



CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS / Engineering Contact: Roger Patterson Date: 02/02/2016 Asset Type: Additional Replacement
 CIP #: 1.9903 Project Title: Irrigation Culvert Replacement; miscellaneous locations

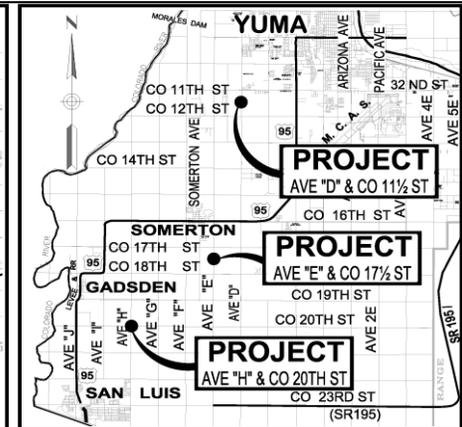
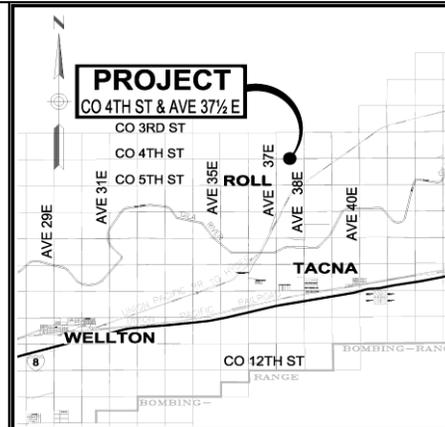
Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$400,000	Annual appropriation	Supplies and Services		
Federal\State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$400,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env't'l:	-	-	-	-	50,000	50,000	50,000	50,000	-	50,000
Construction:	400,000	-	-	-	200,000	200,000	250,000	400,000	-	250,000
Fixtures\Furn\Equip:	-	-	-	-	-	-	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 400,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 300,000	\$ 450,000	\$ -	\$ 300,000

Justification:

There are several irrigation or road crossings within the various Irrigation Districts that need to be replaced due to the condition of the structure. It is recommended to program the replacement of these structures. These crossing were typically constructed in the 1970's or earlier.

- Co 4th St. @ Ave 37 1/2 E (small timber bridge FY16-17)
- Ave H @ Co 20th St (narrow crossing)
- Ave D @ Co 11 1/2 St (FY18)





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering Contact: Roger Patterson Date: 02/02/2016 Asset Type: Additional Replacement
 CIP #: 1.9914 Project Title: South I-8 Frontage Road widening, Avenue 10E to Avenue 11E

Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund			Start up Year	Typical Full Yr
General Fund:			No. of employees:			
Bond Issue:			Personnel costs:			
HURF:	\$ 3,599,659		Supplies and Services			
Federal:	3,049,055	YMPO STP funds	Capital Outlay:			
Other:	663,302	City of Yuma	Total:		\$0	\$0
Other:			FY of Operating Start-Up:			
Total:	\$ 7,312,016		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 1,054,038	\$ 1,054,038	\$ 551,038	\$ 503,000	\$ 270,000	\$ 773,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	1,548,171	1,548,171	1,548,171	-	-	-	-	-	-	-
Const. Phase I	-	-	-	-	-	-	-	-	-	-
S. Frontage Rd	1,660,752	1,660,752	1,660,752	-	-	-	-	-	-	-
Federal Aid	3,049,055	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 7,312,016	\$ 4,262,961	\$ 3,759,961	\$ 503,000	\$ 270,000	\$ 773,000	\$ -	\$ -	\$ -	\$ -

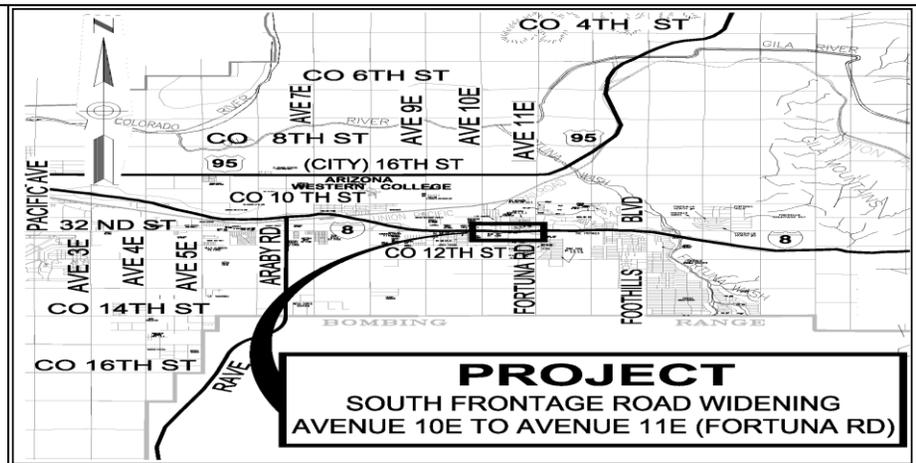
Justification:

Frontage Roads typically provides only limited access and connection to the Interstate Interchanges. Presently the north and south I-8 Frontage roads are functioning as arterial roadways due to the extended distance between I-8 Interchanges. Commercial and residential developments are being constructed in which access is only through the frontage roads and limits future expansion.

The DCR's recommendation is to construct a 2-lane road, with a continuous left hand turn lane, curb and a 7 foot sidewalk on one side only, along with intersection improvements. Traffic signal constructed @ Payson Drive (Feb, 2011)

ADOT's improvements to the Fortuna Traffic Interchange, South Frontage Road intersection, and installing a change link fence on I-8 right of way were included. Project completion scheduled in February, 2015

Remaining item is reserved for APS's relocation cost for prior rights pending documentation.





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Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering **Contact:** Roger Patterson **Date:** 02/02/2016 **Asset Type:** Additional Replacement

CIP #: 1.9915 **Project Title:** Traffic Signal Installation and Traffic Calming Measures

Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund			Start up Year	Typical Full Yr
General Fund:			No. of employees:			
Bond Issue:			Personnel costs:			
HURF:	\$ 1,200,000	Revolving Fund	Supplies and Services			
Federal/State:			Capital Outlay:			
Other County Fund:			Total:		\$0	\$0
Other:			FY of Operating Start-Up:			
Total:	\$ 1,200,000		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env't'l:	200,000	-	-	-	200,000	200,000	-	-	-	-
Construction: TS	1,000,000	200,000	-	200,000	800,000	1,000,000	-	250,000	-	250,000
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 1,200,000	\$ 200,000	\$ -	\$ 200,000	\$ 1,000,000	\$ 1,200,000	\$ -	\$ 250,000	\$ -	\$ 250,000

