

*You can't train too hard for a job that can kill you.*

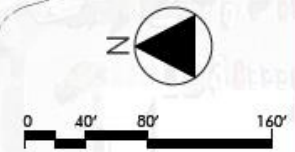
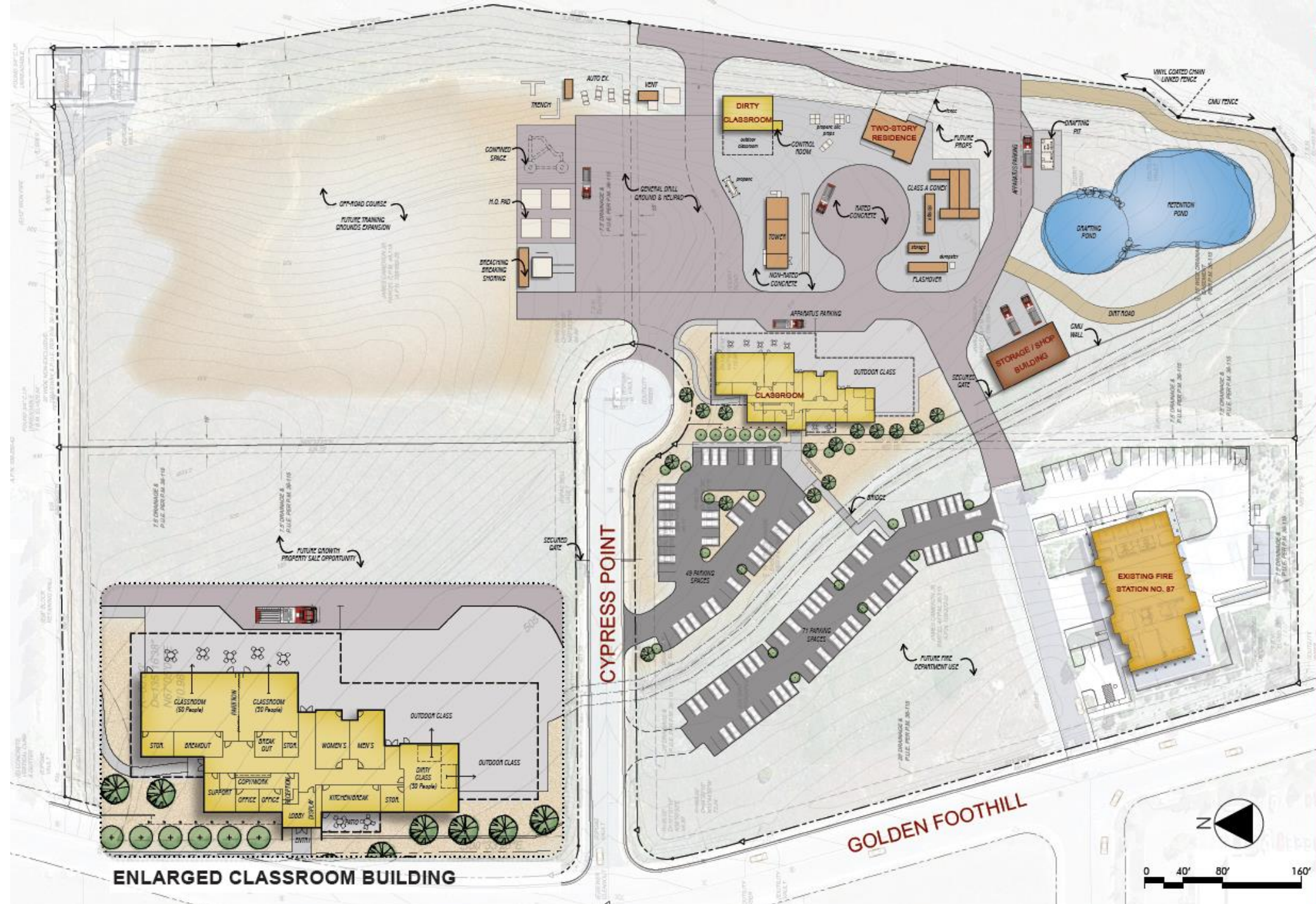


