



**COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
DEVELOPMENT SERVICES DIVISION**

2850 Fairlane Ct  
Placerville, CA  
530-621-5315

**July 16, 2014 AGENDA**

**Building Industry Advisory Committee**

Jeff Haberman, Chairman, Member at Large (*Colleen Malone, Alt*)  
Jerry Homme, EDC Builders Exchange (*Denny Kennedy, Alt*)  
Bill Carey, Member at Large (*Virgil Toothaker, Alt*)  
Earl McGuire, SAGE (*Charles Truax, Alt*)  
Scott Whyte, North State BIA (*William Fisher, Alt*)  
Tom Burnette, Building Official (Technical Advisor)  
Michael Lilienthal, Division Chief/Fire Marshal (Technical Advisor)

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Wednesday, July 16, 2014

1:30 PM

TAC ROOM

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*The BIAC makes recommendations to the Board of Supervisors and Development Services Division regarding code interpretations, inspections, procedures, new construction techniques, product review, new codes, revised fees, and other items of industry concern (Resolution 164-2010)*

1. **CALL TO ORDER**
2. **ADOPTION OF MINUTES APRIL 16, 2014 (ATTACHMENT A)**
3. **ADOPTION OF AGENDA**
4. **NEW REQUIREMENTS OF NOT BEING ABLE TO HAVE A SHOP BUILT OFF OF A HOME IN A GRANNY FLAT?**
5. **DISCUSSION OF NEW REQUIREMENTS FOR ENERGY AND GREEN CODES. (ATTACHMENT B)**
6. **EMERGENCY MEASURE FOR STAFFING PROPOSAL - CONTINUED DISCUSSIONS FROM APRIL 16, 2014 (ATTACHMENT C)**
7. **OPEN/PUBLIC FORUM**
8. **NEXT MEETING**
9. **ADJOURNMENT**



**COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
DEVELOPMENT SERVICES DIVISION**

2850 Fairlane Ct  
Placerville, CA  
530-621-5315

**Minutes – April 16, 2014**

**Building Industry Advisory Committee**

Jeff Haberman, Chairman, Member at Large (*Colleen Malone, Alt*)  
Jerry Homme, EDC Builders Exchange (*Denny Kennedy, Alt*)  
Bill Carey, Member at Large (*Virgil Toothaker, Alt*)  
Earl McGuire, SAGE (*Charles Truax, Alt*)  
John Costa, North State BIA (*Vacant, Alt*)  
Tom Burnette, Building Official (Technical Advisor)  
Michael Lilienthal, Division Chief/Fire Marshal (Technical Advisor)

Wednesday, April 16, 2014

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*The BIAC makes recommendations to the Board of Supervisors and Development Services Division regarding code interpretations, inspections, procedures, new construction techniques, product review, new codes, revised fees, and other items of industry concern (Resolution 164-2010)*

Members Present: Jeff Haberman, Bill Carey, Jerry Homme, Earl McGuire, Colleen Malone

Members Absent:

Staff Present: Tom Burnette, Don Knight, Jennifer Marfe, Cara Bishop, Mike Elliott

Technical Advisors: Wally Jukes, (EDH Fire District), Rob Combs (DS Fire District)

Public Attendee's: Marc Mackay (EID), Scott Whyte, North State Builders Association

**1. CALL TO ORDER**

The meeting was called to order by Committee Chair Jeff Haberman at 1:34 pm.

**2. ADOPTION OF MINUTES 2/5/14**

Earl McGuire moved to adopt minutes. Jerry Homme seconded.

Ayes: All

Noes:

Abstain:

Absent:

**3. ADOPTION OF AGENDA**

Bill Carey moved to adopt minutes. Earl McGuire seconded.

Ayes: All

Noes:

Abstain:

Absent:

**4. PERMIT ACTIVITY REPORTS AVAILABLE ON WEBSITE FOR PUBLIC & VARIOUS ORGANIZATIONS: DON KNIGHT-OPERATIONS SUPERVISOR, EDC BUILDING**

Don Knight introduced new permit activity reporting process on EDC website for public access. In the future, this program will be available to download to Excel spreadsheet.

Discussion: Earl McGuire expressed concern about law enforcement information (i.e. personal addresses) being accessible by public. Don said that the law says as long as a person is not “searchable”, the information offered through this program is public record. Tom Burnette mentioned no need for voting on this as it is just another way for the public to have an additional way of receiving needed information and showed website additions for “Permit Exemptions”. Earl discussed ways to get this information out and aware to the public community. Jeff Haberman suggested possible posting in Mountain Democrat. Jerry Homme suggested Builders Exchange. Tom said possibly advertisement through CAO’s office via Mike Applegarth.

**5. STATUS OF TITLE 15 EDC GOVERNMENT CODE REVISION AND FIRE CODE UPDATE**

Discussion: Wally Jukes commented this document pertains to all Fire Districts in County. Tom said this is the amendment to the Fire Code to be sent through the adoption process that can be amended by the Fire Districts. Earl expressed concerned about Fire Code as it pertains to the EDC Title 15 – FIRE SECTION 507.5.1 and about the placement and cost of fire hydrants when the buildings have such a thorough fire sprinkler systems. Wally interpreted the code regarding the placement and number of fire hydrants and the efficiency of the sprinkler systems being able to operate on the ground. Earl stated the fact that new construction fees and fire fees are costly, that the need for additional fire protection is unreasonable as a blanket requirement for new construction and stated he did not see in the code, language for the fire official to make any exceptions to this rule in certain circumstances. Wally responded possible use of different verbage in the written code. Mark McKay (EID) from a water district perspective added the more fire hydrants that are required cause awkward position for EID with higher bills, tighter requirements to follow, especially in residential construction. Chairman Haberman explained the reason for calling in Fire Dist Rep and EID Rep to get feedback on how to make this standard work for homeowners and the general public. Wally discussed the regulations of on-site storage and hose allowance with regards to residential structures. Chairman Haberman asked if there could be some consistency with the standards on regulations and Wally discussed some of the standards, and the firmness and flexibility of such standards, while still meeting the water supply needs. Rob Combs addressed the rural water issues (document 1142) and the tank standards, calculations, and water disposal and storage processes. He has written interpretations that has been adopted by his District, Diamond Springs but cannot be added to the County Ordinance Code as it would not be the most restrictive solution. Earl asked if there were any recommendations that could be made by the Committee to adopt such standards to the County Ordinance Code. Jerry Homme suggested any way that if the County (i.e. FD, EID, EDC Building,) could present concerns together to protect the County, the economy and the community. Wally suggested to present recommendations via the written interpretation by Diamond Springs FD along with the support of the BIAC to a Fire Board Meeting. Rob Combs will email resolution to Chairman Haberman so the Committee can discuss how to present this to Board for County adoption. Chairman Haberman will put together a letter and send to Committee for feedback on objection to the interpretation of the fire hydrant placement and attend FBO meeting prior to presentation to the BOS. Earl moved to send letter to BOS, and cc: Fire District to support

resolution as presented with the exception of 507.5.1 reducing distance of hydrant to distance of the building from 400 to 150 feet. Motion seconded.

