DESIGN COSTS	, LLVLL LOI	IMATED DE	0.011 00010		
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$523,771	\$523,771	
STORM WATER POLLUTION PREVENTION PLAN Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter 50 in Unit Price column if none required.	LS	1	\$52,377	\$52,377	
	BTOTAL – PF	ROJECT DES	IGN COSTS	\$ 576,148	
SCOPING LEV	/EL ESTIMA	TED CONSTI	RUCTION CO	osts	
ROADWAY CONSTRUCTION					
GRADING ROADWAY FOR PAVEMENT GORE PAVING	SY	37,149 656	\$10 \$180	\$371,490 \$118,080	
PARKING PAVING	SY	25,306	\$180	\$1,771,420	
RAMP PAVING	SY	11,187	\$118	\$1,320,066	
CONSTRUCT ACCESS ROAD	SY	0	\$180	\$0	
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of construcests) Enter 26 in Unit Price column if area of disturbance is less than one	LS	1	\$204,050	\$204,050	
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway and other traffic signs)	LS	1	\$500,000	\$500,000	
MISCELLANEOUS RDWY WORK- Extend 120" Structural Plate Pipe, with	LS	1	\$120,000	\$120,000	
mitered ends, borrow, and guard rail.		DWAY CON		\$ 4,285,106	
INFRASTRUCTURE REHABILITA	TION				
REHAB RAMADAS	LS LS	0		\$0	
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS	0		\$0 \$0	
REHAB CARETAKER'S RESIDENCE REHAB PAVEMENT	LS LS	0		\$0 \$0	
REHAB SIDEWALKS	LS Each	0		\$0 \$0	
REMOVE RESTROOM BLDG UPGRADE INTERIOR LIGHTING	LS	0		\$0 \$0	
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0		\$0 80	
PROVIDE ELECTRICAL TO SITE	LS	0		\$0	
SUBTOTAL – II		TURE REHA	BILITATION	\$ -	
OTHER NEW CONSTRUCTION IT NSTALL LIGHTING W/ SOLAR PANEL	EMS Each	8	\$5,000.00	\$40,000	
INSTALL SECURITY CAMERAS	LS	0		\$0	
INSTALL VAULTED TOILET INSTALL COMPOSTING TOILET	Each Each	0	\$350,000.00	\$700,000 \$0	
TRASH RECPTACLES	Each	4	\$1,000.00	\$4,000	
NSTALL SIGNS AND DISPLAYS NSTALL FENCING	Each LF	4 3,620	\$25,000.00 \$30.00	\$100,000 \$108,600	
NEW ADA IMPROVEMENTS	LS	0		\$0	
INSTALL WIRELESS INTERNET SYSTEM INSTALL SOLAR PANEL SYSTEM	Each Each	0		\$0 \$0	
SUBTOTAL - 0 SUBT		STRUCTION STRUCTION		\$ 952,600 \$ 5,237,706	
NODU ITATION OF THE STATE OF TH	A-TIC:				
MOBILIZATION AND ADMINISTR	ATION COS	15			
CONTRACTOR MOBILIZATION (Typically 10% of construction cost) TRAFFIC CONTROL (0-8% of construction	LS	1	\$523,771	\$523,771	
cost) CONSTRUCTION SURVEY & LAYOUT	LS	1	\$419,016	\$419,016	
Typically 1% of construction cost) CONSTRUCTION CONTINGENCIES	LS LS	1	\$52,377 \$523,771	\$52,377 \$523,771	
(Typically 10% of construction cost) CONSTRUCTION ADMINISTRATION	LS	1	\$942,787	\$923,771 \$942,787	
(Averaging 18% of construction cost) SUBTOTAL – MOBILI				\$ 2,461,722	
		ONSTRUCT		\$ 2,461,722 \$ 7,699,428	
				.,,	
RIGHT-OF-WAY ACQUISITION (if necessary)	Acre	0		\$0	
TOTAL ESTIN	ATED PROJ	ECT COST (All subtotals)	\$8,275,575	
Designer Notes:					

