



Update of Major Projects – FY2015

May 6, 2015

Capital Projects

Maintenance, Repair and Replacement Projects

Major Operations & Maintenance Projects

Pleasant Grove Well Issues



List of Major Projects for FY2015 – CIP

Project Title / Description	Project Type	Year Initiated	Previous Allocation(s)	FY2015 Allocation	Total Allocation
Zion Crossroads CPA - Phase 1 Hydrogeologic Study	CAP	FY2014	\$ 50,000	\$ 0	\$ 50,000
Library & Public Safety Buildings - Lighting Improvements	CAP	FY2015	\$ 0	\$ 39,000	\$ 39,000
Carysbrook - Field Lighting Electrical Improvements	MRR	FY2014	\$ 37,000	\$ 0	\$ 37,000
Zion Crossroads CPA - Public Water & Sewer Systems	CAP	FY2014	\$ 575,000	\$ 4,075,000	\$ 4,650,000
JRWA - Raw Water Uptake (Funding & Admin)	CAP	FY2015	\$ 0	\$ 2,000,000	\$ 2,000,000
Fork Union Streetscape Project	CAP	?	\$ 414,287	\$ 0	\$ 414,287
Admin Building - HVAC & Interior Improvements	MRR	FY2012	\$ 350,000	\$ 0	\$ 375,000
Space Renovation & Utilization Project (aka MACAA)	MRR	FY2014	\$ 50,000	\$ 75,000	\$ 125,000
Administration Building - Exterior Repairs	MRR	FY2015	\$ 0	\$ 38,750	\$ 38,750
Community Center - Replace Roof	MRR	FY2015	\$ 0	\$ 62,620	\$ 62,620
Library & Public Safety Building - Potable Water System	CAP	FY2015	\$ 0	\$ 45,000	\$ 45,000
General - Elevator Repairs	CAP	FY2014	\$ 28,000	\$ 0	\$ 28,000
Convenience Center - Replace Office Trailer	MRR	FY2015	\$ 0	\$ 22,000	\$ 22,000

KEY

GREEN TEXT = Project Complete

Blue Text = Project Underway

ORANGE TEXT = Project on Hold



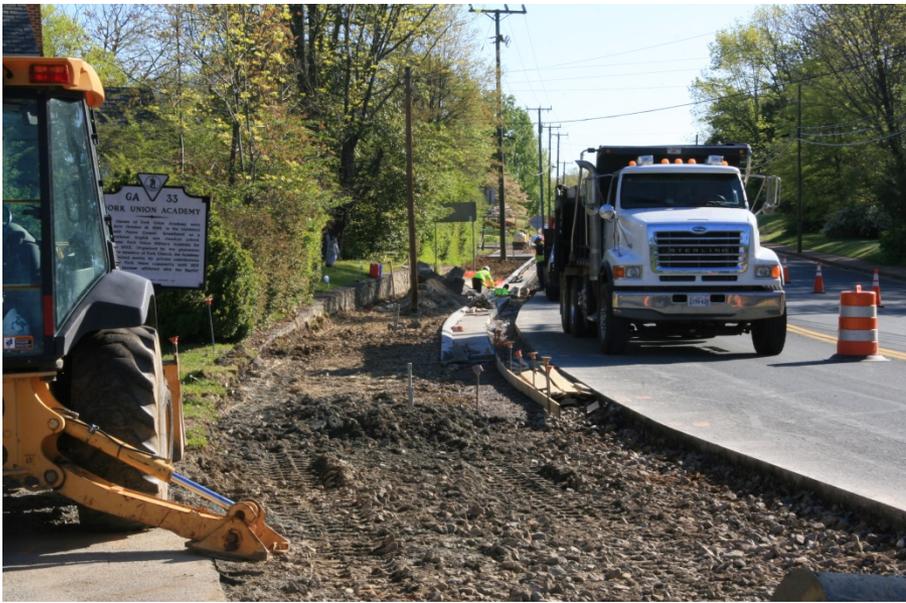
List of Major Projects for FY2015 – O&M

Project Description	Project Type	FY2015 Budget
Courthouse Building - New HVAC Controls	O&M	\$ 17,500
Carysbrook & Fork Union - Signage Plan	O&M	\$ 15,000
Pleasant Grove - Signage Plan	O&M	\$ 15,000
Pleasant Grove - Electric Service Improvements	O&M	\$ 4,000
Administration Building - Repair Leaking Elevator Pit	O&M	\$ 3,500
Administration Building - Flooring Repairs	O&M	\$ 4,000
Public Safety Building - Relocate Generator	O&M	\$ 18,000
Public Safety Building - Repair/Replace Sidewalks	O&M	\$ 5,900



