

1. Meeting Agenda (PDF)

Documents: [AGENDA - 04-09-14 \(PDF\).PDF](#)

2. PowerPoint (PDF)

Documents: [POWERPOINT PRESENTATION - 04-09-14 \(PDF\).PDF](#)

# **Joint City-County Planning Task Force**

**Busch Building, 4<sup>th</sup> Floor Conference Room  
840 Boonville**

## **Meeting #15**

**9:30 a.m. - 11:00 a.m. - April 9, 2014**

- I. Welcome and Opening Remarks – Tim Smith and Greg Burris
- II. Approval of meeting notes from March 26, 2014 meeting
- III. Operational Issues: Unfunded capital needs, life cycle capital replacement costs, fuel costs. - Greg Burris & Tim Smith
- IV. Review revised Schedule and Topics for future meetings – Tim Smith and Greg Burris
- V. Topics for next meeting
- VI. Adjourn

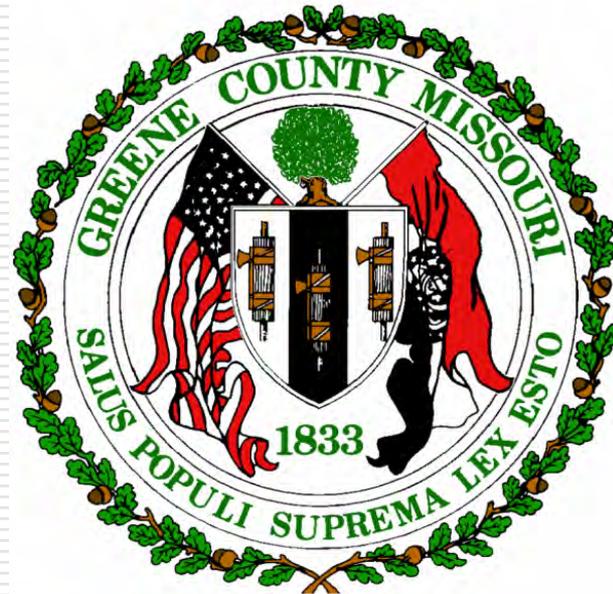
# *Joint City-County Planning Task Force*

## *Meeting #15, April 9, 2014*

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### **Greene County**

- Unfunded Capital Needs
- Life Cycle Replacement Costs
- Fuel Costs



# ***Unfunded Capital Needs***



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*A **capital improvement** is any addition or alteration to real property that substantially adds to the value of the real property, or appreciably prolongs the useful life of the real property.*

*For the purpose of this presentation, **capital improvements** consist of:*

- Buildings*
- Roads/Bridges & Other Transportation Improvements*
- Storm Drainage Infrastructure*

# **Unfunded Capital Needs**

## **Buildings**



### **Current Building Needs:**

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- *Judicial Courts – Family/Juvenile Courts Building Expansion\**
- *Sheriff's Offices*
- *Jail Expansion*

*\*In order to provide more space in the existing Judicial, Juvenile buildings and jail, it is necessary to relocate the Sheriff's Administrative Division, Patrol, Criminal Investigations Division and Records Division and evidence storage to another facility.*

Greene County

Capital Improvement Needs for Public Safety 9/10/13

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## Critical Needs

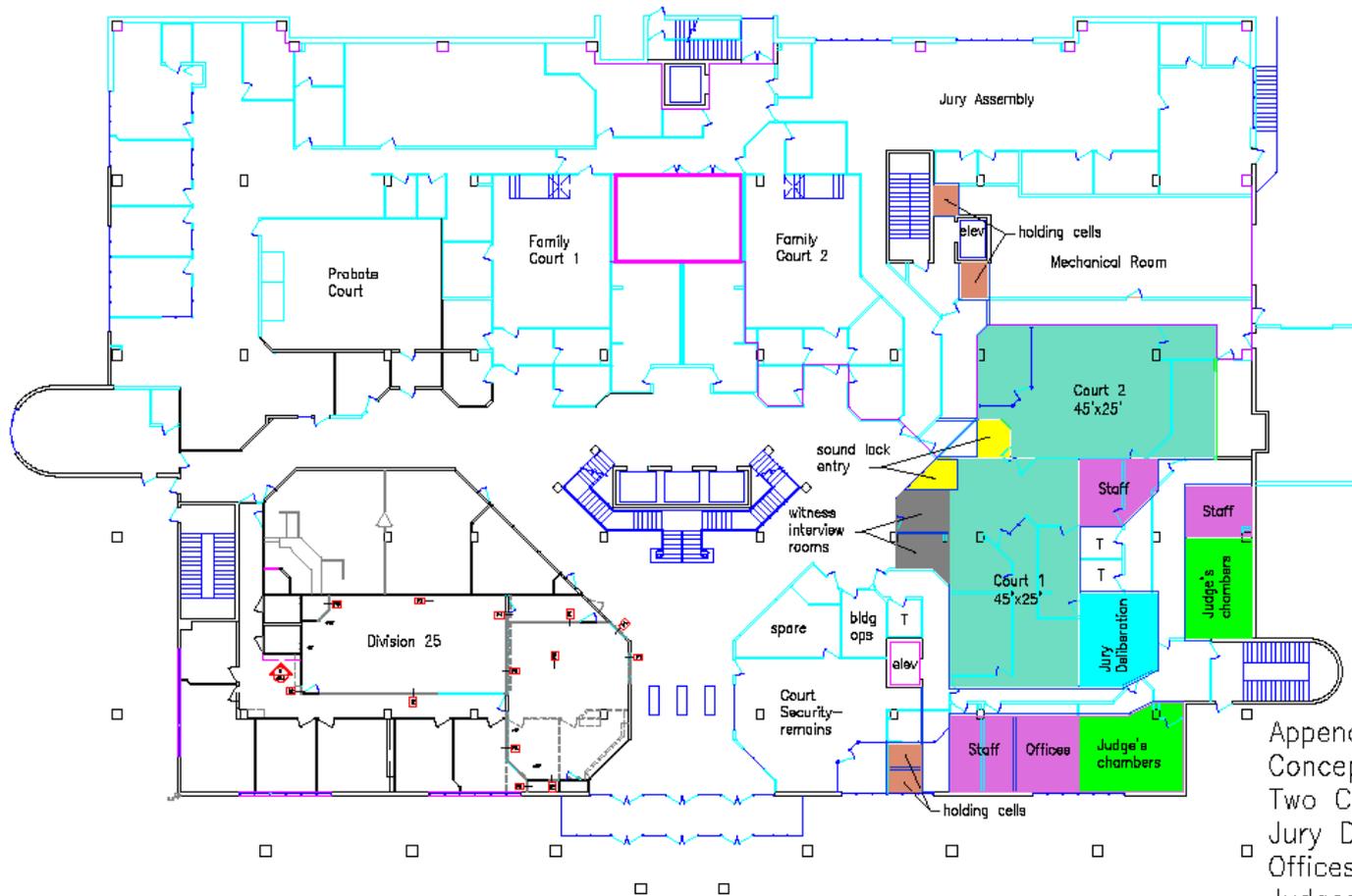
- Minimum security housing area for jail
- Courtrooms for new judges
  - Both of these displace other functions for which space must be provided

