





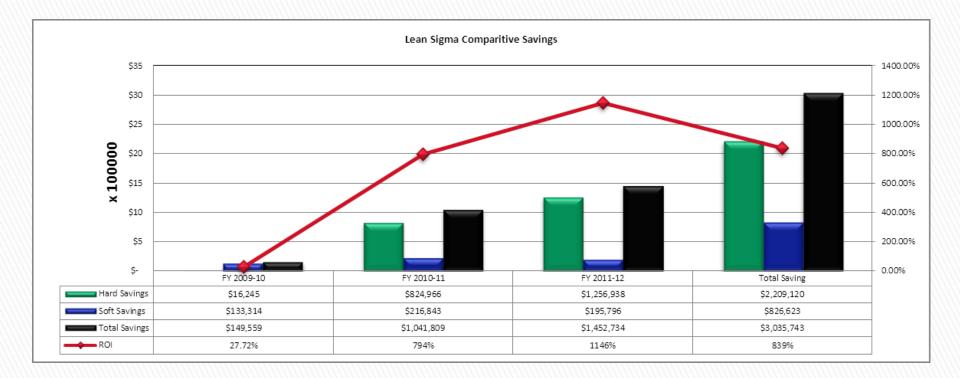


Lean Sigma Total Employees Trained 450 50% 45% 400 40% 350 35% 300 30% 250 25% 200 20% 150 15% 100 10% 50 5% 0% 0 Working With Lean Trained Employees New Employee Blue Belt Business Plan Training Habits for Success Green Belt Black Belt Sigma Orientation (minus NEO) FY Total 59 77 10 32 191 3 10 58 Tota 167 29 7 124 174 397 20 50 🔶 🗕 % Trained 1% 2% 20% 3% 15% 6% 47% 21%



Lean Sigma Program







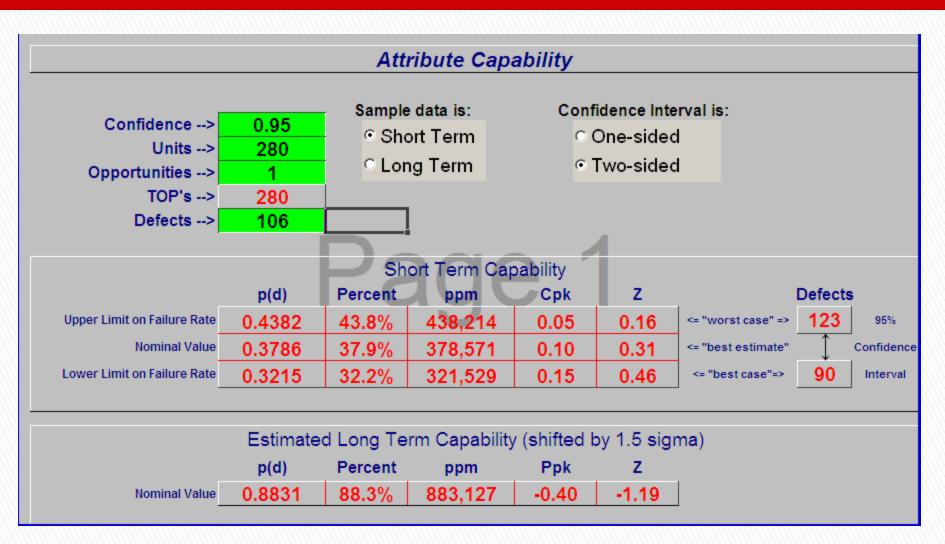
Improve Online Report Process

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POLICE	TYLE	ER PO		DEPAR	TMENT	۵. ۵	More Tub	
	LOYA	LTY \star	COURAG	ie ★ IN	TEGRITY		'11 W. Ferguson, 1090 CALL 9-1-1	
	HOME	ABOUT US	DIVISIONS	RECRUITING	COMMUNITY	CRIME INFORMATION	FORMS	LINKS
FORMS		CITIZEN	INCIDENT	REQUEST	FORM			
Download Forms Burglar Alarm Pe Application	rmit	wallet, lost cell	phone, or missi		Waste trash cans,	partment. Non-Criminal in etc. All Criminal Offenses		
Crime Victims Inf (English)	formation		ecure site. Pleas you at a later date		dit card numbers or	financial account number	s. This informatio	n will be
Crime Victims Inf (Spanish) Forgery Reportin			-		agency is a Class B (as Penal Code Sec	Misdemeanor, punishab tion 37.08)	le by up to 180 da	iys in the
Parade Permit A	-	Citizen's Incide	ent Report Onlin	e Form				
Personal History		First Nam	-	Middle Initial		Last Name*		
Property Release Temporary Stree		Address	1*	Address 2		City*		
• Online Forms		State* Alabam: Home Ph		Zip Code* E-Mail Address		Today's Date* Date of Offense*		
Citizen Incident Citizen Police Ac		Work Pho	one Number	DL/ID Number an	d State*	Date of Birth*		
Application Public Informatic Records Request	on (Open t) Form	Location	of Offense (mus	t be within Tyler Cit	y Limits)*			
Texans Against Registration Forr		Property/	Vehicle Descript	tion (serial number,	, model, make etc.)*	Insurance Company or E	Business Requiri	ng Report
		Complete	e detailed Narrati	ive/Description of ir	_ ncident*			

Project Start: 06 /13/2012 Project Revision: 09 /10/ 2012 Project Champion: Diannia Jackson Black/Green Belt: David L. Long

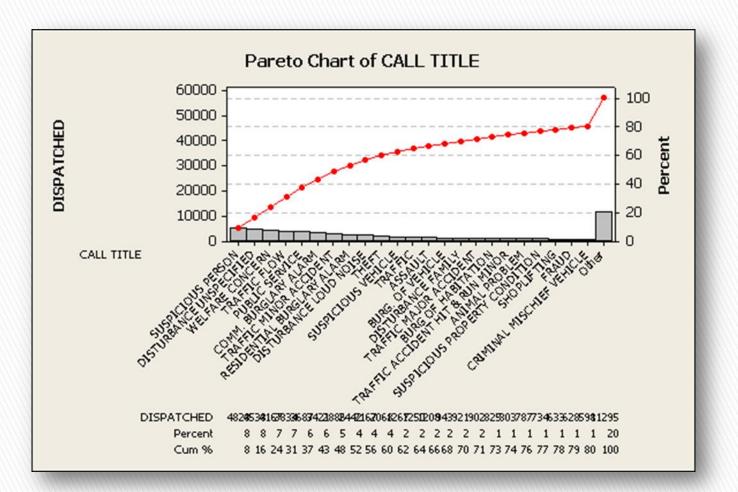








Define Phase 1. Select Output Characteristics





Define Phase 2. Define Performance Standards



Project Charter

Project Authorization

Organization:	Champion:	Process Owner:
Tyler Police Department	Diannia Jackson	Gary M. Swindle
Project:	Project #:	
Improve Online Police Report	ting	3

Problem Statement:

The Tyler Police Department is experiencing a problem with: citizen reporting. The area where the problem is occurring is: the patrol division / TRU Reporting. The problem has existed for at least: 2 years. The magnitude of the problem is: Citizen Reporting is operating below expectations. The current performance: average number of citizens reports is (14.5 Calls per Month), and the expected performance is: maintain an average number of citizen reports should be increased (from 0.31% to .62% (100%) of calls taken online). The effect this problem is having on our business is: increased calls for service for non-priority calls. This is costing us as much as: \$29.00 per call on average.

Project Objective:

Make online police reporting more available to citizens and reduce the amount of written reports by Public Service Officers/ Police Officers.

Estimated Defect Level:	Initial Goal:	Estimated Benefits:
.31%	.62% (100%)	\$5,086
Approval Date:	Champion Signature:	Process Owner Signature:
6/13/2012	🔟 Diannia Jackson	Gary W. Swindle
Estimated Completion Date:	Project Leader:	Financial Analyst:
12/31/2012	🔳 David L. Long	Jim Yanker

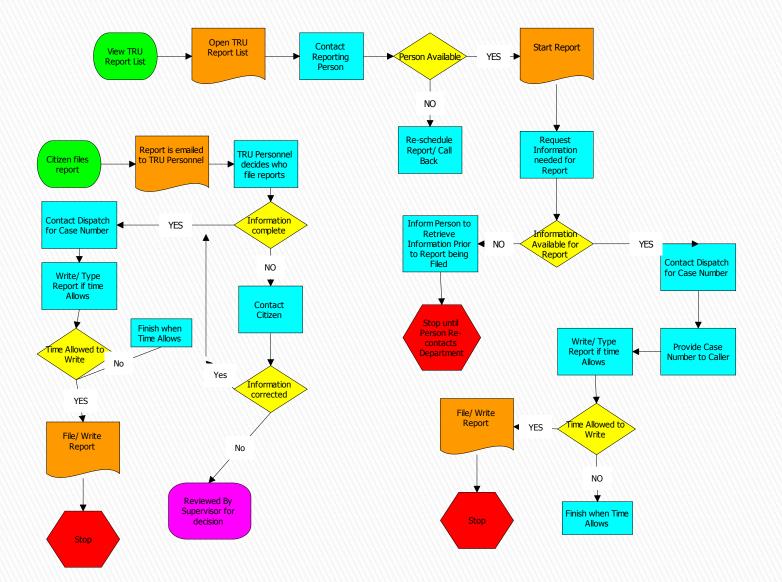
The problem statement identifies the purpose of the project.

The project objective identifies a goal of a 100% increase in online reports.



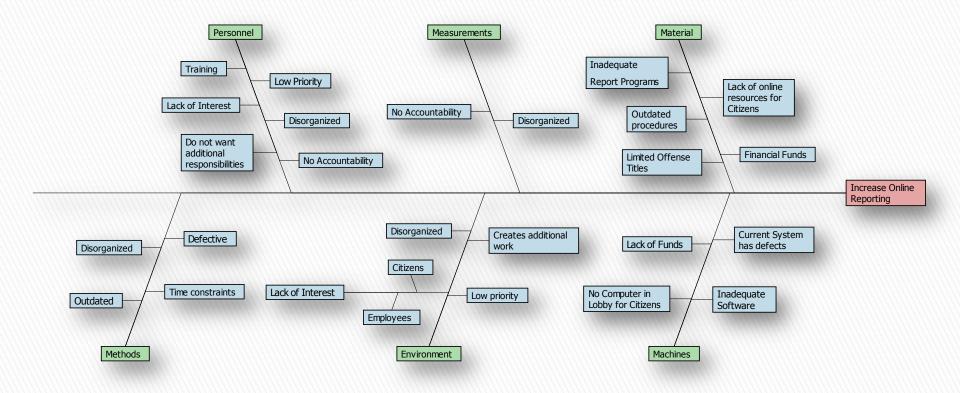
Measure Phase 6. Identify Variation Sources





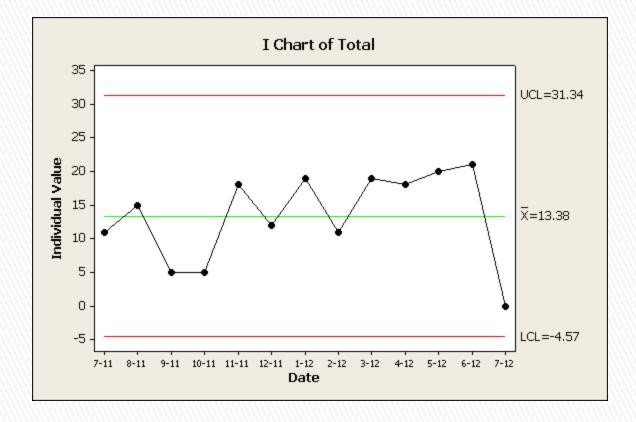
















YX Diagram Summary

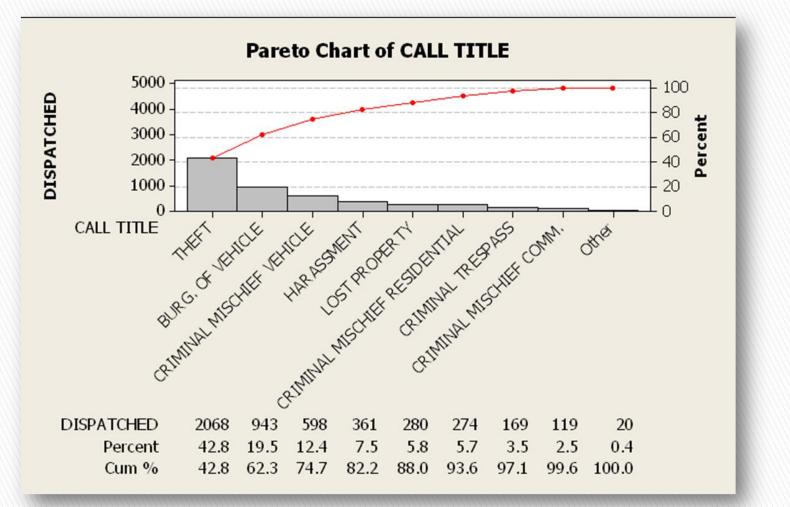
Process:	Increase Online Reporting
Date:	6/13/2012

Output Variables						
Description	Weight					
Increase Online Reporting	9					

Input Variables					
Description	Ranking				
Inadequate report programs	81				
Inadequate software	81				
Current System will not integrate increased online reports	81				
Limited Offense Titles	81				
Disorganized	63				
No Accountability	63				
Current system has defects	63				
Inadequate personnel	63				
Lack of online resources for citizens	54				
Outdated polices	45				
Low priority	45				
Lack of interest	45				
Citizen disinterest	45				
Personnel do not want additional responsibilities	45				
No computer for citizens	27				
Waste of time if online report is inadequate information	27				
Lack of training	9				
Outdated procedures	9				



Analyze Phase 7. Screen Potential Causes



Potential Online Reports



Analyze Phase 7. Screen Potential Causes



CITIZEN INCIDENT REQUEST FORM

This form is for reporting Non-Criminal incidents to the Tyler Police Department. Non-Criminal incidents include lost watch, lost wallet, lost cell phone, or missing City of Tyler Solid Waste trash cans, etc. All Criminal Offenses must be reported through the Communications Unit of the Tyler Police Department.

This is not a secure site. Please do not include credit card numbers or financial account numbers. This information will be obtained from you at a later date.

"I understand that making a false report to a police agency is a Class B Misdemeanor, punishable by up to 180 days in the County Jail and/or a fine not to exceed \$2,000." (Texas Penal Code Section 37.08)

Citizen's Incident Report Online Form

First Name* Address 1* State* Alabama	Middle Initial Address 2 Zip Code*	Last Name* City* Today's Date*
Home Phone*	E-Mail Address	Date of Offense*
Location of Offense (mus	t be within Tyler City Limits)*	.)*Insurance Company or Business Requiring Report
	Submit	



Current Online Report Format



City of Coplogic

English | <u>Español</u> | <u>Français</u> | 中文

Welcome to the Coplogic Citizens Online Police Reporting System. If this is an Eme report system allows you to submit a report immediately and print a copy of the polic encline citizen police report filing is right for you:

- · This is not an Emergency?
- · This incident occurred within the Coplogic City limits?
- There are No Known suspects?
- This did not occur on a State Freeway?

If you answered yes to all of the above questions, you are ready to file your report o software before filing the report. If you answered no to any of the questions please I <u>Questions</u> section.

Upon completion of this report process you will:

- · See the words: "Your online police report has been submitted" showing that
- Be given a police report case number.
- Be able to print a copy of the police report to keep for your records.

Please Note:

- · All cases filed using the Citizens Online Police Reporting System will be rev
- Upon review, if further investigation of your case is needed, you may be con
- Filing a false police report is a crime.

