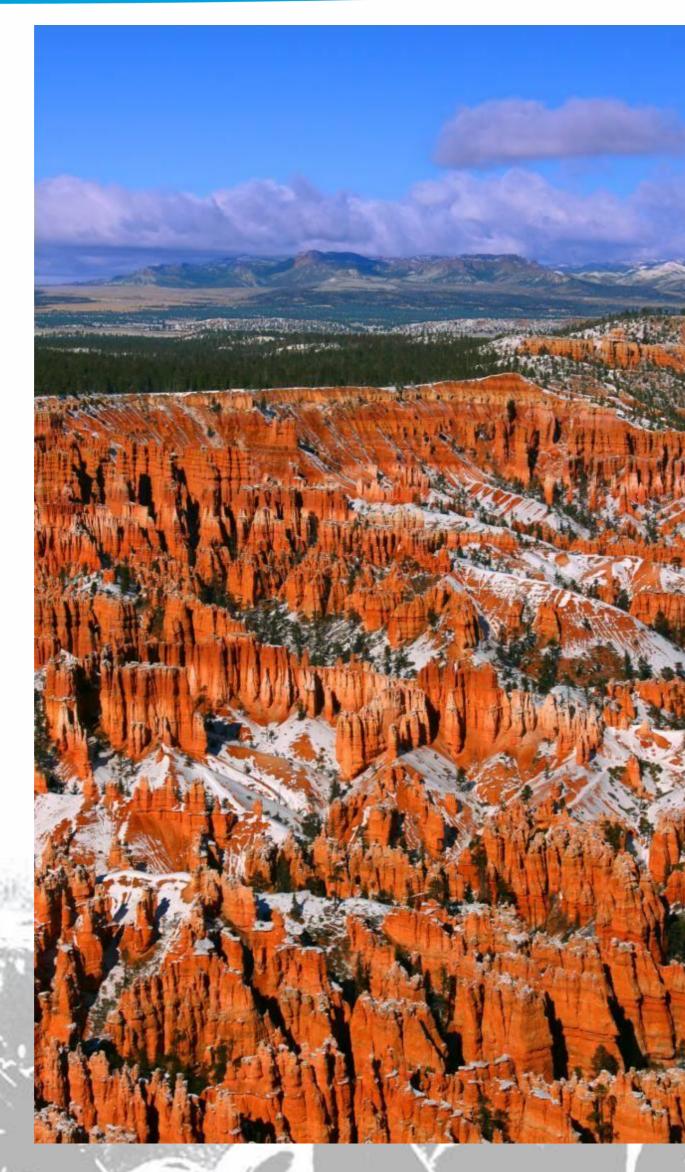


Enhancing AiM/CPPM with TOC Presented By: Jerry Sheets Theory of Constraints







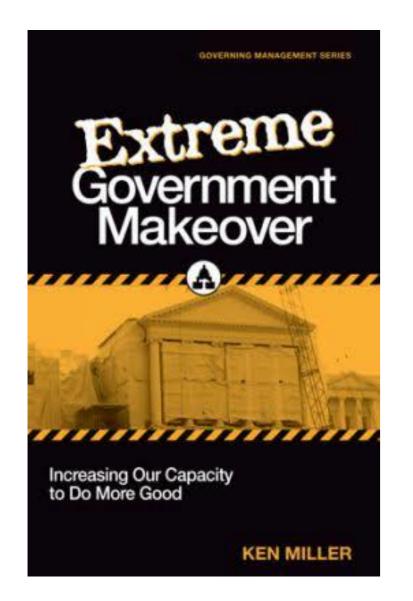


Agenda

- Background •
- What is TOC? •
- The Problem
- The Solution
- What's Next? ullet
- Resources D
- Q & A



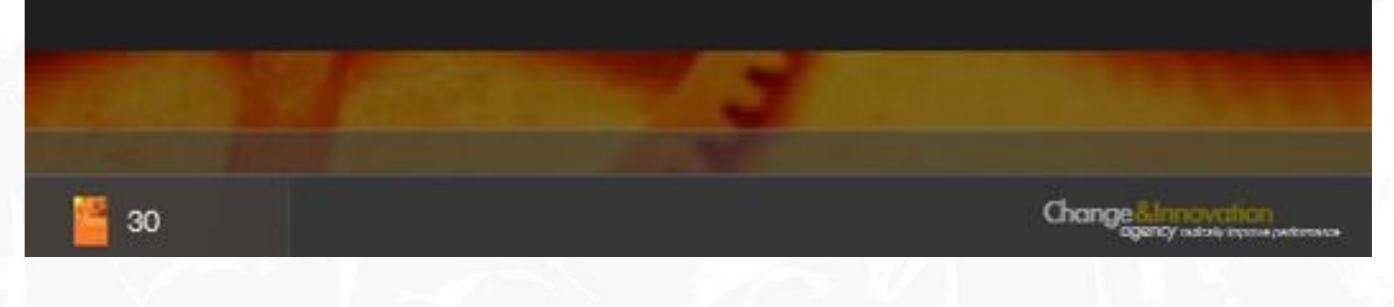
The Work of the Public Sector



Quote by Ken Miller

'Extreme Government Makeover' And 'We Don't Make Widgets'

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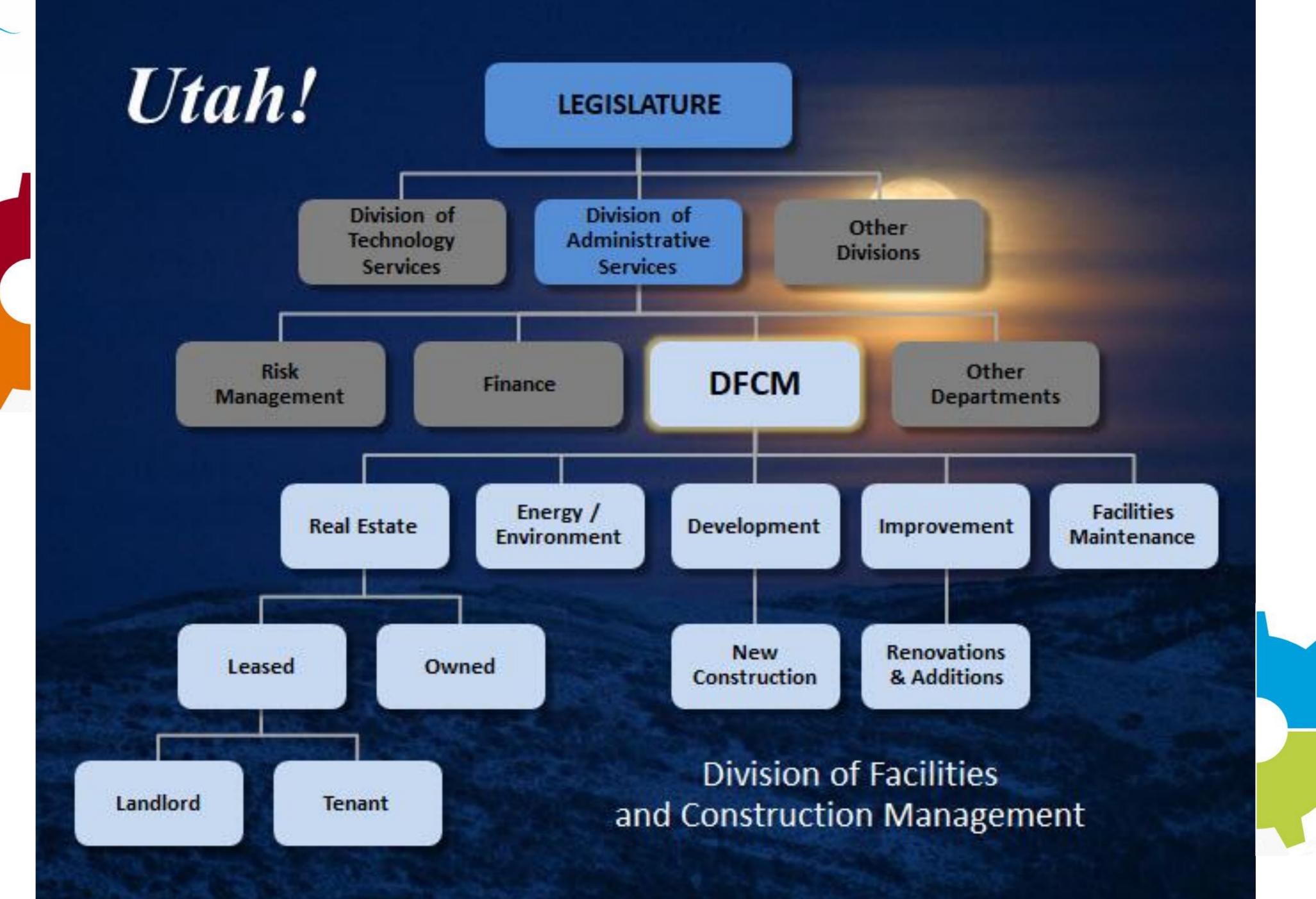




"Government is a bunch of hard working people, trapped in dysfunctional systems that produce invisible things for people who do not want them, on behalf of others that do, for reasons we rarely articulate and can hardly measure."