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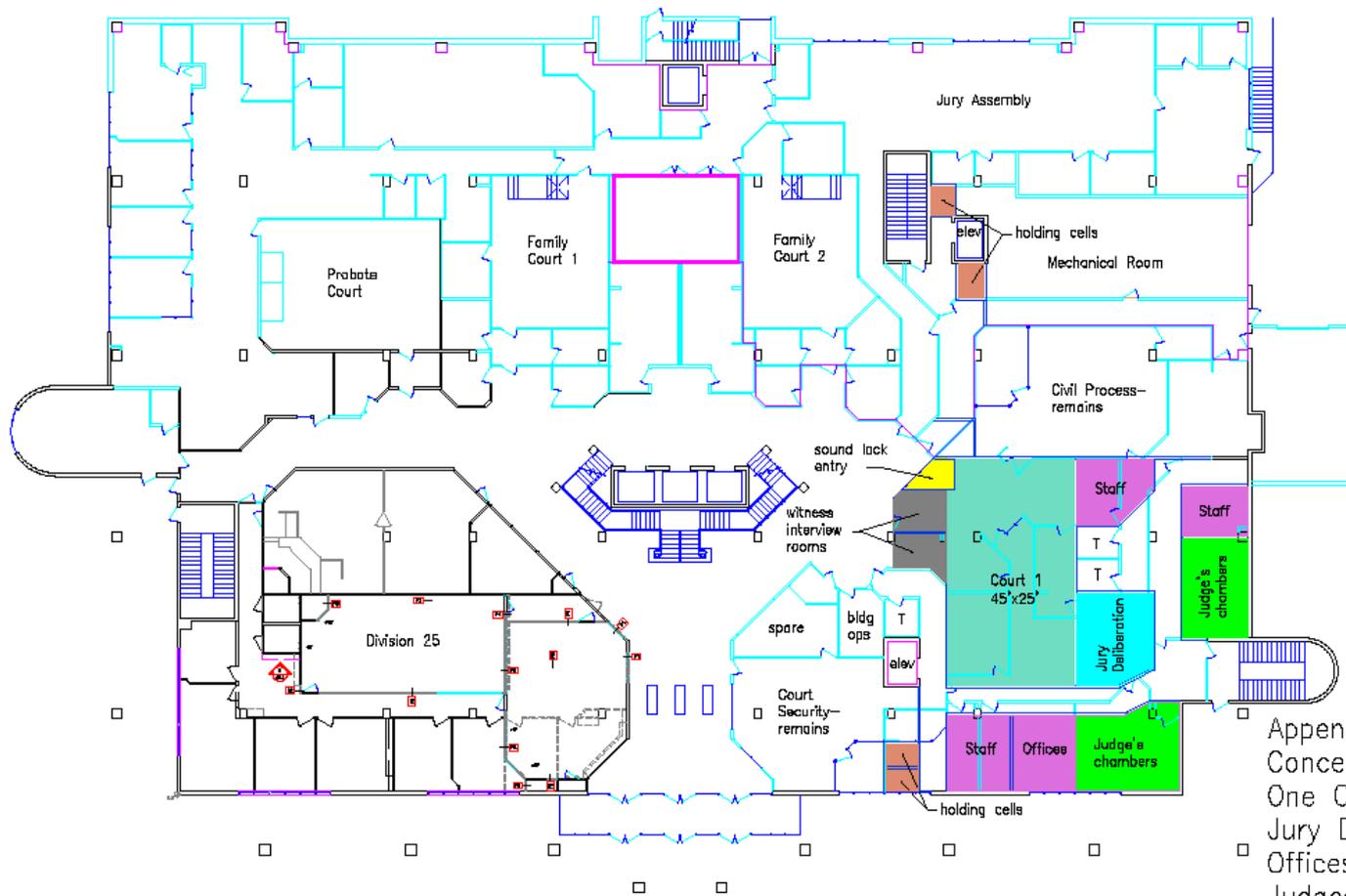
□ Immediate needs 9/10/13:

- Courtrooms: \$1 million
- Courtrooms plus relocations: \$2 to 2.5 million
- Minimum security area in jail: \$1.5 million (current plan \$500,000)