# TRAINING CENTER



**APAC PRESENTATION  
VERSION 8/1/17**

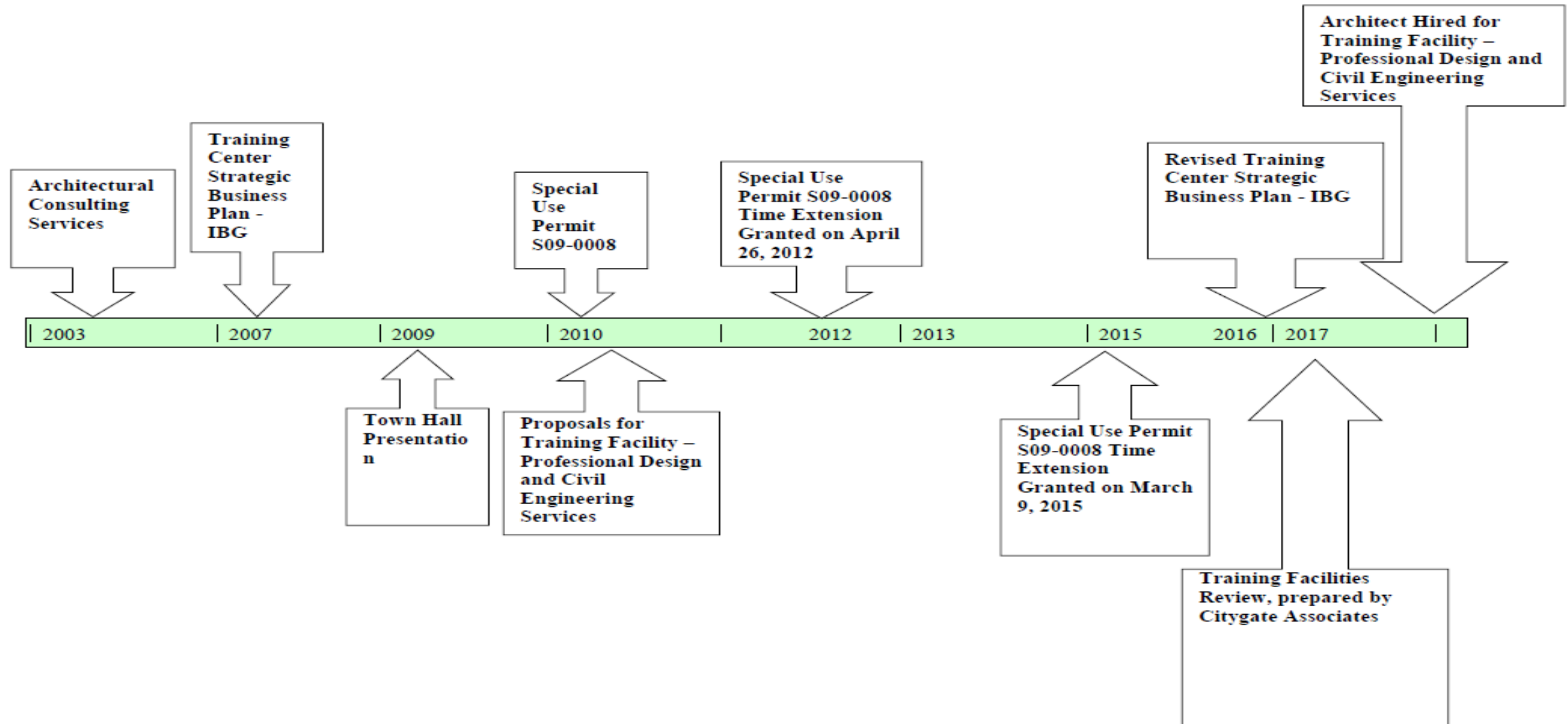




# SUMMARY

- PROJECT TIMELINE
- COST CONTROL MEASURES
- COMMUNITY ENHANCEMENTS
- FINANCIALS

# HISTORICAL TIMELINE



# COST CONTROL MEASURES – SCALED BACK PROJECT

- ORIGINAL Training Center was a \$20,000,000 project – 15 years ago
  - Regional concept
- Board directed staff to scale this back to LOCAL facility
- Based on the CPI (inflation)
  - \$20,000,000 15 years ago
  - **\$27,500,000 in today's dollars**
- **Our current plan is scaled way back with cost estimates in process**



# COST CONTROL MEASURES – LIMITING RATED CONCRETE



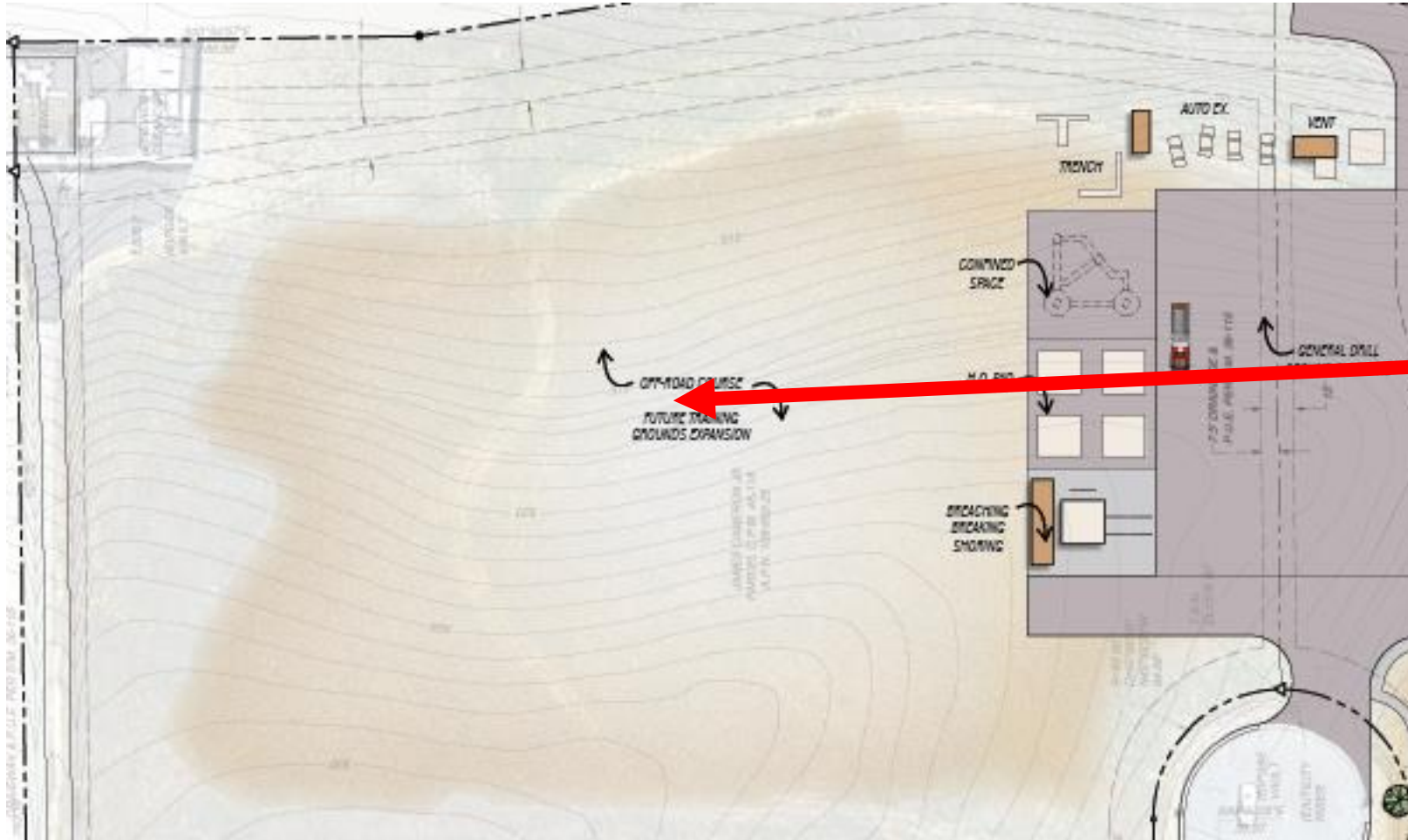
- The original plans called for a “sea” of thick rated concrete
- The reduced plan uses a network of “roads” and limits the amount of rated concrete needed