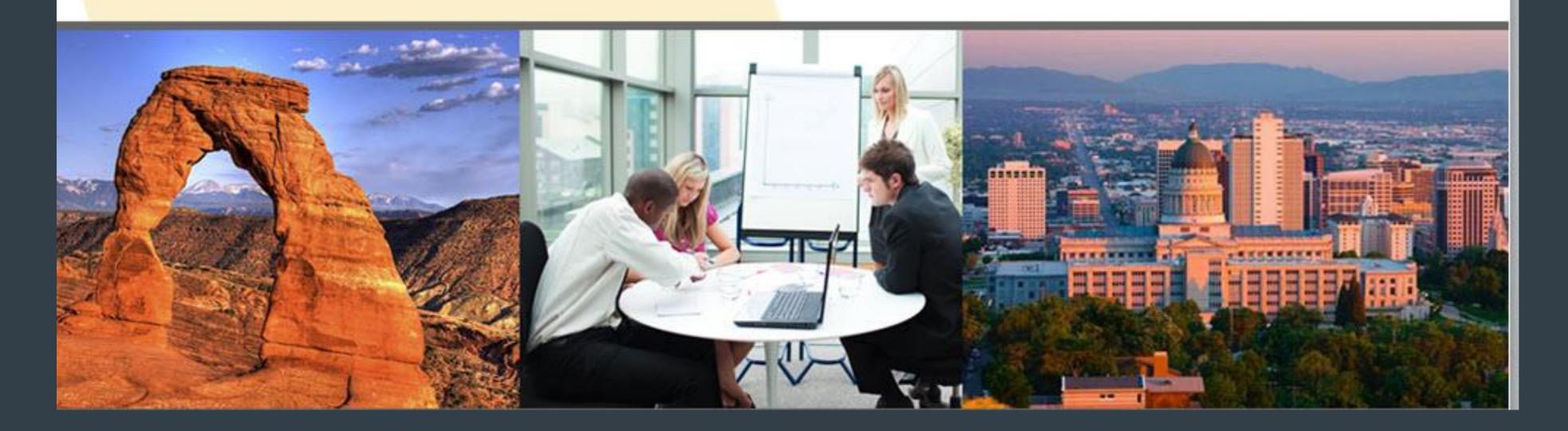




Kristen Cox Executive Director, Office of Management and Budget



HELPING UTAH PUBLIC SERVICES DELIVER VALUE and DEMONSTRATE EXCELLENCE



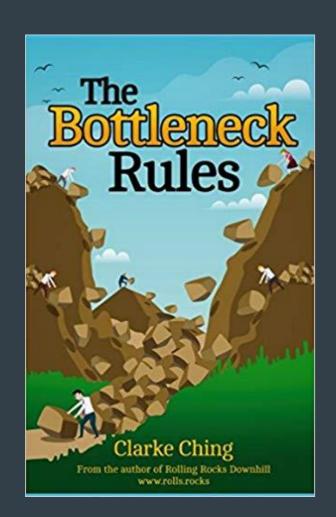
Kristen Cox	Yishai Ashlag
STOP DECOR/ THE FIS	
Which problems to ignore and which problems really matt	39.00





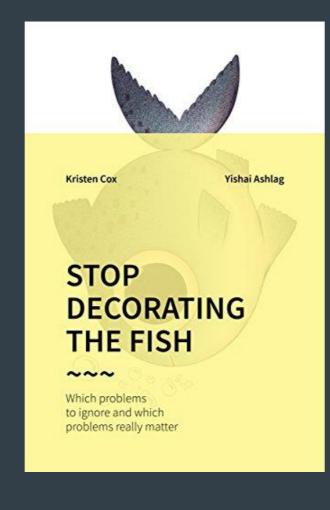
1





P&G

Procter&Gamble











Extreme Government Makeover mannan manna

Increasing Our Capacity to Do More Good

KEN MILLER



ADELTA TOSHIBA



Martia A I R L I N E S[°]

Eli Goldratt has been described by Furture 28 a "guvu to industry" and by Business Week. as a "genius". His book. The Goal, is a gripping first paced business novel

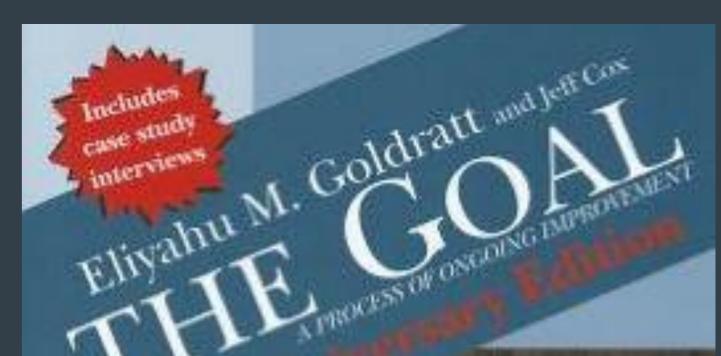
'Goal readers are now doing the best work of their lines." Success Magazine

"A factory may be an unlikely actives for a nevel, but the book has. been wildly effective...... Tim Peters



THE BEST-SELLING BUSINESS NOVEL THAT INTRODUCED THE THEORY OF CONSTRAINTS AND CHANGED HOW AMERICA DOES BUSINESS

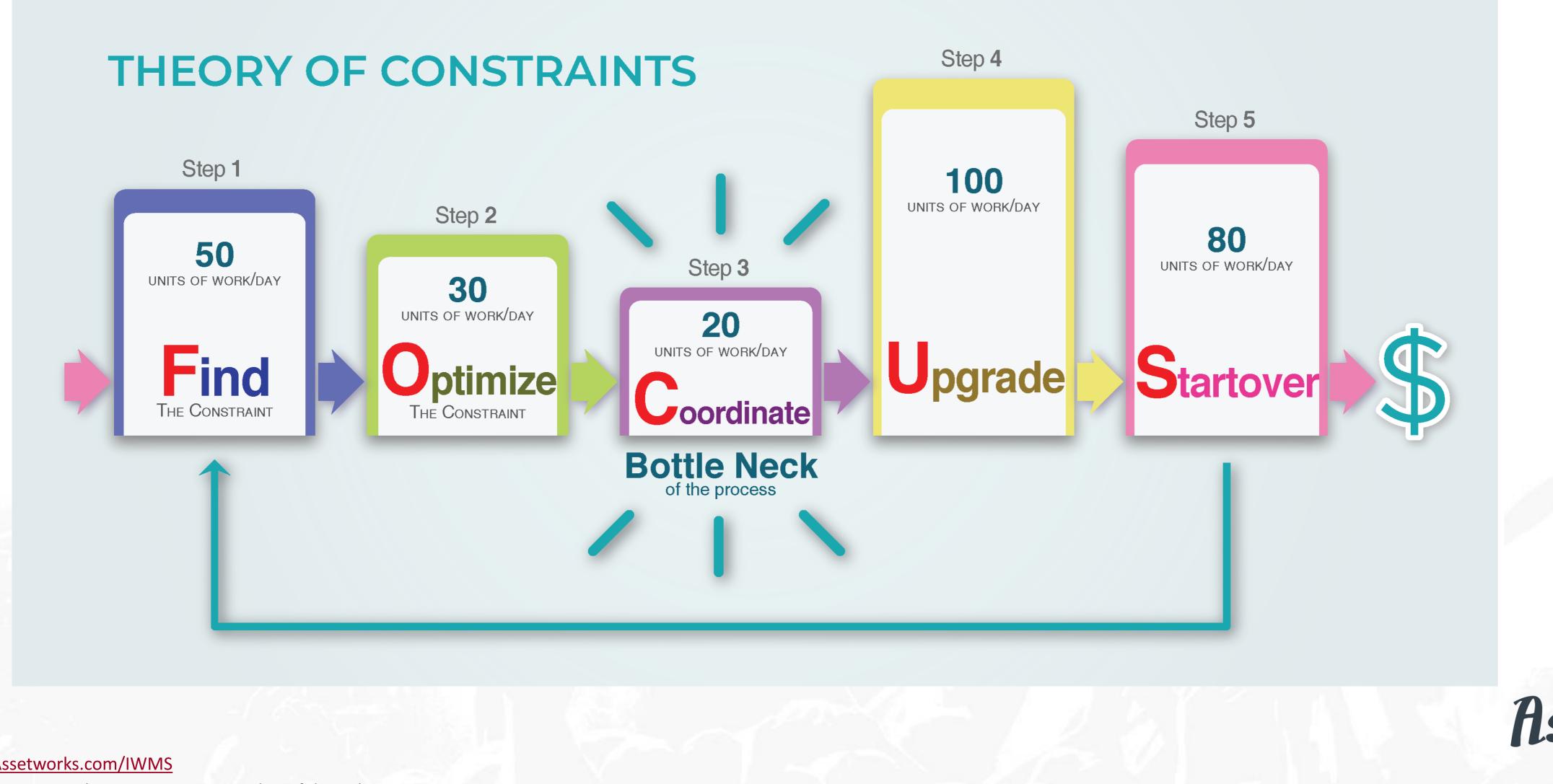
THIRD REVISED EDITION





The 5 FOCUSing Steps of the Theory of Constraints (TOC)

