

APPENDIX B

Cost Estimates

SR-7 Trail Cost Estimates by Segment  
SR-9 and US-89 Cost Estimates by Segment

# SR-7 Trail Cost Estimates by Segment

Year	Rate	Recommended Rate	Cumulative Inflation Factor
2024	0.0%	0.0%	1.00
2025	8.0%	8.0%	1.08
2026	7.0%	7.0%	1.16
2027	6.0%	6.0%	1.22
2028	6.0%	6.0%	1.30
2029	6.0%	6.0%	1.38
2030	6.0%	6.0%	1.46
2031	6.0%	6.0%	1.55
2032	6.0%	6.0%	1.64
2033	6.0%	6.0%	1.74
2034	6.0%	6.0%	1.84
2035	6.0%	6.0%	1.95
2036	6.0%	6.0%	2.07
2037	6.0%	6.0%	2.19
2038	6.0%	6.0%	2.33
2039	6.0%	6.0%	2.46
2040	6.0%	6.0%	2.61
2041	6.0%	6.0%	2.77
2042	6.0%	6.0%	2.94
2043	6.0%	6.0%	3.11
2044	6.0%	6.0%	3.30
2045	6.0%	6.0%	3.50
2046	6.0%	6.0%	3.71
2047	6.0%	6.0%	3.93
2048	6.0%	6.0%	4.16
2049	6.0%	6.0%	4.41
2050	6.0%	6.0%	4.68

Please contact UDOT Estimate Support with any questions (801-360-0580).

Manually Input

Utah Department of Transportation - Central Preconstruction  
Construction Cost Outlook and Recommended Inflation Projections - June 2022

Executive Summary - Construction Item Inflation (CY = Calendar Year)

	CY 2023	CY 2024	CY 2025	CY 2026
High	11%	9%	8%	8%
Recommended	8%	7%	6%	6%
Low	6%	5%	4%	4%

These percentage recommendations are approved to use in the UDOT Concept Cost Estimate Spreadsheet

Contributors to Inflation Forecast

General

- The year 2022 should be another year of substantial economic expansion in Utah.
- The 2020 census data identified Utah as the fastest-growing state in the nation between 2010 and 2020.
- The pandemic caused supply chain challenges and labor shortages, and currently China COVID related lockdowns and the war in Ukraine have created new sources of inflationary pressures.
- Consumer price inflation has significantly increased and is near a four-decade high.
- The Federal Reserve is raising interest rates as part of its most aggressive effort in decades to curb upward price pressures. The Federal Reserve faces a difficult task of slowing growth enough to bring down inflation without triggering a recession.

Labor

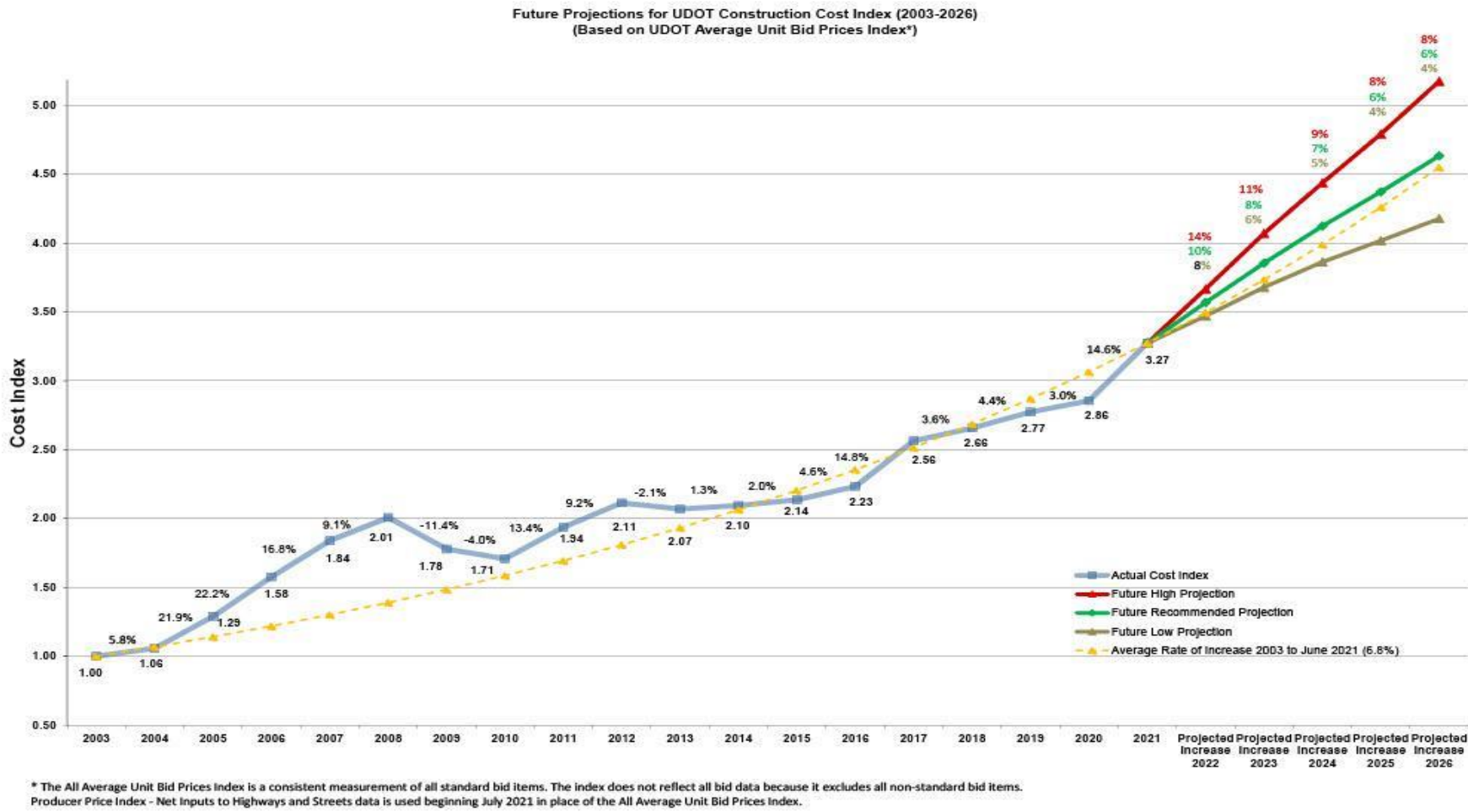
- Utah's unemployment rate has fallen to a near low of 2.0%.
- Utah had the highest state construction employment change in the nation at 13.5% from February 2020 to March 2022.
- The worker shortage in construction is generally more severe than in most other industries.
- Construction workers (nonsupervisory) saw their earnings climb 6.3% year over year as of May 2022.