Using the Coplogic Police Online Citizen Reporting System you can report the follow

Lost Property	Identity Theft	Theft
Vehicle Burglary	Harassing Phone Call	<u>Vandalism</u>

-		1 de la				2 100	1000		S	1. A. A. C.
							The		-	
Theft:	Start >	Yourself	>	Incident	>	Property	>	Review	>	Finish
Theft										
Definition	Your property is take	n without your	permis	sion.						
Examples	Property known to be	e stolen and mi	issing m	ay be reported	. Lost p	roperty is not a	theft.			
Confirm Qu	estion(s)									
Do you have	any suspect information	on regarding th	is incide	ent?				C	Yes	🛇 No
<<<< Back	Continue >									

City of Coplogic

<<<< Back Continue >







Potential Improvement Costs

Coplogic, 1 231 Market Pla		520			1	cøp	Quote
San Ramon, C 800)734-929 Ibergenholtz@ www.Coplogie	a. 94583 3 Dcoplogic.c						July 9, 201
				Q	uote N	o.: 12-01	PembrokePines,F
o: Lt. David	l Long		Shi	p to (if different a	ddress):	1	n pontanon e contra de la construction de la construction de la construction de la construction de la construct
Salespers . Bergenh		our P.O. No.	Date Shipped	Shipped Via	F.O.B	6. Point	Terms
Quantity			Description			Unit Pric	ce Amount
Quantity 1	:	Implementatio	r Online Reporting	g System (DORS) /Report Writing	8	Unit Pric 12,500.0	
- T-	Annual	Implementatic Setting up the Software Training DORS Usage, Unlimited user Unlimited cust Every update a	r Online Reporting n Assistance interface to RMS, Support, and Mai	/Report Writing ntenance and report intake one and e-mail) used for DORS			00 12,500.00
1	Annual	Implementatic Setting up the Software Training DORS Usage, Unlimited user Unlimited cust Every update a	r Online Reporting on Assistance interface to RMS, <u>Support, and Main</u> s, incident types, omer support (ph and upgrade relea	/Report Writing ntenance and report intake one and e-mail) used for DORS		12,500.0	00 12,500.00 00 10,000.00
1	Annual	Implementatic Setting up the Software Training DORS Usage, Unlimited user Unlimited cust Every update a	r Online Reporting on Assistance interface to RMS, <u>Support, and Main</u> s, incident types, omer support (ph and upgrade relea	/Report Writing ntenance and report intake one and e-mail) used for DORS		12,500.0	 12,500.00 10,000.00 22,500.00
	Annual	Implementatic Setting up the Software Training DORS Usage, Unlimited user Unlimited cust Every update a	r Online Reporting on Assistance interface to RMS, <u>Support, and Main</u> s, incident types, omer support (ph and upgrade relea	/Report Writing ntenance and report intake one and e-mail) used for DORS		12,500.0 10,000.0	 al 22,500.00 as 0.00





Incident Type	Definition	Example
Lost Property	When Property is missing or lost	Property that is missing, i.e. left at a restaurant,
Lost Property	when Property is missing or lost	at the mall, or missing from home, etc
Theft	Your property is taken without your permission. Value of property is less than \$1500. (If	Property known to be stolen. (<u>There are no</u>
	property being reported as stolen is a firearm, you must contact the Tyler police Department.)	known Suspects.)
Open Carage Theft/Shed (Detached	Property stolen from your detached or attached garage or shed when the door was left open	Lawn Mowers, golf equipment, or tools, etc.
Open Garage Theft/ Shed (Detached		Lawn Mowers, golf equipment, or tools, etc
or attached)	or unlocked (no forced entry)	(There are no known suspects.)
Vandalism (Criminal Mischief)	The act of changing, modifying or defacing public or private property. The damage of the property is less than \$1500. (<i>Crimes committed due to bias against a particular race or group, or if the property damaged is a place of worship, public utilities, or cemetary, you must contact the Tyler Police Department.</i>)	Knocking over mail boxes, keying your vehicle, vehicle being egged, etc(<u>There are no known</u> <u>suspects.</u>)
Vehicle Burglary	Property stolen from a motor vehicle. (If you want your vehicle processed for physical evidence or there is traceable evidence left at the scene, you must call the Tyler Police Department to report this incident.)	Car stereo-radio, personal property stolen, i.e. purse, phone, CDs, etc(<u>There are no known</u> <u>suspects.)</u>
Harassing Phone Calls	Numerous unwanted phone calls of an annoying, harassing or threatening in nature. The District Attorney's Office requires multiple calls, and/or a threat of violence, and recorded dates and times of the call. (<i>If the caller is known, you must call the Tyler Police Department</i> to report this incident)	Someone makes numerous calls within a short period of time and immediately hangs up, makes specific threats of violence or uses lewd obscene Inguage in an attempt to cause alarm.

If your incident does not meet the above criteria, you can not file your report online, and you must contact the Tyler Police Department to report the incident.







Tyler Police Department On-Line Crime Reporting Form

The Tyler Police Department is providing this form for victims of certain offense to easily file a report. This form is designed to afford you the opportunity to report these offenses at your convenience. A list of the offenses and a brief description of them are listed below. To access the proper reporting form click on the appropriate form name. By using this method to report your offense the Tyler Police Department will not be sending an Officer to your location. After you submit the report it will be reviewed by a supervisor. At a later date you will be provided a case number. If you need to contact the Tyler Police Department in the future concerning your report please refer to the case number.

If this is an emergency please dial 911 immediately.

If you need a Police Officer dispatched to your location, please call the Communications Center at 903-531-1000.

IF YOUR INCIDENT DOES NOT MEET THE BELOW CRITERIA, YOU CAN NOT FILE YOUR REPORT ONLINE, AND YOU MUST CONTACT THE TYLER POLICE DEPARTMENT TO REPORT THE INCIDENT.

Lost Property - When Property is missing or lost. (Property that is missing, i.e. left at a restaurant, at the mall, or missing from home, missing trash can, etc.)

Theft - Your property is taken without your permission. <u>Value of property is less than \$1,500.00</u>, *If property being reported stolen is a firearm, you must contact the Tyler Police Department*. (Property known to be stolen and there are no known suspects.)

Open Garage Theft/Shed (Detached or attached) - Property stolen from your detached or attached garage or shed when the door was left open or unlocked and there is no forced entry. (Lawn mowers, golf equipment, or tools etc. and there are no known suspects.)

Vandalism (Criminal Mischief) - The act of changing, modifying or defacing public or private property. <u>The damage of the</u> property is less than \$1,500.00. Crimes committed due to bias against a particular race or group, or if the property damaged is a place of worship, public utilities, or crematory, you must contact the Tyler Police Department. (Knocking over mail boxes, keying your vehicle, vehicle being egged, etc and <u>there are no known suspects</u>.) Improvements...

Each type of report will have 7 its own link to a reporting form.

Open Garage Ther/Shed (Detached or attached) - Property stolen from your detached or attached garage or shed when the door was left open ir unlocked and there is no forced entry. (Lawn mowers, golf equipment, or tools etc. and there are no known suspects.)

Vandalism (Criminal Mischief) - The act of changing, modifying or defacing public or private property. <u>The damage of the</u> property is less than \$1,500.00. Crimes committed due to bias against a particular race or group, or if the property damaged is a place of worship, public utilities, or crematory, you must contact the Tyler Police Department. (Knocking over mail boxes, keying your vehicle, vehicle being egged, etc and <u>there are no known suspects.</u>)

Vehicle Burglary - Property stolen from a motor vehicle. If you want your vehicle processed for physical evidence or there is traceable evidence left at the scene, you must contact the Tyler Police Department. (Car stereo-radio, personal property stolen, i.e. purse, phone, CDs etc... and there are no known suspects.)

Harassing Phone Calls - Numerous unwanted phone calls of an annoying, harassing or threatening in nature. The Smith County District Attorney's Office requires multiple calls, and/or a threat of violence, and recorded dates and times of the call. *If the caller is known, you must call the Tyler Police Department to report this incident.* (Someone makes numerous calls within a short period of time and immediately hangs up, makes specific threats of violence or uses lewd obscene language in an attempt to cause alarm.)





You must complete all required fields. If the suspect in your case is known you must contact the Tyler Police Department and can not use this form to report your incident.

Please use the Manage Forn	n Option to Develop your Form	
Name of person making report (victim) - Last Name, First Name MI *		
Victim's address *]
Victim's date of birth (MM/DD/YYYY) *		
Victim's Sex *	Female 🔽	
Victim's Race *	Asian/Pacific Islander	
Victim's Phone Number (include area code) *]
Victim's e-mail address *]
Verify e-mail address]
Address of incident (This must be within the City Limits of Tyler,]

Improvements *Cont*....

Additional Information boxes...

Serial number of item #3	
Value of item #3	
Please provide a detailed description about the incident you are reporting. *	
Read and affirm statute Sec. 37.08	Sec. 37.08. FALSE REPORT TO PEACE OFFICER, FEDERAL SPECIAL INVESTIGATOR, OR LAW ENFORCEMENT EMPLOYEE. (a) A person commits an offense if with intention deceive, he knowingly makes a false statement that is material to a criminal investigation and makes the statement to: (1) a peace offere or federal special investigator conducting the invisityation; or of a law enforcement agency that is authorized by the agency to conduct the investigation and that the actor knows is conducting the investigation. (b) In this section, "law enforcement agency has the meaning assigned by Article 59.01, Code of Criminal Procedure. (c) An offene under this section is a Class B middemeanor.
Affirm Statute *	□ By checking this box, I affirm that I have read and understand the above 1 Statute and that the information contained herein is true and correct to the bi knowledge.



* Required

Also send me a copy



18





CITIZEN INCIDENT REQUEST FORM

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This is not a secure site. Please do not include credit card numbers or financial account numbers. This information will be obtained from you at a later date.

"I understand that making a false report to a police agency is a Class B Misdemeanor, punishable by up to 180 days in the County Jail and/or a fine not to exceed \$2,000." (Texas Penal Code Section 37.08)

Citizen's Incident Report Online Form

First Name*	Middle Initial	Last Name*
Address 1*	Address 2	City*
State*	Zip Code*	Today's Date*
Alabama 💌		
Home Phone*	E-Mail Address	Date of Offense*
Work Phone Number	DL/ID Number and State*	Date of Birth*
Location of Offense (mu	ist be within Tyler City Limits)*	
Property/Vehicle Descri	ption (serial number, model, make	etc.)*Insurance Company or Business Requiring Rep
Complete detailed Narra	tivo/Description of incident*	
Complete detailed Narra	tive/Description of incident*	
Complete detailed Narra	tive/Description of incident*	
Complete detailed Narra	tive/Description of incident*	
Complete detailed Narra	tive/Description of incident*	



Submit



				<u></u>
		<u>.</u>	Texas.)*	
LOST PROPERTY REPORT	nown vou must contact the Tvle	r Police Department and can	Type of location * Date the item was last seen (MM/DD/YYYY) *	Residence-Single Family
not use this form to report your incident.			Time the item was last seen (enter a.m. or p.m.) *	
Please use the Manage Form Option to Develop your Form	1		Date the item was noticed lost (MM/DD/YYYY) *	
Name of person making report (victim) - Last Name, First Name MI *			Time the item was noticed lost (please note a.m. or p.m.) *	
Victim's address *			Description of missing item #1 *	
Victim's date of birth (MM/DD/YYYY) *			Serial number of item #1	
Victim's Sex * Female	Serial number of item #3			
Victim's Race * Asian/Pacific Islander	#5 Value of item #3			
Victim's Phone Number (include area code) *	Please provide a detailed description		<u> </u>	
Victim's e-mail address *	about the incident you are reporting. *		*	
Verify e-mail address	 Read and affirm statute 	Sec. 37.08. FALSE REPORT TO PEACE	OFFICER, FEDERAL SPECIAL	
Address of incident (This must be within the City Limits of Tyler,	Sec. 37.08	INVESTIGATOR, OR LAW ENFORCEMEN (a) A person commits an offense if, with makes a false statement that is material makes the statement to: (1) a peace officer or federal special inve investigation; or (2) any employee of a law enforcement a agency to conduct the investigation and ti	intent to deceive, he knowingly to a criminal investigation and estigator conducting the	
		conducting the investigation. (b) In this section, "law enforcement age by Article 59.01, Code of Criminal Proced (c) An offense under this section is a Cla	lure.	
	Affirm Statute *	By checking this box, I affirm that I have Statute and that the information contained knowledge.		
		SUBMIT		
	8	* Required		

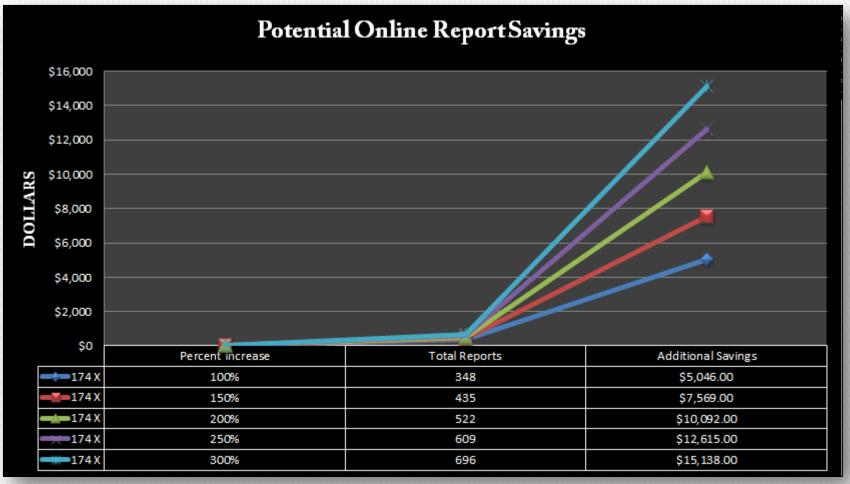




- 1. Evaluate Current Policies and Procedures
- 2. Ensure CALEA Compliance
- 3. Update Report Manual Guidelines
- 4. Provide Departmental Training



Potential Financial Savings 2012-2013









- 1. Continue to work on webpage development designs.
- 2. Research the new CAD implementation time frame.
- 3. Coordinate public awareness for interim new online process and new reports being accepted.
- 4. Secure budgetary funds for reporting software.



Reducing Solid Waste Tire Costs



Project Start: January 2012 Project Revision:1





Project Charter

Project Authorization

Organization: Solid Waste Champion: Dan Brotton

Project:

Reduce Solid Waste Tire Costs

Problem Statement:

The City of Tyler Solid Waste Department is experiencing a problem with the cost of tires. The problem has continued to increase. The magnitude of the problem is that new tire costs are rising by 25-30 percent and the number of flats we are having is increasing. The expected performance would be less than \$114,000 for residential truck tires and \$118,000 for commercial truck tires.

Project Objective:

Reduce tire cost by 10 percent.

Project Definition and Scoping

Metrics (unit of measure):

Find schedule for running the magnet truck at Landfill, ask if shingle trucks are sent to a special place quality of patch work where the truck picks up a nail

how well the driver takes care of airing up tires

low tread on tires

weight and heat tears up tires

Tire test on 7733 started March 2010:

Firestone Brand New Steer Tires lasted six months (7,000 miles)

Firestone Recap Drive Tires lasted eight months (9,252 miles) Don't turn as often as the steer tires.







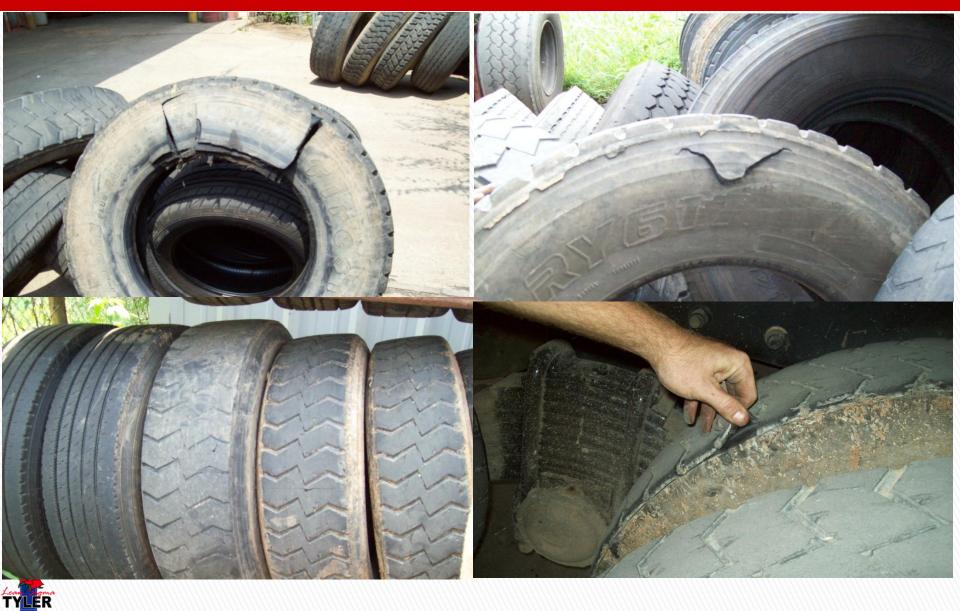










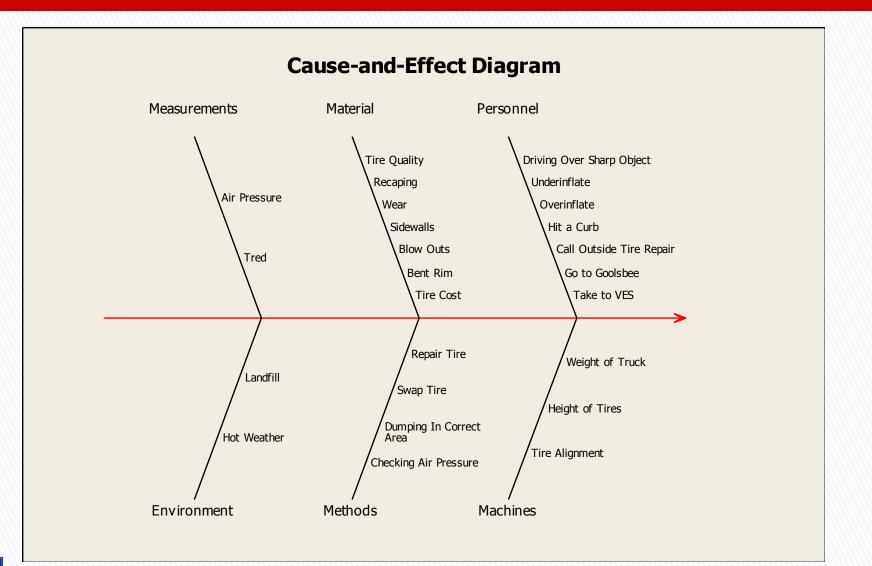




Price increased on all tire types

Tire Type	2011 new	2012 new	2011 recap	2012 recap
315 Residential and Rolloff Steer	\$310	\$408	\$205	\$220
425 Frontload	\$415	\$512	n/a	n/a
11R225 Frontload and Rolloff	n/a	n/a	\$135 or \$175	\$165 or \$225
Pickup Truck	\$105	\$108	n/a	n/a

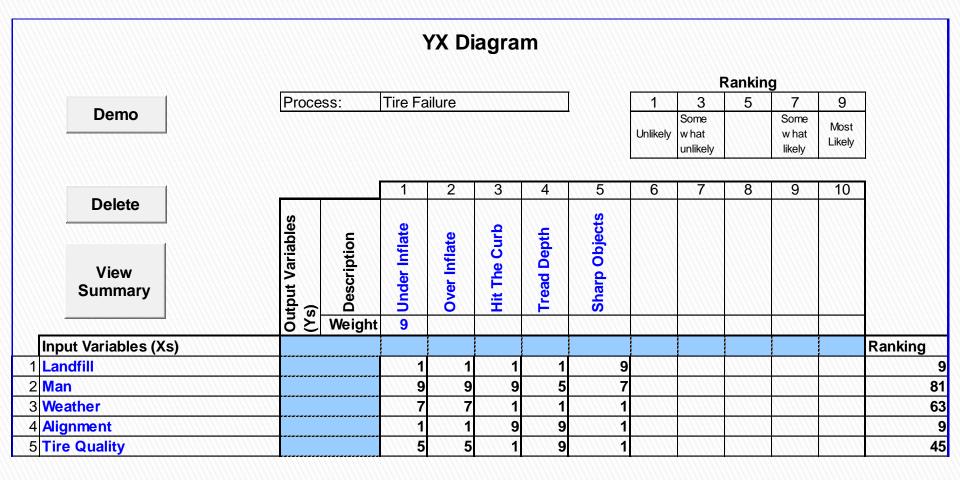






Measure Phase







Analyze Phase







Old Pre-Trip Form

	SOLID W/	ASTE VEHIC	LE REPORT
	Autom	ate Truck	
VEHICLE #	_ DATE	DRIVER	
SPEEDOMETER REA	ADING	HOUR	R METER READING
Finish	 	Finish	
Service Checks			
Oil		Vehicle Washed Today	
Water		Yes	No
Hoses	11111111111111111111111111111111111111		
Lights		Checked Transmission Fluid	
Springs	///////////////////////////////////////	Yes	No
Leaks			
Arm Greased Daily		Check Tire Air Pressure 100 ps	
Bed Greased		Yes	No
Sumps Cleaned out daily			
Remarks:			
Signed			<u>++-</u>
<u> </u>			
I certify that I have che (this is an official City			oove.