5 Key Steps in Effective Process Improvement

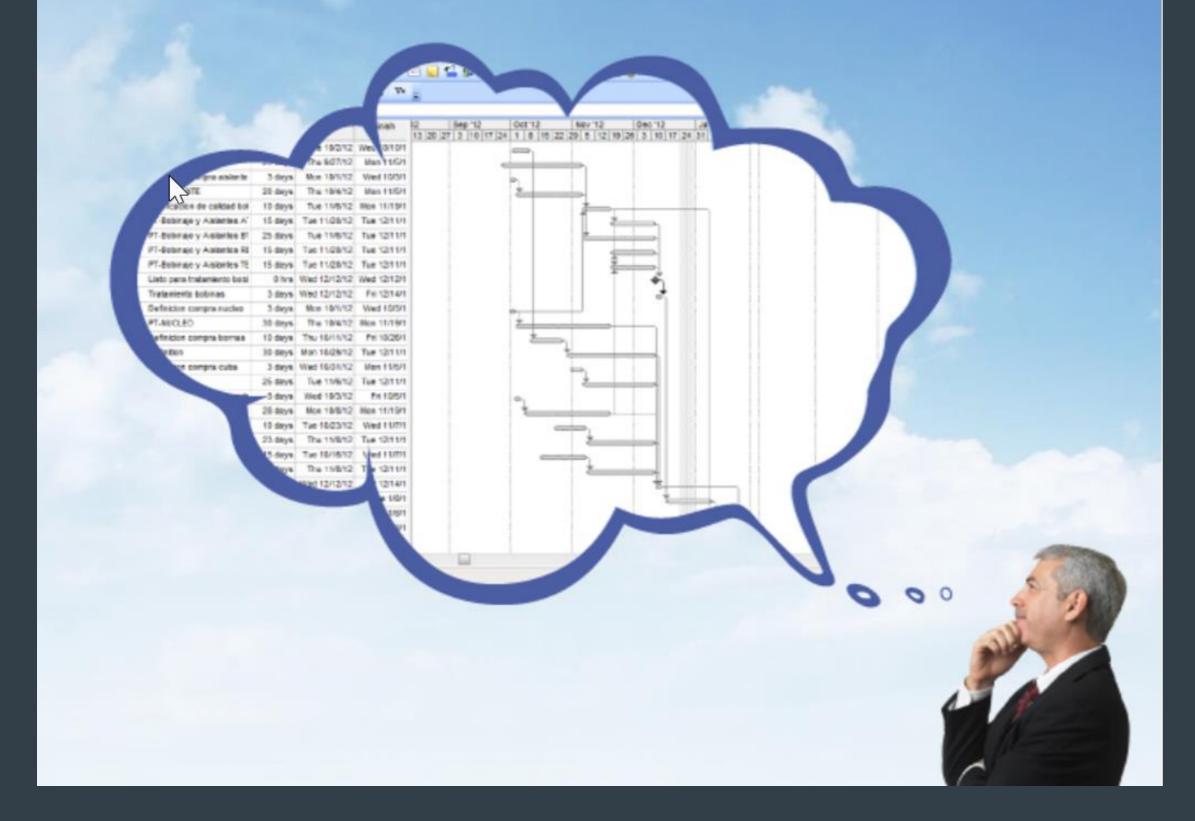


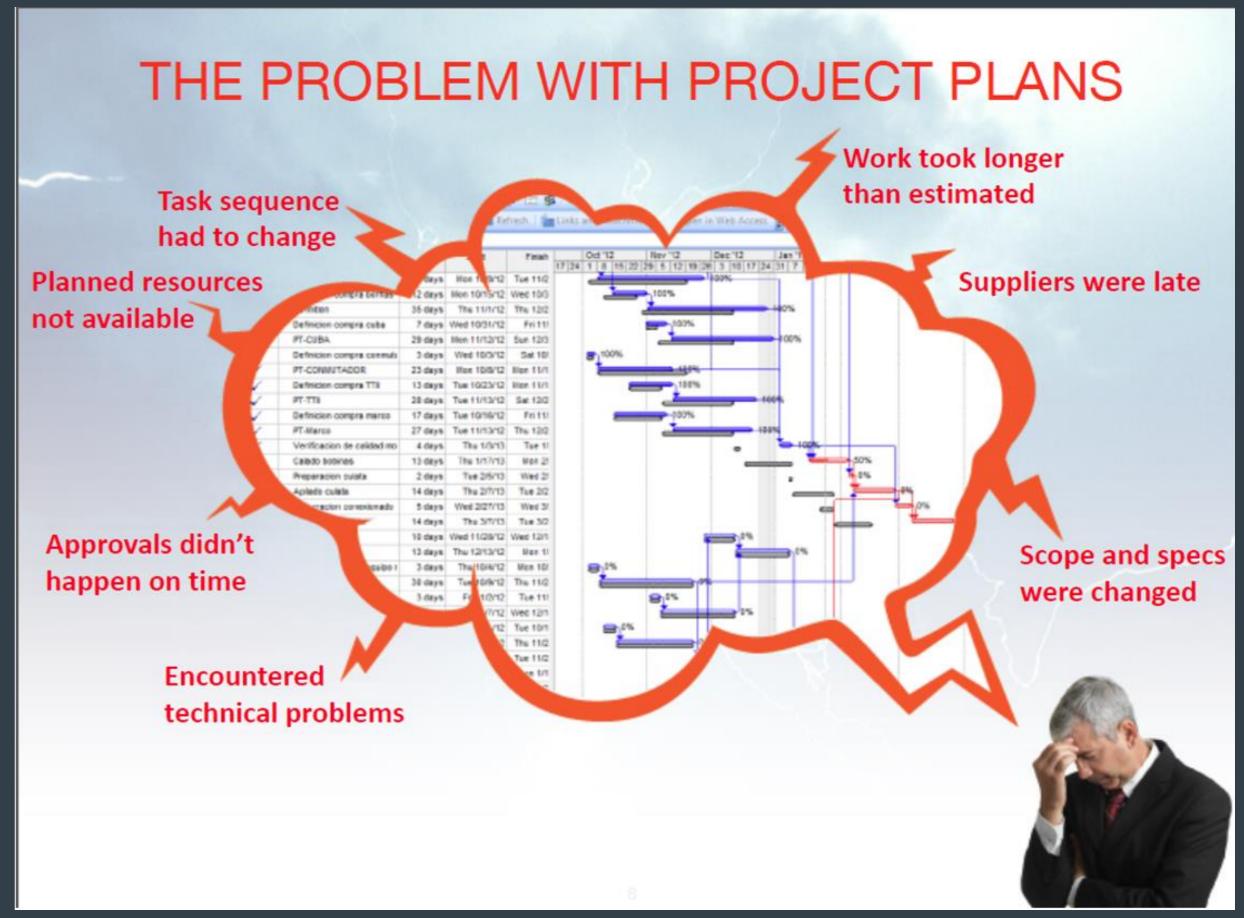
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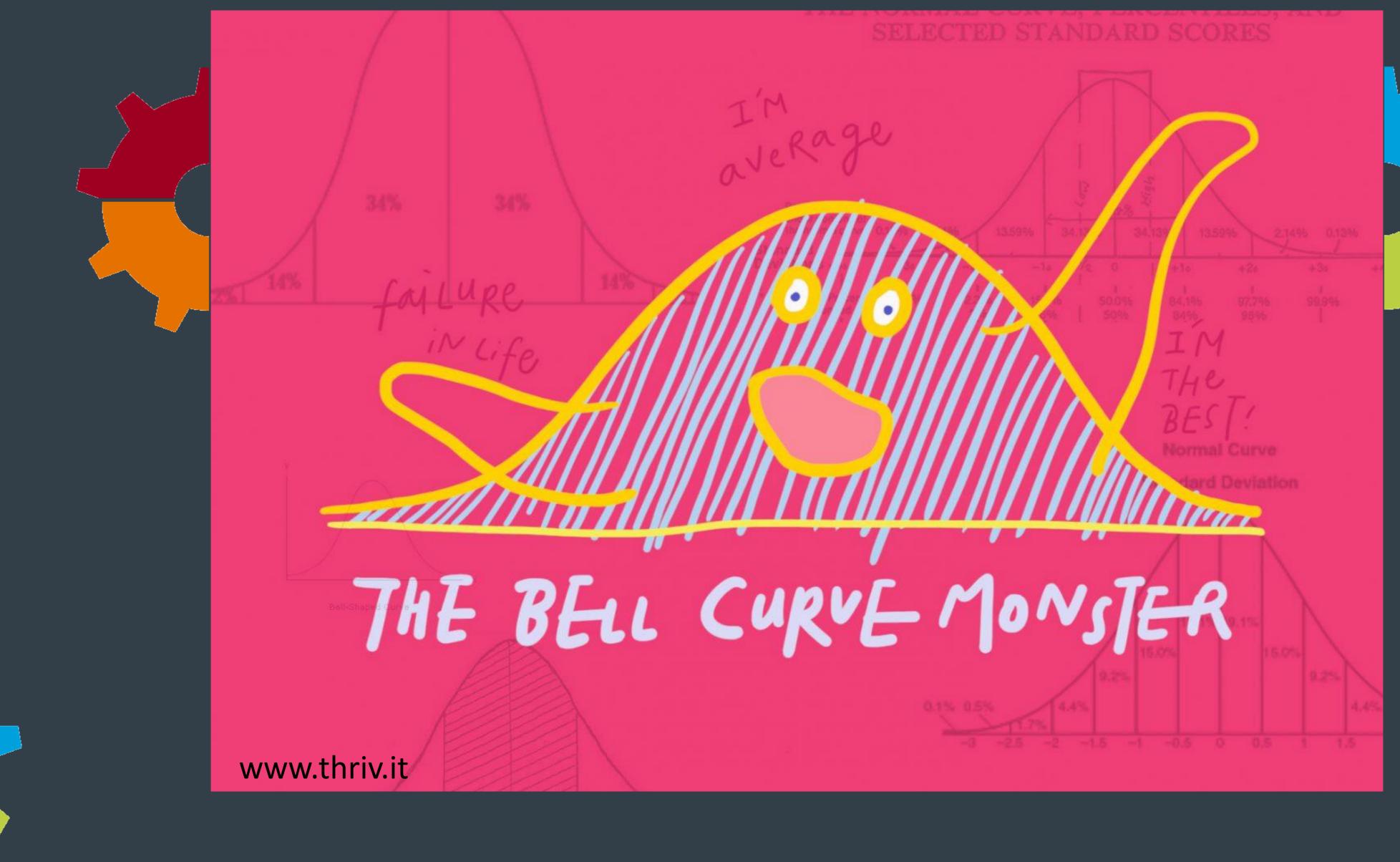