***\*EID & FIRE DEPT. REPRESENTATIVES ARE EXCUSED FROM MEETING IF THEY WISH\****

**6. EMERGENCY MEASURE FOR STAFFING PROPOSAL**

Earl recommends this proposal be adopted. Scott Whyte seconded.

**7. ASSEMBLY BILL 2188 – EXPEDITED PERMITTING FOR ROOFTOP SOLAR**

Earl addressed concerns about OTC permitting for solar and suggested a possible sub-committee to look into this and bring in other Bldg Division staff consultation as well. Scott Whyte interprets this as being an encouragement of using solar. Tom Burnette explained this item added to the agenda for the purpose of the Committee to discuss whether they want to get involved in addressing this bill, which is still in the phase of public comment. He mentioned possible problems for jurisdictions that may not offer electronic payments since part of the bill is for that purpose. Earl mentioned that people that apply and pay in person can be verified they have authority to issue such a permit. The bill is not clear as to how to verify such authorization via electronic submittals and payments. Tom Burnette confirmed that this will be heard before an assembly committee meeting next week. Scott Whyte will check with CBIA of their support or opposition. Bill Carey inquired if CALBO has a lobbyist and maybe this would be a good way through the process. Chairman open up for round table to ok or deny Committee involvement. Earl suggested to wait until after the assembly committee meeting next week. Chairman Haberman goes around table for approval or opposition of Tom Burnette letter to BOS pertaining to bill, and will email for votes to submit to BOS: Jerry Homme approves conditions; Bill Carey approves; Scott Whyte approves to support staff; Coleen supports Tom. Earl makes a motion to support Tom in his letter writing. Motion seconded.

**8. NORTH STATE BUILDERS ASSOCIATION MEMBERSHIP**

Earl moves to rescind the resolution and to approve the applications of Scott Whyte and William Fisher. Motion seconded.

**9. OPEN/PUBLIC FORUM**

**10. NEXT MEETING**

July 16, 2014

**11. ADJOURNMENT**

Meeting adjourned at 3:45 pm by executive order.



# COMMUNITY DEVELOPMENT AGENCY

## DEVELOPMENT SERVICES DIVISION

<http://www.edcgov.us/DevServices/>

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## 2013 California Building Standards

The 2013 edition of the California Building Standards Code were adopted by the California Building Standards Commission (CBCS). The State regulations will be in effect at the local level and are enforced for projects whose construction permit applications are deemed completed on or after January 1, 2014.

- **California Energy Code, Part 6 – Effective July 1, 2014**  
The 2013 California Energy Code (CEC), Part 6, Title 24, California Code of Regulations will go into effect on July 1, 2014. Until July 1, 2014, the 2010 edition and associated energy efficiency standards will remain in effect.
- **California Administrative Code, Part 1, Chapter 10**  
– Effective July 1, 2014 The 2013 California Administrative Code, Chapter 10, Part 1, Title 24, California Code of Regulations will go into effect on July 1, 2014. Until July 1, 2014, the 2010 edition and associated energy efficiency standards will remain in effect. This part includes administrative regulations for CALGreen and the CEC.
- **California Green Building Standards Code, Part 11**  
Affected energy provisions only of the 2013, Part 11, Title 24, California Code of Regulations will go into effect on July 1, 2014. The affected energy provisions that will not be effective until July 1, 2014 are identified in BUILDING STANDARDS INFORMATION BULLETIN 13-07 dated December 18, 2013 and that can be downloaded from [California Building Standards Commission Bulletins](#).

Online access to all parts of the 2013 California Building Standards Code and errata and supplements can be found at the California Building Standards Commission web site at [California Building Standards Code](#) (Title 24, California Code of Regulations).


[Home](#) -> [title24](#) -> [training](#)

## Title 24 Training

These are links to training opportunities for the 2008 and 2013 Residential and Nonresidential Energy Efficiency Building Standards. Please contact each organization directly for registration information.

Email [title24training@energy.ca.gov](mailto:title24training@energy.ca.gov) if you have additional training opportunities you would like to have listed on this site.

### Getting started with CBECC-Com - Tutorial Videos California Building Energy Code Compliance (for COMmercial) Software

- [More information and CBECC-Com FAQs](#)

1. Workflow Overview	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
2. Creating Model Geometry	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
3. Importing Geometry and Defining Constructions	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
4. Defining Lighting and Internal Gains	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
5. Defining Packaged HVAC Systems	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
6. Defining Central Plant Systems	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
7. Defining DHW Systems	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>
8. Performing Analysis and Output Files	<a href="#">[WMV]</a>	<a href="#">[MP4]</a>

- [Download example files used in the tutorials](#)

**Note:** The videos can be downloaded in two formats - Windows Media Video (.wmv) and MPEG-4 (.mp4). The two formats can be viewed using different media players however the preferred players for the two formats are listed below and can be downloaded using the links provided:

- WMV - Windows Media Player (available on Windows XP/7/8 Operating System)
- MP4 - [Quicktime](#) / [VLC Player](#)

### 2013 CBECC Software Training Webinars

- Introduction to Computer Programs for Energy Code Compliance, May 2014  
[Presentation](#) [WebEx Recording](#) [WebEx Playback Help](#)
- CBECC for Residential June, 2014  
[Presentation](#) [WebEx Recording](#) [WebEx Playback Help](#)
- CBECC for Nonresidential June, 2014  
[Presentation](#) [WebEx Recording](#) [WebEx Playback Help](#)

### 2013 Standards Training Webinars

- 2013 Residential Energy Standards Overview, January 16, 2014  
[Presentation](#) [WebEx Recording](#) [WebEx Playback Help](#)

- [2013 Nonresidential Energy Standards Overview January 23, 2014](#)

[Presentation](#) [WebEx Recording](#) [WebEx Playback Help](#)

- [Webinar Training Announcement](#)

## Government

- [California Energy Commission - Energy Training Videos](#)
- [California Energy Commission - Energy Efficiency Standards & Manuals](#)
- [Title 24/2008 Building Energy Efficiency Standards Toolkit](#)
- [Flex your Power - Energy Saving Tools and Information](#)

## California Building Departments

- [Free Training](#)

## Northern California Utilities

- [Classes PG&E](#)
- [SMUD](#)

## Central California

- [Consol](#)

## Southern California Utilities

- [Southern California Utilities New Classes - SCE](#)
- [SDG&E](#)
- [SoCal Gas](#)

## Energy Consultants and Private Organizations

- [CABEC](#)
- [CALBO](#)
- [ENERCOMP \(MICROPAS\)](#)

