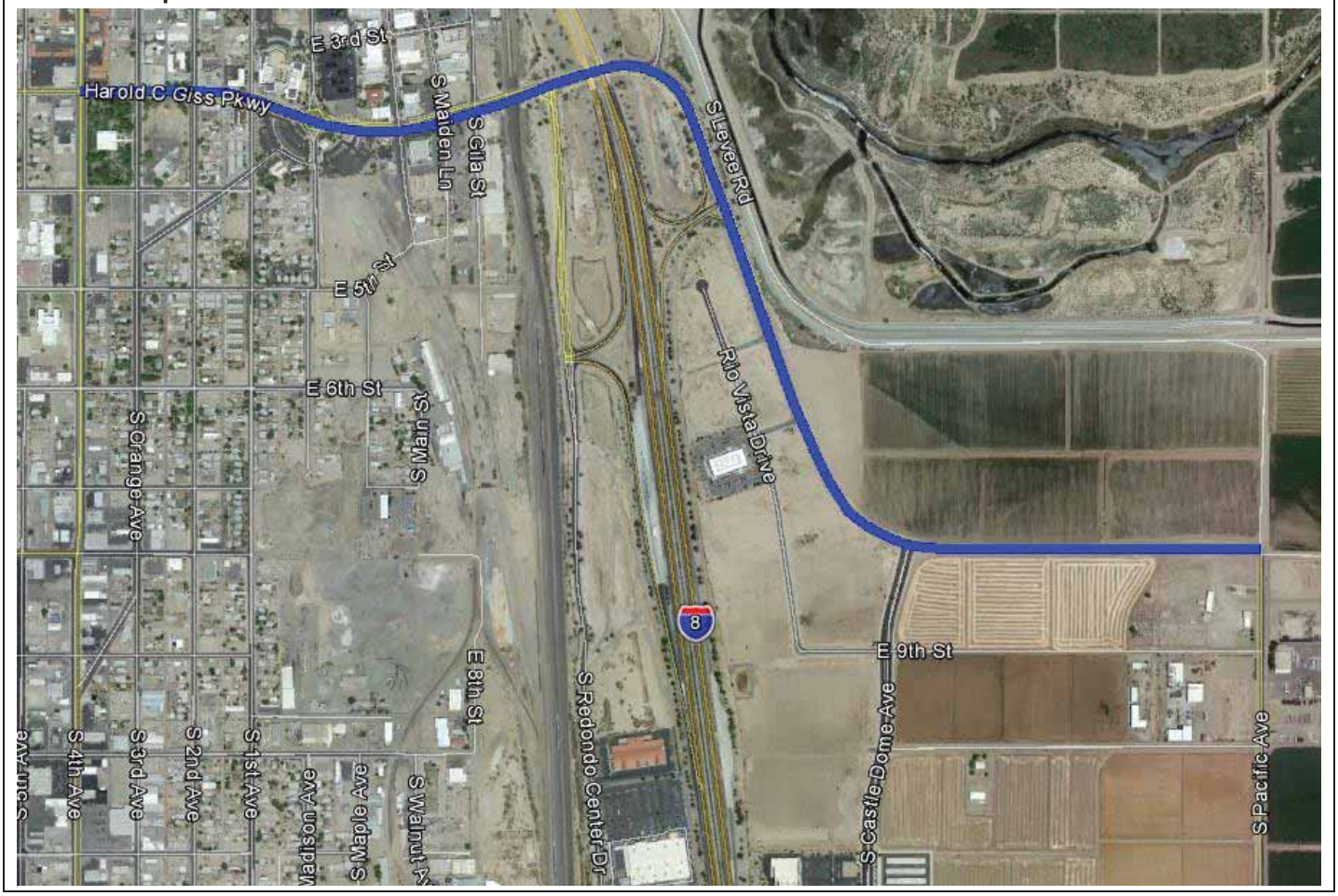
YMPO 2018-2041 RTP Project Information Sheet
Project YU-04
Giss Parkway / 8th Street Safety Improvements

Project Name	Giss Parkway / 8th Street Safety Improvements				
Project Location	4th Avenue to Pacific Avenue/12th Street				
Project Length (miles)	2 miles				
Roadway Ownership	City of Yuma				
Base Cost	$5.2M				
Factored Cost over RTP Period	$5.2M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project includes the following components: • Giss Parkway / 1st Avenue intersection Improvements – roundabout • Widen 8th Street from 2 to 4 lanes between Pacific Avenue and existing 4-lane section				

Location Map



COST ESTIMATE

Project Description: Giss Parkway/8th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3.8	**Project Length (Miles)**		**20,064**	**Project Length (Feet)**
28	**Existing Pavement Width (FEET)**	0.9 mile	4,752	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	0.9 mile	4,752	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	14,784	$ 5.00	$ 73,920
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	31,680	$ 8.00	$ 253,440
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	6,160	$ 45.00	$ 277,200
4040125	FOG COAT	TON	10.6	$ 600.00	$ 6,336
4040163	BLOTTER MATERIAL	TON	31.7	$ 40.00	$ 1,267
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	8,791	$ 90.00	$ 791,208
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 20,000.00	$ 20,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 90,000.00	$ 90,000
8050003	SEEDING (CLASS II)	ACRE	3.5	$ 3,500.00	$ 12,250
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 40,000.00	$ 40,000
9240055	MISCELLANEOUS WORK (ROADSIDE DITCH)	L.SUM	1	$ 45,000.00	$ 45,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 100,000.00	$ 100,000
9240061	MISCELLANEOUS WORK (CULDESAC IMPROVEMENTS)	L.SUM	1	$ 175,000.00	$ 175,000
				ROADWAY SUBTOTAL	**$ 2,083,121**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 520,780
				SUBTOTAL WITH MISC WORK	**$ 2,603,901**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 156,234
	EROSION CONTROL	L.SUM	1	4%	$ 104,156
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 130,195
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 52,078
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 182,273
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,228,837**

COST ESTIMATE

Project Description: Giss Parkway/8th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3.8	**Project Length (Miles)**		**20,064**	**Project Length (Feet)**
28	**Existing Pavement Width (FEET)**	0.9 mile	4,752	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	0.9 mile	4,752	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	MOBILIZATION	L.SUM	1	8%	$ 258,307
				SUBTOTAL WITH MOBILIZATION	**$ 3,487,144**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 523,072
	CONTINGENCIES	L.SUM	1	5%	$ 174,357
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 34,871
	NON-BID SUBTOTAL			$ 732,300	$ -
				CONSTRUCTION SUBTOTAL	**$ 4,219,444**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 4,219,444**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 759,500
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 4,978,944**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-25
24th Street Safety Improvements

Project Name	24th Street Safety Improvements				
Project Location	4th Avenue to Avenue 3E				
Project Length (miles)	2.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$2M				
Factored Cost over RTP Period	$2.3M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 24th Street from 4th Avenue to Avenue 3E. Per RSA, this project includes street lighting, curve protection, chevron installation, cross walk enhancements, and sidewalk improvements.				

Location Map

COST ESTIMATE

Project Description: 24th Street Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2.5	**Project Length (Miles)**	**13,200**	**Project Length (Feet)**
28	**Existing Pavement Width (FEET)**	13,200	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	13,200	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 20,000.00	$ 20,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 5,000.00	$ 5,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 200,000.00	$ 200,000
9080243	CONCRETE SIDEWALK IMPROVEMENTS	SQ.FT.	26,400	$ 6.00	$ 158,400
9240062	MISCELLANEOUS WORK (SPEED LIMIT STUDY)	L.SUM	1	$ 100,000.00	$ 100,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 350,000.00	$ 350,000
				ROADWAY SUBTOTAL	**$ 833,400**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 208,350
				SUBTOTAL WITH MISC WORK	**$ 1,041,750**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 62,505
	EROSION CONTROL	L.SUM	1	4%	$ 41,670
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 52,088
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 20,835
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 72,923
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,291,771**
	MOBILIZATION	L.SUM	1	8%	$ 103,342
				SUBTOTAL WITH MOBILIZATION	**$ 1,395,113**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 209,267
	CONTINGENCIES	L.SUM	1	5%	$ 69,756
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 13,951
	NON-BID SUBTOTAL			$ 292,974	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,688,087**
				CONSTRUCTION TOTAL COST	**$ 1,688,087**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 303,856
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,991,943**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-27
Pacific Avenue/24th Street Intersection Improvement

Project Name	Pacific Avenue/24th Street Intersection Improvement				
Project Location	Pacific Avenue/24th Street				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$2M				
Factored Cost over RTP Period	$2M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to the Pacific Avenue / 24th Street intersection. The safety improvements include additional turn lanes, two traffic signal pole relocations, and right-of-way acquisition.				

Location Map

COST ESTIMATE

Project Description: Pacific Ave./24th St. Intersection Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 2,000.00	$ 2,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 10,000.00	$ 10,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	1,200	$ 5.00	$ 6,000
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	7,000	$ 4.00	$ 28,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	150	$ 7.00	$ 1,050
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	2,000	$ 8.00	$ 16,000
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	389	$ 45.00	$ 17,500
4040125	FOG COAT	TON	0.7	$ 600.00	$ 400
4040163	BLOTTER MATERIAL	TON	2.0	$ 40.00	$ 80
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	555	$ 90.00	$ 49,950
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 8,000.00	$ 8,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 75,000.00	$ 75,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 90,000.00	$ 90,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,500	$ 28.00	$ 42,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	7,000	$ 7.00	$ 49,000
9080300	CONCRETE SIDEWALK RAMP	EACH	3	$ 3,000.00	$ 9,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 40,000.00	$ 40,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 697,730**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 174,433
				SUBTOTAL WITH MISC WORK	**$ 872,163**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 52,330
	EROSION CONTROL	L.SUM	1	4%	$ 34,887
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 43,608
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 17,443
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 61,051
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,081,482**

COST ESTIMATE

Project Description: Pacific Ave./24th St. Intersection Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	MOBILIZATION	L.SUM	1	8%	$ 86,519
				SUBTOTAL WITH MOBILIZATION	**$ 1,168,001**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 175,200
	CONTINGENCIES	L.SUM	1	5%	$ 58,400
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 11,680
	NON-BID SUBTOTAL			$ 245,280	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,413,281**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,413,281**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 254,391
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 1,917,672**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-36
Airport Loop Safety Improvements

Project Name	Airport Loop Safety Improvements				
Project Location	4th Avenue Extension to County 14th				
Project Length (miles)	1 miles				
Roadway Ownership	City of Yuma				
Base Cost	$3M				
Factored Cost over RTP Period	$3.4M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to Airport Loop from 4th Avenue Extension to County 14th Street. The project includes shoulder improvements, intersection improvements at Avenue A and paving improvements.				

Location Map

COST ESTIMATE

Project Description: Airport Loop Safety Imp — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**	**7,920**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	5,280	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	14,080	$ 7.00	$ 98,560
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	21,120	$ 8.00	$ 168,960
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	4,107	$ 45.00	$ 184,800
4040125	FOG COAT	TON	7.0	$ 600.00	$ 4,224
4040163	BLOTTER MATERIAL	TON	21.1	$ 40.00	$ 845
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	5,861	$ 90.00	$ 527,472
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 15,000.00	$ 15,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 1,114,611**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 278,653
				SUBTOTAL WITH MISC WORK	**$ 1,393,264**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 83,596
	EROSION CONTROL	L.SUM	1	4%	$ 55,731
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 69,663
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 27,865
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 97,528
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,727,647**
	MOBILIZATION	L.SUM	1	8%	$ 138,212
				SUBTOTAL WITH MOBILIZATION	**$ 1,865,859**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 279,879
	CONTINGENCIES	L.SUM	1	5%	$ 93,293

COST ESTIMATE

Project Description: Airport Loop Safety Imp — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

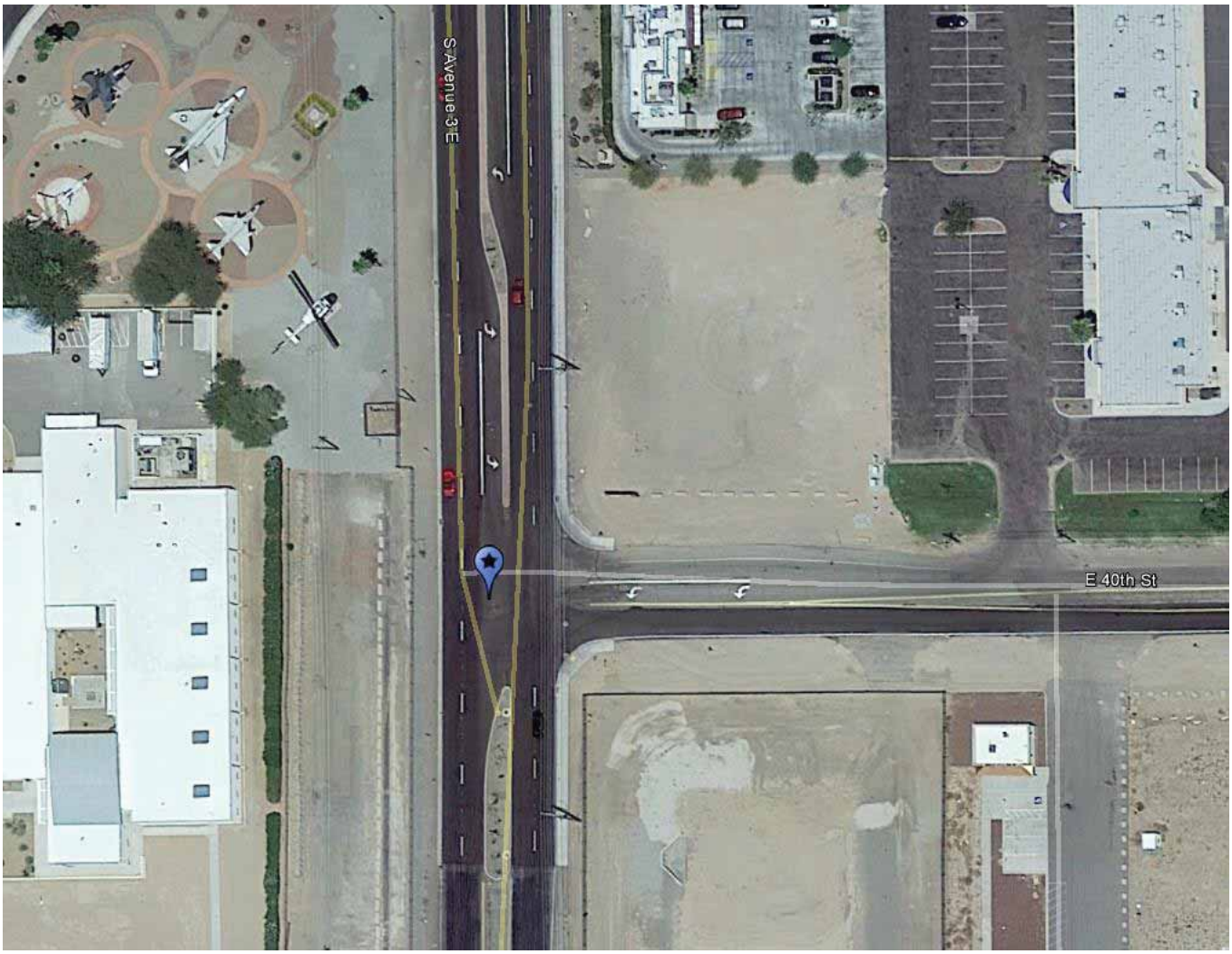
1.5	**Project Length (Miles)**	**7,920**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	5,280	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 18,659
	NON-BID SUBTOTAL			$ 391,831	$ -
				CONSTRUCTION SUBTOTAL	**$ 2,257,690**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,257,690**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 406,384
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 2,914,074**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-37
Avenue 3E/40th Street Safety Improvements

Project Name	Avenue 3E/40th Street Safety Improvements				
Project Location	Avenue 3E/40th Street				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$2M				
Factored Cost over RTP Period	$2M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to Avenue 3E/40th Street intersection. Project includes evaluating the need for a traffic signal, and addition of turn lanes, lighting, and sidewalk improvements.				

Location Map



COST ESTIMATE

Project Description: Avenue 3E/40th St Safety Imp — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 3,000.00	$ 3,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 10,000.00	$ 10,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	150	$ 5.00	$ 750
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	900	$ 4.00	$ 3,600
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	1,300	$ 7.00	$ 9,100
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	1,600	$ 8.00	$ 12,800
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	311	$ 45.00	$ 14,000
4040125	FOG COAT	TON	0.5	$ 600.00	$ 320
4040163	BLOTTER MATERIAL	TON	1.6	$ 40.00	$ 64
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	444	$ 90.00	$ 39,960
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 3,000.00	$ 3,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330621	TRAFFIC SIGNALS	L.SUM	1	$ 150,000.00	$ 150,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 20,000.00	$ 20,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	900	$ 28.00	$ 25,200
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	5,000	$ 7.00	$ 35,000
9080300	CONCRETE SIDEWALK RAMP	EACH	2	$ 3,000.00	$ 6,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 100,000.00	$ 100,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 40,000.00	$ 40,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 300,000.00	$ 300,000
				ROADWAY SUBTOTAL	**$ 826,544**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 206,636
				SUBTOTAL WITH MISC WORK	**$ 1,033,180**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 61,991
	EROSION CONTROL	L.SUM	1	4%	$ 41,327
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 51,659
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 20,664
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 72,323

COST ESTIMATE

Project Description: Avenue 3E/40th St Safety Imp — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 1,281,144**
	MOBILIZATION	L.SUM	1	8%	$ 102,492
				SUBTOTAL WITH MOBILIZATION	**$ 1,383,636**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 207,545
	CONTINGENCIES	L.SUM	1	5%	$ 69,182
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 13,836
	NON-BID SUBTOTAL			$ 290,563	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,674,199**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,674,199**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 301,356
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,975,555**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-10
Corridor Safety Studies

Project Name	Corridor Safety Studies				
Project Location	8th Street, Avenue B, 16th Street, Avenue 3E, 4th Avenue				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$0.5M				
Factored Cost over RTP Period	$0.5M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide a safety study for 8th Street, Avenue B, 16th Street. Avenue 3E, and 4th Avenue corridors.				

COST ESTIMATE

Project Description: Corridor Safety Studies — **ID No:**

Project Location: Yuma, Arizona — **Federal No:** N/A

Stage: Preliminary — **TRACS No:** N/A

Prepared By: Kimley-Horn — **Date:** September, 2016

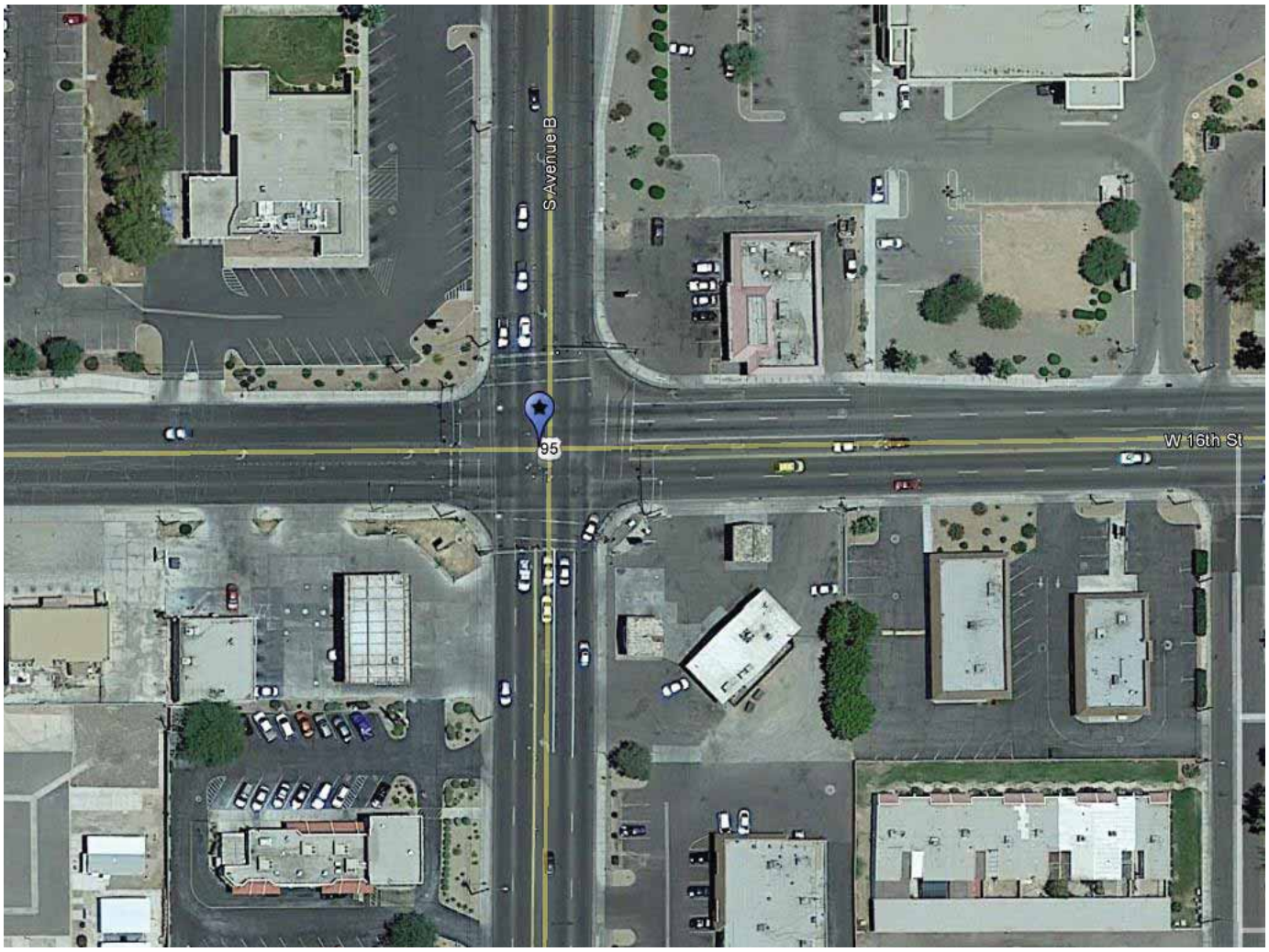
Project Length (Miles)	**0**	**Project Length (Feet)**	
Existing Pavement Width (FEET)		**Existing Length (Feet)**	
Segment 1 Pavement Width (FEET)		**Segment 1 Length (Feet)**	
Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**	
Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**	
Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**	

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
9240122	MISCELLANEOUS WORK (SAFETY STUDY)	EACH	4	$ 125,000.00	$ 500,000
				ROADWAY SUBTOTAL	**$ 500,000**
	MISCELLANEOUS WORK	L.SUM	1	0%	$ -
				SUBTOTAL WITH MISC WORK	**$ 500,000**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	0%	$ -
	EROSION CONTROL	L.SUM	1	0%	$ -
	CONTRACTOR QUALITY CONTROL	L.SUM	1	0%	$ -
	FURNISH WATER SUPPLY	L.SUM	1	0%	$ -
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	0%	$ -
				SUBTOTAL WITH GENERAL ITEMS	**$ 500,000**
	MOBILIZATION	L.SUM	1	0%	$ -
				SUBTOTAL WITH MOBILIZATION	**$ 500,000**
	CONSTRUCTION ENGINEERING	L.SUM	1	0%	$ -
	CONTINGENCIES	L.SUM	1	0%	$ -
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	0%	$ -
	NON-BID SUBTOTAL			$ -	$ -
				CONSTRUCTION SUBTOTAL	**$ 500,000**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 500,000**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	0%	$ -
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 500,000**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-11
Avenue B/16th Street Safety Improvements

Project Name	Avenue B/16th Street Safety Improvements				
Project Location	Avenue B/16th Street				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$4M				
Factored Cost over RTP Period	$4.4M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to Avenue B/16th Street intersection. The project includes construction of dual left turn lanes eastbound and westbound, and construction of right turn lanes on three approaches, and right of way acquisition to the north.				

