



CITY OF BULLHEAD CITY

COUNCIL COMMUNICATION

MEETING DATE: October 5, 2010

SUBJECT: Citywide Projects List

DEPT OF ORIGIN: City Manager

DATE SUBMITTED: September 24, 2010

SUBMITTED BY: Toby Cotter, City Manager

SUMMARY: The citywide projects list and quarterly status report are presented for Council review. Progress and completion dates are under continuous review. The "to be determined" notation that appears on some projects will be updated to an actual date as the projects progress to a point of reasonable estimation.

Project #1: *Complete Preliminary Engineering and Environmental Study for Second Bridge in Cooperation with Clark County* – The TIGER II grant request has been submitted for \$37 million. Staff is diligently working to generate support for this grant request. We expect the request to be intensely competitive and we may have to continue trying to get the needed funds through future opportunities. There is also no firm news on the EA approval, except that it is imminent.

Project #2: *Lift Station Improvements, Expansions, Replacement* – The current project construction was completed in August, with the exception of the pumps arriving late from Germany, so project closeout was pushed back to early October. The construction is over 95% complete and operational without any significant issues and within schedule and budget. Also, McCormick Construction will have to repave the area by Merrill Lane, as the paving work done by them was unacceptable.

Project #4: *Revision of the City Engineering Design Standards Manual* – Staff has made no recent progress due to workload, but hopes to resume work soon.

Project #5: *Chaparral Wash Drainage System – Phase I & II* – Phase II is over 50% complete and expecting full completion in early October. Phase I construction should begin by the end of September and finish by end of the calendar year. Staff is planning to start design of last phase (Phase III) fairly soon.

Project #8: *Section 10 Wastewater Treatment Plan Improvements* – The ADEQ permit and EPA grant agreement have been received and are now ready to bid for construction. This project was delayed due to the grant process; but we were fortunate to receive \$286,000 in grant funding. Staff expects to receive competitive bids on this project.

Project #9: *Section 208 Wastewater Master Plan* – TAC meeting has been scheduled and staff is making progress.

Project #10: *Planning Assistance to Rural Area Regional Transportation Study* – Staff has proceeded with the next draft of the plan assuming the second bridge location is at the Parkway and the third bridge location is in the river bend area. This project is now moving forward. Staff is also getting functional classifications of streets to match the proposed plan.

Project #11: *Veteran's Park Boat Launch Replacement* – Right-of-Way application has been submitted and it is a 12-18 month process. Storms have deteriorated the boat launch even more. Staff is making some repairs.



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Project #12: *Design and Construction of a Photovoltaic System at City Hall* – KCS has made significant progress in the past several weeks. Underground work is complete, foundations were laid, and the steel support structures have been erected. The steel is scheduled to be painted the weekend of September 25. Due to high demand of solar energy components, the inverter delivery has been delayed by about 30 days. That means the project previously scheduled for completion by the end of October, is now scheduled for completion by the first week of December. This is unfortunate, but KCS will continue to request earlier delivery of the inverters.

Project #13: *Community Park Improvements – Construction of Restroom* – The restroom project is currently advertised for construction bids. We hope to start construction in October and finish in February.

Project #14: *Neighborhood Street Improvement Program #23* – Staff will develop this project detail in early 2011 for completion in Spring 2011.

Project #15: *Road Safety Audit Improvements* – The City received grant approval for \$450,000, but it will be a while before the City receives approval to move forward on this project.

Project #16: *Transit Facility* - Staff received notification from ADOT the ARRA funds are no longer available. This project has been cancelled.

FISCAL IMPACT:

The adopted FY 2010/2011 operating and capital budgets provide allocations as necessary for the projects on the list. Staff will seek Council authorization as appropriate.

ATTACHMENTS:

1. Citywide Projects List
2. Quarterly Status Report

RECOMMENDATION: Move to accept the citywide projects list and status report as presented.