# COST CONTROL MEASURES – LIMIT GRADING

- The original plans called for grading the entire site mostly flat
- The reduced plan uses the natural topography of the site
  - This more closely represents EDH's streetscape
- This concept reduces cost



# COST CONTROL MEASURES – ON SITE DIRT RETENTION

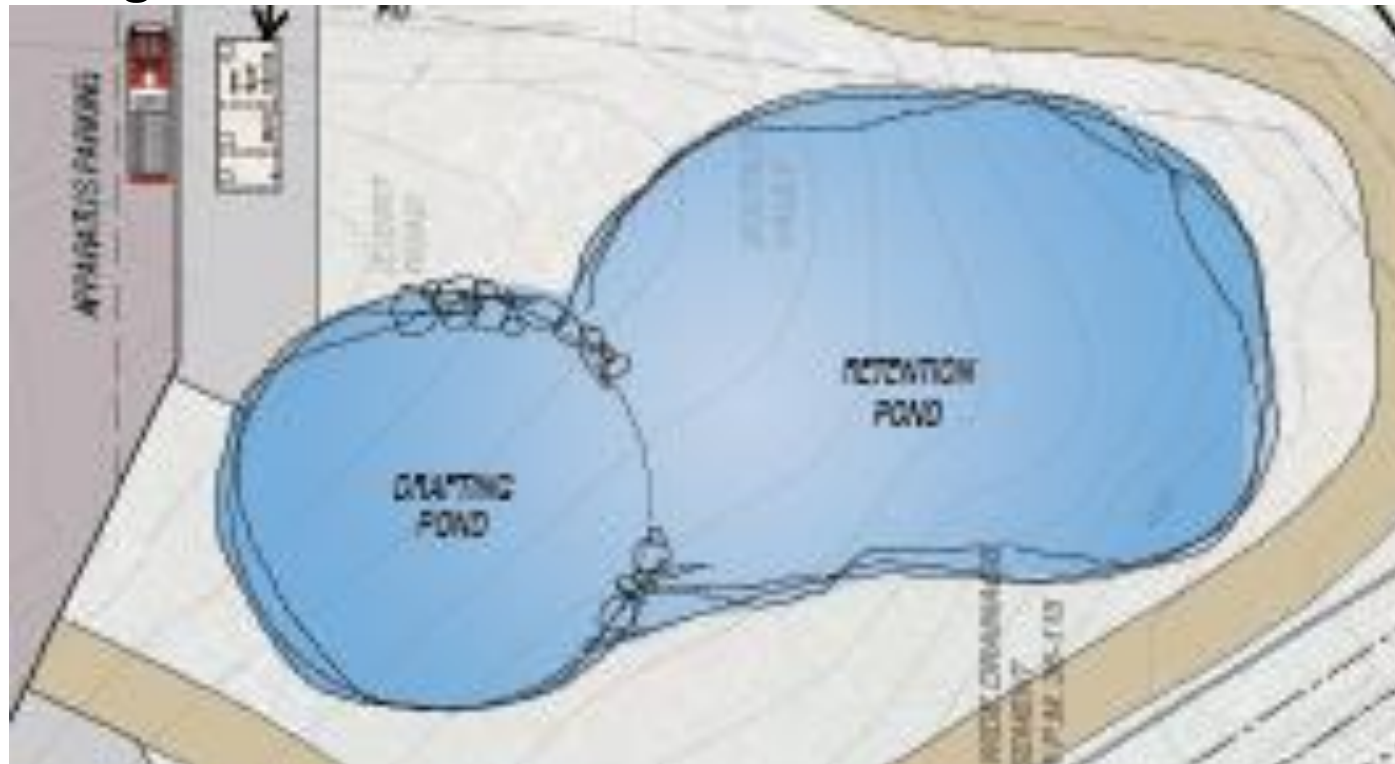


- The reduced plan will use the dirt that is graded from the site to create an off road driving course
- This will save money on hauling away dirt from the site