THE PROMISE OF PROJECT PLANS





Bell Curve Monster

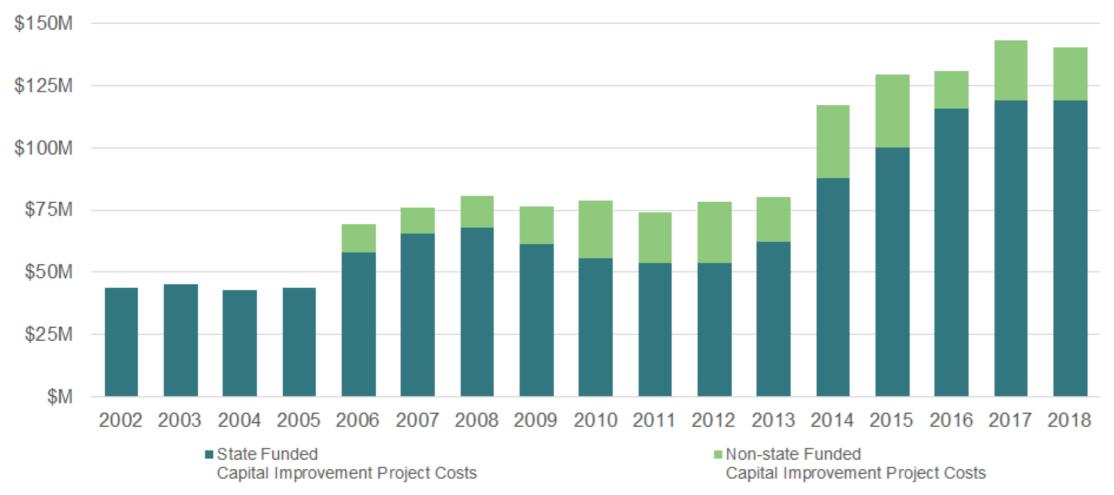




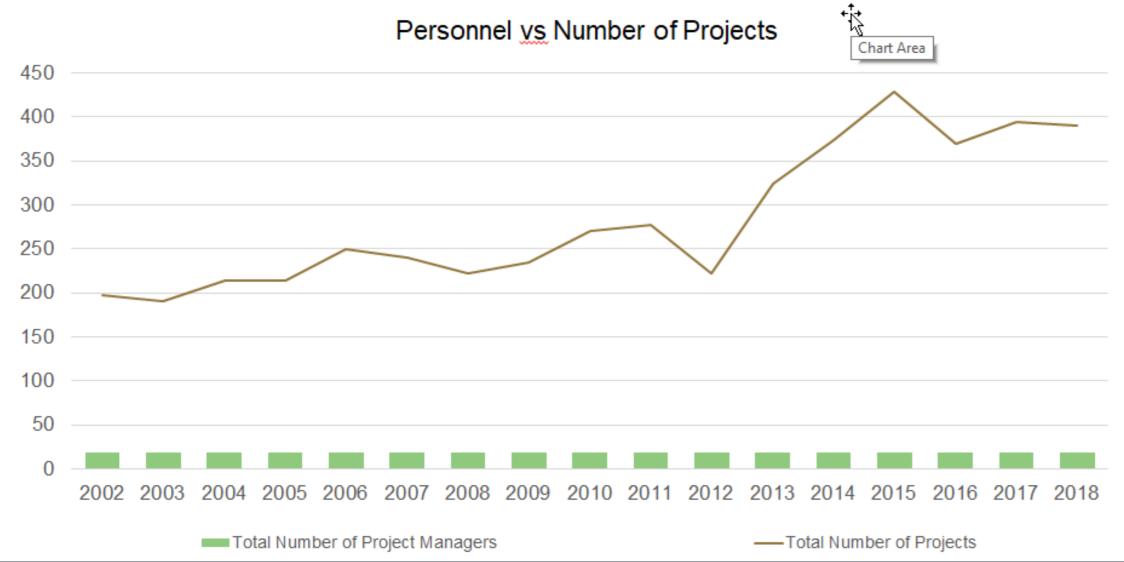


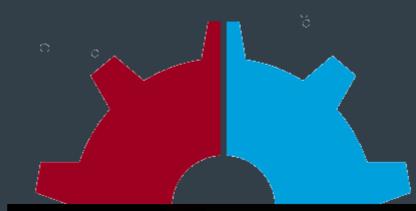
Capital Improvement Projects

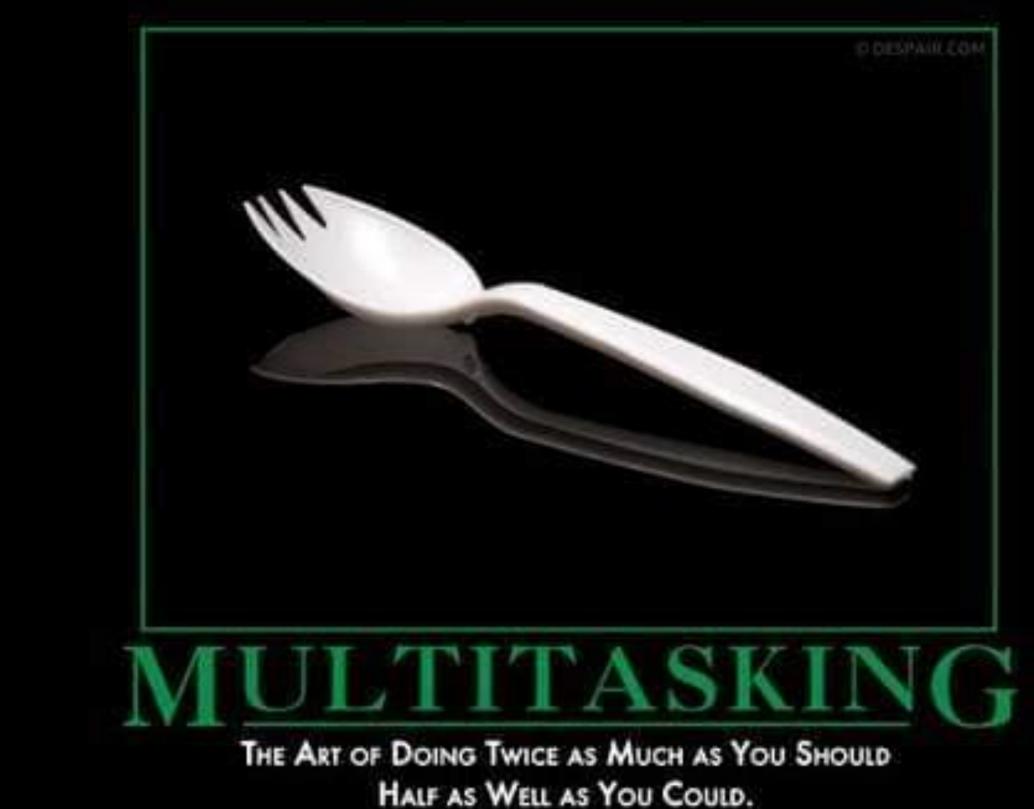
Capital Improvement Funding History



Capital Improvement Projects













PER YEAR

6 of 1

Capital Improvement Projects

 \mathbb{Q}

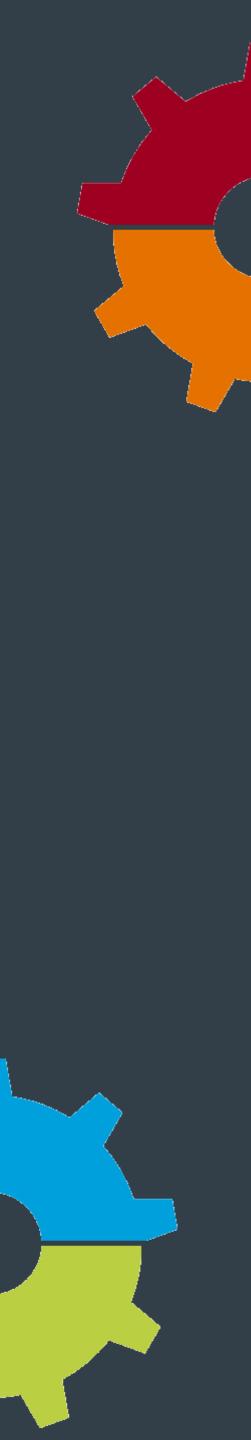
Ever-increasing backlog

Decrease in management at critical stages

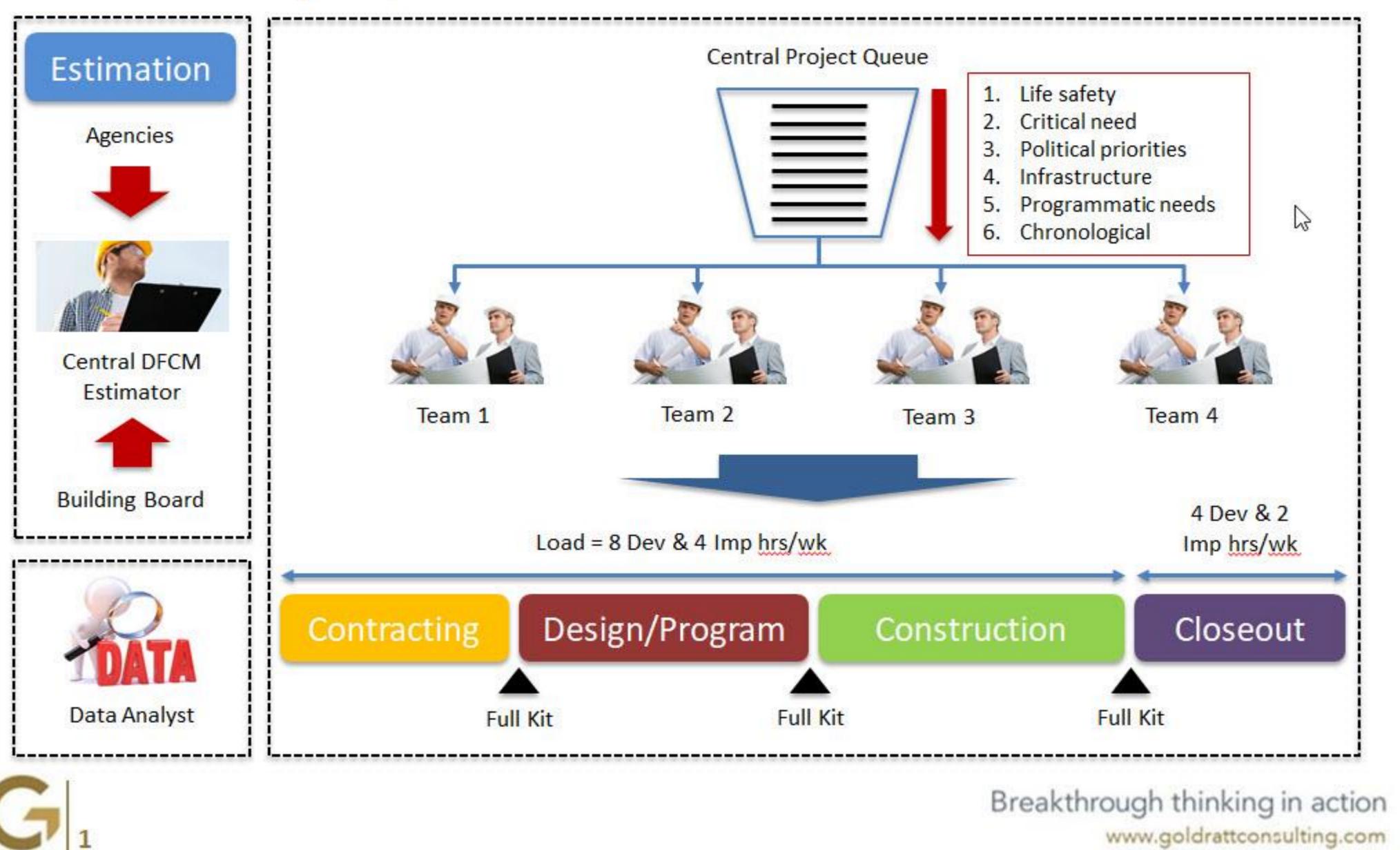
Increased change orders & cycle times which leads to cost escalation in materials & labor

Increase in total project costs is directly correlated with increases in change orders and cycle times and reduced project manager involvement at critical stages.

6 of 18 project managers potentially retiring in next 5 years

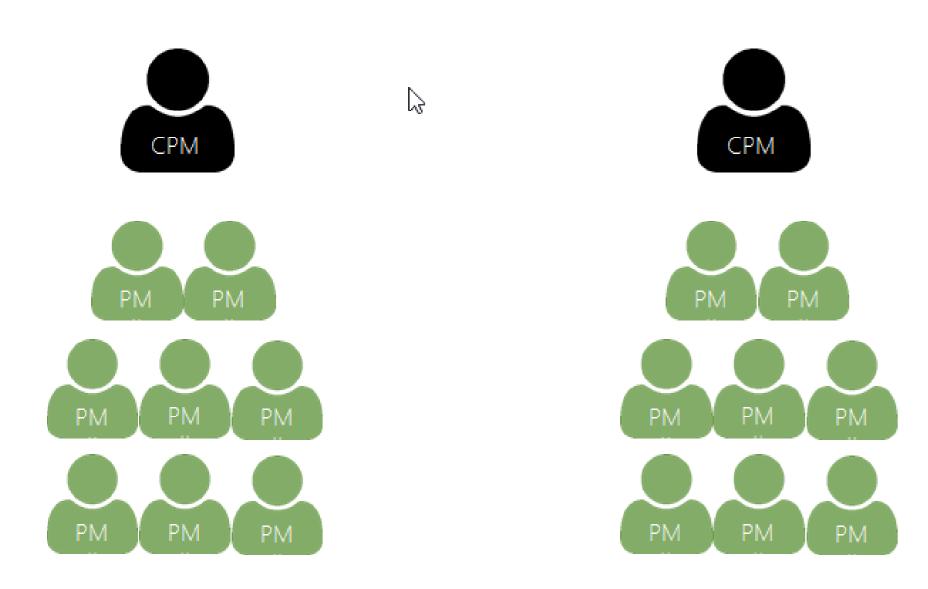


Schematic for Projects \$100M & below:





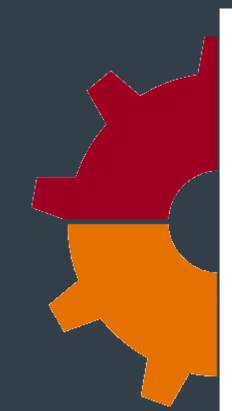
Old Team Structure











Full Kit Checklist

Estimation

- Stakeholder identification
- Scoping
- Risk register
- Delivery method
- Communications plan
- Estimate
- Schedule
- RFP for programming
- Bid & award programming
- FF&E/Equipment
- IT/AV/Security

Programming

- Project management plan
- Full scope document
- DFCM programmatic standa checklist
- Risk register update
- Communications plan updat
- Estimate update
- Schedule update (Gantt)
- Energy modeling
- Owner's Performance Requi
 BECx
- Commissioning agent (CX)
- · RFP for Design (where appr
- Bid & award design (where appropriate)
- RFP for CM/GC (where app
- Bid & award CM/GC (where appropriate)
- FF&E/Equipment
- IT/AV/Security
- Sign-off (Architect, Agency,
- Management approval
- Lead and asbestos survey

Pre-construction

DFCM CD checklist

Construction Docs

- Communications plan