- Recaps last for an average of 8 months = 9,000 miles =1,500 work hours.
- Steer tires last for an average of 6 months = 7,000 miles = 880 works hours.



Analyze Phase





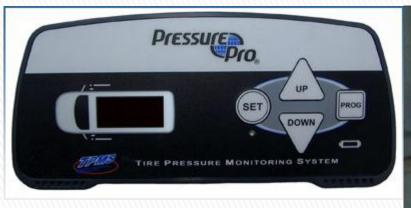


When we receive a new truck we take the rear tires off and put recaps on it and use them on our Residential and Roll Off Trucks as steer tires. It cost \$1,760 to replace all 8 tires but it cost \$3,264 for 8 new steer tires by taking the tire off we save \$1,504 a truck. One truck we can use the tires on 2 residential or 4 roll off trucks.



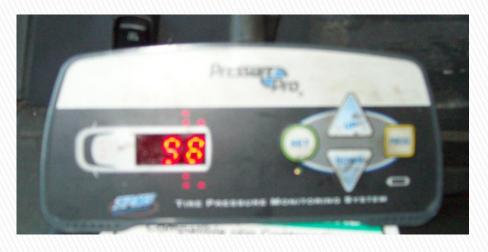
Analyze Phase









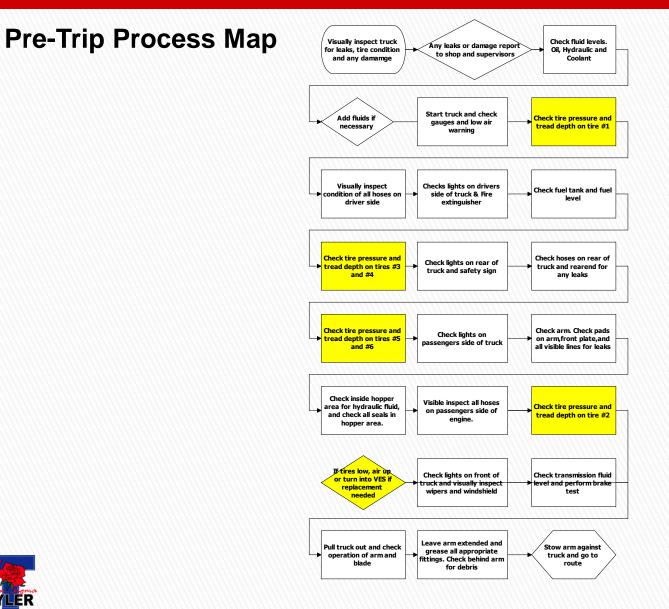




Analyze Phase

ΤY





Improve Phase

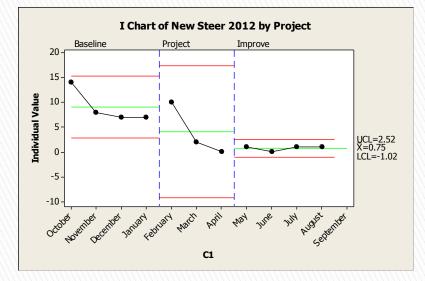


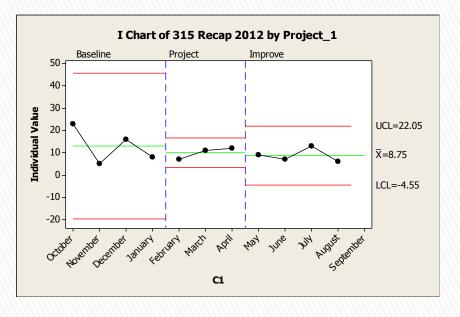




Improve Phase











Preliminary Hard Dollar Savings

	New Steer 20	11	New Steer 2012	Project	t () () () ()		315 F	lecap 2011	315 F	Recap 2012	Projec	t
October		12	14	Baselir	ne	October	111/1///	8	3	23	Baseli	ne
November		2	3	Baselir	ne	November	111/11/	8	3	5	Baseli	ne
December		8	7	'Baselir	ne	December	111/1/1/	12	2	16	Baseli	ne
January		20	7	'Baselir	ne	January	111/11/	13	3	8	Baseli	ne
February		4	10	Project	£	February	11/1////	14	i////	7	Projec	t
March		7	2	Project	t	March	111/1/1/	17	7	11	Projec	t
April		8	(Project	t	April	111/11/	7	7	12	Projec	t
May		3	1	Improv	/e	May		8	3	9	Impro	ve
June		4	(Improv	/e	June	///////////////////////////////////////	10)////	7	Impro	ve
July		11	1	Improv	/e	July	(()()())	8	3	13	Impro	ve
August		9	1	Improv	/e	August	111/1/1	12	2	6	Impro	ve
September		7		Improv	/e	September	111/11/	12	2		Impro	ve
		95	51				111/1/1/	129)	117		
	\$ 408	.00	\$ 408.00	111111			\$	220.00	\$	220.00	<u>AUUU</u>	
Comparison	\$ 38,760	.00	\$ 20,808.00	\$	17,952.00	Comparison	\$	28,380.00	\$	25,740.00	\$	2,640.00

	2011	2012	Total
Preliminary			
Savings			
Comparison	\$67,140.00	\$46,548.00	\$20,592.00



Control Phase



New Pre-Trip Form

	Automate	d Trucks	Safaty Ch	hock List	
.st. hieror	Automate		Salety CI	IECK LIST	
Vehicle		Date			
vernoie	//////////////////////////////////////	Date	+++++++++++++++++++++++++++++++++++++++	//////////////////////////////////////	111111
Hour Read	lina	Driver	iii ii		*****
Start		10////////	1111111		111111
Finish			111111	11111111	111111
SERVICE	CHECKS				
				Pre-Trip	Post-Trip
	1. Visually inspect tr	uck			
	2. Check fluid levels:	oil, hydraulic,c	oolant		111111
	3. Start truck, check	gauges & low	air warning		
	4. Check Tire #1: pre	essure, tread, l	lgs		
	5. Visually inspect e				111111
	6. Check lights drive		extinguisher	11/1/1/1	
	7. Check fuel tank a	nd fuel level			
	8. Check Tires 3 & 4		, 0		///////
	9. Check lights on re				
	10. Check rearend for				///////
	11. Check Tires 5 &				111111
	12. Check lights on				11111
	13. Check Arm:pads				
	14. Check hopper an				11111
	15. Inspect engine a				00000
	16. Check Tire #2:pr		epth, lugs		411111
	17. Check lights on I		44444		
	18. Check transmiss				
	19. Perform Brake Te				
	20. Check operation	of arm & grea	se		
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Any Defec	ts:			+++++++++	
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					144444
	nd that this is an Offic		document a	nd I certify that	at I have
checked e	verything listed above		<u>anni</u>		
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Control Phase



Next Steps

- Continue to use new pre-trip form with crew leaders oversight
- Implement and update procedures
- Continue to monitor tire costs
- Look at Recap Tires as a future project



Improve Work Order Flow





Project Start:8-9-2012 Project Champion: Stephanie Rollings Black/Green Belt: Heather Bolestridge



Define Phase 1. Select Output Characteristics

hampio	on Projec	t Worksheet	Champion:	
Step	Action	Information Elements for Defining Project	Definition/Explanation	Actual Project Information
em that usiness	1A	WHAT is the actual problem?	A business condition or impediment to success stated as the high level effect the problem is having on the business. This is usually in terms of cost, revenue, quality or delivery.	There is no workorder system in place in the Parks Department.
ific proble per the bu er source.	18	WHERE is the problem occurring?	Define where the problem is occurring. Include a geographic name such as city or facility and the name of the business area; i.e., Accounts Receivable, Purchasing, Manufacturing	Parks Department
 Identify the specific problem that needs to be solved per the business case or other source. 	1C	The TIMEFRAME over which this problem has existed?	Define when the problem first began or the timeframe over which it has existed. Example: Began Feb 2005, for the past 15 mos., or has always existed.	Consistant for several years
1. Identify needs to ca	1D	WHO is the customer(s) most affected by this problem?	Identify who the customer is that is most impacted by this business problem. This could be an internal or an external customer.	the parks crew/customers
fically ne	2A	Determine the characteristic or process output (Y's) that will be improved to solve this problem.	Name the Y which you intend to improve in order to solve the problem; i.e., Product Test Yields, Customer Complaints, Invoice Errors, Response Time	work order completion percent reported
what speci the baseli el.	28	Identify the PRIMARY METRIC for each Y that numerically describes the problem and will be used to measure and track improvement	This is a combination of the name for the Y and the unit of measure associated with it. Example: motor torque % defective, defects per invoice, call back response time in minutes.	reported completion
Determine the Y's (CTQ's), what specifically needs to be improved and the baseline performance level.	2C	Estimate the magnitude, BASELINE	Data should be gathered to determine the performance or behavior of the primary metric, assure the data is long term and not short term data. An Excel macro can be used to plot the data as a function of time and then be used to monitor the improvement as a function of time. This data establishes the base from which to calculate the potential financial benefits of the project, as a function its improvements.	88% not reported which gives us a DPMO of 879,699
2. Detern needs	2D	Identify a CONSEQUENTIAL METRIC.	This is any other characteristic or process output you will want to monitor to assure there is no negative impact to another area from solving the problem.	time it takes to complete, much higher number completed than documented, staff vs work o load

The Champion Project Worksheet is the starting point for every project. The worksheet helps set parameters for the selected project and keeps all of the initial information in one, easy-to-read place.



Define Phase 2. Define Performance Standard

Project Title:	Impr	ove Parks Wo	ork Order El	าพ	Project No.	P1
	Members - Who			tion Date:		ug-12
Process Owner:	Tim No	orris			am + customer	
Process Champion:	Tim No	orris		me		ame
Controller:	Jim Ya	nker	Jimm	/ Vega		
Process Expert:	Tim No	orris	Jose	Parga		
Black/Green Belt:	Heather Bo	lestridge	Todd L	.estage		
Black Belt Mentor:			Chris	Vega		
Master Black Belt:	Guillermo					
Project Champion:	Stephanie					
(ey Leader:	Stephanie					
		Project Des				
Project Scope and Boundaries:	The extent of the boundaries that li	mit the project:				ind the
			•		nenc	
	The Customer foc		e to be improv	ed:		
Measurable	Business Project Metric/P				rted Completion	
measurable	Secondar	rimary metric			plete work order	
	occontra	j moulo		11110 10 00111	piere ment erder	
	"What is wrong w and gap in perfor As a department, w	mance (problem) as evidenced	by the results	of the BIC/Pro	ject Metric :
Problem Statement:		e problem is 88% pected performanc ness is a slow turn	of work orders no e is to have less around on work	han 10% not rep completion and w	closed which give ported. The effect vasted time and n	s us a DPMO of this problem is
Goal Statement:	879,699. The exp	e problem is 88% o pected performance ness is a slow turn ups. This is c itement should c of improvement	of work orders no e is to have less around on work osting us an estir directly address t is expected.	t being reported than 10% not rep completion and w nated \$40,597.00 the information should be spec ave an estimated	closed which give ported. The effect vasted time and m) per year. on in the Proble ific and quantifi	s us a DPMO of this problem is noney with follow m Statement. able:
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The Lean Sigma Project Charter is a "contract" between the Champion and Black Belt or Green Belt performing the project.

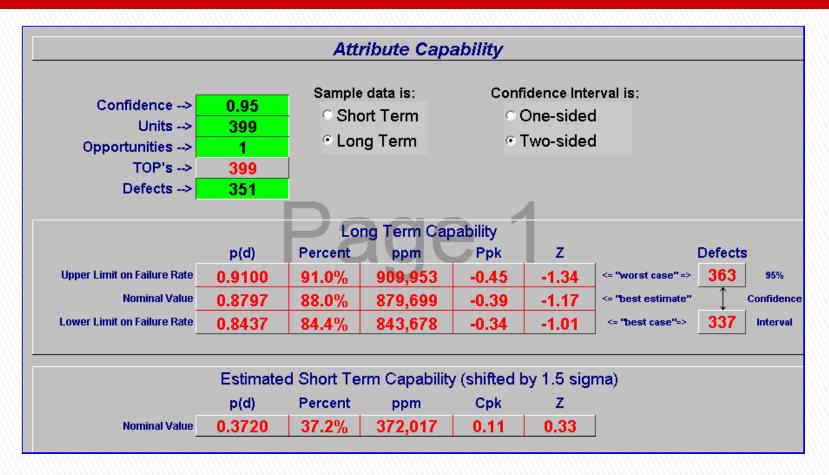
Problem Statement:

"As a department, we are experiencing a problem with our work order flow. The area where the problem is occurring is at all of our parks. The problem has existed since the parks department was established. The magnitude of the problem is 88% of work orders not being reported closed which gives us a DPMO of 879,699. The expected performance is to have less than 10% not reported. The effect this problem is having on our business is a slow turn around on work completion and wasted time and money with follow ups. This is costing us an estimated \$40,597.00 per year."



Measure Phase 4. Baseline Capability

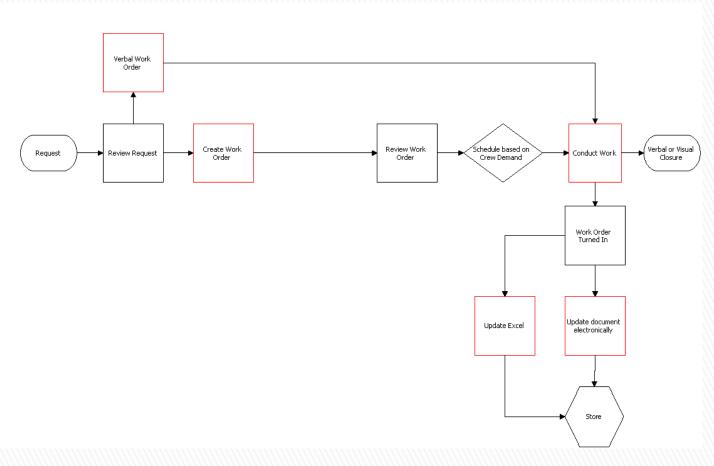




The process is performing at a less than 1 sigma level long-term. This indicates a system that is not properly functioning or being properly used.



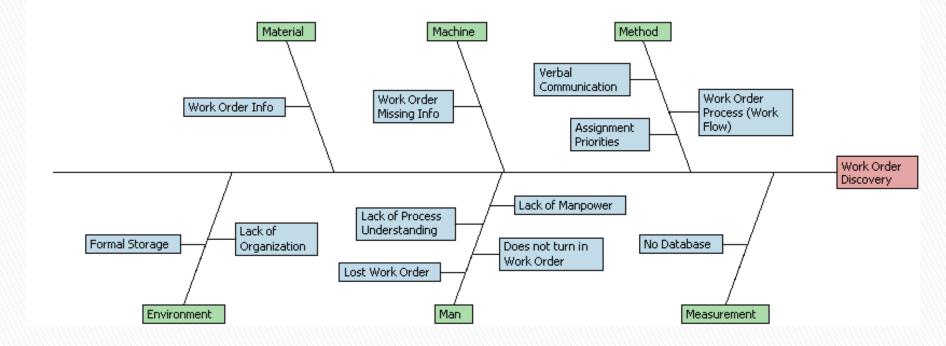




The process map outlines how the work order system flow is currently carried out.