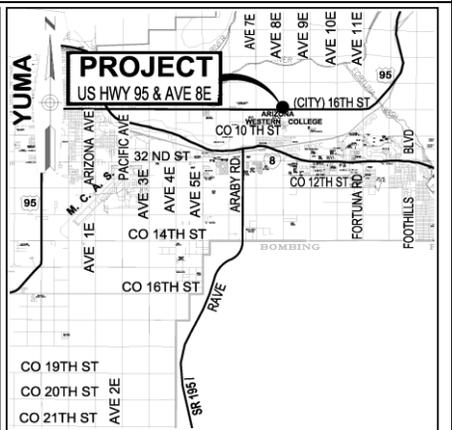
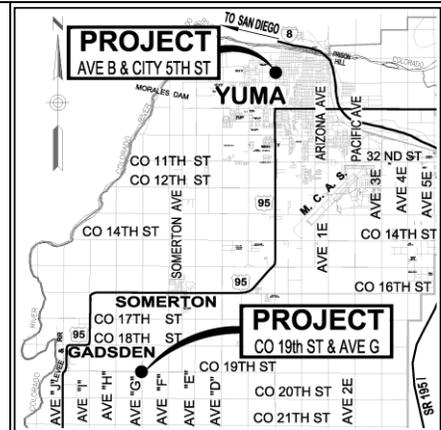
Justification:

Traffic signals at Co 19th St @ Ave B, Co. 14th St @ Ave 4E, and Fortuna Road @ City 28th St have been evaluated and meets the warrants for a traffic signal. Estimated cost is appx. \$250k/each.

The Avenue B and City 5th Street did not qualify for a traffic signal, however a HAWK, or a signalized pedestrian crossing is recommended. Estimated cost is \$150k.

ADOT is recommending a new traffic signal at US 95 and Avenue 8E (AWC). Draft IGA with ADOT is being considered for our portional share. Estimated cost is appx \$100k

Traffic Calming measures are evaluated based on need and neighbor's input and concurrence (70% typically).





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Dept.: DDS/Engineering		Contact: Roger Patterson			Date: 02/02/2016		Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement			
CIP #: 1.0003		Project Title: County 8th Street; Avenue C to Avenue D								
Project Funding				Annual Costs			Incremental Annual Operating Costs			
Sources	Amount	Grantor, Grant, County Fund					Start up Year		Typical Full Yr	
General Fund:				No. of employees:						
Bond Issue:				Personnel costs:						
HURF:	\$ 2,338,342			Supplies and Services						
Federal/State:				Capital Outlay:						
Other County Fund:				Total:			\$0		\$0	
Other:	1,500,000	Proposed City of Yuma 50%		FY of Operating Start-Up:						
Total:	\$ 3,838,342			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 517,171	\$ 517,171	\$ 357,171	\$ 160,000	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	40,000	40,000	24,640	15,360	-	15,360	-	-	-	-
Construction:	3,100,000	1,600,000	91,190	1,508,810	-	-	-	-	-	-
Irrigation crossing	181,171	181,171	181,171	-	-	-	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 3,838,342	\$ 2,338,342	\$ 654,172	\$ 1,684,170	\$ -	\$ 175,360	\$ -	\$ -	\$ -	\$ -
Justification:										
<p>Project proposes to reconstruct County 8th Street between Avenue C to Avenue C 3/4 to reconstruct the existing 2-lane roadway section to an urban five (5) lane section with curbs, sidewalks and related drainage improvements.</p> <p>The final design has been completed in-house. All of the right of way has been acquired to accommodate the roadway widening and relocation of the utilities. Two retention basins have been acquired. The remaining utility relocation, Century Link, is scheduled to be completed in FY17.</p> <p>75% of the roadway has been annexed by the City of Yuma, proposed that the City jointly (50%) participate on the cost of construction. IGA to be developed.</p>										



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Dept.: DDS/Engineering		Contact: Roger Patterson			Date: 02/02/2016		Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement			
CIP #: 1.0402		Project Title: County 15th Street : Avenue F to Avenue G								
Project Funding				Annual Costs			Incremental Annual Operating Costs			
Sources	Amount	Grantor, Grant, County Fund					Start up Year	Typical Full Yr		
General Fund:				No. of employees:						
Bond Issue:				Personnel costs:						
HURF:	\$ 550,000			Supplies and Services						
Federal\State:				Capital Outlay:						
Other County Fund:				Total:			\$0	\$0		
Other:				FY of Operating Start-Up:						
Total:	\$ 550,000			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	50,000	50,000	-	50,000	-	50,000	-	-	-	-
Construction:	500,000	-	-	-	300,000	300,000	-	-	400,000	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 550,000	\$ 50,000	\$ -	\$ 50,000	\$ 300,000	\$ 350,000	\$ -	\$ -	\$ 400,000	\$ -
Justification:										
<p>Improve this 1-mile section of roadway. A survey of the project limits has been completed and will be incorporated during the in-house design. YCWUA is providing a cost estimate to reconstruct a drain and irrigation crossing.</p> <p>Note: portions of the proposed roadway is within the City of Somerton</p>										



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Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.0702	Project Title: Avenue B, County 16th Street to County 18th Street		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 4,960,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 4,960,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		appr't'd thru FY16	est exp thru FY16							
Design\Eng\Env't'l:	\$ 460,000	\$ 450,000	\$ 400,000	\$ 50,000	\$ 10,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
R/W Acq: Phase I	500,000	500,000	264,000	236,000	-	236,000	-	-	-	-
Irr. Culverts: Phase II	1,500,000	1,500,000	-	1,500,000	-	1,500,000	-	-	-	-
Const.: Phase III	1,000,000	-	-	-	-	-	700,000	300,000	-	-
Const.: Phase IV	1,500,000	-	-	-	-	-	-	-	-	-
Total:	\$ 4,960,000	\$ 2,450,000	\$ 664,000	\$ 1,786,000	\$ 10,000	\$ 1,796,000	\$ 700,000	\$ 300,000	\$ -	\$ -

Justification:

This project proposes to construct a through center turning lane on Avenue B, between Co. 16th Street to Co. 18th Street. Sections of the roadway has been improved adjacent to developments, center turn lanes have been constructed. Several irrigation standboxes will be relocated, additional right of way acquired, utilities relocated, and roadway widening will be phased over several years as indicated below.

DCR approved in March '09

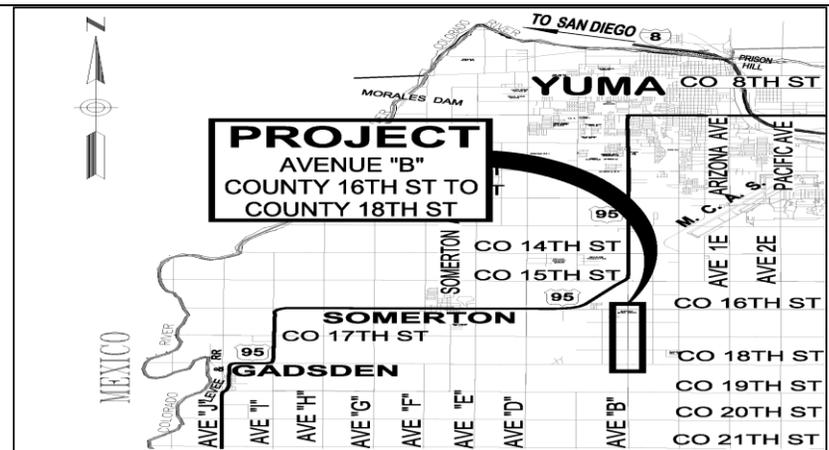
Phase I - right of way acquisition

Phase II - irrigation relocation

Phase III - intersection improvement

Phase IV - roadway widening (funding has not been identified- future phase)