Materials

- The producer price index for inputs to highways and streets was up 19.6% for the past year.
- Commodities important to construction including steel, asphalt binder, and diesel fuel have had significant price increases during 2021 and 2022.
- The U.S. Energy Information Administration (EIA) forecasts crude oil, gasoline, and diesel prices will decline from current levels in 2022 and 2023.
- As a barometer for construction costs, consumer price increases have been elevated during the first half of 2022. However, those increases are expected to cool somewhat during the second half of the year.

Funding

- Sizeable federal and state infrastructure funding may put increased pressure on resources and prices.
- The Cumming Construction Spending Index for Utah is forecast to decline 8% in 2022 and another 4% in 2023.
- The value of permit-authorized construction in Utah in 2022 is forecast to increase 1.0% from 2021.



Sources include: Utah Economic Report to the Governor 2022; ENR; Construct Connect; Bureau of Labor Statistics; Associated General Contractors of America; Utah Department of Workforce Services; Wall Street Journal; U.S. Energy Information Administration; Cumming Management Group; and CNBC.

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/12/2024

Proposed Project Scope: SOUTHERN HILLS PARKWAY (MP 5) TO FT. PEARCE WASH

Approximate Route Reference Mile Post (BEGIN) =	MP 5	(END) =	MP 5
Project Length =	1.600	miles	8,448 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$714,822	
Drainage	\$75,911	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$790,733	
Items not Estimated (20%)	\$158,147	
Construction Subtotal	\$948,880	
P.E. Cost	P.E. Subtotal	\$189,77620%
C.E. Cost	C.E. Subtotal	\$94,88810%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$189,776	\$212,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$948,881	\$1,162,000
C.E.		\$94,888	\$106,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$85,000	\$104,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$1,318,545	\$1,584,000
		TOTAL	TOTAL
		\$1,318,545	\$1,584,000

PROPOSED COMMISSION REQUEST	TOTAL	\$1,319,000	TOTAL	\$1,584,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$63,258.60	10% of construction
015547005	Traffic Control		Lump		\$18,977.58	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	101,376	sq ft	\$2.65	\$268,646.40	
#N/A	Type II Road Base (0.75" Depth)	101,376	sq ft	\$1.62	\$164,229.12	
#N/A	8" Thick Class A1a Pit Run Material	101,376	sq ft	\$1.39	\$140,912.64	
#N/A	Trail Clearing and Grubbing	202,752	sq ft	\$0.29	\$58,798.08	
<b>Roadway Subtotal</b>					<b>\$632,586</b>	
<b>Roadway Total</b>					<b>\$714,822</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$75,911</b>	12% of Roadway Subtotal
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/12/2024

Proposed Project Scope: Ft. Pearce Wash to Airport Parkway (MP 7)

Approximate Route Reference Mile Post (BEGIN) =	MP 7	(END) =	MP 7
Project Length =	0.690	miles	3,643 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$308,267	
Drainage	\$32,736	
Traffic and Safety	\$0	
Structures	\$2,047,500	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$2,388,504	
Items not Estimated (20%)	\$477,701	
Construction Subtotal	\$2,866,205	
P.E. Cost	P.E. Subtotal	\$573,241 20%
C.E. Cost	C.E. Subtotal	\$286,620 10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$573,241	\$640,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$2,866,205	\$3,511,000
C.E.		\$286,621	\$320,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$258,000	\$316,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$3,984,066	\$4,787,000
	TOTAL	\$3,984,066	TOTAL \$4,787,000

PROPOSED COMMISSION REQUEST	TOTAL	\$3,985,000	TOTAL	\$4,787,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$27,280.30	10% of construction
015547005	Traffic Control		Lump		\$8,184.09	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	43,718	sq ft	\$2.65	\$115,853.76	
#N/A	Type II Road Base (0.75" Depth)	43,718	sq ft	\$1.62	\$70,823.81	
#N/A	8" Thick Class A1a Pit Run Material	43,718	sq ft	\$1.39	\$60,768.58	
#N/A	Trail Clearing and Grubbing	87,437	sq ft	\$0.29	\$25,356.85	
<b>Roadway Subtotal</b>					<b>\$272.803</b>	
<b>Roadway Total</b>					<b>\$308,267</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$32,736</b>	12% of Roadway Subtotal
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge	6,300	sq ft	\$325.00	\$2,047,500.00	
			sq ft			
			sq ft			
			ft			
			ft			
			ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$2,047,500</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/12/2024

Proposed Project Scope: AIRPORT PARKWAY (MP 7) TO MP 8 BRIDGE

Approximate Route Reference Mile Post (BEGIN) =	MP 7	(END) =	MP 8
Project Length =	1.010	miles	5,333 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$451,232	
Drainage	\$47,919	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$499,151	
Items not Estimated (20%)	\$99,830	
Construction Subtotal	\$598,981	
P.E. Cost	P.E. Subtotal	\$119,79620%
C.E. Cost	C.E. Subtotal	\$59,89810%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$119,796	\$134,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$598,981	\$734,000
C.E.		\$59,898	\$67,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$54,000	\$66,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$832,675	\$1,001,000
	TOTAL	\$832,675	TOTAL \$1,001,000

PROPOSED COMMISSION REQUEST	TOTAL	\$833,000	TOTAL	\$1,001,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$39,932.00	10% of construction
015547005	Traffic Control		Lump		\$11,979.60	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	63,994	sq ft	\$2.65	\$169,583.04	
#N/A	Type II Road Base (0.75" Depth)	63,994	sq ft	\$1.62	\$103,669.63	
#N/A	8" Thick Class A1a Pit Run Material	63,994	sq ft	\$1.39	\$88,951.10	
#N/A	Trail Clearing and Grubbing	127,987	sq ft	\$0.29	\$37,116.29	
<b>Roadway Subtotal</b>					<b>\$399,320</b>	
<b>Roadway Total</b>					<b>\$451,232</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$47,919</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVR TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonazalez

Date3/12/2024

Proposed Project Scope:MP 8 BRIDGE TO MP 9

Approximate Route Reference Mile Post (BEGIN) =	MP 8	(END) =	MP 9
Project Length =	0.970	miles	5,122 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$433,361	
Drainage	\$46,021	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$479,382	
Items not Estimated (20%)	\$95,876	
Construction Subtotal	\$575,258	
P.E. Cost	P.E. Subtotal	\$115,05220%
C.E. Cost	C.E. Subtotal	\$57,52610%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$115,052	\$128,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$575,259	\$705,000
C.E.		\$57,526	\$64,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$52,000	\$64,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$799,837	\$961,000
	TOTAL	\$799,837	TOTAL \$961,000