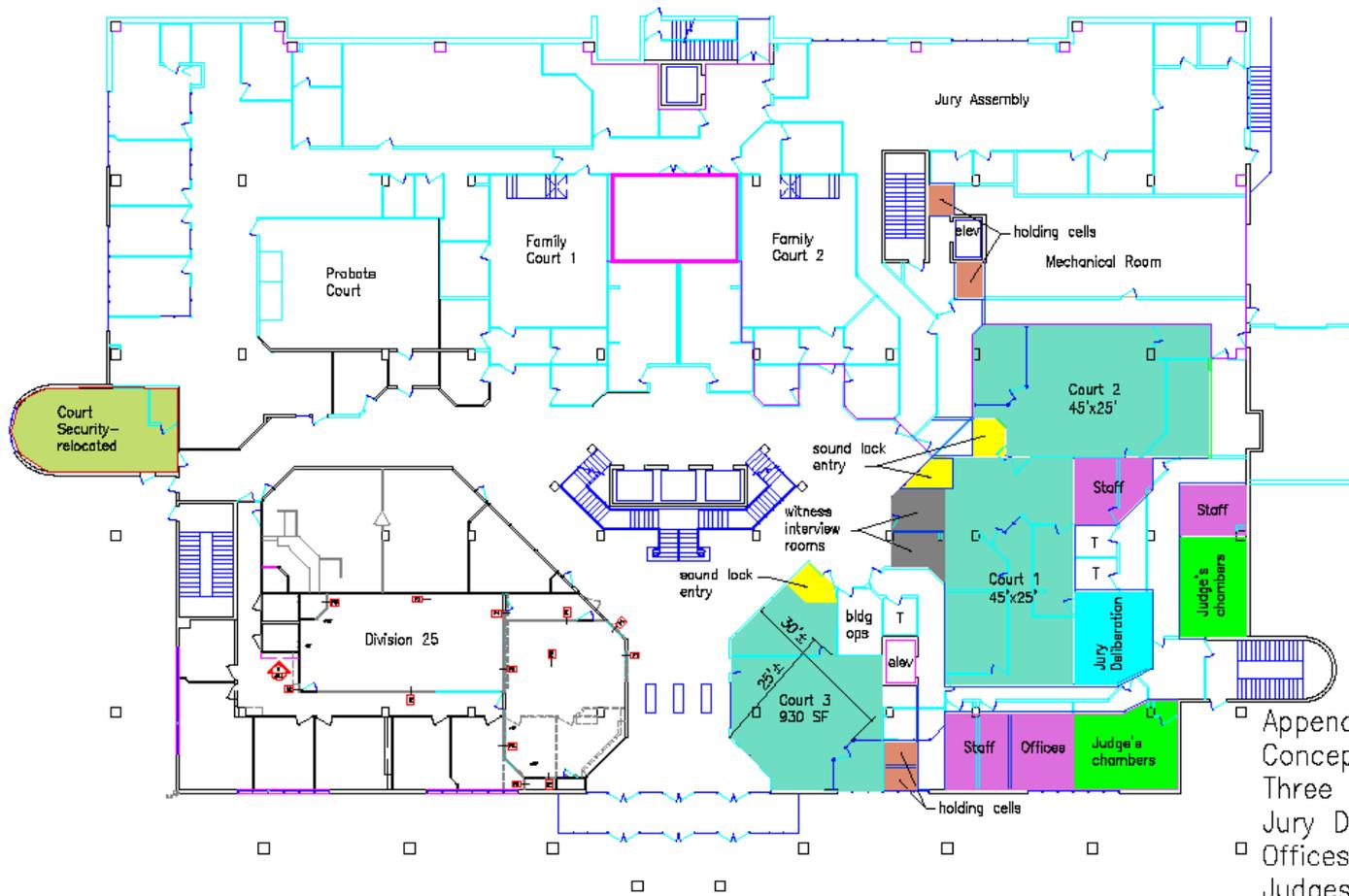




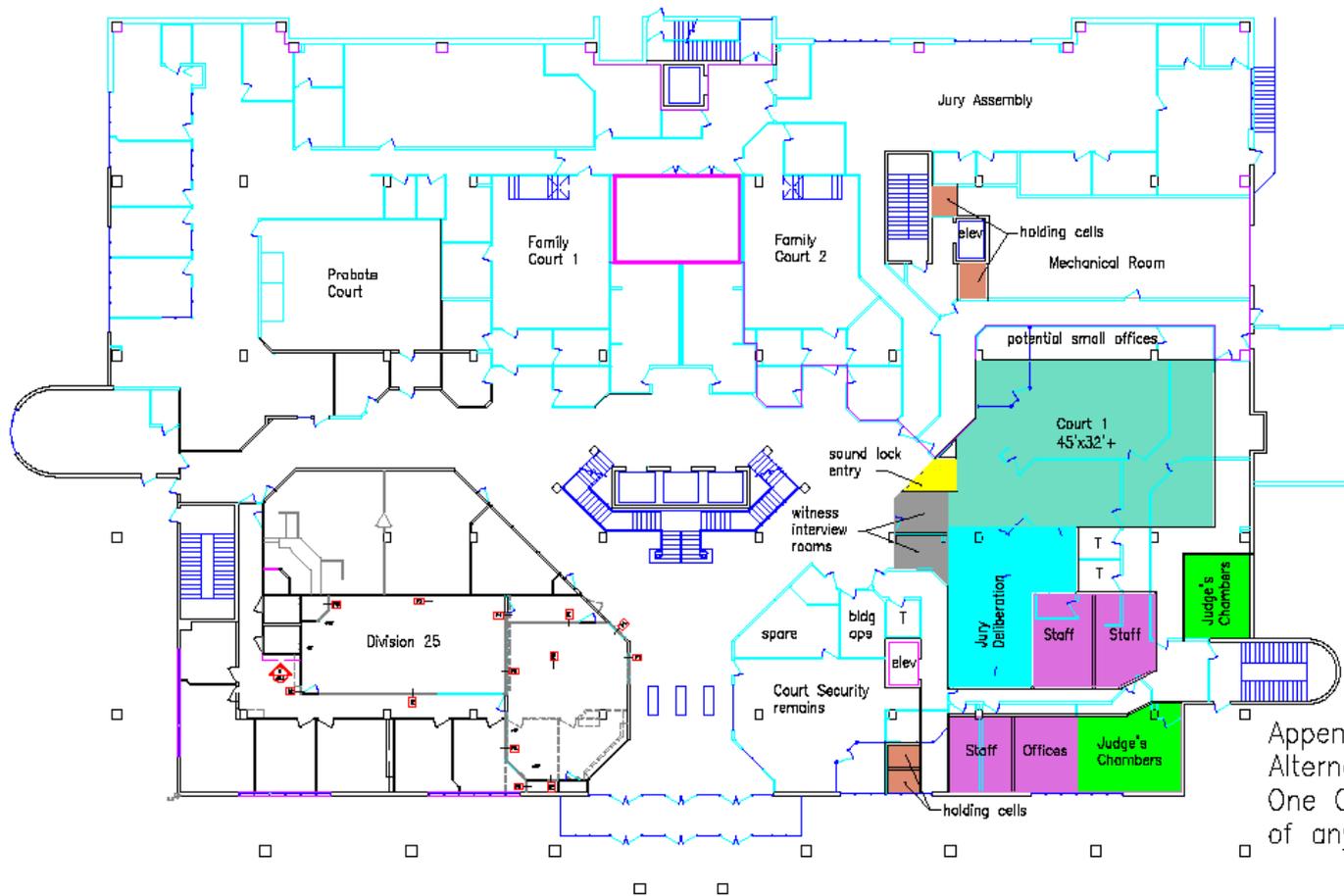
Appendix B-2  
 Concept 2:  
 Two Courts  
 Jury Deliberation  
 Offices for two  
 Judges and staff



Appendix B-1  
 Concept 1:  
 One Court  
 Jury Deliberation  
 Offices for two  
 Judges and staff



Appendix B-3  
 Concept 3:  
 Three Courts  
 Jury Deliberation  
 Offices for two  
 Judges and staff

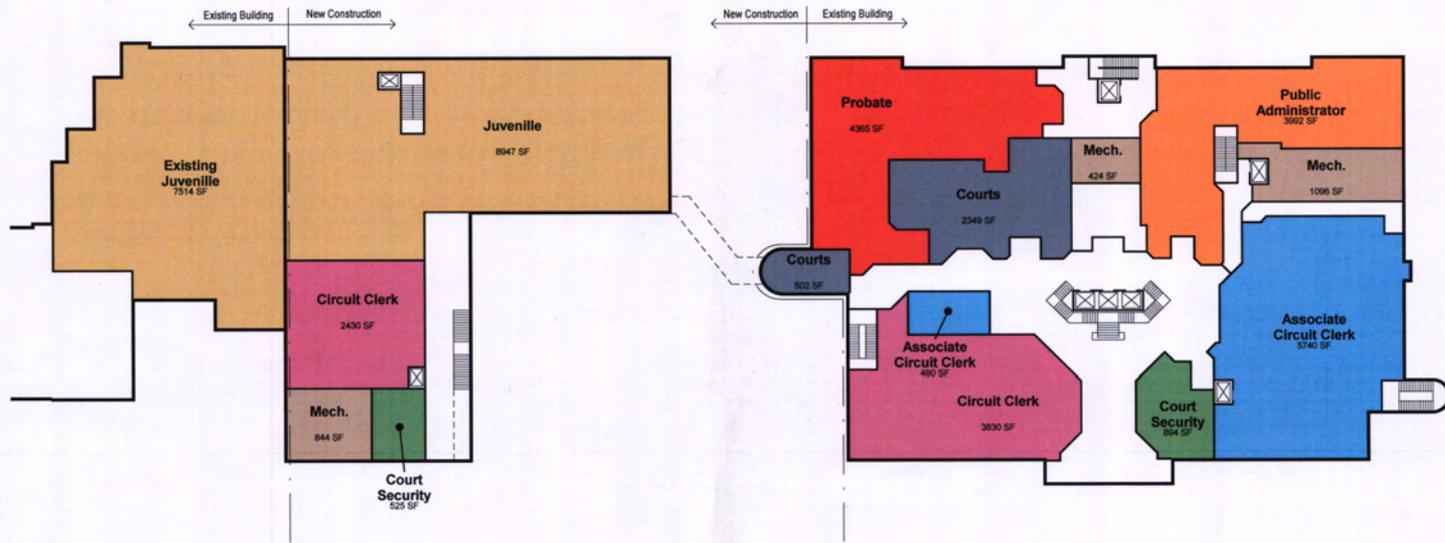


Appendix B-4  
 Alternate:  
 One Court clear  
 of any columns

## □ 2009 CAMPUS MASTER PLAN- GOALS:

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- 20 total courtrooms (3 new rooms)
  - New circuit court
  - New family court
  - New visiting Judge's court
  
- 118,000 sf total facility area (+37,000 sf) within Judicial Courts and Juvenile
  
- 5 additional judges are still needed according to the weighted case load study. Courtrooms & offices for 5 additional courts would add 10,000 – 15,000 sf.



