

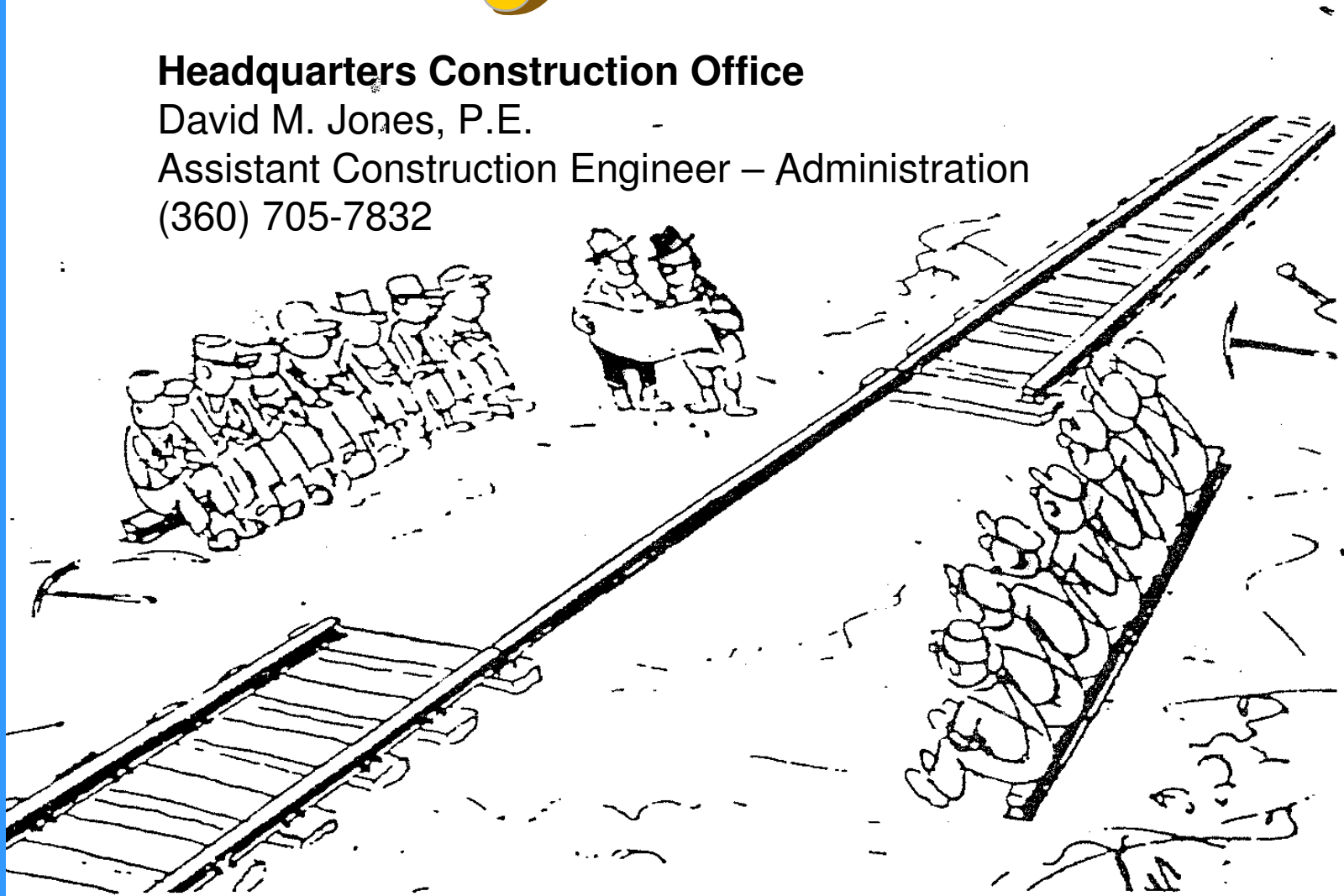
Change Orders

Headquarters