APPROVED FOR SUBMITTAL BY:

Department Director

City Manager

CITY CLERK=S USE ONLY
COUNCIL ACTION TAKEN

Resolution No. _____
 Ordinance No. _____
 Approved _____
 Other _____

Continued To: _____
 Referred To: _____
 Denied _____
 File No. _____

**FY 2010-2011
City-Wide Projects**

Proj No.	Project Title	CIP Proj.No.	Lead Department Lead Person	Born On Date	Estimated Completion Date	Actual Completion Date
1.	Complete Preliminary Engineering and Environmental Study for Second Bridge in Cooperation with Clark County	ST-0708	Public Works Pawan Agrawal	09/28/04	To be Determined.	
2.	Lift Station Improvements, Expansions, Replacement	UT-0706 UT-1001	Public Works Bob Leuck	11/01/05	12/31/10	
3.	SR 95 Realignment		Public Works Mike Donnelly	07/01/06	To be Determined.	
4.	Revision of the City Engineering Design Standards Manual	FY 06/07	Public Works Vince Corazza	07/01/06	06/30/11	
5.	Chaparral Wash Drainage System-Phase I & II	SW-0701	Public Works Vince Corazza	07/01/07	06/30/11	
6.	Miscellaneous Sewer Improvements – Undetermined	UT-0904	Public Works Pawan Agrawal	To be Determined.	To be Determined.	
7.	AEL Street Improvements	ST-0918	Public Works Pawan Agrawal	To be Determined.	To be Determined.	
8.	Section 10 Wastewater Treatment Plant Improvements	UT-0903	Public Works Bob Leuck	10/01/08	06/30/10 06/30/11	
9.	Section 208 Master Plan	UT-1002	Public Works Bob Leuck	10/01/08	03/31/11	
10.	Planning Assistance to Rural Area Regional Transportation Study		Public Works Mike Donnelly	07/01/08	09/30/10 12/31/10	
11.	Veteran's Park Boat Launch Replacement	FY09/10	Parks & Rec. Karla Brady	08/04/09	To be Determined.	
12.	Design and Construction of a Photovoltaic System at City Hall	FY 09/10	City Admin. Susan Betts	10/20/09	To be Determined. 12/15/10	
13.	Community Park Improvements (b.) Construction of Restroom	FY 09/10 (AEL)	Public Works Bob Leuck	12/18/09	03/31/11	
14.	Neighborhood Street Improvement Program #23	ST-0901	Public Works Dennis Stubblefield	To be Determined.	To be Determined.	
15.	Road Safety Audit Improvements	ST-1001	Public Works Pawan Agrawal	To be Determined.	To be Determined.	
16.	Transit Facility	GG-1101	Parks & Rec. Karla Brady	Project Cancelled	Project Cancelled	Project Cancelled

**FY 2010-2011
City-Wide Projects**

Project No.	Project Title & Project Description	CIP Project No.	Lead Dept. Lead Person	Status
1.	<p>Title: Complete Preliminary Engineering and Environmental Study for Second Bridge in Cooperation with Clark County</p> <p>Description: This item is to provide for possible City contribution in the coming fiscal year for the second bridge project. Federal appropriation of \$21,000,000 will be the primary financing but some matching funds may be needed.</p>	ST-0708	Public Works Pawan Agrawal	<p>03/25/10-FHWA determined De Minimus was not approved for Riverview as they believe there is significant noise and visual impact. The IDT Team has been trying to get FHWA to approve the Bullhead City Parkway alignment at this time.</p> <p>06/07/10-No new update for this reporting period. There was a recent IDT Team meeting held, but we did not learn anything new except additional public meetings are planned this summer. No details have been received.</p> <p>09/20/2010-The TIGER II grant request has been submitted for \$37 million. Staff is diligently working to generate support for this grant request. We expect this grant request to be intensely competitive and we may have to continue trying to get the needed funds through future opportunities. There is also no firm news on the EA approval, except that it is imminent.</p>