First Floor Plan Diagram

1" = 40'-0"

# Greene County Judicial Courts Master Plan

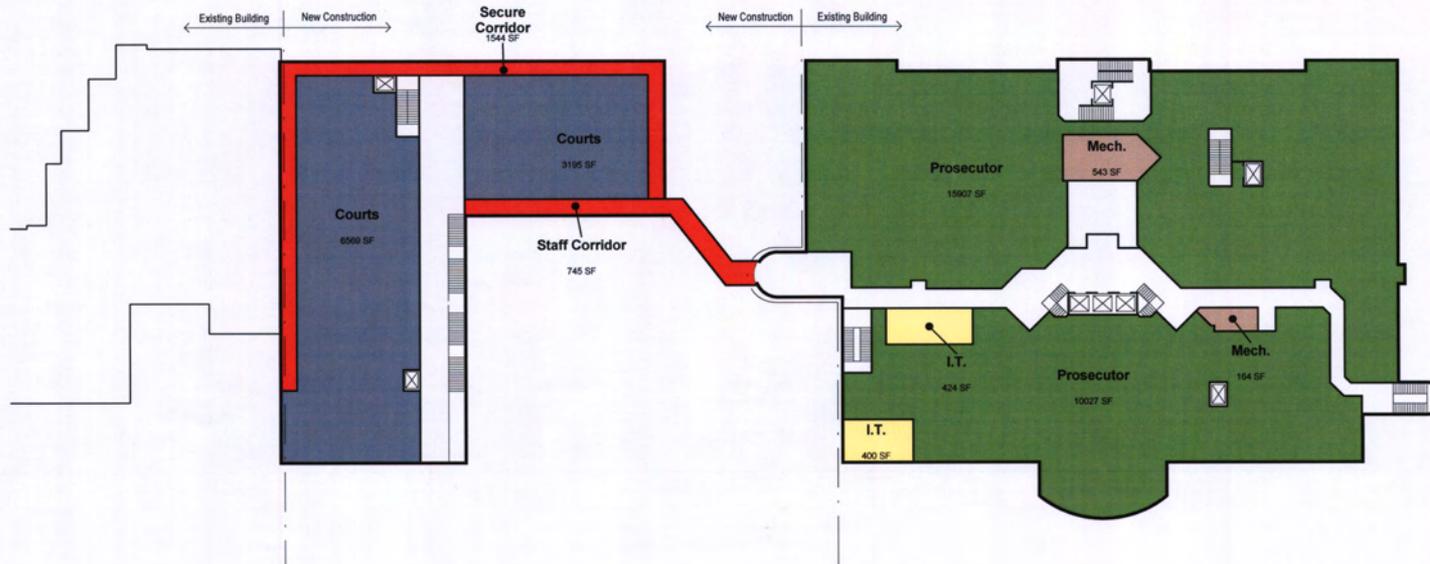
February 20, 2009



Architecture  
Engineering  
Interior Design  
Landscape Architecture

319 N. Main Ave., Suite 200  
Springfield, Missouri 65806  
Phone: 417.865.6100  
www.bkpa.com





Second Floor Plan

# Greene County Judicial Courts Master Plan

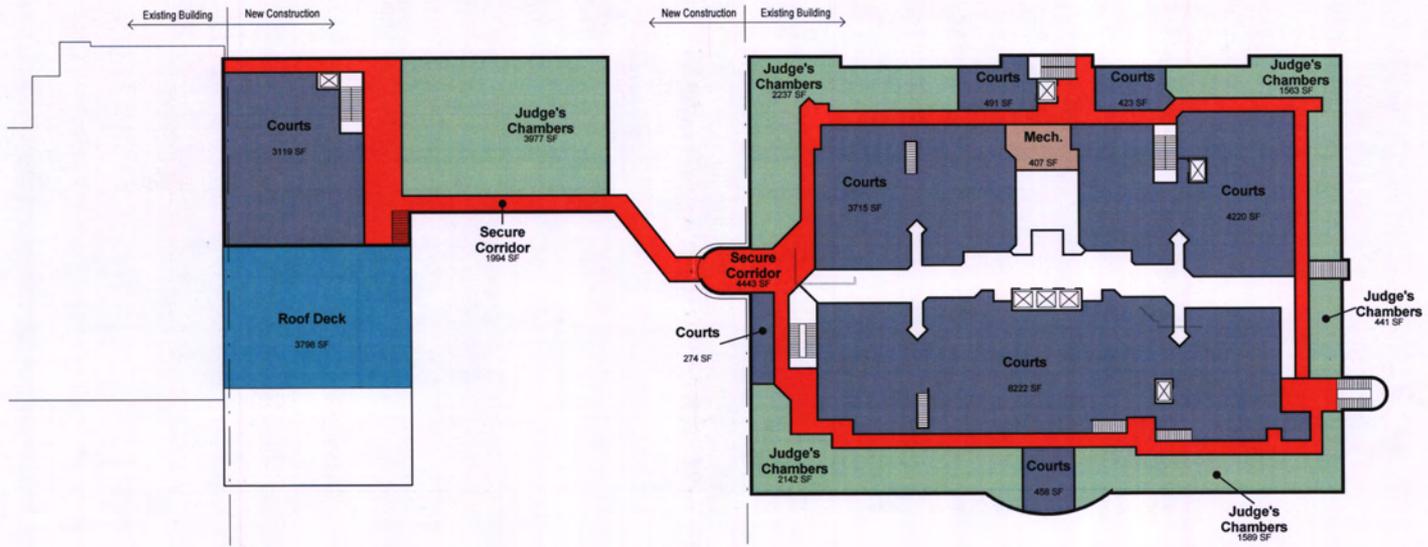
1" = 40'-0"

February 20, 2009



Architecture  
Engineering  
Interior Design  
Landscape Architecture

319 N. Main Ave., Suite 200  
Springfield, Missouri 65806  
Phone: 417.865.6100  
www.bates.com



Third Floor Plan

1" = 40'-0"

# Greene County Judicial Courts Master Plan

February 20, 2009



Architect  
 Engineering  
 Interior Design  
 Landscape Architecture

319 N. Main Ave., Suite 200  
 Springfield, Missouri 65806  
 Phone: 417.865.6100  
 www.bcpac.com

## □ Sheriff's Department Projected Needs, based on 2009 Campus Master Plan:

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- Total Facility Space to 30,000 sf, based on 02-20-09 memo
  - 15,000 sf 2006 report, projected 2011 need for patrol, detectives, records, evidence
  - 6,000 sf 2006 report, projected 2011 need for admin., evidence storage
  - Plus the need for physical training space, currently using PSC basement

On the horizon soon....

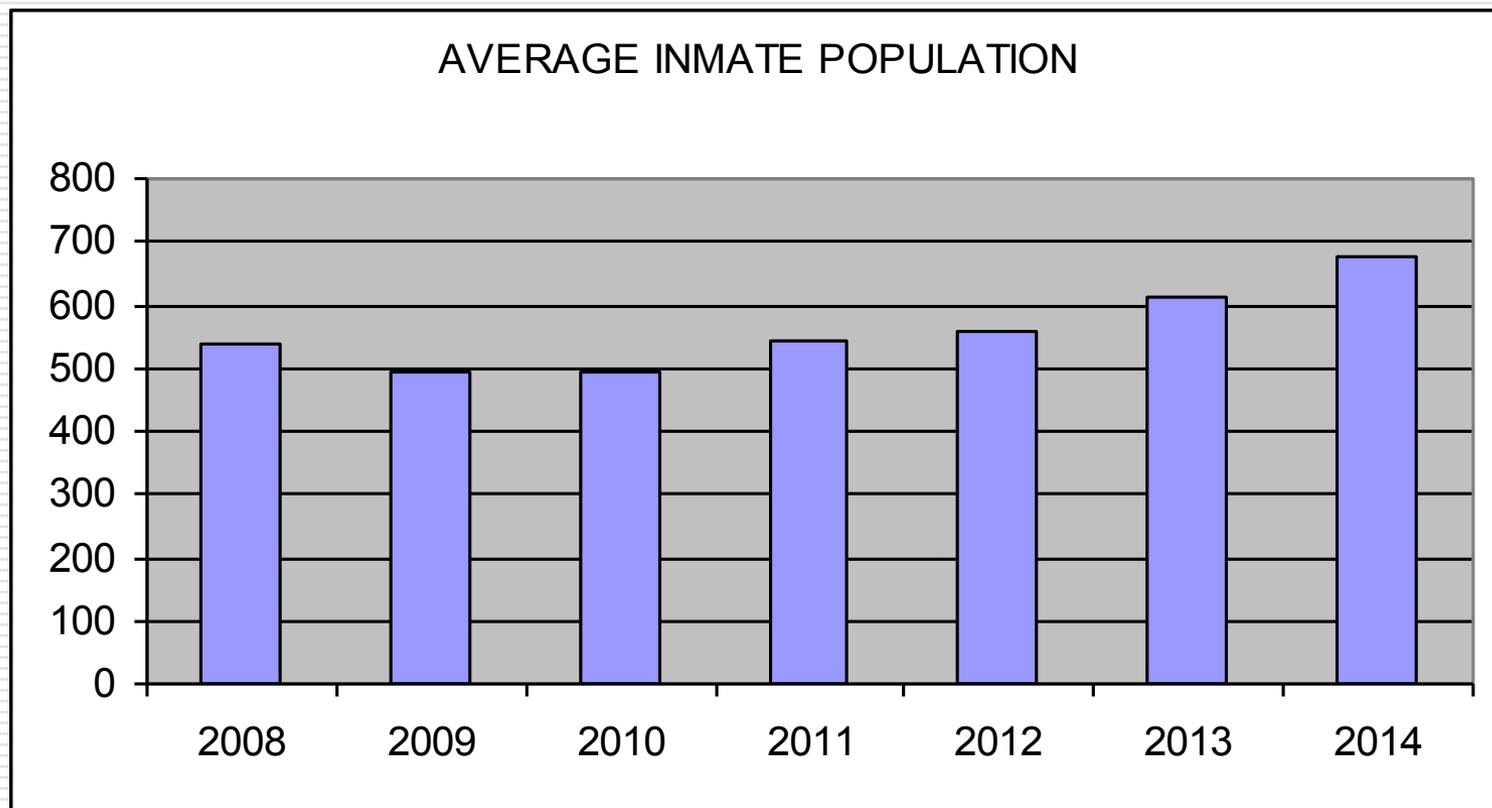
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□ Jail expansion



