CW-22-17















<section-header> STATE OF THE LOCAL INFRASTRUCTURE (SOTL) Key requirement of all AMPs ICR and Current Need ICR = Inventory, Condition, Replacement Cost What do we own? What condition is it in? How much does it cost? Current Need – long-term (60-year) analysis ETC (Event, Timing, Cost) What Treatment? When? How much will it cost? Assumptions Discrete Inventories Formal Condition vs. Age Based Replacement cost based on 3 year historic costs + soft costs

Question:	CATEGORY	# OF ASSETS
How much do we own?	Facilities and Buildings	109 building
	Roadways - Pavement	1,614 paved k
	Roadways - Bridges & Large Culverts	47 bridge
		93 large culver
	Roadways - Storm Sewer Network	757 km pip
		26,803 structure
	Roadways - Walls (Retaining & Noise)	252 wa
	Roadways - Parking, Traffic Control and Safety	156 parking lo
		36,988 signs and pos
		26,427 streetlights and pla
		120 traffic signa
		231 transit shelters and pac
		22.5 km guiderai
Source data systems:	Parks and Land Improvements	5,052 individual asse
• GIS		136 km linear asse
	Fleet - Vehicles & Equipment	255 vehicle
Excel		780 equipme
VFA	Storm Water Management	26 pond
Avantis		108 km linear creek asse
	IT Services - Hardware	2,190 asse
	IT Services - Software	123 system

		Table XX – Asset Condition Grade System			
 Formal Assessments Vs. Age-Based 		Condition Grade % of U		Jseful Life Remaining	
 Standar 	Standardized Condition Grade system			76% to 100°	
Overall Average Condition is "GOOD"		Good		51% to 759	
		Fair		26% to 509	
	Poor		0% to 25%		
		Very Poor		Less than 09	
	CATEGORY	AVERAGE CON GRADE	IDITION		
	Facilities and Buildings	FAIR			
	Roadways - Pavement	GOOD			
	Roadways - Bridges & Large Culverts	GOOD			
	Roadways - Storm Sewer Network	GOOD			
	Roadways - Pedestrian Network	FAIR			
	Roadways - Walls (Retaining & Noise)	FAIR			
	Roadways - Parking, Traffic Control and Safety	FAIR			
	Parks and Land Improvements	GOOD			
	Fleet - Venicles & Equipment	GOOD			
	Storm Water Management	GOOD			
IT Services - Hardware & Software		GOOD			

SOTLI – REPLACEMENT VALUE

- What is it all worth?
- Total Replacement cost over \$ 2.9 BILLION (+15% from 2013 estimate)

CATEGORY	AVERAGE CONDITION GRADE	EST. REPLACEMENT VALUE	
Facilities and Buildings	FAIR	\$547,696,300	
Roadways - Pavement	GOOD	_	
Roadways - Bridges & Large Culverts	GOOD		
Roadways - Storm Sewer Network	GOOD	\$2,013,335,791	
Roadways - Pedestrian Network	FAIR		
Roadways - Walls (Retaining & Noise)	FAIR		
Roadways - Parking, Traffic Control and Safety	FAIR		
Parks and Land Improvements	GOOD	\$200,306,630	
Fleet - Vehicles & Equipment	GOOD	\$70,598,338	
Storm Water Management	GOOD	\$66,573,650	
IT Services - Hardware & Software	GOOD	\$44,732,000	
TOTAL		\$2,943,242,709	
		\$2,943,242,709	