- Risk register update
- EDMS plan & approval
- Permit
- Inspections
- RFP for construction
- Bid & award construction
- Estimate update
- Programmatic review
- Schedule update (CPM)
- FF&E/Equipment
- IT/AV/Security
- Sign-off (Architect, agency, DFCM, CM/GC)
- Management approval

- Construction stakeho identification
- Communications plan
- QA/QC plan
- Safety plan
- Closeout plan
- Contractor training
- Pre-con meeting

	Schematic Design	Detailed Design
dards ate quirements () propriate) e opropriate) re	 DFCM SD checklist Communications plan Risk register update Estimate update Programmatic review Schedule update (CPM) Sign-off (Architect, agency, DFCM, CM/GC) Management approval FF&E/Equipment IT/AV/Security 	 DFCM DD checklist Communications plan Risk register update Estimate update Programmatic review Schedule update (CPM) Sign-off (Architect, agency, DFCM, CM/GC) Management approval FF&E/Equipment IT/AV/Security
ion	Construction	Closeout
older	 All RFIs answered All PCOs processed All submittals approved All deferred submittals approved Establish OAC FF&E/Equipment IT/AV/Security Moving 	 Certificate of Significant Completion Certificate of Occupancy Punchlist Redlines / As-built drawings Warranties O&M User training Commissioning sign-off Ratings (AE, contractors, CX) Reconcile contracts Approve final payments



Expected Outcomes

- Project cycle times will decrease by at least 10%
- Number of error and omission change orders will decrease by at least 10%
 - Throughput will increase by at least 10%
- Attention to critical activities will lead to measurable cost savings and/or cost avoidance
 - No new projects will be added to current backlog
 - Current backlog can be resolved in 2.5 years
- Within four years, savings resulting from imprint processes will exceed the cost of added resources



Project Checklist Worksheet(Full Kit)