Construction Office

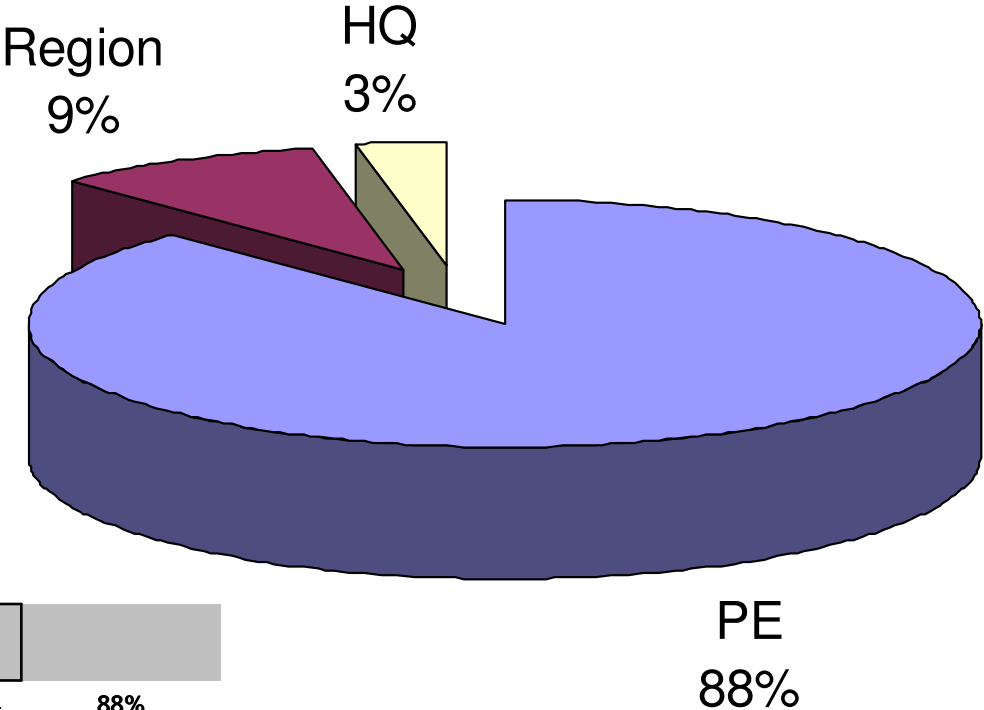
David M. Jones, P.E.