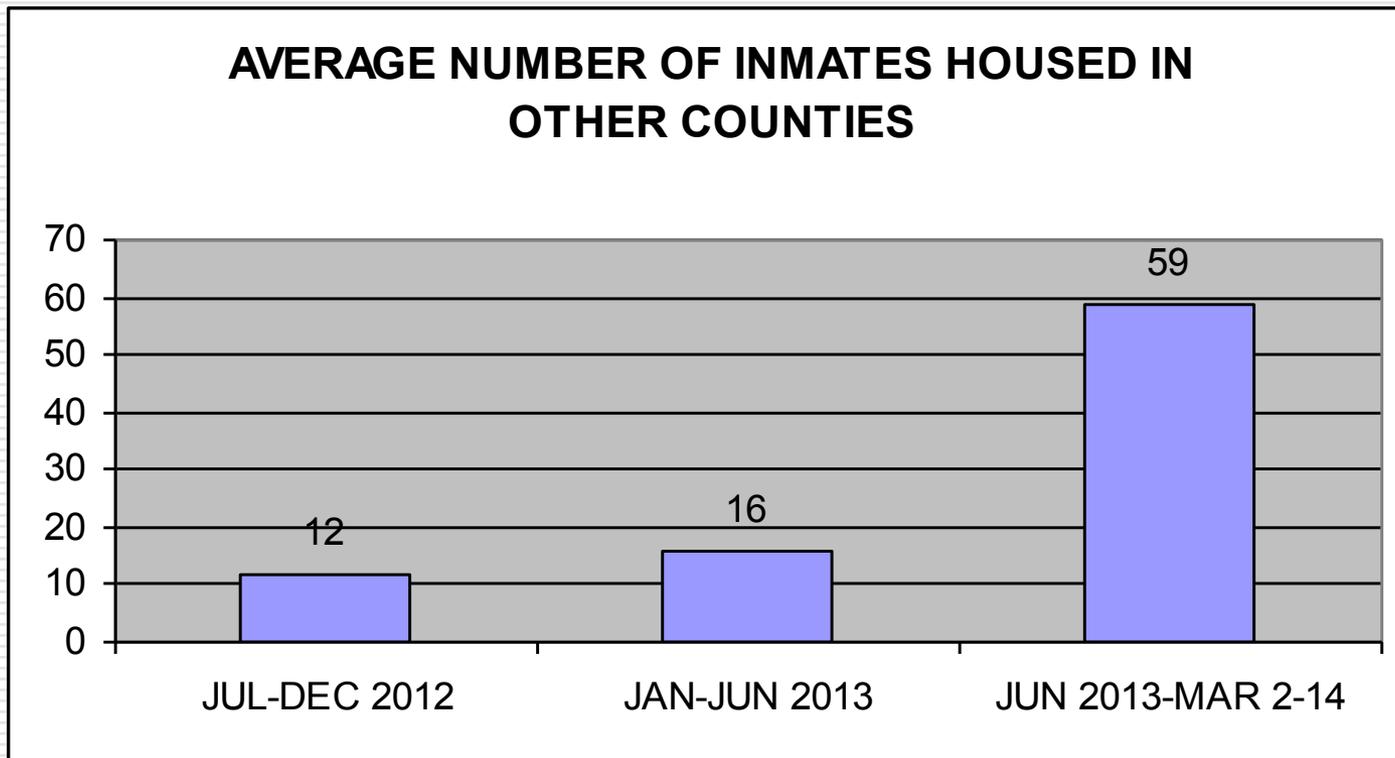
# Increasing Jail Population - *up 25% since 2010*

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# Jail Population Over Capacity – *out of County inmate housing up 536% since 2012*

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# **Unfunded Capital Needs**

## **Buildings**



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### **Current Building Needs:**

*Judicial Courts – Family/Juvenile Courts  
Building Expansion\*:*

*\$12 - 15 million*

*Sheriff's Offices:*

*\$ 3 - 5 million*

*Jail Expansion:*

*\$25 - 30 million*

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**TOTAL:**

**\$40 - 50 million**

***THIS IS CONSTRUCTION COST ONLY!!***

***Additional Annual Operating costs will run \$9 - \$10 million.***

# **Unfunded Capital Needs**

## **Roads/Transportation**

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### **10-Year Priority Transportation Projects:**

*Total estimated construction costs: \$159.0 million*

*Funding available with current  
Revenue sources: \$ 33.0 million*

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***Funding deficit: \$126.0 million***

# ***Unfunded Capital Needs*** ***Storm Drainage Facilities***

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## ***Needs Estimated for 2012 Stormwater Task Force***

***Unfunded stormwater improvements  
for unincorporated Greene County:                      \$61 million***

***\* These needs do NOT include unfunded environmental mandates included in  
the Integrated Plan.***

# ***Life Cycle Replacement Costs***

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## ***Unfunded Life Cycle Replacement Costs Include\*:***