Location Map



COST ESTIMATE

Project Description: Avenue B/16th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 5,000.00	$ 5,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 15,000.00	$ 15,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	4,000	$ 5.00	$ 20,000
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	20,000	$ 4.00	$ 80,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	13,000	$ 7.00	$ 91,000
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	18,000	$ 8.00	$ 144,000
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	3,500	$ 45.00	$ 157,500
4040125	FOG COAT	TON	6.0	$ 600.00	$ 3,600
4040163	BLOTTER MATERIAL	TON	18.0	$ 40.00	$ 720
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	4,995	$ 90.00	$ 449,550
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 13,000.00	$ 13,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 75,000.00	$ 75,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 120,000.00	$ 120,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	4,000	$ 28.00	$ 112,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	20,000	$ 7.00	$ 140,000
9080300	CONCRETE SIDEWALK RAMP	EACH	4	$ 3,000.00	$ 12,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 100,000.00	$ 100,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 1,592,120**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 398,030
				SUBTOTAL WITH MISC WORK	**$ 1,990,150**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 119,409
	EROSION CONTROL	L.SUM	1	4%	$ 79,606
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 99,508
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 39,803
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 139,311
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,467,787**

COST ESTIMATE

Project Description: Avenue B/16th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	MOBILIZATION	L.SUM	1	8%	$ 197,423
				SUBTOTAL WITH MOBILIZATION	**$ 2,665,210**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 399,782
	CONTINGENCIES	L.SUM	1	5%	$ 133,261
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 26,652
	NON-BID SUBTOTAL			$ 559,695	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,224,905**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,224,905**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 580,483
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 4,055,388**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-26
24th Street Widening

Project Name	24th Street Widening				
Project Location	1st Avenue to Arizona Avenue				
Project Length (miles)	0.25 miles				
Roadway Ownership	City of Yuma				
Base Cost	$9M				
Factored Cost over RTP Period	$10.7M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 24th Street from four to six lanes from 1st Avenue to Arizona Avenue				

Location Map

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No:** N/A

Stage: Preliminary — **TRACS No:** N/A

Prepared By: Kimley-Horn — **Date:** September, 2016

0.25	**Project Length (Miles)**	1,320	**Project Length (Feet)**
48	**Existing Pavement Width (FEET)**	1,320	**Existing Length (Feet)**
72	**Segment 1 Pavement Width (FEET)**	1,320	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 50,000.00	$ 50,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	3,000	$ 5.00	$ 15,000
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	16,000	$ 4.00	$ 64,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	7,040	$ 7.00	$ 49,280
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	10,560	$ 8.00	$ 84,480
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,053	$ 45.00	$ 92,400
4040125	FOG COAT	TON	3.5	$ 600.00	$ 2,112
4040163	BLOTTER MATERIAL	TON	10.6	$ 40.00	$ 422
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	2,930	$ 90.00	$ 263,736
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 12,000.00	$ 12,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 200,000.00	$ 200,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 120,000.00	$ 120,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 75,000.00	$ 75,000
8050003	SEEDING (CLASS II)	ACRE	1.0	$ 3,500.00	$ 3,500
9080091	CONCRETE CURB AND GUTTER	L.FT.	3,000	$ 28.00	$ 84,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	16,000	$ 7.00	$ 112,000
9080300	CONCRETE SIDEWALK RAMP	EACH	16	$ 3,000.00	$ 48,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 200,000.00	$ 200,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 250,000.00	$ 250,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 1,853,430**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 463,358
				SUBTOTAL WITH MISC WORK	**$ 2,316,788**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 139,007
	EROSION CONTROL	L.SUM	1	4%	$ 92,672
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 115,839
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 46,336

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

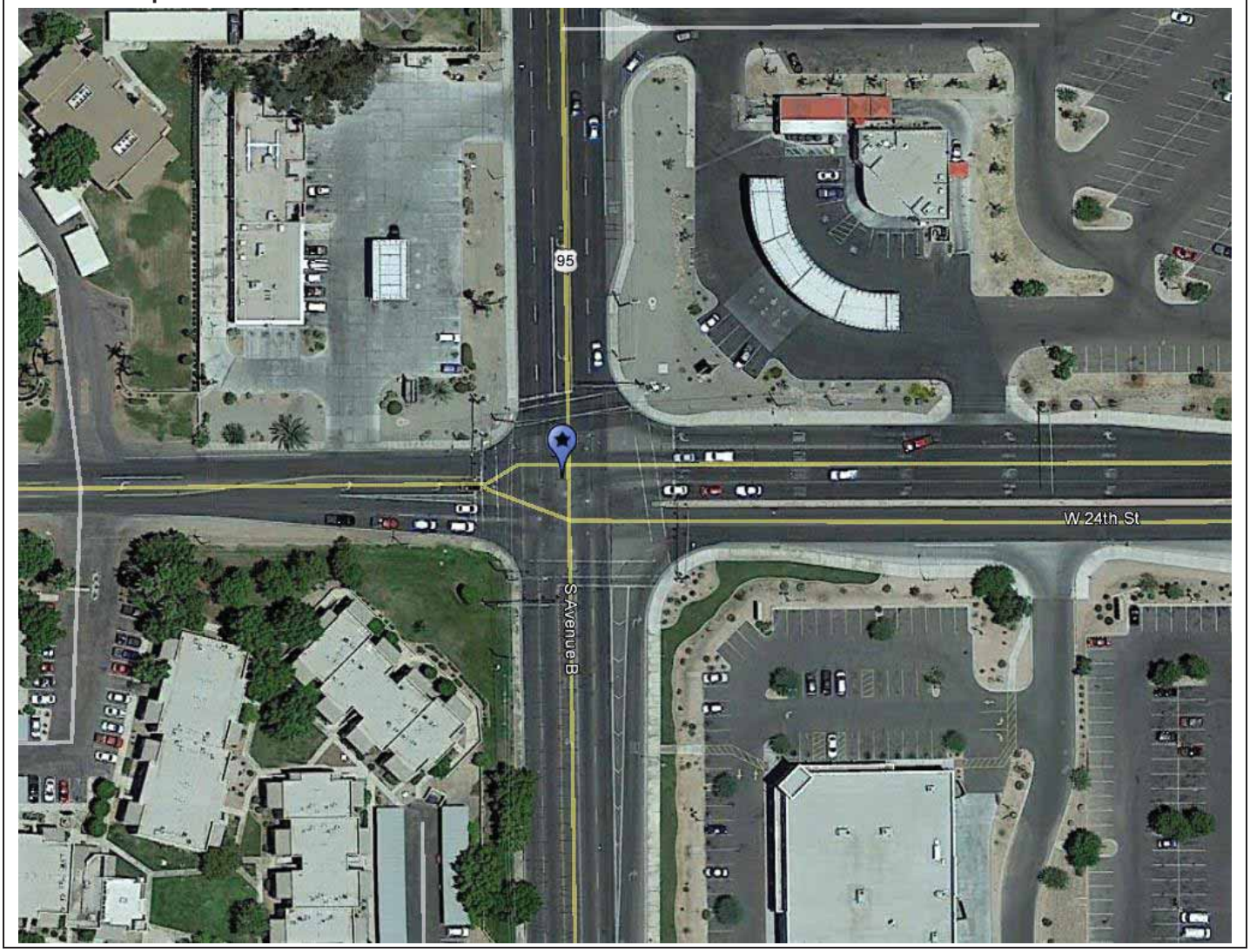
0.25	**Project Length (Miles)**	**1,320**	**Project Length (Feet)**
48	**Existing Pavement Width (FEET)**	1,320	**Existing Length (Feet)**
72	**Segment 1 Pavement Width (FEET)**	1,320	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 162,175
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,872,817**
	MOBILIZATION	L.SUM	1	8%	$ 229,825
				SUBTOTAL WITH MOBILIZATION	**$ 3,102,642**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 465,396
	CONTINGENCIES	L.SUM	1	5%	$ 155,132
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 31,026
	NON-BID SUBTOTAL			$ 651,554	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,754,196**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,754,196**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 675,755
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 800,000
RIGHT-OF-WAY		SQ.FT.			$ 3,750,000
				TOTAL PROJECT COST	**$ 8,979,951**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-22
Avenue B/24th Street Safety Improvements

Project Name	Avenue B/24th Street Safety Improvements				
Project Location	Avenue B/24th Street				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$3.3M				
Factored Cost over RTP Period	$3.9M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	• This project will provide safety improvements to Avenue B/24th Street intersection. The safety improvements include two right turn, one through left turn lanes, and traffic signal upgrades.				

Location Map



COST ESTIMATE

Project Description: Avenue B/24th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 3,000.00	$ 3,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 15,000.00	$ 15,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	3,000	$ 5.00	$ 15,000
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	15,000	$ 4.00	$ 60,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	10,000	$ 7.00	$ 70,000
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	13,000	$ 8.00	$ 104,000
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,528	$ 45.00	$ 113,750
4040125	FOG COAT	TON	4.3	$ 600.00	$ 2,600
4040163	BLOTTER MATERIAL	TON	13.0	$ 40.00	$ 520
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	3,608	$ 90.00	$ 324,675
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 10,000.00	$ 10,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 90,000.00	$ 90,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	3,000	$ 28.00	$ 84,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	15,000	$ 7.00	$ 105,000
9080300	CONCRETE SIDEWALK RAMP	EACH	4	$ 3,000.00	$ 12,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 80,000.00	$ 80,000
				ROADWAY SUBTOTAL	**$ 1,193,295**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 298,324
				SUBTOTAL WITH MISC WORK	**$ 1,491,619**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 89,497
	EROSION CONTROL	L.SUM	1	4%	$ 59,665
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 74,581
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 29,832
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 104,413
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,849,607**

COST ESTIMATE

Project Description: Avenue B/24th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	MOBILIZATION	L.SUM	1	8%	$ 147,969
				SUBTOTAL WITH MOBILIZATION	**$ 1,997,576**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 299,636
	CONTINGENCIES	L.SUM	1	5%	$ 99,879
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 19,976
	NON-BID SUBTOTAL			$ 419,491	$ -
				CONSTRUCTION SUBTOTAL	**$ 2,417,067**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,417,067**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 435,072
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 350,000
				TOTAL PROJECT COST	**$ 3,302,139**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-21
24th Street Widening

Project Name	24th Street Widening				
Project Location	Avenue C to Avenue B				
Project Length (miles)	1.0 miles				
Roadway Ownership	City of Yuma				
Base Cost	$5.0M				
Factored Cost over RTP Period	$5.8M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 24th Street from two to four lanes from Avenue C to Avenue B				

Location Map

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**	**5,280**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	5,280	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	14,080	$ 7.00	$ 98,560
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	35,200	$ 8.00	$ 281,600
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	6,844	$ 45.00	$ 308,000
4040125	FOG COAT	TON	11.7	$ 600.00	$ 7,040
4040163	BLOTTER MATERIAL	TON	35.2	$ 40.00	$ 1,408
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	9,768	$ 90.00	$ 879,120
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 22,000.00	$ 22,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 250,000.00	$ 250,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 1,992,478**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 498,120
				SUBTOTAL WITH MISC WORK	**$ 2,490,598**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 149,436
	EROSION CONTROL	L.SUM	1	4%	$ 99,624
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 124,530
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 49,812
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 174,342
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,088,342**
	MOBILIZATION	L.SUM	1	8%	$ 247,067
				SUBTOTAL WITH MOBILIZATION	**$ 3,335,409**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 500,311
	CONTINGENCIES	L.SUM	1	5%	$ 166,770

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**	**5,280**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	5,280	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 33,354
	NON-BID SUBTOTAL			$ 700,435	$ -
				CONSTRUCTION SUBTOTAL	**$ 4,035,844**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 4,035,844**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 726,452
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 5,012,296**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-14
40th Street Paving

Project Name	40th Street Paving				
Project Location	Avenue 8E to Avenue 10E				
Project Length (miles)	2.0 miles				
Roadway Ownership	City of Yuma/Yuma County				
Base Cost	$7.0M				
Factored Cost over RTP Period	$9.1M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave 40th Street from Avenue 8E to Avenue 10E.				

Location Map

COST ESTIMATE

Project Description: 40th St Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**	**10,560**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 50,000.00	$ 50,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	42,240	$ 8.00	$ 337,920
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	8,213	$ 45.00	$ 369,600
4040125	FOG COAT	TON	14.1	$ 600.00	$ 8,448
4040163	BLOTTER MATERIAL	TON	42.2	$ 40.00	$ 1,690
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	11,722	$ 90.00	$ 1,054,944
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 12,000.00	$ 12,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 30,000.00	$ 30,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 300,000.00	$ 300,000
8050003	SEEDING (CLASS II)	ACRE	7.5	$ 3,500.00	$ 26,250
9080091	CONCRETE CURB AND GUTTER	L.FT.	2,500	$ 28.00	$ 70,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	15,000	$ 7.00	$ 105,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 100,000.00	$ 100,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 60,000.00	$ 60,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 2,932,852**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 733,213
				SUBTOTAL WITH MISC WORK	**$ 3,666,065**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 219,964
	EROSION CONTROL	L.SUM	1	4%	$ 146,643
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 183,303
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 73,321
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 256,625
				SUBTOTAL WITH GENERAL ITEMS	**$ 4,545,921**
	MOBILIZATION	L.SUM	1	8%	$ 363,674
				SUBTOTAL WITH MOBILIZATION	**$ 4,909,595**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 736,439

COST ESTIMATE

Project Description: 40th St Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**	**10,560**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	CONTINGENCIES	L.SUM	1	5%	$ 245,480
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 49,096
	NON-BID SUBTOTAL			$ 1,031,015	$ -
				CONSTRUCTION SUBTOTAL	**$ 5,940,610**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 5,940,610**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,069,310
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 7,009,920**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-15
16th Street Widening

Project Name	16th Street Widening				
Project Location	3rd Avenue to Maple Avenue				
Project Length (miles)	0.25 miles				
Roadway Ownership	City of Yuma				
Base Cost	$1.4M ($2.4M)				
Factored Cost over RTP Period	$1.4M ($2.4M)				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 16th Street from four to six lanes from 3rd Avenue to Maple Avenue				

Location Map

COST ESTIMATE

Project Description: 16th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.2	**Project Length (Miles)**	**1,056**	**Project Length (Feet)**
4	**Existing Sawcut Width (FEET)**	1,056	**Existing Length (Feet)**
24	**Segment 1 Pavement Widening Width (FEET)**	1,056	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 2,500.00	$ 2,500
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 10,000.00	$ 10,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	2,200	$ 5.00	$ 11,000
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	13,000	$ 4.00	$ 52,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	469	$ 7.00	$ 3,285
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	2,816	$ 8.00	$ 22,528
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	548	$ 45.00	$ 24,640
4040125	FOG COAT	TON	0.9	$ 600.00	$ 563
4040163	BLOTTER MATERIAL	TON	2.8	$ 40.00	$ 113
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	781	$ 90.00	$ 70,330
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 2,500.00	$ 2,500
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 10,000.00	$ 10,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 120,000.00	$ 120,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 30,000.00	$ 30,000
8050003	SEEDING (CLASS II)	ACRE	1.0	$ 3,500.00	$ 3,500
9080091	CONCRETE CURB AND GUTTER	L.FT.	2,200	$ 28.00	$ 61,600
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	13,000	$ 7.00	$ 91,000
9080300	CONCRETE SIDEWALK RAMP	EACH	8	$ 3,000.00	$ 24,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 240,000.00	$ 240,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 967,059**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 241,765
				SUBTOTAL WITH MISC WORK	**$ 1,208,824**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 72,529
	EROSION CONTROL	L.SUM	1	4%	$ 48,353
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 60,441

COST ESTIMATE

Project Description: 16th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.2	**Project Length (Miles)**	**1,056**	**Project Length (Feet)**
4	**Existing Sawcut Width (FEET)**	1,056	**Existing Length (Feet)**
24	**Segment 1 Pavement Widening Width (FEET)**	1,056	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 24,176
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 84,618
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,498,941**
	MOBILIZATION	L.SUM	1	8%	$ 119,915
				SUBTOTAL WITH MOBILIZATION	**$ 1,618,856**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 242,828
	CONTINGENCIES	L.SUM	1	5%	$ 80,943
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 16,189
	NON-BID SUBTOTAL			$ 339,960	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,958,816**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,958,816**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 352,587
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 2,411,403**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-14
4th Avenue Safety Improvements

Project Name	4th Avenue Safety Improvements				
Project Location	1st Street to 32nd Street				
Project Length (miles)	4 miles				
Roadway Ownership	City of Yuma				
Base Cost	$2.9M				
Factored Cost over RTP Period	$2.9M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 4th Avenue from 1st Street to 32nd Street. This project includes traffic signal upgrades, a HAWK signal at 4th Avenue and 13th Street, pork chop medians at 4th Avenue and 13th Street, and LED lighting from 1st Street to 14th Street.				

Location Map

COST ESTIMATE

Project Description: 4th Ave Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

4	**Project Length (Miles)**	**21,120**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 600,000.00	$ 600,000
7330623	HAWK SIGNAL	L.SUM	1	$ 100,000.00	$ 100,000
7360301	LED ROADWAY LIGHTING UPGRADE	L.SUM	1	$ 150,000.00	$ 150,000
9080045	CONCRETE CURB (SINGLE)	L.FT.	500	$ 22.00	$ 11,000
9210016	MEDIAN PAVING (DECORATIVE PAVEMENT)	SQ.YD.	1,500	$ 9.00	$ 13,500
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 350,000.00	$ 350,000
				ROADWAY SUBTOTAL	**$ 1,224,500**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 306,125
				SUBTOTAL WITH MISC WORK	**$ 1,530,625**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 91,838
	EROSION CONTROL	L.SUM	1	4%	$ 61,225
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 76,531
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 30,613
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 107,144
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,897,976**
	MOBILIZATION	L.SUM	1	8%	$ 151,838
				SUBTOTAL WITH MOBILIZATION	**$ 2,049,814**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 307,472
	CONTINGENCIES	L.SUM	1	5%	$ 102,491
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 20,498
	NON-BID SUBTOTAL			$ 430,461	$ -
				CONSTRUCTION SUBTOTAL	**$ 2,480,275**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,480,275**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 446,450
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -

COST ESTIMATE			
Project Description: 4th Ave Safety Improvements		**ID No:**	
Project Location: Yuma, Arizona		**Federal No:**	**N/A**
Stage: Preliminary		**TRACS No:**	**N/A**
Prepared By: Kimley-Horn		**Date:**	**September, 2016**
4	**Project Length (Miles)**	**21,120**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**
		TOTAL PROJECT COST	**$ 2,926,725**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-28
Catalina Drive/1st Avenue Safety Improvements

Project Name	Catalina Drive/1st Avenue Safety Improvements				
Project Location	Catalina Drive/1st Avenue				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.25M				
Factored Cost over RTP Period	$0.25M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide drainage improvements and lighting at the Catalina Drive/1st Avenue intersection				

Location Map

COST ESTIMATE

Project Description: Catalina Dr/1st Avenue Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

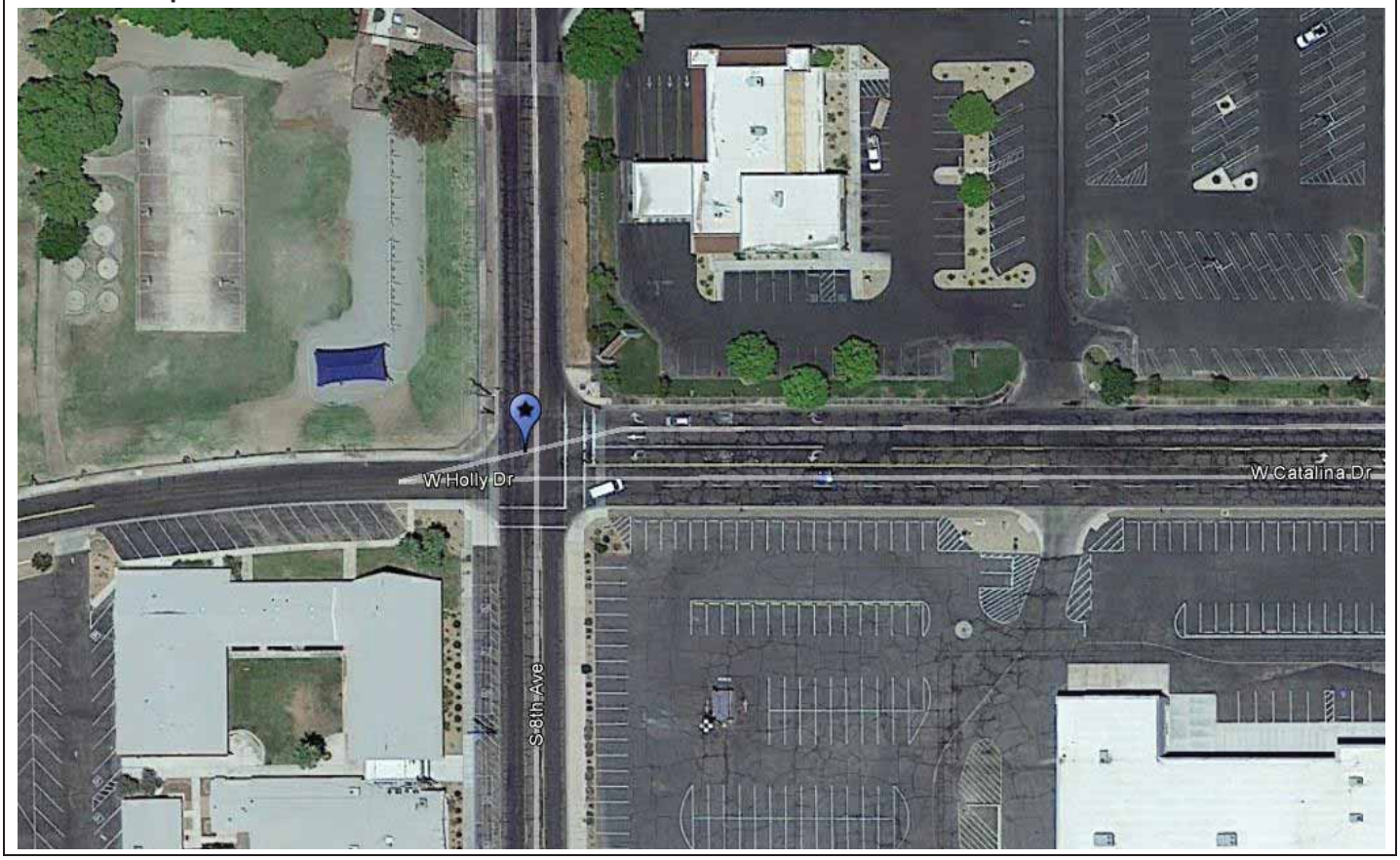
0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
7360300	ROADWAY LIGHTING	L.SUM	1	$ 70,000.00	$ 70,000
9240064	MISCELLANEOUS WORK (DRAINAGE IMPROVEMENTS)	L.SUM	1	$ 35,000.00	$ 35,000
				ROADWAY SUBTOTAL	**$ 105,000**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 26,250
				SUBTOTAL WITH MISC WORK	**$ 131,250**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 7,875
	EROSION CONTROL	L.SUM	1	4%	$ 5,250
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 6,563
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 2,625
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 9,188
				SUBTOTAL WITH GENERAL ITEMS	**$ 162,751**
	MOBILIZATION	L.SUM	1	8%	$ 13,020
				SUBTOTAL WITH MOBILIZATION	**$ 175,771**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 26,366
	CONTINGENCIES	L.SUM	1	5%	$ 8,789
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 1,758
	NON-BID SUBTOTAL			$ 36,913	$ -
				CONSTRUCTION SUBTOTAL	**$ 212,684**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 212,684**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 38,283
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 250,967**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-44
Catalina Drive/8th Avenue Safety Improvements

Project Name	Catalina Drive/8th Avenue Safety Improvements				
Project Location	Catalina Drive/8th Street				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.4M				
Factored Cost over RTP Period	$0.4M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will evaluate the need for a roundabout or a traffic signal at the Catalina Drive/8th Street intersection.				