Fork Union Streetscape Project

- **Construction is Underway**
- **Contractor is S. Walker Construction**
- **VDOT Grant-Funded**
- **Replaces Curb, Gutter, Sidewalk on west side of Route 15, from Post Office to Academy Road**
- **Adds two handicap ramps and crosswalks**
- **Adds Street Lights along new sidewalks**



View North from Gas Station – 04/29/15



New Driveway Entrance – 04/29/15



New Curb, Gutter & Sidewalk – 05/05/15



New Storm Drain Inlet – 05/05/15



Demolition of Old Sidewalk – 04/29/15



Demolition of Old Sidewalk - 04/29/15



New Entrances – 05/05/15



Northern Terminus of Project – 05/05/15



Building Renovations and Space Utilization Plan

This project includes various renovations and improvements to the following:

- Carysbrook Gymnasium (Basement)**
- Community Center**
- Administration Building**
- Treasurer's Building (Basement)**
- MACAA Building (aka Maintenance Shop)**
- Two Small Brick Buildings in Palmyra**



Building Renovations and Space Utilization Plan

While expenditures are being tracked separately based on individual CIP & MRR budgets, funds for this multi-part project are coming from the following:

- MACAA Building Renovation CIP**
- Administration Building HVAC & Interior CIP**
- Administration Building Exterior Repairs MRR**



Building Renovation & Space Utilization Plan - Renovations to Be Performed

Building Description	Asbestos Abatement	New Flooring	Ceiling Grids & Tiles	LED Lighting	Paint & Trim	Electrical	HVAC
Gymnasium (Basement)	✓	✓	✓	✓	✓	Improve	-
Community Center - Main Office, Kitchen & Room 7	✓	✓	✓	✓	✓	Improve	-
Administration Building - 2nd & 3rd Floor Hallways	-	-	✓	✓	-	-	Improve
Administration Building - 3rd Floor - COAD Suite	✓	✓	✓	✓	-	-	New
Administration Building - 3rd Floor - Extension Office	✓	✓	✓	✓	✓	-	New
Administration Building - 2nd Floor - Finance Department	-	✓	-	✓	✓	-	Improve
Administration Building - 2nd Floor - Planning Department	-	-	✓	✓	✓	Improve	Improve
Treasurer's Building (Basement)	-	-	-	✓	✓	Improve	-
MACAA Building (aka Maintenance Shop)	-	-	✓	✓	✓	Replace	Replace
Two Small Brick Buildings (Near Historic Courthouse)	-	-	-	✓	✓	-	-



Space Utilization Plan - Office Relocations

Department / Agency	Old Location	New Location	Status of Move
MACAA	"MACAA Building"	Gymnasium (Basement)	Complete
Pottery Studio	Gymnasium (Basement)	Community Center	Complete
Cooperative Extension	3rd Floor Administration Building	Community Center	Complete
Public Works - Buildings & Grounds	Treasurer's Building (Basement)	Maintenance Shop (aka "MACAA")	Pending
Finance Department	2nd Floor Administration Building	3rd Floor Administration Building	Pending
CSA	Old Brick Building #1 (Clerk's Office)	2nd Floor Administration Building	Pending
Information Technology (IT)	Old Brick Building #2	Treasurer's Building (Basement)	Pending
Emergency Services	3rd Floor Administration Building	2nd Floor Administration Building	Pending