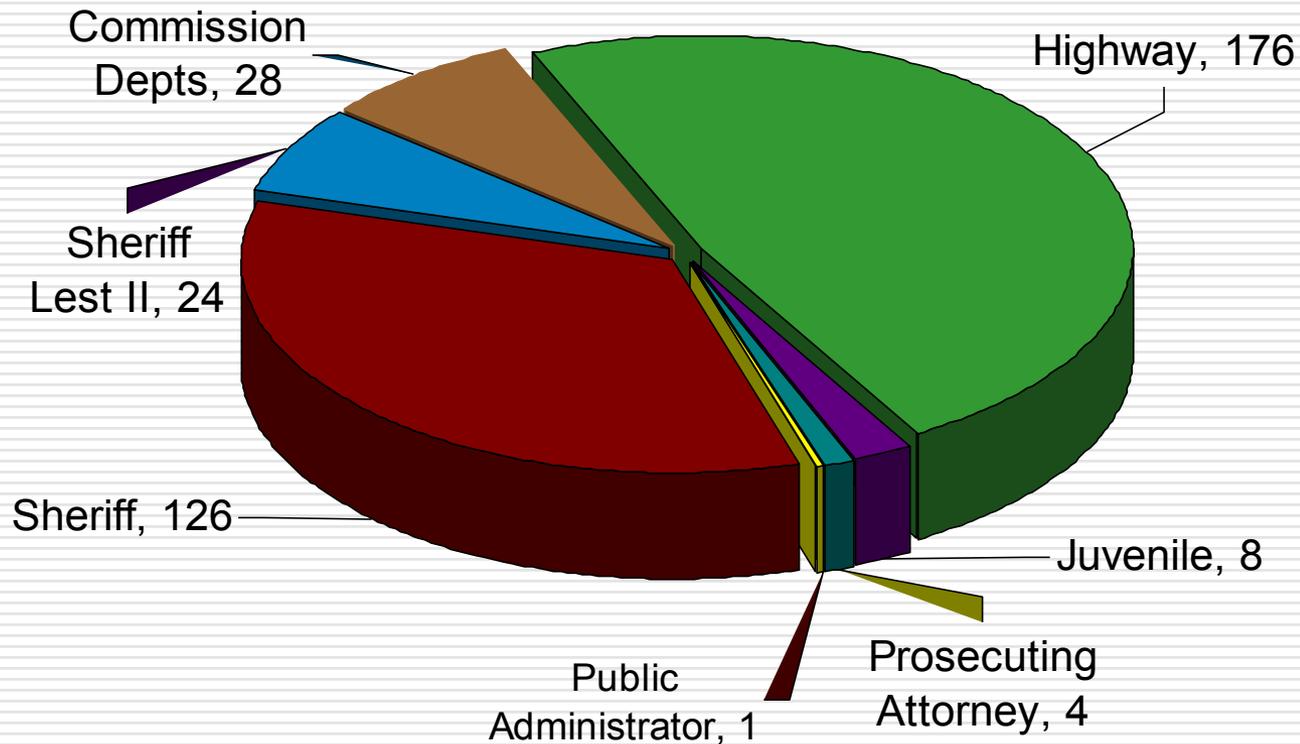
- ***Vehicles & Motorized Equipment***
- ***Storm Drainage System***
- ***Information Technology Equipment & Software***
- ***Major Building Maintenance***

*\*The budgets for the Road & Bridge Fund and LEST II Fund include life cycle replacement costs for vehicles & equipment. Budgets for the General Fund and LEST I Fund do not include replacement costs for vehicles and equipment.*

# Life Cycle Replacement Costs Vehicles & Equipment



**Unit Allocation**  
**Total in Fleet: 367**



# Life Cycle Replacement Costs

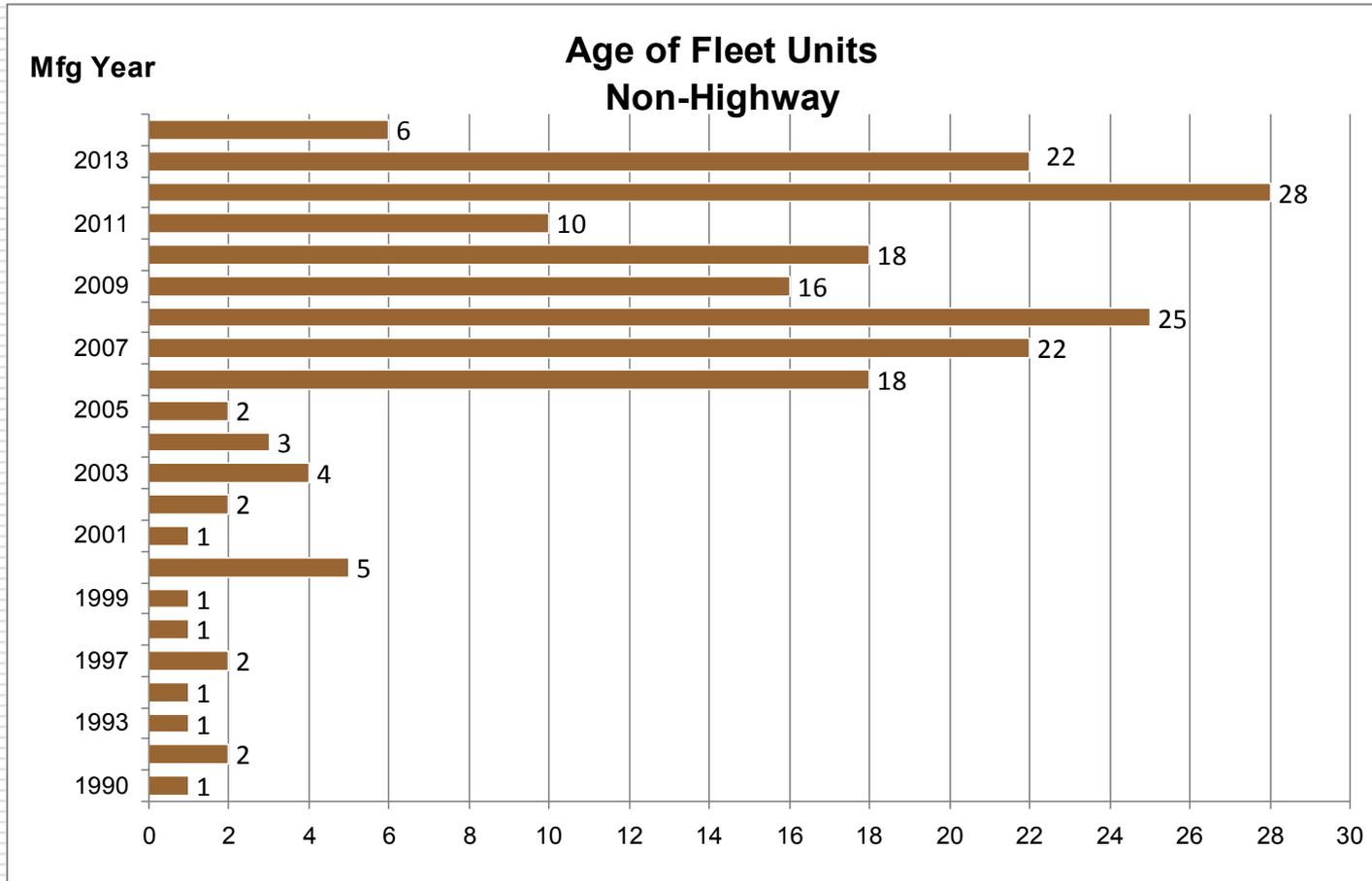
## Vehicles & Equipment – Non-Highway



Department:	<u>Commission</u>	<u>Juvenile</u>	<u>Prosecuting Attorney</u>	<u>Public Administrat</u> <u>or</u>	<u>Sheriff</u>	<u>Sheriff - LEST II</u>
# of Units:	28	8	4	1	126	24
Replacement Schedule (yrs):	as available	as available	as available	as available	5	5
GR Funding:	--	--	--	--	--	LEST II
Alternate Funding:	Grants	Grants	--	--	Sheriff Funds	n/a
Avg Replacement Cost:	18,000.00	18,000.00	18,000.00	18,000.00	25,000.00	25,000.00
Annual Replacement Cost:	--	--	--	--	630,000.00	120,000.00

# Life Cycle Replacement Costs

## Vehicles & Equipment – Non-Highway



# **Unfunded Capital Needs**

## **Storm Drainage Facilities**

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### ***Needs Estimated for 2012 Stormwater Task Force***

***Estimated total value of storm drainage infrastructure for unincorporated Greene County:***

***\$108 million***

***Estimated annual cost for 200-year\*\* replacement cycle:***

***\$0.55 million***

***\* These needs do NOT include unfunded environmental mandates included in the Integrated Plan.***

***\*\* 100-year replacement cycle is the national standard***

# ***Life Cycle Replacement Costs***

## ***Information Technology – System Equipment***

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### **System Equipment Replacement Costs:**

