

# CAPITAL IMPROVEMENT PLAN



Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2008 / 2012			
Dept.: DDS / Engineering	Contact: Roger Patterson	Date: 02/28/2012	Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
CIP #: 1.9903	Project Title: Irrigation Culvert Replacement; miscellaneous locations		

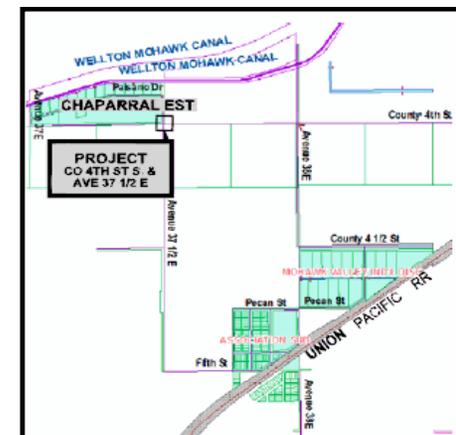
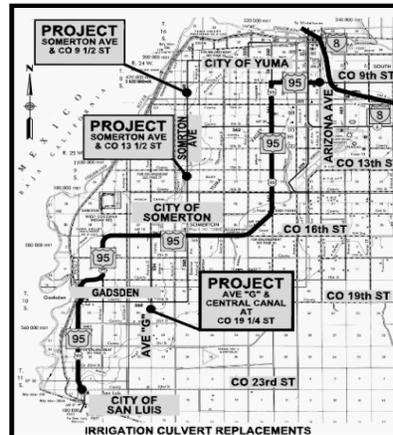
Project Funding		Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund	Start up Year	Typical Full Yr
General Fund:				
Bond Issue:				
HURF:	\$300,000	Annual appropriation		
Federal/State:				
Other County Fund:				
Other:				
<b>Total:</b>	<b>\$300,000</b>		<b>\$0</b>	<b>\$0</b>
		No. of employees:		
		Personnel costs:		
		Supplies and Services		
		Capital Outlay:		
		<b>Total:</b>		
		FY of Operating Start-Up:		
		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ -	\$ -		\$ -		\$ -				
Design\Eng\Env'tl:					50,000	50,000	50,000	50,000		50,000
Construction:	300,000				700,000	700,000	300,000	250,000		250,000
Fixtures\Fum\ Equip:										
Other (List):										
<b>Total:</b>	<b>\$ 300,000</b>				<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 350,000</b>	<b>\$ 300,000</b>		<b>\$ 300,000</b>

**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.

- Avenue H @ Co. 15th Street (small bridge)
- Somerton Avenue @ 11th Str (CMP drain crossing)
- Co. 10th Str @ Avenue D (CMP drain crossing)
- Co 4th Str @ Ave 37 1/2 E (small timber bridge)
- Ave G @ Co 19 1/4 Str (small bridge)





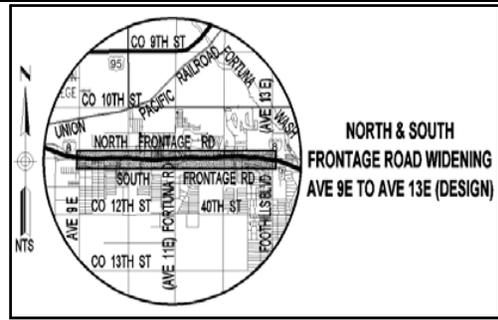
# CAPITAL IMPROVEMENT PLAN

Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017			
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/13/2012	Asset Type: <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #:1.9914	Project Title: South I-8 Frontage Road widening, Avenue 10E to Avenue 11E (phase I)		

Project Funding		Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund	Start up Year	Typical Full Yr
General Fund:				
Bond Issue:				
HURF:	\$ 5,283,799			
Federal:	\$ 2,849,147	YMPO STP funds		
Other:	\$ 517,000	ADOT District Funds		
Other:				
<b>Total:</b>	<b>\$ 8,132,946</b>		<b>\$0</b>	<b>\$0</b>

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 1,293,000	\$ 790,000	\$ 930,700	\$ (140,700)	\$ 503,000	\$ 362,300	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	1,280,000	1,280,000	1,073,000	207,000	-	207,000				
Const. Phase I										
S. Frontage Rd	2,193,799	2,193,799	1,299,388	894,411	(216,000)	\$ 678,411	-	-	-	-
Federal Aid	2,849,147	-	-	-	-	\$ 2,849,147	-	-	-	-
ADOT District Funds	517,000	-	-	-	-	\$ 517,000	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>\$ 8,132,946</b>	<b>\$ 4,263,799</b>	<b>\$ 3,303,088</b>	<b>\$ 960,711</b>	<b>\$ 287,000</b>	<b>\$ 4,613,858</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**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. (Phase I, S. Frontage Rd; Ave 10E to 11E, estimate cost \$4.5 million) (phase II-N. Front Rd estimate is \$3.5 million). Traffic signal constructed @ Payson Drive (Feb, 2011)  
 ADOT has requested the County incorporate improvements to the Fortuna Traffic Interchange, South Frontage Road intersection, and installing a change link fence on I-8 right of way. ADOT district funds in amount of \$517,000 will be added to our project per an Intergovernmental Agreement.