Assistant Construction Engineer – Administration

(360) 705-7832

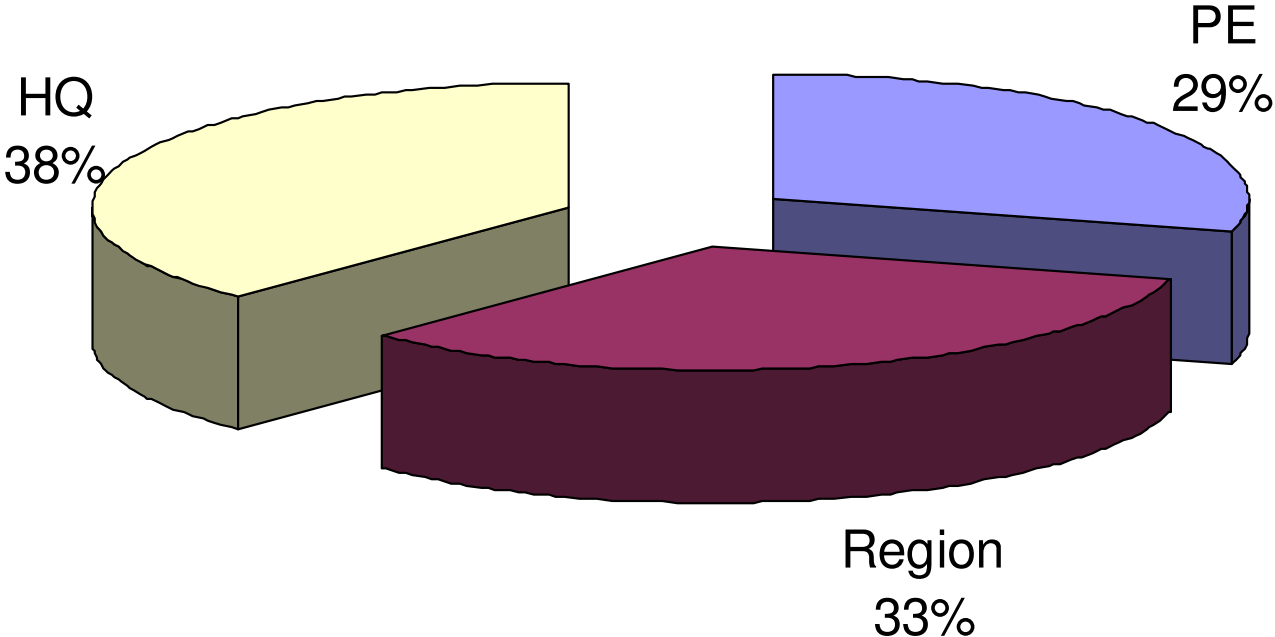


Change Order Execution by number FFY 2007

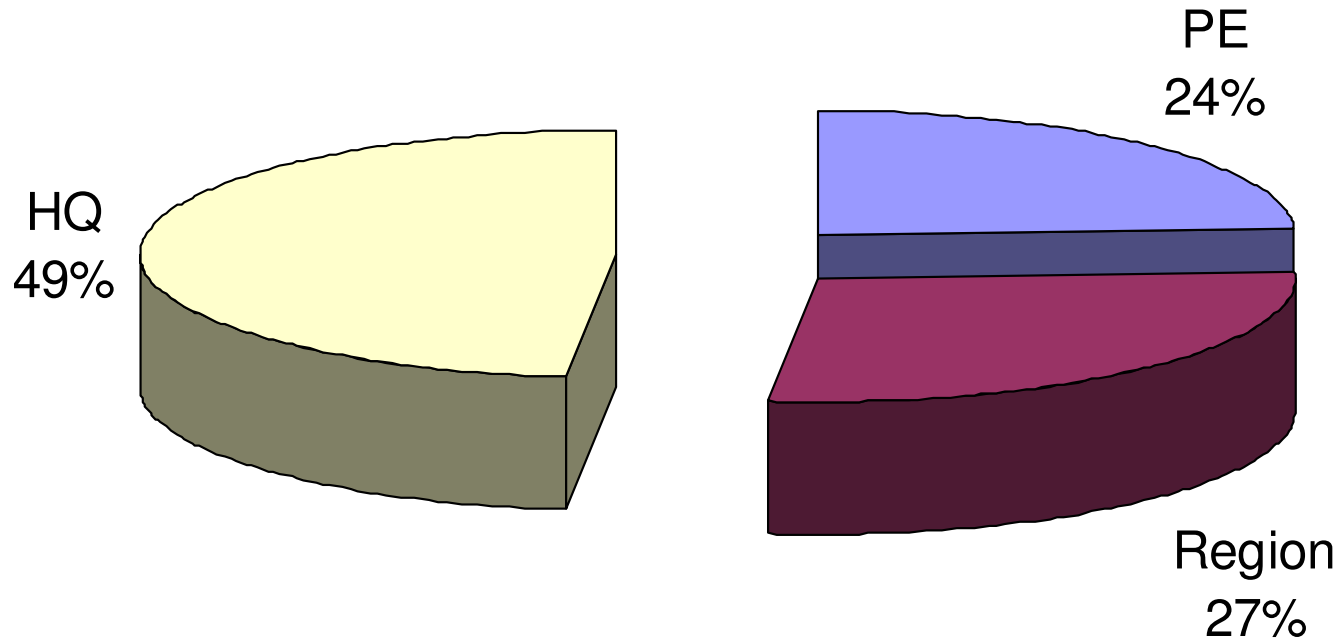