Wired network equipment:	\$300,000
Wireless network equipment:	\$100,000
Data backup storage – hardware & software:	\$125,000
Network attached data storage:	\$200,000
Physical servers:	\$360,000
Total	<u>\$ 1,085,000</u>

# ***Life Cycle Replacement Costs***

## ***Information Technology – System Equipment***

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### **System Equipment Replacement Cycle:**

Wired network equipment:	3-5 years
Wireless network equipment:	3 years
Data backup storage – hardware & software:	5+ years
Network attached data storage:	5-8 years
Physical servers (moving to virtual)	5 years
<b>Annual Replacement Cost</b>	<b>\$180,000</b>

# **Life Cycle Replacement Costs**

## **Information Technology – User Software & Equipment, Telephones**



### **Software:**

**Microsoft Office:** 700 users

Annual Fee for Assurance Agreement: \$89,000

**Operating system software**

Annual Fee for Assurance Agreement: \$36,000

### **Telephones & Equipment:**

Number of units: 1,000

Replacement cost: \$325,000

(includes servers & gateways)

Replacement governed by upgrade – assume 5 years max.

Annual replacement cost: \$65,000

# Life Cycle Replacement Costs

## Information Technology – User Software & Equipment



### User Equipment:

Desktop PC' s:	434 units	
	Replacement cost:	\$322,000
	Replacement cycle:	3 years
	Annual replacement cost:	\$107,000

Laptops:	266 units	
	Replacement cost:	\$520,000
	Replacement cycle:	3 years
	Annual replacement cost:	\$175,000

Peripheral equipment (estimate):		
	Replacement cost:	\$100,000
	Replace as needed	
	Annual cost:	\$ 10,000

<b>Total annual replacement cost:</b>		<b>\$302,000</b>
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# ***Life Cycle Replacement Costs***

## ***Security Cameras***

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### **Cameras/Security System – Judicial Building**

Replacement Cost:	\$100,000
Replacement cycle:	5+ years
Annual replacement cost:	\$ 20,000

# **Life Cycle Replacement Costs**

## **Information Technology – Telephone Equipment**

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### **SUMMARY:**

System equipment:	\$180,000
User & operating system software:	\$125,000
User equipment:	\$282,000
Telephones & equipment:	\$ 65,000
Security cameras & equipment	\$ 20,000
<b>TOTAL</b>	<b>\$672,000</b>
<b>Current annual budget</b>	<b>\$ 75,000</b>
<b>Unfunded replacement cost</b>	<b>\$597,000</b>

# **Life Cycle Replacement Costs**

## **Buildings - Major Maintenance & Replacement**

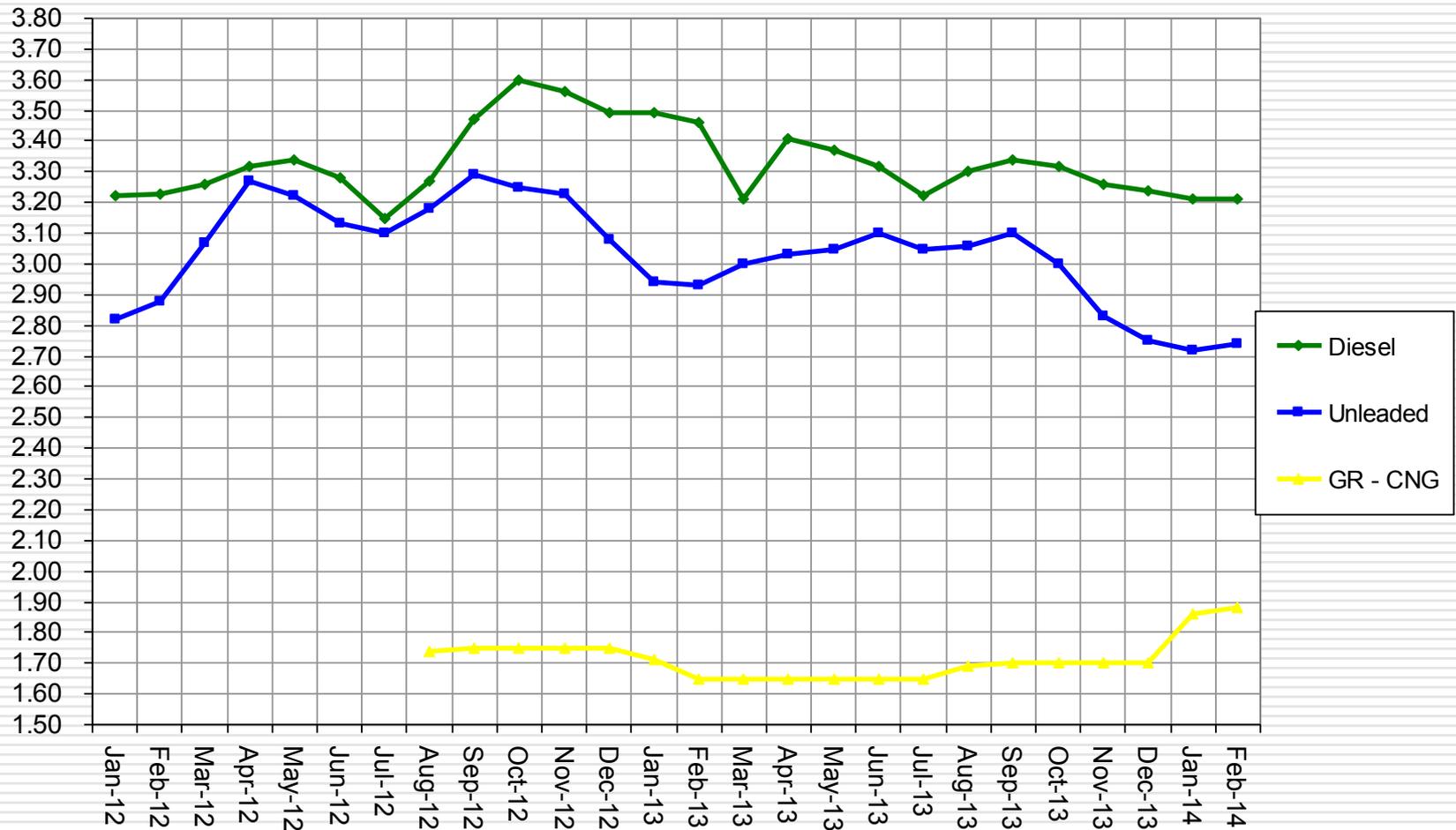


<b>Item</b>	<b>Annual Cost</b>	<b>Replacement Cycle</b>
Roofs	\$150,000	15 years
Carpet	\$ 35,000	3 years
Heating Units/Boilers	\$ 25,000	5 years
Air Conditioning Units	\$ 15,000	5 years
Building Exteriors /Masonry Tuckpointing	\$ 90,000	5 years
<b>TOTAL</b>	<b>\$320,000</b>	
<b>Current annual budget</b>	<b>\$ 4,000</b>	
<b>TOTAL UNFUNDED</b>	<b>\$316,000/year</b>	

