



Locations	Paint Accents on Bridge/Wall/Structure (1), (2), (4)	Bridge Abutment (1)	Paint Accent on Bridge Pier (1)	Paint Bridge Graphics (1)	Pedestrian Barrier (1)	Paint Chain Link Fence (1), (3)	Notes
SR 101L and SR 202L System TI, and Price Rd TI	X	X	X	X	X	X	All the bridges in both TI's, about 9 or 10 bridges from south of Frye
Small walls in the TI	X						Paint metal pipe rail on top of short walls
Wall along SB to WB ramp between TI and Dobson	X						In the SE quadrant of the system TI near Dobson
Slump block wall along WB to NB ramp	X						
Dobson Rd TI	X	X	X	X	X	X	Include wall in SWC of Bridge and metal rail on top
Small wall in SEC of TI along Dobson Rd	X						Paint the metal rail on the short wall on east side of Dobson
Wall between Dobson and Alma School, north side	X						Wall is between freeway and the canal, Dobson to 1/2 mile east
Alma School Rd TI	X	X	X	X	X	X	
Wall between Alma School and AZ Ave	X						Paint the slump block walls on north and south sides
Arizona Ave TI	X	X	X	X	X	X	Paint the stub walls in each quadrant and abutment walls along AZ Ave
UPRR bridge					X	X	Three bridges: include the metal pipe rails
Wall between UPRR and McQueen, north side	X						
Future DHOV Bridge at Hamilton	X	X	X	X	X	X	This is a future bridge to be constructed with the project
McQueen Rd TI	X	X	X	X	X	X	Include metal railings on each quadrant of the bridge
Consolidated Canal Bridge	X	X		X		X	Accent paint under the bridge along the canal, include retaining walls
Wall between Canal Bridge and Cooper, north side	X						
Cooper Rd TI	X	X	X	X	X	X	Include metal railings on each quadrant of the bridge
Wall between Cooper and Gilbert, north side	X						
Gilbert Rd TI	X	X	X	X	X	X	Include metal railings on each quadrant of the bridge

Include base painting of all structures along the corridor: bridges, walls, bridge railings, etc.

- (1) All colors will be repainted the same color as the original paint colors.
- (2) The slump block wall painting will be generally the same color as the existing wall
- (3) Chain link access control fencing, all the existing painted fencing will be repainted
- (4) Along the top of a number of walls there is a metal pipe railing that also needs to be painted

DESIGN	NAME	DATE
DN		11/21
DRAWN	MC	11/21
CHECKED	DN	11/21



ARIZONA DEPARTMENT OF TRANSPORTATION

City of Chandler
Intergovernmental Agreement No. ____

EXHIBIT A: CITY REQUESTED AESTHETIC FEATURES

ROUTE
202L

LOCATION

SR202L - SR101L to Gilbert Road

Item No.	Item Description	Unit	Quantity	Price	Amount
	SR101 Bridges/Ramps - Paint Accents	SF	26,356	\$2.00	\$52,712.44
	SR101 Bridges/Ramps - Paint Railing/Fence	LF	1,250	\$2.00	\$2,500.00
	Price Road TI - Paint Accents	SF	2,718	\$2.00	\$5,436.69
	Price Road TI - Paint Railing/Fence	LF	760	\$2.00	\$1,520.00
	Dobson to Price - Paint Accents	SF	2,733	\$2.00	\$5,466.67
	Dobson Road TI - Paint Accents	SF	3,334	\$2.00	\$6,668.03
	Dobson Road TI - Paint Railing/Fence	LF	650	\$2.00	\$1,300.00
	Dobson to Alma School - Paint Accents	SF	3,200	\$2.00	\$6,400.01
	Alma School TI - Paint Accents	SF	1,939	\$2.00	\$3,878.62
	Alma School TI - Paint Railing/Fence	LF	760	\$2.00	\$1,520.00
	Arizona Ave to McQueen - Paint Accents	SF	4,000	\$2.00	\$8,000.01
	McQueen TI - Paint Accents	SF	2,298	\$2.00	\$4,596.62
	McQueen TI - Paint Railing/Fence	LF	760	\$2.00	\$1,520.00
	McQueen to Cooper - Paint Accents	SF	3,500	\$2.00	\$7,000.01
	Cooper Road TI - Paint Accents	SF	3,270	\$2.00	\$6,540.62
	Copper Road TI - Paint Railing/Fence	LF	760	\$2.00	\$1,520.00
	Cooper Road to Gilbert - Paint Accents	SF	4,000	\$2.00	\$8,000.01
	Gilbert Road TI - Paint Accents	SF	2,713	\$2.00	\$5,426.61
	Gilbert Road TI - Paint Railing/Fence	LF	710	\$2.00	\$1,420.00
6100021	PAINT STRUCTURE (ACCENT COLOR ONLY - WALLS, BRIDGES, AND FENCES)	L.SUM			\$131,426.34
9010001	MOBILIZATION	L.SUM	1	\$11,000.00	\$11,000.00
9240170	CONTRACTOR QUALITY CONTROL	L.SUM	1	\$1,000.00	\$1,000.00
9250001	CONSTRUCTION SURVEYING AND LAYOUT	L.SUM	1	\$2,000.00	\$2,000.00
				SUBTOTAL	\$145,426.34
				SUBTOTAL	\$145,426.34
				10% UNIDENTIFIED ITEMS	\$14,542.63
				TOTAL	\$160,000.00
				CONSTRUCTION ENGINEERING (9.0%)	\$14,400.00
				CONSTRUCTION POST DESIGN SERVICES (1.0%)	\$1,600.00
				CONSTRUCTION CONTINGENCY (5.0%)	\$8,000.00
				ICAP (10.50%)	\$19,300.00
				LABOR AND MATERIAL INFLATION (4.5%)	\$0.00
				PROJECT TOTAL	\$203,300.00