# CAPITAL IMPROVEMENT PLAN



Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017										
<b>Dept.:</b> DDS/Engineering		<b>Contact:</b> Roger Patterson			<b>Date:</b> 02/13/2012		<b>Asset Type:</b> <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement			
<b>CIP #:</b> 1.9915		<b>Project Title:</b> 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:	\$ 200,000				Supplies and Services					
Federal/State:					Capital Outlay:					
Other County Fund:					<b>Total:</b>		<b>\$0</b>	<b>\$0</b>		
Other:					FY of Operating Start-Up:					
<b>Total:</b>	<b>\$ 200,000</b>				Est. Mo. Oper. Start-up:					
Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:										
Construction:	\$ 200,000	\$ 200,000		\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 200,000
<b>Total:</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>
<b>Justification:</b>										
<p>Traffic signal at US 95 and Avenue 8E have met the warrants for installation. Draft IGA with ADOT is being considered. In addition, a possible joint project to improve Avenue 3E and County 14th Street is being developed.</p> <p>Traffic Calming measures are evaluated based on need and neighbor's input and concurrence (70% typically).</p>										



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Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

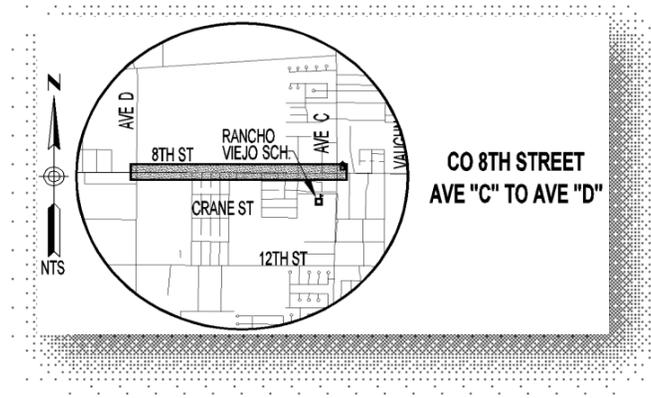
**Dept.:** DDS/Engineering      **Contact:** Roger Patterson      **Date:** 02/13/2012      **Asset Type:**  Additional  Replacement  
**CIP #:** 1.0003      **Project Title:** County 8th Street; Avenue C to Avenue D

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:	\$ 3,826,272		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 3,826,272</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 600,000	\$ 600,000	\$ 510,278	\$ 89,722	\$ -	\$ 89,722				
Design\Eng\Envtl:	40,000	40,000	16,400	23,600		\$ 23,600				
Construction:	3,000,000	2,000,000	40,000	1,960,000	1,000,000	2,960,000	-	-		
Irrigation crossing	186,272	186,272	186,272	-	-	-		.		
Other (List):										
<b>Total:</b>	<b>\$ 3,826,272</b>	<b>\$ 2,826,272</b>	<b>\$ 752,950</b>	<b>\$ 2,073,322</b>	<b>\$ 1,000,000</b>	<b>\$ 3,073,322</b>	\$ -	\$ -	\$ -	\$ -

**Justification:**

Project proposes to reconstruct the existing 2-lane roadway section to an urban five (5) lane section with curbs, sidewalks and related drainage improvements. Open house with area residents was held in June 2005. 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 are proposed. Utility relocation is underway.



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

<b>Dept.:</b> DDS/Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 02/13/2012	<b>Asset Type:</b> <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
<b>CIP #:</b> 1.0202	<b>Project Title:</b> County 12th Street (City 40th Street) between Ave 11E(Fortuna Rd.) and Ave 13E(Foothills Blvd.)		

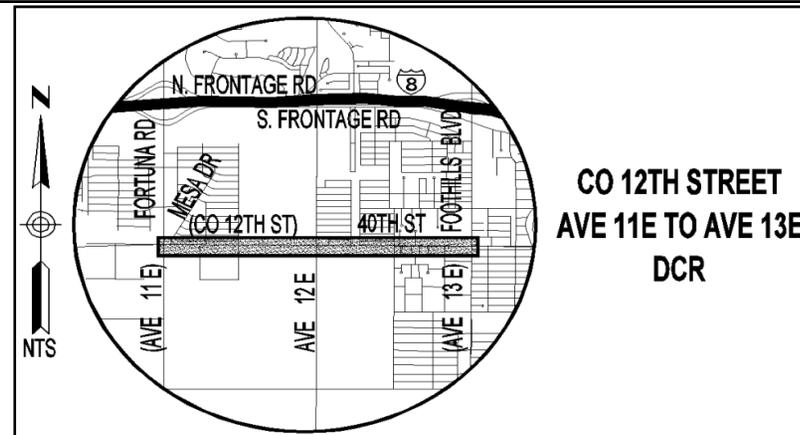
Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 5,570,628	phase I only	Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:	\$ -		<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 5,570,628</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new app't'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 1,897,303	\$ 1,664,145	\$ 1,747,303	\$ (83,158)	\$ 83,158	\$ -	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env't'l:	400,000	370,000	385,000	(15,000)	30,000	15,000				
Construct.: Phase I	3,273,325	2,650,000	123,325	2,526,675	623,325	3,150,000				
Other (List):										
Phase II										
Phase II-design										150,000
<b>Total:</b>	<b>\$ 5,570,628</b>	<b>\$ 4,684,145</b>	<b>\$ 2,255,628</b>	<b>\$ 2,428,517</b>	<b>\$ 736,483</b>	<b>\$ 3,165,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 150,000</b>

**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.

**Phase I** will reconstruct County 12th Street between Avenue 12E east to Foothills Blvd, primarily though the developed section. All right of way has been acquired. Utility relocation is underway. **Phase II** has not been programmed for construction.