## Energy Related Training and Certification Throughout California

- [Decoding HVAC - Residential HVAC Changeouts for Field Inspectors - Free Energy Code Online Discussion - October 1, 2 & 3, 2013](#)
- [Free Energy Code Training - Implemented by Southern California Edison, Pacific Gas and Electric Company and Sempra Utilities](#)
- [BII - Building Industry Institute](#)
- [CABEC - Certified Energy Analyst](#)
- [CABEC 2013 Residential and Nonresidential Training Webinars](#)
- [CalCERTS](#)
- [CASH - Coalition for Adequate School Housing](#)
- [USERA \(formerly CBPCA\)](#)
- [CHEERS - Certified Rater](#)
- [CHPS - Collaborative for High Performance Schools](#)

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## **2013 Residential Building Energy Efficiency Standards Measures Summary**

### **Prescriptive Measures:**

1. High Performance Windows – Reducing the U-Factor down to 0.32 and SHGC down to 0.25. **(Section 150.1(c)3A)**
2. Duct Insulation – Raise minimum from R-4.2 to R-6.0 in climate zones 6, 7, and 8. **(Section 150.1(c)9)**
3. Night Ventilation – Whole house fan as a minimum; allows Smart Vents and Night Breeze as alternatives in CZs 8-14. **(Section 150.1(c)12)**
4. Adding the Radiant Barrier requirements in CZs 3, and 5-7. **(Section 150.1(c)2)**
5. Increase wall insulation to R15/4 in all CZs **(Section 150.1(c)1B)**

### **Mandatory Requirements:**

1. Duct sealing in all CZs. **(Section 150.0(m)11)**
2. Return duct design or fan power and airflow testing (Residential HVAC Quality Installation Improvements). **(Section 150.0(m)13)**
3. Lighting – Improving and clarifying the mandatory lighting requirements for all residential buildings including kitchens, bathrooms, dining rooms, utility rooms, garages, hall ways, bedrooms, and outdoor lighting. Require at least one high efficacy luminaire in each bathroom. **(Section 150.0(k))** Updated requirements for LED luminaires for manufacturers to certify to qualify as high efficacy. **(JA-8)**
4. Hot water pipe insulation -Requires insulation on pipes ¾ inch and larger. **(Section 150.0(j)2Aii and Section 150.0(j)4)**
5. Solar Ready Measure – 250 square feet of solar ready zone on single family roofs. **(Section 150.0(r))**

### **Compliance Options**

1. Solar Photovoltaic can be used as a compliance option to comply under the performance path.
2. Occupant Controlled Smart Thermostat as a tradeoff against the solar ready zone. **(Section 110.10(b)1A EXCEPTION 6)**

### **Additions and Alteration**

1. Simplified Compliance documentation requirements for small additions and alteration projects that do not involve a HERS measure. **(Section 150.2(a) and (b))**
2. Simplified rules for both the prescriptive and performance paths for additions, alterations, and existing plus additions plus alterations. **(Section 150.2(a) and (b))**



## 2013 Nonresidential Building Energy Efficiency Standards Measures Summary

### Envelope

1. Increased low-slope cool roof requirements (increase reflectance from 0.55 to 0.63 for new construction and alterations). **(Section 140.3(a)1Aia1)**
2. Established a maximum air leakage rate (0.04 cfm/sf) except in mild climate zones. Consistent with air leakage requirements in IECC. **(Section 140.3(a)9B)**
3. Increased fenestration requirements to reduce solar gains and increase visual light transmittance for daylighting; 0.36 U-factor, 0.25 SHGC, VT 0.42 for fixed windows; the numbers are different for operable windows and skylights. **(Section 140.3(a)5B,C & D)**
4. Added mandatory minimum wall and roof insulation requirements. **(Section 110.8(e) & (f))**

### Lighting

1. Clarification and simplification of existing language; removing exceptions no longer relevant. **(Section 130.0-130.5, 140.6-140.8)**
2. Lighting control devices moving from Title 24 to Title 20; Lighting control systems shall now be acceptance tested for Title 24. **(Section 110.9(b) & Section 130.4(a))**
3. Nonresidential indoor lighting, advanced multi-level lighting controls (controllable ballasts) increased in granularity (in addition to ON/OFF, increasing from one intermediate level to three intermediate levels for or continuous dimming), favoring dimmable ballasts for linear fluorescent lighting systems. These controls will allow precise and non-interruptive adjustment of lighting to match the available daylighting, and provide dimming and demand response function throughout the building. **(Section 130.1(b) & Section 130.1(a) 2C)**
4. Enhancing, modifying, and daylighting controls mandatory requirements (removed off ramps); daylighting language significantly simplified. **(Section 130.1(d))** Inserted prescriptive daylighting control requirements for secondary daylit zones **(Section 140.6(d))**
5. Requirements for demand responsive reduction of lighting power being applied to smaller spaces. **(Section 130.1(e))**
6. Mandatory Automated Lighting Controls and Switching Requirements in Warehouses and Libraries - Require the installation of occupancy sensors in warehouse aisle ways and open spaces, and library stack aisles. **(Section 130.1(c)6A & B)**
7. Mandatory automated multi-level lighting shut-off controls and switching requirements for hotels and multifamily building corridors - Require the installation of occupancy sensors in corridors and stairwells in lodging and multifamily buildings. **(Section 130.1(c)6C)**
8. New mandatory occupancy sensor and daylighting controls in parking garage spaces. **(Section 130.1(d)3)**
9. Increased requirements for multi-level lighting controls for nonresidential outdoor lighting. **(Section 130.2(c)3B)**
10. Existing outdoor lighting cutoff (shielding) requirements, changed to the new IES standard: Backlight, Uplight, Glare (BUG) requirements. **(Section 130.2(b))**

11. Reduction of allowed lighting power density for some nonresidential indoor and outdoor lighting applications. **(Section 140.6(c) and Section 140.7(d))**
12. Tailored lighting revisions - Reduce the allowed LPD for Floor Display, Wall Display, and Ornamental Lighting under the Tailored Compliance. Significant editing of Tailored Method language for clarification. **Section 140.6(c)3I, J & K)**
13. Plug Load Circuit Controls - requiring automatic shut-off controls of electric circuits that serve plug loads, including task lightings, in office buildings. **(Section 130.5(d)1)**
14. Hotel/Motel Guest Room Occupancy Controls for HVAC and lighting systems - would require installation of occupancy controls for HVAC equipment, and all lighting fixtures in hotel/motel guest rooms, including plug-in lighting. **(Section 120.2(e)4 & Section 130.1(c)8)**
15. Reduction of threshold when lighting alterations must comply with the Standards, (from when 50% of the luminaires are replaced), to when only 10% of the luminaires are replaced. Consistent with proposed changes to ASHRAE 90.1-2010. **(Section 141.0(b)I & J)**
16. Added threshold requirements for when luminaire-modifications-in-place (sometimes referred to as lighting retrofits – i.e.: lamp/ballast change-outs) must comply with the Standards. **(Section 141.0(b)I)**