**FY 2010-2011
City-Wide Projects**

Project No.	Project Title & Project Description	CIP Project No.	Lead Dept. Lead Person	Status
2.	<p>Title: Lift Station Improvements, Expansions, Replacement</p> <p>Description: This is the expansion, replacement, rehabilitation, upgrade, new construction or in some instances the elimination (and proper closure) of existing lift stations within our sewer collection system. A new lift station is needed at Merrill (18-1), and upon completion the Section 16 WWTP and the Edgewater lift station will be closed under this project. Expansion, replacement, rehabilitation or elimination is needed for several additional lift stations, including Pass Canyon (16-2), Community Park (18-4), Colorado (16-4), Yale/Terrace (10-1), Primrose (10-2) and Palo Verde Meadows (10-5). Some or all of the following lift stations (18-4, 16-4, 10-2, and 10-5) will be eliminated by the installation of gravity sewers if determined feasible under this project. Odor control systems and emergency generators will be upgraded or installed (if not currently existing) over the next several years at the existing lift stations when determined necessary. The majority of funding for these projects will come from Enterprise funds, although some grant and development contributions are expected.</p>	<p>UT-0706 UT-1003 UT-1001</p>	<p>Public Works Bob Leuck</p>	<p>12/18/09-We are making good progress and are ahead of schedule. The boring under the highway is near complete; lift station 18-1 wet well is poured.</p> <p>03/25/10-We have made good progress. Both lift station wet wells, deep gravity line, and tunnel under SR95 is complete. We are ahead of schedule by two months.</p> <p>06/07/10-The current project (18-1 & 18-2) is progressing well. We are looking at substantial completion in mid July by starting up the lift stations and doing the flow transfer. This project close out is likely by early August. The next scheduled project is 10-1 at Yale/Terrace.</p> <p>09/20/2010-The current project construction was completed in August, with the exception of the pumps arriving late from Germany so project closeout was pushed back to early October. The construction is over 95% complete and operational without any significant issues and within schedule and budget. Also, McCormick Construction will have to repave the area by Merrill Lane, as the paving work done by them was unacceptable.</p>
3.	<p>Title: SR 95 Realignment</p> <p>Description: ADOT is the lead on the project with Mohave County and the City as participants. On May 2, 2006, Council approved an IGA between the State of Arizona, the City of Bullhead City, and Mohave County regarding a study for the SR95 realignment. Council directed the City Manager to authorize payment of \$250,000 to ADOT contingent upon the execution of the IGA by all parties.</p>		<p>Public Works Mike Donnelly</p>	<p>12/18/09-No update for this reporting period.</p> <p>03/25/10-No update for this reporting period.</p> <p>06/07/10-Public meetings continue to be held. There is nothing significant to report for this update.</p> <p>09/20/2010-No update for this reporting period.</p>

**FY 2010-2011
City-Wide Projects**

Project No.	Project Title & Project Description	CIP Project No.	Lead Dept. Lead Person	Status
4.	<p>Title: Revision of the City Engineering Design Standards Manual</p> <p>Description: A thorough review/update is warranted. The last set was developed in 1998 and the City has changed significantly since that time. A Technical Advisory Committee (TAC) will be formed and each section will be reviewed. Staff has completed preliminary work and is ready to proceed with the TAC in the next few months.</p>	FY 06/07	Public Works Vince Corazza	<p>03/25/10-We have resumed work on this project as time permits.</p> <p>06/07/10-We are making slow progress on this project as time permits.</p> <p>09/20/2010-Staff has made no recent progress due to workload, but hopes to resume work soon.</p>
5.	<p>Title: Chaparral Wash Drainage System-Phase I & II</p> <p>Description: Phase I Design is to build a larger outfall for increase capacity as well as intersection improvements to allow for positive drainage. Phase II would be to drain Chaparral Wash flood waters that go through Chaparral Golf Course and gather at Via Arroyo for a half of a block up to 20 inches deep.</p>	SW-0701	Public Works Vince Corazza	<p>12/18/09-Staff is developing options and analysis of the project. One meeting has been held with the golf course and a preliminary presentation was given. By early 2010, staff may have a plan of action and some consensus. By mid 2010 staff may have construction started.</p> <p>03/25/10-We have completed the analysis and preliminary design and initiated public outreach. We have scheduled several public meetings and hope to complete design this summer after getting the buy-in with the affected parties.</p> <p>07/01/10-We are getting close to bidding the first phase construction. Staff hopes to put out the bids in July.</p> <p>09/20/2010-Phase II is over 50% complete and expecting full completion in early October. Phase I construction should begin by the end of September and finish by end of the calendar year. Staff is planning to start design of last Phase (Phase III) fairly soon.</p>
6.	<p>Title: Miscellaneous Sewer Improvements - Undetermined</p> <p>Description: This project will take care of any miscellaneous sewer projects that arise during the fiscal year.</p>	UT-0904	Public Works Pawan Agrawal	9/20/2010-No update for this reporting period.
7.	<p>Title: AEL Street Improvements</p> <p>Description: The City has an annual street improvement program based on the current Pavement Condition Index (PCI). The street conditions were evaluated in 2006. The specific project(s) are to be determined at a later time by the Capital Investment Advisory Committee.</p>	ST-0918	Public Works Pawan Agrawal	<p>07/01/10-Funds of \$213,556 has been appropriated for this project.</p> <p>09/20/2010-No update for this reporting period.</p>