	Number of Change Orders	
PE	1724	88%
Region	183	9%
HQ	58	3%
Total	1965	100%

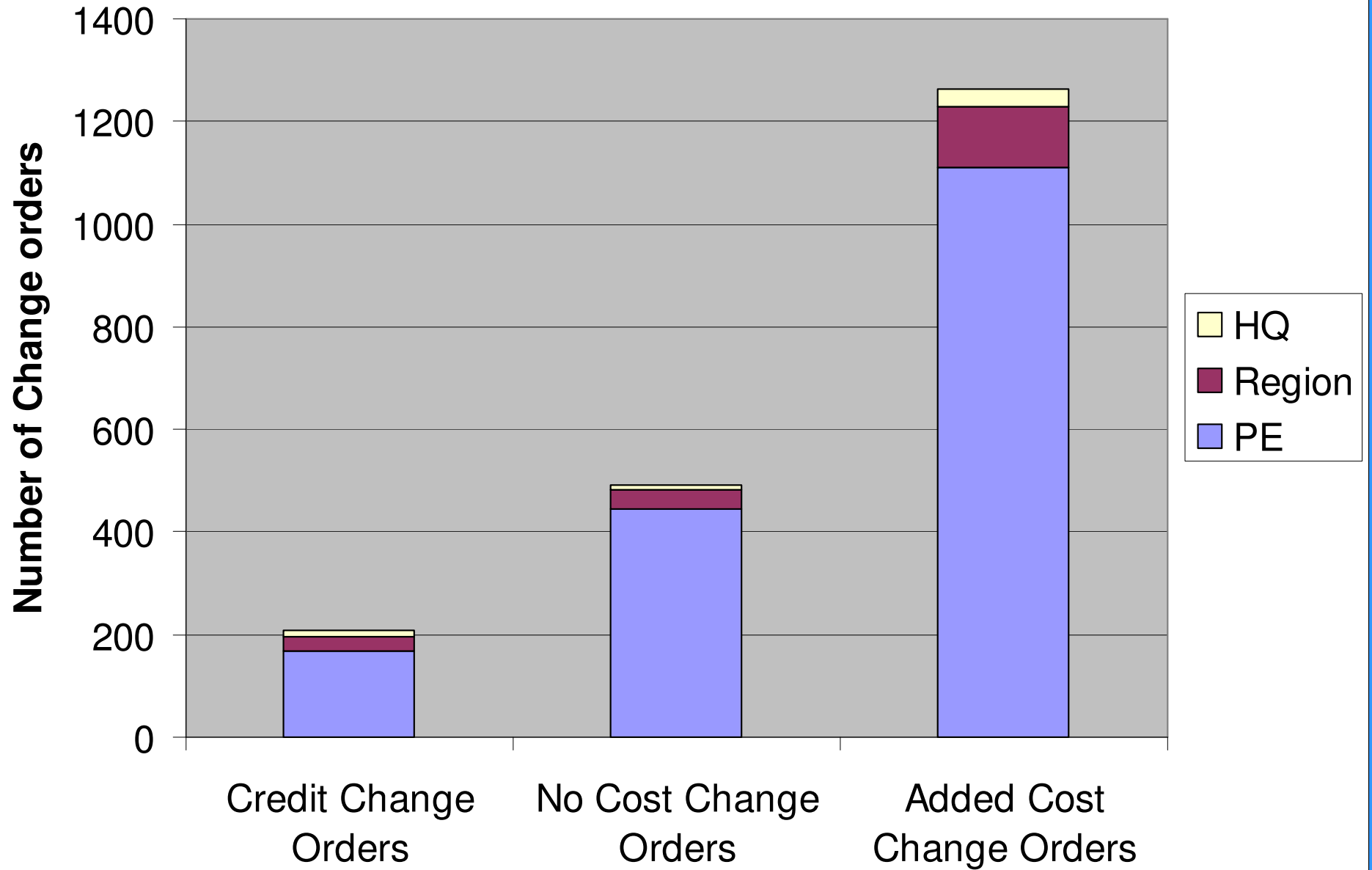
Change Order Execution by Dollars including Credit CO's