New Community Center Sign



Renovated Parks & Recreation Office



Renovated Extension Office



Renovated Extension Office



New Pottery Studio



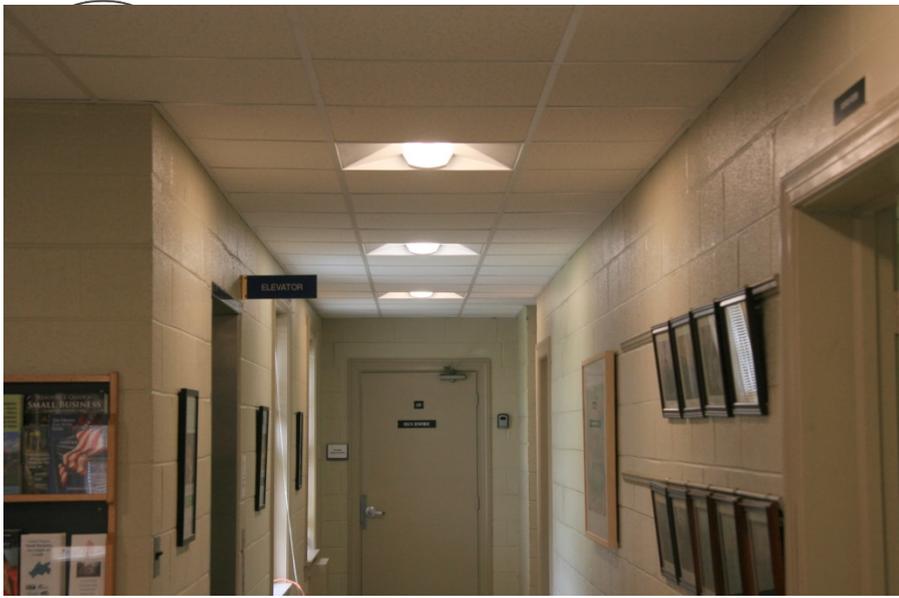
Cabinets in Pottery Studio



Renovated Storage Area



Renovated JABA Office



Admin Building – 3rd Floor Hallway



Admin Building - 3rd Floor Hallway



New Light Poles on Commons Blvd



New Light Poles on Commons Blvd



New Issue – Contaminated Well Serving the Pleasant Grove House

- **The Well also serves the new Comfort Station, the Community Garden and Yard Hydrants in the event area**
- **The Well is under influence of surface run-off**
- **Consistently Fails Bacteriological Tests**
- **Water is discolored during/after rain events**
- **Likely cause is cracked plastic well casing or grout failure**

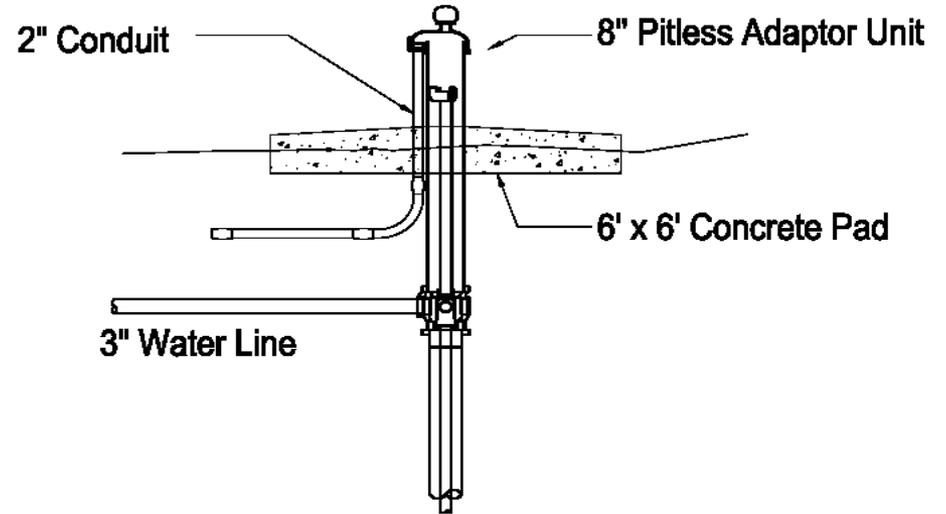


PG House Well Remediation Plan – Part 1:

- **Drill new 8” well approximately 25’ from existing well**
 - **Drill and construct as “Public Water Supply” – Class IIB**
 - **Permitting is Underway with VDH**
 - **Obtaining Pricing from Well Drillers**
- **Properly Abandon existing well**
- **Quantity and Quality Testing (48 hour drawdown test)**
- **Construct Pitless Adaptor & Concrete Apron**
- **Connect to PG House using existing water lines**



Existing Well Head



Proposed Well Head w/Pitless Adaptor & Concrete Pad



Typical Pitless Adaptor Installations



PG House Well

Recommended Remediation Plan – Part 2:

Construct a Well House

- To contain water storage tank; well controls; chemical injection system & supplies; other treatment equipment (if applicable) --- **OUTSIDE** the Pleasant Grove House
- Safer and more efficient operation of well
- The new well can easily be re-routed to well house
- Exterior façade can be made to complement PG House
- Allows for easier future connection to regional public water system



Examples of Well Houses & Well Covers



Painted Stone



Smooth River Stone



Rough Hewn Timbers



Field Stone



"Stone" Cover for Pitless Unit



Brick