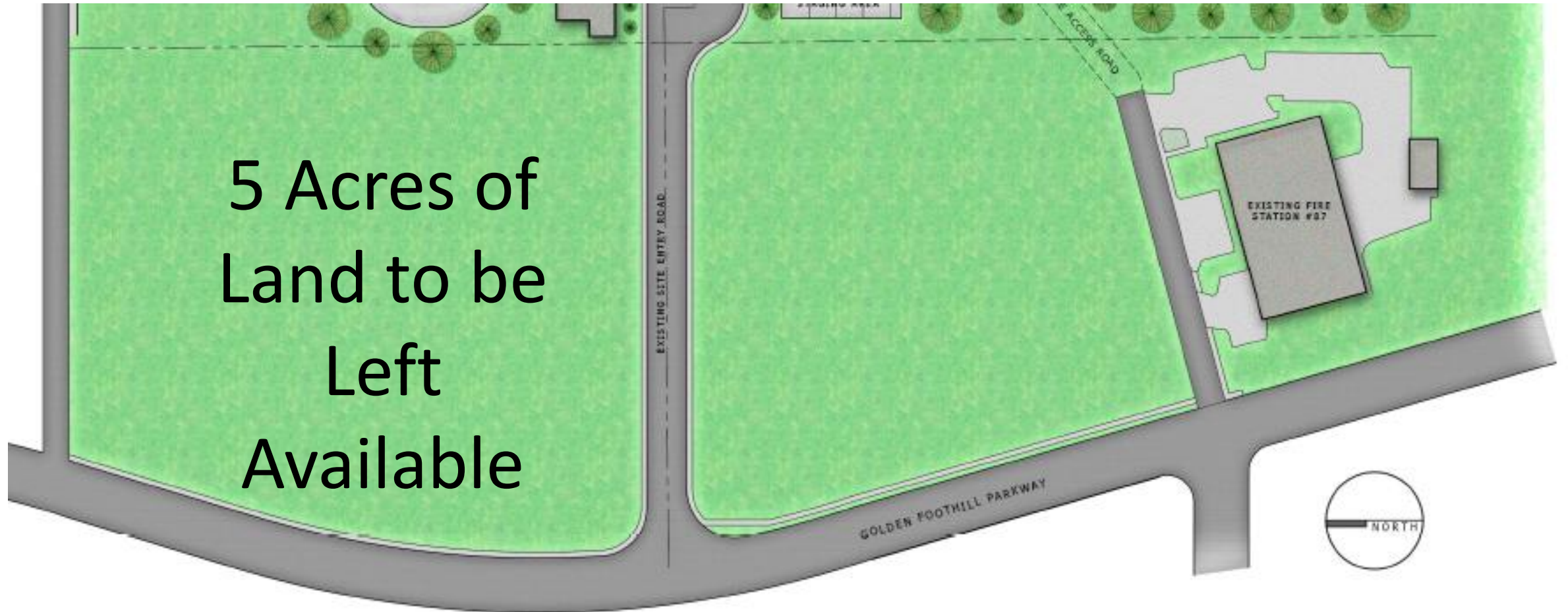


# COST CONTROL MEASURES – STORM WATER RETENTION/DRAFTING REUSE

- The reduced plan uses on site storm water retention in a drafting pit
  - Water can be recycled and “drafted” out for large water supply drills
  - This also is good for water conservation and the environment



# COST CONTROL MEASURES – AVAILABLE LAND



# COST CONTROL MEASURES – STEEL TOWER

- The proposed Tower is a steel pre-manufactured structure
- **Steel is historically 20-60 percent less than comparable concrete/masonry towers**
  - **Current Tower Cost = \$2,000,000**
  - **A similar concrete tower would cost \$5,000,000** (using steel at 40% of concrete cost)
- Steel is more cost effective to build
- Steel lasts longer than concrete under live fire training
- Concrete tends to crack – leading to water intrusion and structural compromise
- Brick wrapped to be visually appealing