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Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

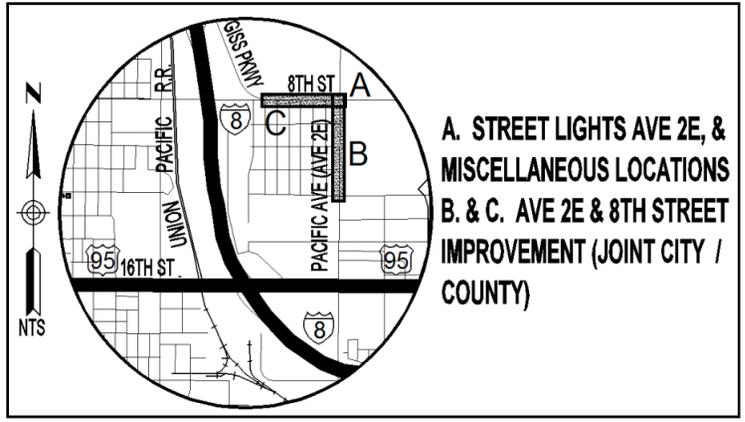
Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional       Replacement  
 CIP #: 1.0203      Project Title: Street Lights: Avenue 2E, City 16th Street to City 24th Street

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:	\$ 200,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 200,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 20,000	\$ 20,000	\$ 15,000	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -
Construction:	180,000	180,000	-	180,000	(100,000)	80,000				
Other (List):										
<b>Total:</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 15,000</b>	<b>\$ 185,000</b>	<b>\$ (100,000)</b>	<b>\$ 85,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**  
 Streetlights are to be provided on typical 5-lane roadways with sidewalks, per Board direction. Street lights have been evaluated to be installed on Avenue 2E, between 24th Str to US Hwy 95. Portions of this section have been annexed by the City of Yuma. The City has reviewed the proposed project and indicated they do not have funding at this time.

The project will be reduced to complete the sidewalks on the east side of Pacific Avenue for continuity.



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Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017										
<b>Dept.:</b> DDS/Engineering		<b>Contact:</b> Roger Patterson			<b>Date:</b> 02/13/2012		<b>Asset Type:</b> <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement			
<b>CIP #:</b> 1.0401		<b>Project Title:</b> County 14th Street: Somerton Avenue 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:	\$ 2,425,533			Supplies and Services						
Federal/State:				Capital Outlay:						
Other County Fund:				<b>Total:</b>			<b>\$0</b>	<b>\$0</b>		
Other:				FY of Operating Start-Up:						
<b>Total:</b>	<b>\$ 2,425,533</b>			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 165,000	\$ 165,000	\$ 114,000	\$ 51,000	\$ -	\$ 51,000				
Design\Eng\Env'tl:	50,000	50,000	25,000	25,000		25,000				
Construction:	1,200,000	1,400,000	200,000	1,200,000	\$ (200,000)	1,000,000	-			
Other (List):										
Intersection Ph 1	344,270	344,270	344,270							
Irrigation improv. (2)	666,263	666,263	666,263	-	-	-				
<b>Total:</b>	<b>\$ 2,425,533</b>	<b>\$ 2,625,533</b>	<b>\$ 1,349,533</b>	<b>\$ 1,276,000</b>		<b>\$ 1,076,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Justification:</b>										
<p>Improve and pave this 1-1/2 mile section of roadway. Project design is being undertaken by in-house staff and is complete. The bridge replacement at the Central Canal (Ave F) was completed in Fy 05. The Main Drain crossing was completed FY 07 to accommodate the proposed roadway.</p> <p>The first roadway phase was the intersection improvement at Co. 14th Str and Somerton Avenue (FY 12).</p>										
<div style="position: absolute; top: 10px; right: 10px; border: 1px solid black; padding: 5px;"> <p><b>A. CO 14 STREET SOMERTON AVE TO AVE G</b></p> <p><b>B. CO 15TH AVE F TO AVE G</b></p> </div>										



# CAPITAL IMPROVEMENT PLAN

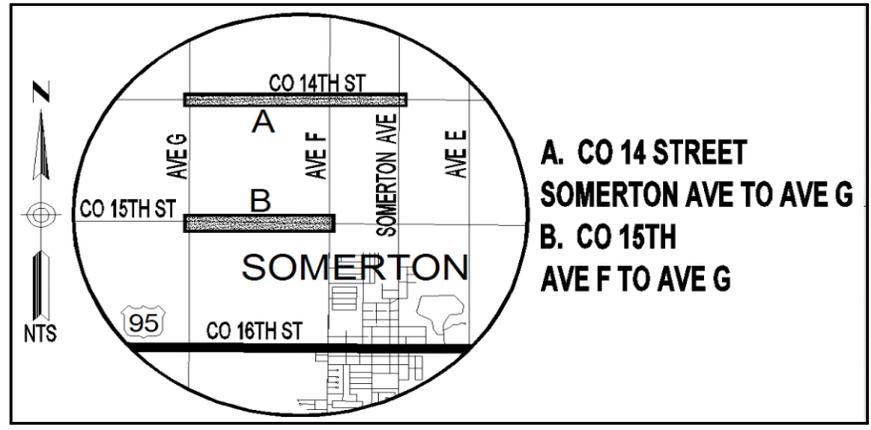
Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional  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:			<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 550,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 50,000	\$ 50,000		\$ 50,000		\$ 50,000				
Construction:	500,000								400,000	
Other (List):										
<b>Total:</b>	<b>\$ 550,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ 50,000</b>			<b>\$ 400,000</b>	<b>\$ -</b>

**Justification:**  
 Improve and pave this 1- mile section of roadway. Participation with the Cocopah Indian Tribe is pending. A survey of the project limits has been completed and will be incorporated during the in-house design. Irrigation crossings will be widened with Irrigation Culvert Replacement Program funds.