BA 11-86





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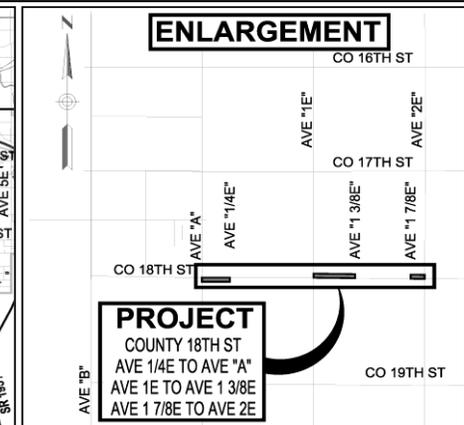
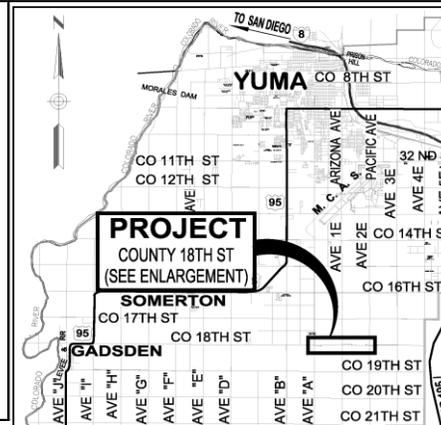
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
CIP #: 1.0801	Project Title: County 18th Street, Avenue A to Avenue 1/4 E, Ave 1E to Ave 1 3/8 E, Ave 1 7/8 E to Ave 2E		

Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund	No. of employees:	Start up Year	Typical Full Yr	
General Fund:			Personnel costs:			
Bond Issue:			Supplies and Services			
HURF:	\$ 1,150,000		Capital Outlay:			
Federal/State:			Total:		\$0	\$0
Other County Fund:			FY of Operating Start-Up:			
Other:			Est. Mo. Oper. Start-up:			
Total:	\$ 1,150,000					

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Design/Eng/Envtl:	75,000	75,000	10,000	65,000	-	65,000	-	-	-	-
Construction:	975,000	-	-	-	-	-	-	-	825,000	150,000
Other (List):	-	-	-	-	-	-	-	-	-	-
Irrigation improv.	-	-	-	-	-	-	-	-	-	-
Total:	\$ 1,150,000	\$ 175,000	\$ 10,000	\$ 165,000	\$ -	\$ 165,000	\$ -	\$ -	\$ 825,000	\$ 150,000

Justification:

The majority of this three mile gravel roadway has been annexed by the City of Yuma. Only the acquisition of right-of-way will be acquired at this time.





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Yuma County CAPITAL IMPROVEMENT PLAN FY2017 / 2021										
Dept.: DDS/Engineering		Contact: Roger Patterson			Date: 02/03/2016		Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement			
CIP #: 1.1004		Project Title: Foothills Blvd and 48th Street Intersection Improvement								
Project Funding				Annual Costs			Incremental Annual Operating Costs			
Sources	Amount	Grantor, Grant, County Fund					Start up Year		Typical Full Yr	
General Fund:				No. of employees:						
Bond Issue:				Personnel costs:						
HURF:	\$ 665,000			Supplies and Services						
Federal/State:				Capital Outlay:						
Other County Fund:				Total:			\$0		\$0	
Other:				FY of Operating Start-Up:						
Total:	\$ 665,000			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 20,000	\$ 20,000	\$ 4,000	\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	45,000	45,000	32,000	13,000	-	13,000	-	-	-	-
Construction:	600,000	200,000	100,000	100,000	400,000	500,000	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 665,000	\$ 265,000	\$ 136,000	\$ 129,000	\$ 400,000	\$ 513,000	\$ -	\$ -	\$ -	\$ -
Justification:										
<p>The intersection at Foothills Blvd and 48th Street traffic signal warrant review indicates that traffic signals may be considered at this intersection. The development on the southwest corner will be providing funds to construct 50% of the traffic signal cost. The county will be responsible for the east portion of 48th Street, and northern leg of Foothills Blvd road widening and traffic signals.</p> <p>In addition, improvements to retain the storm water on the existing Foothills Blvd is recommended to retain the water in the parkway areas. The area between the curb and right of way will be regraded for on site retention.</p>										



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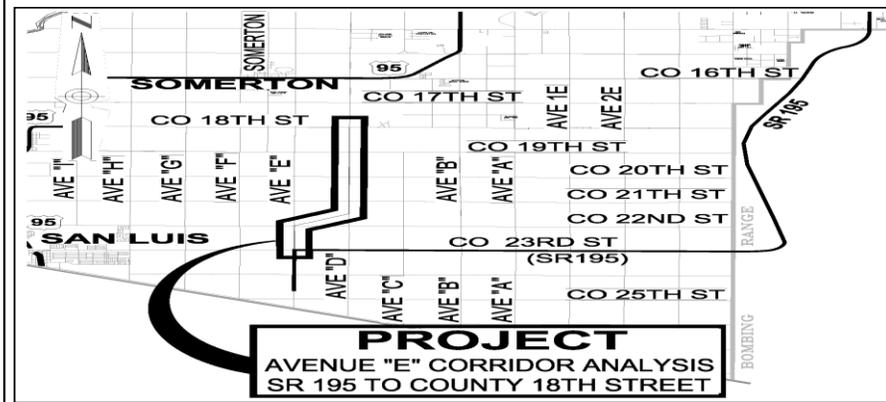
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1103	Project Title: Avenue E, SR 195 to County 18th Street, Corridor Analysis		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 329,000	Phase I, DCR	Supplies and Services		
Federal/State:	471,000	CBI - Federal Aid	Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 800,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	79,000	79,000	28,500	50,500	-	50,500	-	-	-	-
Federal Aid	471,000	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Phase II const.	6,300,000	-	-	-	-	-	-	-	-	-
Total:	\$ 7,100,000	\$ 79,000	\$ 28,500	\$ 50,500	\$ -	\$ 50,500	\$ 250,000	\$ -	\$ -	\$ -

Justification:

The Avenue E project was selected for the use of Coordinated Border Infrastructure (CBI) federal aid funds in the amount of \$471,000. The local matching share is 5.7%. The approved scope is to conduct planning and environmental corridor analysis for the new connection extending Avenue E from SR 195 to County 18th Street and Avenue D. This new roadway is recommended within the YMPO Regional Transportation Plan due to the projected traffic volumes on the existing adjacent north south corridors, US Hwy 95 and Avenue B, levels of service (LOS) will be reduced to Level E.