The fishbone diagram is a list of potential "problems" identified by key personnel associated with the process.



Measure Phase 6. Identify Potential Variables

YX Diagram Summary

Process:	Improve work order flow
Date:	Aug/15/2012

Output Variable	s
Description	Weight
completed work orders	9
update work orders	9
work orders not recorded	7
reported work order	7

Input Variables	
Description	Ranking
lack of technology	288
forgetting workorders	288
no database	274
does not turn in WO	234
lost work order	228
work order flow	227
lack of organization	223
complexity of work order	218
Formal Storage	214
access to the database	209
rework/follow up	204
advance notice	199
lack of manpower	194
verbal communication	188
lack of process understanding	184
assignment priorities	99
	+

Key personnel say down and completed a YX Diagram to prioritize "problem" areas from the identified key variables.



After determining the potential problem with the highest outcome, we began doing research by analyzing best practices among Parks Departments around the U.S. by using the Alliance for Innovation as well as cold calling.

Knowledge Question:

"We are looking for information on best practices for a municipal work order system. It can be an electronic or paper system. We have suspended the use of our current system and are looking to start over from the ground up, so any ideas would be helpful."



Parks Scan:

: Park Scan began in San Francisco in 2003 to provide a user friendly web portal for residents to cite needed improvements for city parks directly to city staff. The website also enables residents to upload pictures when they submit their observation. In 2007, Park Scan partnered with the city's 3-1-1 system which automates park observations directly to the city's work order system with the other 3-1-1 cases. This has lead to greater efficiency in staff's responses to the observations. Out of the 3,867 observations reported in 2009, 82% were closed. Additionally, through the website, all residents can see the observations made and their progress. Beginning in 2009, the City of Portland developed a Park Scan based off this program

(http://transformgov.org/en/knowledge_network/documents/kn/ document/301669/san_francisco_park_scan).





Work Order Assessment, O'Fallon, MO:

The Maintenance Division is able to deliver on all elements of park maintenance currently. Investing in maintenance technology that includes a work order system and establishing performance measures tied to written maintenance standards to develop staffing needs and equipment requirements, would help the staff to operate in the most efficient manner. This work order system would help the Maintenance Division to maximize their available resources and help create a more sustainable Department for the future as well as demonstrate the duties and tasks associated with park maintenance.

Overview of Existing Park Maintenance Organization Structure In "Best Practices" types of park and recreation organizations, the Facility Maintenance Division for park structures, pools and recreation centers are part of the overall Parks and Recreation Division. The primary reason for this is because facilities of this type operate year round, seven days a week and the demand to meet user needs requires greater attention than a five

day operation typically found when a Facility Maintenance Division is located in another department. Based on the consultant's operational experience, approximately 10% of agencies nation-wide have facility maintenance operating out of a separate Department.

In O'Fallon, the Facility Maintenance Division is under Administrative Services which at times causes a disconnect between program needs and facility requirements. When users complain about facilities, it is important for the Facility Maintenance Division to hear the issues raised by the community and then act on it versus hearing something second-hand from the program staff. This would help eliminate a "we/they" culture and foster greater cooperation among the two staff groups. When facility maintenance is within the Parks and Recreation Maintenance Division, there is a greater sense of urgency and accountability to meet the user's needs and expectations by the Facility Maintenance Division staff.

For Parks and Landscape Maintenance, the existing organizational structure as outlined by staff in conversations with the Consulting Team appears to be designed in a very functional and efficient manner. No changes are recommended in how the organization is designed as it applies to Park and Landscape Maintenance.



Synergy Work Order Review

Coherent enables the creation of unlimited categories of permits, licenses, inspections, etc. for the purpose of inspections and code enforcement. The Coherent Work Order Review Module enables managers to create and save code enforcement queries for various departments, organizations, and buildings. Reminders can be created to insure tasks are handled promptly and <u>permit expirations</u> are processed. Features include

(http://synergyinfosys.com/parks_recreation.htm).





Workorderama, City of Pittsfield, MA:

Workorderama features a Web browser application interface that will allow staff and **selected** building occupants to request work orders via the Internet from their Web browser. This Web –Based Requester Interface is simple and easy to use – click on a link (or favorite) in either the City or School Web site, enter a User Name and Password and voila' your in! The <u>Web</u> <u>Link</u> is located on the City web site will be located under E-Services in the right hand corner of the Home page. There are a few required fields to fill out on the request form – Building, Room #, Location description and a brief description of the request - then click the Submit button; it's as easy as 1-2-3 (<u>http://www.cityofpittsfield.org/work_order_system.htm</u>).



Comparing Best Practices



Integrating Work Order System with GIS

They must engage with work order systems, asset management systems, permitting systems, 311 systems, complaint center systems, and so on—with each system offering a different array of interfaces and data. When GIS is integrated with these systems, geography becomes the focal point for service and data, linking databases together, consolidating workflows, and presenting a common operating picture for the end user. For example, a supervisor can quickly find the location of a site, access the work orders pertaining to the site, visualize the site in 3D, generate detailed maps, and spatially analyze the problem before scheduling and routing field crews:

(http://www.esri.com/library/reprints/pdfs/publicworks_buildingserver-based.pdf).



Developing a Work Order System:

Control, accountability, and allocation of scarce resources are the foundation of a good financial management system in any city. That's why a complete work order system is a good idea. It can enhance the financial manager's control and accountability of any public works project. (http://www.mtas.utk.edu/KnowledgeBase.nsf/1eeffdc6080866 a885257936005b10b4/8525703d00549dbd85256f7f0056e3ee/ \$FILE/Work%20Order%20Systems.pdf).





Integrating 311 with Work Order System:

In less than six years, San Antonio, Texas (pop. 1.2 million), more than doubled the number of customer service calls the city receives while reducing the number of calls it loses by half. The city integrated its existing work order systems into a new 311 call center that responds to citizens while generating new data that is used by city departments to monitor and improve performance

(http://transformgov.org/en/Page/923/More_US_Local_Govern ments_Turning_to_311_Call_Systems_911_Calls_Drop_Sharp ly_with_311_Use_Survey_Sho).





E-Complaint System - Coral Springs Fla.:

"The request is either handled right away and closed out; or a work order is generated to fix the problem. In the case of ongoing issues, a status report must be posted at least every two weeks, and the user can track the progress of the issue, using their tracking number. The Web manager, or anyone else with administrative proxy rights (such as the department head or city manager) can check on the status of any case at any time"

(http://transformgov.org/en/Article/10618/City_of_Coral_Spring s_Develops_Innovative_EComplaint_System).



Other Examples:

Many parks in Texas use some type of a "work order" system, whether it be paper-based or electronic others do not. Some I've seen through my research: Beaumont uses the 3-1-1 system. Longview uses some sort of an electronic service. Mesquite has no work order system, McKinney Does not use a call system, but rather uses calendars. Tasks are written on the calendar and doled out based on staff availability. Lewisville – Used to use lotus notes but will not be using WEB CT which is similar to the City of Tyler's CRM program. The Woodlands use Excella, which is a service request/work order system.



Next Steps Phases 8–12



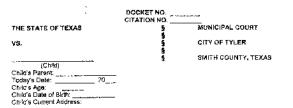
Other Examples:

- Analyze Benchmarks
- Research currently available products in HTE
- Develop a new process flow
- Determine best available solution
- Implement Controls



Juvenile FTA Process





(provided to judge by parent and child)

NOTICE OF CONTINUING OBLIGATION TO APPEAR AND PROVIDE THE COURT IN WRITING WITH THE CURRENT ADDRESS Pursuant to HB 2319, the above-referenced child and parent are hereby given written notice of their obligation under subsection (h) and (i) of Article 45.057, Code of Criminal Procedure:

(b) A child and parent required to appear before the court have an obligation to provide the court in writing with the current address and residence of the child. The obligation does not end when the child reaches age 17. On or before the seventh day after the date the child or parent changes residence, the child or parent shall notify the court of the current address In the manner directed by the court. A violation of this subsection may result in arrest and is a Class C misdameanor. The obligation to provide notice terminates on discharge and satisfaction of the judgment or final disposition not requiring a finding of guilt.

If an appellate court accepts an appeal for a trial de novo, the child and parent shall provide the notice under Subsection (h) to the appellate court. (Section (f) has no applicability to the Tyler Municipal Court as It is a court of record and there are no appears for trials de novo from court of record.)

FURTHER NOTIFICATION GIVEN TO YOU NOW WHICH BECOMES APPLICABLE WHEN YOU REACH AGE 17

WARNING: COURT RECORDS REVEAU THAT BEFORE YOUR 17TH BIRTHDAY YOU WERE ACCUSED OF A CRIMINAL OFFENSE AND HAVE FAILED TO MAKE AN APPEARANCE OR ENTER A PLEA IN THIS MATTER. AS AN ADULT, YOU ARE NOTIFIED THAT YOU HAVE A CONTINUING OBLIGATION TO APPEAR IN THIS CASE. FAILURE TO APPEAR AS REQUIRED BY THIS NOTICE MAY BE AN ADDITIONAL CRIMINAL OFFENSE AND RESULT IN A WARRANT BEING ISSUED FOR YOUR ARREST.

Wre received a copy of this notice: Parent

The Court Directs that you med your Current advirage to:

Yyler Municipal Court 813 N. Broadway Tyler, Taxas 75702

Chad



Project Start: 2/03/2012 **Project Revision:** Project Champion: Cam McCabe Black/Green Belt: Judy Minor Team Members: Violet Webster





The goal is to identify juveniles that have not complied with their court order and proceed with the Juvenile FTA process within 30 days of their 18th birthday.







Existing Law:

- Effective Date: September 1, 2003.
- Pursuant to HB 2319, the above-referenced child and parent are herby given written notice of their obligation under subsection (h) and (i) of Article 45.057, Code of Criminal Procedure:

A child and parent required to appear before the court have an obligation to provide the court in writing with the current address and residence of the child. The obligation does not end when the child reaches age 17. On or before the 7th day after the child or parent changes residence, the child or parent shall notify the court of the current address in the manner directed by the court. A violation of this subsection may result in arrest and is a Class C misdemeanor.





Project Scope:

• The need to address unsettled juvenile cases still pending past their 17th birthday.

They feel nothing can be done on the juvenile tickets so the parents tend not to pay them even after they appear in Court.







Current Problem:

- Cases as old as September 1, 2003.
- There are at least 931 outstanding cases.
- There is currently \$387,049.81 in outstanding fines and fees owed to the City at this time.



Define Phase 2. Define Performance Standards

Project Charter

	Project Charter			
	Project Authorizatio	on		•
	Organization: Municipal Court	Champion: Cam McCabe	Process Owner:	
There is currently no	Project: Juvenile FTA Program		Project #:	
process in place to deal with juvenile	where this problem is occurrin	ng is: Municipal Court. The prob		
defendants once they turn	10%. The effect this problem	problem is: currently 100% and is having on our business is: or much as \$387,049.81 in Total F		Our objective is to identify all
17.	seventeenth birthday. Currer on these outstanding cases.			existing defendants within 30 days of their 18 th birthday.
	Estimated Defect Level:	Initial Goal: 10%	Estimated Benefits:	
	Approval Date: 2/3/2012	Champion Signature:	Process Owner Signature:	

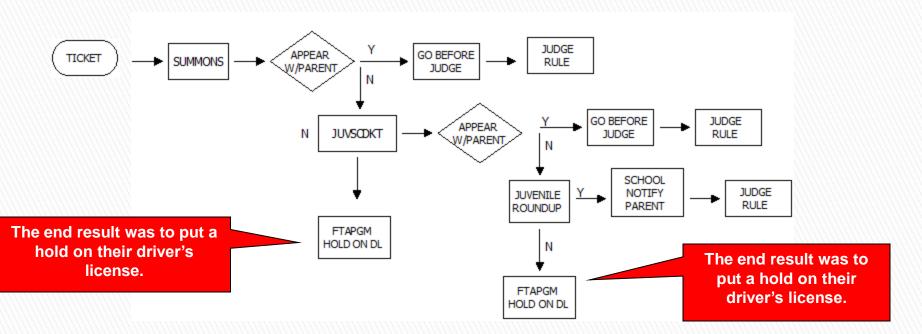


once they to 17.

Measure Phase 6. Identify Variation Sources



Juvenile Process prior to Lean Sigma

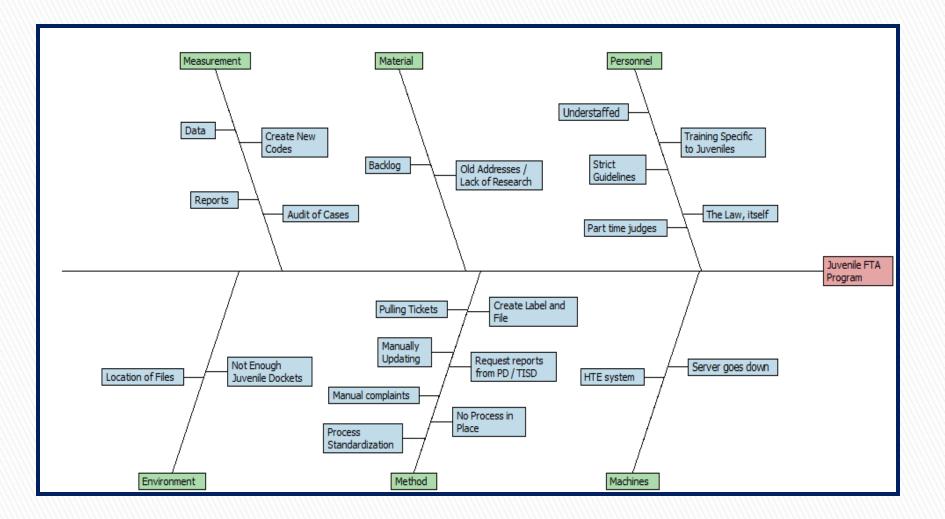






Measure Phase 6. Identify Variation Sources







Measure Phase 6. Identify Variation Sources



YX Diagram Summary

Process: Juvenile FTA Date: 9/19/2012

Output V	ariables
Description	Weight
Juvenile FTA	9

Input Variables	
Description	Ranking
Strict Guidelines	81
The Law	81
No Process in Place	81
Request Reports from PD / TISD	81
Data	63
Reports	63
Create New Codes	63
Training	63
Old Address/Lack of Research	63
Part time Judges	45
Understaffed	45
Process Standardization	45
H.T.E. system	45
Audit of Cases	27
Backlog	27
Manually Updating	27
Not enough Juvenile Dockets	27
Manual Complaints	27
Location of Files	27
Pulling of Tickets	27
Create Label and File	9
Server goes down	9

The most significant factor include strict guidelines, the law, no process in place and documentation.



		MUNICI	PAL JUVENILE/N	MINOR CHART			
	Alcoholic Beverage Code	Alcoholic Beverage Code/DUI/BUI	Education Code	Health and Safety Code	Penal Code	Transportation Code Chapter 729	
	X		 Court must notify child of right; Court must give copy of Art. 45.0216, C.C.P.; Not more than one conviction; Child may apply on or after age 17; Apply to trial court; Child makes request under oath; Court shall charge \$30 fee. 			The laws and gu pertaining to is warrants on ju	suing
nild Turns je 17 after jare to opear	Art. 45.060, C.C.P. Court must have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art. 45.060, C.C.P. At age 17 or older, court issues an order to appear. Order must have a warning about continuing obligation to appear and that failure to appear may result in a warrant being issued. If person fails to appear after notice, prosecutor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a warrant of arrest.	Art. 45.060, C.C.P. Court must have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art. 45.060, C.C.P. At age 17 or older, court issues an order to appear. Order must have a warning about continuing obligation to appear may result in a warrant being issued. If person fails to appear after notice, prosecutor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a warrant of arrest.	Art. 45.060, C.C.P. Court must have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art. 45.060, C.C.P. At age 17 or older, court issues an order to appear. Order must have a warning about continuing obligation to appear mad that failure to appear and that failure to appear and that failure to appear and that failure to appear fails to appear after notice, prosecutor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a warrant of arrest.	Art. 45.060, C.C.P. Court must have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art age 17 or older, court issues an order to appear. Order must have a warning about continuing obligation to appear may result in a warrant being issued. If person fails to appear after notice, prosecutor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a warranta for arrest.	Art. 45.060, C.C.P. Court must have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art. 45.060, C.C.P. At age 17 or okder, court issugs an order to appear must have a warming about continuing obligation to appear may result in a warrant being issued. If person fails to appear after notice, proscentor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a	Art. 45.04 Court an have used all available procedures under Chapter 45 to secure appearance while under the age of 17 before proceeding under Art. 45.060, C.C.P. At age 17 or older, court issues an order to appear. Order must have a warning about continuing obligation to appear and that failure to appear may result in a warrant being issued. If person fails to appear after notice, prosecutor may file complaint for violation of obligation to appear under Art. 45.060 and court may issue a warrant of arrest.	
ld Turns 17 after ling to Fine: <i>bias Pro</i> <i>c</i> ; Art. 045, . P.	Art. 45,045, C.C.P. Court must determine before issuing a capias pro fine: • that person is age 17 or older; • that issuance of capias pro fine is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment by other procedures); and • that the court has proceeded under Art. 45,050, C.C.P.	Art. 45.045, C.C.P. Court must determine before issuing a capias pro fine: • that person is age 17 or older; • that issuance of capias pro fine is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment by other procedures); and • that the court has proceeded under Art,	Art. 45.045, C.C.P. Court must determine before issuing a capias pro fine: • that person is age 17 or older; • that issuance of capias pro fine is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment by other procedures); and • that the court has proceeded under Art. 45.050,	Art. 45.045, C.C.P. Court must determine before issuing a <i>capias</i> <i>pro fine</i> : • that person is age 17 or older; • that issuance of <i>capias</i> <i>pro fine</i> is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment by other procedures):	 wariant of affest. Art. 45.045, C.C.P. Court must determine before issuing a capias pro fine: that person is age 17 or older; that issuance of capias pro fine is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment 	Art. 45.045, C.C.P. Court must determine before issuing a capias pro fine: • that person is age 17 or older; • that issuance of capias pro fine is justified (must consider sophistication & maturity, criminal record and history of individual, and the reasonable likelihood of bringing about the discharge of judgment by other procedures); and • that the court has proceeded under Art. 45.050, C.C.P.	