Designer Notes:

1. Estimated needed truck parking spaces is 36 for EB and 36 for WB, for a total of 72 spaces.

	explanation of the generic basis of design, basis of construction derivation of unit costs, please see the <i>Basis of Design and</i> To Be Updated
	derivation of unit costs, please see the <i>Basis of Design and</i> morandum from the 2023 Statewide Rest Area Parking Study.
To ID need for	SWPPP: Over 1 acre requires SWPPP.
Use 10 % of th	e cost from E54.
It needed, use	1% of the construction cost.
Total costs are	for complete-in-place roadway construction
This is 11" PC	CP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/
	native to AC pavement-TBD (For quantity, use 55% of 36,683 SY= 20,176 SY
	over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY
	or zero maintenance, same as Gore Paving
11113 13 1 001 1	of Zero maintenance, same as core raving
If needed, use	5% of construction costs; input manually
Use 2 quide si	gns for each direction @ \$100,000 each and \$100,000 for other signs
3	,
Extend pipe 19	Rt EB and 26' Lt WB
6' high chain li	ak fence between parking areas and I-40
- mgm ondiri III	
	ACCURATION OF THE PROPERTY OF
This is the sum	of Construction SUBTOTALS above

Use 5% for parking spaces only. Use 8% is a new ramp is needed.

Use 10% due to level of detail of this estimate

	Estimated	Project Co	sts	
I-40 at Dead River				
Project Description:	Construct EB and WB truck parking areas along I-40 between Holbrook and Sanders at MP 315.8. This is at the site of existing R/W set aside in 1969 for a future rest area and will consist of new exit and entrance ramps, alternative type pavement areas, lighting w' solar panels, toilet facilities, highway signage, and trash recptacles.			
Area of Disturbance: (In Acres)	Approx. 2 A			
Area of Distarbance. (III Acres)	Тергох. 27	1	1	
ITEM DESCRIPTION	UNIT PROJE	QUAN. CT SCOPING	UNIT PRICE	TOTAL
SCOPING COSTS Scoping has been completed - N SUB		Costs OJECT SCOF	PING COSTS	\$0
SCOPING	S LEVEL ES	TIMATED DE	SIGN COSTS	
DESIGN COSTS	ı	1	ı	
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.)	LS	1	\$461,660	\$461,660
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$46,166	\$46,166
SUI	STOTAL - P	ROJECT DES	SIGN COSTS	\$ 507,826
SCOPING LE	VEL ESTIMA	ATED CONST	RUCTION CO	STS
ROADWAY CONSTRUCTION	67	40.000		A40
GRADING ROADWAY FOR PAVEMENT GORE PAVING	SY	40,000 650	\$10 \$180	\$400,000 \$117,000
PARKING PAVING	SY	22,262	\$180	\$1,558,340
RAMP PAVING	SY	8,109	\$118	\$956,862
CONSTRUCT ACCESS ROAD	SY	0,109	\$180	\$930,002
INSTALLATION OF STORMWATER	31	-	\$100	40
POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one	LS	1	\$176,600	\$176,600
MISCELLANEOUS RDWY WORK- Traffic Signs (Guide signs along highway	LS	1	\$500,000	\$500,000
and other traffic signs)	I FOTAL - RO	ADWAY CON	I STRUCTION	\$ 3,708,802
INFRASTRUCTURE REHABILITA	ATION			
REHAB RAMADAS	LS	0		\$0
REHAB RESTROOM BLDG REHAB WELL PUMP HOUSE	LS LS	0		\$0 \$0
REHAB CARETAKER'S RESIDENCE	LS	0		\$0
REHAB PAVEMENT	LS	0		\$0
REHAB SIDEWALKS REMOVE RESTROOM BLDG	LS Each	0		\$0 \$0
UPGRADE INTERIOR LIGHTING	LS	0		\$0
REHAB STRUCTURAL REHAB MECHANICAL	LS LS	0		\$0 \$0
PROVIDE ELECTRICAL TO SITE	LS	0		\$0
SUBTOTAL – I	NFRASTRU	CTURE REHA	BILITATION	\$ -
OTHER NEW CONSTRUCTION IT INSTALL LIGHTING W/ SOLAR PANEL		8	\$5,000.00	\$40.000
INSTALL LIGHTING W SOLAR PANEL INSTALL SECURITY CAMERAS	Each LS	0		\$40,000
INSTALL VAULTED TOILET	Each	2	\$350,000.00	\$700,000
INSTALL COMPOSTING TOILET TRASH RECPTACLES	Each Each	6	\$1,000.00	\$0 \$6,000
INSTALL SIGNS AND DISPLAYS	Each	4	\$25,000.00	\$100,000
INSTALL FENCING NEW ADA IMPROVEMENTS	LF LS	2,060	\$30.00	\$61,800 \$0
INSTALL WIRELESS INTERNET SYSTEM	Each	0		\$0
INSTALL SOLAR PANEL SYSTEM SUBTOTAL - (Each OTHER CON	STRUCTION	LINE ITEMS	\$0 \$ 907,800
		ISTRUCTION		\$ 4,616,602
MOBILIZATION AND ADMINISTE	RATION COS	STS		
CONTRACTOR MOBILIZATION (Typically 10% of construction cost)	LS	1	\$461,660	\$461,660
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$369,328	\$369,328
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$46,166	\$46,166
CONSTRUCTION CONTINGENCIES (Typically 10% of construction cost)	LS	1	\$461,660	\$461,660
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$830,988	\$830,988
SUBTOTAL - MOBIL	ZATION & A	DMINISTRAT	TION COSTS	\$ 2,169,803
TOTAL E	STIMATED	CONSTRUCT	ION COSTS	\$ 6,786,405
RIGHT-OF-WAY ACQUISITION (if necessary)	Acre	0		\$0
TOTAL FORM	IATED DOG	IECT COST	All oubt-t-!	A= 00.1 :
TOTAL ESTIN	IN I ED PRO	JECT COST (All <u>subtotals</u>)	\$7,294,231