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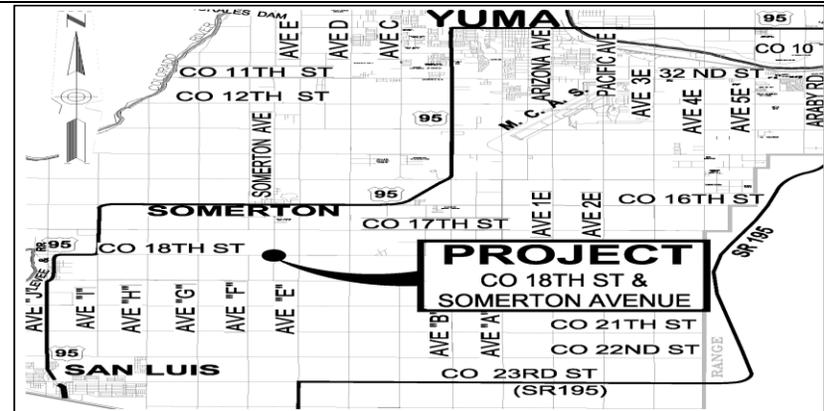
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1201	Project Title: Somerton Avenue and County 18th Street Intersection Improvement Project		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 92,998		Supplies and Services		
Federal/State:	369,641	HSIP federal aid (FY16)	Capital Outlay:		
Federal/State:	250,000	HSIP federal aid (FY16, pending reallocation)	Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 712,639		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 33,873	\$ 35,000	\$ 33,873	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design: FA	124,000	-	-	-	-	-	-	-	-	-
Design/Co Match	57,766	57,766	37,758	20,008	-	20,008	-	-	-	-
culverts (HSIP)	250,000	250,000	250,000	-	-	-	-	-	-	-
Construction: (HSIP)	247,000	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 712,639	\$ 342,766	\$ 321,631	\$ 20,008	\$ -	\$ 20,008	\$ -	\$ -	\$ -	\$ -

Justification:

An accident query for the intersection has revealed that there have been two accidents with fatalities within the past 5 years. The intersection has been approved for HSIP Federal Funding to construct improvements to the intersection. The project will bury approximately 150' of elevated irrigation canal to increase the line of sight and realign the southern leg. The project will also add a flashing 4-way beacon to advise motorists of the approaching intersection.





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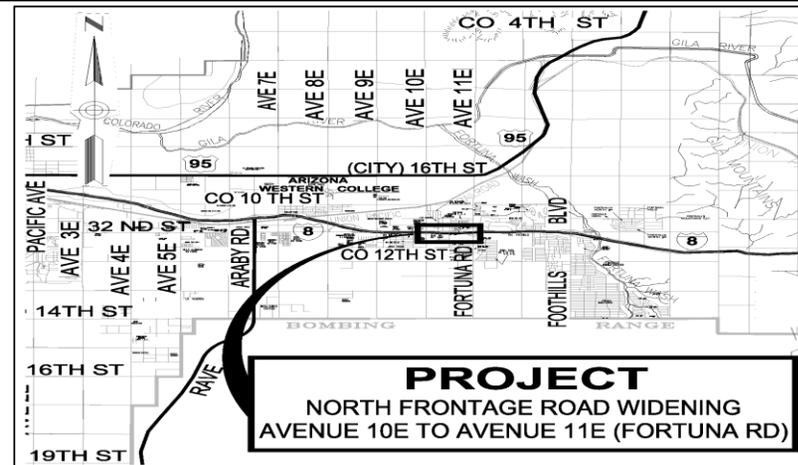
Dept.: DDS/Engineering Contact: Roger Patterson Date: 02/02/2016 Asset Type: Additional Replacement
 CIP#: 1.1302 Project Title: North I-8 Frontage Road widening, Avenue 10E to Avenue 11E (phase II)

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 4,400,000		Supplies and Services		
Federal:			Capital Outlay:		
Other:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 4,400,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 500,000	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	200,000	200,000	50,000	150,000	-	150,000	-	-	-	-
Const. Phase II	-	-	-	-	-	-	-	-	-	-
N. Frontage Rd	3,700,000	1,500,000	-	1,500,000	2,000,000	3,500,000	-	200,000	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 4,400,000	\$ 2,200,000	\$ 50,000	\$ 2,150,000	\$ 2,000,000	\$ 4,150,000	\$ -	\$ 200,000	\$ -	\$ -

Justification:

Frontage Roads typically provides only limited access and connection to the Interstate Interchanges. Presently the north and south I-8 Frontage roads are functioning as arterial roadways due to the extended distance between I-8 Interchanges. Commercial and residential developments are being constructed in which access is only through the frontage roads and limits future expansion. The DCR's recommendation is to construct a 2-lane road, with a continuous left hand turn lane, along with intersection improvements. (phase II-N. Front Rd estimate is \$3.5 million FY 14).





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering Contact: Roger Patterson Date: 02/02/2016 Asset Type: Additional Replacement
 CIP#: 1.1303 Project Title: Wellton Mohawk Valley 4 bridge rehabilitation project

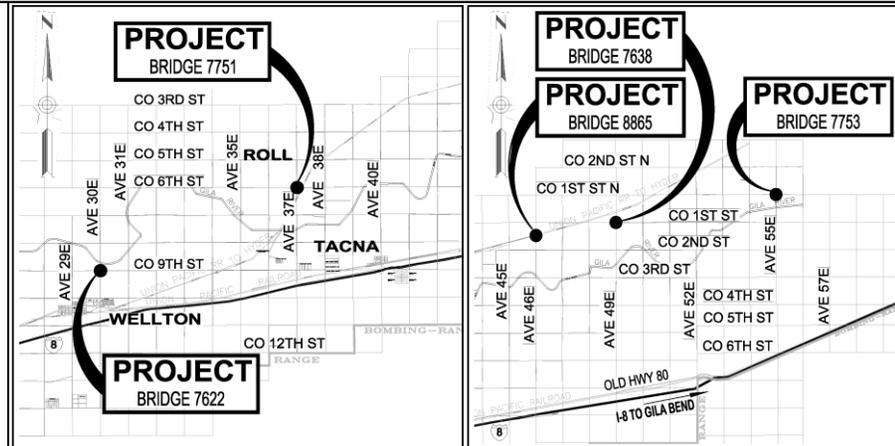
Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 255,000		Supplies and Services		
Federal:	2,656,000	Federal Bridge Funding	Capital Outlay:		
Other:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 2,911,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		appr'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	140,000	140,000	120,000	20,000	-	20,000	-	-	-	-
Construction	115,000	115,000	-	-	-	-	115,000	-	-	-
Federal - Design	756,000	-	-	-	-	-	-	-	-	-
Federal - construc.	1,900,000	-	-	-	-	-	-	-	-	-
Total:	\$ 2,911,000	\$ 255,000	\$ 120,000	\$ 20,000	\$ -	\$ 20,000	\$ 115,000	\$ -	\$ -	\$ -

Justification:

Four bridges in the Welton Mohawk Valley which were recently inspected as part of the bi-annual inspection. The decks and bridge abutments are spalling exposing the reinforcing. An evaluation to determine how to address this reactivity is recommended, establish a priority for repair and then determine available funding in subsequent years. ADOT has appropriated Federal Aid funding to address the deficient bridge deck, or abutments, up to \$1M/per bridge. The bridges are located at:

Bridge #	Location:	Status:
7751	Ave 37E & Co 6th Street	N & S abutments delaminating, spalls with rebar exposed, section loss to rebar.
7638	S Co 1st Street & Ave 49E	similar to 7751
7753	N Co 1st Street & Ave 55E	similar to 7751
8865	Ave 46E and S. Co 1 1/2 Street	Bridge deck delaminating.