#### **Mechanical**

1. Added requirements for Fan Control and Integrated Economizers. Packaged units down to 6 tons must be VAV with the ability to modulate cooling capacity to 20% of maximum. Economizers must also be able to modulate cooling capacity to match VAV units. **(Section 140.4(c) & (e))**
2. Reduced ability for HVAC systems to reheat conditioned air. **(Section 140.4(d))**
3. Increased chiller efficiency requirements, consistent with ASHRAE 90.1-2010. **(Section 140.4(i))**
4. Increased cooling tower energy efficiency and WATER Savings. **(Section 140.4(k)2)**
5. Added requirements for commercial boiler combustion controls. **(Section 140.4(k)3)**
6. Added acceptance tests for HVAC sensors and controls, including those for demand controlled ventilation. **(Section 120.5(a))**
7. Added efficiency requirements for small motors. **(Section 140.4(c)4)**
8. Added credit for evaporative systems that meet the Western Cooling Efficiency Challenge (WCEC program to acknowledge high energy and water efficiency in evaporative systems). **(Section 140.4)**
9. Moving Fault Detection and Diagnostics (FDD) protocols for air temperature, economizers, damper modulation, and excess outdoor air to mandatory measures from the current compliance option. **(Section 120.2(i))**

#### **Electrical Power Distribution Systems**

New section in the Standards, for electrical measures which are not specifically related to lighting

1. Added requirements for user accessible metering of total electrical use per Table 130.5-A (for larger rated panels)
2. Disaggregation of electrical circuits according to Table 130.5-B (for larger size services).

3. Added maximum voltage drop requirements. **(Section 130.5(c))**
4. Added mandatory requirement for receptacle controls in private offices, open office areas, reception lobbies, conference rooms, kitchens, and copy rooms to automatically shut off task lighting and other plug loads when the area is not occupied. **(Section 130.5(d))**
5. Added requirements for demand responsive controls and equipment. **Section 130.5(e)**
6. Added requirements for EMCS to meet to be recognized for compliance with Part 6. **Section 130.5(f)**

#### **Process Loads**

1. Added mandatory requirements for commercial supermarket refrigeration. **(Section 120.6(b))**
2. Increased mandatory requirements for refrigerated warehouses. **(Section 120.6(a))**
3. Added ventilation control requirements for commercial kitchens. **(Section 140.9(b))**
4. Added prescriptive requirements for laboratory exhaust VAV and heat recovery. **(Section 140.9(c))**
5. Added mandatory ventilation control requirements for parking garages. **(Section 120.6(c))**
6. Added mandatory requirements for VFDs and system controls on compressed air systems. **(Section 120.6(e))**
7. Added mandatory requirements for computer data centers. **(Section 140.9(a))**
8. Added mandatory requirements for process boilers. **(Section 120.6(d))**

#### **Solar Ready**

- Added mandatory requirements for nonresidential buildings (3 stories or less) to make provisions to more easily enable the future addition of solar electric or solar water heating systems. **(Section 110.10(a)4)**

#### **Commissioning**

1. Moved Part 11 commissioning requirements to Part 6 for energy-related building components. **(Section 120.8)**
2. Added mandatory requirements for design-phase commissioning, which includes an early review of design intent documents and highlighting efficiency specifications in both construction documents and Standards compliance forms. **(Section 120.8(d))**
3. Added performance standard compliance requirement to produce whole building performance rating twice: once during design permit stage (“design rating”) then after construction acceptance testing (“as-built rating”). **(Section 120.8(g))**

#### **Compliance Option**

- Hybrid Evaporative Cooling Systems in Nonresidential Buildings.

## Residential and Nonresidential

- Compliance Documents Central Repository – Create a central repository to store compliance documentation that can be used by the CEC and others to improve compliance with the standards and perform program evaluation. (10-103)

# Community Development Agency Development Services Division

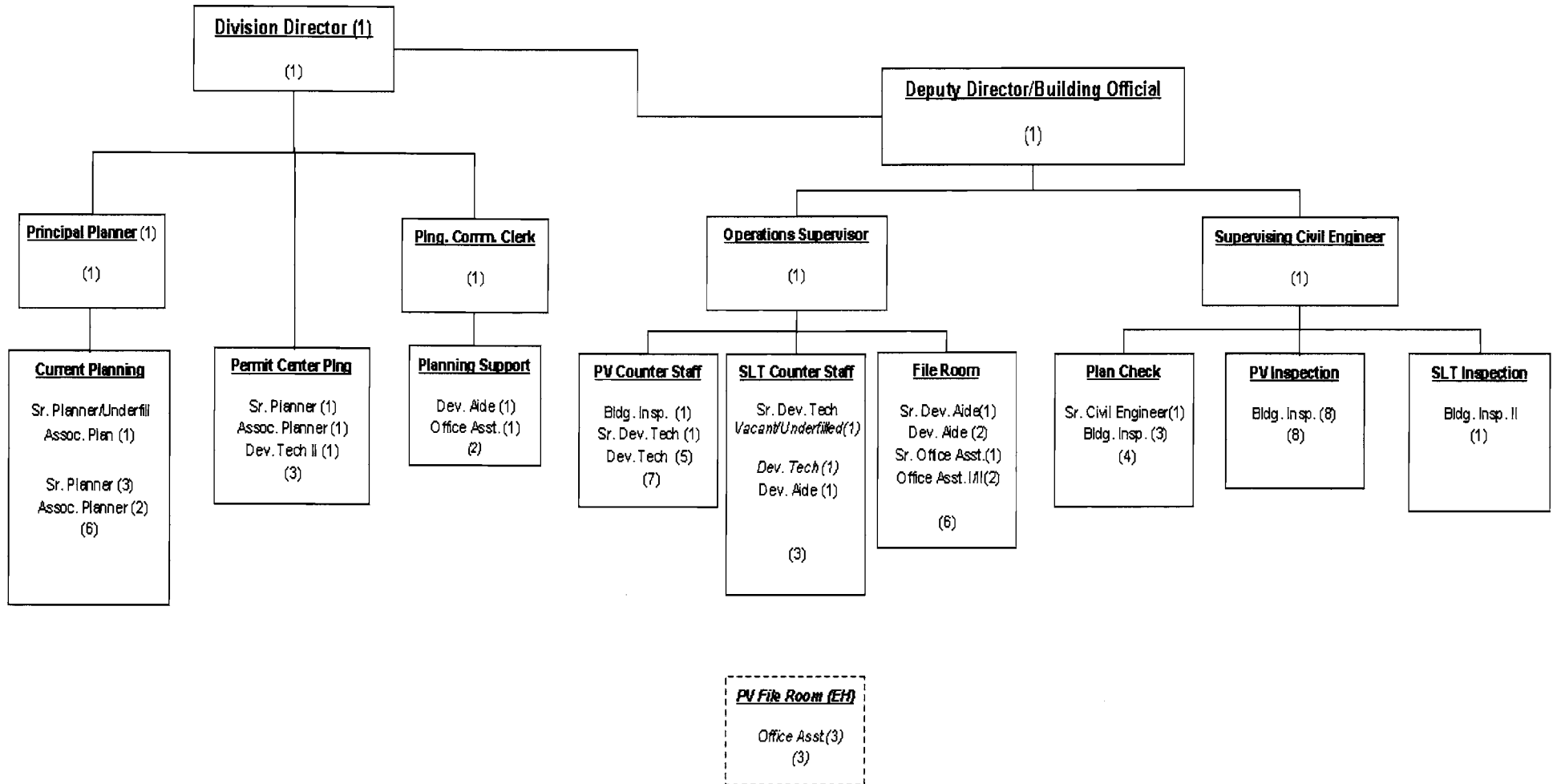
Request for Board of Supervisors Approval  
to  
Increase Allocated Positions from 46 to 55