Designer Notes

1. The number of truck parking spaces provided meets the demand for spaces for 2042. For EB, the demand is 80 spaces, with 84 shown. For WB, the demand is 82 spaces, with 92 shown.

Comments

NOTE: For an explanation of the generic basis of design, basis of construction item units, and derivation of unit costs, please see the **Basis of Design and Unit Costs** memorandum from the 2023 Statewide Rest Area Parking Study.

To Be Updated

The number of spaces provided have been set to accommodate deficiencies at both the Painted Cliffs Rest Area and local clusters of Undesignated Truck Parking interchange ramps. Size of project with new ramps suggests to construct to meet 2042 needs.

To ID need for SWPPP: Over 1 acre requires SWPPP.

This project does NOT require new Right-of-Way

Use 10 % of the cost from E54. If needed, use 1% of the construction cost. Total costs are for complete-in-place roadway construction This is 11" PCCP over 4" AB (From MAG estimate: \$135/SY PCCP + \$8/SY AB=\$143 + 25% for rural area and small quantity = \$180/SY This is an alternative to AC pavement-TBD This is 11" AC over 11" AB (From MAG estimate: \$72/SY AC + \$22/SY AB=\$94 + 25% for rural area and small quantitity = \$118/SY This is PCCP for zero maintenance, same as Gore Paving If needed, use 5% of construction costs; input manually Use 2 guide signs for each direction @ \$100,000 each and \$100,000 for other signs 6' high chain link fence between parking areas and I-40 This is the sum of Construction SUBTOTALS above The 10% is based on Mobilization cost from Sunset Point RA Rehab Use 5% for parking spaces only. Use 8% is a new ramp is needed. Use 10% due to level of detail of this estimate