PROPOSED COMMISSION REQUEST	TOTAL	\$800,000	TOTAL	\$961,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVR TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$38,350.50	10% of construction
015547005	Traffic Control		Lump		\$11,505.15	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Categoty I Asphalt (with prime)	61,459	sq ft	\$2.65	\$162,866.88	
#N/A	Type II Road Base (0.75" Depth)	61,459	sq ft	\$1.62	\$99,563.90	
#N/A	8" Thick Class A1a Pit Run Material	61,459	sq ft	\$1.39	\$85,428.29	
#N/A	Trail Clearing and Grubbing	122,918	sq ft	\$0.29	\$35,646.34	
<b>Roadway Subtotal</b>					<b>\$383,505</b>	
<b>Roadway Total</b>					<b>\$433,361</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$46,021</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTVR TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: MP 9 TO WARNER VALLEY ROAD (MP 10)

Approximate Route Reference Mile Post (BEGIN) =	MP 9	(END) =	MP 10
Project Length =	1.170	miles	6,178 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$522,714	
Drainage	\$55,510	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$578,224	
Items not Estimated (20%)	\$115,645	
Construction Subtotal	\$693,869	
P.E. Cost	P.E. Subtotal	\$138,774 20%
C.E. Cost	C.E. Subtotal	\$69,387 10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$138,774	\$155,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$693,869	\$850,000
C.E.		\$69,387	\$77,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$62,000	\$76,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$964,030	\$1,158,000
	TOTAL	\$964,030	TOTAL \$1,158,000

PROPOSED COMMISSION REQUEST	TOTAL	\$965,000	TOTAL	\$1,158,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$46,257.90	10% of construction
015547005	Traffic Control		Lump		\$13,877.37	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	74,131	sq ft	\$2.65	\$196,447.68	
#N/A	Type II Road Base (0.75" Depth)	74,131	sq ft	\$1.62	\$120,092.54	
#N/A	8" Thick Class A1a Pit Run Material	74,131	sq ft	\$1.39	\$103,042.37	
#N/A	Trail Clearing and Grubbing	148,262	sq ft	\$0.29	\$42,996.10	
<b>Roadway Subtotal</b>					<b>\$462,579</b>	
<b>Roadway Total</b>					<b>\$522,714</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$55,510</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: WARNER VALLEY ROAD (MP 10) TO 3650 SOUTH (MP 11)

Approximate Route Reference Mile Post (BEGIN) =	MP 10	(END) =	MP 11
Project Length =	1.890	miles	9,979 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$844,383	
Drainage	\$89,670	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$934,053	
Items not Estimated (20%)	\$186,811	
Construction Subtotal	\$1,120,864	
P.E. Cost	P.E. Subtotal	\$224,17320%
C.E. Cost	C.E. Subtotal	\$112,08610%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$224,173	\$250,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$1,120,864	\$1,373,000
C.E.		\$112,086	\$125,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$101,000	\$124,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$1,558,123	\$1,872,000
	TOTAL	\$1,558,123	TOTAL \$1,872,000

PROPOSED COMMISSION REQUEST	TOTAL	\$1,559,000	TOTAL	\$1,872,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$74,724.20	10% of construction
015547005	Traffic Control		Lump		\$22,417.26	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	119,750	sq ft	\$2.65	\$317,338.56	
#N/A	Type II Road Base (0.75" Depth)	119,750	sq ft	\$1.62	\$193,995.65	
#N/A	8" Thick Class A1a Pit Run Material	119,750	sq ft	\$1.39	\$166,452.50	
#N/A	Trail Clearing and Grubbing	239,501	sq ft	\$0.29	\$69,455.23	
<b>Roadway Subtotal</b>					<b>\$747,242</b>	
<b>Roadway Total</b>					<b>\$844,383</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$89,670</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: 3650 SOUTH (MP 11) TO LONG VALLEY TRAIL

Approximate Route Reference Mile Post (BEGIN) =	MP 11	(END) =	MP 11
Project Length =	0.910	miles	4,805 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$406,555	
Drainage	\$43,174	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$449,729	
Items not Estimated (20%)	\$89,946	
Construction Subtotal	\$539,675	
P.E. Cost	P.E. Subtotal	\$107,93520%
C.E. Cost	C.E. Subtotal	\$53,96810%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$107,935	\$121,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$539,675	\$661,000
C.E.		\$53,968	\$60,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$49,000	\$60,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$750,578	\$902,000
	TOTAL	\$750,578	TOTAL \$902,000

PROPOSED COMMISSION REQUEST	TOTAL	\$751,000	TOTAL	\$902,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$35,978.30	10% of construction
015547005	Traffic Control		Lump		\$10,793.49	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	57,658	sq ft	\$2.65	\$152,792.64	
#N/A	Type II Road Base (0.75" Depth)	57,658	sq ft	\$1.62	\$93,405.31	
#N/A	8" Thick Class A1a Pit Run Material	57,658	sq ft	\$1.39	\$80,144.06	
#N/A	Trail Clearing and Grubbing	115,315	sq ft	\$0.29	\$33,441.41	
<b>Roadway Subtotal</b>					<b>\$359,783</b>	
<b>Roadway Total</b>					<b>\$406,555</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$43,174</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date3/13/2024

Proposed Project Scope:TRAIL ALONG LONG VALLEY TRAIL TO LONG VALLEY ROAD (MP 15)

Approximate Route Reference Mile Post (BEGIN) =	MP 15	(END) =	MP 15
Project Length =	1.560	miles	8,237 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$696,952	
Drainage	\$75,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$771,952	
Items not Estimated (20%)	\$154,390	
Construction Subtotal	\$926,342	
P.E. Cost	P.E. Subtotal	\$185,26820%
C.E. Cost	C.E. Subtotal	\$92,63410%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$185,268	\$207,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$926,342	\$1,135,000
C.E.		\$92,634	\$103,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$83,000	\$102,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$1,287,245	\$1,547,000
	TOTAL	\$1,287,245	TOTAL \$1,547,000

PROPOSED COMMISSION REQUEST	TOTAL	\$1,288,000	TOTAL	\$1,547,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$61,677.20	10% of construction
015547005	Traffic Control		Lump		\$18,503.16	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	98,842	sq ft	\$2.65	\$261,930.24	
#N/A	Type II Road Base (0.75" Depth)	98,842	sq ft	\$1.62	\$160,123.39	
#N/A	8" Thick Class A1a Pit Run Material	98,842	sq ft	\$1.39	\$137,389.82	
#N/A	Trail Clearing and Grubbing	197,683	sq ft	\$0.29	\$57,328.13	
<b>Roadway Subtotal</b>					<b>\$616.772</b>	
<b>Roadway Total</b>					<b>\$696,952</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$75.000</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: TRAIL ALONG LONG VAEELLY ROAD TO CANAL TRAIL