CAPITAL IMPROVEMENT PLAN

Yuma County CAPITAL IMPROVEMENT PLAN FY2017 / 2021										
Dept.: DDS/Engineering		Contact: Roger Patterson			Date: 02/02/2016		Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement			
CIP: 1.1304		Project Title: Martinez Lake Road reconstruction								
Project Funding				Annual Costs			Incremental Annual Operating Costs			
Sources	Amount	Grantor, Grant, County Fund					Start up Year		Typical Full Yr	
General Fund:				No. of employees:						
Bond Issue:				Personnel costs:						
HURF:	\$ 852,093	5.7% Local Match		Supplies and Services						
Federal:	14,096,907	FHWA Access Program		Capital Outlay:						
Other:				Total:			\$0			\$0
Other:				FY of Operating Start-Up:						
Total:	\$ 14,949,000			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design (match)	114,855	114,855	44,289	70,566	-	70,566	-	-	-	-
Const. (match)	737,238	-	-	-	737,238	737,238	-	-	-	-
Federal Aid	14,096,907	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 14,949,000	\$ 114,855	\$ 44,289	\$ 70,566	\$ 737,238	\$ 807,804	\$ -	\$ -	\$ -	\$ -
Justification:										
<p>This project proposes to reconstruct Martinez Lake Road, from MP 4.35 (Corral Road) to MP 10 (Red Cloud Mine Road). The project includes reconstructing the existing roadway, adjusting the vertical alignment, two bridges and drainage improvements for an all weather roadway. The Federal Highway Administration selected this project from grant applications for use of Arizona Federal Lands Access Program funding. Construction is programmed in FY 18</p>										
BA 13-118										



CAPITAL IMPROVEMENT PLAN

Yuma County CAPITAL IMPROVEMENT PLAN FY2017 / 2021			
Dept.: DDS / Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
CIP #: 1.1401	Project Title: County 12th Street and Central Irrigation Canal (Ave D) Bridge Replacement Project		

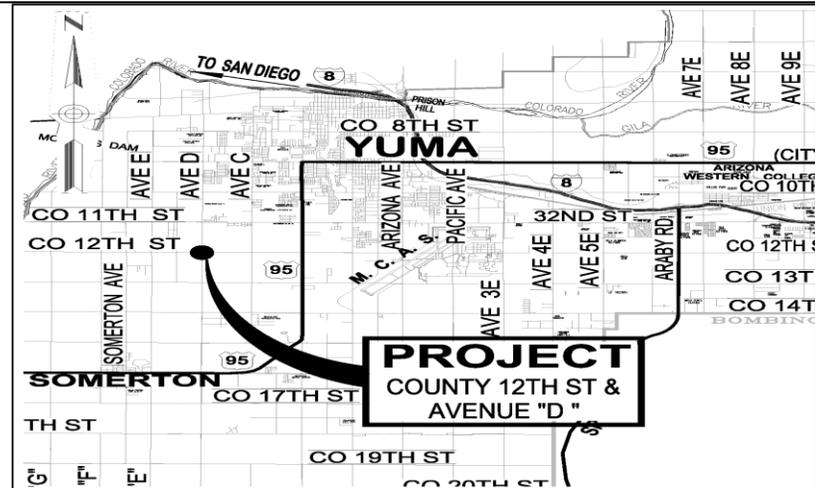
Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund			Start up Year	Typical Full Yr
General Fund:			No. of employees:			
Bond Issue:			Personnel costs:			
HURF:	\$ 370,000		Supplies and Services			
Federal aid: Design	200,000	Bridge Repl. federal aid	Capital Outlay:			
Federal aid: Const	800,000	Bridge Repl. federal aid	Total:		\$0	\$0
Other:			FY of Operating Start-Up:			
Total:	\$ 1,370,000		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env't'l:	230,000	55,000	30,000	25,000	100,000	125,000	-	-	-	-
Construc.	80,000	-	-	-	80,000	80,000	-	-	-	-
Const/Design (Fed	1,000,000	-	-	-	-	-	-	-	-	-
Total:	\$ 1,370,000	\$ 55,000	\$ 30,000	\$ 25,000	\$ 240,000	\$ 265,000	\$ -	\$ -	\$ -	\$ -

Justification:

This timber bridge on County 12th St and just west of Avenue D has in the past been reconstructed with salvaged timber stringers from past reconstruction projects. Project qualifies for Federal Aid Bridge Replacement funding. It is proposed to reconstruct this bridge to a concrete box culvert due to the grade differential with Avenue D.

BA14-153





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

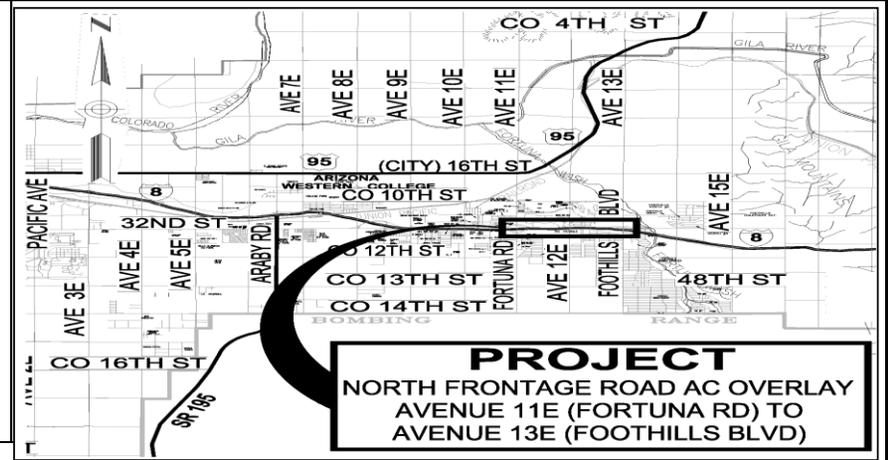
Dept.: DDS / Engineering Contact: Roger Patterson Date: 02/02/2016 Asset Type: Additional Replacement
 CIP #: 1.1402 Project Title: North Frontage Road: Fortuna Road to Foothills Blvd Asphalt Overlay Project

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 440,000		Supplies and Services		
Federal Aid:	967,206	YMPO TIP FY 17	Capital Outlay:		
Federal aid:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 1,407,206		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		appr't'd thru FY16	est exp thru FY16							
Property Acq:	\$ 40,000	\$ 10,000	\$ -	\$ 10,000	\$ 30,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	200,000	200,000	80,000	120,000	-	120,000	-	-	-	-
Const. match	200,000	-	-	-	200,000	200,000	-	-	-	-
Const. (Fed Aid)	967,206	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 1,407,206	\$ 210,000	\$ 80,000	\$ 130,000	\$ 230,000	\$ 360,000	\$ -	\$ -	\$ -	\$ -

Justification:

YMPO requested for projects for STP funding. A application describing this project was submitted for funding consideration. The project proposes to construct an asphaltic overlay, and add left hand turn bays at intersecting intersections. This project was selected and recommended for funding in FY 17.