IMPROVEMENT (S	state and	non-st	ate funded)					
Queue Checklist 1/0/1900 1/0/1900		Design Checklist	1/0/1900	1/0/1900	Construction Docs Checklist	1/0/1900	1/0/1900	
Task	Estimated Start	Estimated Completion	Task	Estimated Start	Completion	Task	Estimated Start	Estimated Completion
Setup AiM Budgets	4		Scope review and verification		6. biz	Risk register update		
Customize checklist in AiM			Hazardous building materials survey			Permit - EDMS plan and approval		
Initiate Stakeholder Register			Procurement and award design			CBE and funding commitments update	2	
Initiate scoping			Communications plan update			Schedule update		
Initiate Risk Register			Risk register update					
Initiate Communications Plan			CBE and funding commitments update					
CBE line item review checklist			Schedule update					
Initiate milestones schedule			Stakeholder registry confirmed					
Funding commitment (related doc)				1				
Bidding Checklist	1/0/1900	1/0/1900	Construction Checklist	1/0/1900	1/0/1900	Closeout Checklist	1/0/1900	1/0/1900
Task	Estimated Start	Estimated Completion	Task	Estimated Start	Estimated Completion	Task	Estimated Start	Estimated Completion
RFP	1	1	All RFIs answered			Punchlist completion		
Bid review and contractor award			All approved PCOs processed			Ratings (AE & Contractors)		
Update Stakeholder Register			All submittals approved			Reconcile contracts		
Update Risk Register			All deferred submittals approved			Archive closeout documents		
Update Communicaitons Plan			O&M			Closeout checklist complete		
CPM schedule update			Redlines / as-built drawings			Approve final payments		
Safety plan			User training					
Closeout plan			Substantial completion					
Pre-con meeting			Warranties					
Establish OAC								



Project Checklist Worksheet(Full Kit)

AiM 🗮 Capital	Project			
Edit New	Search			
Action	19235790			
ViewFinder Copy Budget Manager Date Manager	GUNTHER TRADES	BLDG AND CAMPUS HANDRAIL UPGR	ADES.	
Budget Dision Cash Flo Date Manager - Qu Email Print	iick Key: X Organization	UTAH VALLEY UNIVERSITY UTAH VALLEY UNIVERSITY	B	
				Counted D. DAVI

19235790

Created By DAVE Last Edited by DWIGH

GUNTHER TRADES BLDG AND CAMPUS HANDRAIL UPGRADES.

Component Group/ Component	Baseline Start	Estimated Start	
QUEUE		Nov 19, 2018	
QUEUE		Nov 19, 2018	
HAZARDOUS MATERIALS			
PRE-CONST SURVEY			
PLAN AND MONITORING			
ABATEMENT REMOVAL			
DESIGN - IMPROV		Dec 27, 2018	
DESIGN		Dec 27, 2018	

WILLIAMS On 06/01/2		Baseline Start Estimated Start Actual Start Baseline End Estimated End Actual End	Nov 19, 20 Aug 30, 20		
Actual Start	Actual End		ated End	Baseline End	
			19, 2018 19, 2018		

Apr 19, 2019

Apr 19, 2019



Checklist Completion Dates

QUEUE			2	YSTEM On 06/01/2018 09:55 AM JNNELL On 11/20/2018 01:47 PM	5000000 (Contraction of the Contraction of the Cont	ACTIVE Q
QUEUE -	CHECKLIST	TITEMS			Type S	SOFT COSTS SOFT COSTS 10 \$0.00
Capital Proj	ject	19235790	Baseline Start	m)	Original Budget	so
		GUNTHER TRADES BLDG AND CAMPUS	Estimated Start Nov 19, 2	2018 🛗	Budget Revisions	<u>\$0</u>
Componen	it Group	QUEUE	Actual Start		Total Budget	Ş
		QUEUE - PROJECT WAITING FOR FULL	Baseline End	m)	Committed	<u>\$(</u>
Organizatio		Q	Estimated End Nov 19, 2	2018 🛗	Expensed	50
Employee		Q	Actual End		Anticipated	<u>5(</u>
			Percent Complete	100.0	Remaining	\$
Check	list					Remove Add
	ltem	Description	Responsibility	Expected	Completed	Completed By
	<u>03</u>	INITIATE STAKEHOLDER REGISTE	R PM CAP IMPROVEMENT	Nov 19, 2018 🛗	Status History	
	<u>05</u>	INITIATE RISK REGISTER	PM CAP IMPROVEMENT	Nov 19, 2018 🛗	Related Documents	Checklist
	06	INITIATE COMMUNICATIONS PL	AN PM CAP IMPROVEMENT	Nov 19, 2018 🛗		Item



AiM WorkDesk	
Add	
Menu 🔺	Administrator Messages
Accounts Payable Capital Projects	4/28/18 4:00 PM ~ GJENSEN ~ AI 2018
Contract Administration	Quick Search
Finance Lease Property Purchasing Time and Attendance System Administration	
	My Projects 15 Capital Projects ~ Capit 1 Capital Projects ~ Capit 3 Capital Projects ~ Capit 0 Capital Projects ~ Capit 1 Capital Projects ~ Capit 5 Capital Projects ~ Capit 5 Capital Projects ~ Capit

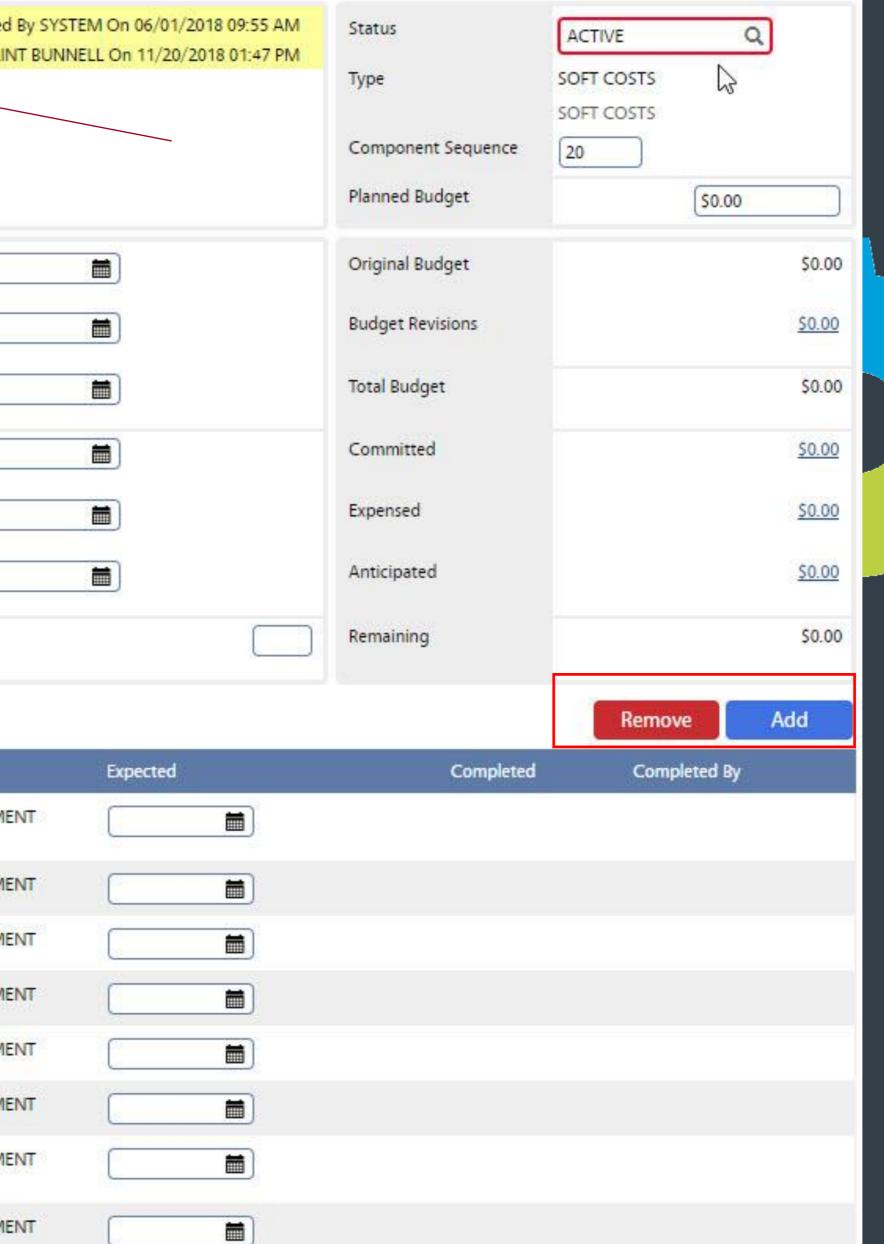
CPM's Work Desk

🔺 🗹 AIM PROD VERSION 9.2.6 - Oracle Exadata 12c - UPDATED FROM AIM PROD 8.3 on Oracle 12c on April 30, 🔺 🖸 Q Capital Project Q Consultant Contract Q Amendment Q Construction Contract Q Construction Change Order Q Payment Application ▲ Ø pital Project ~ MMUELLER - ALL PROJECTS pital Project ~ CAPITAL PROJECT STATUS = QUEUE pital Project ~ CAPITAL PROJECT STATUS = ACTIVE ital Project ~ CAPITAL PROJECT STATUS = MASTER PLANNING ital Project ~ CAPITAL PROJECT STATUS = PROGRAMMING ital Project ~ CAPITAL PROJECT STATUS = SELECTION oital Project ~ CAPITAL PROJECT STATUS = DESIGN