Analyze Phase 8. Determine Optimal Solutions



Juvenile Procedures Developed by Judge



JUVENILE PROCEDURES

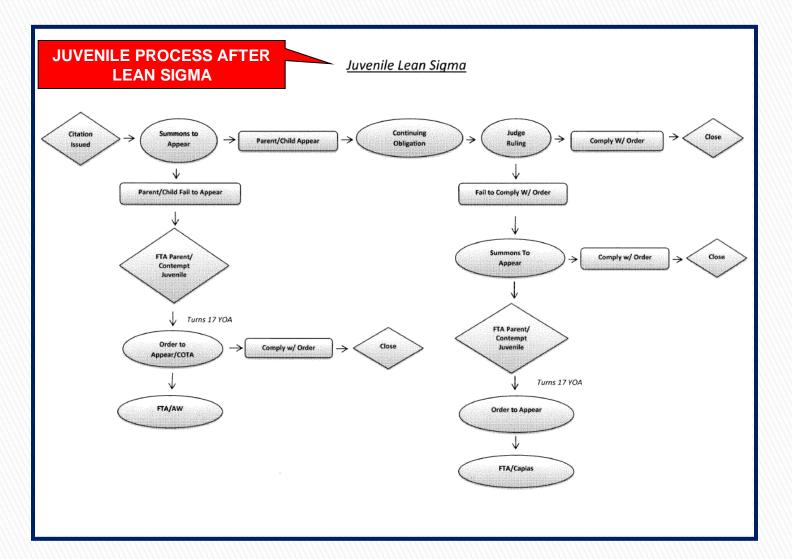
- 1. NEW TICKETS
 - a. SUMMONS TO PARENT AND CHILD
 - b. NEITHER SHOWS
 - i. FTA Parent (but not our current one 45.057(e) / warrant
 - ii. Contempt Citation on Child
 - c. CHILD SHOWS / PARENT DOES NOT SHOW
 - i. FTA Parent (but not our current one 45.057(e) / warrant
 - ii. COTA signed
 - iii. Reset
 - d. CHILD SHOWS / OTHER PARENT OR PERSON APPEARS
 - i. Judicial discretion on what to do about non-appearing parent
 - If court can go forward with the person present, then the court should proceed to adjudicate the child.
 - iii. COTA signed
 - e. CHILD DOES NOT SHOW / PARENT SHOWS
 - i. Contempt Citation for child
 - ii. No COTA if parent doesn't know where child is
- 2. CHILD FAILS TO COMPLETE COURT ORDER STILL UNDER 17 (PP OR PFY)
 - a. Show Cause to Child
 - b. Summons to parent
 - c. Basically treat any appearance / non-appearance like #1 above
- 3. CHILD NOW OVER 17
 - a. OLD TICKETS NEVER APPEARED
 - i. Original Summons w/ 45.057(h) notice in file.
 - ii. SUMMONS (COTA) -- TO CHILD (now adult) ONLY
 - iii. CHILD FAILS TO APPEAR
 - 1. FTA (but this is not our current FTA) must be based on CCP 45.060(b)
 - 2. WARRANT ON FTA ONLY
 - b. OLD TICKETS WITH APPEARANCE BUT STILL OUTSTANDING non-completion
 - i. SHOW CAUSE
 - ii. FTA
 - Contempt only





Analyze Phase 8. Determine Optimal Solutions







Analyze Phase 8. Determine Optimal Solutions



Juvenile FTA Complaint Updated by Legal

Failure to Appear (FTA)-

Summons issued to Parent, Managing Conservator, or Guardian with a Court Order to Appear at a Hearing with a Child Code of Criminal Procedure Art. 45.057(e)(g) (Rev. 01/31/2012)

DOCKET NO.

IN THE MUNICIPAL COURT OF THE CITY OF TYLER, TEXAS

IN THE NAME AND BY THE AUTHORITY OF THE STATE OF TEXAS

BEFORE ME, the undersigned authority, on this day personally appeared_______, hereinafter called "complainant", who after being sworn says that said complainant has good reason to believe and does believe and charge that_______, hereinafter called "defendant", and before the filing of this complaint, within the Tyler city limits, Smith County, Texas, after the Court endorsed on a summons, issued to the defendant, a Court Order to appear personally at a hearing with the child at _________. M. in the Tyler Municipal Court on the _______day of ________, A.D., 20____ and after the summons included a warning that the failure of the defendant to appear may result in arrest and is a Class

"C" Misdemeanor offense; the defendant failed to appear in the Tyler Municipal Court when defendant was

required to appear on the above described time and date stated in the summons ordered by the Court; AGAINST THE PEACE AND DIGNITY OF THE STATE.



















- New Procedures will take effect upon the juveniles 17th birthday.
- No warrants will be issued until after the juveniles 18th birthday.





- Initial notices mailed to defendants (letters A through G).
- Hard Savings : \$6,950.34 paid to Court.
- Soft Savings : \$30,972.62 credit given for time served in jail (voluntary waivers signed by defendants).









Next Steps

- Continue implementation
- Develop procedural controls
- Monitor performance of new process
- Develop cost and savings spreadsheet



Reducing PMA Completion Time

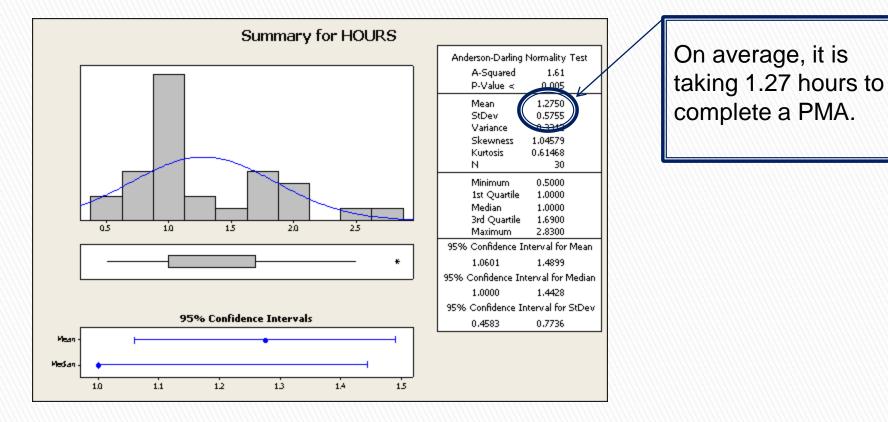


Project Start:11-3-2011 Project Revision:1 Project Champion: Russ Jackson Black/Green Belt: Leroy Sparrow



Define Phase 1.Select Output Objective

Graphical Summary





Define Phase 2.Define Performance Standard



Project Charter

Project Authorization

Organization:	Champion:	Process Owner:				
City of Tyler	City of Tyler Russ Jackson					
Project:	Project #:					
Reduce Light Duty Vehicle PM						

Problem Statement:

Project Charter

We are experiencing a problem with preventive maintenance time. The area where we are focusing is the light duty vehicle pma process, which is a basic oil and filter change. The magnitude of the problem indicates that we spend an average of 1.27 hours on a standard oil and filter change for light duty vehicles. The effect of not working efficiently is causing a decrease in light duty pma revenue. This inefficiency is also causing us to utilize an external vendor more frequently.

Project Objective:

The project objective is to standardize our process for light duty preventative maintenance.

Estimated Defect Level:	Initial Goal:	Estimated Benefits:
893738	89373	
Approval Date:	Champion Signature:	Process Owner Signature:
Estimated Completion Date:	Project Leader:	Financial Analyst:
	📶 Leroy Sparrow	

Project Team

Name	Role	Comments	Phone
Leroy Sparrow	Project Leader		
Russ Jackson	Champion		
Guillemo Garcia	Master Black Belt		
Dena Beard			
Debora Shreck			
Kerwin Barrett			
Lamar Hampton			
Larry Yarber			
Corey Wiggins			
Stan Stoffregen			

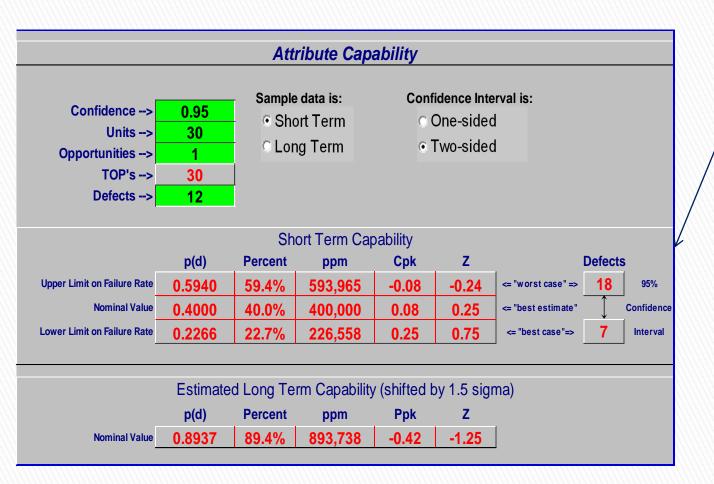
Problem Statement:

We are experiencing a problem with preventive maintenance completion time. The area where we are focusing is the light duty vehicle PMA process, which is a basic oil and filter change. The magnitude of the problem indicates that we spend an average of 1.27 hours on a standard oil and filter change for light duty vehicles. The effect of not working efficiently is causing a decrease in light duty PMA revenue. This inefficiency is also causing us to utilize an external vendor more frequently.



Measure Phase 4.Establish Baseline Process Capability

Capability Analysis



This shows that we are currently running this process at a .25 sigma level.



Measure Phase 5. Define the Performance Objectives

Project Objective

Goals and Benefits

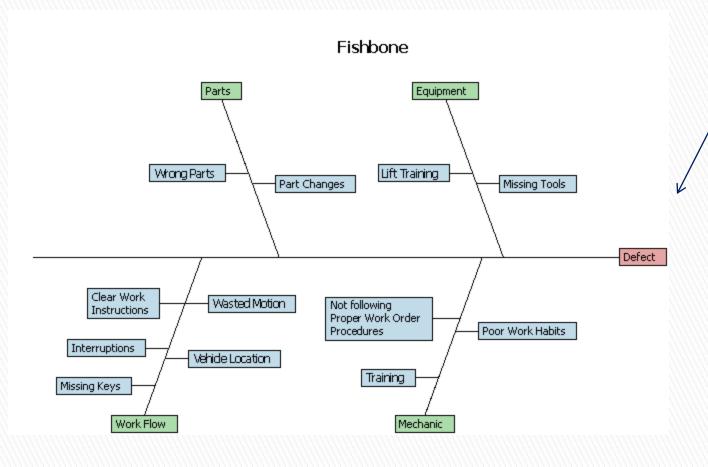
	Date	DPMO(LT)	Zbench(ST)	Cpk
Baseline	1/17/2012 🛛 🔤	893738	0.25	0.08
Goal	1/17/2012 🛛 🔤	89373	0.47	0.15
Stretch Goal		0	0.00	0.00

Defect Levels/Goals:

Project Objective is to reduce the DPMO (defect per million opportunities).



Fishbone Diagram

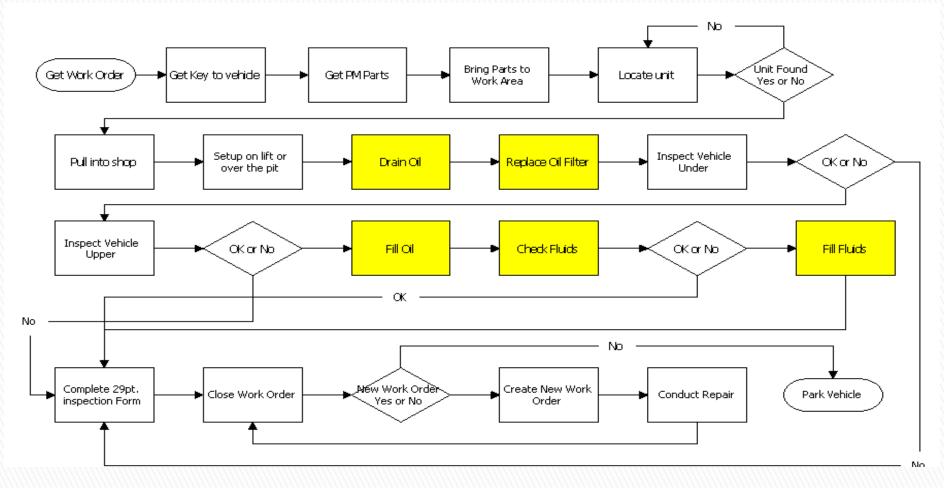


List of possible variables that extend Light Duty PMA completion times.





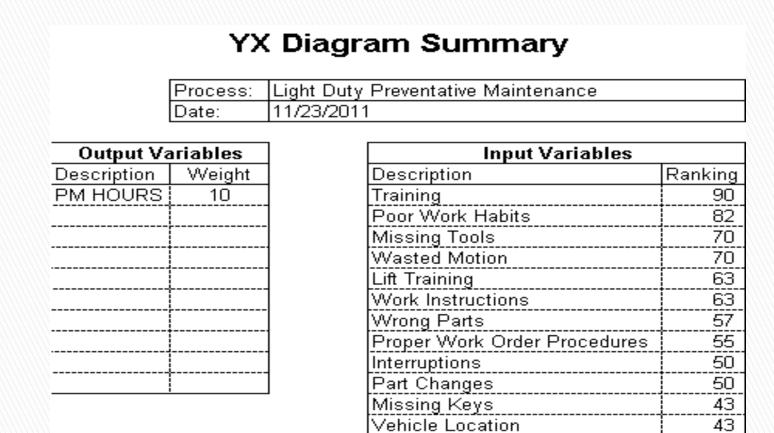
Process Map







XY Diagram



Vehicle Location



Analyze Phase 7. Screen Potential Causes

Process Measurement Sheet

Pro	cess Measurement	Proc	cess						Date:				Demand per	Shift	8	
	Sheet	Available	Production	Time Per S	Shift (Sec)		28800 Area: Takt Time: 36		Area: Takt Time: 3600.0				Area: Takt Time:			
#	Element	1	2	3	4	5	6	7	8	9	10	Avg Time	Capability	Opera	ators	
1	Get W/O, keys, and parts	120	120	120	360							180.00	160	0.0)5	
2	Locate unit and setup on lift	180	360	180	300							255.00	113	0.0)7	
3	Drain oil and replace filter	420	600	200	420							410.00	70	0.1	1	
4	Inspect vehicle (under)	360	480	240	600							420.00	69	0.1	2	
5	Inspect Vehicle(upper)	480	840	600	780							675.00	43	0.1	9	
6	Fill oil	180	360	300_	<u>18</u> 0						_	255.00	113	0.0)7	
7	Check fluids and fill fluids	120	300	120	120							165.00	175	0.0)5	
8	Complete 29pt Inspection	180	60	60	120	2				-		105.00	274	0.0)3	
9	Close W/O	240	480	120	60							225.00	128	0.0)6	
10	Park vehicle	60	0	120	120						_	75.00	384	0.0)2	
11																
12																
13																
14																
15																
16																
17																
18																
										To	tals	2765.00	10	0.7	77	

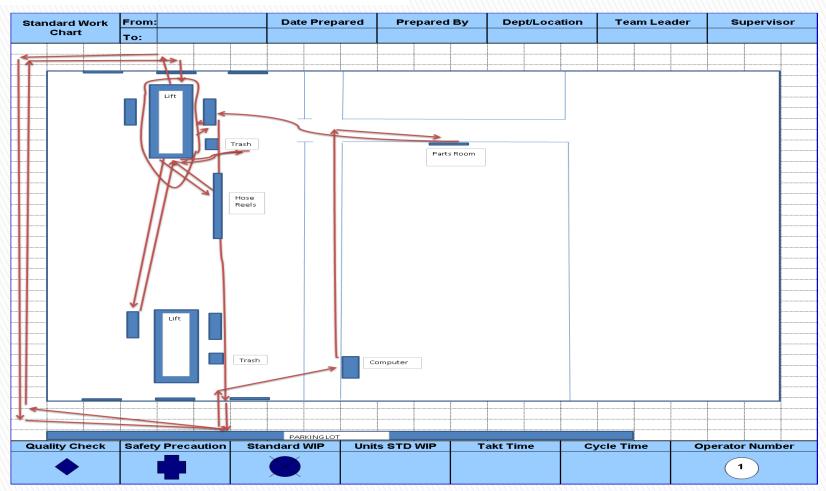
This shows an average of 46 minutes to complete a PMA.