Location Map



COST ESTIMATE

Project Description: Catalina Dr/8th Avenue Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5 Project Length (Miles) — **2,640 Project Length (Feet)**

Existing Pavement Width (FEET) — **Existing Length (Feet)**

Segment 1 Pavement Width (FEET) — **Segment 1 Length (Feet)**

Segment 2 Pavement Width (FEET) — **Segment 2 Length (Feet)**

Segment 3 Pavement Width (FEET) — **Segment 3 Length (Feet)**

Segment 4 Pavement Width (FEET) — **Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
9240131	MISCELLANEOUS WORK (ROUNDABOUT OR TRAFFIC SIGNAL STUDY)	EACH	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 400,000**
	MISCELLANEOUS WORK	L.SUM	1	0%	$ -
				SUBTOTAL WITH MISC WORK	**$ 400,000**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	0%	$ -
	EROSION CONTROL	L.SUM	1	0%	$ -
	CONTRACTOR QUALITY CONTROL	L.SUM	1	0%	$ -
	FURNISH WATER SUPPLY	L.SUM	1	0%	$ -
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	0%	$ -
				SUBTOTAL WITH GENERAL ITEMS	**$ 400,000**
	MOBILIZATION	L.SUM	1	0%	$ -
				SUBTOTAL WITH MOBILIZATION	**$ 400,000**
	CONSTRUCTION ENGINEERING	L.SUM	1	0%	$ -
	CONTINGENCIES	L.SUM	1	0%	$ -
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	0%	$ -
	NON-BID SUBTOTAL			$ -	$ -
				CONSTRUCTION SUBTOTAL	**$ 400,000**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 400,000**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	0%	$ -
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 400,000**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-02
Road Safety Assessments

Project Name	Road Safety Assessments				
Project Location	3rd Street, 8th Street, 16th Street, 1st Avenue, 4th Avenue				
Project Length (miles)	- miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.9M				
Factored Cost over RTP Period	$0.9M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide Road Safety Assessments to 3rd Street, 8th Street, 16th Street, 1st Avenue, and 4th Avenue corridors				

COST ESTIMATE

Project Description: Road Safety Improvments — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
	Existing Pavement Width (FEET)		**Existing Length (Feet)**
	Segment 1 Pavement Width (FEET)		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
9240133	MISCELLANEOUS WORK (ROAD SAFETY ASSESSMENT)	EACH	5	$ 180,000.00	$ 900,000
				ROADWAY SUBTOTAL	**$ 900,000**
	MISCELLANEOUS WORK	L.SUM	1	0%	$ -
				SUBTOTAL WITH MISC WORK	**$ 900,000**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	0%	$ -
	EROSION CONTROL	L.SUM	1	0%	$ -
	CONTRACTOR QUALITY CONTROL	L.SUM	1	0%	$ -
	FURNISH WATER SUPPLY	L.SUM	1	0%	$ -
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	0%	$ -
				SUBTOTAL WITH GENERAL ITEMS	**$ 900,000**
	MOBILIZATION	L.SUM	1	0%	$ -
				SUBTOTAL WITH MOBILIZATION	**$ 900,000**
	CONSTRUCTION ENGINEERING	L.SUM	1	0%	$ -
	CONTINGENCIES	L.SUM	1	0%	$ -
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	0%	$ -
	NON-BID SUBTOTAL			$ -	$ -
				CONSTRUCTION SUBTOTAL	**$ 900,000**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 900,000**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	0%	$ -
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 900,000**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-08
8th Street Safety Improvements

Project Name	8th Street Safety Improvements				
Project Location	Avenue C to 1st Avenue				
Project Length (miles)	2.8 miles				
Roadway Ownership	City of Yuma				
Base Cost	$1.5M				
Factored Cost over RTP Period	$2.1M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 8th Street from Avenue C to 1st Avenue. The improvements include lighting, signal upgrades at Avenue C intersection.				

Location Map

COST ESTIMATE

Project Description: 8th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2.8	**Project Length (Miles)**	**14,784**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 80,000.00	$ 80,000
7360302	ROADWAY LIGHTING UPGRADE	L.SUM	1	$ 200,000.00	$ 200,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 350,000.00	$ 350,000
				ROADWAY SUBTOTAL	**$ 630,000**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 157,500
				SUBTOTAL WITH MISC WORK	**$ 787,500**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 47,250
	EROSION CONTROL	L.SUM	1	4%	$ 31,500
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 39,375
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 15,750
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 55,125
				SUBTOTAL WITH GENERAL ITEMS	**$ 976,500**
	MOBILIZATION	L.SUM	1	8%	$ 78,120
				SUBTOTAL WITH MOBILIZATION	**$ 1,054,620**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 158,193
	CONTINGENCIES	L.SUM	1	5%	$ 52,731
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 10,546
	NON-BID SUBTOTAL			$ 221,470	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,276,090**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,276,090**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 229,696
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,505,786**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-07
28th Street/Avenue 9E Safety Improvements

Project Name	28th Street/Avenue 9E Safety Improvements				
Project Location	28th Street/Avenue 9E				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.35M				
Factored Cost over RTP Period	$0.5M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 28th Street/Avenue 9E intersection. This project includes widening 28th Street, possibly a roundabout at this location.				

Location Map

COST ESTIMATE

Project Description: 28th St./Avenue 9E Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
2	**Existing Pavement Sawcut Width (FEET)**	1,000	**Existing Length (Feet)**
12	**Segment 1 Shoulder Pavement Width (FEET)**	1,000	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 2,500.00	$ 2,500
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 1,000.00	$ 1,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	222	$ 7.00	$ 1,556
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	1,333	$ 8.00	$ 10,667
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	259	$ 45.00	$ 11,667
4040125	FOG COAT	TON	0.4	$ 600.00	$ 267
4040163	BLOTTER MATERIAL	TON	1.3	$ 40.00	$ 53
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	370	$ 90.00	$ 33,300
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 1,500.00	$ 1,500
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 1,000.00	$ 1,000
8050003	SEEDING (CLASS II)	ACRE	0.7	$ 3,500.00	$ 2,450
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 40,000.00	$ 40,000
				ROADWAY SUBTOTAL	**$ 109,709**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 27,427
				SUBTOTAL WITH MISC WORK	**$ 137,136**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 8,228
	EROSION CONTROL	L.SUM	1	4%	$ 5,485
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 6,857
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 2,743
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 9,600
				SUBTOTAL WITH GENERAL ITEMS	**$ 170,049**
	MOBILIZATION	L.SUM	1	8%	$ 13,604
				SUBTOTAL WITH MOBILIZATION	**$ 183,653**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 27,548
	CONTINGENCIES	L.SUM	1	5%	$ 9,183
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 1,837
	NON-BID SUBTOTAL			$ 38,568	$ -

COST ESTIMATE

Project Description: 28th St./Avenue 9E Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
2	**Existing Pavement Sawcut Width (FEET)**	1,000	**Existing Length (Feet)**
12	**Segment 1 Shoulder Pavement Width (FEET)**	1,000	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

				CONSTRUCTION SUBTOTAL	**$ 222,221**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 222,221**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 40,000
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 40,000
RIGHT-OF-WAY		SQ.FT.			$ 50,000
				TOTAL PROJECT COST	**$ 352,221**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-23
24th Street Widening

Project Name	24th Street Widening				
Project Location	Avenue C to 45th Avenue				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$2M				
Factored Cost over RTP Period	$2.8M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 24th Street from two to four lanes from Avenue C to 45th Avenue				

Location Map

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No:** N/A

Stage: Preliminary — **TRACS No:** N/A

Prepared By: Kimley-Horn — **Date:** September, 2016

0.5	Project Length (Miles)	2,640	Project Length (Feet)
24	Existing Pavement Width (FEET)	2,640	Existing Length (Feet)
48	Segment 1 Pavement Width (FEET)	2,640	Segment 1 Length (Feet)
	Segment 2 Pavement Width (FEET)		Segment 2 Length (Feet)
	Segment 3 Pavement Width (FEET)		Segment 3 Length (Feet)
	Segment 4 Pavement Width (FEET)		Segment 4 Length (Feet)

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 10,000.00	$ 10,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	7,040	$ 7.00	$ 49,280
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	14,080	$ 8.00	$ 112,640
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,738	$ 45.00	$ 123,200
4040125	FOG COAT	TON	4.7	$ 600.00	$ 2,816
4040163	BLOTTER MATERIAL	TON	14.1	$ 40.00	$ 563
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	3,907	$ 90.00	$ 351,648
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 10,000.00	$ 10,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	1.8	$ 3,500.00	$ 6,300
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 847,197**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 211,799
				SUBTOTAL WITH MISC WORK	**$ 1,058,996**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 63,540
	EROSION CONTROL	L.SUM	1	4%	$ 42,360
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 52,950
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 21,180
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 74,130
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,313,156**
	MOBILIZATION	L.SUM	1	8%	$ 105,052
				SUBTOTAL WITH MOBILIZATION	**$ 1,418,208**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 212,731

COST ESTIMATE

Project Description: 24th St Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	2,640	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	CONTINGENCIES	L.SUM	1	5%	$ 70,910
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 14,182
	NON-BID SUBTOTAL			$ 297,823	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,716,031**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,716,031**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 308,886
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 2,024,917**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-24
24th Street Safety Improvements

Project Name	24th Street Safety Improvements				
Project Location	Avenue C to 4th Avenue				
Project Length (miles)	2.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$1.2M				
Factored Cost over RTP Period	$1.7M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 24th Street from Avenue C to 4th Avenue. The improvements include street lighting and access control improvements.				

Location Map

COST ESTIMATE

Project Description: 24th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

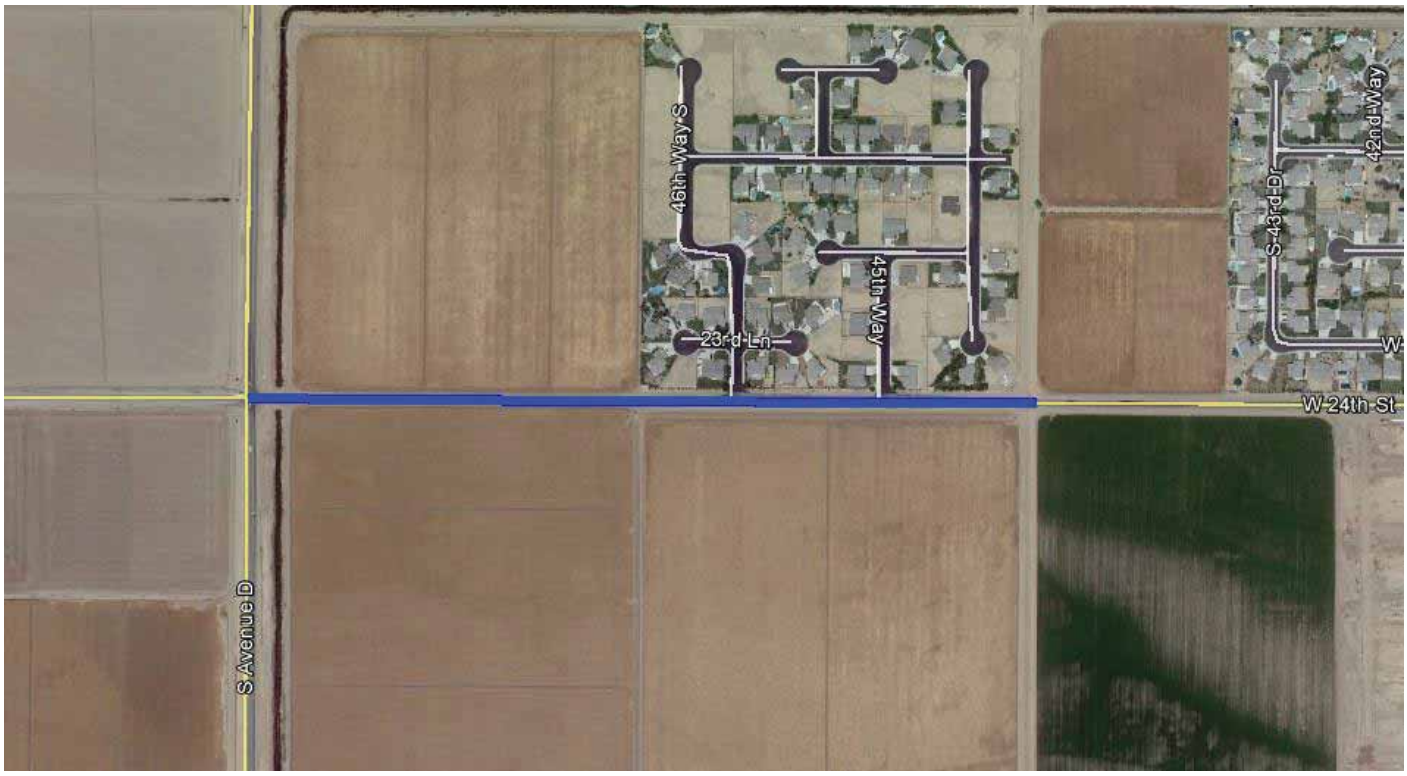
2.5	**Project Length (Miles)**	**13,200**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	0	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
7360300	ROADWAY LIGHTING	L.SUM	1	$ 360,000.00	$ 360,000
9240065	MISCELLANEOUS WORK (ACCESS CONTROL IMPROVEMENTS)	L.SUM	1	$ 150,000.00	$ 150,000
				ROADWAY SUBTOTAL	**$ 510,000**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 127,500
				SUBTOTAL WITH MISC WORK	**$ 637,500**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 38,250
	EROSION CONTROL	L.SUM	1	4%	$ 25,500
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 31,875
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 12,750
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 44,625
				SUBTOTAL WITH GENERAL ITEMS	**$ 790,500**
	MOBILIZATION	L.SUM	1	8%	$ 63,240
				SUBTOTAL WITH MOBILIZATION	**$ 853,740**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 128,061
	CONTINGENCIES	L.SUM	1	5%	$ 42,687
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 8,537
	NON-BID SUBTOTAL			$ 179,285	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,033,025**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,033,025**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 185,945
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,218,970**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-38
24th Street Paving

Project Name	24th Street Paving				
Project Location	45th Avenue to Avenue D				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$2M				
Factored Cost over RTP Period	$2.8M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave 24th Street from 45th Avenue to Avenue D.				

Location Map



COST ESTIMATE

Project Description: 24th Street Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**		**2,640**	**Project Length (Feet)**
30.4	**Existing Pavement Width (FEET)**	0.5 Miles	2,640	**Existing Length (Feet)**
42.4	**Segment 1 Pavement Width (FEET)**	0.5 Miles	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 11,000.00	$ 11,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	8,917	$ 5.00	$ 44,587
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	12,437	$ 6.00	$ 74,624
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,418	$ 40.00	$ 96,735
4040125	FOG COAT	TON	4.1	$ 600.00	$ 2,487
4040163	BLOTTER MATERIAL	TON	12.4	$ 40.00	$ 497
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	3,451	$ 90.00	$ 310,622
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 4,000.00	$ 4,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 11,000.00	$ 11,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 10,000.00	$ 10,000
8050003	SEEDING (CLASS II)	ACRE	5.0	$ 3,500.00	$ 17,500
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1.0	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 839,053**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 209,763
				SUBTOTAL WITH MISC WORK	**$ 1,048,816**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 62,929
	EROSION CONTROL	L.SUM	1	4%	$ 41,953
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 52,441
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 20,976
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 73,417
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,300,532**
	MOBILIZATION	L.SUM	1	5%	$ 65,027
				SUBTOTAL WITH MOBILIZATION	**$ 1,365,559**

COST ESTIMATE

Project Description: 24th Street Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

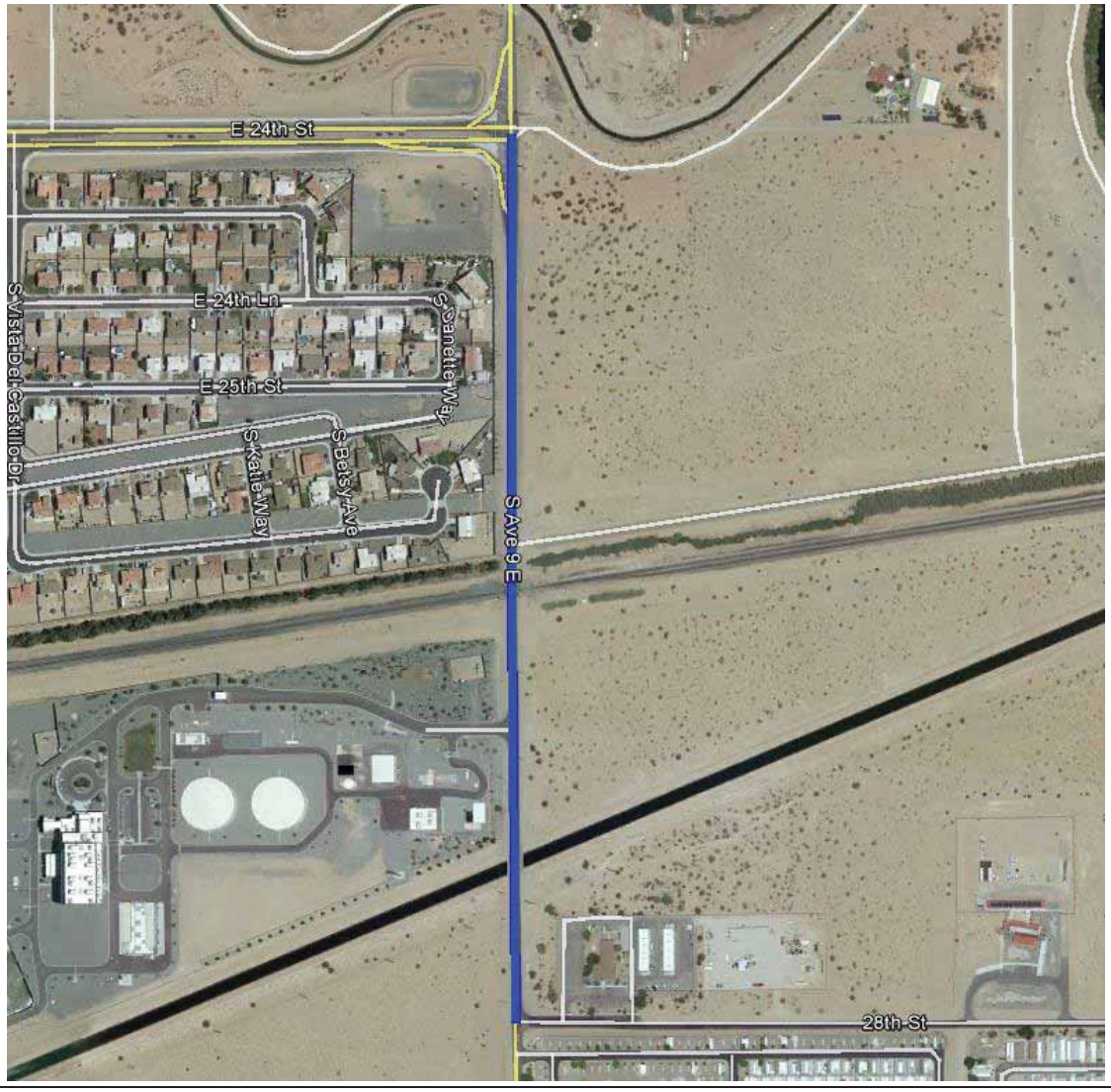
0.5	**Project Length (Miles)**		**2,640**	**Project Length (Feet)**
30.4	**Existing Pavement Width (FEET)**	0.5 Miles	2,640	**Existing Length (Feet)**
42.4	**Segment 1 Pavement Width (FEET)**	0.5 Miles	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 204,834
	CONTINGENCIES	L.SUM	1	5%	$ 68,278
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 13,656
	NON-BID SUBTOTAL			$ 286,768	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,652,327**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,652,327**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 297,419
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM		%	$ 20,000
RIGHT-OF-WAY		SQ.FT.			$ 50,000
				TOTAL PROJECT COST	**$ 2,019,746**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-39
Avenue 9E RR crossing (Underpass)