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional     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:	\$ 4,950,000		Supplies and Services		
Federal/State:	-		Capital Outlay:		
Other County Fund:			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:	-		FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 4,950,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Design\Eng\Envtl:	\$ 450,000	\$ 450,000	\$ 400,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
R/W Acq: Phase I	500,000	500,000	226,000	274,000	-	274,000				
Irr. Culverts: Phase II	1,500,000	1,500,000		1,500,000	-	1,500,000				
Const.: Phase III	1,000,000		-	-			500,000	500,000		
Const.: Phase IV	1,500,000		-	-						
<b>Total:</b>	<b>\$ 4,950,000</b>	<b>\$ 2,450,000</b>	<b>\$ 626,000</b>	<b>\$ 1,824,000</b>	<b>\$ -</b>	<b>\$ 1,824,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>

**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

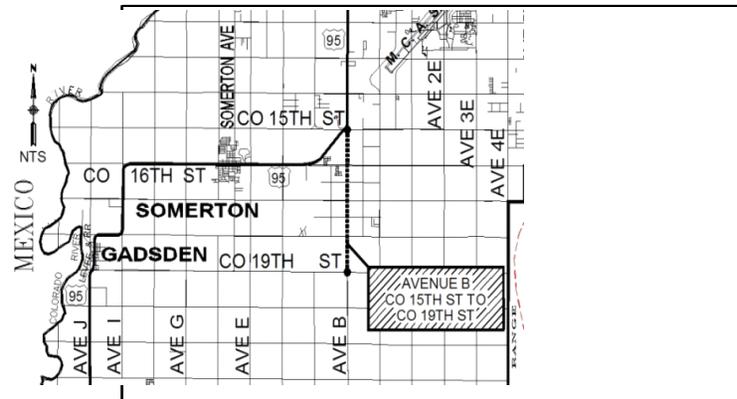
Phase I - right of way acquisition

Phase II - irrigation relocation

Phase III - intersection improvement

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

BA 11-86





# CAPITAL IMPROVEMENT PLAN

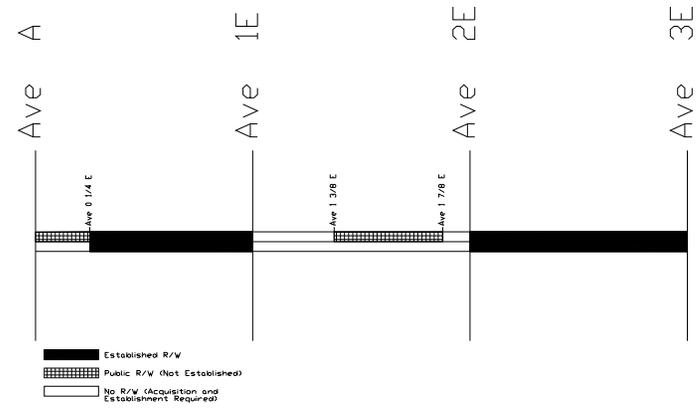
Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional  Replacement  
 CIP #: 1.0801      Project Title: County 18th Street, Avenue 3E to Avenue A

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:	\$ 1,150,000		Supplies and Services		
Federal\State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 1,150,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	75,000	75,000	-	75,000	-	75,000				
Construction:	975,000	-	-	-	-	-			825,000	150,000
Other (List):										
Irrigation improv.	-	-	-	-	-	-				
<b>Total:</b>	<b>\$ 1,150,000</b>	<b>\$ 175,000</b>	<b>\$ -</b>	<b>\$ 175,000</b>	<b>\$ -</b>	<b>\$ 175,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 825,000</b>	<b>\$ 150,000</b>

**Justification:**  
 Improve and pave this three mile gravel roadway. Additional right of way is necessary to improve this road.  
 A design will be initiated along with a design concept report to determine the total project cost, including any irrigation improvements, existing and new right of way limits.



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS / Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional  Replacement  
 CIP #: 1.0904      Project Title: Bridge Replacement Project; County 19th Street and Main Drain (Ave F 1/2)

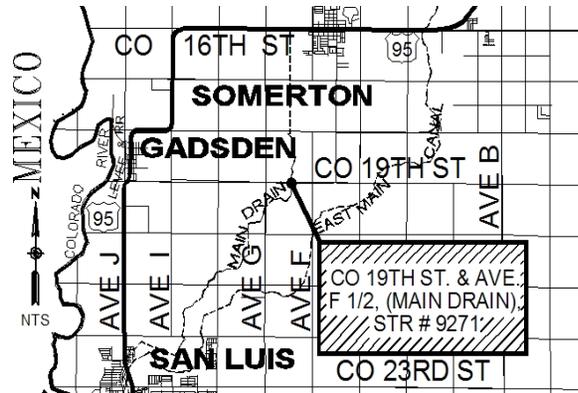
Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ (666,000)		Supplies and Services		
Federal aid: Design	\$ 132,000	Bridge repl. federal aid	Capital Outlay:		
Federal aid: Design	\$ 754,000	Bridge repl. federal aid	<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 220,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 150,000	\$ 150,000	\$ 140,000	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Constr. (Fed Aid)	-	-	-	-	-	-	-	-	-	-
Matching share	70,000	70,000	80,445	(10,445)	10,445	-	-	-	-	-
<b>Total:</b>	<b>\$ 220,000</b>	<b>\$ 220,000</b>	<b>\$ 220,445</b>	<b>\$ (445)</b>	<b>\$ 10,445</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

All bridges are inspected at a minimum bi-annually, County 19th Street bridge over the Main Canal has a sufficiency rating (SR) of 43.5 S (Structural deficient). Bridges with a SR less than 50 are eligible for Federal Aid Bridge Replacement (BR) funds. BR funds are provided through the Arizona Department of Transportation, the funds requires a 5.7% local match.

Engr's estimate for construction is \$800,000. Federal Aid will provide funding up to \$1,000,000 per project for engineering, construction, and construction administration.





# CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

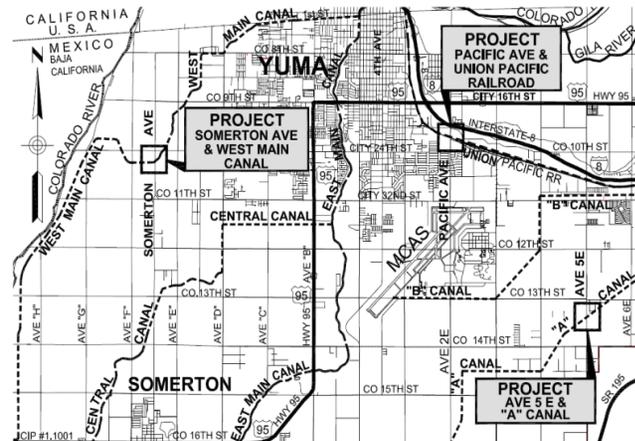
<b>Dept.:</b> DDS/Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 02/13/2012	<b>Asset Type:</b> <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
<b>CIP #:</b> 1.1001	<b>Project Title:</b> Miscellaneous guardrail installations,; Avenue 2E, 5E No. Frontage Road, and Somerton Avenue bridge crossing		

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:	\$ 145,000		Supplies and Services		
Federal\State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 145,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env't'l:										
Construction:	\$ 145,000	\$ 145,000	\$ -	\$ 145,000	\$ -	\$ 145,000	\$ -	\$ -	\$ -	\$ -
<b>Total:</b>	<b>\$ 145,000</b>	<b>\$ 145,000</b>	<b>\$ -</b>	<b>\$ 145,000</b>	<b>\$ -</b>	<b>\$ 145,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

The Avenue 5E approach over the 'A' irrigation, Avenue 2E Union Pacific Railroad overpass, and the Somerton bridge crossing over the West Main Canal are being evaluated for the installation of approach guardrail due to the roadway recovery and height of the roadway embankment. In addition, a section of the North Frontage Road (Avenue 4E) is being addressed due to the level differential. Plans are being developed in house.



# CAPITAL IMPROVEMENT PLAN



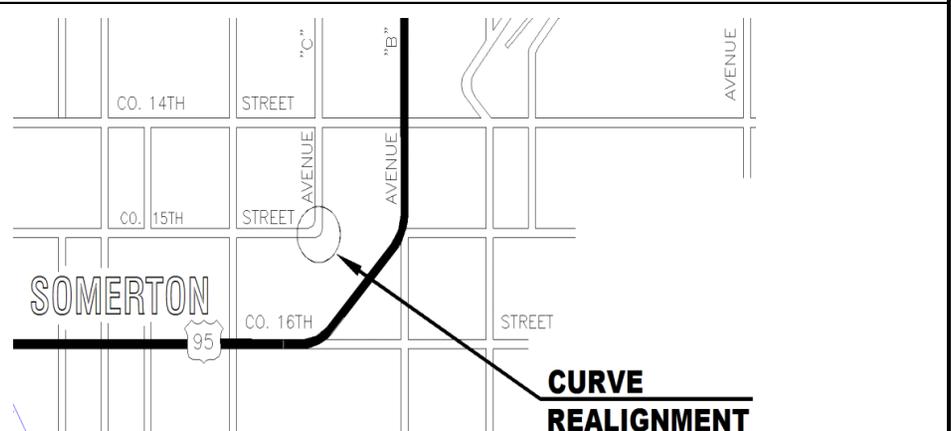
Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 02/13/2012      Asset Type:  Additional     Replacement  
 CIP #: 1.1003      Project Title: Avenue C and County 15th Street curve 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:	\$ 600,000		Supplies and Services		
Federal\State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 600,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 50,000	\$ 50,000	\$ 24,000	\$ 26,000	\$ -	\$ 26,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	\$ 100,000	\$ 50,000	\$ 42,000	\$ 8,000	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Construction:	\$ 450,000	\$ 450,000		\$ 450,000	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -
<b>Total:</b>	<b>\$ 600,000</b>	<b>\$ 550,000</b>	<b>\$ 66,000</b>	<b>\$ 484,000</b>	<b>\$ -</b>	<b>\$ 484,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**  
 Avenue C and Co. 14th Street intersection has recently been completed. The extension of Avenue C south then has roadway a discontinuous curve(s) and becomes Co. 15th Street. A reduced speed limit is posted through this section. The roadway curve will be redesigned for a uniform speed limit. The design and right of way acquisition has been completed. Utility relocation is underway.





# CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

<b>Dept.:</b> DDS/Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 02/13/2012	<b>Asset Type:</b> <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
<b>CIP #:</b> 1.1004	<b>Project Title:</b> 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:	\$ 265,000		Supplies and Services		
Federal/State:			Capital Outlay:		
Other County Fund:			<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	\$ 265,000		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:			new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13	carry over avail. for FY14						
Property Acq:	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Design\Eng\Env'tl:	45,000	15,000	32,000	(17,000)	30,000	13,000				
Construction:	200,000	100,000		100,000	100,000	200,000				
<b>Total:</b>	\$ 265,000	\$ 115,000	\$ 32,000	\$ 83,000	\$ 150,000	\$ 233,000	\$ -	\$ -	\$ -	\$ -

**Justification:**

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.

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.



# CAPITAL IMPROVEMENT PLAN



Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017			
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/13/2012	Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1102	Project Title: Old Highway 80 and Union Pacific bridge (Avenue 30 1/2 E) 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:	\$ 278,000		Supplies and Services			
Federal/State:	\$ 800,000	Federal Aid Bridge Rehab	Capital Outlay:			
Other County Fund:			<b>Total:</b>		<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:			
<b>Total:</b>	<b>\$ 1,078,000</b>		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		appr't'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 118,000	\$ 118,000	\$ 80,000	\$ 38,000	\$ -	\$ 38,000	\$ -	\$ -	\$ -	\$ -
Construction:	160,000	160,000	80,445	79,555	-	79,555	-	-	-	-
Federal Aid	800,000									
<b>Total:</b>	<b>\$ 1,078,000</b>	<b>\$ 278,000</b>	<b>\$ 160,445</b>	<b>\$ 117,555</b>	<b>\$ -</b>	<b>\$ 117,555</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

The Old Hwy 80 and Union Pacific Railroad Overpass bridge was originally constructed in ~ 1950. The concrete bridge deck is showing signs of delaminating and needs to be replaced. In addition the bridge rail will also be reconstructed to current design standards. Bridge Rehabilitation funds will be applied for the rehabilitation construction repairs. Union Pacific railroad charges are not an applicable federal aid expense and must be paid by the County.