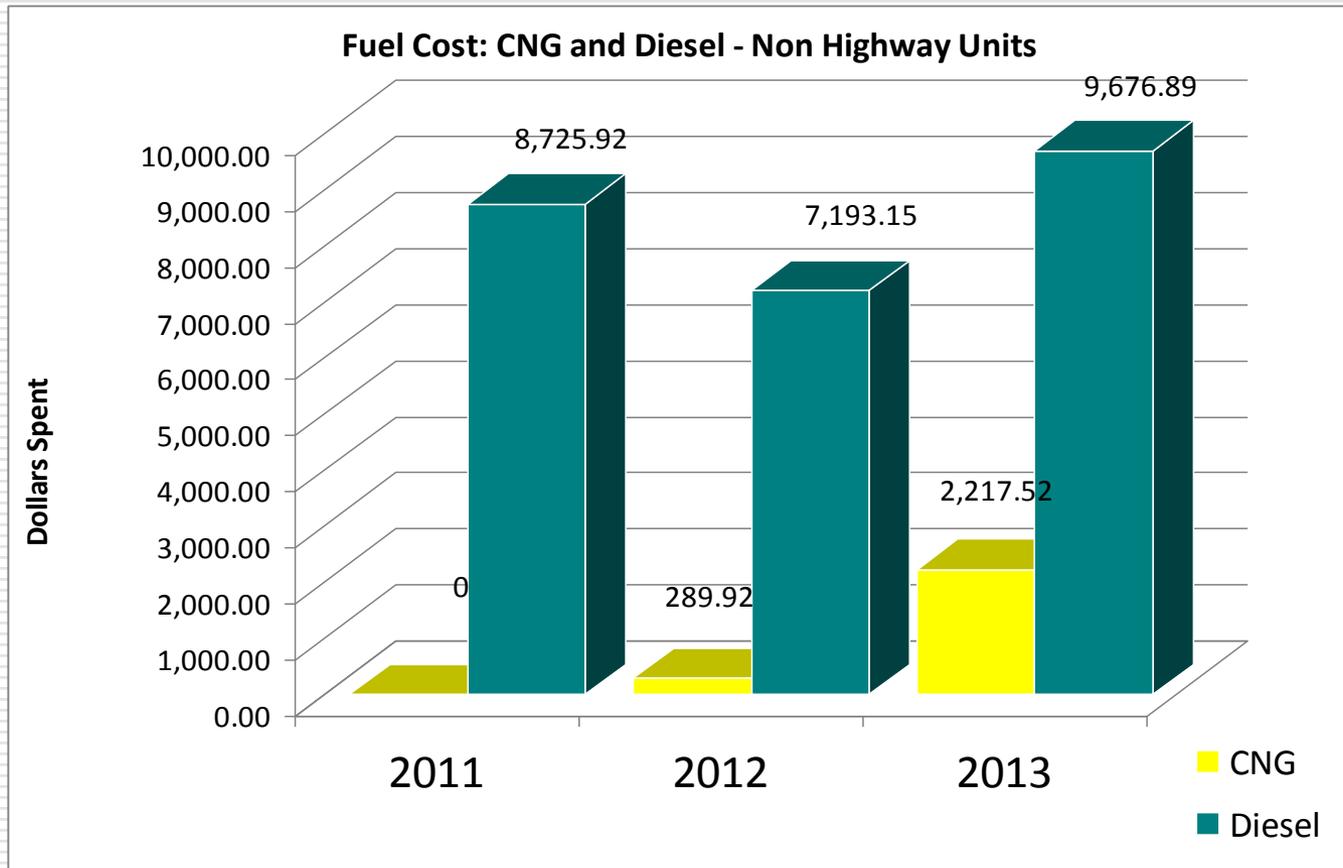
# Fuel Costs



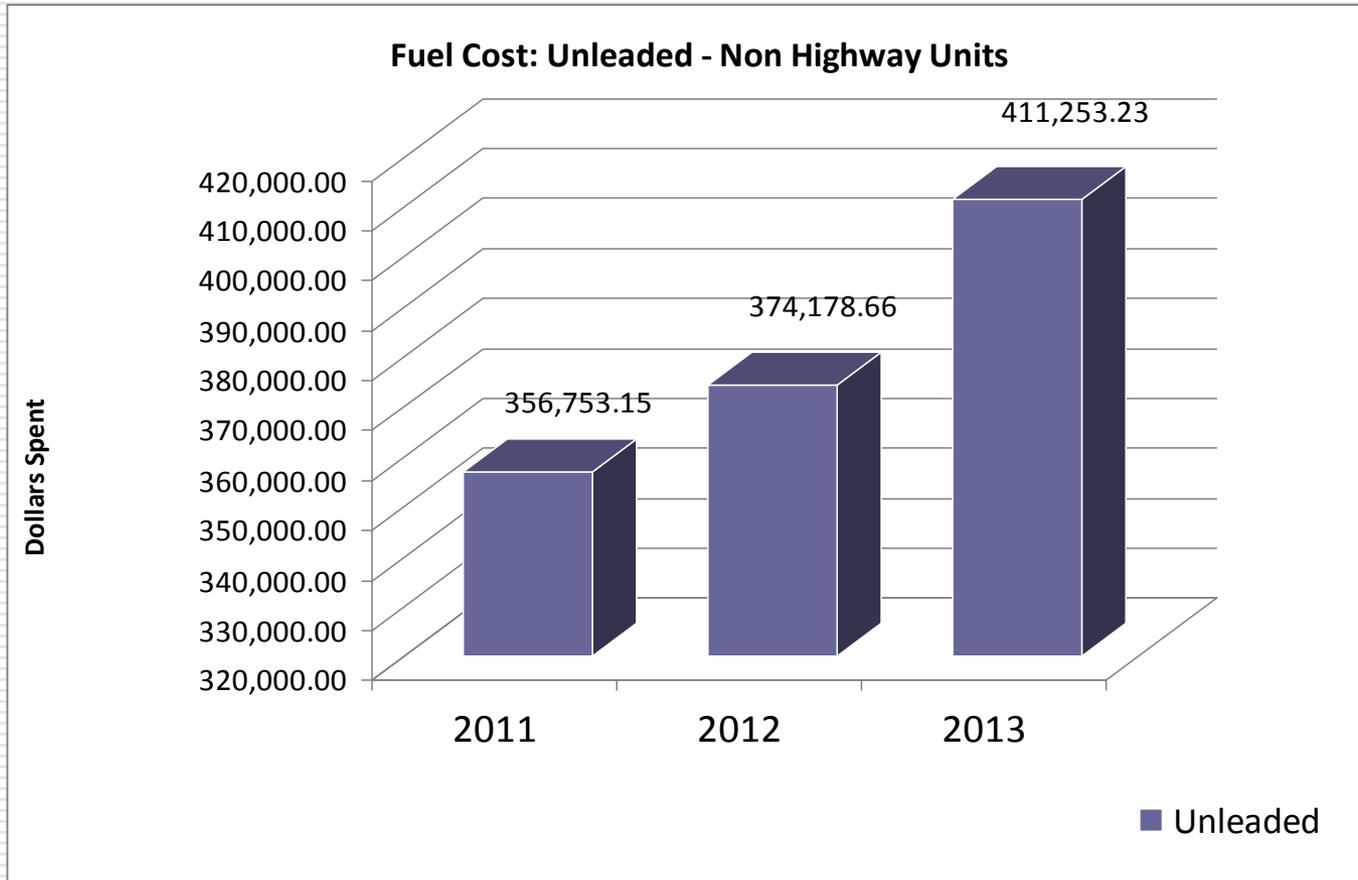
## Cost Per Gallon by Fuel Type



# Fuel Costs



# Fuel Costs



# SUMMARY



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## UNFUNDED CAPITAL NEEDS

Buildings*	\$ 50 million
Roads & Bridges	\$126 million
Storm Drainage System**	\$ 61 million
<b>TOTAL</b>	<hr/> \$237 million

## UNFUNDED LIFE CYCLE REPLACEMENT COSTS

Vehicles – Non-Highway	\$600,000/year
Storm Drainage System	\$550,000/year***
IT Equipment/software	\$597,000/year
Buildings & Equipment	\$316,000/year
<b>TOTAL</b>	<hr/> \$2,063,000/year

***QUESTIONS??***

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***THANK YOU!!***