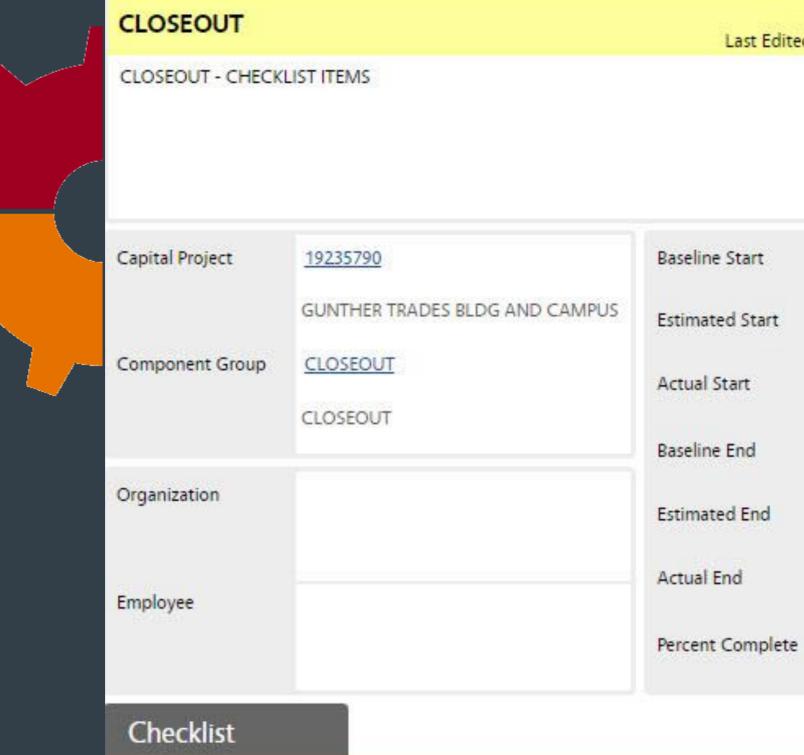
Project Cleared for Activity

	DESIGN	IMPRO	VEMENT		C Last Edited b	reated By S by CLINT BU		
		APROVEN	IENT - CHECKLIST ITEMS					
	Capital Proj	ect	19235790 GUNTHER TRADES BLDG AND CAMPUS	Baseline S				
	Component	t Group	DESIGN IMPROVEMENT TYPICAL	Estimated Actual St Baseline I	art			
	Organizatio	n	Q	Estimated	d End			
	Employee		Q	Actual En		[
	Checkl	ist						
		ltem	Description	Re	sponsibility			
		<u>01</u>	CBE AND FUNDING COMMITME UPDATE	NTS PM	I CAP DEVEL	LOPMENT		
		<u>02</u>	SCOPE REVIEW AND VERIFICATION	ON PM	CAP DEVEL	LOPMENT		
		<u>03</u>	STAKEHOLDER REGISTRY CONFI	RMED PM	I CAP DEVEL	LOPMENT		
		<u>04</u>	COMMUNICATIONS PLAN UPDA	TE PM	I CAP DEVEL	LOPMENT		
		<u>05</u>	RISK REGISTER UPDATE	PM	PM CAP DEVELOPMENT			
		<u>06</u>	SCHEDULE UPDATE	PM	I CAP DEVEL	LOPMENT		
		<u>07</u>	HAZARDOUS BUILDING MATERIA SURVEY	ALS PM	I C <mark>AP</mark> DEVEL	LOPMENT		
		<u>08</u>	PROCUREMENT & AWARD DESIG	SN PM	I CAP DEVEL	LOPMENT		





... All the way to Closeout



ltem	Description	Responsibility	Expected	Completed	Completed By
<u>01</u>	PUNCHLIST COMPLETION	PM CAP DEVELOPMENT		N	
<u>02</u>	FINAL HPBS SIGN-OFF	PM CAP DEVELOPMENT		3	
<u>03</u>	RATINGS (AE, CONTRACTORS, CX)	PM CAP DEVELOPMENT			
<u>04</u>	RECONCILE CONTRACTS FINAL COS & AMENDMENTS	PM CAP DEVELOPMENT			
05	CLOSEOUT CHECKLIST COMPLETED	PM CAP DEVELOPMENT			
<u>06</u>	ARCHIVE DOCUMENTS UPLOADED	PM CAP DEVELOPMENT			
<u>07</u>	APPROVE FINAL PAYMENTS	PM CAP DEVELOPMENT			

Created By SYSTEM On 06/01/2018 09:55 AM Edited by CLINT BUNNELL On 11/20/2018 01:47 PM		Status Type	ACTIVE SOFT COSTS	
		Component Sequence	SOFT COSTS	
		Planned Budget	\$0.00	
rt		Original Budget	\$0.00	
tart	Jul 26, 2019	Budget Revisions	<u>\$0.00</u>	
		Total Budget	\$0.00	
l		Committed	<u>\$0.00</u>	
nd	Aug 30, 2019	Expensed	<u>\$0.00</u>	
		Anticipated	<u>\$0.00</u>	
nplete		Remaining	\$0.00	



Team Dashboard

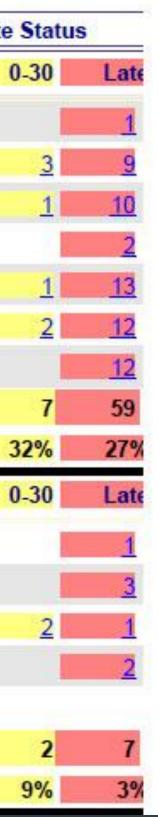


State of Utah

Division of Facilities and Construction Management Capital Project Teams

Team = All

Manager Name Class			Projects		All Proje	ct Comp	onents		Checklist Components				Check Lists			
Project Team: 1		All	Full Kit	Queue	All P	ending	Active	Hours	CK List	<100%	100%	All	Date	Null	> 30	0-3
138222 Darrell Hunting	CPM	7	1	<u>0</u>	42	0	42	8	<u>8</u>	8	0	<u>83</u>	0	83		
211207 Alex Alford	PM1	15	<u>15</u>	<u>0</u>	398	0	398	52	<u>90</u>	77	13	707	91	616	3	
194501 Christopher Ottley	PM1	33	<u>16</u>	<u>0</u>	448	0	448	51	<u>96</u>	80	16	690	95	595	5	
206305 Jon Vance	PM1	15	2	0	56	0	56	4	12	11	1	<u>95</u>	7	88		
211250 Mathew Daley	PM1	21	<u>14</u>	2	448	56	392	54	<u>96</u>	66	30	740	126	614	3	
104577 Tim Parkinson	PM2	50	<u>12</u>	6	531	28	503	[61	111	89	22	874	88	786	4	
166306 Lucas Davis	PM3	35	<u>13</u>	<u>0</u>	364	0	364	40	<u>78</u>	65	13	611	85	526	1	
	Projects assigned to Team 1	176	73	8	2287	84	2203	270	491	396	95	3,800	492	3,30	16	
		30%	30%	<mark>25%</mark>	100%	4%	96%	39	100%	81%	19%	31%	40%	59	39%	32
Project Team: 2		All	Full Kit	Queue	All P	ending	Active	Hours	CK List	<100%	100%	All	Date	Null	> 30	0.
173189 Matt Boyer	CPM	8	<u>0</u>	1	28	28	0	1	<u>6</u>	0	6	48	0	48		
109256 Matthias Mueller	PM2	15	1	2	112	28	84	13	22	15	7	213	7	206		
190400 Taylor Maxfield	PM2	7	2	1	112	42	70	12	22	11	11	212	41	171		
172200 Brian Bales	PM3	11	2	<u>0</u>	56	0	56	4	12	10	2	<u>90</u>	38	52		
111056 Craig Wessman	PM3	7	<u>0</u>	<u>0</u>	0	0	0	0	<u>0</u>	0	0	<u>0</u>	0	0		
	Projects assigned to Team 2	48	5	4	308	98	210	30	62	0 36	26	563	86	47	0	
		8%	2%	13%	100%	32%	68%	6	100%	58%	42%	5%	7%	09	0%	9



WIP Dashboard

State of Uta	State Line A										
Division of Facilities and Construction I Project Type: All; Manager: 104577	; Team: All; F			Selection		Docs	Bidding	Construct	Closeout	1	Held
	Hrs/Days	Queue	Flogram	Selection	Design	DOCS	bidding			-	
Tim Parkinson			1	1 1				>30 days	<30 days	-	Late
	-9	3/19/19			100000000000000000000000000000000000000						
Ogden Weber Technical College New Outsid	4.00				<u>19406240</u>						
	0				3/28/19						
Ogden Weber Technical College Various Bu	4.00							<u>19088240</u>			
	18							4/15/19			
Wsu Engineering Tech Bldg Mep Design	4.00				19070810						
	34				5/1/19						
Wsu Stewart Stadium Sky Box And Suites	4.00							<u>19396810</u>			
	126							8/1/19			
Wsu Chiller Plant Install Heat Exchanger	4.00							19400810			
	126							8/1/19			
Wsu Norda Engineering And Applied Scienc	4.00					<u>19328810</u>					
	146					8/21/19					
Tim Parkinson Project		18		1 3	0			ot lo	8	6	



WIP Dashboard (Yellow Only)

State of Uta Division of Facilities and Construction Project Type: All; Manager: 104577	Management		Projec	t WIP D	ashboa	ard				
	Hrs/Days	Queue	Program	Selection	Design	Docs	Bidding	Construct	Closeout	Held
Tim Parkinson	20		10	22		a	20	>30 days	<30 days	Late
Ogden Weber Technical College New Outsid	4.00				<u>19406240</u> 3/28/19					
Ogden Weber Technical College Various Bu	4.00				0/20/10			<u>19088240</u> 4/15/19		
Tim Parkinson Project		2	9	0			10	4/10/15	6)