Project Name	Avenue 9E RR crossing (Underpass)				
Project Location	24th Street to 28th Street				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$12.5M (*$17.4M*)				
Factored Cost over RTP Period	$23.8M (*$33.2M*)				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☒	2033-2037 ☒	2038-2041 ☐
Project Description	This project will construct an underpass for Avenue 9E Railroad crossing				

Location Map



COST ESTIMATE

Project Description: Avenue 9E RR crossing (underpass) — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
26	**Existing Pavement Width (FEET)**	2,640	**Existing Length (Feet)**
40	**Segment 1 Pavement Width (FEET)**	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 10,000.00	$ 10,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	7,627	$ 7.00	$ 53,387
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	11,733	$ 8.00	$ 93,867
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,281	$ 45.00	$ 102,667
4040125	FOG COAT	TON	3.9	$ 600.00	$ 2,347
4040163	BLOTTER MATERIAL	TON	11.7	$ 40.00	$ 469
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	3,256	$ 90.00	$ 293,040
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 10,000.00	$ 10,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 1,000.00	$ 1,000
8050003	SEEDING (CLASS II)	ACRE	1.8	$ 3,500.00	$ 6,300
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
	EXCAVATION	CU.YD.	20,000	$ 30.00	$ 600,000
	RETAINING WALL	SQ.FT.	25,000	$ 40.00	$ 1,000,000
	RAILROAD CONSTRUCTION (TEMP SHIFT)	L.SUM	1	$ 1,500,000.00	$ 1,500,000
	CBC SUMP	L.SUM	1	$ 350,000.00	$ 350,000
	PUMP STATION	L.SUM	1	$ 120,000.00	$ 120,000
	BRIDGE (RAILROAD UNDERPASS)	L.SUM	1	$ 3,000,000.00	$ 3,000,000
				ROADWAY SUBTOTAL	**$ 7,171,826**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 1,792,957
				SUBTOTAL WITH MISC WORK	**$ 8,964,783**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 537,887
	EROSION CONTROL	L.SUM	1	4%	$ 358,591
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 448,239
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 179,296
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 627,535
				SUBTOTAL WITH GENERAL ITEMS	**$ 11,116,331**
	MOBILIZATION	L.SUM	1	8%	$ 889,306

COST ESTIMATE

Project Description: Avenue 9E RR crossing (underpass) — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
26	**Existing Pavement Width (FEET)**	2,640	**Existing Length (Feet)**
40	**Segment 1 Pavement Width (FEET)**	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

				SUBTOTAL WITH MOBILIZATION	**$ 12,005,637**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 1,800,846
	CONTINGENCIES	L.SUM	1	5%	$ 600,282
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 120,056
	NON-BID SUBTOTAL			$ 2,521,184	$ -
				CONSTRUCTION SUBTOTAL	**$ 14,526,821**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 14,526,821**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 2,614,828
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 100,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 17,391,649**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-40
Avenue 3 1/2 E Paving

Project Name	Avenue 3 1/2 E Paving				
Project Location	Avenue 3E/24th Street to 40th Street				
Project Length (miles)	2 miles				
Roadway Ownership	City of Yuma				
Base Cost	$9M				
Factored Cost over RTP Period	$16.4M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☒	2033-2037 ☒	2038-2041 ☐
Project Description	This project involves constructing 0.75 miles of new road and widening 1.25 miles of roadway				

Location Map

COST ESTIMATE

Project Description: Avenue 3 1/2 E Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
26	**Existing Pavement Width (FEET)**	1.3 Miles	6,864	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	0.7 Miles	3,696	**Segment 1 Length (Feet)**
62	**Segment 2 Pavement Width (FEET)**	1.3 Miles	6,864	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 26,000.00	$ 26,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	300	$ 5.50	$ 1,650
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	1,000	$ 4.00	$ 4,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	19,829	$ 5.00	$ 99,147
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	62,069	$ 6.00	$ 372,416
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	12,069	$ 40.00	$ 482,761
4040125	FOG COAT	TON	20.7	$ 600.00	$ 12,414
4040163	BLOTTER MATERIAL	TON	62.1	$ 40.00	$ 2,483
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	17,224	$ 90.00	$ 1,550,182
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 7,500.00	$ 7,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 15,000.00	$ 15,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
7330621	TRAFFIC SIGNALS	L.SUM	1	$ 40,000.00	$ 40,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 30,000.00	$ 30,000
8050003	SEEDING (CLASS II)	ACRE	3.0	$ 3,500.00	$ 10,500
9080091	CONCRETE CURB AND GUTTER	L.FT.	200.0	$ 28.00	$ 5,600
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	500.0	$ 7.00	$ 3,500
9080300	CONCRETE SIDEWALK RAMP (	EACH	6.0	$ 3,000.00	$ 18,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 250,000.00	$ 250,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 100,000.00	$ 100,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 200,000.00	$ 200,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 3,657,152**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 914,288
				SUBTOTAL WITH MISC WORK	**$ 4,571,440**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 274,286
	EROSION CONTROL	L.SUM	1	4%	$ 182,858

COST ESTIMATE

Project Description: Avenue 3 1/2 E Paving — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
26	**Existing Pavement Width (FEET)**	1.3 Miles	6,864	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	0.7 Miles	3,696	**Segment 1 Length (Feet)**
62	**Segment 2 Pavement Width (FEET)**	1.3 Miles	6,864	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 228,572
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 91,429
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 320,001
				SUBTOTAL WITH GENERAL ITEMS	**$ 5,668,586**
	MOBILIZATION	L.SUM	1	5%	$ 283,429
				SUBTOTAL WITH MOBILIZATION	**$ 5,952,015**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 892,802
	CONTINGENCIES	L.SUM	1	5%	$ 297,601
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 59,520
	NON-BID SUBTOTAL			$ 1,249,923	$ -
				CONSTRUCTION SUBTOTAL	**$ 7,201,938**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 7,201,938**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,296,349
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	
UTILITY RELOCATION		L.SUM		%	$ 200,000
RIGHT-OF-WAY		SQ.FT.			$ 300,000
				TOTAL PROJECT COST	**$ 8,998,287**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-29
32nd Street Widening

Project Name	32nd Street Widening				
Project Location	Avenue B to 32nd Street connection				
Project Length (miles)	1.65 miles				
Roadway Ownership	City of Yuma				
Base Cost	$10.5M				
Factored Cost over RTP Period	$20.7M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☒	2038-2041 ☒
Project Description	This project will widen 32nd Street from four to six lanes from Avenue B to 32nd Street connection.				

Location Map

COST ESTIMATE

Project Description: 32nd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
60	**Existing Pavement Width (FEET)**	1.5 Miles	7,920	**Existing Length (Feet)**
84	**Segment 1 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 55,000.00	$ 55,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 50,000.00	$ 50,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	13,000	$ 5.50	$ 71,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	60,000	$ 4.00	$ 240,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	880	$ 5.00	$ 4,400
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	52,800	$ 1.50	$ 15,514
2020201	SAW CUTTING	L.FT.	16,000	$ 1.00	$ 2,270
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	22,880	$ 6.00	$ 137,280
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	4,449	$ 40.00	$ 177,956
4040125	FOG COAT	TON	7.6	$ 600.00	$ 4,576
4040163	BLOTTER MATERIAL	TON	22.9	$ 40.00	$ 915
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	12,210	$ 90.00	$ 1,098,900
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 50,000.00	$ 50,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 120,000.00	$ 120,000
7330625	RELOCATE TRAFFIC SIGNALS(TYPE A)	EACH	6	$ 20,000.00	$ 120,000
8050003	SEEDING (CLASS II)	ACRE	6.0	$ 3,500.00	$ 21,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	13,000.0	$ 28.00	$ 364,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	60,000.0	$ 7.00	$ 420,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	36.0	$ 3,000.00	$ 108,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 250,000.00	$ 250,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 200,000.00	$ 200,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 600,000.00	$ 600,000
				ROADWAY SUBTOTAL	**$ 4,168,812**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 1,042,203
				SUBTOTAL WITH MISC WORK	**$ 5,211,015**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 312,661
	EROSION CONTROL	L.SUM	1	4%	$ 208,441

COST ESTIMATE

Project Description: 32nd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

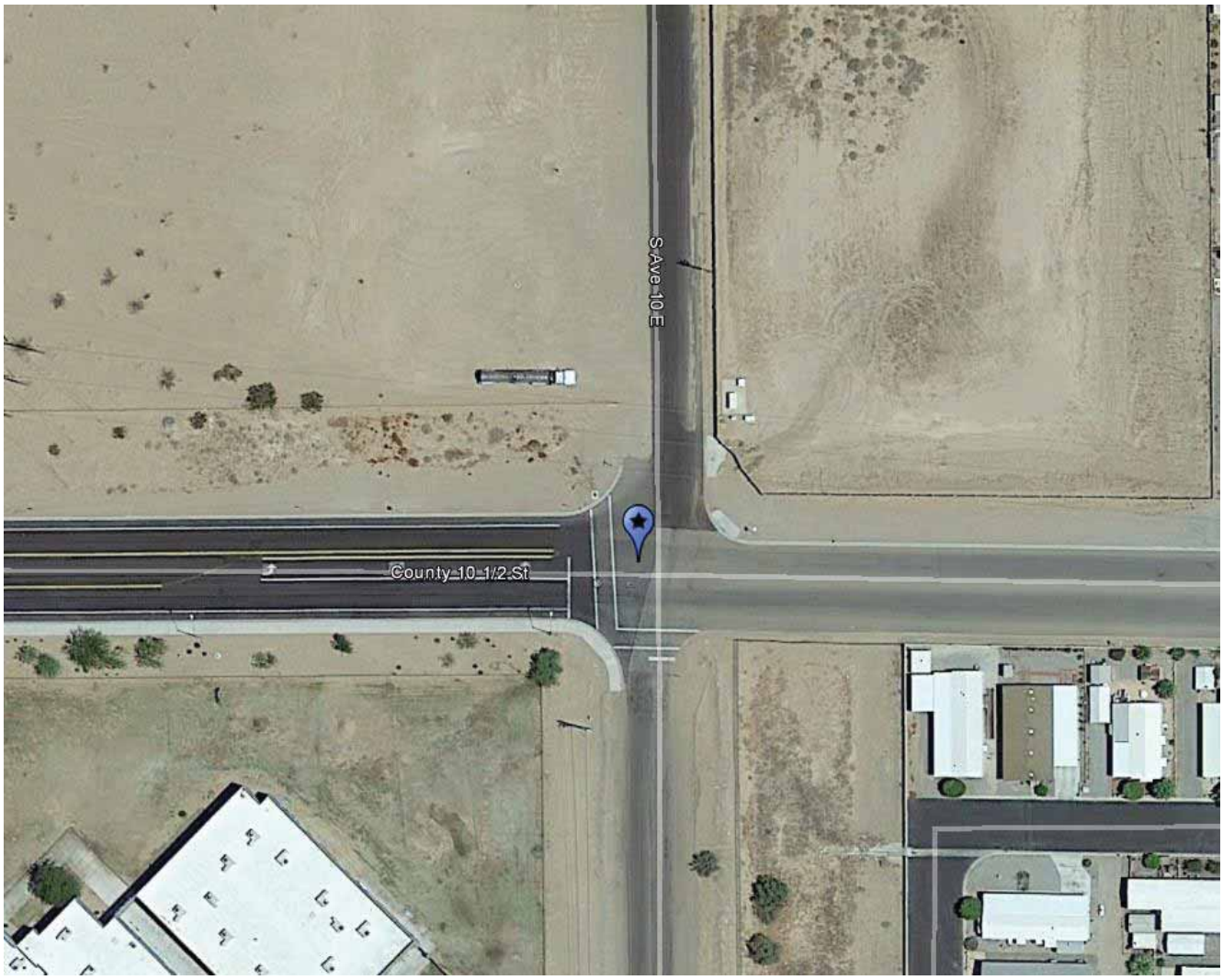
1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
60	**Existing Pavement Width (FEET)**	1.5 Miles	7,920	**Existing Length (Feet)**
84	**Segment 1 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 260,551
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 104,220
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 364,771
				SUBTOTAL WITH GENERAL ITEMS	**$ 6,461,659**
	MOBILIZATION	L.SUM	1	5%	$ 323,083
				SUBTOTAL WITH MOBILIZATION	**$ 6,784,742**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 1,017,711
	CONTINGENCIES	L.SUM	1	5%	$ 339,237
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 67,847
	NON-BID SUBTOTAL			$ 1,424,795	$ -
				CONSTRUCTION SUBTOTAL	**$ 8,209,537**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 8,209,537**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,477,717
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1	%	$ 560,000
RIGHT-OF-WAY		SQ.FT.			$ 250,000
				TOTAL PROJECT COST	**$ 10,497,254**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-23
28th Street/Avenue 10E Safety Improvements

Project Name	28th Street/Avenue 10E Safety Improvements				
Project Location	28th Street/Avenue 10E				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.35M				
Factored Cost over RTP Period	$0.6M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☐	2038-2041 ☐
Project Description	This project will provide safety improvements to 28th Street/Avenue 10E intersection. Improvements include sidewalks, lighting, asphalt reconstruction, pedestrian enhancements.				

Location Map



COST ESTIMATE

Project Description: 28th St./Avenue 10E Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
24	**Existing Pavement Sawcut Width (FEET)**	800	**Existing Length (Feet)**
24	**Segment 1 Shoulder Pavement Width (FEET)**	800	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 5,000.00	$ 5,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 1,000.00	$ 1,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	1,000	$ 5.50	$ 5,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	1,000	$ 4.00	$ 4,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	2,133	$ 7.00	$ 14,933
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 300.00	$ 300
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	2,133	$ 8.00	$ 17,067
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	415	$ 45.00	$ 18,667
4040125	FOG COAT	TON	0.7	$ 600.00	$ 427
4040163	BLOTTER MATERIAL	TON	2.1	$ 40.00	$ 85
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	592	$ 90.00	$ 53,280
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 1,200.00	$ 1,200
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 1,700.00	$ 1,700
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 1,000.00	$ 1,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 24,000.00	$ 24,000
8050003	SEEDING (CLASS II)	ACRE	0.9	$ 3,500.00	$ 2,975
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,000.0	$ 28.00	$ 28,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	3,000.0	$ 7.00	$ 21,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	4.0	$ 3,000.00	$ 12,000
				ROADWAY SUBTOTAL	**$ 151,134**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 37,783
				SUBTOTAL WITH MISC WORK	**$ 188,917**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 11,335
	EROSION CONTROL	L.SUM	1	4%	$ 7,557
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 9,446
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 3,778
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 13,224
				SUBTOTAL WITH GENERAL ITEMS	**$ 234,257**
	MOBILIZATION	L.SUM	1	8%	$ 18,741
				SUBTOTAL WITH MOBILIZATION	**$ 252,998**

COST ESTIMATE

Project Description: 28th St./Avenue 10E Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
24	**Existing Pavement Sawcut Width (FEET)**	800	**Existing Length (Feet)**
24	**Segment 1 Shoulder Pavement Width (FEET)**	800	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 37,950
	CONTINGENCIES	L.SUM	1	5%	$ 12,650
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 2,530
	NON-BID SUBTOTAL			$ 53,130	$ -
				CONSTRUCTION SUBTOTAL	**$ 306,128**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 306,128**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 55,103
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		
RIGHT-OF-WAY		SQ.FT.			
				TOTAL PROJECT COST	**$ 361,231**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-07
Avenue C/8th Street Safety Improvements

Project Name	Avenue C/8th Street Safety Improvements				
Project Location	Avenue C/8th Street				
Project Length (miles)	-				
Roadway Ownership	City of Yuma				
Base Cost	$2.0M				
Factored Cost over RTP Period	$3.8M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☒	2038-2041 ☐
Project Description	This project will provide safety improvements to Avenue C/8th Street intersection. Improvements include adding turn lanes, signal improvements and lighting.				

Location Map

COST ESTIMATE

Project Description: Avenue C/8th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 2,000.00	$ 2,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 10,000.00	$ 10,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	1,500	$ 5.00	$ 7,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	7,000	$ 4.00	$ 28,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	150	$ 7.00	$ 1,050
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 750.00	$ 750
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	2,000	$ 8.00	$ 16,000
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	389	$ 45.00	$ 17,500
4040125	FOG COAT	TON	0.7	$ 600.00	$ 400
4040163	BLOTTER MATERIAL	TON	2.0	$ 40.00	$ 80
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	555	$ 90.00	$ 49,950
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 6,000.00	$ 6,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330620	RELOCATE TRAFFIC SIGNALS	L.SUM	1	$ 90,000.00	$ 90,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 75,000.00	$ 75,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,500	$ 28.00	$ 42,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	7,000	$ 7.00	$ 49,000
9080300	CONCRETE SIDEWALK RAMP	EACH	3	$ 3,000.00	$ 9,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 40,000.00	$ 40,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 250,000.00	$ 250,000
				ROADWAY SUBTOTAL	**$ 797,230**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 199,308
				SUBTOTAL WITH MISC WORK	**$ 996,538**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 59,792
	EROSION CONTROL	L.SUM	1	4%	$ 39,862
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 49,827
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 19,931
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 69,758

COST ESTIMATE

Project Description: Avenue C/8th St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0	**Project Length (Miles)**	**0**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**		**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 1,235,708**
	MOBILIZATION	L.SUM	1	8%	$ 98,857
				SUBTOTAL WITH MOBILIZATION	**$ 1,334,565**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 200,185
	CONTINGENCIES	L.SUM	1	5%	$ 66,728
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 13,346
	NON-BID SUBTOTAL			$ 280,259	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,614,824**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,614,824**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 290,668
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 50,000
RIGHT-OF-WAY		SQ.FT.			$ 75,000
				TOTAL PROJECT COST	**$ 2,030,492**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-31
32nd Street Safety Improvements

Project Name	32nd Street Safety Improvements				
Project Location	4th Avenue to Avenue 9E				
Project Length (miles)	8.5 miles				
Roadway Ownership	City of Yuma				
Base Cost	$1.6M				
Factored Cost over RTP Period	$3.4M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☐
Project Description	This project will provide safety improvements to 32nd Street from 4th Avenue to Avenue 9E. This project is to prepare a DCR and safety study for project scoping.				

Location Map

COST ESTIMATE

Project Description: 32nd St Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5 Project Length (Miles) — **2,640 Project Length (Feet)**

Existing Pavement Width (FEET) — **Existing Length (Feet)**

Segment 1 Pavement Width (FEET) — **Segment 1 Length (Feet)**

Segment 2 Pavement Width (FEET) — **Segment 2 Length (Feet)**

Segment 3 Pavement Width (FEET) — **Segment 3 Length (Feet)**

Segment 4 Pavement Width (FEET) — **Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
9240066	MISCELLANEOUS WORK (DCR AND SAFETY STUDY)	L.SUM	1	$ 1,600,000.00	$ 1,600,000
				ROADWAY SUBTOTAL	**$ 1,600,000**
	MISCELLANEOUS WORK	L.SUM	1	0%	$ -
				SUBTOTAL WITH MISC WORK	**$ 1,600,000**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	0%	$ -
	EROSION CONTROL	L.SUM	1	0%	$ -
	CONTRACTOR QUALITY CONTROL	L.SUM	1	0%	$ -
	FURNISH WATER SUPPLY	L.SUM	1	0%	$ -
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	0%	$ -
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,600,000**
	MOBILIZATION	L.SUM	1	0%	$ -
				SUBTOTAL WITH MOBILIZATION	**$ 1,600,000**
	CONSTRUCTION ENGINEERING	L.SUM	1	0%	$ -
	CONTINGENCIES	L.SUM	1	0%	$ -
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	0%	$ -
	NON-BID SUBTOTAL			$ -	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,600,000**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,600,000**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	0%	$ -
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,600,000**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-17
16th Street Safety Improvements

Project Name	16th Street Safety Improvements				
Project Location	Alamo Drive to Engler Avenue.				
Project Length (miles)	2.6 miles				
Roadway Ownership	City of Yuma				
Base Cost	$4.3M				
Factored Cost over RTP Period	$10.2M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☒
Project Description	This project will provide safety improvements to 16th Street from Alamo Drive to Engler Avenue. Project includes shoulder improvements, lighting, access control, and evaluation of 16th Street / Engler Avenue traffic control.				

Location Map

COST ESTIMATE

Project Description: 16th St Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No:** N/A

Stage: Preliminary — **TRACS No:** N/A

Prepared By: Kimley-Horn — **Date:** September, 2016

2.6	Project Length (Miles)	13,728	Project Length (Feet)
4	Existing Shoulder Width (FEET)	13,728	Existing Length (Feet)
12	Segment 1 Shoulder Pavement Width (FEET)	13,728	Segment 1 Length (Feet)
	Segment 2 Pavement Width (FEET)		Segment 2 Length (Feet)
	Segment 3 Pavement Width (FEET)		Segment 3 Length (Feet)
	Segment 4 Pavement Width (FEET)		Segment 4 Length (Feet)

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 30,000.00	$ 30,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 15,000.00	$ 15,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	6,101	$ 7.00	$ 42,709
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	18,304	$ 8.00	$ 146,432
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	3,559	$ 45.00	$ 160,160
4040125	FOG COAT	TON	6.1	$ 600.00	$ 3,661
4040163	BLOTTER MATERIAL	TON	18.3	$ 40.00	$ 732
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	5,079	$ 90.00	$ 457,142
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 20,000.00	$ 20,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 10,000.00	$ 10,000
7360300	ROADWAY LIGHTING	L.SUM	1	$ 25,000.00	$ 25,000
8050003	SEEDING (CLASS II)	ACRE	9.5	$ 3,500.00	$ 33,250
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 580,000.00	$ 580,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 30,000.00	$ 30,000
9240134	MISCELLANEOUS WORK (TRAFFIC SIGNAL STUDY)	EACH	1	$ 50,000.00	$ 50,000
9240065	MISCELLANEOUS WORK (ACCESS CONTROL IMPROVEMENTS)	L.SUM	1	$ 150,000.00	$ 150,000
				ROADWAY SUBTOTAL	**$ 1,811,587**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 452,897
				SUBTOTAL WITH MISC WORK	**$ 2,264,484**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 135,869
	EROSION CONTROL	L.SUM	1	4%	$ 90,579
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 113,224
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 45,290
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 158,514
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,807,960**
	MOBILIZATION	L.SUM	1	8%	$ 224,637

COST ESTIMATE

Project Description: 16th St Safety Improvement — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2.6	**Project Length (Miles)**	**13,728**	**Project Length (Feet)**
4	**Existing Shoulder Width (FEET)**	13,728	**Existing Length (Feet)**
12	**Segment 1 Shoulder Pavement Width (FEET)**	13,728	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

				SUBTOTAL WITH MOBILIZATION	**$ 3,032,597**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 454,890
	CONTINGENCIES	L.SUM	1	5%	$ 151,630
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 30,326
	NON-BID SUBTOTAL			$ 636,846	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,669,443**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,669,443**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 660,500
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM	1		$ 25,000
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 4,354,943**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-41
32nd Street Widening

Project Name	32nd Street Widening				
Project Location	Avenue B to Avenue D				
Project Length (miles)	2 miles				
Roadway Ownership	City of Yuma				
Base Cost	$8M				
Factored Cost over RTP Period	$18.3M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☒
Project Description	This project will widen 32nd Street from two to three lanes from Avenue to B to Avenue D.				