## Development Services Division of Community Development Agency

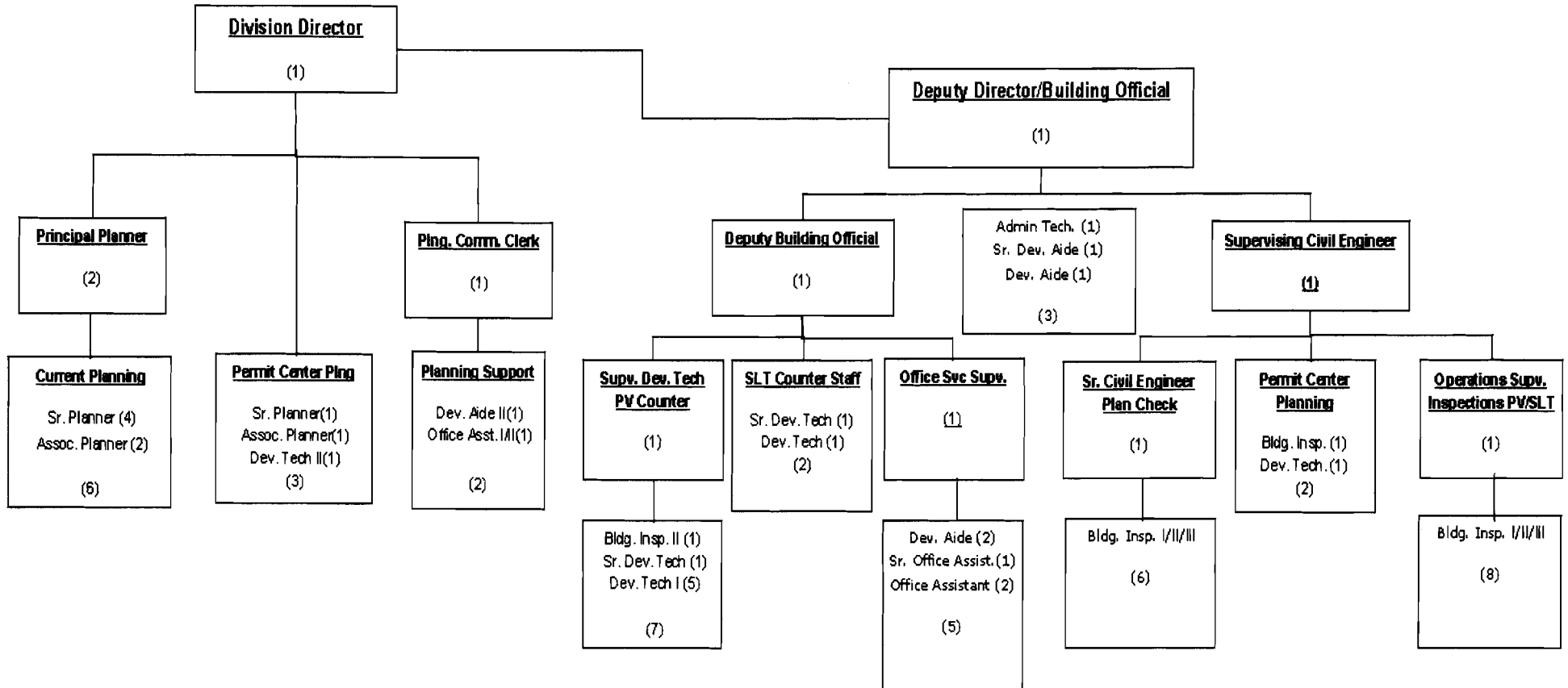
Personnel Allocations (Draft 2/3/14)

Classification Title	Allocated	Proposed	Total
Development Services Division Director	1.0		1.0
Deputy Director-Building Official	1.0		1.0
Sub-Total	2.0		2.0
<b>Planning</b>			
Principal Planner	1.0	<b>+1.0</b>	<b>2.0</b>
Sr. Planner	5.0		5.0
Associate Planner	3.0		3.0
Development Technician	1.0		1.0
Clerk of Planning Commission	1.0		1.0
Development Aide II	1.0		1.0
Office Assistant	1.0		1.0
<b>Sub-Total</b>	<b>13.0</b>	<b>+1.0</b>	<b>14.0</b>
<b>Building/Plan Check/Inspection</b>			
Supervising Civil Engineer	1.0		1.0
Operations Supervisor	1.0		1.0
Sr. Civil Engineer	1.0		1.0
Building Inspector I/II/III	13.0	<b>+3.0</b>	<b>16.0</b>
Sr. Development Technician	2.0		2.0
Development Technician I/II	6.0	<b>+1.0</b>	<b>7.0</b>
Sr. Development Aide	1.0		1.0
Development Aide I/II	3.0		3.0
Sr. Office Assistant	1.0		1.0
Office Assistant	2.0		2.0
Deputy Building Official		<b>+1.0</b>	<b>1.0</b>
Supervising Development Technician		<b>+1.0</b>	<b>1.0</b>
Office Services Supervisor		<b>+1.0</b>	<b>1.0</b>
Administrative Technician		<b>+1.0</b>	<b>1.0</b>
Sub-Total	31.0	<b>+6.0</b>	<b>37.0</b>
<b>GRAND TOTAL</b>	<b>46.0</b>	<b>+9.0</b>	<b>55.0</b>