**FY 2010-2011
City-Wide Projects**

Project No.	Project Title & Project Description	CIP Project No.	Lead Dept. Lead Person	Status
8.	<p>Title: Section 10 Wastewater Treatment Plant Improvements</p> <p>Description: Design and construction of a new head works facility and ultraviolet (UV) disinfection crane, replace the treatment plant's main operation and controls system (SCADA), refurbish one of the existing buildings or construct a new shop building, provide ground stabilization to prevent erosion throughout the plant site, conduct an optimization evaluation to determine improvements to the plant to increase efficiencies, reduce operating costs and provide higher quality treatment.</p>	UT-0903	Public Works Bob Leuck	<p>12/18/09-All that remains for construction to start is ADEQ approval and the EPA grant processing. City action items are complete.</p> <p>03/25/10-EPA approved the NEPA document this week, but we have not received it yet. Next step is that we begin a 60-day process to get an IGA with EPA before going out for construction bids. We expect ADEQ approval concurrently in this 60-day time frame.</p> <p>06/07/10-The EPA grant process really slowed down this project, but we anticipate receiving \$286,000 of Federal money for this project. We are within 90-days of bidding this project as per EPA estimates of the time remaining to process our application. We will have no real loss due to the delay and the bidding climate is still very good.</p> <p>09/20/2010-The ADEQ permit and EPA grant agreement has been received and are now ready to bid for construction. This project was delayed due to the grant process; but we were fortunate to receive \$286,000 in grant funding. Staff expects to receive competitive bids on this project.</p>
9.	<p>Title: Section 208 Wastewater Master Plan</p> <p>Description: This project will update the City's Comprehensive Wastewater Master Plan (208 Plan) and develop a cost-effective, efficient means for addressing the wastewater needs of properties within the City of Bullhead City Limits. Included will be the preparation of a GIS-based hydraulic computer model of the existing collection and effluent reuse systems and an important component of the master plan will be the development of an effluent reuse/disposal plan for the City. This project will also identify, investigate and develop options for increasing the city's water resources and maximize the use of the current resources.</p>	UT-1002	Public Works Bob Leuck	<p>03/25/10-Interviews of the three finalists were held the week of March 22nd and staff expects to present a contract for Council award in April.</p> <p>06/07/10-PBS&J was awarded the contract and has been working on this for over a month already. We have also formed a Technical Advisory Committee (TAC) of local stakeholders to guide this process. Public meetings will be scheduled and Council updates will be provided by presentations at Council meetings as we get to significant milestones in the project. Council member Clark has been invited to be in the TAC, as well as some Planning & Zoning and Parks & Recreation commissioners.</p> <p>09/20/2010-TAC meeting has been scheduled and staff is making progress.</p>

**FY 2010-2011
City-Wide Projects**

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10.	<p>Title: Planning Assistance to Rural Area Regional Transportation Study</p> <p>Description: The Arizona Department of Transportation (ADOT) conducts Planning Assistance for Rural Areas (PARA) studies in partnership with local governments across Arizona. The primary objective of the PARA program is to develop a transportation plan for a defined local area that will guide multi-modal planning and programming on local roads over a 20-year timeframe. A PARA will inventory current conditions for all travel modes, identify deficiencies, forecast future needs, and identify and analyze alternative solutions. The PARA will develop a program of recommended transportation improvements and provide a staged implementation guide to meet short-, mid-, and long-range needs. ADOT will reimburse the City 100% for this study.</p>		Public Works Mike Donnelly	<p>12/18/09-This project has stalled due to its ties to the bridge alignment selection even though ADOT has assigned another project manager. We will need to restart this project once the bridge team makes further progress with the alignment selection.</p> <p>03/25/10-This project will continue to be on hold until the bridge alignment is selected.</p> <p>06/07/10-Due to the bridge project not progressing adequately and the traffic model shows two additional bridges needed, we have decided to move ahead with this plan showing the City will get these two bridges at future dates. One bridge will be shown in the Riverbend area (no specific location, but ranging from Silver Creek to Riverview) and another at the south end of the Bullhead Parkway.</p> <p>09/20/2010-Staff has proceeded with the next draft of the plan assuming the second bridge location is at the Parkway and the third bridge location is in the river bend area. This project is now moving forward. Staff is also getting functional classifications of streets to match the proposed plan.</p>
11.	<p>Title: Veteran's Park Boat Launch Replacement</p> <p>Description: Replacement of the cement boat launch and boat dock installation.</p>	P&R-1001	Parks & Rec. Karla Brady	<p>10/26/09-Arizona Game & Fish is trying to contact Arizona State Land Department regarding a longer term on the Special Land Use Permit (SLUP).</p> <p>12/18/09-No update for this reporting period.</p> <p>03/26/09-Management spoke with ASLD about a right-of-way permit for a long term. Arizona Game and Fish are open to that long term instrument of control for eligibility for grant.</p> <p>06/07/10-Staff met with ASLD on 6/17/10 to review draft of Right-of-Way application for 20-years.</p> <p>09/20/2010-Right-of-Way application has been submitted. It is a 12-18 month process. Storms have deteriorated the boat launch even more. Staff is making some repairs.</p>