Location Map

COST ESTIMATE

Project Description: 32nd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
38	**Existing Pavement Width (FEET)**	2 Miles	10,560	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	1 Miles	5,280	**Segment 1 Length (Feet)**
50	**Segment 2 Pavement Width (FEET)**	1 Miles	5,280	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 21,000.00	$ 21,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	44,587	$ 5.00	$ 222,933
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,500.00	$ 1,500
2020201	SAW CUTTING	L.FT.	1,000	$ 1.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	57,493	$ 6.00	$ 344,960
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	11,179	$ 40.00	$ 447,170
4040125	FOG COAT	TON	19.2	$ 600.00	$ 11,499
4040163	BLOTTER MATERIAL	TON	57.5	$ 40.00	$ 2,300
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	15,954	$ 90.00	$ 1,435,896
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 10,000.00	$ 10,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 25,000.00	$ 25,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 60,000.00	$ 60,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,500.0	$ 28.00	$ 42,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	7,500.0	$ 7.00	$ 52,500
9080300	CONCRETE SIDEWALK RAMP (	EACH	12.0	$ 3,000.00	$ 36,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 250,000.00	$ 250,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 80,000.00	$ 80,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 300,000.00	$ 300,000
				ROADWAY SUBTOTAL	**$ 3,462,758**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 865,690
				SUBTOTAL WITH MISC WORK	**$ 4,328,448**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 259,707
	EROSION CONTROL	L.SUM	1	4%	$ 173,138
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 216,422
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 86,569
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 302,991

COST ESTIMATE

Project Description: 32nd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
38	**Existing Pavement Width (FEET)**	2 Miles	10,560	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	1 Miles	5,280	**Segment 1 Length (Feet)**
50	**Segment 2 Pavement Width (FEET)**	1 Miles	5,280	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 5,367,275**
	MOBILIZATION	L.SUM	1	5%	$ 268,364
				SUBTOTAL WITH MOBILIZATION	**$ 5,635,639**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 845,346
	CONTINGENCIES	L.SUM	1	5%	$ 281,782
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 56,356
	NON-BID SUBTOTAL			$ 1,183,484	$ -
				CONSTRUCTION SUBTOTAL	**$ 6,819,123**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 6,819,123**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,227,442
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 8,046,565**

YMPO 2018-2041 RTP Project Information Sheet
Project M-12
40th Street. Widening

Project Name	40th Street Widening				
Project Location	Avenue 3E to Avenue 31/2 E				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma/Yuma County				
Base Cost	$2.5M				
Factored Cost over RTP Period	$3.6M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 40th Street from two/three lanes to four lanes from Avenue 3E to Avenue 3 ½ E				

Location Map

COST ESTIMATE

Project Description: 40th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**		**2,640**	**Project Length (Feet)**
42	**Existing Pavement Width (FEET)**	0.5 Miles	2,640	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	0.5 Miles	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)	1 Miles		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 15,000.00	$ 15,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	12,320	$ 5.00	$ 61,600
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	17,600	$ 6.00	$ 105,600
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	3,422	$ 40.00	$ 136,889
4040125	FOG COAT	TON	5.9	$ 600.00	$ 3,520
4040163	BLOTTER MATERIAL	TON	17.6	$ 40.00	$ 704
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	4,884	$ 90.00	$ 439,560
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 15,000.00	$ 15,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
8050003	SEEDING (CLASS II)	ACRE	2.0	$ 3,500.00	$ 7,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	500.0	$ 28.00	$ 14,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	2,500.0	$ 7.00	$ 17,500
9080300	CONCRETE SIDEWALK RAMP (	EACH	4.0	$ 3,000.00	$ 12,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 80,000.00	$ 80,000
				ROADWAY SUBTOTAL	**$ 1,020,373**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 255,093
				SUBTOTAL WITH MISC WORK	**$ 1,275,466**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 76,528
	EROSION CONTROL	L.SUM	1	4%	$ 51,019
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 63,773
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 25,509
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 89,283
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,581,578**
	MOBILIZATION	L.SUM	1	5%	$ 79,079
				SUBTOTAL WITH MOBILIZATION	**$ 1,660,657**

COST ESTIMATE

Project Description: 40th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.5	**Project Length (Miles)**		**2,640**	**Project Length (Feet)**
42	**Existing Pavement Width (FEET)**	0.5 Miles	2,640	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	0.5 Miles	2,640	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)	1 Miles		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 249,099
	CONTINGENCIES	L.SUM	1	5%	$ 83,033
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 16,607
	NON-BID SUBTOTAL			$ 348,739	$ -
				CONSTRUCTION SUBTOTAL	**$ 2,009,396**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,009,396**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 361,691
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 120,000
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 2,491,087**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-21
Co. 14th Street Paving Dirt Road

Project Name	Co. 14th Street. Paving Dirt Road				
Project Location	Avenue 7E to Avenue 10E				
Project Length (miles)	3.0 miles				
Roadway Ownership	City of Yuma				
Base Cost	$6.0M				
Factored Cost over RTP Period	$13.4M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☒
Project Description	This project will pave Co. 14th Street from Avenue 7E to Avenue 10E				

Location Map

COST ESTIMATE

Project Description: Co. 14th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	15,840	**Existing Length (Feet)**
28	**Segment 1 Pavement Width (FEET)**	1 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 35,000.00	$ 35,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	49,280	$ 6.00	$ 295,680
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	9,582	$ 40.00	$ 383,289
4040125	FOG COAT	TON	16.4	$ 600.00	$ 9,856
4040163	BLOTTER MATERIAL	TON	49.3	$ 40.00	$ 1,971
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	13,675	$ 90.00	$ 1,230,768
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 4,000.00	$ 4,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 5,000.00	$ 5,000
8050003	SEEDING (CLASS II)	ACRE	11.0	$ 3,500.00	$ 38,500
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 200,000.00	$ 200,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 200,000.00	$ 200,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 2,674,064**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 668,516
				SUBTOTAL WITH MISC WORK	**$ 3,342,580**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 200,555
	EROSION CONTROL	L.SUM	1	4%	$ 133,703
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 167,129
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 66,852
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 233,981
				SUBTOTAL WITH GENERAL ITEMS	**$ 4,144,800**
	MOBILIZATION	L.SUM	1	5%	$ 207,240
				SUBTOTAL WITH MOBILIZATION	**$ 4,352,040**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 652,806
	CONTINGENCIES	L.SUM	1	5%	$ 217,602

COST ESTIMATE

Project Description: Co. 14th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	15,840	**Existing Length (Feet)**
28	**Segment 1 Pavement Width (FEET)**	1 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 43,520
	NON-BID SUBTOTAL			$ 913,928	$ -
				CONSTRUCTION SUBTOTAL	**$ 5,265,968**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 5,265,968**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	15%	$ 789,895
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 6,055,863**

YMPO 2018-2041 RTP Project Information Sheet
Project M-4
16th Street Widening

Project Name	16th Street Widening				
Project Location	1st Avenue to Arizona Avenue				
Project Length (miles)	0.25 miles				
Roadway Ownership	City of Yuma				
Base Cost	$1.75M				
Factored Cost over RTP Period	$2.5M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen 16th Street from four to six lanes from 1st Avenue to Arizona Avenue				

Location Map

COST ESTIMATE

Project Description: 16th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.25	**Project Length (Miles)**		**1,320**	**Project Length (Feet)**
60	**Existing Pavement Width (FEET)**	0.25 Miles	660	**Existing Length (Feet)**
84	**Segment 1 Pavement Width (FEET)**	0.25 Miles	660	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 10,000.00	$ 10,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	1,500	$ 5.50	$ 8,250
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	5,000	$ 4.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	4,400	$ 5.00	$ 22,000
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	6,160	$ 6.00	$ 36,960
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	1,198	$ 40.00	$ 47,911
4040125	FOG COAT	TON	2.1	$ 600.00	$ 1,232
4040163	BLOTTER MATERIAL	TON	6.2	$ 40.00	$ 246
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	1,709	$ 90.00	$ 153,846
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 2,500.00	$ 2,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 4,000.00	$ 4,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 30,000.00	$ 30,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 30,000.00	$ 30,000
8050003	SEEDING (CLASS II)	ACRE	0.5	$ 3,500.00	$ 1,750
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,500.0	$ 28.00	$ 42,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	5,000.0	$ 7.00	$ 35,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	12.0	$ 3,000.00	$ 36,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 80,000.00	$ 80,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 697,696**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 174,424
				SUBTOTAL WITH MISC WORK	**$ 872,120**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 52,327
	EROSION CONTROL	L.SUM	1	4%	$ 34,885
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 43,606
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 17,442
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 61,048

COST ESTIMATE

Project Description: 16th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.25	**Project Length (Miles)**		**1,320**	**Project Length (Feet)**
60	**Existing Pavement Width (FEET)**	0.25 Miles	660	**Existing Length (Feet)**
84	**Segment 1 Pavement Width (FEET)**	0.25 Miles	660	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 1,081,428**
	MOBILIZATION	L.SUM	1	5%	$ 54,071
				SUBTOTAL WITH MOBILIZATION	**$ 1,135,499**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 170,325
	CONTINGENCIES	L.SUM	1	5%	$ 56,775
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 11,355
	NON-BID SUBTOTAL			$ 238,455	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,373,954**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,373,954**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 247,312
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 120,000
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,741,266**

YMPO 2018-2041 RTP Project Information Sheet
Project M-9
Gila Ridge Road Widening

Project Name	Gila Ridge Road Widening				
Project Location	Pacific Avenue to Avenue 3E				
Project Length (miles)	1.1 miles				
Roadway Ownership	City of Yuma				
Base Cost	$5.5M				
Factored Cost over RTP Period	$9.5M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen Gila Ridge Road from two to four lanes from Pacific Avenue to Avenue 3E				

Location Map

COST ESTIMATE

Project Description: Gila Ridge Road Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.1	**Project Length (Miles)**		**5,808**	**Project Length (Feet)**
27	**Existing Pavement Width (FEET)**	1.1 Miles	5,808	**Existing Length (Feet)**
51	**Segment 1 Pavement Width (FEET)**	1.1 Miles	5,808	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 25,000.00	$ 25,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	1,000	$ 5.50	$ 5,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	5,000	$ 4.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	17,424	$ 5.00	$ 87,120
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2020071	REMOVE GUARD RAIL	L.FT.	905	$ 5.00	$ 4,525
2020073	REMOVE GUARD RAIL END TERMINAL	#N/A	2	$ 300.00	$ 600
2020074	REMOVE GUARD RAIL ANCHOR ASSEMBLY	#N/A	2	$ 150.00	$ 300
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	32,912	$ 6.00	$ 197,472
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	6,400	$ 40.00	$ 255,982
4040125	FOG COAT	TON	11.0	$ 600.00	$ 6,582
4040163	BLOTTER MATERIAL	TON	32.9	$ 40.00	$ 1,316
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	9,133	$ 90.00	$ 821,977
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	8	$ 2,500.00	$ 20,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 25,000.00	$ 25,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 60,000.00	$ 60,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9050001	GUARD RAIL, W-BEAM, SINGLE FACE	L.FT.	905.0	$ 18.00	$ 16,290
9050026	GUARD RAIL TERMINAL (TANGENT TYPE)	EACH	2.0	$ 3,000.00	$ 6,000
9050036	GUARD RAIL, ANCHOR ASSEMBLY	EACH	2.0	$ 800.00	$ 1,600
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,000.0	$ 28.00	$ 28,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	5,000.0	$ 7.00	$ 35,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	8.0	$ 3,000.00	$ 24,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 160,000.00	$ 160,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 150,000.00	$ 150,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 2,222,265**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 555,566
				SUBTOTAL WITH MISC WORK	**$ 2,777,831**

COST ESTIMATE

Project Description: Gila Ridge Road Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

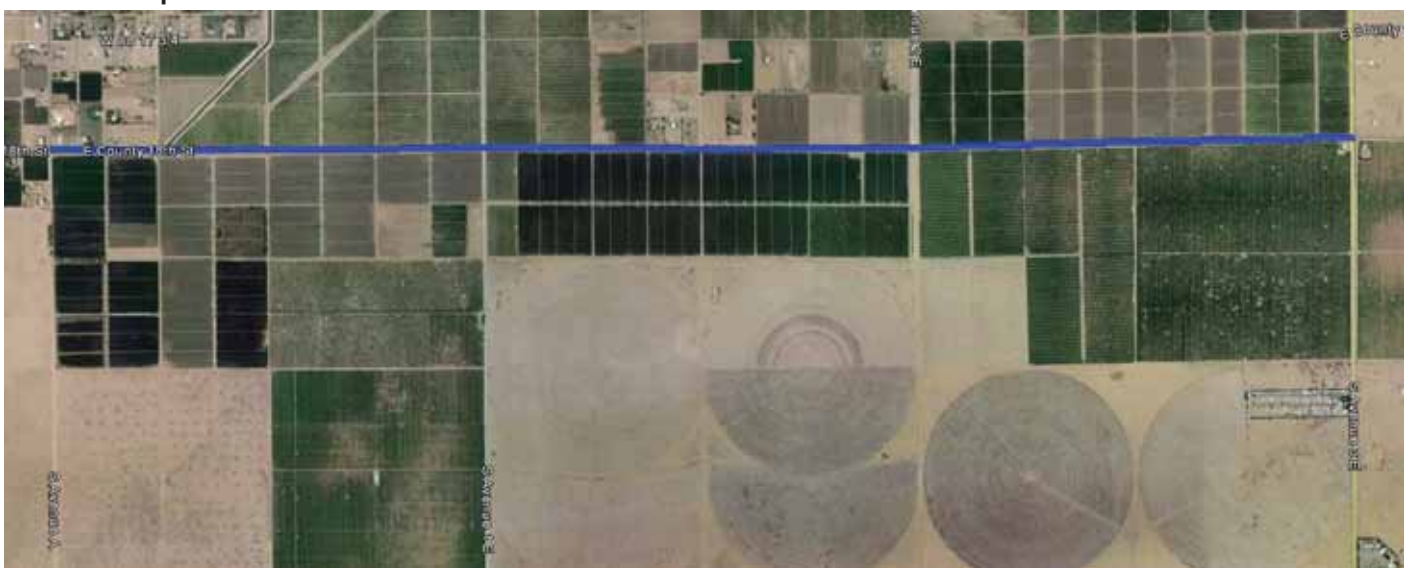
1.1	**Project Length (Miles)**		**5,808**	**Project Length (Feet)**
27	**Existing Pavement Width (FEET)**	1.1 Miles	5,808	**Existing Length (Feet)**
51	**Segment 1 Pavement Width (FEET)**	1.1 Miles	5,808	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 166,670
	EROSION CONTROL	L.SUM	1	4%	$ 111,113
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 138,892
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 55,557
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 194,448
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,444,511**
	MOBILIZATION	L.SUM	1	5%	$ 172,226
				SUBTOTAL WITH MOBILIZATION	**$ 3,616,737**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 542,511
	CONTINGENCIES	L.SUM	1	5%	$ 180,837
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 36,167
	NON-BID SUBTOTAL			$ 759,515	$ -
				CONSTRUCTION SUBTOTAL	**$ 4,376,252**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 4,376,252**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 787,725
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 150,000
RIGHT-OF-WAY		SQ.FT.			$ 150,000
				TOTAL PROJECT COST	**$ 5,463,977**

YMPO 2018-2041 RTP Project Information Sheet
Project SL-09
Co. 18th Street Paving Dirt Road

Project Name	Co. 18th Street Paving Dirt Road				
Project Location	Avenue 3E to Avenue A				
Project Length (miles)	3 miles				
Roadway Ownership	Yuma County				
Base Cost	$1.2M (*$4M*)				
Factored Cost over RTP Period	$1.2M (*$4M*)				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave Co. 18th Street from Avenue 3E to Avenue A.				

Location Map



COST ESTIMATE

Project Description: Co. 18th Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	3 Miles	15,840	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	3 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 33,000.00	$ 33,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	42,240	$ 6.00	$ 253,440
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	8,213	$ 40.00	$ 328,533
4040125	FOG COAT	TON	14.1	$ 600.00	$ 8,448
4040163	BLOTTER MATERIAL	TON	42.2	$ 40.00	$ 1,690
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	11,722	$ 90.00	$ 1,054,944
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	11.0	$ 3,500.00	$ 38,500
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 30,000.00	$ 30,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 1,854,555**
	MISCELLANEOUS WORK	L.SUM	1	15%	$ 278,183
				SUBTOTAL WITH MISC WORK	**$ 2,132,738**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 127,964
	EROSION CONTROL	L.SUM	1	4%	$ 85,310
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 106,637
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 42,655
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 149,292
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,644,596**
	MOBILIZATION	L.SUM	1	8%	$ 211,568
				SUBTOTAL WITH MOBILIZATION	**$ 2,856,164**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 428,425
	CONTINGENCIES	L.SUM	1	5%	$ 142,808
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 28,562

COST ESTIMATE

Project Description: Co. 18th Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	3 Miles	15,840	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	3 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	NON-BID SUBTOTAL			$ 599,795	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,455,959**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,455,959**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 622,073
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 4,078,032**

YMPO 2018-2041 RTP Project Information Sheet
Project SO-02
Co. 15th Street Paving Dirt Road

Project Name	Co. 15th Street Paving Dirt Road				
Project Location	Avenue G to Avenue F				
Project Length (miles)	1 miles				
Roadway Ownership	City of Yuma/ Cocopah Indian Tribe				
Base Cost	$0.5M (*$1.5M*)				
Factored Cost over RTP Period	$0.5M (*$1.5M*)				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave Co. 15th Street from Avenue G to Avenue F.				

Location Map

COST ESTIMATE

Project Description: Co. 15th Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	5,280	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	1 Miles	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 10,000.00	$ 10,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 300.00	$ 300
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	14,080	$ 6.00	$ 84,480
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,738	$ 40.00	$ 109,511
4040125	FOG COAT	TON	4.7	$ 600.00	$ 2,816
4040163	BLOTTER MATERIAL	TON	14.1	$ 40.00	$ 563
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	3,907	$ 90.00	$ 351,648
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 15,000.00	$ 15,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	3.7	$ 3,500.00	$ 12,950
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 10,000.00	$ 10,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 657,268**
	MISCELLANEOUS WORK	L.SUM	1	15%	$ 98,590
				SUBTOTAL WITH MISC WORK	**$ 755,858**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 45,351
	EROSION CONTROL	L.SUM	1	4%	$ 30,234
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 37,793
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 15,117
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 52,910
				SUBTOTAL WITH GENERAL ITEMS	**$ 937,263**
	MOBILIZATION	L.SUM	1	8%	$ 74,981
				SUBTOTAL WITH MOBILIZATION	**$ 1,012,244**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 151,837
	CONTINGENCIES	L.SUM	1	5%	$ 50,612
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 10,122

COST ESTIMATE

Project Description: Co. 15th Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

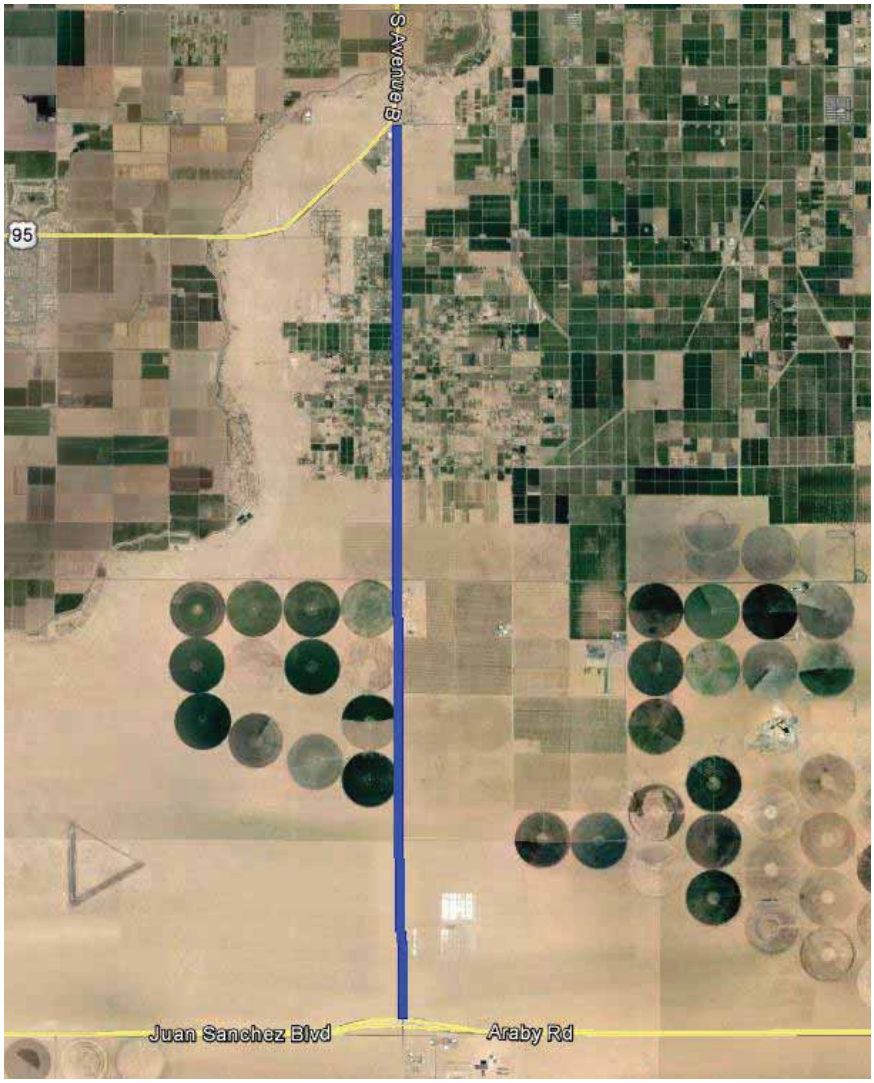
1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	5,280	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	1 Miles	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	NON-BID SUBTOTAL			$ 212,571	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,224,815**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,224,815**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 220,467
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,445,282**

YMPO 2018-2041 RTP Project Information Sheet
Project SL-08
Avenue B Widening

Project Name	Avenue B Widening				
Project Location	County 15th Street to SR 195				
Project Length (miles)	8.0 miles				
Roadway Ownership	Yuma County/ City of San Luis				
Base Cost	$37.8M				
Factored Cost over RTP Period	$89.1M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen Avenue B from two to four lanes from Co. 15th Street to SR 195.				