# Development Services Division Current Organization Chart



# Development Services Division Organization Chart (Proposed 03-27-14)

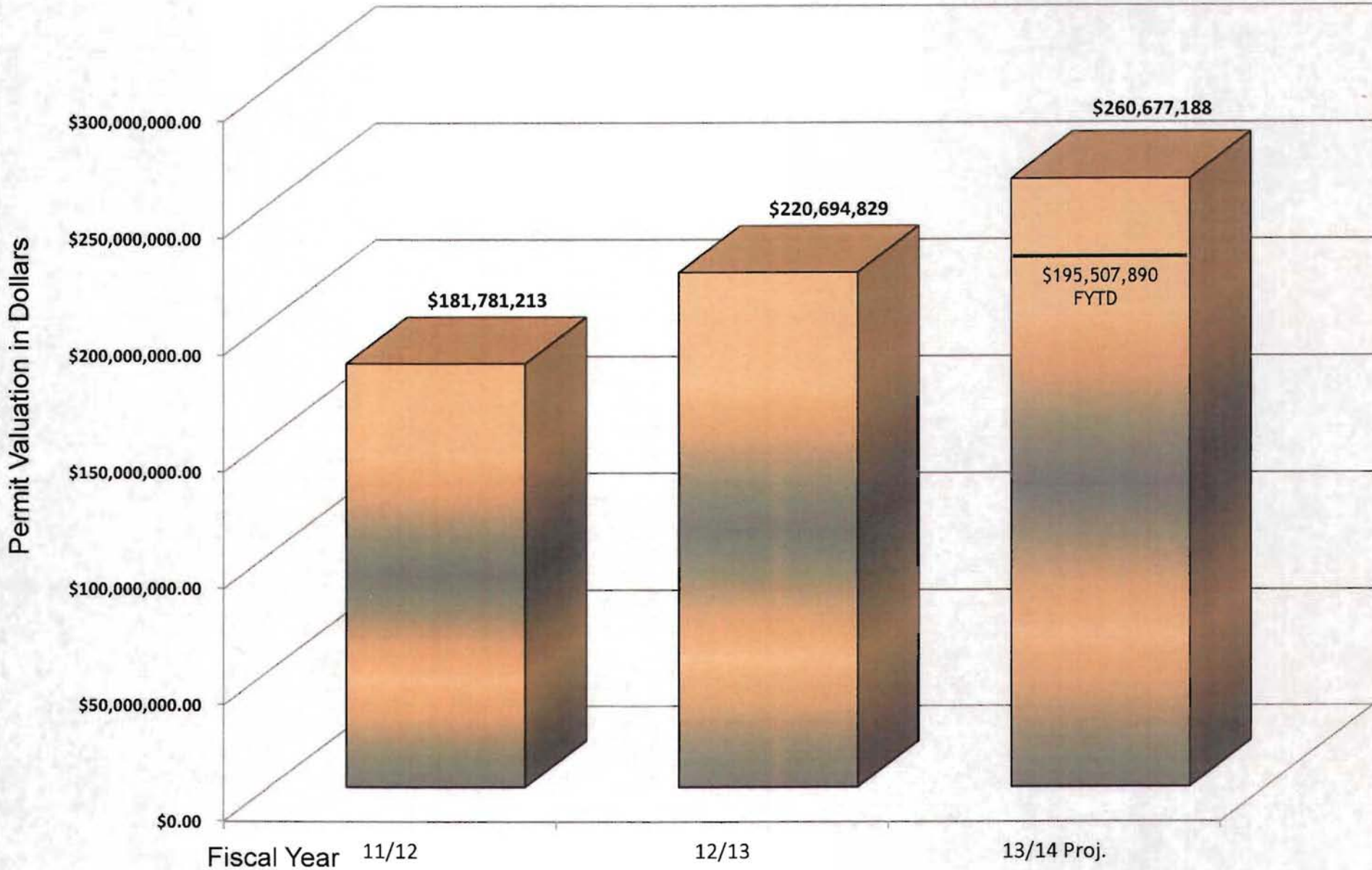




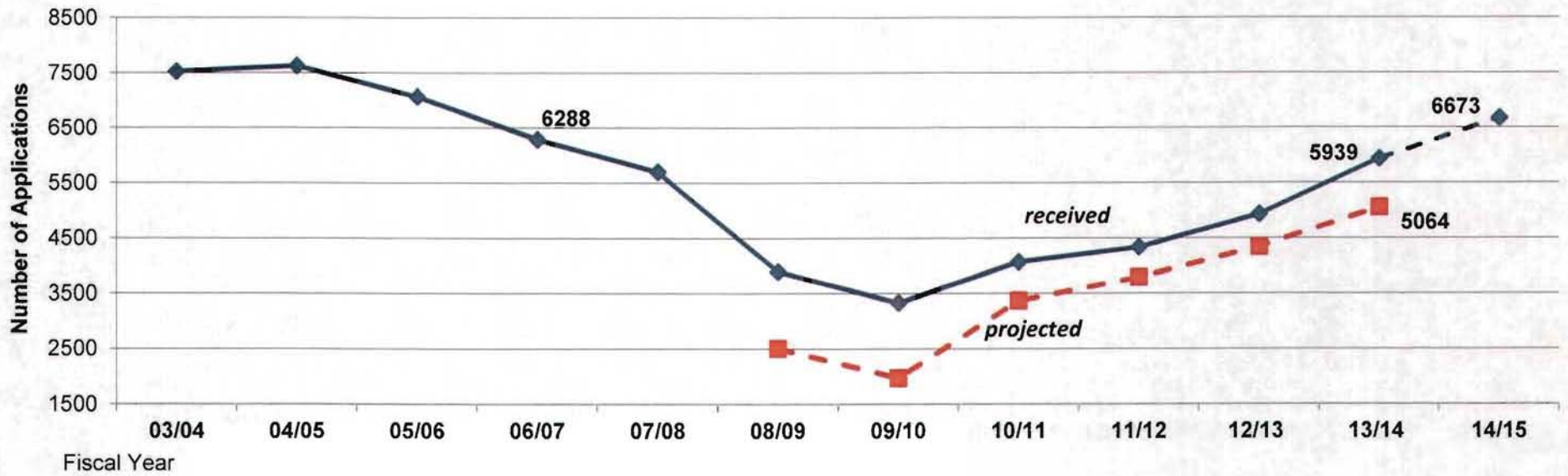
The background of the slide is a blue gradient that transitions from a darker blue at the top to a lighter blue at the bottom. A white path or road is visible at the bottom, leading towards a horizon line. The text is centered in the upper half of the slide.

# Justification for Proposal

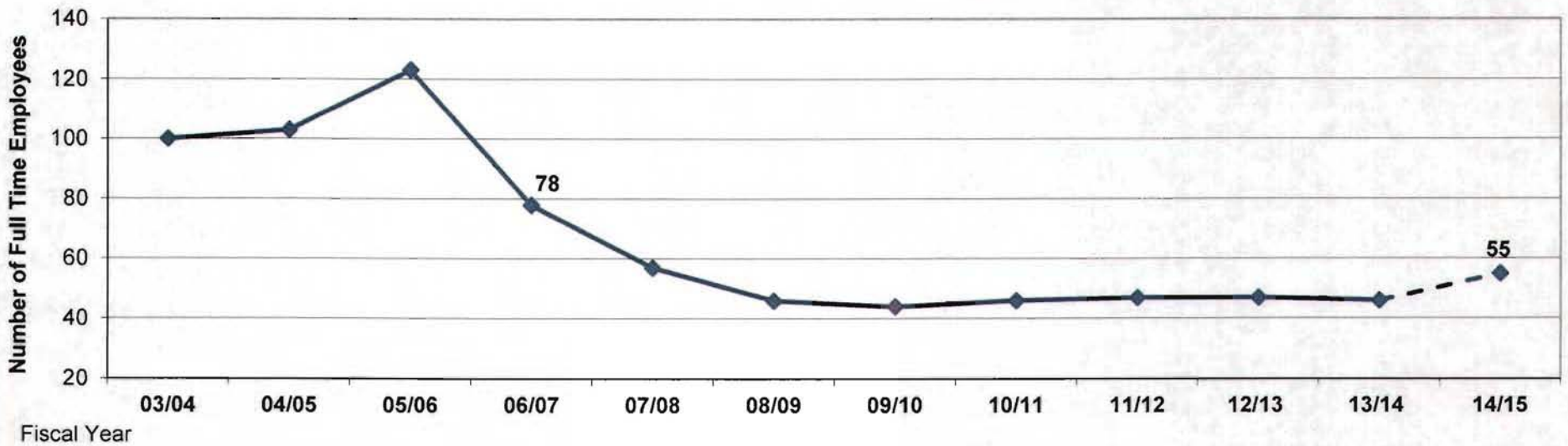
# County Revenue Impact Permit Valuation