Analyze Phase 7. Screen Potential Causes



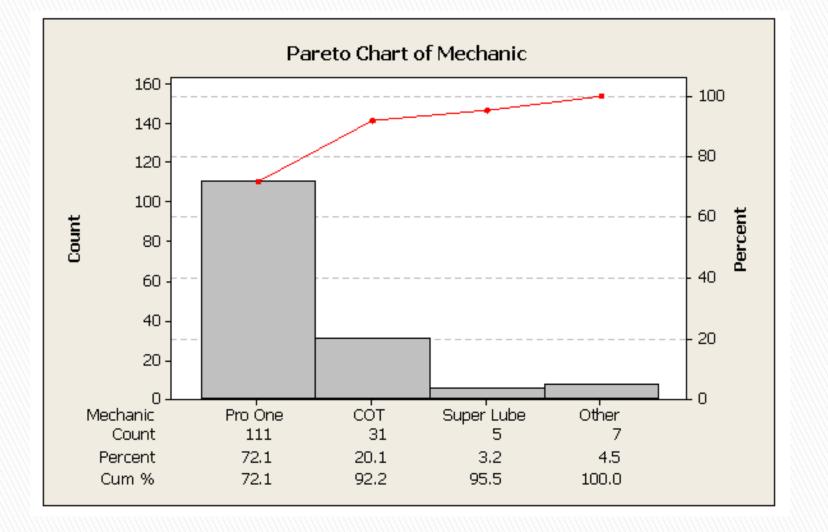
Spaghetti Diagram





Analyze Phase 7. Screen Potential Causes







Improve Phase 8. Optimal Solutions



- Create a Clear Work Instruction for the Light Duty PMA Process
- Create Mechanic Efficiency Reports
- 5S the Work Area





Light Duty PMA Work Instruction

I.	Purpose:	Purpose:							
11111	Standardize and Clarify Li	ght Duty PMA Process							
II.	Scope:								
	Light Duty PMA								
III.	Definition:								
	Light Duty PMA Process								
IV.	Procedure:								
	1. Get work order, keys,	and parts from the parts room and	take to your work area.						
	2. Locate the unit, pull it	into the shop and setup the unit o	n the lift.						
	3. Drain the oil and replace the oil filter.								
	4. Inspect items on the 29pt.inspection form that are under the vehicle.								
	5. Fill unit with the approx	priate oil.							
		g items on the 29pt. inspection for	rm. Any additional repairs or						
		on the 29pt. inspection form.							
	7. Close the PMA work of								
	8. Open new work orders	if additional repairs are needed.							
	9. If no additional repairs	are needed park the unit.							
	10. Return keys to the part	s room and turn in all paperwork	to the service writer or						
	supervisor.								
	Author Name:	Authorization Name:	Authorization Date:						
11111	Leroy Sparrow	Russ Jackson	6/29/12						





Mechanic Efficiency Report

Based on 4	0 hrs per w	veek.		VES Employ	vee					
Date	Budgeted Hours	Overtime	Vacation/ Holiday/ Special Project Hours	Total Adjusted Budget Hours			Shop Audit	Total Adjusted Hours Billed	Efficiency Rating	Notes
4/7/2012	28			28	21.25			21.25	76%	
4/14/2012	35	1		36	32.75	1.54		31.21	87%	
4/21/2012	34	3.5		37.5	28.53	3.66		24.87	66%	
4/28/2012	34	0.75		34.75	30.71			30.71	88%	





New Capability Analysis

		Att	ribute Cap	ability				
Confidence>	0.95		e data is:		idence Inte			
Units>	112	- O Sho	ort Term	\odot	One-sideo	ł		
Opportunities>	1	• Lor	ng Term	•	Two-sideo	ł		
TOP's>	112							
Defects>	24							
		-						
		Lo	ng Term Cap	oability				
	p(d)	Percent	ppm	Ppk	Z		Defect	S
Upper Limit on Failure Rate	0.3019	30.2%	301,855	0.17	0.52	<= "worst case" =>	34	95%
Nominal Value	0.2143	21.4%	214,286	0.26	0.79	<= "best estimate"	\uparrow	Confidence
Lower Limit on Failure Rate	0.1424	14.2%	142,383	0.36	1.07	<= "best case"=>	16	Interval
Estimated Short Term Capability (shifted by 1.5 sigma)								
	p(d)	Percent	ppm	Cpk	Z	1		
Nominal Value	0.0110	1.1%	10,963	0.76	2.29			



Control Phase 12. Implement Controls



Control Plan

Control Plan for Reducing Light Duty PMA Completion Time

Light Duty PMA Work Instructions

The work instructions for a PMA have been created and placed in a file for all employees to review. These work instructions will be reviewed with all employees to help standardize this process by providing clear and precise instructions on how to perform a light duty PMA.

Mechanic Efficiency Report

This report is used to communicate to the mechanics how productive and efficient they are performing. This report is reviewed on a monthly basis. If mechanics are showing a low trend on their efficiency report, then a supervisor will review this area with the mechanic.

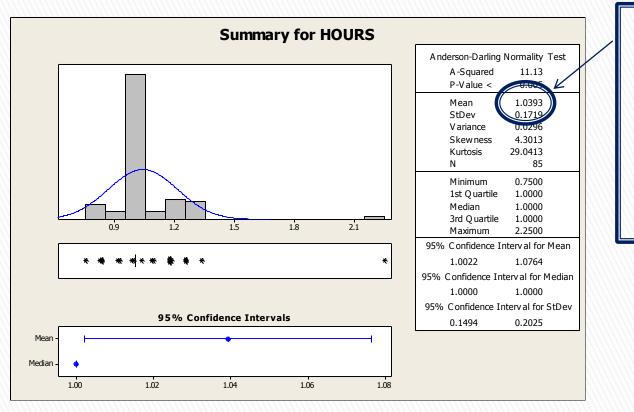
PMA Data

We will track the completion time for all light duty PMA's. Any mechanic that goes over the set goal of 1 hour is reviewed in detail.



Control Phase 12. Implement Controls

New Graphical Summary



Since project implementation, May and June data shows that our PMA average has dropped to 1.04 hours.





Savings Summary

	Initial Cost													
	Hard Savings		\$ 8,978											
	Soft Savings		\$ 2,787											
	Total Savings		\$ 11,764											
Т	ime Saved (Hr	rs)	55.73											
				(1))))))))))))))))))))))))))))))))))))										
	Da	ita			Hard Doll	ar Savings				Soft Dol	lar Calculations			Time Savings
		Avg Hours		Previous #	Estimate	Current			Estimate					
Month	Completed	to	Vehicles to	of Vehicles	Vendor	Vehicle	Hard	Previous Days	Hours to	New Hours to	Time Difference	Labor Cost	Soft Savings	Time Saved
WORth	Inspections	complete	Vendor	sent to	Cost @	Vendor	Savings	to Complete	complete PM	complete PM	Time Difference	Labor Cost	JUIT Javings	(Hrs)
		PM		Vendor	\$47.50	Cost @			completer m					
Apr-12	45	1.05	4	41	\$ 1,947.50	\$ 190.00	\$ 1,757.50	1.27	57.15	47.25	9.90	\$ 50.00	\$ 495	9.90
May-12	42	1.03	3	41	\$ 1,947.50	\$ 142.50	\$ 1,805.00	1.27	53.34	43.26	10.08	\$ 50.00	\$ 504	10.08
Jun-12	42	1.02	3	41	\$ 1,947.50	\$ 142.50	\$ 1,805.00	1.27	53.34	42.84	10.50	\$ 50.00	\$ 525	10.50
Jul-12	40	1.01	5	41	\$ 1,947.50	\$ 237.50	\$ 1,710.00	1.27	50.80	40.40	10.40	\$ 50.00	\$ 520	10.40
Aug-12	55	1.00	1	41	\$ 1,947.50	\$ 47.50	\$ 1,900.00	1.27	69.85	55.00	14.85	\$ 50.00	\$ 743	14.85
Sep-12				41				1.27				\$ 50.00		
Oct-12				41				1.27				\$ 50.00		
Nov-12				41				1.27				\$ 50.00		
Dec-12				41				1.27				\$ 50.00		
Jan-13				41				1.27				\$ 50.00		
Feb-13				41				1.27				\$ 50.00		
Mar-13	1111117	(111111)		41				1.27				\$ 50.00		
Apr-13				41				1.27				\$ 50.00		



Next Steps



- Continue to Track Data
- Identify any additional Improvements
- Track both Hard and Soft Savings



Inspection and Pre-Fire Planning Program



CITY OF TYLER FIRE DEPARTMENT 1718 W. HOUSTON 1748 W. TOTOTON 1748 W. TOTOTON (603) 535-0007	COMPANY INSPECTION REPORT
Address -	Occupant
Phone Number Fixed Property Use	Emergency Contact Name and Position
File Alem Monitored by YES KNOX BOXLocation	Alem Company Phone Number Emerg. Contact Phone Number
Check Items where corrections need to be ma	
EXTINGUISHERS:	BUILDING:
Check all fre extinguishers for proper maintenance & recharge all which are expended.	Secure permit from Building Inspection for structural, electrical, or plumbing alterations.
Service Hood Extinguishing System every 6 months.	Post street address on front of building with at least 4 inch letters or numbers.
Provide proper number and type of fire extinguishers. Mount fire extinguishers in conspicuous accessible locations,	Repair all breaches/holes in rated walls. Existing local only fire alarms must be labeled "WHEN ALARM SOUNDS - CALL
not more than 5 feet above floor level.	Existing local only the alarms must be labeled "WHEN ALARM SOUNDS - GALL FIRE DEPARTMENT".
HOUSEKEEPING:	SPECIAL HAZARDS:
Remove the accumulation of all combustible wastelmaterials from the building, premises, heat sources.	Post "No Smoking" signs per city ordinance.
Remove accumulation of grease from all cooking apparatus, vent hoods, ducts, vents, etc.	Securely chain or strap all compressed gas cylinders in a vertical position.
Provide approved containers with approved covers for the collection and storage of waste combustbles or raos.	Provide approved safety cans for all dispensing of fiammable liquids. Provide approved storage room for fiammable/corrosive liquids per code.
Collection and storage or waste comoustoles or rags.	Remove weed Growth: Alley Yard Other
proper working order.	 Have Sprinkler System and/or Fire Alarm System Inspected by licensed company each year.
Provide and maintain a minimum of 18 inches clearance between the top of any storage and sprinkler heads or any overhead obstruction.	
Discontinue practice of locking or blocking designated exits.	ELECTRICAL:
REMARKS:	Remove all electrical cords from contact with metal objects and/or excessive use of such.
REMARKS:	Maintain unobstructed access to all electrical panels.
	Passed - No Violations Noted
	Violations Noted - No Follow-up Warranted
	Failed - Follow-up Required ON://
	OCCUPANT
	INSPECTING OFFICER STATION PHONE NO.

Project Start:10-28-2011 Project Revision:1 Project Champion: Tim Johnson Black/Green Belt: Paul Findley





As of September 1, 2011, anyone performing code enforcement in the Fire Department must be a TCFP certified inspector.



H.B. No. 3866

SECTION 1. Subchapter Z, Chapter 419, Government Code, is amended by adding Section 419.908 to read as follows:

Sec. 419.908. FIRE SAFETY INSPECTIONS. (a) Only an individual certified by the commission as a fire inspector may conduct a fire safety inspection required by a state or local law, rule, regulation, or ordinance.



Define Phase 2. Defect Definition



Project Charter

Due to recent changes in State law, our fire inspection program must be adjusted and updated to maintain compliance.

Project Charter

Project Authorization

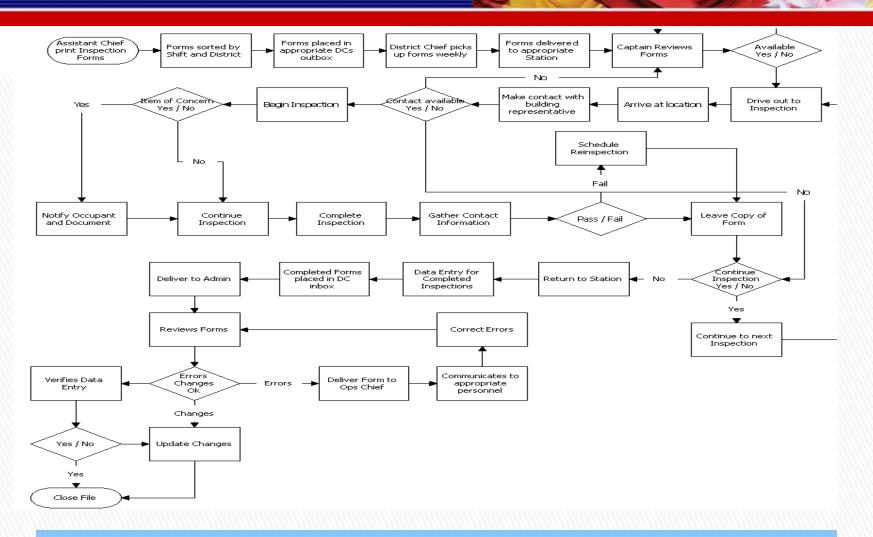
Organization:	Champion:	Process Owner:				
Fire Department	Tim Johnson					
Project:		Project #:				
Fire Department Inspection and	Pre-Fire Planning Program					
Problem Statement:						
The existing inspection program within the Suppression Division requires evaluation and implementation of updates based on recent changes in State law. In addition, there is a low level of employee buy-in, with minimal benefit to the individual employees conducting the work.						
Project Objective:						
Develop a plan and implement a program that increases efficiency with the scheduling and execution of inspections and pre-fire planning of businesses within the individual station districts. In doing so, we should experience the benefits of both time savings and cost savings within the department, while also improving employee participation.						
Estimated Defect Level:	Initial Goal:	Estimated Benefits:				

Estimateu Defect Level.	Initial Goal.	Estimateu benents.
Approval Date:	Champion Signature:	Process Owner Signature:
all a		
Estimated Completion Date:	Project Leader:	Financial Analyst:
	Paul Findley	

Project Team

Name	Role	Comments	Phone
Tim Johnson	Project Champion		903-535-0005
Paul Findley	Project Leader		903-535-0007
Brandon Davis			903-535-0007
Laura Mason			903-535-0007
Marjorie Vallejo			903-535-0007
James Pike			903-535-0005



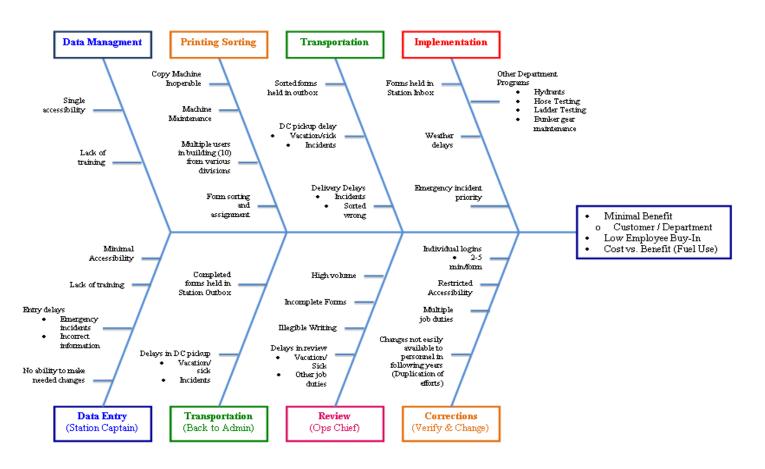


The current process map includes several non-value added steps. These "time traps" are causing delays and further complicating the process.





Title: Cause and Effect Diagram (Fire Inspection Process: Suppression Division)







YX Diagram Summary

Process: Fire Safety Inspections Date: 12/1/2011

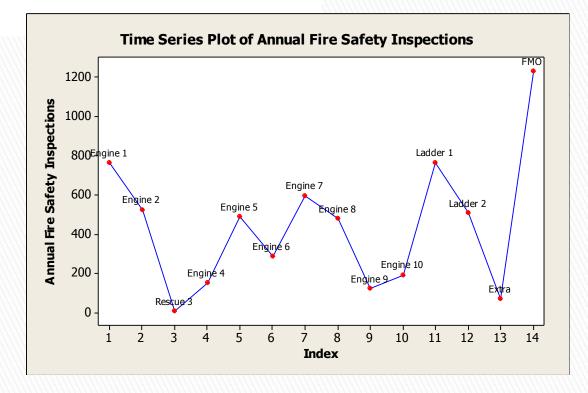
Output Variables			
Description	Weight		
Timely Completion	5		
Accurate Data	9		
Increased FF Knowledge	7		

Input Variables			
Description	Ranking		
Lack of Training	159		
Inability to make data changes	121		
Documentation	117		
Unable to locate property mngr	91		
Addt. Monthly FD Training	65		
Additional FD Program	65		
Emergency Incidents	61		
Machine malfunction	31		
Vacations	31		
Personnel Sick	31		

These are the factors that were identified when evaluating the previous program. We plan to take these into consideration as we continue to develop and implement the new program.



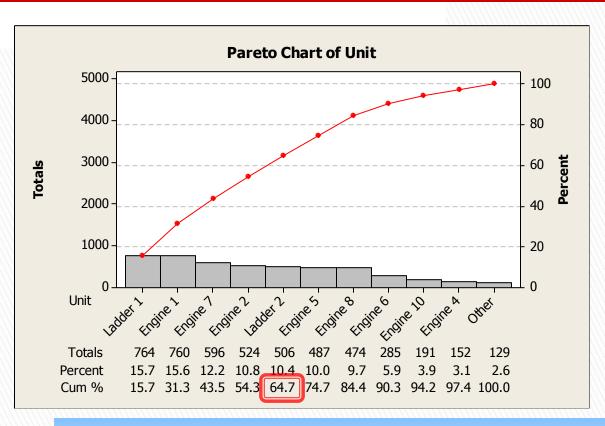




This chart depicts the overall inspection frequencies, sorted by individual units.