CAPITAL IMPROVEMENT PLAN

Yuma County CAPITAL IMPROVEMENT PLAN FY2017 / 2021										
Dept.: DDS / Engineering		Contact: Roger Patterson			Date: 02/02/2016		Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement			
CIP #: 1.1403		Project Title: Co. 14th Street: Avenue A to Avenue D, Asphalt Overlay Project								
Project Funding				Annual Costs			Incremental Annual Operating Costs			
Sources	Amount	Grantor, Grant, County Fund					Start up Year	Typical Full Yr		
General Fund:				No. of employees:						
Bond Issue:				Personnel costs:						
HURF:	\$ 450,000			Supplies and Services						
Federal Aid:	832,206	YMPO tentative (FY18)		Capital Outlay:						
Federal aid:				Total:			\$0	\$0		
Other:				FY of Operating Start-Up:						
Total:	\$ 1,282,206			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	150,000	150,000	50,303	99,697	-	99,697	-	-	-	-
Const. match	300,000	-	-	-	-	300,000	-	-	-	-
Const. (Fed Aid)	832,206	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total:	\$ 1,282,206	\$ 150,000	\$ 50,303	\$ 99,697	\$ -	\$ 99,697	\$ 300,000	\$ -	\$ -	\$ -
Justification:										
YMPO requested for projects for STP funding. A application describing this project was submitted for funding consideration. This project was recommended for funding in FY 18.										
<p style="text-align: center;">PROJECT COUNTY 14TH ST AC OVERLAY AVENUE "A" TO AVENUE "D"</p>										



CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

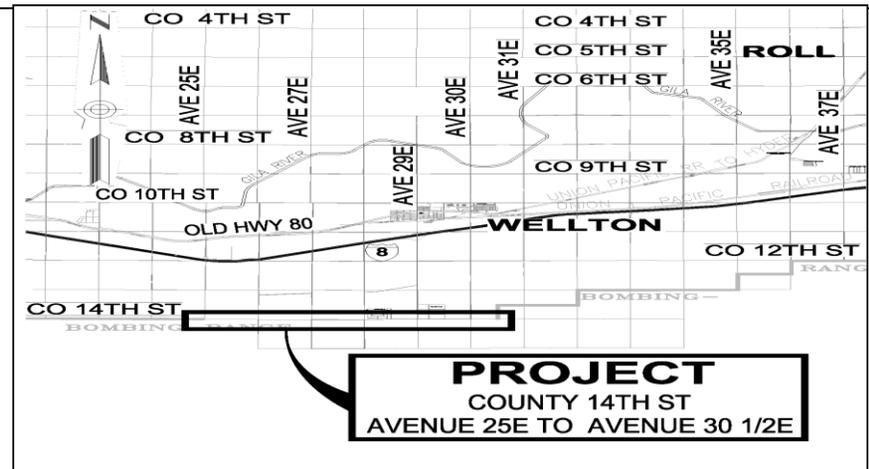
Dept.: DDS / Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
CIP #: 1.1404	Project Title: Co. 14th Street: Avenue 25E to Avenue 30.5E		

Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund			Start up Year	Typical Full Yr
General Fund:			No. of employees:			
Bond Issue:			Personnel costs:			
HURF:	\$ 230,000		Supplies and Services			
Federal Aid:			Capital Outlay:			
Federal aid:			Total:		\$0	\$0
Other:			FY of Operating Start-Up:			
Total:	\$ 230,000		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Envt'l:	130,000	50,000	-	50,000	-	50,000	-	80,000	-	-
Design	100,000	-	-	-	-	-	-	-	-	100,000
Const.	-	-	-	-	-	-	-	-	-	-
Total:	\$ 230,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 80,000	\$ -	\$ 100,000

Justification:

The Board authorized the submittal of an application to MCAS for the additional right of way to construct a drainage easement, and for County 14th Street. The first is an environmental review for MCAS, Department of the Navy, and the Department of the Air Force.





CAPITAL IMPROVEMENT PLAN

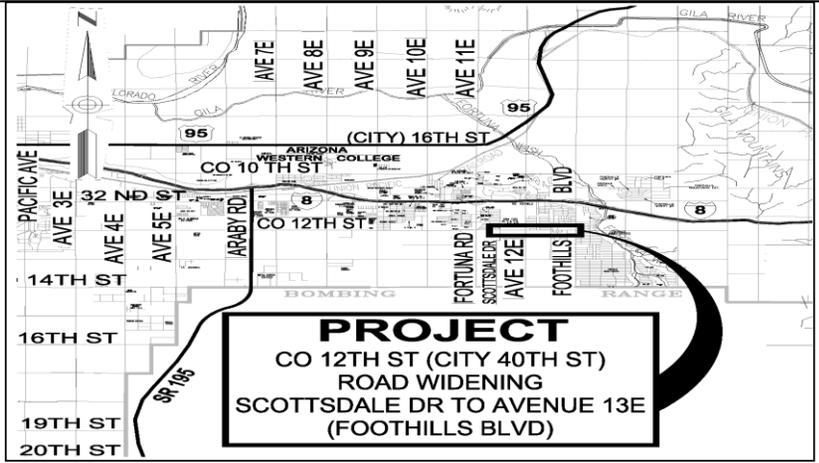
Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering **Contact:** Roger Patterson **Date:** 02/02/2016 **Asset Type:** Additional Replacement
CIP #: 1.1502 **Project Title:** County 12th Street (City 40th Street) between Ave 11E(Fortuna Rd.) and Ave 12E

Project Funding			Annual Costs	Incremental Annual Operating Costs		
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr	
General Fund:			No. of employees: Personnel costs: Supplies and Services Capital Outlay: Total:			
Bond Issue:						
HURF:	\$ 1,900,000	phase I only				
Federal/State:						
Other County Fund:						
Other:			FY of Operating Start-Up:			
Total:	\$ 1,900,000		Est. Mo. Oper. Start-up:	\$0	\$0	

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	200,000	-	-	-	200,000	200,000	-	-	-	-
Construct.	1,500,000	-	-	-	-	-	-	700,000	800,000	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 700,000	\$ 800,000	\$ -

Justification:
 Provide staged widening of County 12th street (City 40th Street) to a five lane urban roadway between Avenue 12E to Foothills Blvd, and three lanes between Scottsdale Avenue to Avenue 12E. Current traffic demand of 9,000 ADT (Annual Average Daily Traffic Volumes) and projected demand of 18,000 ADT by YMPO indicates a need for upgrading of the two (2) lane road. An "Open House" was held with the area residents on the 24 February 2005.