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	0.240	miles	1,267 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$107,223	
Drainage	\$12,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$119,223	
Items not Estimated (20%)	\$23,845	
Construction Subtotal	\$143,068	
P.E. Cost	P.E. Subtotal \$28,614	20%
C.E. Cost	C.E. Subtotal \$14,307	10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal \$0	
Utilities	Utilities Subtotal \$0	
Incentives	Incentives Subtotal \$0	
Miscellaneous	Miscellaneous Subtotal \$0	

Cost Estimate (ePM screen 505)	2024	2027
P.E.	\$28,614	\$32,000
Right of Way	\$0	\$0
Utilities	\$0	\$0
Construction	\$143,068	\$175,000
C.E.	\$14,307	\$16,000
Incentives	\$0	\$0
Aesthetics	0.75% \$0	\$0
Change Order Contingency	9.00% \$13,000	\$16,000
UDOT Oversight	\$0	\$0
Miscellaneous	\$0	\$0
Subtotal	\$198,988	\$239,000
	TOTAL \$198,988	TOTAL \$239,000

PROPOSED COMMISSION REQUEST	TOTAL \$199,000	TOTAL \$239,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization		Lump		\$9,488.80	10% of construction
015547005	Traffic Control		Lump		\$2,846.64	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	15,206	sq ft	\$2.65	\$40,296.96	
#N/A	Type II Road Base (0.75" Depth)	15,206	sq ft	\$1.62	\$24,634.37	
#N/A	8" Thick Class A1a Pit Run Material	15,206	sq ft	\$1.39	\$21,136.90	
#N/A	Trail Clearing and Grubbing	30,413	sq ft	\$0.29	\$8,819.71	
Roadway Subtotal					\$94,888	
Roadway Total					\$107,223	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$12,000	12% of construction
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: CANAL TRAIL TO WARNR VALLEY CROSSINGS (MP 16)

Approximate Route Reference Mile Post (BEGIN) =	MP 16	(END) =	MP 16
Project Length =	0.870	miles	4,594 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$265,975	
Drainage	\$28,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$293,975	
Items not Estimated (20%)	\$58,795	
Construction Subtotal	\$352,770	
P.E. Cost	P.E. Subtotal \$70,554	20%
C.E. Cost	C.E. Subtotal \$35,277	10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal \$0	
Utilities	Utilities Subtotal \$0	
Incentives	Incentives Subtotal \$0	
Miscellaneous	Miscellaneous Subtotal \$0	

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$70,554	\$79,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$352,770	\$432,000
C.E.		\$35,277	\$39,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$32,000	\$39,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$490,601	\$589,000
	TOTAL	\$490,601	TOTAL \$589,000

PROPOSED COMMISSION REQUEST	TOTAL	\$491,000	TOTAL	\$589,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$23,537.60	10% of construction
015547005	Traffic Control		Lump		\$7,061.28	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	55,123	sq ft	\$2.65	\$146,076.48	
#N/A	Type II Road Base (0.75" Depth)	55,123	sq ft	\$1.62	\$89,299.58	
#N/A	8" Thick Class A1a Pit Run Material		sq ft	\$1.39		
#N/A	Trail Clearing and Grubbing		sq ft	\$0.29		
<b>Roadway Subtotal</b>					<b>\$235,376</b>	
<b>Roadway Total</b>					<b>\$265,975</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$28,000</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: WARNER VALLEY CROSSING (MP 16) TO TURF SOD ROAD

Approximate Route Reference Mile Post (BEGIN) =	MP 16	(END) =	MP 16
Project Length =	2.250	miles	11,880 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$1,005,219	
Drainage	\$107,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$1,112,219	
Items not Estimated (20%)	\$222,444	
Construction Subtotal	\$1,334,663	
P.E. Cost	P.E. Subtotal \$266,933	20%
C.E. Cost	C.E. Subtotal \$133,466	10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal \$0	
Utilities	Utilities Subtotal \$0	
Incentives	Incentives Subtotal \$0	
Miscellaneous	Miscellaneous Subtotal \$0	

Cost Estimate (ePM screen 505)	2024	2027
P.E.	\$266,933	\$298,000
Right of Way	\$0	\$0
Utilities	\$0	\$0
Construction	\$1,334,663	\$1,635,000
C.E.	\$133,466	\$149,000
Incentives	\$0	\$0
Aesthetics	0.75% \$0	\$0
Change Order Contingency	9.00% \$120,000	\$147,000
UDOT Oversight	\$0	\$0
Miscellaneous	\$0	\$0
Subtotal	\$1,855,062	\$2,229,000
	TOTAL \$1,855,062	TOTAL \$2,229,000

PROPOSED COMMISSION REQUEST	TOTAL \$1,856,000	TOTAL \$2,229,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$88,957.40	10% of construction
015547005	Traffic Control		Lump		\$26,687.22	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	142,560	sq ft	\$2.65	\$377,784.00	
#N/A	Type II Road Base (0.75" Depth)	142,560	sq ft	\$1.62	\$230,947.20	
#N/A	8" Thick Class A1a Pit Run Material	142,560	sq ft	\$1.39	\$198,158.40	
#N/A	Trail Clearing and Grubbing	285,120	sq ft	\$0.29	\$82,684.80	
<b>Roadway Subtotal</b>					<b>\$889,574</b>	
<b>Roadway Total</b>					<b>\$1,005,219</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$107,000</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: TRAIL ALONG TURF SOD ROAD TO SAND HOLLOW ROAD (4300 WEST) ALONG DIXIE SPRINGS DRIVE

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	1.110	miles	5,861 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$495,908	
Drainage	\$53,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$548,908	
Items not Estimated (20%)	\$109,782	
Construction Subtotal	\$658,690	
P.E. Cost	P.E. Subtotal	\$131,73820%
C.E. Cost	C.E. Subtotal	\$65,86910%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$131,738	\$147,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$658,690	\$807,000
C.E.		\$65,869	\$74,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$59,000	\$72,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$915,297	\$1,100,000
	TOTAL	\$915,297	TOTAL \$1,100,000

PROPOSED COMMISSION REQUEST	TOTAL	\$916,000	TOTAL	\$1,100,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$43,885.70	10% of construction
015547005	Traffic Control		Lump		\$13,165.71	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	70,330	sq ft	\$2.65	\$186,373.44	
#N/A	Type II Road Base (0.75" Depth)	70,330	sq ft	\$1.62	\$113,933.95	
#N/A	8" Thick Class A1a Pit Run Material	70,330	sq ft	\$1.39	\$97,758.14	
#N/A	Trail Clearing and Grubbing	140,659	sq ft	\$0.29	\$40,791.17	
<b>Roadway Subtotal</b>					<b>\$438.857</b>	
<b>Roadway Total</b>					<b>\$495,908</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$53,000</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: TRAIL ALONG DIXIE SPRING DRIVE FROM SAND HOLLOW ROAD (4300 WEST) TO SR-7