Location Map



COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

8	**Project Length (Miles)**		**42,240**	**Project Length (Feet)**
38	**Existing Pavement Width (FEET)**	1 Mile	42,240	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	1 Mile	42,240	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 200,000.00	$ 200,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 50,000.00	$ 50,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	178,347	$ 5.00	$ 891,733
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 3,000.00	$ 3,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	281,600	$ 8.00	$ 2,252,800
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	54,756	$ 45.00	$ 2,464,000
4040125	FOG COAT	TON	93.9	$ 600.00	$ 56,320
4040163	BLOTTER MATERIAL	TON	281.6	$ 40.00	$ 11,264
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	78,144	$ 90.00	$ 7,032,960
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 15,000.00	$ 15,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 200,000.00	$ 200,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 750,000.00	$ 750,000
8050003	SEEDING (CLASS II)	ACRE	30.0	$ 3,500.00	$ 105,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 800,000.00	$ 800,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 200,000.00	$ 200,000
9240055	MISCELLANEOUS WORK (ROADSIDE DITCH)	L.SUM	1	$ 350,000.00	$ 350,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 15,782,077**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 3,945,519
				SUBTOTAL WITH MISC WORK	**$ 19,727,596**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 1,183,656
	EROSION CONTROL	L.SUM	1	4%	$ 789,104
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 986,380
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 394,552
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 1,380,932
				SUBTOTAL WITH GENERAL ITEMS	**$ 24,462,220**
	MOBILIZATION	L.SUM	1	8%	$ 1,956,978
				SUBTOTAL WITH MOBILIZATION	**$ 26,419,198**

COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

8	**Project Length (Miles)**		**42,240**	**Project Length (Feet)**
38	**Existing Pavement Width (FEET)**	1 Mile	42,240	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	1 Mile	42,240	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 3,962,880
	CONTINGENCIES	L.SUM	1	5%	$ 1,320,960
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 264,192
	NON-BID SUBTOTAL			$ 5,548,032	$ -
				CONSTRUCTION SUBTOTAL	**$ 31,967,230**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 31,967,230**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 5,754,101
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 37,721,331**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-15
Co. 12th Street Widening

Project Name	Co. 12th Street Widening				
Project Location	Fortuna Road to Avenue 12E				
Project Length (miles)	1.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$5.0M				
Factored Cost over RTP Period	$7.1M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen Co. 12th Street from two to four lanes from Fortuna Road to Avenue 12E				

Location Map

COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
28	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
64	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 21,000.00	$ 21,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	1,000	$ 5.50	$ 5,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	5,000	$ 4.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	16,427	$ 5.00	$ 82,133
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	37,547	$ 8.00	$ 300,373
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	7,301	$ 45.00	$ 328,533
4040125	FOG COAT	TON	12.5	$ 600.00	$ 7,509
4040163	BLOTTER MATERIAL	TON	37.5	$ 40.00	$ 1,502
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	10,419	$ 90.00	$ 937,728
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 4,000.00	$ 4,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 25,000.00	$ 25,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9080091	CONCRETE CURB AND GUTTER	L.FT.	1,000.0	$ 28.00	$ 28,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	5,000.0	$ 7.00	$ 35,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	6.0	$ 3,000.00	$ 18,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 80,000.00	$ 80,000
9240055	MISCELLANEOUS WORK (ROADSIDE DITCH)	L.SUM	1	$ 45,000.00	$ 45,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 2,124,279**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 531,070
				SUBTOTAL WITH MISC WORK	**$ 2,655,349**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 159,321
	EROSION CONTROL	L.SUM	1	4%	$ 106,214
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 132,767
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 53,107
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 185,874

COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
28	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
64	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 3,292,632**
	MOBILIZATION	L.SUM	1	8%	$ 263,411
				SUBTOTAL WITH MOBILIZATION	**$ 3,556,043**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 533,406
	CONTINGENCIES	L.SUM	1	5%	$ 177,802
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 35,560
	NON-BID SUBTOTAL			$ 746,768	$ -
				CONSTRUCTION SUBTOTAL	**$ 4,302,811**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 4,302,811**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 774,506
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 5,077,317**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-17
County 12th Street Road Extension

Project Name	County 12th Street Road Extension				
Project Location	Foothills Boulevard to Avenue 15E				
Project Length (miles)	2 miles				
Roadway Ownership	Yuma County				
Base Cost	$3M (*$6.7M*)				
Factored Cost over RTP Period	$4.3M (*$9.5M*)				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen County 12th Street from two to four lanes from Foothills Boulevard to Avenue 15E				

Location Map

COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	0.7 Mile	3,696	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	2 Mile	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 15,000.00	$ 15,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	9,856	$ 5.00	$ 49,280
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	9,856	$ 1.50	$ 15,514
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	46,464	$ 8.00	$ 371,712
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	9,035	$ 45.00	$ 406,560
4040125	FOG COAT	TON	15.5	$ 600.00	$ 9,293
4040163	BLOTTER MATERIAL	TON	46.5	$ 40.00	$ 1,859
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	13,988	$ 90.00	$ 1,258,900
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 7,500.00	$ 7,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 50,000.00	$ 50,000
8050003	SEEDING (CLASS II)	ACRE	7.5	$ 3,500.00	$ 26,250
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 120,000.00	$ 120,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 400,000.00	$ 400,000
9240056	MISCELLANEOUS WORK (EXTEND MAJOR DRAINAGE STRUCTURES)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 2,797,868**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 699,467
				SUBTOTAL WITH MISC WORK	**$ 3,497,335**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 209,840
	EROSION CONTROL	L.SUM	1	4%	$ 139,893
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 174,867
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 69,947
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 244,813
				SUBTOTAL WITH GENERAL ITEMS	**$ 4,336,695**
	MOBILIZATION	L.SUM	1	8%	$ 346,936
				SUBTOTAL WITH MOBILIZATION	**$ 4,683,631**

COST ESTIMATE

Project Description: Co. 12th Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

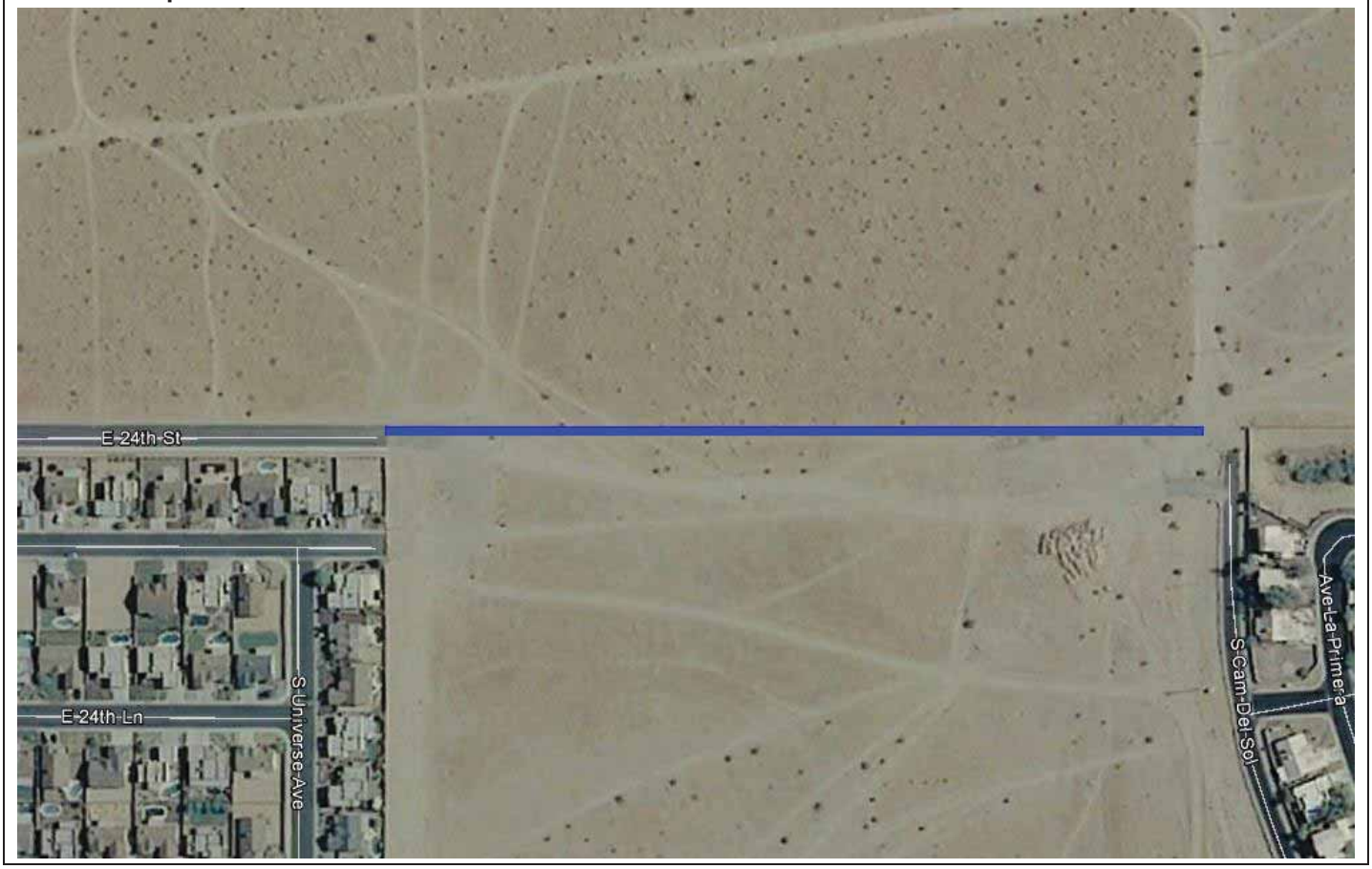
2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	0.7 Mile	3,696	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	2 Mile	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 702,545
	CONTINGENCIES	L.SUM	1	5%	$ 234,182
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 46,836
	NON-BID SUBTOTAL			$ 983,563	$ -
				CONSTRUCTION SUBTOTAL	**$ 5,667,194**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 5,667,194**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,020,095
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 6,687,289**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-09
24th Street Paving Dirt Road

Project Name	24th Street Paving Dirt Road				
Project Location	Universe Avenue to Camino del Sol				
Project Length (miles)	0.25 miles				
Roadway Ownership	Yuma County				
Base Cost	$1M				
Factored Cost over RTP Period	$1.7M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave 24th Street from Universe Avenue to Camino del Sol.				

Location Map



COST ESTIMATE

Project Description: 24 St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.25	**Project Length (Miles)**		**1,320**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	1,320	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	1 Miles	1,320	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 3,000.00	$ 3,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	5,280	$ 6.00	$ 31,680
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	1,027	$ 40.00	$ 41,067
4040125	FOG COAT	TON	1.8	$ 600.00	$ 1,056
4040163	BLOTTER MATERIAL	TON	5.3	$ 40.00	$ 211
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	1,465	$ 90.00	$ 131,868
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 4,000.00	$ 4,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	1.0	$ 3,500.00	$ 3,500
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 346,382**
	MISCELLANEOUS WORK	L.SUM	1	15%	$ 51,957
				SUBTOTAL WITH MISC WORK	**$ 398,339**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	4%	$ 15,934
	EROSION CONTROL	L.SUM	1	2%	$ 7,967
	CONTRACTOR QUALITY CONTROL	L.SUM	1	3%	$ 11,950
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 7,967
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	5%	$ 19,917
				SUBTOTAL WITH GENERAL ITEMS	**$ 462,074**
	MOBILIZATION	L.SUM	1	5%	$ 23,104
				SUBTOTAL WITH MOBILIZATION	**$ 485,178**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 72,777
	CONTINGENCIES	L.SUM	1	5%	$ 24,259
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 4,852

COST ESTIMATE

Project Description: 24 St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

0.25	**Project Length (Miles)**		**1,320**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	1,320	**Existing Length (Feet)**
36	**Segment 1 Pavement Width (FEET)**	1 Miles	1,320	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	NON-BID SUBTOTAL			$ 101,888	$ -
				CONSTRUCTION SUBTOTAL	**$ 587,066**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 587,066**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	15%	$ 88,060
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ 250,000
				TOTAL PROJECT COST	**$ 925,126**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-19
Foothills Boulevard Widening

Project Name	Foothills Boulevard Widening				
Project Location	County 13th Street. to County 14th Street				
Project Length (miles)	1.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$5M				
Factored Cost over RTP Period	$8.7M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen Foothills Boulevard from two to four lanes from County 13th Street to County 14th Street				

Location Map

COST ESTIMATE

Project Description: Foothills Blvd Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	0.75 Mile	3,960	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	0.75 Mile	3,960	**Segment 1 Length (Feet)**
48	**Segment 2 Pavement Width (FEET)**	0.25 Mile	1320	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	10,560	$ 5.00	$ 52,800
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 2,500.00	$ 2,500
2020043	REMOVAL OF CONCRETE HEADER	L.FT.	1,700	$ 3.00	$ 5,100
2020154	REMOVE (CONCRETE CANAL)	L.SUM	1	$ 60,000.00	$ 60,000
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	7,040	$ 1.50	$ 15,514
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	21,120	$ 8.00	$ 168,960
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	4,107	$ 45.00	$ 184,800
4040125	FOG COAT	TON	7.0	$ 600.00	$ 4,224
4040163	BLOTTER MATERIAL	TON	21.1	$ 40.00	$ 845
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	6,642	$ 90.00	$ 597,802
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 10,000.00	$ 10,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 22,000.00	$ 22,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
8050003	SEEDING (CLASS II)	ACRE	3.7	$ 3,500.00	$ 12,950
9080401	CONCRETE HEADER	L.FT.	1,700.0	$ 25.00	$ 42,500
9080915	CONCRETE CANAL	L.FT.	4,000.0	$ 60.00	$ 240,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 320,000.00	$ 320,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 1,979,995**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 494,999
				SUBTOTAL WITH MISC WORK	**$ 2,474,994**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 148,500
	EROSION CONTROL	L.SUM	1	4%	$ 99,000
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 123,750
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 49,500
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 173,250
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,068,994**

COST ESTIMATE

Project Description: Foothills Blvd Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

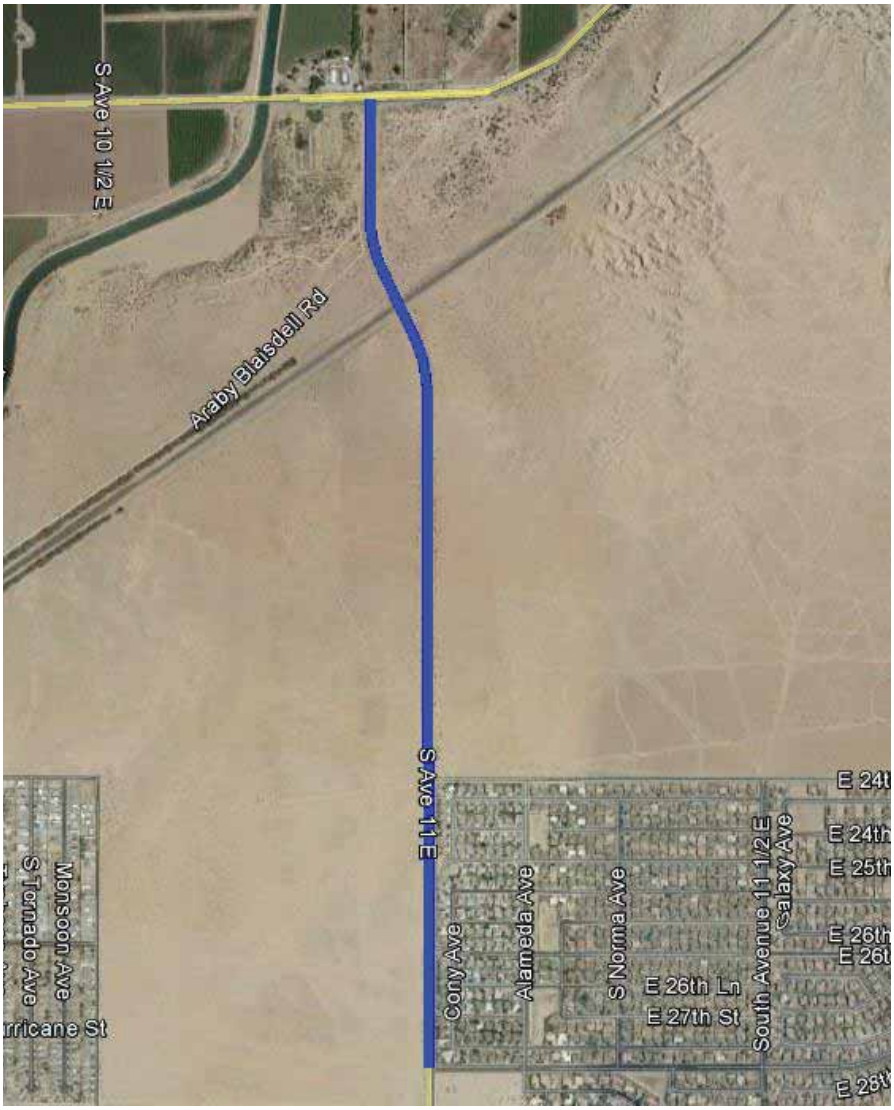
1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	0.75 Mile	3,960	**Existing Length (Feet)**
48	**Segment 1 Pavement Width (FEET)**	0.75 Mile	3,960	**Segment 1 Length (Feet)**
48	**Segment 2 Pavement Width (FEET)**	0.25 Mile	1320	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	MOBILIZATION	L.SUM	1	8%	$ 245,520
				SUBTOTAL WITH MOBILIZATION	**$ 3,314,514**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 497,177
	CONTINGENCIES	L.SUM	1	5%	$ 165,726
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 33,145
	NON-BID SUBTOTAL			$ 696,048	$ -
				CONSTRUCTION SUBTOTAL	**$ 4,010,562**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 4,010,562**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 721,901
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 300,000
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 5,032,463**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-08
Fortuna Road Widening

Project Name	Fortuna Road Widening				
Project Location	US 95 to 28th Street				
Project Length (miles)	1.5 miles				
Roadway Ownership	Yuma County				
Base Cost	$6M				
Factored Cost over RTP Period	$11.2M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☒	2033-2037 ☒	2038-2041 ☐
Project Description	This project will widen Fortuna Road from two to four lanes from US 95 to 28th Street				

Location Map



COST ESTIMATE

Project Description: Fortuna Rd Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
36	**Existing Pavement Width (FEET)**	1.07 Miles	5,650	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	1.07 Miles	5,650	**Segment 1 Length (Feet)**
13	**Segment 2 Pavement Width (FEET)**	0.43 Miles	2270.4	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 20,000.00	$ 20,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	22,598	$ 5.00	$ 112,992
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2020043	REMOVAL OF CONCRETE HEADER	#N/A	1,700	$ 3.00	$ 5,100
2020071	REMOVE GUARD RAIL	L.FT.	2,300	$ 5.00	$ 11,500
2020073	REMOVE GUARD RAIL END TERMINAL	#N/A	2	$ 300.00	$ 600
2020074	REMOVE GUARD RAIL ANCHOR ASSEMBLY	#N/A	2	$ 150.00	$ 300
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	10,343	$ 1.50	$ 15,514
2020153	REMOVE (DRAINAGE STRUCTURES)	L.SUM	1	$ 60,000.00	$ 60,000
2020201	SAW CUTTING	L.FT.	2,270	$ 1.00	$ 2,270
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	40,943	$ 8.00	$ 327,548
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	7,961	$ 45.00	$ 358,255
4040125	FOG COAT	TON	13.6	$ 600.00	$ 8,189
4040163	BLOTTER MATERIAL	TON	40.9	$ 40.00	$ 1,638
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	12,510	$ 90.00	$ 1,125,889
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 5,000.00	$ 5,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 23,000.00	$ 23,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9050001	GUARD RAIL, W-BEAM, SINGLE FACE	L.FT.	2,300.0	$ 18.00	$ 41,400
9050026	GUARD RAIL TERMINAL (TANGENT TYPE)	EACH	2.0	$ 3,000.00	$ 6,000
9050036	GUARD RAIL, ANCHOR ASSEMBLY	EACH	2.0	$ 800.00	$ 1,600
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 40,000.00	$ 40,000
9240300	RAILROAD PERSONNEL,PROTECTIVE DEVICES & PRIVATE CROSSINGS	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 2,401,795**
	MISCELLANEOUS WORK	L.SUM	1	30%	$ 720,539
				SUBTOTAL WITH MISC WORK	**$ 3,122,334**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 187,340

COST ESTIMATE

Project Description: Fortuna Rd Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
36	**Existing Pavement Width (FEET)**	1.07 Miles	5,650	**Existing Length (Feet)**
60	**Segment 1 Pavement Width (FEET)**	1.07 Miles	5,650	**Segment 1 Length (Feet)**
13	**Segment 2 Pavement Width (FEET)**	0.43 Miles	2270.4	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	EROSION CONTROL	L.SUM	1	4%	$ 124,893
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 156,117
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 62,447
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 218,563
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,871,694**
	MOBILIZATION	L.SUM	1	8%	$ 309,736
				SUBTOTAL WITH MOBILIZATION	**$ 4,181,430**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 627,215
	CONTINGENCIES	L.SUM	1	5%	$ 209,072
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 41,814
	NON-BID SUBTOTAL			$ 878,101	$ -
				CONSTRUCTION SUBTOTAL	**$ 5,059,531**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 5,059,531**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 910,716
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 5,970,247**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-03
Avenue B Safety Improvements

Project Name	Avenue B Safety Improvements				
Project Location	1st Street to 5th Street				
Project Length (miles)	0.5 miles				
Roadway Ownership	City of Yuma/Yuma County				
Base Cost	$0.5M				
Factored Cost over RTP Period	$1.1M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☐
Project Description	This project provides safety improvements to Avenue B from 1st Street to 5th Street.				