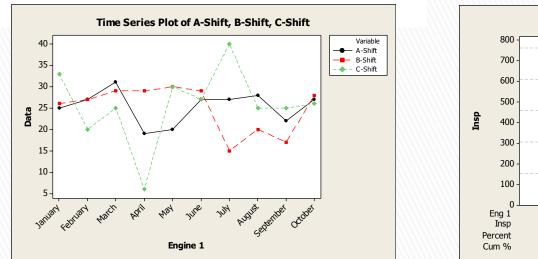


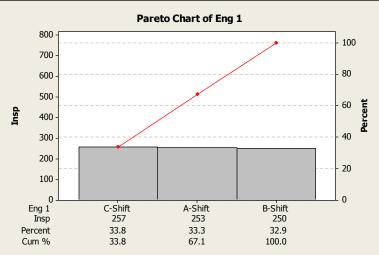




If we consider the totals for the busiest five units, there are three stations completing almost 65% of the inspections.



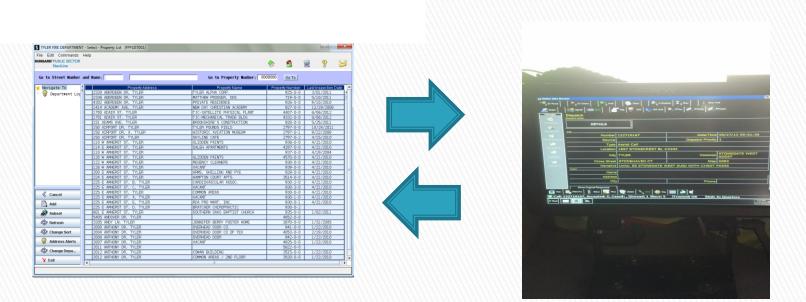




While there is some normalcy between the inspection numbers among the various shifts, we did identify some inconsistencies when analyzing each shift's monthly workload.







Our initial attempt to consolidate the pre-incident planning program with HTE experienced some challenges, and while our long-term goal remains the same, we have not fully been able to develop a system through HTE at this point. This remains an opportunity that we intend to explore as the program progresses.





We met with various regulatory agencies in Austin regarding the impact of recent changes in the law. Question still remain, yet it helped us to clarify what we could do as a department. Hence, the creation and implementation of this new program.



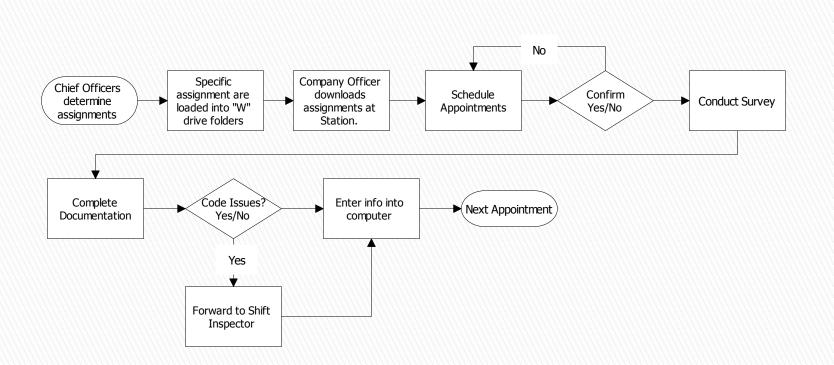






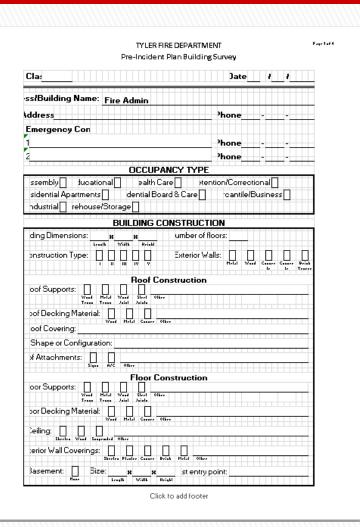
Improve Phase 8. Determine Optimal Solution





Streamlined Process Map





This new form is now available to personnel in an electronic format and will be available for personnel in the field for use during emergency and nonemergency incidents.





Initial training has been completed this week (9-27-2012). Ongoing training will follow as the program continues. The initial pilot program is somewhat smaller in scope, as this will allow for feedback from the field. This feedback will be evaluated and incorporated into the final program.





Next Steps



- Evaluate pilot program
- Follow-up training
- Continue to explore further consolidation between the program and HTE
- Monitor effectiveness
- Finalize procedure



Improve process DNR work orders



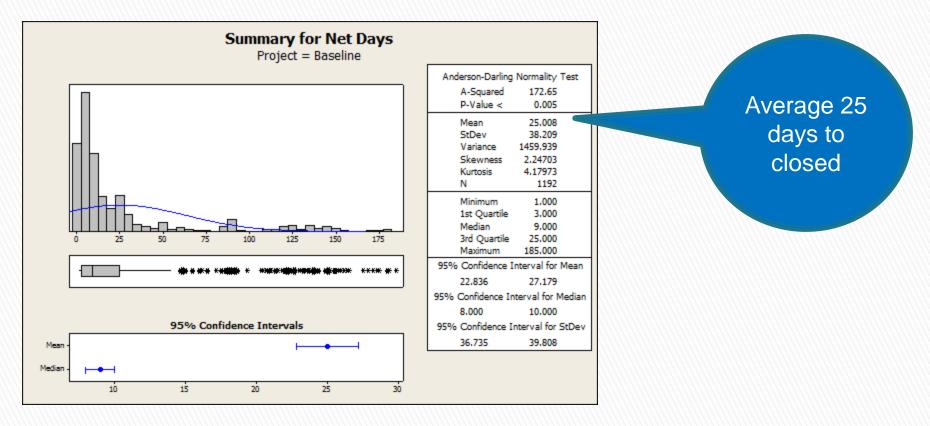
Project Start:10-28-2011 Project Revision:1 Project Champion: Jim Yanker Black/Green Belt: Guillermo Garica



Define Phase 1. Select Output Characteristics



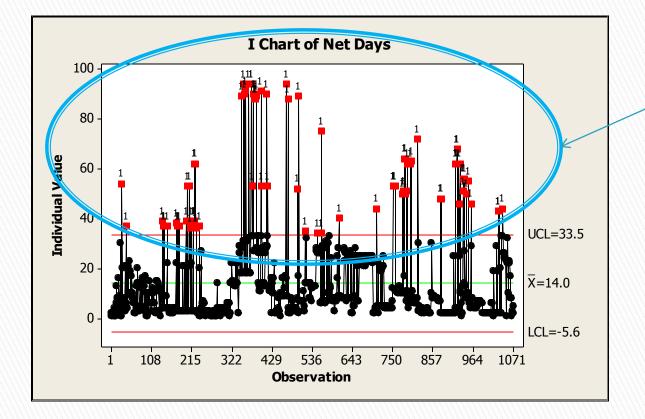
Graphical Summary





Define Phase 1.Select Output Objective





These are the ones that took more than 33 days to close.



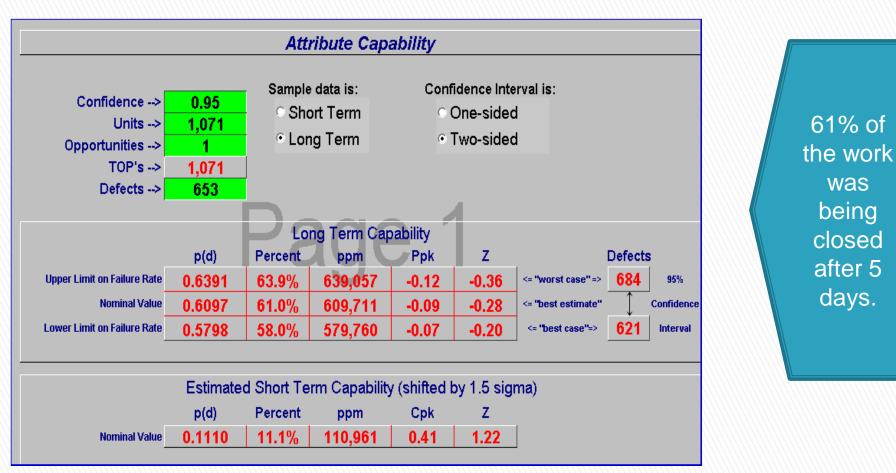


Project Charter		
Project Authorizatio	n	
Organization:	Champion:	Process Owner:
City Of Tyler	Jim Yanker	Joan Roberson
Project:		Project #:
Improve Process DNR Work Or	ders	
Problem Statement:		
performance should be five da revenue as evidence by the t Project Objective:		
Reduce the processing of the	work order to within 5 days.	
Estimated Defect Level:	Initial Goal:	
	Initial Goal.	Estimated Benefits:
922542 ppm		Estimated Benefits:
922542 ppm	Champion Signature:	Estimated Benefits: Process Owner Signature:
922542 ppm Approval Date:		
922542 ppm Approval Date:	Champion Signature:	

The starting average is 25 days. The goal is to reduce time to 5 days.

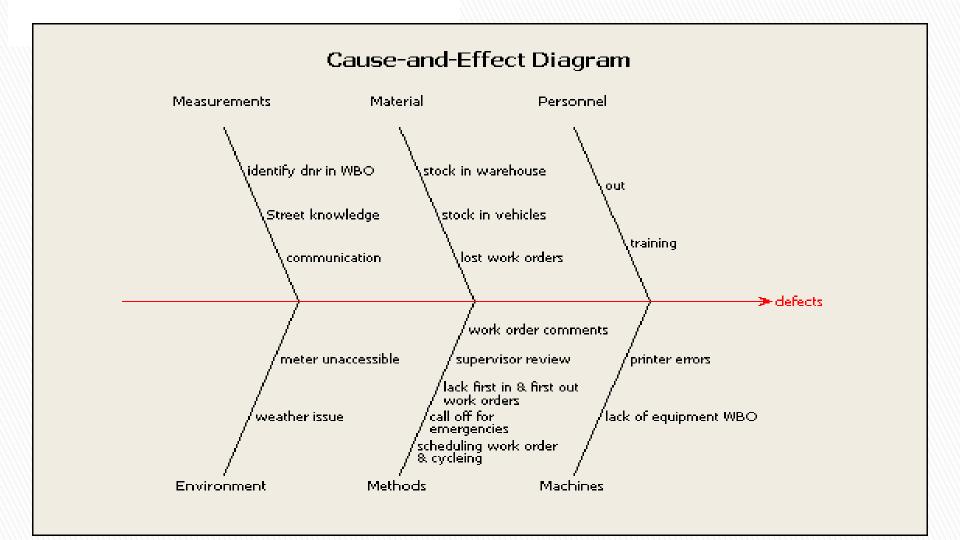








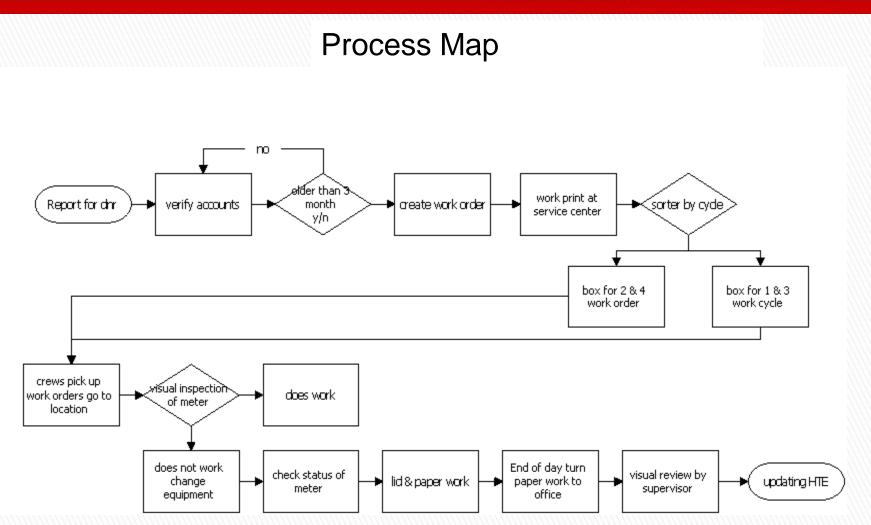






Measure Phase 6. Identify Variation Sources









To help with the flow for the Service Center.

- 1. WBO guys go out to look at the meters first
- 2. Communicate what cycle is being worked on
- 3. Give the Work Orders to the Service Center when they are working on that Cycle

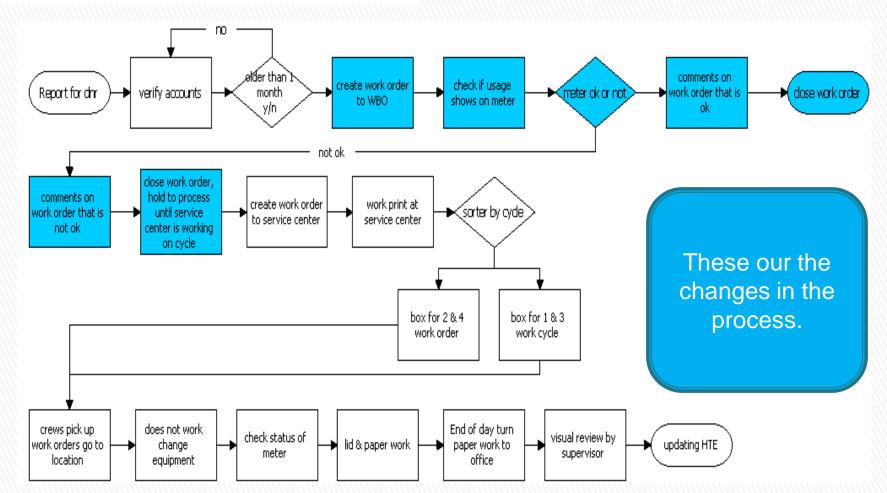




Improve Phase 9. Implement Improvements



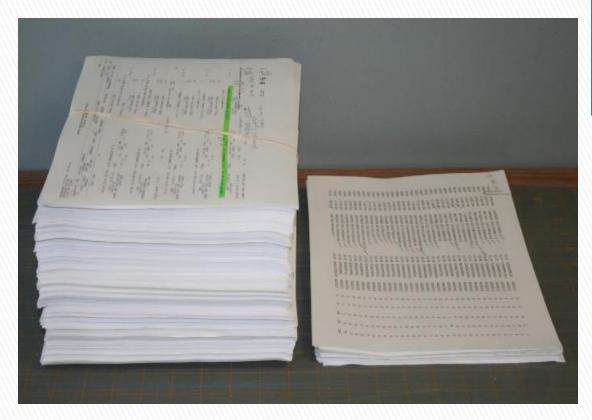
Improve Process Map





Improve Phase9. Implement Improvements



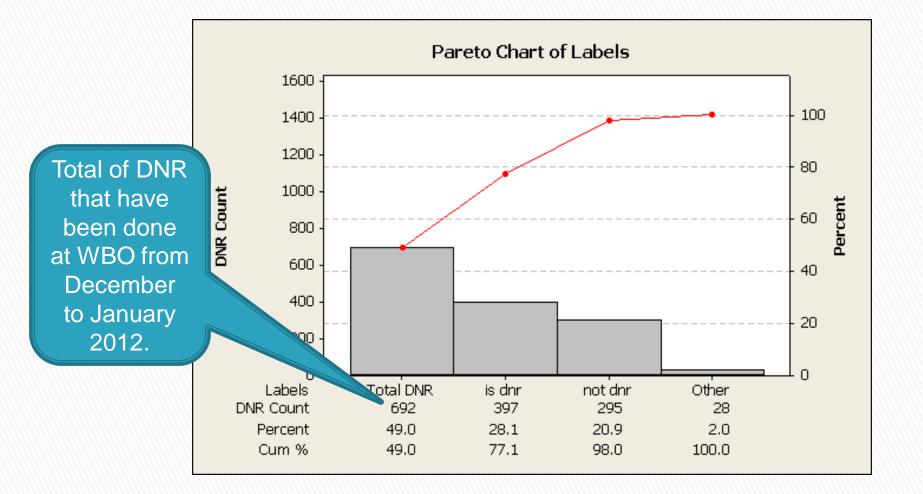


This is the difference between the 2 reports that WBO goes through to do a work orders to check for dnr.