ARIZONA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION COST ESTIMATE SUMMARY

ROUTE: SR 202 SanTan

SEGMENT: City of Chandler - Price Rd to Gilbert Rd

LENGTH: **ADOT PROJECT NO.:**

PROJECT DESCRIPTION: Additional Mill and Fill Request by Chandler

ESTIMATE LEVEL: 15%

DATE: 11/3/22

ITEM	MAJOR ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
200	EARTHWORK				
	TOTAL ITEM 200				0
300 & 400	BASE AND SURFACE TREATMENT MILLING & OVERLAY	SQ.YD.	5,106	\$ 17.00	86,810
	TOTAL ITEM 300 & 400				86,810
500	DRAINAGE				
	TOTAL ITEM 500				0
600	STRUCTURES				
	TOTAL ITEM 600				0
700	TRAFFIC ENGINEERING				
	TOTAL ITEM 700				0
800	ROADSIDE DEVELOPMENT				
	TOTAL ITEM 800				0
900	INCIDENTALS				
	TOTAL ITEM 900				0
SUBTOTAL A (ITEM SUBTOTAL)					\$86,800
PW	PROJECT WIDE				
	TRAFFIC CONTROL (8% OF SUBTOTAL A)			8.0%	6,900
	DUST PALLIATIVE (0% OF SUBTOTAL A)(INCLUDED IN FURNISH WATER)			0.0%	0
	QUALITY CONTROL (1% OF SUBTOTAL A)			1.0%	900
	CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)			1.5%	1,300
	EROSION CONTROL (1% OF SUBTOTAL A)			1.0%	900
	MOBILIZATION (8% OF SUBTOTAL A)			8.0%	6,900
	UNIDENTIFIED ITEMS (30% OF SUBTOTAL A)			30.0%	26,000
SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)					\$129,700
OTHER PROJ	OTHER PROJECT COSTS				
	DPS TRAFFIC CONTROL				0
	JOINT PROJECT AGREEMENT ITEMS				0
	CONTRACTOR INCENTIVES				0
	ENVIRONMENTAL MITIGATION				0
PRESENT YEAR CONSTRUCTION BID COST (EXCLUDING UTILITIES & R/W)					\$129,700

ARIZONA DEPARTMENT OF TRANSPORTATION

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ESTIMATE LEVEL: 15%

DATE: 11/3/22

ITEM	MAJOR ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
INFL	INFLATION AND BELOW THE LINE ITEMS				
	LABOR & MATERIAL INFLATION FROM 2020 TO CONSTRUCTION YEAR:		2025	1.1440	18,700
	POST DESIGN SERVICES (1% OF SUBTOTAL B + INFLATION)			1.0%	1,500
	CONSTRUCTION CONTINGENCIES (5% OF SUBTOTAL B + INFLATION)			5.0%	7,400
	CONSTRUCTION ENGINEERING (8% OF SUBTOTAL B + INFLATION)			8.0%	11,900
	INDIRECT COST ALLOCATION (10.5% OF BID COST + INFLATION & BELOW THE LINE ITEMS)			10.50%	17,800
	CONSTRUCTION YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES & R/W)				\$187,000
DES	PREDESIGN AND FINAL DESIGN				
	PREDESIGN/NEPA/PI SERVICES (3% OF CONSTRUCTION YEAR COST)			3.0%	4,500
	FINAL DESIGN SERVICES (8% OF CONSTRUCTION YEAR COST)			8.0%	11,900
	INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)			10.50%	1,700
	TOTAL ESTIMATED DESIGN COST				\$18,100
UTIL	UTILITY RELOCATION				
	PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS				0
	INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)			10.50%	0
	UTILITY RELOCATION COST INFLATION TO CONSTRUCTION YEAR 20xx (X%/YR)			1.00	0
	TOTAL ESTIMATED UTILITY COST				\$0
R/W	RIGHT-OF-WAY				
	RIGHT-OF-WAY	L. SUM			0
	INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)			10.50%	0
	RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION YEAR 20xx (X%/YR)			1.00	0
	ACQUISITION YEAR RIGHT-OF-WAY COSTS				\$0
	TOTAL ESTIMATED PROJECT COST - ADDITIONAL MILL AND FILL				\$205,000

TOTAL ESTIMATED PROJECT COST - AESTHETIC FEATURES	\$203,300
TOTAL ESTIMATED PROJECT COST - ADDITIONAL MILL AND FILL	\$205,000
TOTAL ESTIMATED PROJECT COST	\$408,300