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	3.160	miles	16,685 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$1,411,774	
Drainage	\$150,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$1,561,774	
Items not Estimated (20%)	\$312,355	
Construction Subtotal	\$1,874,129	
P.E. Cost	P.E. Subtotal	\$374,82620%
C.E. Cost	C.E. Subtotal	\$187,41310%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)	2024	2027
P.E.	\$374,826	\$419,000
Right of Way	\$0	\$0
Utilities	\$0	\$0
Construction	\$1,874,129	\$2,296,000
C.E.	\$187,413	\$209,000
Incentives	\$0	\$0
Aesthetics	0.75%\$0	\$0
Change Order Contingency	9.00%\$169,000	\$207,000
UDOT Oversight	\$0	\$0
Miscellaneous	\$0	\$0
Subtotal	\$2,605,368	\$3,131,000
	TOTAL	TOTAL
	\$2,605,368	\$3,131,000

PROPOSED COMMISSION REQUEST	TOTAL	\$2,606,000	TOTAL	\$3,131,000
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Project Assumptions/Risks

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Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization		Lump		\$124,935.80	10% of construction
015547005	Traffic Control		Lump		\$37,480.74	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Categoty I Asphalt (with prime)	200,218	sq ft	\$2.65	\$530,576.64	
#N/A	Type II Road Base (0.75" Depth)	200,218	sq ft	\$1.62	\$324,352.51	
#N/A	8" Thick Class A1a Pit Run Material	200,218	sq ft	\$1.39	\$278,302.46	
#N/A	Trail Clearing and Grubbing	400,435	sq ft	\$0.29	\$116,126.21	
Roadway Subtotal					\$1,249,358	
Roadway Total					\$1,411,774	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$150,000	12% of construction
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: 2300 SOUTH TO SR-9

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	2.250	miles	11,880 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$1,005,219	
Drainage	\$107,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$1,112,219	
Items not Estimated (20%)	\$222,444	
Construction Subtotal	\$1,334,663	
P.E. Cost	P.E. Subtotal	\$266,93320%
C.E. Cost	C.E. Subtotal	\$133,46610%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)	2024	2027
P.E.	\$266,933	\$298,000
Right of Way	\$0	\$0
Utilities	\$0	\$0
Construction	\$1,334,663	\$1,635,000
C.E.	\$133,466	\$149,000
Incentives	\$0	\$0
Aesthetics	0.75%\$0	\$0
Change Order Contingency	9.00%\$120,000	\$147,000
UDOT Oversight	\$0	\$0
Miscellaneous	\$0	\$0
Subtotal	\$1,855,062	\$2,229,000
	TOTAL	TOTAL
	\$1,855,062	\$2,229,000

PROPOSED COMMISSION REQUEST	TOTAL	\$1,856,000	TOTAL	\$2,229,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$88,957.40	10% of construction
015547005	Traffic Control		Lump		\$26,687.22	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	142,560	sq ft	\$2.65	\$377,784.00	
#N/A	Type II Road Base (0.75" Depth)	142,560	sq ft	\$1.62	\$230,947.20	
#N/A	8" Thick Class A1a Pit Run Material	142,560	sq ft	\$1.39	\$198,158.40	
#N/A	Trail Clearing and Grubbing	285,120	sq ft	\$0.29	\$82,684.80	
<b>Roadway Subtotal</b>					<b>\$889,574</b>	
<b>Roadway Subtotal</b>					<b>\$1,005,219</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$107,000</b>	12% of construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2023

Proposed Project Scope: 2300 SOUTH TO 3000 SOUTH

Approximate Route Reference Mile Post (BEGIN) =		(END) =	
Project Length =	1.120	miles	5,914 ft
Current Year =	2024		
Assumed Construction Year =	2027		
Construction Items Inflation Factor =	1.22	3 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$500,376	
Drainage	\$54,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$554,376	
Items not Estimated (20%)	\$110,875	
Construction Subtotal	\$665,251	
P.E. Cost	P.E. Subtotal	\$133,05020%
C.E. Cost	C.E. Subtotal	\$66,52510%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2027
P.E.		\$133,050	\$149,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$665,251	\$815,000
C.E.		\$66,525	\$74,000
Incentives		\$0	\$0
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$60,000	\$73,000
UDOT Oversight		\$0	\$0
Miscellaneous		\$0	\$0
Subtotal		\$924,826	\$1,111,000
	TOTAL	\$924,826	TOTAL \$1,111,000

PROPOSED COMMISSION REQUEST	TOTAL	\$925,000	TOTAL	\$1,111,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization		Lump		\$44,281.00	10% of construction
015547005	Traffic Control		Lump		\$13,284.30	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	3" Category I Asphalt (with prime)	70,963	sq ft	\$2.65	\$188,052.48	
#N/A	Type II Road Base (0.75" Depth)	70,963	sq ft	\$1.62	\$114,960.38	
#N/A	8" Thick Class A1a Pit Run Material	70,963	sq ft	\$1.39	\$98,638.85	
#N/A	Trail Clearing and Grubbing	141,926	sq ft	\$0.29	\$41,158.66	
<b>Roadway Subtotal</b>					<b>\$442,810</b>	
<b>Roadway Total</b>					<b>\$500,376</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$54,000</b>	12% construction
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-7 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	I-15 NB Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# SR-9 and US-89 Trail Cost Estimates by Segment

Year	Rate	Recommended Rate	Cumulative Inflation Factor
2024	0.0%	0.0%	1.00
2025	8.0%	8.0%	1.08
2026	7.0%	7.0%	1.16
2027	6.0%	6.0%	1.22
2028	6.0%	6.0%	1.30
2029	6.0%	6.0%	1.38
2030	6.0%	6.0%	1.46
2031	6.0%	6.0%	1.55
2032	6.0%	6.0%	1.64
2033	6.0%	6.0%	1.74
2034	6.0%	6.0%	1.84
2035	6.0%	6.0%	1.95
2036	6.0%	6.0%	2.07
2037	6.0%	6.0%	2.19
2038	6.0%	6.0%	2.33
2039	6.0%	6.0%	2.46
2040	6.0%	6.0%	2.61
2041	6.0%	6.0%	2.77
2042	6.0%	6.0%	2.94
2043	6.0%	6.0%	3.11
2044	6.0%	6.0%	3.30
2045	6.0%	6.0%	3.50
2046	6.0%	6.0%	3.71
2047	6.0%	6.0%	3.93
2048	6.0%	6.0%	4.16
2049	6.0%	6.0%	4.41
2050	6.0%	6.0%	4.68

Please contact UDOT Estimate Support with any questions (801-360-0580).