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

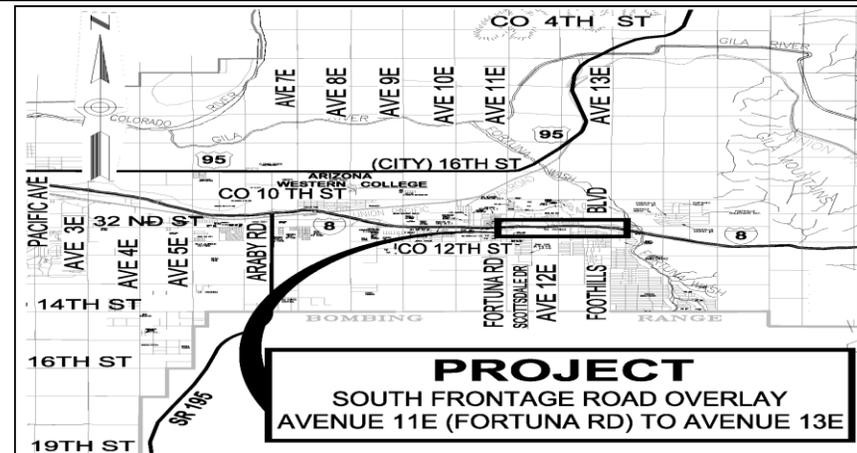
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1503	Project Title: South Frontage Road Overlay, between Ave 11E(Fortuna Rd.) and Ave 13E		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 2,100,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 2,100,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 50,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	150,000	150,000	-	150,000	-	150,000	-	-	-	-
Construct.	1,900,000	1,900,000	-	1,900,000	-	1,900,000	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 2,100,000	\$ 2,100,000	\$ -	\$ 2,100,000	\$ -	\$ 2,100,000	\$ -	\$ -	\$ -	\$ -

Justification:

The project proposes to construct an asphaltic overlay, and add left hand tum bays at intersecting intersections.





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

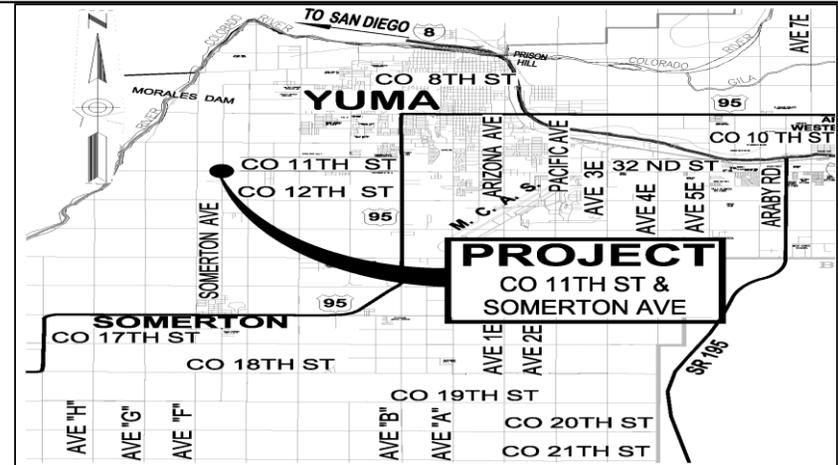
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1505	Project Title: Co11th St and Somerton Avenue intersection realignment		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 200,000		Supplies and Services		
Federal/State:	500,000	possible HSIP	Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 700,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	50,000	50,000	-	50,000	-	50,000	-	-	-	-
Construct.	500,000	-	-	-	500,000	500,000	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 700,000	\$ 50,000	\$ -	\$ 50,000	\$ 650,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -

Justification:

The Co. 11th Street (32nd Street) and Somerton Avenue intersection is offset due to the Main Drain and an irrigation lateral. A concept design will be developed to evaluate alternatives. Highway Safety Improvement Funds (HSIP) federal aid will be evaluated for possible funding to utilize the YMPO's allocation.





CAPITAL IMPROVEMENT PLAN

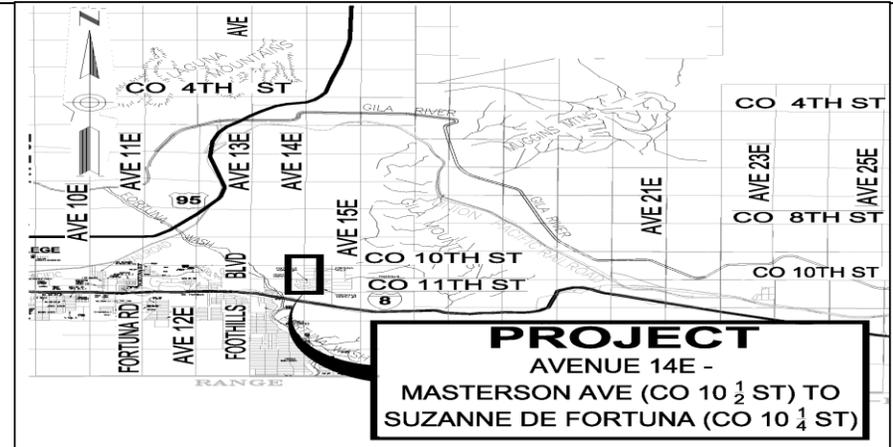
Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering **Contact:** Roger Patterson **Date:** 02/02/2016 **Asset Type:** Additional Replacement
CIP #: 1.1506 **Project Title:** Avenue 14E, Masterson Avenue (County 10 1/2 Street) to Suzanne De Fortuna (County 10 1/4 Street)

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 125,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 125,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ 50,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	-	-	-	-	-	-	-	-	-	-
Construct. (Public Works forces)	75,000	-	-	-	-	-	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 125,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Justification:
 Within the Foothills North area, Avenue 14E, between Masterson Avenue to Suzanne De Fortuna is an unpaved section. The balance of Avenue 14E to the south to the North Frontage Road, and it's extension to the north to County 10th Street is paved. Public Works has agreed to pave this section. The BOS on 10/20/2014 authorized to acquire additional right of way from the State Land Department. Once the right of way has been acquired, Public Works forces will pave this section.