BA 12-32





# CAPITAL IMPROVEMENT PLAN

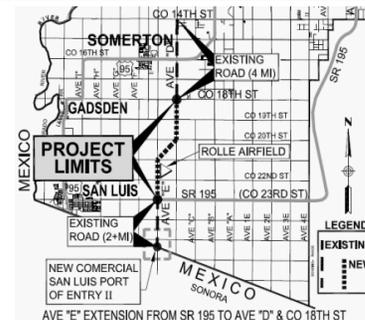
Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017			
Dept.: DDS/Engineering	Contact: Roger Patterson	Date: 02/13/2012	Asset Type: <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
CIP #: 1.1103	Project Title: Avenue E, SR 195 to County 18th Street, Corridor Analysis		

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:	\$ 59,000		Supplies and Services			
Federal\State:	\$ 471,000	CBI - Federal Aid	Capital Outlay:			
Other County Fund:			<b>Total:</b>		<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:			
<b>Total:</b>	<b>\$ 530,000</b>		Est. Mo. Oper. Start-up:			

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 59,000	\$ 59,000	\$ 28,500	\$ 30,500	\$ -	\$ 30,500	\$ -	\$ -	\$ -	\$ -
Federal Aid	471,000	-	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>\$ 530,000</b>	<b>\$ 59,000</b>	<b>\$ 28,500</b>	<b>\$ 30,500</b>	<b>\$ -</b>	<b>\$ 30,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**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.



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2012 / 2016

<b>Dept.:</b> DDS/Engineering	<b>Contact:</b> Roger Patterson	<b>1/26/2012</b>	<b>Asset Type:</b> <input checked="" type="checkbox"/> Additional <input type="checkbox"/> Replacement
<b>CIP #:</b> 1.1201	<b>Project Title:</b> 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:	\$ 68,194		Supplies and Services		
Federal\State:	\$ 416,807	HSIP federal aid	Capital Outlay:		
Other County Fund:			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 485,001</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		appr'd thru FY13	est exp thru FY13							
Property Acq:	\$ 20,000				\$ 20,000	\$ 20,000	\$ -	\$ -		
Design\Eng\Env'tl:	100,000				-		-			
Construction: FA	260,000							-	-	-
Administration	39,000								-	
Local & Review Fee	35,194				35,194	35,194	-			
Contingencies	13,000				13,000	13,000			-	
<b>Total:</b>	<b>\$ 467,194</b>				<b>\$ 68,194</b>	<b>\$ 68,194</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**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 500' 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.





# CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

Dept.: DDS / Engineering      Contact: Roger Patterson      Date: 06/25/2012      Asset Type:  Additional  Replacement  
 CIP #: 1.1202      Project Title: Avenue 3E: I-8 to US Hwy 95 and Hwy 95: Avenue 3E to Araby Road

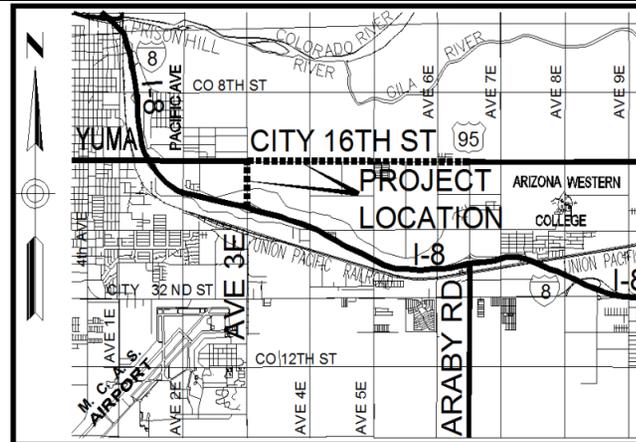
Project Funding		Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund	Start up Year	Typical Full Yr
General Fund:				
Bond Issue:				
HURF:	\$ 100,000			
Federal aid: Design	\$ 382,000			
Federal aid: Const	\$ 4,200,000			
Other:				
<b>Total:</b>	<b>\$ 4,682,000</b>		<b>\$0</b>	<b>\$0</b>

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		appr'd thru FY13	est exp thru FY13							
Property Acq:	\$ 75,822	\$ 75,822	\$ -	\$ 75,822	\$ -	\$ 75,822	\$ -	\$ -	\$ -	\$ -
Design (matching 5.7% share)	\$ 24,178	\$ 24,178	\$ -	\$ 24,178	\$ -	\$ 24,178	\$ -	\$ -	\$ -	\$ -
Design (Fed Aid)	382,000	-	-	-	-	-	-	-	-	-
Construction (Fed Aid) City of Yuma	4,200,000									
<b>Total:</b>	<b>\$ 4,682,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

The Area Service Highway Agreement has been amended as follows:  
 ADOT will provide federal aid funds for the design and construction for the  
 a) widening of the existing 2-lane roadway to 5 lanes on Avenue 3E, between I-8 and Hwy 95, and  
 b) a pavement preservation effort on Hwy 95: Avenue 3E to Araby Road.