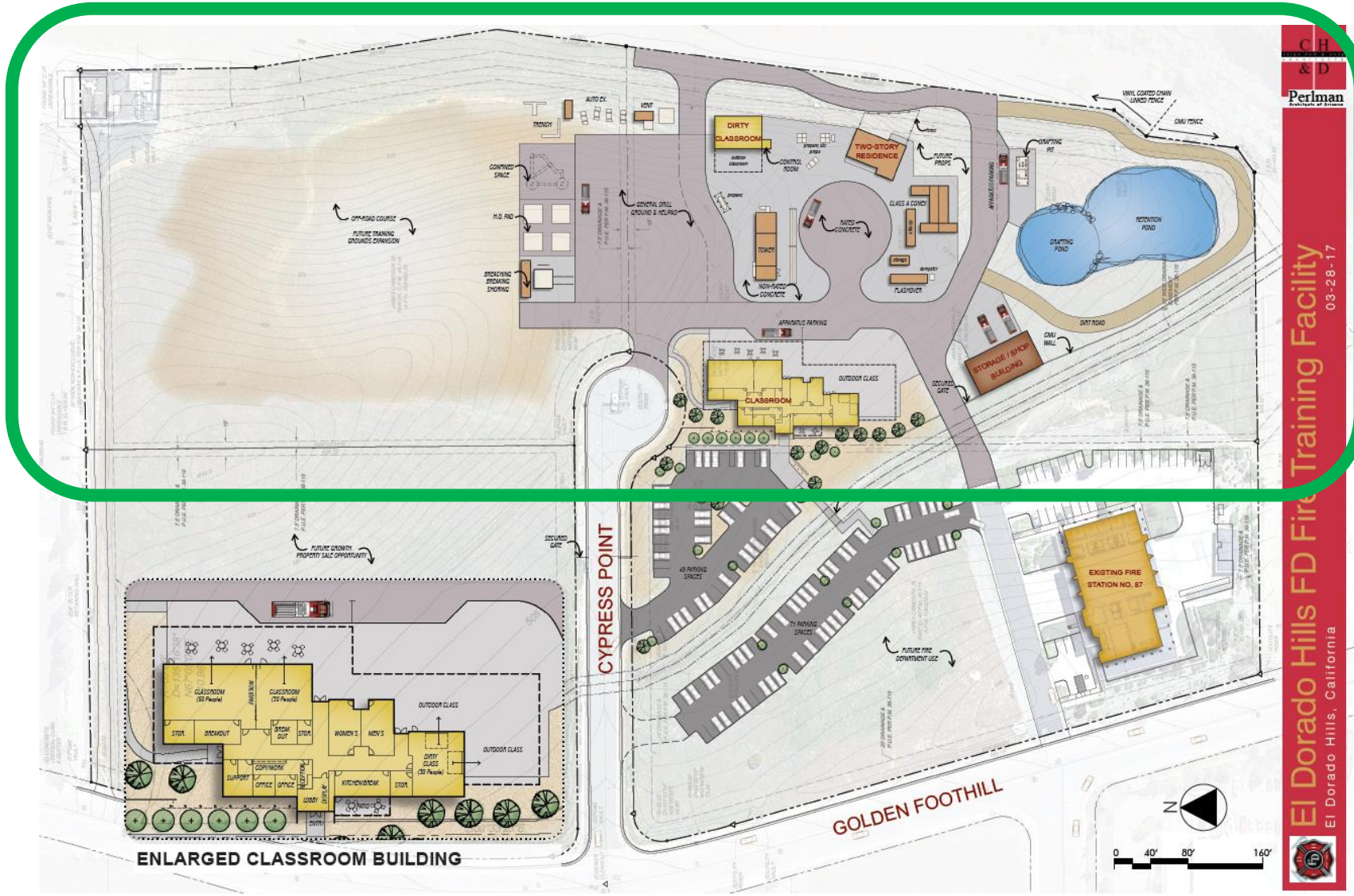


# COMMUNITY ENHANCEMENTS

- West end Emergency Operations Center
- Storage building designed for apparatus repair option
- Classroom for training



# COMMUNITY ENHANCEMENTS



Rear ten acres chosen to provide a buffer from the street view



# COMMUNITY ENHANCEMENTS

- CMU wall chosen to shield the visual sides from the public view



# COMMUNITY ENHANCEMENTS

- Outside class offerings will generate 400-500 students a year for 5 day long classes
- Revenue will be recognized for hotels and restaurants



## **EL DORADO HILLS FIRE DEPARTMENT**

### **MONTHLY ACTIVITY REPORT**

**JULY 2017**

***“YOUR SAFETY ... OUR COMMITMENT”***

The Board of Directors is considering adopting performance measurement goals to direct fire crew planning and to monitor the operation of the Department. These measures of time are designed to deliver outcomes that will save patients medically salvageable upon arrival and to keep small fires from becoming more serious. Such measures and goals provide the Department a foundation upon which future deployment decisions are based.

These deployment measurements include:

- DM 1 – 911 Call Handling Time
- DM 2 – Turnout Time
- DM 3 – Travel Time
- DM 4 – Total Response Time
- DM 5 – Effective Response Force Time

\*All times are collected using a combination of Active 911 and Crystal Reports. The times are provided with the best accuracy possible given the limitations of technology in our system. The current system does not allow for accurate data collection.



# **SIGNIFICANT TRAINING/INCIDENTS**

Serrano Vegetation Fire – 13 Acres





Axel Fire – Rescue 100 Acres





Latrobe Fire / Borderline Sacramento County 7/26/17  
1,268 Acres      2 EDH Men Arrested for Arson













### Medical Rescue with LARRO at Folsom Lake – 7/30/17

- E-84, T-85, M-89 were dispatched to a call at 1580 Planeta Way for a long fall.
- E84 found the patient 1/4 mile down a dirt trail to the east.
- Engine 84 found patient on the trail, 35-40 feet down steep embankment.
- Truck 85 requested for technical rescue assistance.
- Patient in critical condition
- Crews used a raising and lowering system (LARRO) to extricate the patient.
- This call is exactly the rope rescue skills our personnel have been training on the last few months

### Multiple Vehicle Fires With Threat to Vegetation







Technical Rescue Training





## ALARM STATISTICS

Response District	Total Number of Responses – JULY 2017	Total Number of Responses – JAN to JULY 2017	Total Number of Responses – JULY 2016	Total Number of Responses – JAN to JULY 2016
84	65	451	71	392
85	83	458	61	384
86	53	311	46	225
87	84	440	67	376
91	10	39	2	31
92	3	12	1	12
Mutual Aid	65	462	76	485
Transfer	21	122	14	119
<b>TOTALS</b>	<b>384</b>	<b>2295</b>	<b>338</b>	<b>2025</b>

86.56% Medic Unit Response, 10 Minutes (before exception reports)

89.72% Medic Unit Response, 11 Minutes (before exception reports)

Report: Queries – Incident – NFIRS Incident – Incident By District (Summary) Note: Run all Districts on 1 page (manually add subdistricts)

Crystal: Emergency Response Summary-Medic Unit Response Time-El Dorado

## Deployment Measure 1 - 911 Call Handling Time

- 90 Seconds 90% of the time

**Note:** Call Handling Times are reported by CalFire Camino and shown below. El Dorado Hills Fire Department also tracks Call Handling Times listed below. There is a discrepancy in the Call Handling Time reports. This discrepancy demonstrates the technology lag that exists in the system.

	Camino Call Handling Report	EDH Fire Call Handling Report
Incidents Dispatched Under 60 Seconds	Unable – Report No Longer Exists in Crystal	35.68% (137 of 384)
Incidents Dispatched Under 90 Seconds	Unable – Report No Longer Exists in Crystal	63.80% (245 of 384)
	Report – Crystal – JPA Report – Call Processing Report – Filter by EDH Jurisdiction and Dates	Report – Firehouse Analytics – Filter by Dates