Location Map

COST ESTIMATE

Project Description: 24th Street Safety Improvements — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

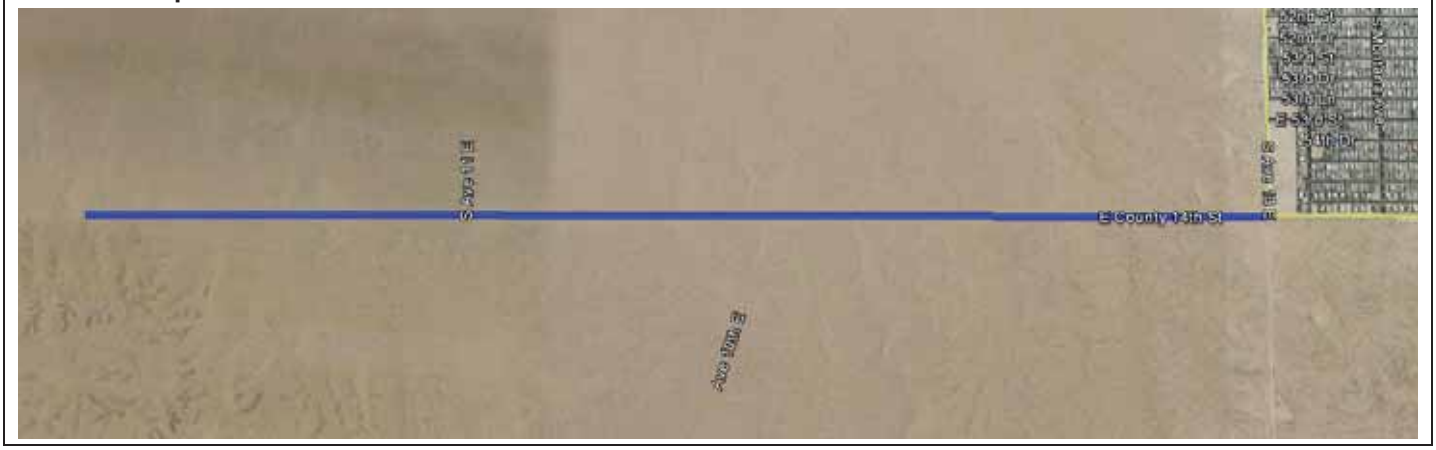
0.5	**Project Length (Miles)**	**2,640**	**Project Length (Feet)**
60	**Existing Pavement Width (FEET)**	2,640	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 6,000.00	$ 6,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 8,000.00	$ 8,000
9240063	MISCELLANEOUS WORK (SAFETY IMPROVEMENTS)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 214,000**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 53,500
				SUBTOTAL WITH MISC WORK	**$ 267,500**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 16,050
	EROSION CONTROL	L.SUM	1	4%	$ 10,700
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 13,375
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 5,350
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 18,725
				SUBTOTAL WITH GENERAL ITEMS	**$ 331,700**
	MOBILIZATION	L.SUM	1	8%	$ 26,536
				SUBTOTAL WITH MOBILIZATION	**$ 358,236**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 53,735
	CONTINGENCIES	L.SUM	1	5%	$ 17,912
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 3,582
	NON-BID SUBTOTAL			$ 75,229	$ -
				CONSTRUCTION SUBTOTAL	**$ 433,465**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 433,465**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 78,024
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 511,489**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-22
County 14th Street Paving Dirt Road

Project Name	Co. 14th Street. Paving Dirt Road				
Project Location	Avenue. 10E to Avenue. 13E				
Project Length (miles)	3.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$6M				
Factored Cost over RTP Period	$12.6M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☐
Project Description	This project will pave Co. 14th Street from Avenue 10E to Avenue 13E				

Location Map



COST ESTIMATE

Project Description: Co. 14th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	15,840	**Existing Length (Feet)**
32	**Segment 1 Pavement Width (FEET)**	1 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 35,000.00	$ 35,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	56,320	$ 6.00	$ 337,920
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	10,951	$ 40.00	$ 438,044
4040125	FOG COAT	TON	18.8	$ 600.00	$ 11,264
4040163	BLOTTER MATERIAL	TON	56.3	$ 40.00	$ 2,253
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	15,629	$ 90.00	$ 1,406,592
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 4,000.00	$ 4,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 5,000.00	$ 5,000
8050003	SEEDING (CLASS II)	ACRE	11.0	$ 3,500.00	$ 38,500
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 200,000.00	$ 200,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 20,000.00	$ 20,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 2,648,573**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 662,143
				SUBTOTAL WITH MISC WORK	**$ 3,310,716**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 198,643
	EROSION CONTROL	L.SUM	1	4%	$ 132,429
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 165,536
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 66,214
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 231,750
				SUBTOTAL WITH GENERAL ITEMS	**$ 4,105,288**
	MOBILIZATION	L.SUM	1	5%	$ 205,264
				SUBTOTAL WITH MOBILIZATION	**$ 4,310,552**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 646,583
	CONTINGENCIES	L.SUM	1	5%	$ 215,528
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 43,106

COST ESTIMATE

Project Description: Co. 14th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**		**15,840**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	15,840	**Existing Length (Feet)**
32	**Segment 1 Pavement Width (FEET)**	1 Miles	15,840	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	NON-BID SUBTOTAL			$ 905,217	$ -
				CONSTRUCTION SUBTOTAL	**$ 5,215,769**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 5,215,769**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	15%	$ 782,365
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 5,998,134**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-10
24th Street Paving Dirt Road

Project Name	24th Street Paving Dirt Road				
Project Location	Camino del Sol to Foothills Boulevard				
Project Length (miles)	1.3 miles				
Roadway Ownership	Yuma County				
Base Cost	$2.6M				
Factored Cost over RTP Period	$5.5M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☒	2038-2041 ☐
Project Description	This project will pave 24th Street from Camino del Sol to Foothills Boulevard				

Location Map

COST ESTIMATE

Project Description: 24th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.3	**Project Length (Miles)**		**6,864**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	6,864	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	1 Miles	6,864	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 15,000.00	$ 15,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	18,304	$ 6.00	$ 109,824
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	3,559	$ 40.00	$ 142,364
4040125	FOG COAT	TON	6.1	$ 600.00	$ 3,661
4040163	BLOTTER MATERIAL	TON	18.3	$ 40.00	$ 732
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	5,079	$ 90.00	$ 457,142
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 2,500.00	$ 2,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 19,000.00	$ 19,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	5.0	$ 3,500.00	$ 17,500
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 10,000.00	$ 10,000
9240056	MISCELLANEOUS WORK (EXTEND MAJOR DRAINAGE STRUCTURES)	L.SUM	1	$ 400,000.00	$ 400,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 1,234,724**
	MISCELLANEOUS WORK	L.SUM	1	20%	$ 246,945
				SUBTOTAL WITH MISC WORK	**$ 1,481,669**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	5%	$ 74,083
	EROSION CONTROL	L.SUM	1	4%	$ 59,267
	CONTRACTOR QUALITY CONTROL	L.SUM	1	4%	$ 59,267
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 29,633
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	5%	$ 74,083
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,778,002**
	MOBILIZATION	L.SUM	1	5%	$ 88,900
				SUBTOTAL WITH MOBILIZATION	**$ 1,866,902**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 280,035
	CONTINGENCIES	L.SUM	1	5%	$ 93,345
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 18,669

COST ESTIMATE

Project Description: 24th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.3	**Project Length (Miles)**		**6,864**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	6,864	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	1 Miles	6,864	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	NON-BID SUBTOTAL			$ 392,049	$ -
				CONSTRUCTION SUBTOTAL	**$ 2,258,951**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,258,951**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	15%	$ 338,843
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 2,597,794**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-18
Co. 13th Street Paving Dirt Road

Project Name	Co. 13th Street Paving Dirt Road				
Project Location	Fortuna Road to Hunter Avenue				
Project Length (miles)	1.5 miles				
Roadway Ownership	Yuma County				
Base Cost	$3.0M				
Factored Cost over RTP Period	$7.4M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☒
Project Description	This project will pave County 13th Street from Fortuna Road to Hunter Avenue				

Location Map

COST ESTIMATE

Project Description: Co. 13th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	6,864	**Existing Length (Feet)**
28	**Segment 1 Pavement Width (FEET)**	1 Miles	6,864	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 15,000.00	$ 15,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	21,355	$ 6.00	$ 128,128
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	4,152	$ 40.00	$ 166,092
4040125	FOG COAT	TON	7.1	$ 600.00	$ 4,271
4040163	BLOTTER MATERIAL	TON	21.4	$ 40.00	$ 854
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	5,926	$ 90.00	$ 533,333
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 2,500.00	$ 2,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 19,000.00	$ 19,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	5.0	$ 3,500.00	$ 17,500
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 10,000.00	$ 10,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 1,303,678**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 325,919
				SUBTOTAL WITH MISC WORK	**$ 1,629,597**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 97,776
	EROSION CONTROL	L.SUM	1	4%	$ 65,184
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 81,480
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 32,592
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 114,072
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,020,701**
	MOBILIZATION	L.SUM	1	5%	$ 101,035
				SUBTOTAL WITH MOBILIZATION	**$ 2,121,736**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 318,260
	CONTINGENCIES	L.SUM	1	5%	$ 106,087
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 21,217
	NON-BID SUBTOTAL			$ 445,564	$ -

COST ESTIMATE

Project Description: Co. 13th St. Paving Dirt Road — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	1 Miles	6,864	**Existing Length (Feet)**
28	**Segment 1 Pavement Width (FEET)**	1 Miles	6,864	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

				CONSTRUCTION SUBTOTAL	**$ 2,567,300**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 2,567,300**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	15%	$ 385,095
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 2,952,395**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-20
Avenue 15E Widening

Project Name	Avenue 15E Widening				
Project Location	S. Frontage Road to County 14th Street.				
Project Length (miles)	2.5 miles				
Roadway Ownership	City of Yuma/Yuma County				
Base Cost	$12.5M				
Factored Cost over RTP Period	$30.8M				
RTP Period	2018-2022 ☐	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☒
Project Description	This project will widen Avenue 15E from two to four lanes from S. Frontage Road to County 14th Street				

Location Map

COST ESTIMATE

Project Description: Ave. 15E Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2.3	**Project Length (Miles)**		**12,144**	**Project Length (Feet)**
27	**Existing Pavement Width (FEET)**	2.3 Miles	12,144	**Existing Length (Feet)**
63	**Segment 1 Pavement Width (FEET)**	2.3 Miles	12,144	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 50,000.00	$ 50,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	36,432	$ 5.00	$ 182,160
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	85,008	$ 8.00	$ 680,064
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	16,529	$ 45.00	$ 743,820
4040125	FOG COAT	TON	28.3	$ 600.00	$ 17,002
4040163	BLOTTER MATERIAL	TON	85.0	$ 40.00	$ 3,400
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	23,590	$ 90.00	$ 2,123,075
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 7,500.00	$ 7,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 50,000.00	$ 50,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 30,000.00	$ 30,000
8050003	SEEDING (CLASS II)	ACRE	8.5	$ 3,500.00	$ 29,750
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 200,000.00	$ 200,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 300,000.00	$ 300,000
9240056	MISCELLANEOUS WORK (EXTEND MAJOR DRAINAGE STRUCTURES)	L.SUM	1	$ 800,000.00	$ 800,000
				ROADWAY SUBTOTAL	**$ 5,237,771**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 1,309,443
				SUBTOTAL WITH MISC WORK	**$ 6,547,214**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 392,833
	EROSION CONTROL	L.SUM	1	4%	$ 261,889
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 327,361
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 130,944
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 458,305
				SUBTOTAL WITH GENERAL ITEMS	**$ 8,118,546**
	MOBILIZATION	L.SUM	1	8%	$ 649,484
				SUBTOTAL WITH MOBILIZATION	**$ 8,768,030**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 1,315,204

COST ESTIMATE

Project Description: Ave. 15E Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

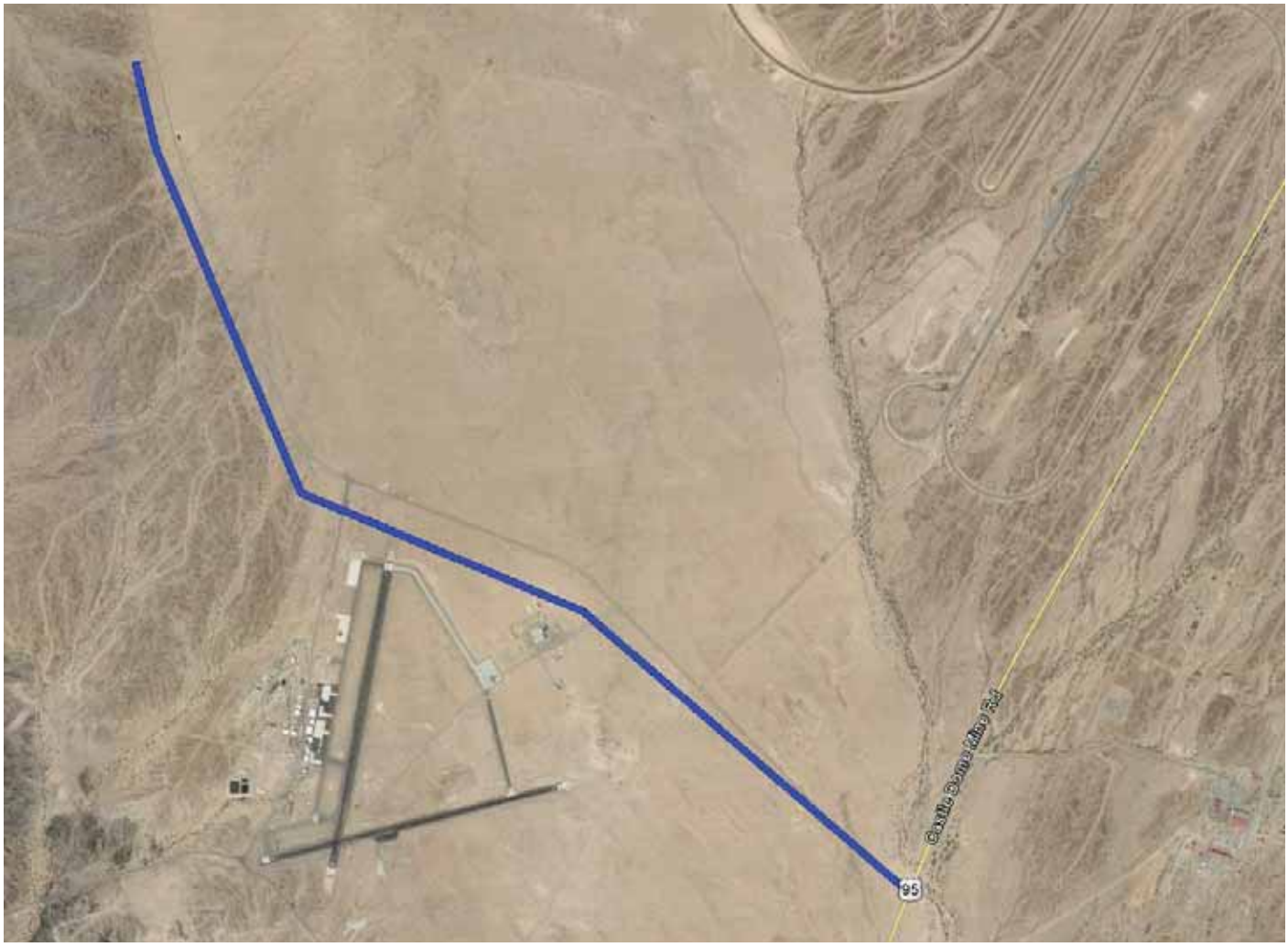
2.3	**Project Length (Miles)**		**12,144**	**Project Length (Feet)**
27	**Existing Pavement Width (FEET)**	2.3 Miles	12,144	**Existing Length (Feet)**
63	**Segment 1 Pavement Width (FEET)**	2.3 Miles	12,144	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONTINGENCIES	L.SUM	1	5%	$ 438,401
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 87,680
	NON-BID SUBTOTAL			$ 1,841,285	$ -
				CONSTRUCTION SUBTOTAL	**$ 10,609,315**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 10,609,315**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 1,909,677
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 12,518,992**

YMPO 2018-2041 RTP Project Information Sheet
Project FH-24
Martinez Lake Road overlay

Project Name	Martinez Lake Road overlay				
Project Location	US 95 to MP 4.3				
Project Length (miles)	4.3 miles				
Roadway Ownership	City of Yuma				
Base Cost	$0.5M (*$1.8M*)				
Factored Cost over RTP Period	$0.5M (*$1.8M*)				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will overlay Martinez Lake Road from US 95 to MP 4.3				

Location Map



COST ESTIMATE

Project Description: Martinez Lake Overlay — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

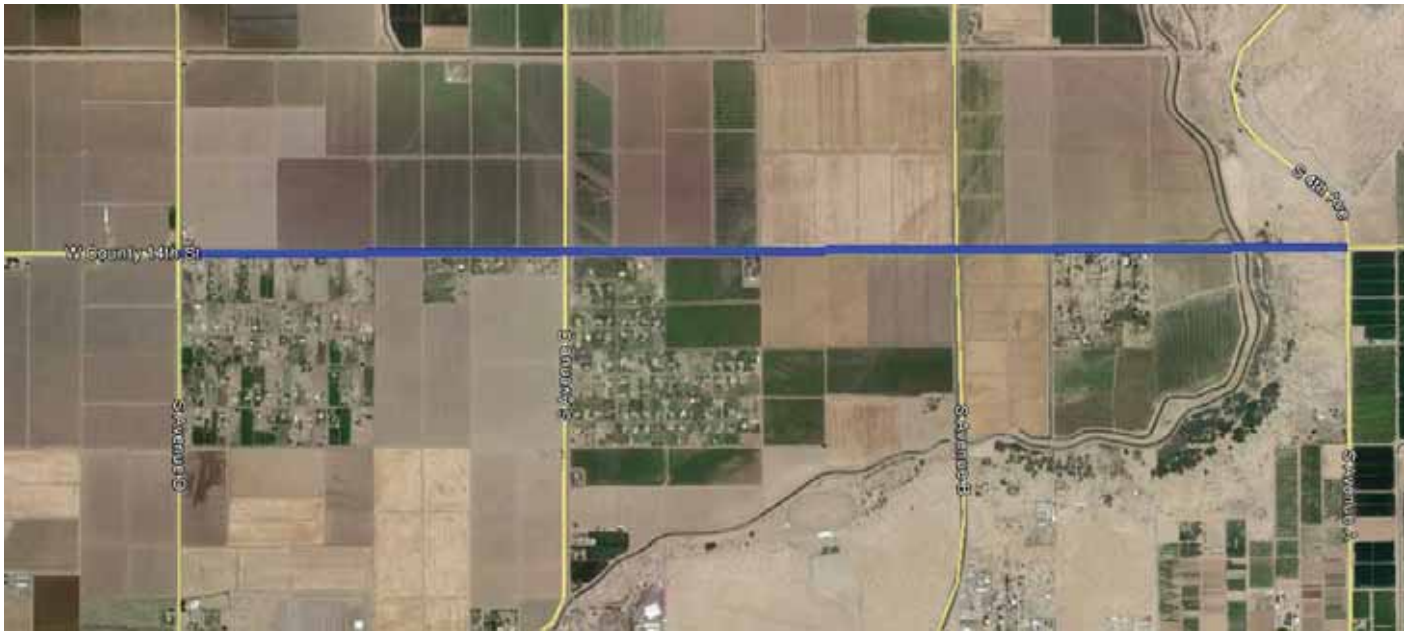
4.3	**Project Length (Miles)**	**22,704**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	22,704	**Existing Length (Feet)**
0	**Segment 1 Pavement Width (FEET)**	0	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	60,544	$ 1.50	$ 90,816
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	6,720	$ 90.00	$ 604,835
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 62,000.00	$ 62,000
				ROADWAY SUBTOTAL	**$ 757,651**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 189,413
				SUBTOTAL WITH MISC WORK	**$ 947,064**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 56,824
	EROSION CONTROL	L.SUM	1	4%	$ 37,883
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 47,353
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 18,941
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 66,294
				SUBTOTAL WITH GENERAL ITEMS	**$ 1,174,359**
	MOBILIZATION	L.SUM	1	8%	$ 93,949
				SUBTOTAL WITH MOBILIZATION	**$ 1,268,308**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 190,246
	CONTINGENCIES	L.SUM	1	5%	$ 63,415
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 12,683
	NON-BID SUBTOTAL			$ 266,344	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,534,652**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,534,652**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 276,237
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,810,889**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-42
County 14th Street Overlay

Project Name	Co 14th Street Overlay				
Project Location	Avenue A to Avenue D				
Project Length (miles)	3.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$1.3M				
Factored Cost over RTP Period	$1.3M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will overlay County 14th Street from Avenue A to Avenue D				

Location Map



COST ESTIMATE

Project Description: Co. 14th Street Overlay — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

3	**Project Length (Miles)**	**15,840**	**Project Length (Feet)**
24	**Existing Pavement Width (FEET)**	15,840	**Existing Length (Feet)**
	Segment 1 Pavement Width (FEET)		**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)		**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)		**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)		**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	42,240	$ 1.50	$ 63,360
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	4,689	$ 90.00	$ 421,978
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
				ROADWAY SUBTOTAL	**$ 530,338**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 132,584
				SUBTOTAL WITH MISC WORK	**$ 662,922**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 39,775
	EROSION CONTROL	L.SUM	1	4%	$ 26,517
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 33,146
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 13,258
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 46,405
				SUBTOTAL WITH GENERAL ITEMS	**$ 822,023**
	MOBILIZATION	L.SUM	1	8%	$ 65,762
				SUBTOTAL WITH MOBILIZATION	**$ 887,785**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 133,168
	CONTINGENCIES	L.SUM	1	5%	$ 44,389
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 8,878
	NON-BID SUBTOTAL			$ 186,435	$ -
				CONSTRUCTION SUBTOTAL	**$ 1,074,220**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 1,074,220**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 193,360
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 1,267,580**