The County will be responsible for the design phase, the City of Yuma for the construction effort.  
 An IGA with ADOT has been entered into for the design phase. (FY 12)  
 BA 13-08



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

<b>Dept.:</b> DDS / Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 06/25/2012	<b>Asset Type:</b> <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
<b>CIP #:</b> 1.1203	<b>Project Title:</b> County 14th Street from Avenue A to Avenue 3E 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:	\$ 84,355		Supplies and Services		
Federal aid	\$ 971,279	STP	Capital Outlay:		
Federal aid: Design			<b>Total:</b>	\$0	\$0
Other:	\$ 84,355	City of Yuma	FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 1,139,988</b>		Est. Mo. Oper. Start-up:		

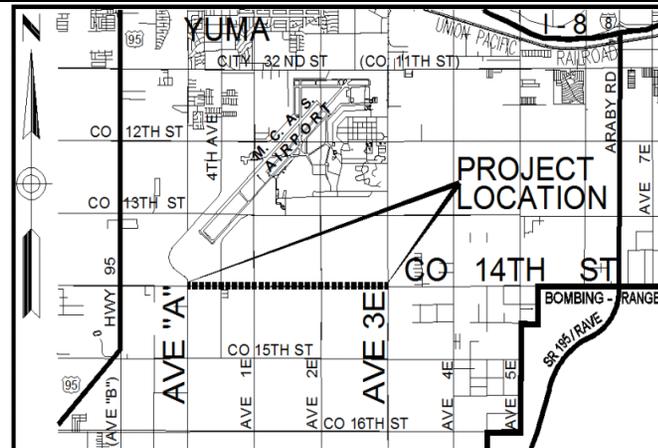
Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Envt'l:	\$ 110,000	\$ 110,000	\$ -	\$ 110,000	\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$ -
Constr. (Fed Aid)	971,279	-	-	-						
Const: Matching share	58,709				58,709	\$ 58,709				
<b>Total:</b>	<b>\$ 1,139,988</b>	<b>\$ 110,000</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ 58,709</b>	<b>\$ 168,709</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

County 14th Street Overlay Project was submitted to the YMPO TAC for possible funding using STP funds. The project was selected number one and funded. The project will overlay Co 14th Street from Avenue A to Avenue 3E and add left turn lanes at intersecting streets. The improvements will match the improvements that were constructed on Co 14th Street from Ave 3 to Ave 6 1/2 E using ARRA federal aid funds.

Eng'r's estimate for construction is \$1,029,988. STP funds in the amount of \$971,279 are available for construction and construction administration.

BA 13-12





# CAPITAL IMPROVEMENT PLAN

Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017			
Dept.: DDS / Engineering	Contact: Roger Patterson	Date: 12/17/2012	Asset Type: <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
CIP #: 1.1204	Project Title: 28th Street: Fortuna Rd to Camino Del Sol		

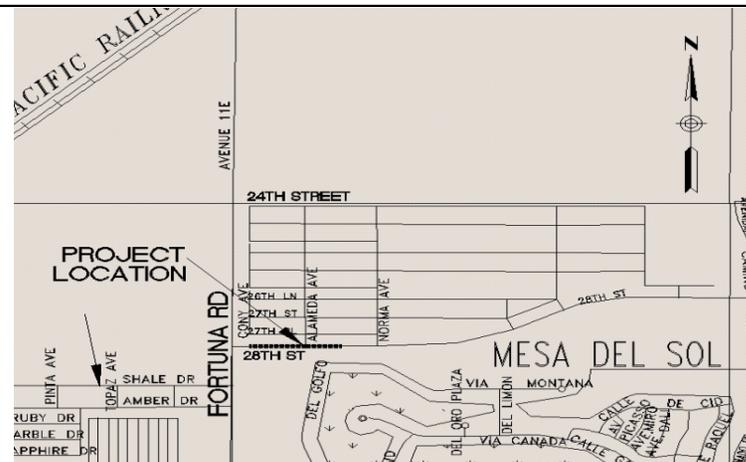
Project Funding			Annual Costs	Incremental Annual Operating Costs	
Sources	Amount	Grantor, Grant, County Fund		Start up Year	Typical Full Yr
General Fund:			No. of employees:		
Bond Issue:			Personnel costs:		
HURF:	\$ 118,600		Supplies and Services		
Federal aid			Capital Outlay:		
Federal aid: Design			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 118,600</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 8,600	\$ 8,600	\$ 8,600	\$ -	\$ -	\$ -				
Constr. (Fed Aid)	110,000	-	-	-		110,000				
Const: Matching share										
<b>Total:</b>	<b>\$ 118,600</b>	<b>\$ 8,600</b>	<b>\$ 8,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

28th Street and Alameda Avenue Intersection Improvement Project is in response to the Board's action to increase the speed limit from 25 MPH to 30 MPH along 28th Street and Camino del Sol throughout the Mesa del Sol Area. The improvements will match the existing improvements that were constructed as part of previous subdivisions. This is in response to a neighborhood comments that the existing dip crossing is too severe and that the speed limit is too low.

BAR #13-73



# CAPITAL IMPROVEMENT PLAN



Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

<b>Dept.:</b> DDS / Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 02/12/2013	<b>Asset Type:</b> <input type="checkbox"/> Additional <input checked="" type="checkbox"/> Replacement
<b>CIP #:</b> 1.1301	<b>Project Title:</b> County 25th Street from Avenue E 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:	\$ 225,000		Supplies and Services		
Federal aid	\$ -		Capital Outlay:		
Federal aid: Design			<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:	\$ 175,000	City of San Luis	FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 400,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:										
Design\Eng\Env'tl:	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Constr. (Fed Aid)	-	-	-	-						
Construction	175,000				175,000	\$ 175,000				
Const: San Luis	\$ 175,000									
<b>Total:</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 225,000</b>	<b>\$ 225,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**  
 The County constructed Avenue E to access the new Commercial Point of Entry from the Area Service Highway (Co. 23rd Street). The original allocation of Federal Aid provided for the construction of Avenue E: ASH to the POE and, Co 25th Street; Avenue E to Avenue D. ADOT provided a Federal Aid appropriation, however all of the funding was used to construct the round about to service the New GSA Point of Entry and ADOT's MVD facility.  
 A joint project is being developed with San Luis to improve the Co. 25th street: Avenue E to Avenue D connection.