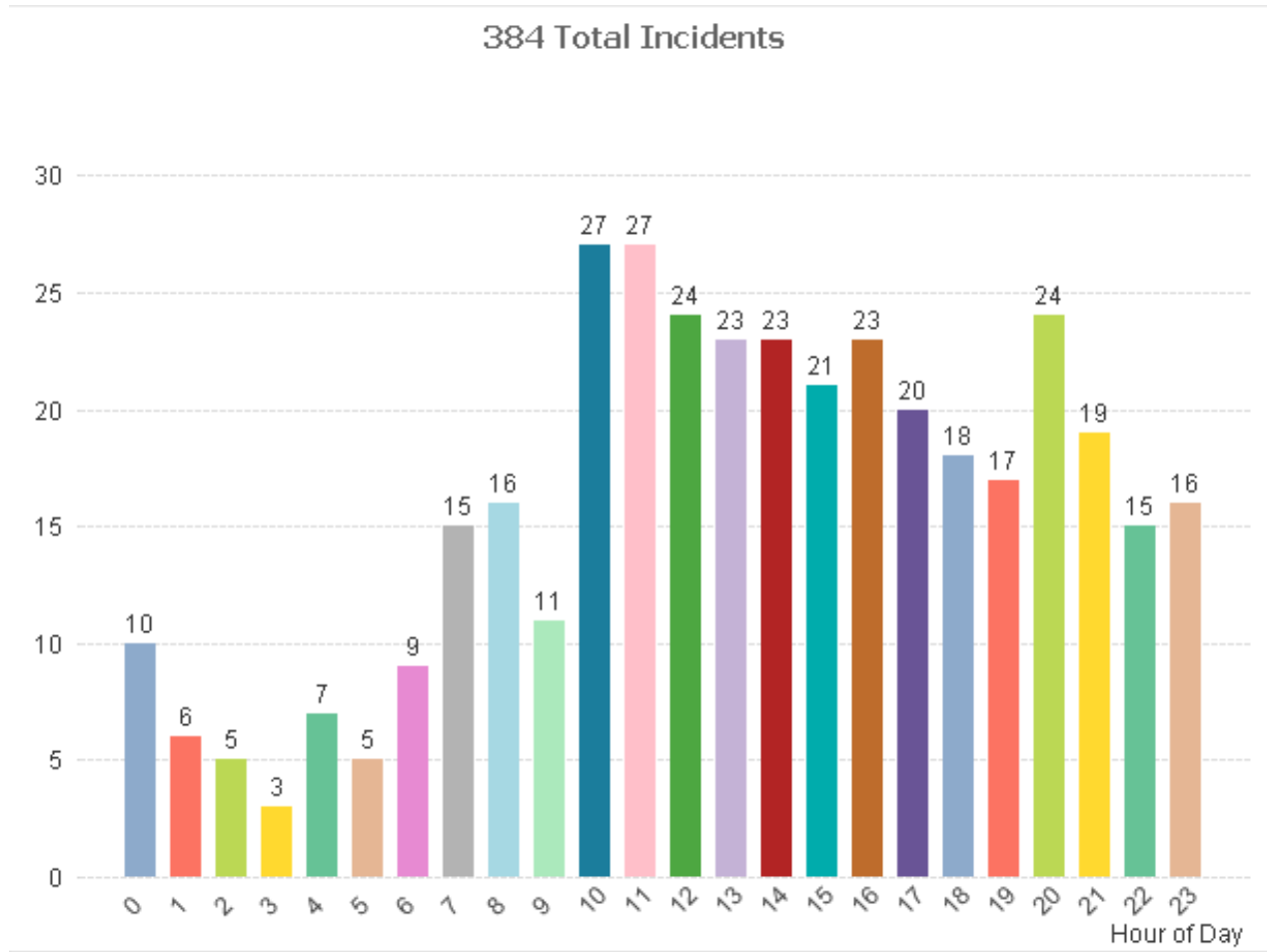
The following Deployment Measures are unable to be reported/tracked as required by the Deployment Measures due to technology issues with our current system and software limitations:

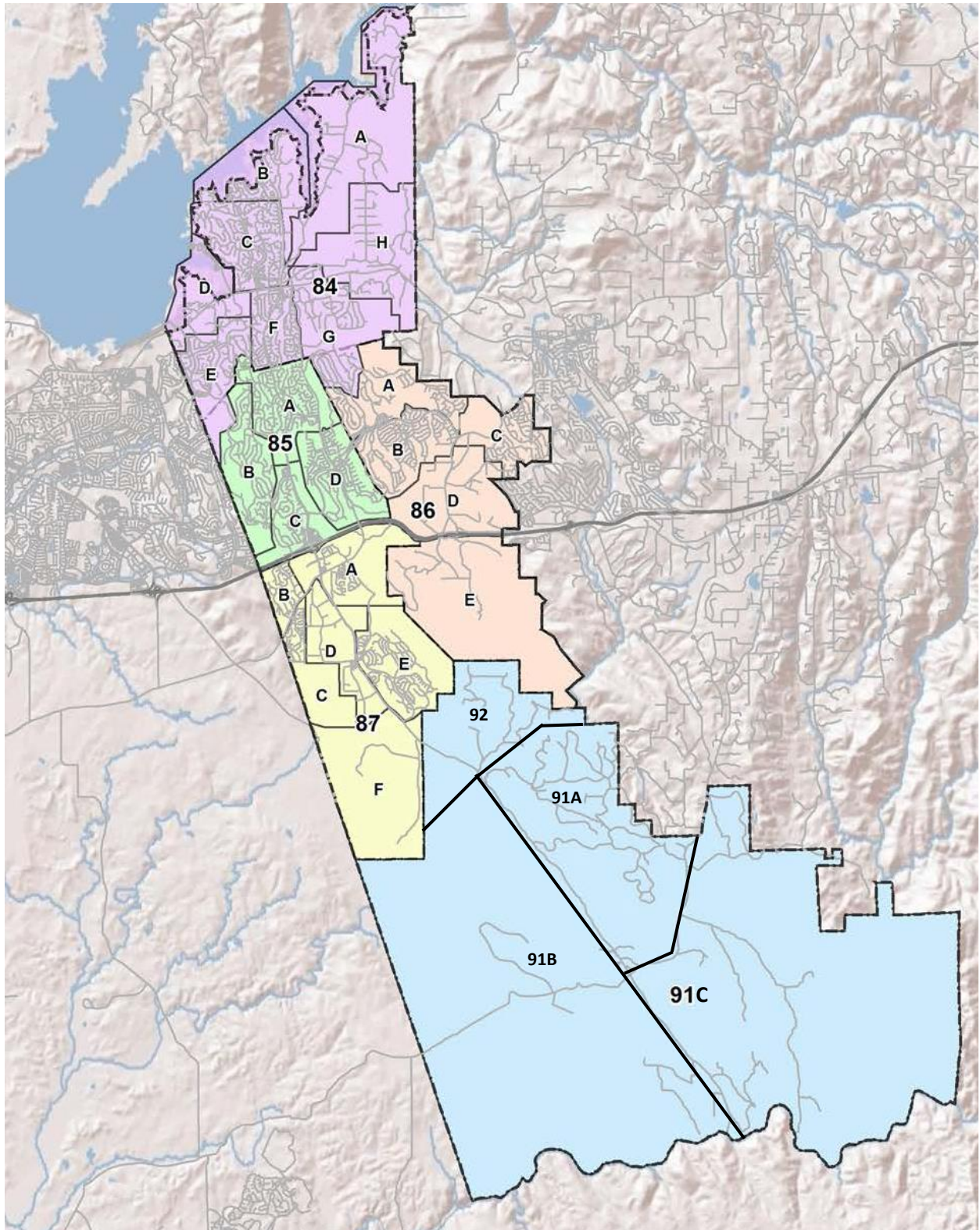
- Deployment Measure 2 - Turnout Time
- Deployment Measure 3 - Travel Time
- Deployment Measure 4 - Total Response Time
- Deployment Measure 5 - Effective Response Force (Fire/Rescue Large Emergency)