**FY 2010-2011
City-Wide Projects**

Project No.	Project Title & Project Description	CIP Project No.	Lead Dept. Lead Person	Status
12.	<p>Title: (a.) Design of a Photovoltaic System at City Hall</p> <p>Description: Partnership with Mohave Electric Cooperative (MEC) to construct a 50kW photovoltaic system at City Hall to expand local use of renewable energy, reduce energy demand, raise awareness of renewable resources, and provide environmentally-friendly benefits to the public and the members of the utility by reducing reliance on carbon-based fossil energy.</p>		City Admin. Susan Betts	<p>03/25/10-At their March 2, 2010 meeting, Council authorized the City Manager to enter into the contract for Phase One design services with Kinney Construction Services, Inc. (KCS). Anticipate returning to Council in June with Phase Two of the contract for construction. If all goes as planned, the solar array could be online and generating energy by the end of July.</p> <p>06/10/10-Staff have worked with KCS toward the final development of project design. Negotiations of the Phase Two-Construction phase contract and the Guaranteed Maximum Price (GMP) are ongoing. Staff now anticipates presenting a Phase Two construction contract to the City Council in July. Construction would commence shortly thereafter.</p>
12.	<p>(b.) Construction of a Photovoltaic System at City Hall</p>		City Admin. Susan Betts	<p>09/20/10-KCS has made significant progress in the past several weeks. Underground work is complete, foundations were laid, and the steel support structures have been erected. The steel is scheduled to be painted the weekend of September 25. Due to high demand of solar energy components, the inverter delivery has been delayed by about 30 days. That means the project was previously scheduled for completion by the end of October, is now scheduled for completion by the first week of December. This is unfortunate, but KCS will continue to request earlier delivery of the inverters.</p>
13.	<p>Title: Community Park Improvements</p> <p>Description: Construction of Restroom</p>	P&R-0713	Public Works Bob Leuck	<p>12/18/09-Project will bid in March 2010, construction to start after Burro BBQ in April and completion before Regatta in August.</p> <p>03/25/10-This project may get delayed due to workload. We may not be in a position to complete the project in time for Regatta, if so; the project will begin after the Regatta.</p> <p>06/07/10-This project has been delayed as we could not have completed it before the regatta and we cannot take down existing restrooms until after regatta. Staff plans to start after Hardyville Days and finish early part of next year.</p> <p>09/20/2010-The restroom project is currently advertised for construction bids. We hope to start construction in October and finish in February.</p>
14.	<p>Title: Neighborhood Street Improvement Program #23</p> <p>Description: The scope of this project to be determined.</p>	ST-0901	Public Works Dennis Stubblefield	<p>09/20/2010-Staff will develop this project detail in early 2011 for completion in Spring 2011.</p>

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City-Wide Projects**

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15.	<p>Title: Road Safety Audit Improvements</p> <p>Description: This project will include Bullhead Parkway reflectivity upgrade with additional guardrails, traffic signals, turn lanes, ADA ramps and intersection reconstruction.</p>	ST-1001	Public Works Pawan Agrawal	09/20/2010-City received grant approval for \$450,000, but it will be a while before we actually get the green light to do the work.
16.	<p>Title: Transit Facility</p> <p>Description: Construction of a Transit Support Facility using Federal funding. The Transit Support Facility will consist of the following: Administrative Office 3,454 sq. ft., Transit Station Building 1,007 sq. ft., Bus Port 7,624 sq. ft., Shop 4,111 sq. ft., Office Shop 853 sq. ft., and a Park & Ride Lot with 81 parking stalls with shade structures.</p>	GG-1101	Parks & Rec. Karla Brady	09/20/2010-Staff received notification from ADOT the ARRA funds are no longer available. This project has been cancelled.