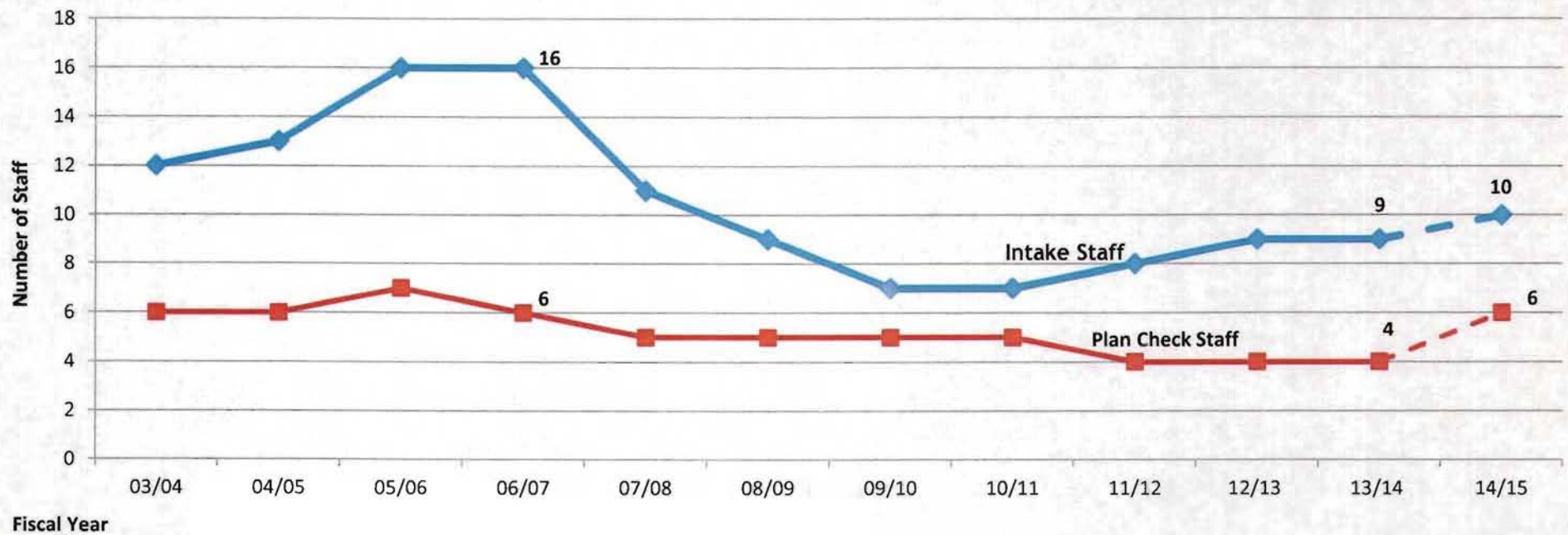
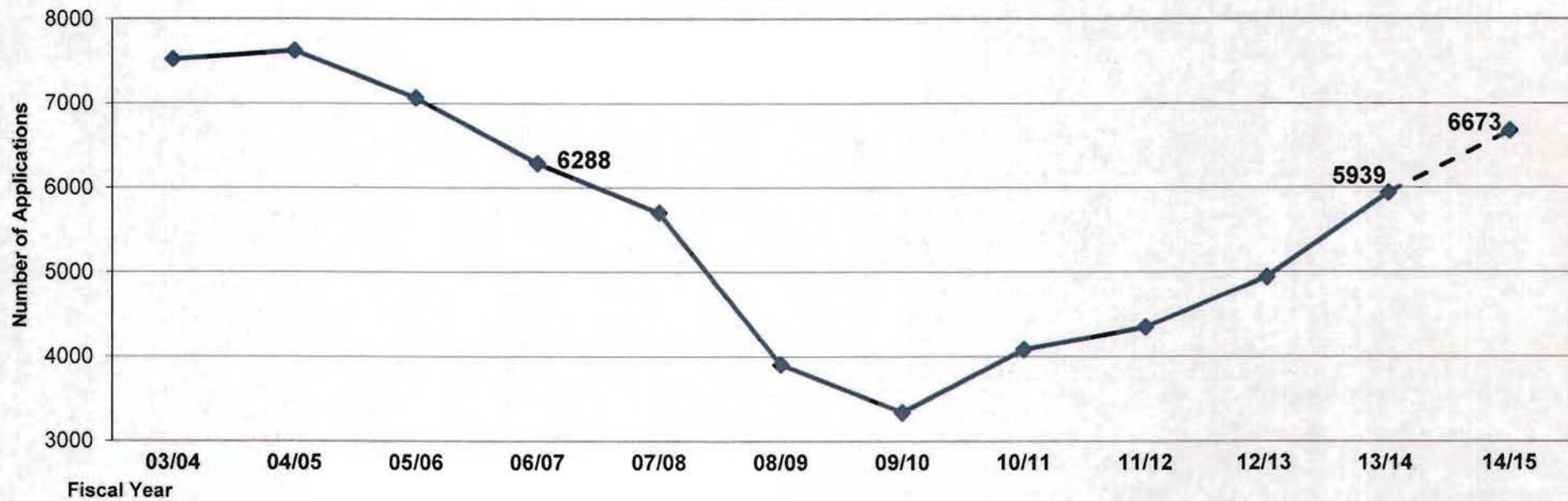
### Permit Applications Received