Status of Full Kit Projects

		ESS Full Kit	Projects				
Project#	Manager = 104577 Description	Туре	Status	Est Start	Est End	Act Start	End Days
104577	Tim Parkinson						
<u>19066150</u>	Farmington Courts Bldg Courtroom Refresh Phase 1	Improvement	Design	1/31/19	2/14/19	12/20/18	-42
19070810	Wsu Engineering Tech Bldg Mep Design	Improvement	Design	2/1/19	5/1/19	2/4/19	34
<u>19071240</u>	Ogden Weber Technical College Campus Wide Fire Alarm Upgrades	Improvement	Design	10/1/18	11/1/18	9/27/18	-147
19084810	Wsu Various Buildings Hazardous Materials Surveys	Improvement	Design			9/27/18	
<u>19088240</u>	Ogden Weber Technical College Various Buildings Upgrade Refrigerant On Hvac Replacement Units	Improvement	Construction	4/15/19	4/15/19	3/7/19	18
<u>19090810</u>	Wsu W4 And W5 Parking Lot Landscape Irrigation Renovation - Mou	Nsf Improvement	Closeout		7/13/18	10/31/18	-258
<u>19328810</u>	Wsu Norda Engineering And Applied Science Bldg - Programing And Design	Development Db	Construction Docs	8/21/19	8/21/19	1/3/19	146
<u>19329810</u>	Wsu Davis Campus Computer & Automotive Engineering Bldg	Nsf Development	Design	11/1/18	2/28/19	8/20/18	-28
19336520	Dwr Logan Fisheries Experiment Station Test Wells Drilling	Nsf Improvement	Design			8/28/18	
19396810	Wsu Stewart Stadium Sky Box And Suites Windows Replacement - Mou	Nsf Improvement	Construction	5/1/19	8/1/19	1/16/19	126
19400810	Wsu Chiller Plant Install Heat Exchanger - Mou	Nsf Improvement	Construction	4/1/19	8/1/19	1/16/19	126
19406240	Ogden Weber Technical College New Outside Pavilion - Mou	Nsf Improvement	Design	2/28/19	3/28/19	2/28/19	0

Status of Projects in Queue

DFOM	State of Utah Division of Facilities and Construction Management SUCCESS Queue S	tatuc				
	Manager = 104577	latus				
Project#	Description	Туре	Est Start	Est End	Act Start	End Days
104577	Tim Parkinson					
19065150	Ogden Juvenile Courts Bldg Security Cameras Upgrades	Improvement			5/2/18	-
19069810	Wsu Swenson Gym Fan Coil Replacement	Improvement	1/30/19	1/30/19	1/30/19	-57
19085810	Wsu Various Buildings Ada Compliance Upgrades Phase 1	Improvement	1/30/19	1/30/19	2/6/19	-57
<u>19086810</u>	Wsu Marriott Allied Health Bldg, Facilities Management Storage, And Ticket Booth K Vrf Differential Switches	Improvement	1/30/19	1/30/19	1/30/19	-57
19087810	Wsu Various Bldgs Concrete Replacement On Walkways	Improvement	1/30/19	1/30/19	2/6/19	-57
<u>19417810</u>	Wsu Annex 2 Testing Center And Annex Remodel (Support Outdoor Rec. Bldg.) Mou	Nsf Improvement	3/19/19	3/19/19	3/21/19	-9
	6 Projects in Queue Status for Tim Parkinson					
	6 Total Projects in Queue Status					



Project Checklist Status



State of Utah

Division of Facilities and Construction Management

Manager = 166306; Project = ALL; Project Status = ALL

166306 Lucas Davis

Layton District Courts Bldg Hvac Rooftop Unit Curb 19076150 Replacement

19076150 Replacement					Proje	ect Status:	Cons	structio
		St	atus: ACTIVE		Estimated:	Start Days		ompleted Days
Bidding		% Complete: 0%		0%	Actual:	0	12/27	7/18 0
Checklist Item		Due	Complete	Days Completer	d By	Responsibility	,	Status
04 Communications Plan Up	odate	12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
05 Safety Plan		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
06 Haz Mat/Abatement		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
07 Qa/Qc Plan		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
08 Closeout Plan		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
09 Pre-Con Meeting		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
10 Hpbs Implementation		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
11 Establish Oac		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
12 Inspections		12/27/18	12/27/18	Lucas Dav	is	Pm Cap Develo	opment	Active
12 Checklist Items for Bidding	Without Due Dates	0	0%					

		Status: ACTIVE		Estimated:	Sta 1/14/19	Days	Com 1/25/19	pleted Days
Construction Improvement	% Complete: 0%		0%	Actual:	12/27/18	1.000		-61
Checklist Item	Due	Complete	Days Complet	ted By	Respons	sibility	S	status
01 All Rfis Answered			-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive
02 All Approved Pcos Processed			-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive
03 All Submittals Approved		- 19 B	-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive
04 All Deferred Submittals Approved			-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive
05 O&M			-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive
06 Redlines / As-Built Drawings			-999 Lucas Da	avis	Pm Cap	Improver	ment A	ctive

SUCCESS Checklist Status



Project Checklist Worksheet(Full Kit)



State of Utah

Division of Facilities and Construction Management

Capital Project# = 19084810; Manager = ALL

Capital Project: 19084810 - Wsu Various Buildings Hazardous Materials Surveys 342-FXA-19084810 Staff Hours: Date Project Opened: May 3, 2018 rty (leasing, Purchase, (0)**Open Purchase Orders:** \$0.00 **Capital Project Funding Sources**

Project Type: Im	provement	Account:	3000-300-33
Project Status: De	esign	Proper	New Propert Build) (00000
Project Manager: 10	4577 - Tim Parkinson		
Shop: n/a	а		
Contingency	Display Labor	Changes	
Current Budget:	\$96,000.00		
Actual Payments:	\$30,526.65		
O/S Contract Balance:	\$0.00		
Net Funding Transfer:	\$0.00		
Unencumbered:	\$65,473.35		
Component Group: Hazard	ious Materials		
omponent: Pre-const Survey (2)		
		8	< Bud
			CBE

COR	.000	00
280	.000	.00

Component: Pre-const Survey (2)					Open POs:	\$0.00
	< Budget	>	Outstanding	Total	%	
	CBE	Current	Encumb	Payments	Budget	Balance
	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65	0%	\$360.00
Contractor / Transaction Description	Contract	Date	Invoice	Туре	Status	Amount
R&r Environmental (87109a)	<u>1970097</u>	3/8/19	6796	Consulting Invoice	Invoice Released	\$8,043.75
R&r Environmental (87109a)	1970097	3/25/19	6811	Consulting Invoice	Invoice Released	\$9,860.40
R&r Environmental (87109a)	1970097	3/25/19	6822	Consulting Invoice	Invoice Released	\$12,622.50
					Total:	\$30,526.65
	< Budget	>	Outstanding	Total	%	Group
	CBE	Current	Encumb	Payments	Budget	Balance
Component Group: Hazardous Materials Totals:	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65	0%	\$360.00
	< Budget	>	Outstanding	Total		Project
	CBE	Current	Encumb	Payments		Balance
Project Totals:	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65		\$360.00

Component: Pre-const Survey (2)					Open POs:	\$0.00
	< Budget	>	Outstanding	Total	%	
	CBE	Current	Encumb	Payments	Budget	Balance
	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65	0%	\$360.00
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	< Budget	>	Outstanding	Total	%	Group
	CBE	Current	Encumb	Payments	Budget	Balance
Component Group: Hazardous Materials Totals:	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65	0%	\$360.00
	< Budget -	>	Outstanding	Total		Project
	CBE	Current	Encumb	Payments		Balance
Project Totals:	\$96,000.00	\$96,000.00	\$65,113.35	\$30,526.65		\$360.00

5301-13 Capital Project Summary

Capital Project Summary



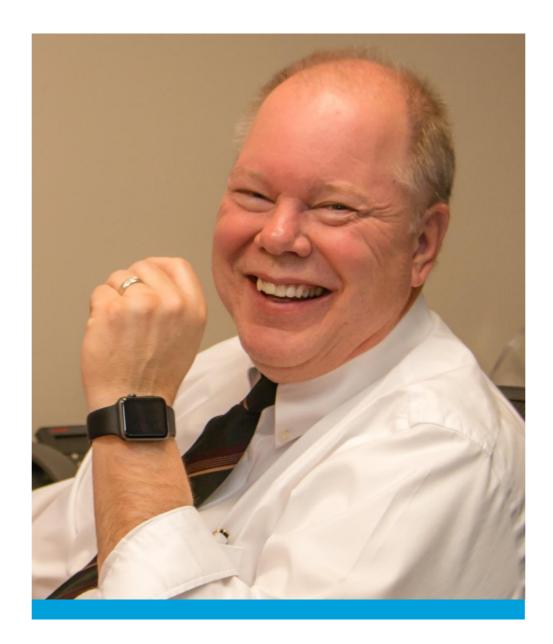
New TOC Initiatives

(T * Q)/OE Change Orders and Amendments



Meet the Team Utah Division of Facilities Construction and Management (DFCM)





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TOC Resources http://utahexcellence.com/

https://www.tocclub.org/

https://www.tocico.org/

http://goldrattconsulting.com



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Questions & Answers

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