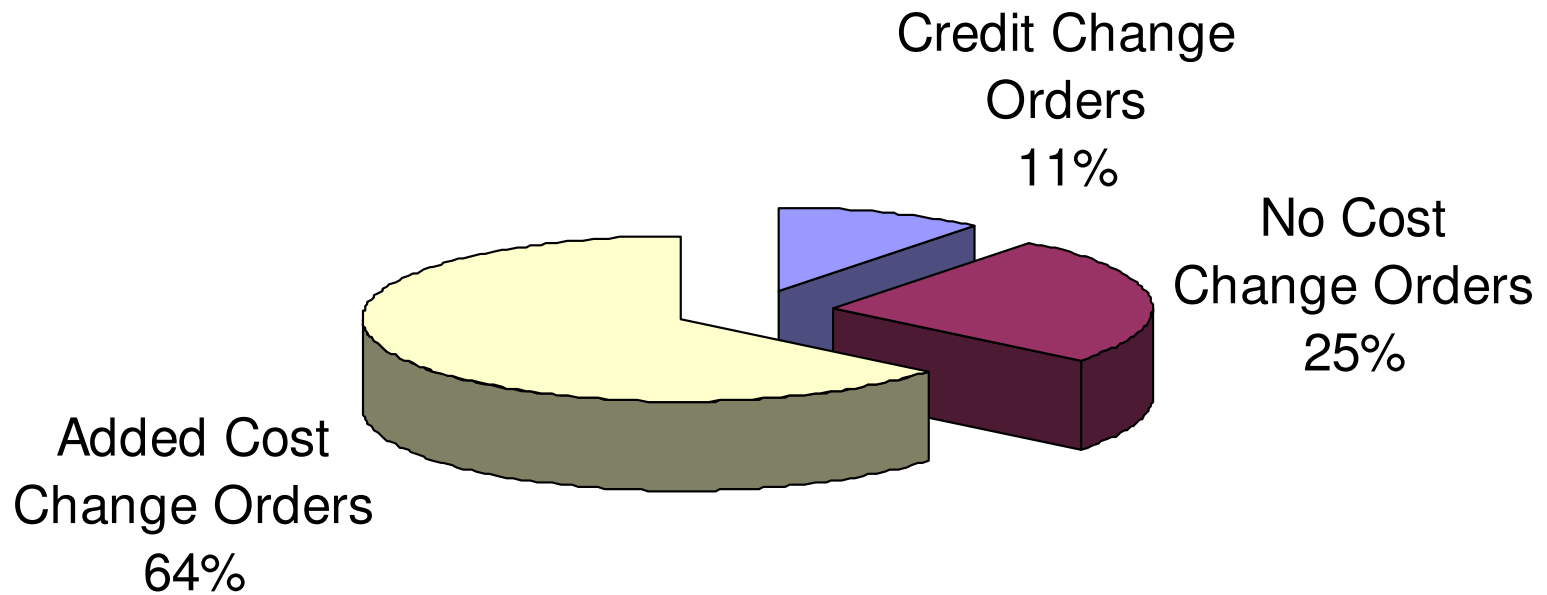
Change Order Execution by Dollars



Type of Change Orders



Type of Change Order



	Credit Change Orders	No Cost Change Orders	Added Cost Change Orders
PE	167	446	1111
Region	28	36	119
HQ	15	11	32
Total	210	493	1262