Manually Input

Utah Department of Transportation - Central Preconstruction  
Construction Cost Outlook and Recommended Inflation Projections - June 2022

Executive Summary - Construction Item Inflation (CY = Calendar Year)

	CY 2023	CY 2024	CY 2025	CY 2026
High	11%	9%	8%	8%
Recommended	8%	7%	6%	6%
Low	6%	5%	4%	4%

These percentage recommendations are approved to use in the UDOT Concept Cost Estimate Spreadsheet

Contributors to Inflation Forecast

General

- The year 2022 should be another year of substantial economic expansion in Utah.
- The 2020 census data identified Utah as the fastest-growing state in the nation between 2010 and 2020.
- The pandemic caused supply chain challenges and labor shortages, and currently China COVID related lockdowns and the war in Ukraine have created new sources of inflationary pressures.
- Consumer price inflation has significantly increased and is near a four-decade high.
- The Federal Reserve is raising interest rates as part of its most aggressive effort in decades to curb upward price pressures. The Federal Reserve faces a difficult task of slowing growth enough to bring down inflation without triggering a recession.

Labor

- Utah’s unemployment rate has fallen to a near low of 2.0%.
- Utah had the highest state construction employment change in the nation at 13.5% from February 2020 to March 2022.
- The worker shortage in construction is generally more severe than in most other industries.
- Construction workers (nonsupervisory) saw their earnings climb 6.3% year over year as of May 2022.

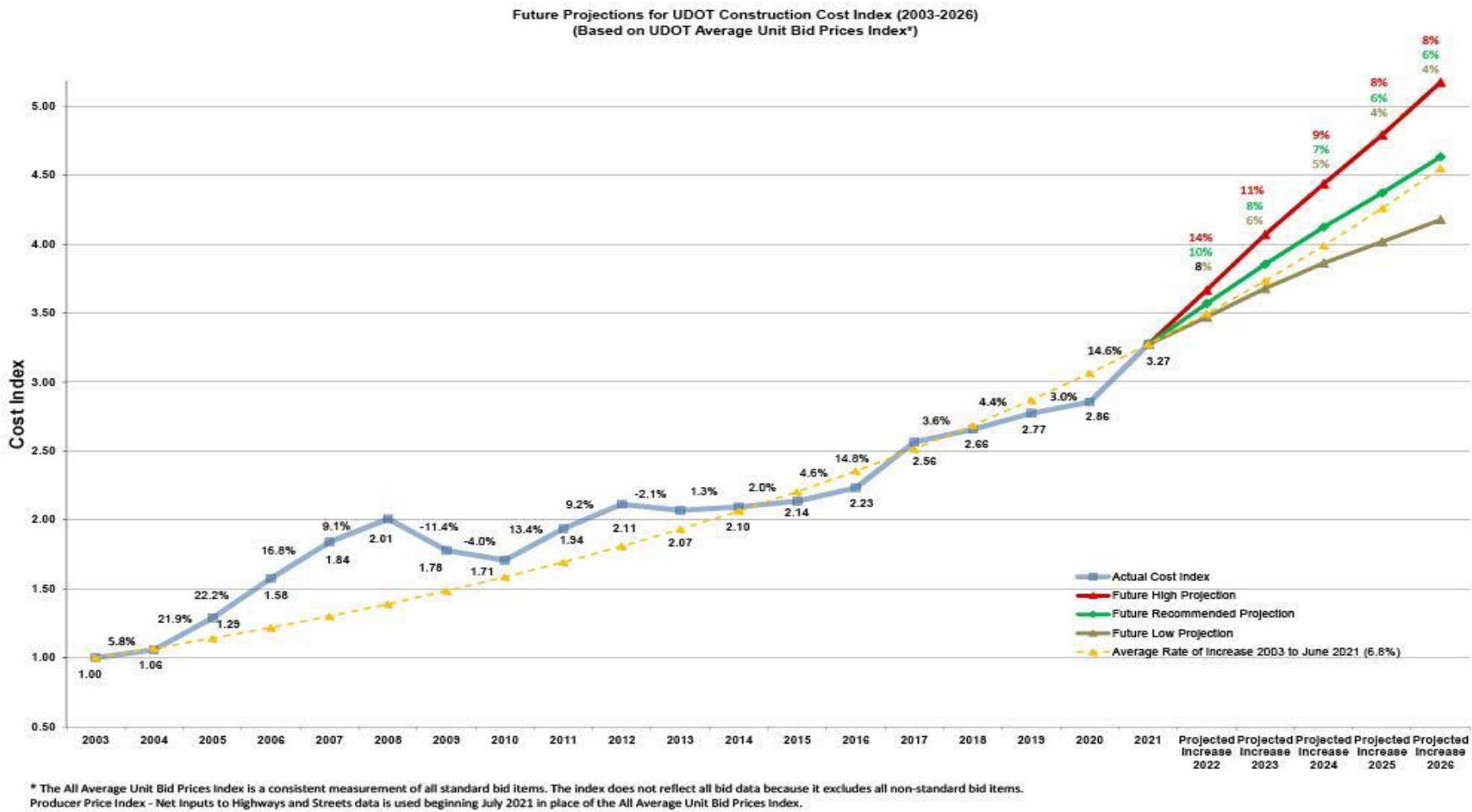
Materials

- The producer price index for inputs to highways and streets was up 19.6% for the past year.
- Commodities important to construction including steel, asphalt binder, and diesel fuel have had significant price increases during 2021 and 2022.
- The U.S. Energy Information Administration (EIA) forecasts crude oil, gasoline, and diesel prices will decline from current levels in 2022 and 2023.
- As a barometer for construction costs, consumer price increases have been elevated during the first half of 2022. However, those increases are expected to cool somewhat during the second half of the year.

Funding

- Sizeable federal and state infrastructure funding may put increased pressure on resources and prices.
- The Cumming Construction Spending Index for Utah is forecast to decline 8% in 2022 and another 4% in 2023.
- The value of permit-authorized construction in Utah in 2022 is forecast to increase 1.0% from 2021.

Sources include: Utah Economic Report to the Governor 2022; ENR; Construct Connect; Bureau of Labor Statistics; Associated General Contractors of America; Utah Department of Workforce Services; Wall Street Journal; U.S. Energy Information Administration; Cumming Management Group; and CNBC.



PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: ZION TO MT. CARMEL TRAIL

Approximate Route Reference Mile Post (BEGIN) =	46.500	(END) =	50.700
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$6,359,550	
Drainage	\$277,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$6,636,550	
Items not Estimated (20%)	\$1,327,310	
Construction Subtotal	\$9,292,000	
P.E. Cost	P.E. Subtotal	\$1,327,310 20%
C.E. Cost	C.E. Subtotal	\$929,200 10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$1,327,310	\$1,538,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$9,292,000	\$10,766,000
C.E.		\$929,200	\$1,077,000
NEPA		\$56,000	\$65,000
Funding & Admin Services		\$12,000	\$14,000
Bidding & Negotiating		\$11,000	\$13,000
UDOT Compliance		\$14,000	\$16,000
Survey		\$42,000	\$49,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$836,000	\$969,000
Miscellaneous		\$0	\$0
Subtotal		\$12,519,510	\$14,507,000
	TOTAL	\$12,519,510	TOTAL \$14,507,000

PROPOSED COMMISSION REQUEST	TOTAL	\$12,520,000	TOTAL	\$14,507,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	10%	Lump		\$554,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$166,200.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$2,400.00	\$2,400.00	
#N/A	Construction Staking	0.75%	Lump		\$41,550.00	
#N/A	Erosion Control Compliance	1%	Lump		\$55,400.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	28,400	lf	\$80.00	\$2,272,000.00	
#N/A	Trailhead/Parking	1	each	\$300,000.00	\$300,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	28,400	lf	\$20.00	\$568,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$1,800,000.00	\$1,800,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$600,000.00	\$600,000.00	
Roadway Subtotal					\$5,540,000	
Roadway Total					\$6,359,550	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$277,000	5% of Roadway Subtotal
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN:    PROJECT:    PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: ZION TO MT. CARMEL TRAIL

Approximate Route Reference Mile Post (BEGIN) =	50.700	(END) =	57.100
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$7,851,600	
Drainage	\$342,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$8,193,600	
Items not Estimated (20%)	\$1,638,720	
Construction Subtotal	\$11,472,000	
P.E. Cost	P.E. Subtotal	\$1,638,70020%
C.E. Cost	C.E. Subtotal	\$1,147,20010%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$1,638,700	\$1,899,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$11,472,000	\$13,292,000
C.E.		\$1,147,200	\$1,329,000
NEPA		\$64,000	\$74,000
Funding & Admin Services		\$25,000	\$29,000
Bidding & Negotiating		\$13,000	\$15,000
UDOT Compliance		\$16,000	\$19,000
Survey		\$48,000	\$56,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$1,032,000	\$1,196,000
Miscellaneous		\$0	\$0
Subtotal		\$15,455,900	\$17,909,000
	TOTAL	\$15,455,900	TOTAL \$17,909,000

PROPOSED COMMISSION REQUEST	TOTAL	\$15,456,000	TOTAL	\$17,909,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	10%	Lump		\$684,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$205,200.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$2,700.00	\$2,700.00	
#N/A	Construction Staking	0.75%	Lump		\$51,300.00	
#N/A	Erosion Control Compliance	1%	Lump		\$68,400.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	32,400	lf	\$80.00	\$2,592,000.00	
#N/A	Trailhead/Parking	2	each	\$300,000.00	\$600,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	32,400	lf	\$20.00	\$648,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$2,400,000.00	\$2,400,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$600,000.00	\$600,000.00	
Roadway Subtotal					\$6,840,000	
Roadway Total					\$7,851,600	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$342,000	5% of Roadway Subtotal
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/13/2024

Proposed Project Scope: KANAB TO MT. CAMEL TRAIL - PHASE 2A

Approximate Route Reference Mile Post (BEGIN) =	65.100	(END) =	72.100
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$7,577,400	
Drainage	\$330,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$7,907,400	
Items not Estimated (20%)	\$1,581,480	
Construction Subtotal	\$11,070,300	
P.E. Cost	P.E. Subtotal	20%
C.E. Cost	C.E. Subtotal	10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$1,581,480	\$1,832,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$11,070,300	\$12,827,000
C.E.		\$1,107,030	\$1,283,000
NEPA		\$34,500	\$40,000
Funding & Admin Services		\$13,300	\$15,000
Bidding & Negotiating		\$11,600	\$13,000
UDOT Compliance		\$15,100	\$17,000
Survey		\$75,800	\$88,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$996,000	\$1,154,000
Miscellaneous		\$0	\$0
Subtotal		\$14,905,110	\$17,269,000
TOTAL		\$14,905,110	\$17,269,000

PROPOSED COMMISSION REQUEST	TOTAL	\$14,906,000	TOTAL	\$17,269,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	10%	Lump		\$660,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$198,000.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$3,900.00	\$3,900.00	
#N/A	Construction Staking	0.75%	Lump		\$49,500.00	
#N/A	Erosion Control Compliance	1%	Lump		\$66,000.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	37,500	lf	\$80.00	\$3,000,000.00	
#N/A	Trailhead/Parking	1	each	\$300,000.00	\$300,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	37,500	lf	\$20.00	\$750,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$2,400,000.00	\$2,400,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$150,000.00	\$150,000.00	
Roadway Subtotal					\$6,600,000	
Roadway Total					\$7,577,400	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$330,000	5% of Roadway Subtotal
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/14/2024

Proposed Project Scope: KANAB TO MT. CAMEL TRAIL - PHASE 2B

Approximate Route Reference Mile Post (BEGIN) =	72.100	(END) =	81.400
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$12,581,700	
Drainage	\$548,000	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$13,129,700	
Items not Estimated (20%)	\$2,625,940	
Construction Subtotal	\$18,381,600	
P.E. Cost	P.E. Subtotal	20%
C.E. Cost	C.E. Subtotal	10%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$2,626,000	\$3,043,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$18,381,600	\$21,298,000
C.E.		\$1,838,160	\$2,130,000
NEPA		\$45,600	\$53,000
Funding & Admin Services		\$17,700	\$21,000
Bidding & Negotiating		\$15,400	\$18,000
UDOT Compliance		\$19,900	\$23,000
Survey		\$100,200	\$116,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$1,654,000	\$1,916,000
Miscellaneous		\$0	\$0
Subtotal		\$24,698,560	\$28,618,000
	TOTAL	\$24,698,560	TOTAL \$28,618,000

PROPOSED COMMISSION REQUEST	TOTAL	\$24,698,560	TOTAL	\$28,618,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Roadway</b>						
015017010	Mobilization	10%	Lump		\$1,096,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$328,800.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$5,100.00	\$5,100.00	
#N/A	Construction Staking	0.75%	Lump		\$82,200.00	
#N/A	Erosion Control Compliance	1%	Lump		\$109,600.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	49,600	lf	\$80.00	\$3,968,000.00	
#N/A	Trailhead/Parking	2	each	\$300,000.00	\$600,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	49,600	lf	\$20.00	\$992,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$1,800,000.00	\$1,800,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$3,600,000.00	\$3,600,000.00	
<b>Roadway Subtotal</b>					<b>\$10,960,000</b>	
<b>Roadway Total</b>					<b>\$12,581,700</b>	
<b>Drainage</b>						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
<b>Drainage Subtotal</b>					<b>\$548,000</b>	5% of Roadway Subtotal
<b>PI</b>						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

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The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/14/2024