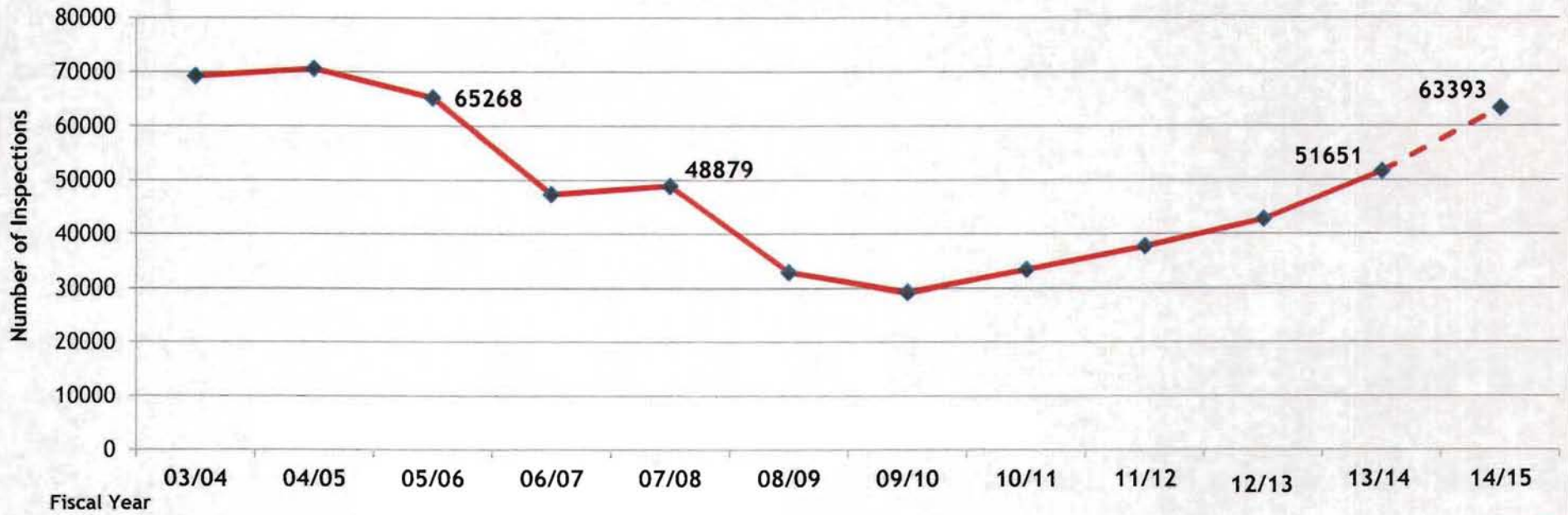
### Full Time Employee (FTE)



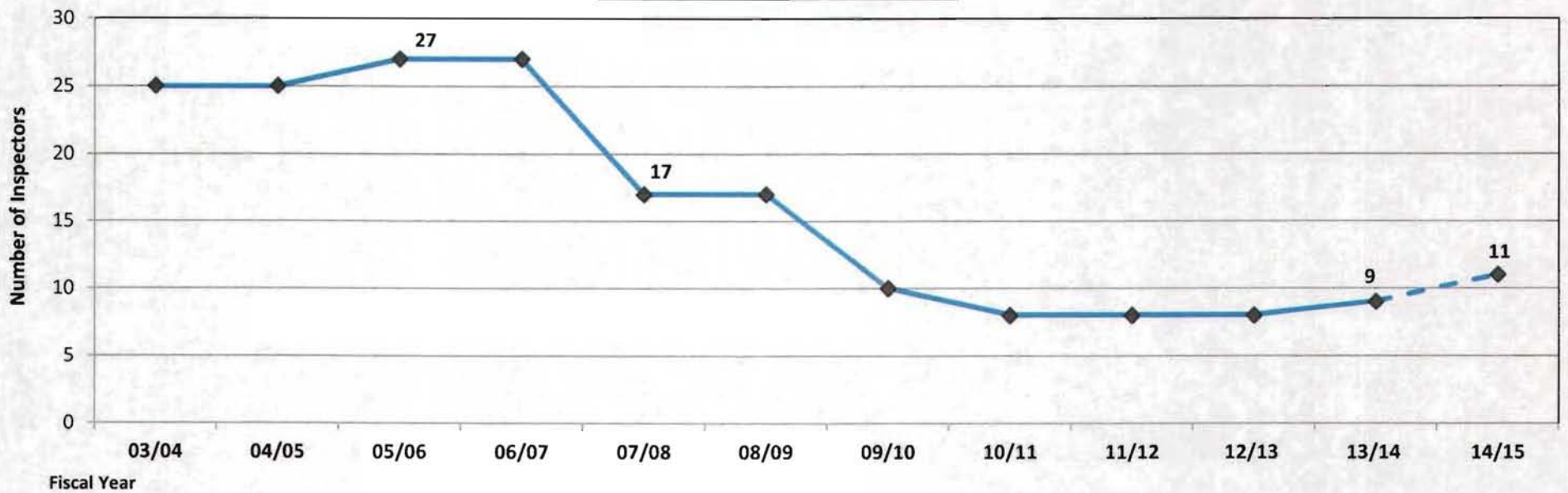
**Total Permit Applications Received**



### Total Inspections



### Field Inspection Staff



# Increased Master Plan Activity



# Increased Responsibilities

- **NPDES:** National Pollutant Discharge Elimination System, Increased impact to plan check, inspections and counter staff.
- **Tahoe Regional Planning Agency :** Increased requirements resulting in heavier work load for plan check, intake, and inspection staff.
- **Over 1000 new code changes:** Requires a more intensive plan check, intake process, and inspections.
- **Planning reviews:** Building Services is performing planning reviews on Master plans, grading, and express plan checks.
- **Air Quality Management Division Proposal:** Processing of Fugitive Dust and Asbestos Dust Mitigation Plans.
- **Master Plan & Permit Activity:** Significant increases.

# Suspended Responsibilities

- T & M Grading Inspections
- Notice of Non-Compliance
- Title 15
- Fee Resolution (No fee increase proposed, clarifying language)
- Update Forms
- Policies and Procedures
- Website Updates
- Scanning
- Expired Plan Check procedures
- Micro fiche/film
- Reports



# Negative Public Impacts

- Upsurge of lobby wait times
- Heightened plan check delays
- Increased frequency of Inspection delays
- Delays in Site Assessment Processing
- Increased wait time for returned calls
- Longer Research processing times
- Prolonged refunds

# Accomplishments

- Increased our ISO rating by 10%, going from a class 3 to a class 2 county, thus lowering our insurance rates for our citizens!
- Outreach/Presentations to El Dorado County Builders Exchange.
- After-hours access to commonly requested forms (in lobby).
- Streamline of the Temporary Mobile Home/RV (TMA) process.
- Building Services policies and procedures updated.
- Over the counter review of accessory structures and room additions <500sq'.
- Implemented self certification program for Carbon Monoxide / Smoke Alarms, Low Flow Plumbing Fixture Compliance, and Cool Roof requirements.
- Customized weekly permit activity report on-line.
- Creation of "DS NET" for Building staff; consolidating all resources, forms, policies, procedures, logs, education opportunities, links, and forum.
- Tahoe office: public service counter consolidation (Building/E.M.)
- TRPA security audit.
- Achieved maximum allocation allotment from TRPA audit score.
- Implemented TRPA Land Coverage Exempt Program.
- Parcel research request system
- Owner notification letters
- Updated scanning equipment
- Outside agency relations; consistent meetings with DOT, FPO, APC, EM, TEA's, SAGE
- NorCal Permit Tech member (SVABO ADHOC committee)