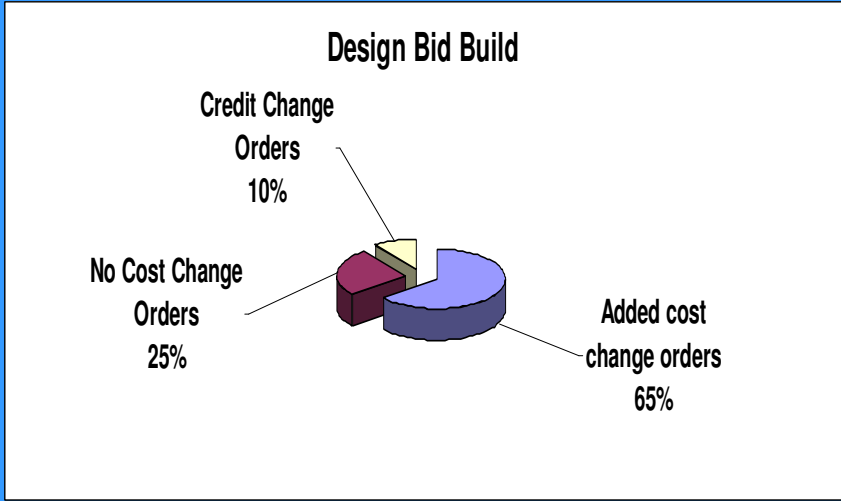
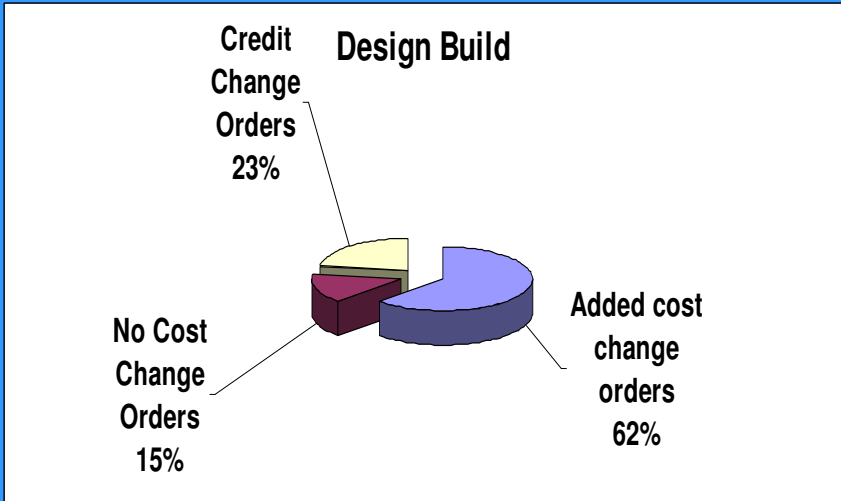
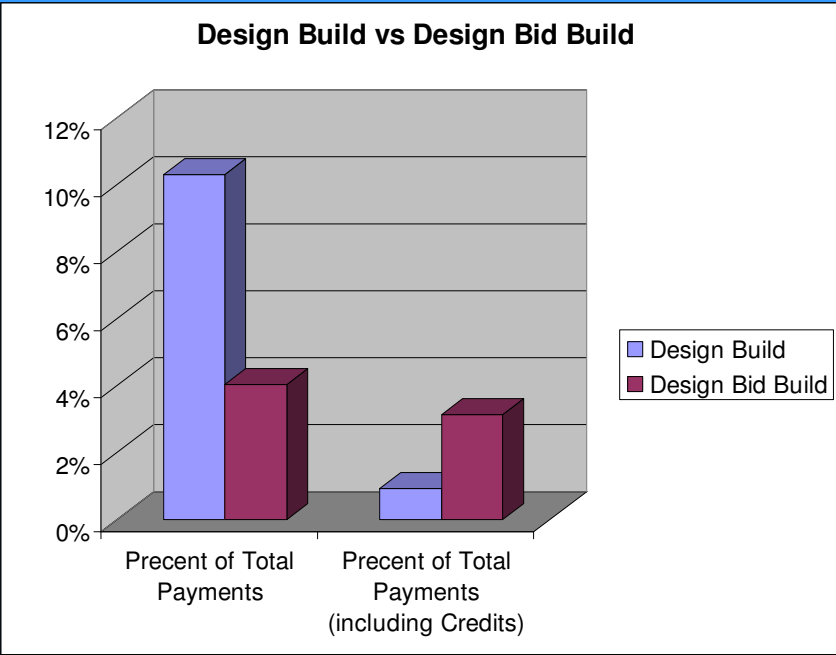
How did we do?

Region	Number of Change Orders	Change Order Value	Total Payments	Percent of Total Payments
Eastern	151	\$612,273	\$56,564,349	1.1%
South Central	137	\$783,333	\$47,133,304	1.7%
Southwest	160	\$844,375	\$42,807,491	2.0%
UCO	225	\$2,747,840	\$115,288,636	2.4%
Olympic	580	\$6,147,479	\$255,864,917	2.4%
North Central	129	\$1,046,551	\$39,963,841	2.6%
Northwest	583	\$9,036,447	\$276,272,036	3.3%
	1965	\$21,218,298	\$833,894,575	2.5%

Contract Time

	Contract Time Change Orders		Largest Number of days added	Largest decrease in working days	Average change in days	Change Order Values \$	Total adjustment of contract time (days)
Added days	141	7.2%	137.5		6.6	\$7,198,350.01	929.5
deleted days	3	0.2%		-11.	-4	-\$14,836.38	-13