# CAPITAL IMPROVEMENT PLAN

Yuma County **CAPITAL IMPROVEMENT PLAN** FY2013 / 2017

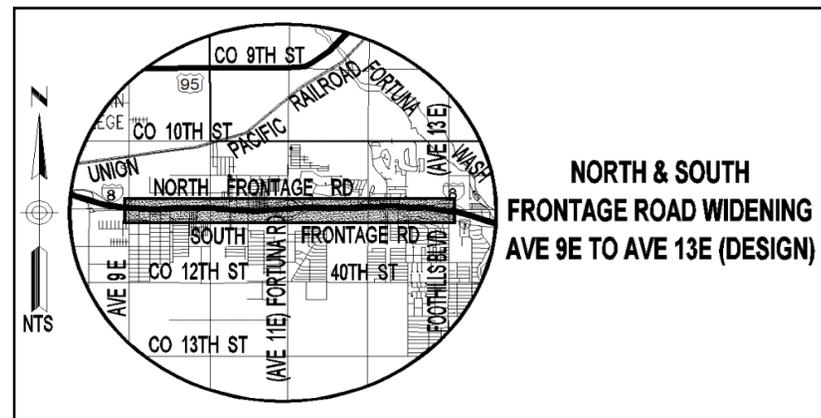
<b>Dept.:</b> DDS/Engineering	<b>Contact:</b> Roger Patterson	<b>Date:</b> 02/13/2012	<b>Asset Type:</b> <input type="checkbox"/> Additional <input type="checkbox"/> Replacement
<b>CIP # 1.1302</b>		<b>Project Title:</b> North I-8 Frontage Road widening, Avenue 10E to Avenue 11E (phase II)	

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:	\$ 4,150,000		Supplies and Services		
Federal:	\$	- YMPO STP funds	Capital Outlay:		
Other:	\$	- ADOT District Funds	<b>Total:</b>	\$0	\$0
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 4,150,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -
Design\Eng\Env't'l:	450,000	-	-	-	200,000	200,000	250,000			
Const. Phase II										
S. Frontage Rd	3,500,000	-	-	-	-	\$ -	400,000	500,000	600,000	700,000
	-	-	-	-		\$ -				
	-	-	-	-						
<b>Total:</b>	<b>\$ 4,150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 850,000</b>	<b>\$ 500,000</b>	<b>\$ 600,000</b>	<b>\$ 700,000</b>

**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

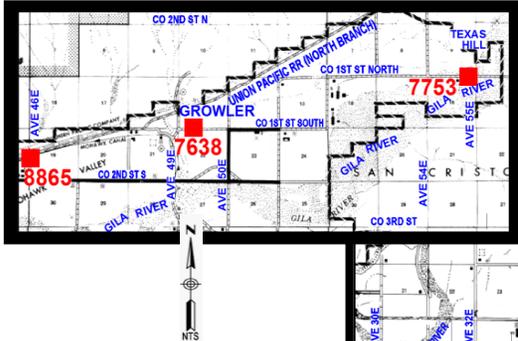


Yuma County <b>CAPITAL IMPROVEMENT PLAN</b> FY2013 / 2017										
<b>Dept.:</b> DDS/Engineering		<b>Contact:</b> Roger Patterson			<b>Date:</b> 02/13/2013		<b>Asset Type:</b> <input type="checkbox"/> Additional <input type="checkbox"/> Replacement			
<b>CIP 1.1303</b>		<b>Project Title:</b> Bridge deck 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:	\$ 400,000			Supplies and Services						
Federal:	\$ -			Capital Outlay:						
Other:	\$ -			<b>Total:</b>				\$0	\$0	
Other:				FY of Operating Start-Up:						
<b>Total:</b>	<b>\$ 400,000</b>			Est. Mo. Oper. Start-up:						
Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	-	-	-
Design\Eng\Env't'l:	100,000	-	-	-	80,000	80,000	50,000	50,000	-	-
Construction	300,000	-	-	-	-	-	-	300,000	-	300,000
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 80,000</b>	<b>\$ 80,000</b>	<b>\$ 50,000</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 300,000</b>

<b>Justification:</b>		
Five bridges in the Welton Mohawk Valley which were recently inspected as part of the bi-annual inspection are exhibiting Alkali-Silica Reactivity on the concrete deck and foundation. 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. The bridges are located at:		
Bridge #	Location:	Status:
7622	Ave 30E & Gila River	South abutment is undermined
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** FY2013 / 2017

Dept.: DDS/Engineering      Contact: Roger Patterson      Date: 05/06/2013      Asset Type:  Additional  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:	\$ 574,275	5.7% Local Match	Supplies and Services		
Federal:	\$ 9,500,725	FHWA Access Program	Capital Outlay:		
Other:	\$ -		<b>Total:</b>	<b>\$0</b>	<b>\$0</b>
Other:			FY of Operating Start-Up:		
<b>Total:</b>	<b>\$ 10,075,000</b>		Est. Mo. Oper. Start-up:		

Uses	Total Project Cost	cumulative:		carry over avail. for FY14	new appt'n FY14	est exp FY14	est exp FY15	est exp FY16	est exp FY17	est exp FY18
		apprt'd thru FY13	est exp thru FY13							
Property Acq:	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -			
Design\Eng\Env'tl:	114,855	-	-	-	114,855	114,855	-	-	-	-
Const. (local)	459,420	-	-	-	-	-	459,420	-	-	-
Federal Aid	9,500,725	-	-	-	760,058	760,058	8,740,667	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>\$ 10,075,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 874,913</b>	<b>\$ 874,913</b>	<b>\$ 9,200,087</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Justification:**

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.

BA 13-118