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1507	Project Title: Hwy 95, between San Luis and Somerton		

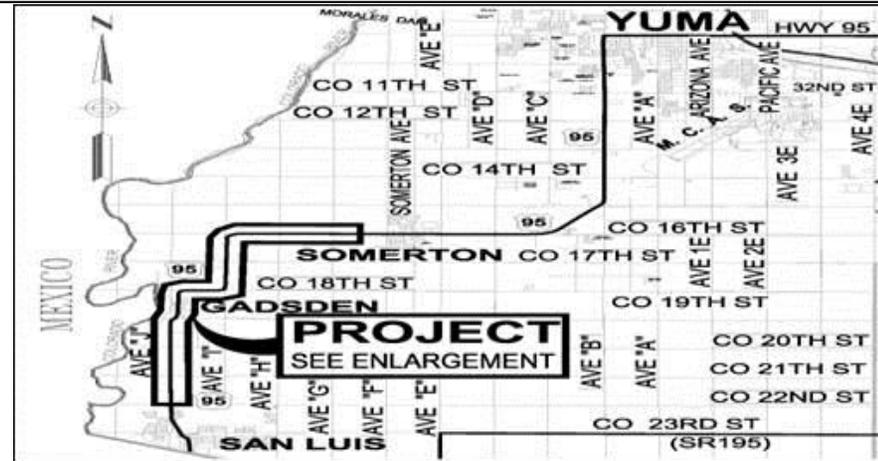
Project Funding			Annual Costs		Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund			Start up Year	Typical Full Yr
General Fund:			No. of employees:			
Bond Issue:			Personnel costs:			
HURF:	\$ 2,000,000		Supplies and Services			
Federal\State:			Capital Outlay:			
Other County Fund:			Total:		\$0	\$0
Other:			FY of Operating Start-Up:			
Total:	\$ 2,000,000		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	-	-	-	-	-	-	-	-	-	-
Construction	2,000,000	1,500,000	200,000	1,300,000	500,000	1,800,000	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 2,000,000	\$ 1,500,000	\$ 200,000	\$ 1,300,000	\$ 500,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -

Justification:

In accordance with the Agreement to finance the Area Service Highway, the local entities accepted several State highways into their system. The County accepted US Hwy 95 outside the local entities corporate limits between Araby Road to San Luis. The Section between San Luis and County 19th Street (Gadsden) was the first phase (1999) of the reconstruction of Hwy 95 between San Luis and the City of Yuma. The subsequent Hwy 95 reconstruction phases, Phase II northerly to Somerton, and Phase III to City 32nd Street, was in 2001 and 2002, respectively.

It has now been approximately 14 years since the original construction and the surface condition of Hwy 95 indicates maintenance of this section needs to be addressed. The surface course is striping, with raveling and extensive cracking.





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

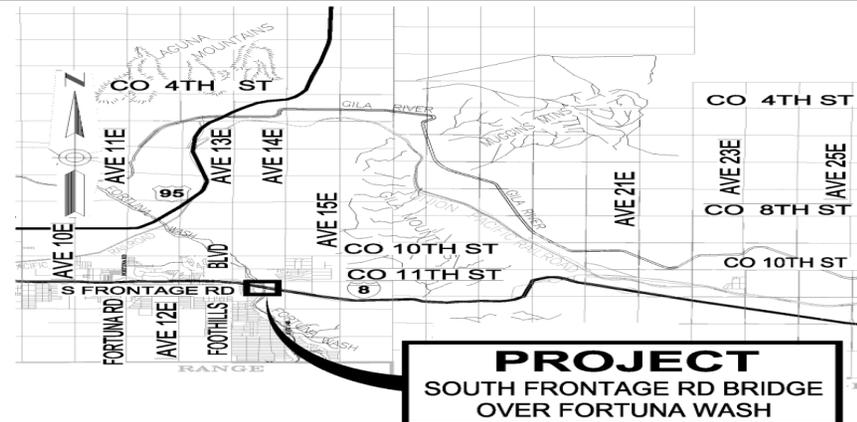
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type:
CIP #: 1.1508	Project Title: South Frontage Road bridge over the Fortuna Wash		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 335,000		Supplies and Services		
Federal\State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 335,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	35,000	35,000	20,000	15,000	-	15,000	-	-	-	-
Construction	300,000	300,000	-	300,000	-	300,000	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 335,000	\$ 335,000	\$ 20,000	\$ 315,000	\$ -	\$ 315,000	\$ -	\$ -	\$ -	\$ -

Justification:

ADOT recently performed the bi-annual bridge inspections on all of the County's bridges. The bridge inspector noted that the diagonal cracking has enlarged on the bridge abutment for the southern steel beam, on the east span, since it was last inspected. There is a concern this crack may enlarge further resulting in the loss of concrete bridge seat support, resulting in this steel beam girder being displaced. Upon notification to the County, barricades were placed in the east bound lane to reduce the live loading on this exterior beam.





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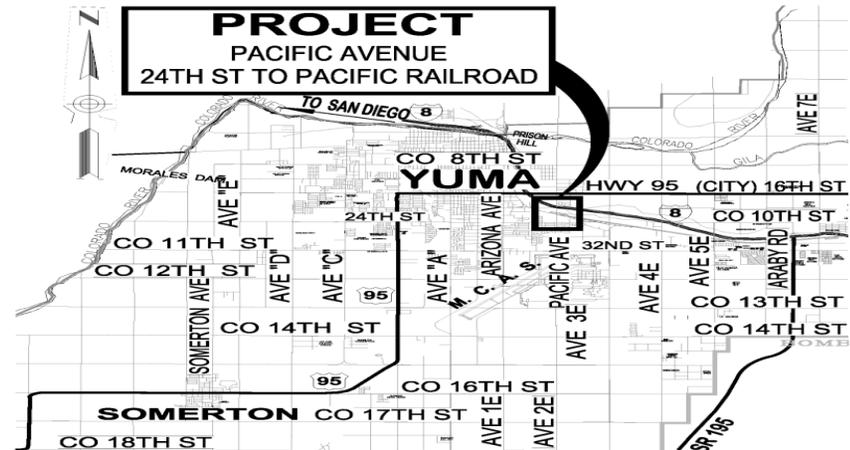
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type:
CIP #: 1.1601	Project Title: Pacific Avenue, 24th Street to Pacific Railroad overpass, asphalt mill and overlay		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 270,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 270,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	20,000	-	-	-	20,000	20,000	-	-	-	-
Construction	250,000	-	-	-	250,000	250,000	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 270,000	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000	\$ -	\$ -	\$ -	\$ -

Justification:

Pacific Avenue (Ave 2E) between City 24th Street and Gila Ridge Road, including the Pacific Avenue Railroad Overpass, was completed in 1982, appx 34 years ago. The pavement section has exceeded it's design life. It is recommended to do an asphalt mill and fill, similar to the City of Yuma's Pacific Avenue project, south of City 24th Street.





CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2017 / 2021

Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/02/2016	Asset Type:
CIP #: 1.1602	Project Title: Avenue 3E, Co. 14th Street to Co. 16th Street asphalt overlay		

Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 630,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			Total:	\$0	\$0
Other:			FY of Operating Start-Up:		
Total:	\$ 630,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY17	new appt'n FY17	est exp FY17	est exp FY18	est exp FY19	est exp FY20	est exp FY21
		apprt'd thru FY16	est exp thru FY16							
Property Acq:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	20,000	-	-	-	20,000	20,000	-	-	-	-
Construction	610,000	-	-	-	610,000	610,000	-	-	-	-
Other (List):	-	-	-	-	-	-	-	-	-	-
Total:	\$ 630,000	\$ -	\$ -	\$ -	\$ 630,000	\$ 630,000	\$ -	\$ -	\$ -	\$ -

Justification:

Two mile asphalt overlay with intersection improvement at Co. 15 1/2 Street.