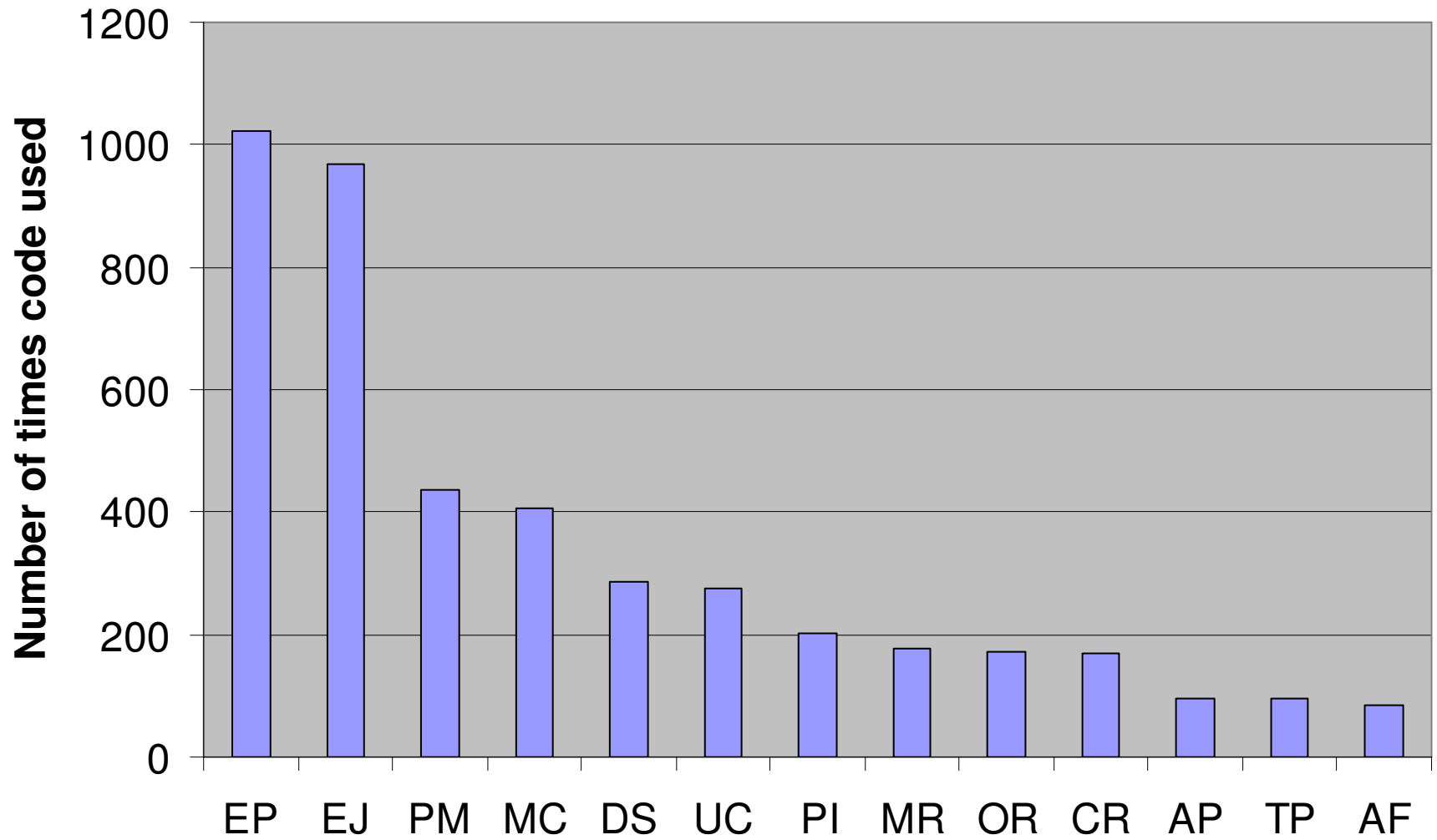
Design Build / Design Bid Build



Avoidable Value added

	Non Avoidable	Avoidable	
Value Added	419 21% \$15.5 million	645 33% \$18.0 million	54% \$33.5 Million
No Value Added	342 17% \$0.9 million	559 28% \$2.5 million	46% \$3.4 Million
	38%, \$16.4 Million	61%, \$20.5 Million	

Top Change Order Codes



USE 'F1' TO SELECT A VALID CHANGE ORDER SECTION-CODE.
NCGD111P WSDOT - CONSTRUCTION CONTRACTS NCGD1127
Feb 04, 2008 SETUP NEW CHANGE ORDER 2:08 PM
CONTRACT NO: 007205 CHANGE ORDER: ___ R Page 6 of 6

What Section of contract Changed?