# INCIDENTS BY HOUR OF DAY

## JULY 1-31, 2017





**EL DORADO HILLS COUNTY WATER DISTRICT**  
**RESOLUTION**  
**AUTHORIZING AN AMENDMENT TO THE CONTRACT**

No. \_\_\_\_\_

WHEREAS, the Board of Administration of the California Public Employees' Retirement System and the Board of Directors of the El Dorado Hills County Water District entered into a contract effective on October 1, 1978 providing for the participation of said public agency in the California Public Employees' Retirement System; and

WHEREAS, it is now desirable to take advantage of certain benefits provided under said Retirement System and not included in said contract;

NOW, THEREFORE, BE IT RESOLVED, that said governing body authorized, and it does hereby authorize, an amendment to said contract, a copy of said amendment attached hereto and by such reference made a part hereof as though herein set out in full; and

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the presiding officer of said governing body is hereby authorized, empowered and directed to execute said amendment for and on behalf of said public agency.

Adopted this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

\_\_\_\_\_  
Presiding Officer

Attest:

\_\_\_\_\_  
Clerk/Secretary

## **Fire Station 92 Exterior Maintenance and Status Discussion**

---

### **Summary:**

This agenda item is intended to initiate a discussion about the exterior maintenance and status of existing Fire Station 92 located at 7470 Ryan Ranch Road.

This agenda item was added at the request of Director Hus through President Hartley.

### **Overview and Background**

Fire Station 92 needs repair. The facility needs a new roof, dry rot repair, and exterior paint (at a minimum) to improve the exterior appearance. See the pictures added to the end of the staff report for an example of the exterior condition. A larger strategic discussion about investing in repairing of this facility is appropriate.

This station is currently leased to the El Dorado Hills Fire Department.

Resolution 2014-04 “Resolution of the Board of Directors of the El Dorado Hills County Water District Initiating Proceedings for an Expansion of the Existing Sphere of Influence and the Annexation of Territory to the El Dorado Hills County Water District” was adopted on January 23, 2014. This resolution states under #7 that:

7. The existing lease agreements for Stations 91 and 92 shall be extended upon their existing terms for a period of not less than fifty (50) years from the date of annexation and Landlord consents to assignments of such leasehold interests shall be secured prior to annexation approval...

Also, be advised that under the Plan for Service dated January 21, 2014, it was stated that the plan for Station 92 was for “apparatus storage, training, Volunteer response and community meetings. Pending the continuation of the current low-cost lease agreements with the property owner, this use is anticipated to continue.”

### **Recommendation:**

Staff recommends that a Board Committee be assigned to review options for this fire station.

### **Fiscal Impact:**

Undetermined



# Station 92 – Current Pictures

## 7470 Ryan Ranch Road

West Side



Front View



East Side



Rear View



Example of Dry Rot On Exterior



Example of Dry Rot On Exterior





Example of Dry Rot On Exterior



Example of Dry Rot On Exterior



Interior Construction – Lacks Waterproof Membrane



Rear Drainage Problem



Roof Needs Replacement



**Strike Team Leader Assignment – Deputy Fire Chief Mike Lilienthal – XED-4075C**

**Detwiler Fire:** CA-MMU-014474 Order # E30  
7/20/2017 – 0900 hours to 7/29/2017 – 1545 hours  
Total Hours Committed to Detwiler Incident: 222.75 Hours

**Summary:**

Deputy Chief Lilienthal was assigned as Strike Team Leader Trainee (STEN-T) to the Detwiler Fire per the dates and order number provided above. This was an OES Strike Team assignment as part of the California Master Mutual Aid Agreement. The Portal-to-Portal agreement is attached along with the O.E.S. reimbursement rate sheet which shows the pay rate for the Deputy Fire Chief is 75.59 per hour. All costs including total time is reimbursed to the Department by the State of California O.E.S.

**Fiscal Impact:**

There is no fiscal impact to the District. The State of California will reimburse the District for all personnel and vehicle use costs.

**Recommendation:**

After subtracting the costs of the normal daily commitment to the District, staff recommends that Deputy Chief Lilienthal be awarded \$13,209 additional compensation per the following table for his O.E.S. assignment.