YMPO 2018-2041 RTP Project Information Sheet
Project YU-43
North I-8 Frontage Road

Project Name	North I-8 Frontage Road				
Project Location	Avenue 10E to 11 E				
Project Length (miles)	1.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$5M				
Factored Cost over RTP Period	$5M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen I-8 Frontage Road from two to four lanes from Avenue 10E to Avenue 11E				

Location Map

COST ESTIMATE

Project Description: North I-8 Frontage Rd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
29	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
53	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 22,000.00	$ 22,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 20,000.00	$ 20,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	17,013	$ 5.00	$ 85,067
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 1,000.00	$ 1,000
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	31,093	$ 8.00	$ 248,747
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	6,046	$ 45.00	$ 272,067
4040125	FOG COAT	TON	10.4	$ 600.00	$ 6,219
4040163	BLOTTER MATERIAL	TON	31.1	$ 40.00	$ 1,244
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	8,628	$ 90.00	$ 776,556
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 5,000.00	$ 5,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 22,000.00	$ 22,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
8050003	SEEDING (CLASS II)	ACRE	4.0	$ 3,500.00	$ 14,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 80,000.00	$ 80,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 120,000.00	$ 120,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
				ROADWAY SUBTOTAL	**$ 1,743,898**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 435,975
				SUBTOTAL WITH MISC WORK	**$ 2,179,873**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 130,792
	EROSION CONTROL	L.SUM	1	4%	$ 87,195
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 108,994
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 43,597
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 152,591
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,703,042**
	MOBILIZATION	L.SUM	1	8%	$ 216,243
				SUBTOTAL WITH MOBILIZATION	**$ 2,919,285**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 437,893

COST ESTIMATE

Project Description: North I-8 Frontage Rd Street Widening — **ID No:**

Project Location: Yuma, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

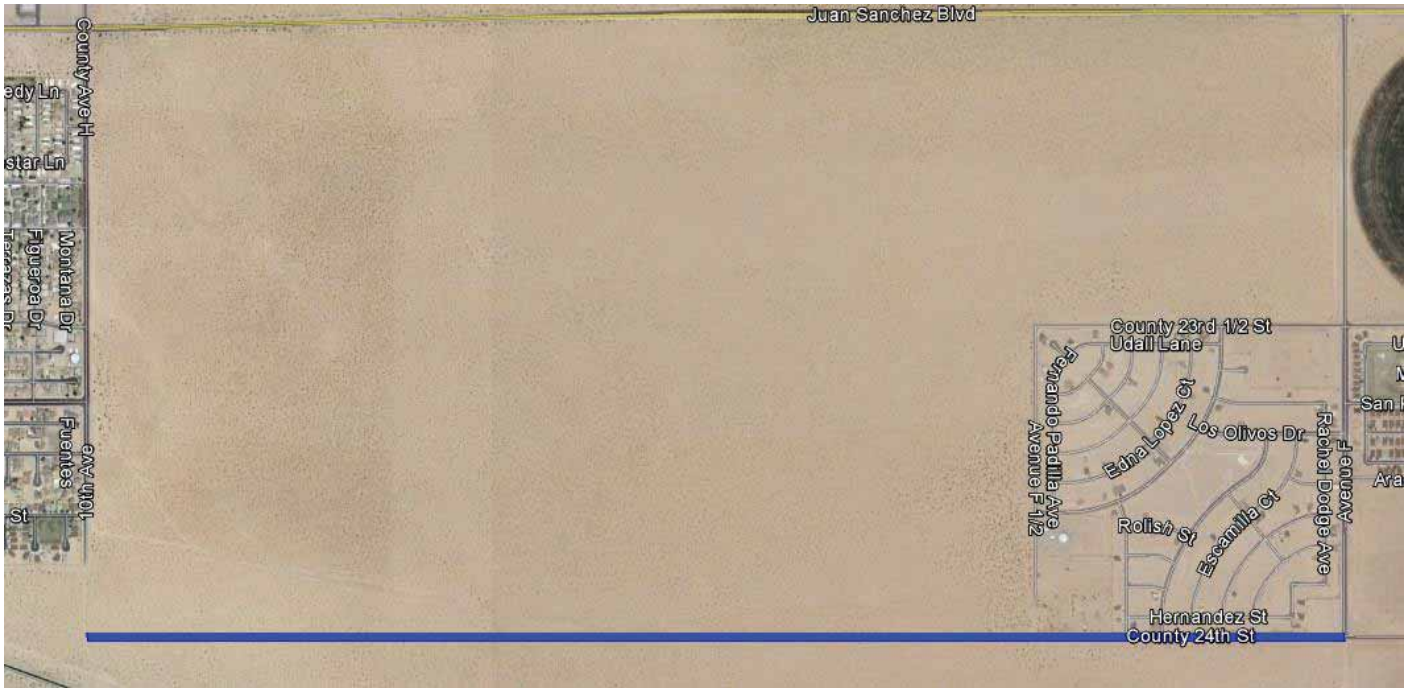
1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
29	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
53	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONTINGENCIES	L.SUM	1	5%	$ 145,964
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 29,193
	NON-BID SUBTOTAL			$ 613,050	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,532,335**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,532,335**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 635,820
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 450,000
RIGHT-OF-WAY		SQ.FT.			$ 450,000
				TOTAL PROJECT COST	**$ 5,068,155**

YMPO 2018-2041 RTP Project Information Sheet
Project SL-06
County 24th Street Paving Dirt Road

Project Name	County 24th Street Paving Dirt Road				
Project Location	Avenue H to Avenue F				
Project Length (miles)	2.0 miles				
Roadway Ownership	City of San Luis				
Base Cost	$4M				
Factored Cost over RTP Period	$4M				
RTP Period	2018-2022 ☒	2023-2027 ☐	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will pave County 24th Street from Avenue H to Avenue F.				

Location Map



COST ESTIMATE

Project Description: Co. 24th St. Paving Dirt Road — **ID No:**

Project Location: San Luis, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
30	**Existing Pavement Width (FEET)**	1 Miles	2,376	**Existing Length (Feet)**
32	**Segment 1 Pavement Width (FEET)**	1 Miles	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 10,000.00	$ 10,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	7,920	$ 5.00	$ 39,600
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 300.00	$ 300
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	37,547	$ 6.00	$ 225,280
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	7,301	$ 40.00	$ 292,030
4040125	FOG COAT	TON	12.5	$ 600.00	$ 7,509
4040163	BLOTTER MATERIAL	TON	37.5	$ 40.00	$ 1,502
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	10,419	$ 90.00	$ 937,728
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 30,000.00	$ 30,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	7.3	$ 3,500.00	$ 25,550
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 40,000.00	$ 40,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 150,000.00	$ 150,000
				ROADWAY SUBTOTAL	**$ 1,819,499**
	MISCELLANEOUS WORK	L.SUM	1	15%	$ 272,925
				SUBTOTAL WITH MISC WORK	**$ 2,092,424**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 125,545
	EROSION CONTROL	L.SUM	1	4%	$ 83,697
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 104,621
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 41,848
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 146,470
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,594,605**
	MOBILIZATION	L.SUM	1	8%	$ 207,568
				SUBTOTAL WITH MOBILIZATION	**$ 2,802,173**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 420,326

COST ESTIMATE

Project Description: Co. 24th St. Paving Dirt Road — **ID No:**

Project Location: San Luis, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
30	**Existing Pavement Width (FEET)**	1 Miles	2,376	**Existing Length (Feet)**
32	**Segment 1 Pavement Width (FEET)**	1 Miles	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONTINGENCIES	L.SUM	1	5%	$ 140,109
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 28,022
	NON-BID SUBTOTAL			$ 588,457	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,390,630**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,390,630**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 610,313
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 4,000,943**

YMPO 2018-2041 RTP Project Information Sheet
Project SL-02
Juan Sanchez Boulevard Widening

Project Name	Juan Sanchez Boulevard Widening				
Project Location	Main Street/US 95 to 8th Avenue				
Project Length (miles)	1.5 miles				
Roadway Ownership	City of San Luis				
Base Cost	$4.8M				
Factored Cost over RTP Period	$6.5M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☐	2033-2037 ☐	2038-2041 ☐
Project Description	This project will widen Juan Sanchez Boulevard from two to four lanes from Main Street/US 95 to 8th Avenue				

Location Map

COST ESTIMATE

Project Description: Juan Sanchez Blvd. Widening — **ID No:**

Project Location: San Luis, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
36	**Existing Pavement Width (FEET)**	1.5 Miles	7,920	**Existing Length (Feet)**
26	**Segment 1 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 1 Length (Feet)**
36	**Segment 2 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 36,000.00	$ 36,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	2,500	$ 5.50	$ 13,750
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	12,500	$ 4.00	$ 50,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	1,760	$ 5.00	$ 8,800
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 12,000.00	$ 12,000
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	31,680	$ 1.50	$ 47,520
2020201	SAW CUTTING	L.FT.	15,840	$ 1.00	$ 15,840
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	22,880	$ 6.00	$ 137,280
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	4,449	$ 40.00	$ 177,956
4040125	FOG COAT	TON	7.6	$ 600.00	$ 4,576
4040163	BLOTTER MATERIAL	TON	22.9	$ 40.00	$ 915
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	9,866	$ 90.00	$ 887,911
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 7,500.00	$ 7,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 45,000.00	$ 45,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 20,000.00	$ 20,000
7330622	TRAFFIC SIGNAL UPGRADES	L.SUM	1	$ 30,000.00	$ 30,000
8050003	SEEDING (CLASS II)	ACRE	0.5	$ 3,500.00	$ 1,750
9080091	CONCRETE CURB AND GUTTER	L.FT.	2,500.0	$ 28.00	$ 70,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	12,500.0	$ 7.00	$ 87,500
9080300	CONCRETE SIDEWALK RAMP (	EACH	12.0	$ 3,000.00	$ 36,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 160,000.00	$ 160,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 100,000.00	$ 100,000
				ROADWAY SUBTOTAL	**$ 1,955,298**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 488,824
				SUBTOTAL WITH MISC WORK	**$ 2,444,122**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 146,647
	EROSION CONTROL	L.SUM	1	4%	$ 97,765
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 122,206
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 48,882

COST ESTIMATE

Project Description: Juan Sanchez Blvd. Widening — **ID No:**

Project Location: San Luis, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1.5	**Project Length (Miles)**		**7,920**	**Project Length (Feet)**
36	**Existing Pavement Width (FEET)**	1.5 Miles	7,920	**Existing Length (Feet)**
26	**Segment 1 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 1 Length (Feet)**
36	**Segment 2 Pavement Width (FEET)**	1.5 Miles	7,920	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 171,089
				SUBTOTAL WITH GENERAL ITEMS	**$ 3,030,711**
	MOBILIZATION	L.SUM	1	5%	$ 151,536
				SUBTOTAL WITH MOBILIZATION	**$ 3,182,247**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 477,337
	CONTINGENCIES	L.SUM	1	5%	$ 159,112
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 31,822
	NON-BID SUBTOTAL			$ 668,271	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,850,518**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,850,518**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 693,093
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 260,000
RIGHT-OF-WAY		SQ.FT.			
				TOTAL PROJECT COST	**$ 4,803,611**

YMPO 2018-2041 RTP Project Information Sheet
Project SO-04
Avenue F (Cesar Chavez Avenue) Widening

Project Name	Avenue F (Cesar Chavez Avenue) Widening				
Project Location	County 15 1/2 Street to County 16 1/2 Street				
Project Length (miles)	1.0 miles				
Roadway Ownership	Yuma County				
Base Cost	$5M				
Factored Cost over RTP Period	$8.2M				
RTP Period	2018-2022 ☒	2023-2027 ☒	2028-2032 ☒	2033-2037 ☒	2038-2041 ☐
Project Description	This project will widen Avenue F (Cesar Chavez Avenue) from two to four lanes from County 15 1/2 Street to County 16 1/2 Street				

Location Map

COST ESTIMATE

Project Description: Juan Sanchez Blvd. Widening — **ID No:**

Project Location: Somerton, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
30	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
26	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
30	**Segment 2 Pavement Width (FEET)**	1 Mile	5,280	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 220,000.00	$ 220,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	3,000	$ 5.50	$ 16,500
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	15,000	$ 4.00	$ 60,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	1,173	$ 5.00	$ 5,867
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 12,000.00	$ 12,000
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	17,600	$ 1.50	$ 26,400
2020201	SAW CUTTING	L.FT.	5,280	$ 1.00	$ 5,280
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	15,253	$ 6.00	$ 91,520
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	2,966	$ 40.00	$ 118,637
4040125	FOG COAT	TON	5.1	$ 600.00	$ 3,051
4040163	BLOTTER MATERIAL	TON	15.3	$ 40.00	$ 610
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	6,186	$ 90.00	$ 556,776
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 7,500.00	$ 7,500
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 30,000.00	$ 30,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 70,000.00	$ 70,000
8050003	SEEDING (CLASS II)	ACRE	3.7	$ 3,500.00	$ 12,950
9080091	CONCRETE CURB AND GUTTER	L.FT.	3,000.0	$ 28.00	$ 84,000
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	15,000.0	$ 7.00	$ 105,000
9080300	CONCRETE SIDEWALK RAMP (	EACH	12.0	$ 3,000.00	$ 36,000
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 200,000.00	$ 200,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 200,000.00	$ 200,000
				ROADWAY SUBTOTAL	**$ 1,867,091**
	MISCELLANEOUS WORK	L.SUM	1	25%	$ 466,773
				SUBTOTAL WITH MISC WORK	**$ 2,333,864**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 140,032
	EROSION CONTROL	L.SUM	1	4%	$ 93,355
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 116,693
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 46,677
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 163,370

COST ESTIMATE

Project Description: Juan Sanchez Blvd. Widening — **ID No:**

Project Location: Somerton, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

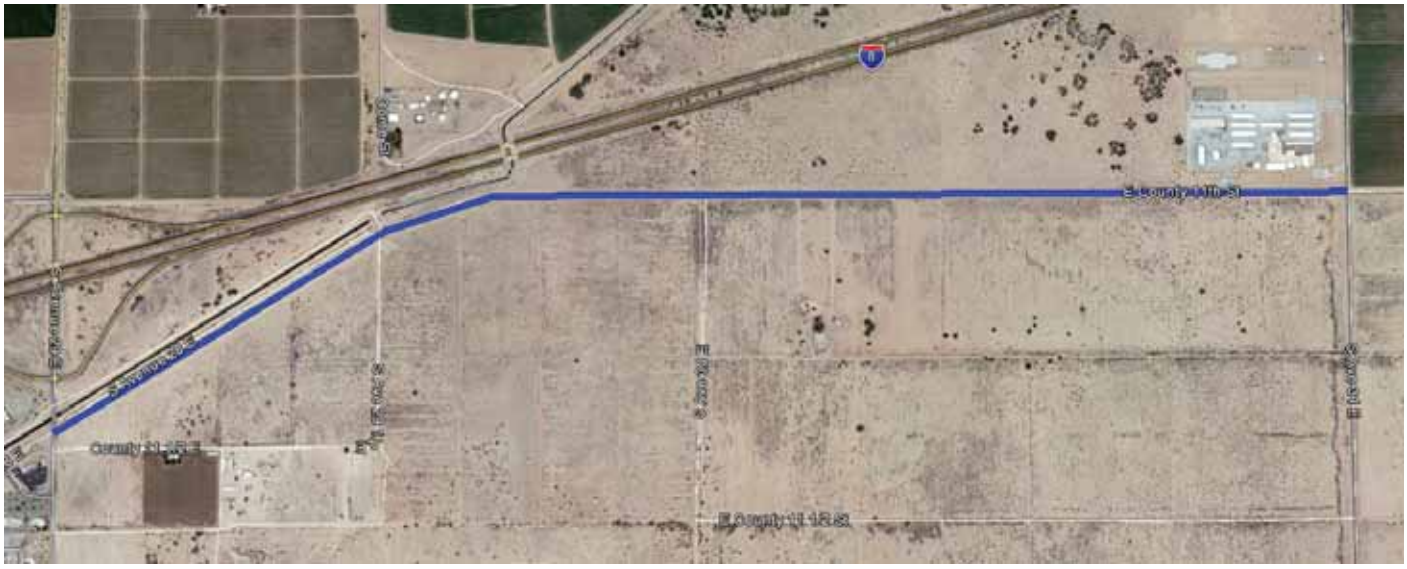
1	**Project Length (Miles)**		**5,280**	**Project Length (Feet)**
30	**Existing Pavement Width (FEET)**	1 Mile	5,280	**Existing Length (Feet)**
26	**Segment 1 Pavement Width (FEET)**	1 Mile	5,280	**Segment 1 Length (Feet)**
30	**Segment 2 Pavement Width (FEET)**	1 Mile	5,280	**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

				SUBTOTAL WITH GENERAL ITEMS	**$ 2,893,991**
	MOBILIZATION	L.SUM	1	5%	$ 144,700
				SUBTOTAL WITH MOBILIZATION	**$ 3,038,691**
	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 455,804
	CONTINGENCIES	L.SUM	1	5%	$ 151,935
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 30,387
	NON-BID SUBTOTAL			$ 638,126	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,676,817**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,676,817**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 661,827
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ 300,000
RIGHT-OF-WAY		SQ.FT.			$ 400,000
				TOTAL PROJECT COST	**$ 5,038,644**

YMPO 2018-2041 RTP Project Information Sheet
Project WE-03
County 11th Street Paving Dirt Road

Project Name	County 11th Street Paving Dirt Road				
Project Location	Avenue 29E to Avenue 31E				
Project Length (miles)	2.0 miles				
Roadway Ownership	Town of Wellton				
Base Cost	$4M				
Factored Cost over RTP Period	$7.7M				
RTP Period	2018-2022 ☐	2023-2027 ☒	2028-2032 ☒	2033-2037 ☒	2038-2041 ☒
Project Description	This project will pave County 11 Street from Avenue 29E to Avenue 31 E				

Location Map



COST ESTIMATE

Project Description: Co. 11th St. Paving Dirt Road — **ID No:**

Project Location: Wellton, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	2 Miles	10,560	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	2 Miles	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	$ 22,000.00	$ 22,000
2020014	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	$ 5,000.00	$ 5,000
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	0	$ 5.00	$ -
2020034	REMOVAL OF SIGNS	L.SUM	1	$ 300.00	$ 300
2050001	GRADING ROADWAY FOR PAVEMENT	SQ.YD.	28,160	$ 6.00	$ 168,960
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	5,476	$ 40.00	$ 219,022
4040125	FOG COAT	TON	9.4	$ 600.00	$ 5,632
4040163	BLOTTER MATERIAL	TON	28.2	$ 40.00	$ 1,126
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	7,814	$ 90.00	$ 703,296
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	$ 3,000.00	$ 3,000
7041501	PAVEMENT MARKINGS	L.SUM	1	$ 30,000.00	$ 30,000
7320713	UTILITY RELOCATION WORK	L.SUM	1	$ 2,000.00	$ 2,000
8050003	SEEDING (CLASS II)	ACRE	7.3	$ 3,500.00	$ 25,550
9240053	MISCELLANEOUS WORK (RECONSTRUCT INTERSECTIONS)	L.SUM	1	$ 160,000.00	$ 160,000
9240054	MISCELLANEOUS WORK (RECONSTRUCT DRIVEWAYS/SIDE ROADS)	L.SUM	1	$ 40,000.00	$ 40,000
9240057	MISCELLANEOUS WORK (EXTEND MINOR DRAINAGE STRUCTURES)	L.SUM	1	$ 50,000.00	$ 50,000
9240059	MISCELLANEOUS WORK (LANDSCAPING)	L.SUM	1	$ 400,000.00	$ 400,000
				ROADWAY SUBTOTAL	**$ 1,835,887**
	MISCELLANEOUS WORK	L.SUM	1	15%	$ 275,383
				SUBTOTAL WITH MISC WORK	**$ 2,111,270**
	CONSTRUCTION SURVEYING & LAYOUT	L.SUM	1	6%	$ 126,676
	EROSION CONTROL	L.SUM	1	4%	$ 84,451
	CONTRACTOR QUALITY CONTROL	L.SUM	1	5%	$ 105,563
	FURNISH WATER SUPPLY	L.SUM	1	2%	$ 42,225
	MAINTENANCE & PROTECTION OF TRAFFIC	L.SUM	1	7%	$ 147,789
				SUBTOTAL WITH GENERAL ITEMS	**$ 2,617,974**
	MOBILIZATION	L.SUM	1	8%	$ 209,438
				SUBTOTAL WITH MOBILIZATION	**$ 2,827,412**

COST ESTIMATE

Project Description: Co. 11th St. Paving Dirt Road — **ID No:**

Project Location: Wellton, Arizona — **Federal No: N/A**

Stage: Preliminary — **TRACS No: N/A**

Prepared By: Kimley-Horn — **Date: September, 2016**

2	**Project Length (Miles)**		**10,560**	**Project Length (Feet)**
0	**Existing Pavement Width (FEET)**	2 Miles	10,560	**Existing Length (Feet)**
24	**Segment 1 Pavement Width (FEET)**	2 Miles	10,560	**Segment 1 Length (Feet)**
	Segment 2 Pavement Width (FEET)			**Segment 2 Length (Feet)**
	Segment 3 Pavement Width (FEET)			**Segment 3 Length (Feet)**
	Segment 4 Pavement Width (FEET)			**Segment 4 Length (Feet)**

	CONSTRUCTION ENGINEERING	L.SUM	1	15%	$ 424,112
	CONTINGENCIES	L.SUM	1	5%	$ 141,371
	CONSULTANT POST DESIGN ACTIVITIES	L.SUM	1	1%	$ 28,274
	NON-BID SUBTOTAL			$ 593,757	$ -
				CONSTRUCTION SUBTOTAL	**$ 3,421,169**
	INDIRECT COST ALLOCATION	L.SUM	1	0.00%	$ -
				CONSTRUCTION TOTAL COST	**$ 3,421,169**
CONSULTANT DESIGN AND ENVIRONMENTAL CLEARANCE		L.SUM	1	18%	$ 615,810
ADOT PROJECT MANAGEMENT DESIGN REVIEW (PMDR) FEE		L.SUM	1	0%	$ -
UTILITY RELOCATION		L.SUM			$ -
RIGHT-OF-WAY		SQ.FT.			$ -
				TOTAL PROJECT COST	**$ 4,036,979**