█_

Describe the Detail Change:

--

What created the Need or Caused the Change?

--

What is the Purpose of this Change Order?

--

--

PF1(H) PF2(M) PF3(E) PF4(R) PF6(S) PF7(-) PF8(+)
Menu End Return Save Page Up Page Dn

4B █ :00.1 08/14

USE 'F1' TO SELECT A VALID CHANGE ORDER SECTION-CODE.
NCGD111P WSDOT - CONSTRUCTION CONTRACTS NCGD1127
Feb 04, 2008 SETUP NEW CHANGE ORDER 2:08 PM
+ + 6 of 6

What Section of contract Changed?

SELECT CODE: █

Code Description

- AB GENERAL REQUIREMENTS (STD. SPECIFICATION SECTIONS)
- AC PREPARATION
- AD GREADING/EARTHWORK
- AE DRAINAGE
- AF STORM SEWERS
- AG SANITARY SEWERS
- AH WATER LINES
- AI STRUCTURES
- AJ BASES
- AK PORTLAND CEMENT CONCRETE PAVEMENT

PF3 - End PF7 - Bckwrd PF8 - Frwr

PF1 (H) PF2 (M) PF3 (E) PF4 (R) PF6 (S) PF7 (-) PF8 (+) PF10 (<) PF11 (>)
Menu End Return Save Page Up Page Dn



File Edit View Tools Session Options Help



PLEASE ENTER NEW DETAILS FOR CHANGE ORDER - PRESS PF6 TO SAVE

NCGD111P

WSDOT - CONSTRUCTION CONTRACTS

NCGD1127

Mar 17, 2008

SETUP NEW CHANGE ORDER

3:06 PM

CONTRACT NO: 007273 CHANGE ORDER: ___ R

Page 6 of 6

What Section of contract Changed?

AE DRAINAGE

Describe the Detail Change:

--

What created the Need or Caused the Change?

--

What is the Purpose of this Change Order?

--

--

PF1 (H)

PF2 (M)

PF3 (E)

PF4 (R)

PF6 (S)

PF7 (-)

PF8 (+)

PF10 (<)

PF11 (>)

Menu

End

Return

Save

Page Up

Page Dn

4B

:00.1

09/53



PLEASE ENTER NEW DETAILS FOR CHANGE ORDER - PRESS PF6 TO SAVE

NCGD111P

WSDOT - CONSTRUCTION CONTRACTS

NCGD1127

3:06 PM

6 of 6

Describe the Detail Change:

SELECT CODE: █

AE - DRAINAGE

Code Description

- 01 DRAINS
- 02 STRUCTURAL PLATE PIPE
- 03 PIPE ARCH
- 04 ARCH
- 05 UNDERPASS
- 06 DRYWELLS
- 07 CLEANING EXISTING DRAINAGE STRUCTURES
- 08 GENERAL PIPE INSTALATION REQUIRMENTS

PF3-End PF7-Bckwrđ PF8-Frwrđ

PF1 (H) PF2 (M) PF3 (E) PF4 (R) PF6 (S) PF7 (-) PF8 (+) PF10 (<) PF11 (>)
 Menu End Return Save Page Up Page Dn

4B █

⌚ :00.1

05/62



File Edit View Tools Session Options Help



CHANGE ORDER 13 WAS SUCCESSFULLY UPDATED

NCGD111P

WSDOT - CONSTRUCTION CONTRACTS

NCGD1127

Mar 17, 2008

SETUP NEW CHANGE ORDER

3:16 PM

CONTRACT NO: 007273 CHANGE ORDER: 013 R

Page 6 of 6

What Section of contract Changed?

AE DRAINAGE

Describe the Detail Change:

01 DRAINS

What created the Need or Caused the Change?

CC

What is the Purpose of this Change Order?

DS

--

PF1 (H)

PF2 (M)

PF3 (E)

PF4 (R)

PF6 (S)

PF7 (-)

PF8 (+)

PF10 (<)

PF11 (>)

Menu

End

Return

Save

Page Up

Page Dn

4B

:00.1

04/33

So what are we going to do with This?

- The codes tell why there is entitlement and what the change order did?
- What it didn't tell us was what specifications changed.
- Systematically identify change order spikes, requiring attention
- You can also use this information