Proposed Project Scope: MT. CARMEL TO GELNDALE TRAIL - PHASE 3A

Approximate Route Reference Mile Post (BEGIN) =	81.400	(END) =	86.400
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$5,109,275	
Drainage	\$222,500	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$5,331,775	
Items not Estimated (20%)	\$1,066,355	
Construction Subtotal	\$7,464,600	
P.E. Cost	P.E. Subtotal	\$1,066,40020%
C.E. Cost	C.E. Subtotal	\$746,46010%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$1,066,400	\$1,236,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$7,464,600	\$8,649,000
C.E.		\$746,460	\$865,000
NEPA		\$46,300	\$54,000
Funding & Admin Services		\$12,800	\$15,000
Bidding & Negotiating		\$13,300	\$15,000
UDOT Compliance		\$17,400	\$20,000
Survey		\$34,700	\$40,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$672,000	\$779,000
Miscellaneous		\$0	\$0
Subtotal		\$10,073,960	\$11,673,000
TOTAL		\$10,073,960	\$11,673,000

PROPOSED COMMISSION REQUEST	TOTAL	\$10,073,960	TOTAL	\$11,673,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	10%	Lump		\$445,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$133,500.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$2,900.00	\$2,900.00	
#N/A	Construction Staking	0.75%	Lump		\$33,375.00	
#N/A	Erosion Control Compliance	1%	Lump		\$44,500.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	26,500	lf	\$80.00	\$2,120,000.00	
#N/A	Trailhead/Parking	1	each	\$300,000.00	\$300,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	26,500	lf	\$20.00	\$530,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$300,000.00	\$300,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$1,200,000.00	\$1,200,000.00	
Roadway Subtotal					\$4,450,000	
Roadway Total					\$5,109,275	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$222,500	5% of Roadway Subtotal
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022



# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Cost Estimate - Concept Level

Prepared By: Sofia Gonzalez

Date 3/14/2024

Proposed Project Scope: MT. CARMEL TO GELNDALE TRAIL - PHASE 3B

Approximate Route Reference Mile Post (BEGIN) =	86.400	(END) =	90.100
Project Length =		miles	ft
Current Year =	2024		
Assumed Construction Year =	2028		
Construction Items Inflation Factor =	1.22	4 yrs for inflation	
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =			
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	20.0%		
Construction Engineering (% of Construction + Incentives) =	10.0%		

Construction Items	Cost	Remarks
Public Information Services	\$0	
Roadway	\$4,970,775	
Drainage	\$216,500	
Traffic and Safety	\$0	
Structures	\$0	
Environmental Mitigation	\$0	
ITS	\$0	
Subtotal	\$5,187,275	
Items not Estimated (20%)	\$1,037,455	
Construction Subtotal	\$7,262,200	
P.E. Cost	P.E. Subtotal	\$1,037,40020%
C.E. Cost	C.E. Subtotal	\$726,22010%
Right of Way Urban/Suburban Residential	Right of Way Subtotal	\$0
Utilities	Utilities Subtotal	\$0
Incentives	Incentives Subtotal	\$0
Miscellaneous	Miscellaneous Subtotal	\$0

Cost Estimate (ePM screen 505)		2024	2028
P.E.		\$1,037,400	\$1,202,000
Right of Way		\$0	\$0
Utilities		\$0	\$0
Construction		\$7,262,200	\$8,414,000
C.E.		\$726,220	\$841,000
NEPA		\$33,700	\$39,000
Funding & Admin Services		\$9,300	\$11,000
Bidding & Negotiating		\$9,700	\$11,000
UDOT Compliance		\$12,600	\$15,000
Survey		\$25,300	\$29,000
Aesthetics	0.75%	\$0	\$0
Change Order Contingency	9.00%	\$654,000	\$758,000
Miscellaneous		\$0	\$0
Subtotal		\$9,770,420	\$11,320,000
	TOTAL	\$9,770,420	TOTAL \$11,320,000

PROPOSED COMMISSION REQUEST	TOTAL	\$9,770,420	TOTAL	\$11,320,000
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Project Assumptions/Risks

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# Roadway and Drainage

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	10%	Lump		\$433,000.00	10% of construction
015547005	Traffic Control	3%	Lump		\$129,900.00	3% of construction
020567005	Borrow (Plan Quantity)		cu yd			
020567015	Granular Borrow (Plan Quantity)		cu yd			
#N/A	Pre-Construction DVD	1	Each	\$2,900.00	\$2,100.00	
#N/A	Construction Staking	0.75%	Lump		\$32,475.00	
#N/A	Erosion Control Compliance	1%	Lump		\$43,300.00	
#N/A	4" Bituminous Surfacing on 8" UBC - 12 feet wide	19,300	lf	\$80.00	\$1,544,000.00	
#N/A	Trailhead/Parking	1	each	\$300,000.00	\$300,000.00	
#N/A	General Clearing, Grubbing, Earthwork & Grading	19,300	lf	\$20.00	\$386,000.00	
#N/A	Major Clearing, Grubbing, Earthwork, Grading & Fencing	1	Lump	\$600,000.00	\$600,000.00	
#N/A	Minor Clearing, Grubbing, Earthwork & Grading	1	Lump	\$1,500,000.00	\$1,500,000.00	
Roadway Subtotal					\$4,330,000	
Roadway Total					\$4,970,775	
Drainage						
023167020	Roadway Excavation (Plan Quantity)		cu yd			Pond Excavation
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft			
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026137040	Circular End Section 24 inch		Each			
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each			
Drainage Subtotal					\$216,500	5% of Roadway Subtotal
PI						
015407010	Public Information Services		Lump		\$0	Usually 0.25% of construction

MAIN

The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022

# Structures

PIN: PROJECT: PROJECT NAME: SR-9 ACTIVE TRANSPORTATION PLAN

Item #	Item	Quantity	Units	Price	Cost	Remarks
<b>Bridges</b>						
	Bridge		sq ft			
	I-15 SB Bridge		sq ft			
	I-15 & Shurtz Canyon Dr		sq ft			
	Ramp A Path Structure		ft			
	Ramp B Path Structure		ft			
	SR-130 Path Structure		ft			
<b>Walls</b>						
	I-15 & 1600 S/Shurtz Bridge - West Wall		sq ft			
	I-15 & 1600 S/Shurtz Bridge - East Wall		sq ft			
	1600 S - Home Depot Wall		sq ft			
	Shurtz Canyon Dr - Holiday Inn Wall		sq ft			
	SR-130 - Marriott Hotel		sq ft			
	Trail Car Wash Wall		sq ft			
	Trail Hotel Wall		sq ft			
<b>Hydraulics</b>						
	Box Culvert		ft			
	Box Culvert		ft			
<b>Structures Subtotal</b>					<b>\$0</b>	

MAIN

[The items listed above are some commonly used items. The above list is not all inclusive. Current standard items can be found in the Masterworks Estimating and Bidding module.](#)

The "Item List" tab shows current bid items and measurement and payment information as of 5/31/2022