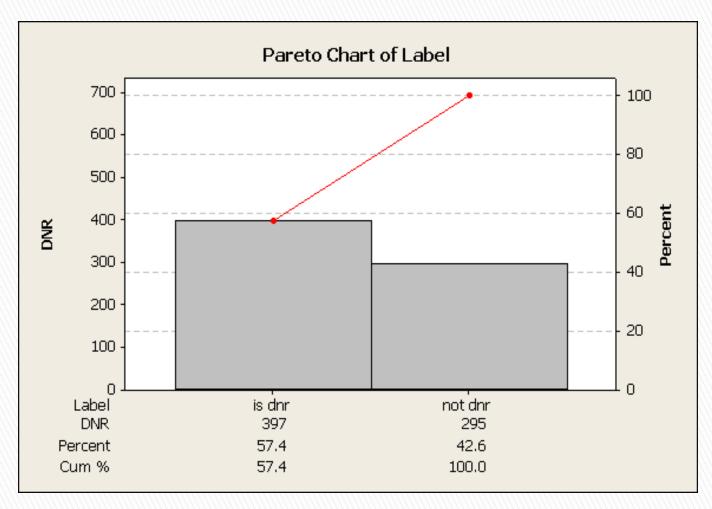


Improve Phase 9. Implement Improvements









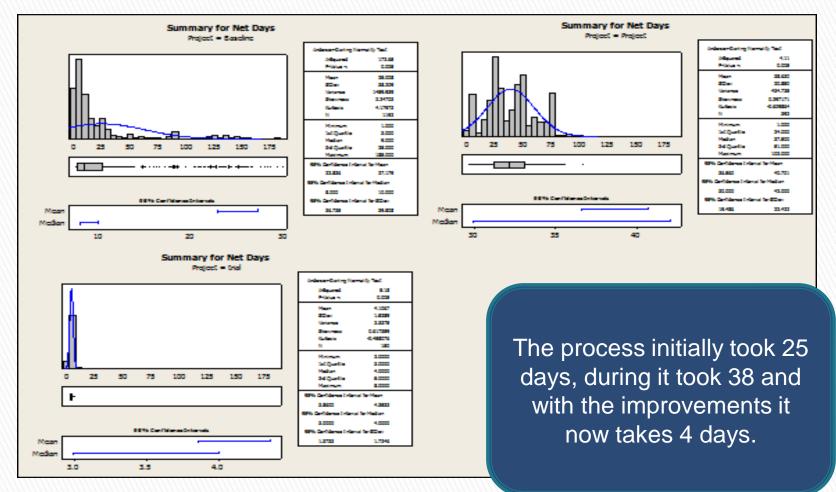
This is all the work orders that would have gone to the Service Center and now we have the WBO check the meters first. It has taken 42% of the work flow away to give them more time.



Improve Phase 10. Validate Measurement System



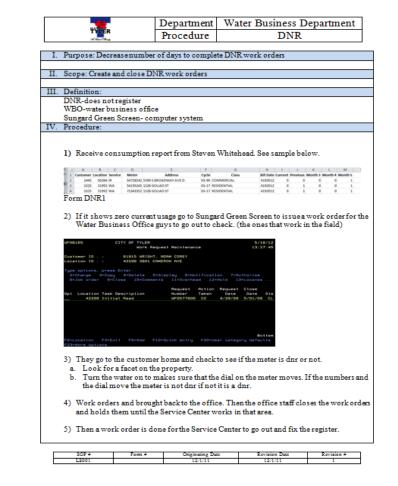
Graphical Summary





Control Phase 12. Implement Process Controls

Procedure Manuel









Savings 12. Implement Process Controls



•

G

	1.1.1.1.1.		
Initial Cost			
Soft Savings			
Hard Savings	\$	14,149	
Total Savings	\$	14,149	
Time Saved (Hrs)		831	

Т١

	Data		Hard Dollar Calculations							Time Savings		
Month	Total DNR	Avg Time	Avg Time for Previous DNR completion	DNR		DN	timate cost if R at Previous npletion rate			Hard Savings		Time Saved (Hrs)
Apr	56	4.11	25	\$	79.52	\$	1,988.00	\$	327	\$	1,661	167
May	40	7	25	\$	56.80	\$	1,420.00	\$	398	\$	1,022	144
Jun	38	3	25	\$	53.96	\$	1,349.00	\$	162	\$	1,187	176
Jul	198	4	25	\$	281.16	\$	7,029.00	\$	1,125	\$	5,904	168
Aug	140	3	25	\$	198.80	\$	4,970.00	\$	596	\$	4,374	176
Sep												
Oct												
Nov												
Dec												
Jan												
Feb												
Mar												

Reducing Police Overtime





Project Start:12-13-2011 Project Revision:1 Project Champion: Rusty Jacks Black/Green Belt: Jimmy Toller



Define Phase



Project Authorization

Organization:	Champion:	Process Owner:							
Police Department	Gary Swindle								
Project:		Project #:							
Police Department Overtime									
Problem Statement:									
As an organization, the Tyler Police Department is experiencing a problem with: Employee Overtime. The area where this problem is occurring is: All Units / Divisions. The problem has existed for at least: 1 Year. The magnitude of the problem is: 109% (\$547,000) of budget and the expected performance is: <= 100% of budget (\$500,000). The effect this problem is having on our organization is: excess overtime costs above the budgeted allocation. This cost the department \$47,000 in FY 2010-11.									
Project Objective:									
The purpose of this project is to identify the cause for the overtime and implement active managment strategies to better utilize available manpower. The goal is to reduce departmental overtime by 10% and come within budget guidelines for FY 2011-2012.									
Estimated Defect Level:	stimated Defect Level: Initial Goal:								
50%	10%	\$54,700							
Approval Date:	Champion Signature:	Process Owner Signature:							
12/12/2011		Russell Jacks							
Estimated Completion Date:	Project Leader:	Financial Analyst:							
2/24/2012	Rusty Jacks								



Define Phase



Project Definition and Scoping

Metrics (unit of measure):

Overtime is tracked by division and reason based on overtime sheets submitted by employees.

Critical to Satisfaction (linkage to customer):

Maintain fiscal responsibility for overtime funds by ensuring that any overtime worked by police department employees is necessary and reasonably unavoidable.

Defect Definition (include opportunity):

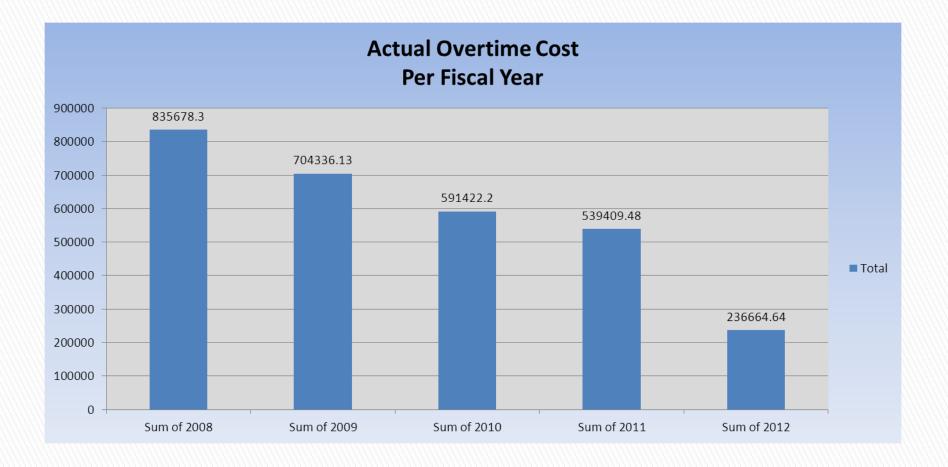
Scheduled or unscheduled overtime worked by police departrtment employees that could have reasonably been avoided through active managment stratagies.

Scope of Project:

Police department overtime related to training, staffing, and working over.



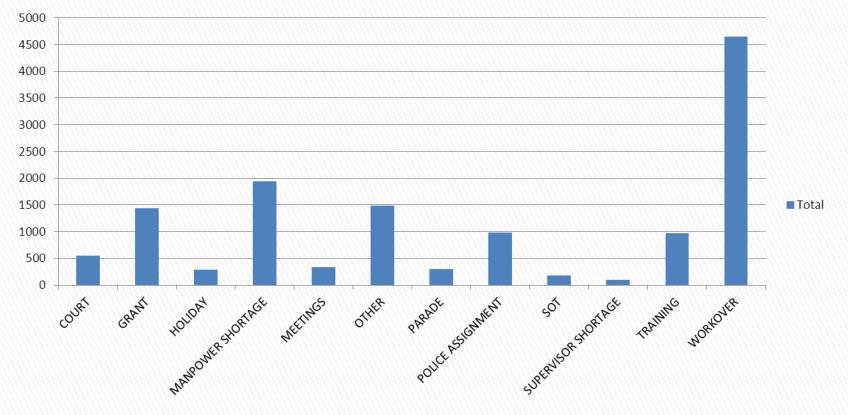
Measure Phase







2010 – 2011 Fiscal Year Overtime Hours / Reasons



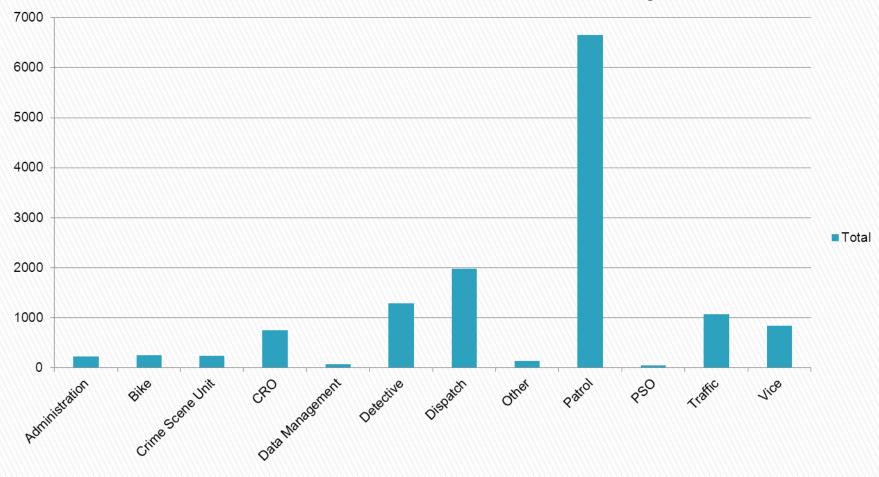


Analyze Phase





2010 – 2011 Fiscal Year Overtime Hours by Unit





Analyze Phase

				YX Di	iagra	m							
Ranking Ranking													
Dama	Process: Police Department Overtime						1	3	5	7	9		
Demo	Date:		12/19/2	2011			I	Unlikely	Some w hat unlikely	Some w hat	Some w hat likely	Most Likely	
			1	2	3	4	5	6	7	8	9	10	1
Delete	Output Variables (Ys)	Descriptio n	Work Over	ining	Officer Shortage	Superviso r Shortage	Dispatch Shortage	Court	Meetings	Call-out			
View	Output Variable	o≊_c Weight		Tra OT	້ວ ລົ	Su Su	S Di	ပိ	Ň	ບິ			
Input Variables (Xs)													Ranking
1 Inefficient Supervision			5	9	3	3	3	1	3	\\1\\	11111	<u>IIII</u>	28
2 Inefficient use of manpower			3	1	7	7	7	1	7	1	//////	11111	34
3 Lax Notification / Approval			9	9	1/1	1/1	1	1	1	(11)	//////	11111	24
4 No Central Accountability			5	5	5	5	5	1	1	3	11111	11111	30
5 Lax Overlap Supervision			5	1	1	1	\\ 1 \\\		1	1	//////		12
6 Intentional Abuse			3	1	1	1	1	1	1	1			10
7 Poor Control Procedures			7	7	1	1	1	1	1	\ 1			20
8 Little Use of Flex Days			1	9	\\1	1	1	1	1	$\langle 1 \rangle$			16
9 Inadequate Staffing			3	1	7	7	7	1	1	1			28
10 Inefficient dispatching			5	1	1	1	1	1	1				12
11 Organizational mindset			3	3	\\1	1	1	1	1	\\1\\			12
12 Officer mindset			3	1	1	\\1	1	1	1	\\1\\			10
13 Major Crime			3	1	1	1	\\ 1 \\	5	0	9			21
14													
15													







- Shift Commanders come in 1 hour prior to their shift in order to manage shift overlap
- Officers must notify the on-coming shift commander as soon as they become aware that they will be working over
- Oncoming shift commander approves the length of the OT, or finds an alternative
- Upon reaching the approved time limit, the officer must either be finished or re-contact the shift commander for more time





 Upon completion of assignment, the OT officer must turn his OT sheet in to the approving shift commander





- Monthly reports will be distributed to all command personnel
- Shift Commanders will be held accountable for overtime related to work over
- Division Commanders will be held accountable for pre-planned overtime
- Individual officers will be held accountable for making proper notifications when scheduling overtime or working over





- Reduce briefing time to 10 minutes or less unless conducting roll-call training
- Set a goal of having officers in service (loaded and signed on in their cars) in 20 minutes or less of shift start
- Change overlap officers radio numbers to end in 7,8,or 9 so that they are easy to distinguish from regular units





- Non-mandatory training Officers will be offered option of flexing out within the same week or not attending the training
- Instructors will be given the option to flex their hours within the same week or having another instructor cover their days off
- Training overtime will have to be approved in advance by the division commander





- Any pre-planed overtime (training, crime watch, special event, etc.) will have to be approved in advance by the appropriate division commander.
- Specialized Units (bikes, CRO, K9, etc.) will utilize flex time within the same work week for events scheduled outside their regular work hours.





 Allow officers who have to work on a city holiday to "holiday out" any other day within the same week







 Overtime sheets will be modified to eliminate confusing codes and better document who approved / scheduled the OT.





- Supervisors will be trained on new procedures and expectations
- Dispatchers will be trained on efficient dispatching at shift change
- Officers will be trained on new notification procedures and expectations



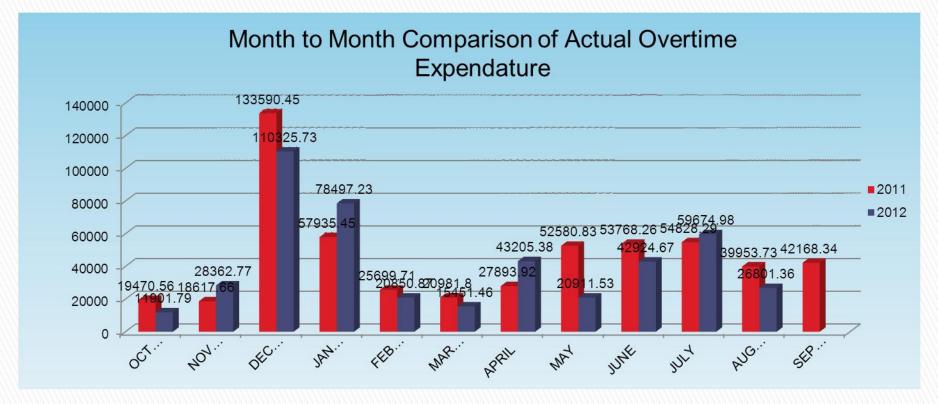
Control Phase



INITIAL COST		0	October-11	914.5	885.02	-29.48	-\$1,387.92	
FY 10-11 Cost	\$547,000.00	No	ovember-11	786	885.02	99.02	\$4,661.86	
Hours	11619.45	De	ecember-11	700	885.02	185.02	\$8,710.74	
Average Cost Per Hr. 10- 11	\$47.08	Ja	anuary-12	501.25	885.02	383.77	\$18,067.8 9	
		Fe	ebruary-12	555.5	885.02	329.52	\$15,513.8 0	
SAVINGS GOAL		ſ	March-12	698.5	885.02	186.52	\$8,781.36	
FY 11-12 Budget	\$500,000.00		April-12	585.28	885.02	299.74	\$14,111.7 6	
Average Cost Per Hr. 10- 11	\$47.08		May-12	640.29	885.02	244.73	\$11,521.8 9	
Estimate Hrs.	10,620.22		June-12	640.04	885.02	244.98	\$11,533.6 6	
Estimate Monthly Hrs.	885.02		July-12	1029.5	885.02	-144.48	-\$6,802.12	
		A	August-12	990	885.02	-104.98	-\$4,942.46	
		Se	ptember-12		885.02		\$0.00	
		0	October-12		885.02		\$0.00	
		No	ovember-12		885.02		\$0.00	
		De	ecember-12		885.02		\$0.00	
		Ja	anuary-12		885.02		\$0.00	
					TOTAL SAVED	1694.36	\$79,770.4 7	



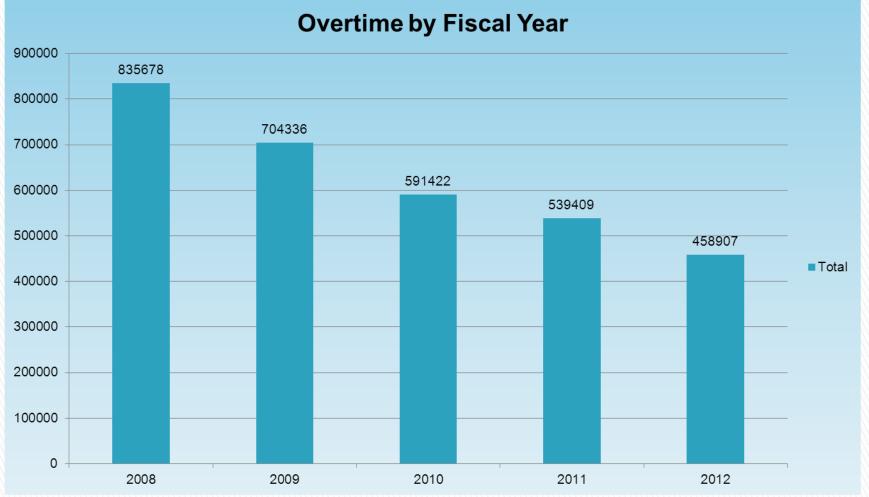


















Year to Date Savings Up to Aug. 31st

\$46,412