Total O.E.S. Strike Team Hours Committed -	222.75 Hours
Standard Duty Hours Already Compensated -	48 Hours (deducted)
Hours Committed to Incidents Beyond Standard -	174.75 Hours

174.75 Hours x 75.59 per Hour	\$13,209
-------------------------------	----------



### Breakdown of Hours Worked

Date	Additional Hours Worked
Thursday, July 20, 2017	14
Friday, July 21, 2017	24
Saturday, July 22, 2017	24
Sunday, July 23, 2017	24
Monday, July 24, 2017	14
Tuesday, July 25, 2017	14
Wednesday, July 26, 2017	14
Thursday, July 27, 2017	14
Friday, July 28, 2017	24
Saturday, July 29, 2017	8.75
<b>Total</b>	<b>174.75</b>

**2017 SALARY SURVEY / ACTUAL ADMINISTRATIVE RATE**

for the

**AGREEMENT FOR LOCAL GOVERNMENT FIRE AND EMERGENCY ASSISTANCE TO****THE STATE OF CALIFORNIA AND FEDERAL FIRE AGENCIES****(California Fire Assistance Agreement)**

Please complete and/or correct this salary survey information sheet (all fields on this form that pertain to your agency are required or survey may be returned due to lack of information). Return your completed survey as soon as possible to:

**California Governor's Office of Emergency Services / Fire and Rescue Division**

**3650 Schriever Ave Mather, California 95655**

or

**FAX: (916) 845-8396**

(To ensure receipt of your salary survey, we recommend mailing it to us "Certified with Return Receipt Requested")

Agency 3-Letter MACS I.D.:	<b>EDH</b>
Agency / Department Name:	<b>EL DORADO HILLS FIRE DEPARTMENT</b>
Chief's Name:	<b>DAVE ROBERTS</b>
Chief's Email Address*:	<b>DROBERTS@EDHFIRE.COM</b>
Department Email Address:	
Physical Address, City, State, Zip:	<b>1050 WILSON BLVD</b>
Mailing Address, City, State, Zip:	<b>EL DORADO HILLS, CA 95762</b>
Telephone Number:	<b>913-933-6623</b>
FAX Number:	<b>916-933-5357</b>
Federally Recognized Tribe? Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	Federal Fire Dept.? Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> Dept. of Defense? Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>

\*Email is for the individual responsible for reviewing and processing the Salary Survey, Administrative Rate, and invoices.

All information provided on this form is subject to audit by Cal OES, CAL FIRE, and the Federal Fire Agencies signatory to the California Fire Assistance Agreement.

Please provide the hourly Average Actual Rate or Base Rate for each classification used by your agency that is reflected in the chart below.

Instructions for completing the Cal OES 2016 Salary Survey / Actual Administrative Rate form.

Classification Title	Base Rates (ST) as of 04/13/2016	Avg. Actual Rate or Base Rate (ST) as of:	Above B/C with a MOU/MOA for above Straight Time (OT)	MOU/MOA/GBR for Portal to Portal
Chief	\$23.91 /per hour	<b>93.09</b> /per hour	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Deputy Chief	\$23.91 /per hour	<b>75.59</b> /per hour	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Division Chief	\$23.91 /per hour	/per hour	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Assistant Chief	\$23.91 /per hour	/per hour	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Battalion Chief	\$23.91 /per hour	<b>53.49</b> /per hour		Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Co. Officer/Capt./Lt.	\$19.46 /per hour	<b>44.64</b> /per hour		Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
App. Officer/Engineer	\$19.46 /per hour	<b>38.36</b> /per hour		Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Firefighter/FF-PMedic	\$19.46 /per hour	<b>31.73</b> /per hour		Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Actual Administrative Rate** (due by July 1st):			<b>0.1</b>	(Enter as Decimal)
Workers Compensation Insurance Rate:			<b>.1038</b>	(Enter as Decimal)
Unemployment Insurance Rate:			<b>.027</b>	(Enter as Decimal)
Agency Federal Taxpayer I.D. Number or Federal Employee I.D. Number:			<b>94-6050436</b>	
Agency Data Universal Numbering System (DUNS) Number:			<b>171209950</b>	

**NOTE: These rates are not effective until the date they are received by Cal OES.**

**\*\*If your Actual Administrative Rate is on file, you are required to update and complete an Actual Administrative Rate Calculation Sheet (Page 2) by July 1st, 2016. After that date, the rate will default back to 10%.**

**What is reported on this form constitutes direct salary costs for employees.**

As an authorized representative of my agency/dept., I certify to the best of my knowledge and belief that this information is correct. Furthermore, my signature below represents acceptance by my agency/dept., as a cooperator, to comply with the authorities, terms and conditions of the CFAA. I also agree to comply with all cooperator agency internal accounting and expense reimbursement standards.

Print Name

Authorized Representative

Date

**DEPARTMENT OF CALIFORNIA HIGHWAY PATROL**

Office of Inspector General  
601 North 7th Street  
Sacramento, CA 95811  
(916) 843-3160  
(800) 735-2929 (TT/TDD)  
(800) 735-2922 (Voice)



July 29, 2017

File No.: 010.16596.19746

Russ Hasemeier, Battalion Chief  
El Dorado Hills Fire Department, Fire Station 84  
1050 Wilson Boulevard  
El Dorado Hills, CA 95762

Dear Battalion Chief Hasemeier:

Thank you and your staff for the training and hospitality extended to the California Highway Patrol, Office of Inspector General. Specifically, on Monday, July 24, 2017, the Office of Inspector General conducted an annual fitness challenge and wellness day at the Promontory Community Park located in El Dorado Hills, CA. Captain Jason Smith, Engineer Jake Baldwin, Firefighter Mike Lovinger, and Intern Travis Spruitenberg of the El Dorado Hills Fire Department, Fire Station 84, graciously provided training and information to our staff and their family in regards to emergency medical services, water safety, heat exhaustion prevention and other additional safety concerns and preventative measures.

Please accept my deepest gratitude to the El Dorado Hills Fire Department and members of Fire Station 84 who provided such beneficial and informative training to our staff and their family members. If I can be of assistance, please do not hesitate to contact me at (916) 843-3160.

Sincerely,

A handwritten signature in blue ink, appearing to read "I. Y. TIEN".

I. Y. TIEN, Captain  
Deputy Inspector General

