CITY OF TAYLORSVILLE UTAH

Project:	Taylorsville Street Light Costs			Date:	10/15/2016
Bid Item	Description	Units	Estimated Quantity	Unit Cost	Estimated Cost
Street Light Replacements					
Total Replacement					
1	Replace Light - Total (Base, Pole, and Lights)	EA	1,260	$3,000.00	$ 3,780,000.00
				Option Total	$ 3,780,000.00
Cost Project Components (Subtotal #2)				$ 3,780,000.00	
Preparation of Final Designs, Specifications and Bidding (5%)				$189,000.00	
Permitting & Mitigation				$0.00	
Title of Opinion				$0.00	
Acquisition of Access and Rights of Way				$0.00	
Pre Construction Costs (Subtotal #1)					$189,000.00
Cost of Project Components (Subtotal #2) See Construction Estimate				$3,780,000.00	
Construction Engneering Cost (Subtotal #2 x 8%)				$302,400.00	
Components and Engineering Cost (Subtotal #3)				$4,082,400.00	
Contingency (Subtotal #3 x 10%)				$408,240.00	
Total Construction Cost (Subtotal #4)					$4,490,640.00
Total Project Cost (Subtotal #1 +Subtotal #4)					$4,679,640.00
Inflation (2% per year)		Year	5		$467,964.00
Total Eigible Project Cost With Inflation					$5,147,604.00

Replacment Period	Cost Per Year	Lights Replaced (Yearly)
10 Year Replacement	$514,760.40	126
15 Year Replacement	$343,173.60	84
20 Year Replacement	$257,380.20	63

FORSGREN Associates Inc.

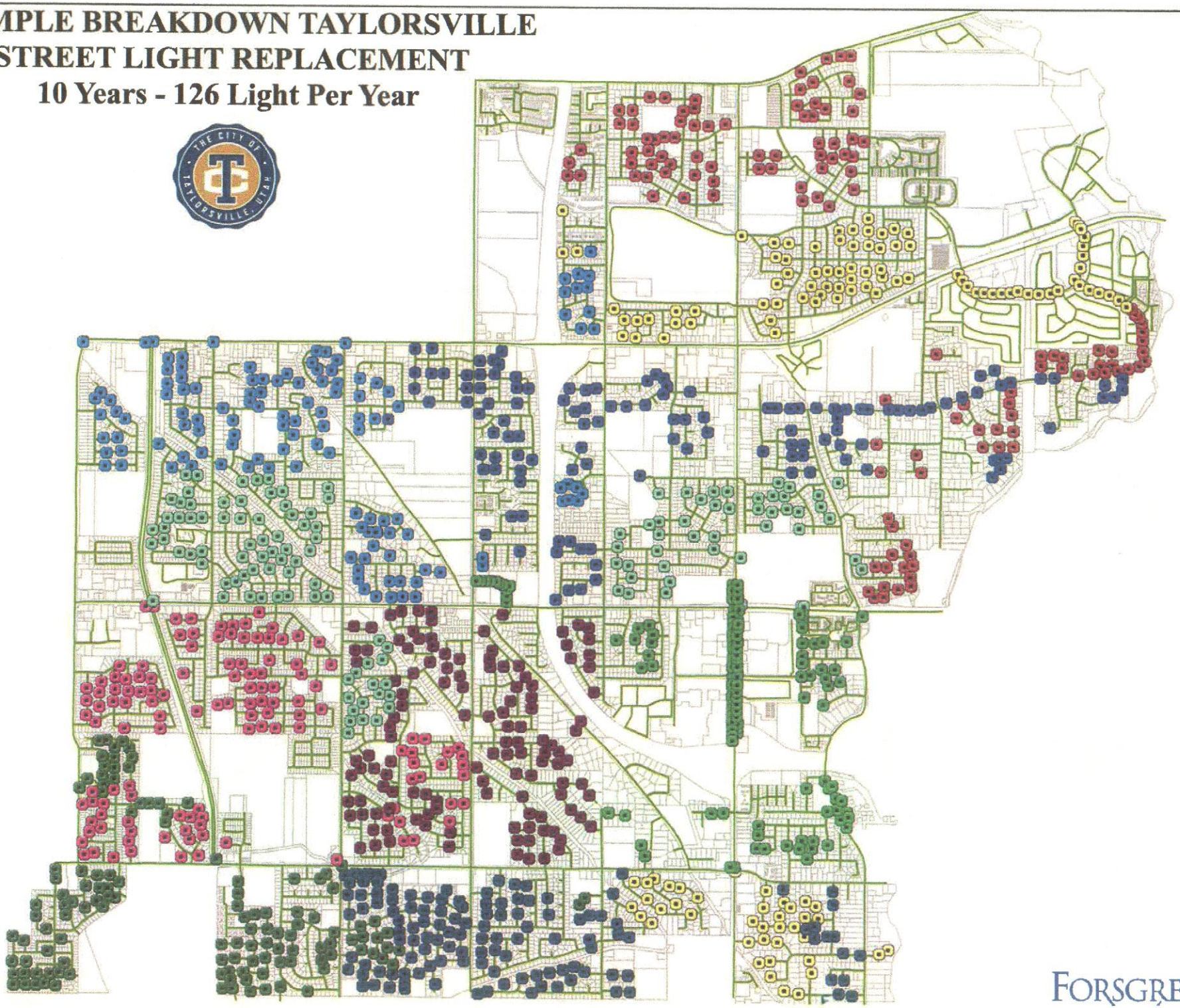
CITY OF TAYLORSVILLE UTAH

Project:	Taylorsville Street Light Costs			Date:	10/15/2016
Bid	Description	Units	Estimated Quantity	Unit Cost	Estimated Cost
Street Light LED Upgrade					
LED Upgrade					
1	LED Upgrade	EA	1,260	$300.00	$ 378,000.00
				Option Total	$ 378,000.00
Cost Project Components (Subtotal #2)				$ 378,000.00	
Preparation of Final Designs, Specifications and Bidding (5				$18,900.00	
Permitting & Mitigation				$0.00	
Title of Opinion				$0.00	
Acquisition of Access and Rights of Way				$0.00	
Pre Construction Costs (Subtotal #1)					$18,900.00
Cost of Project Components (Subtotal #2) See Construction Estimate				$378,000.00	
Construction Engineering Cost (Subtotal #2 x 8%)				$30,240.00	
Components and Engineering Cost (Subtotal #3)				$408,240.00	
Contingency (Subtotal #3 x 10%)				$40,824.00	
Total Construction Cost (Subtotal #4)					$449,064.00
Total Project Cost (Subtotal #1 +Subtotal #4)					$467,964.00
Inflation (2% per year)		Year	1		$9,359.28
Total Eigible Project Cost With Inflation					$477,323.28

Replacment Period	Cost Per Year	Lights Replaced (Yearly)
1 Year Replacement	$477,323.28	1260
5 Year Replacement	$95,464.66	252
10 Year Replacement	$47,732.33	126

FORSGREN Associates Inc

EXAMPLE BREAKDOWN TAYLORSVILLE
STREET LIGHT REPLACEMENT
10 Years - 126 Light Per Year



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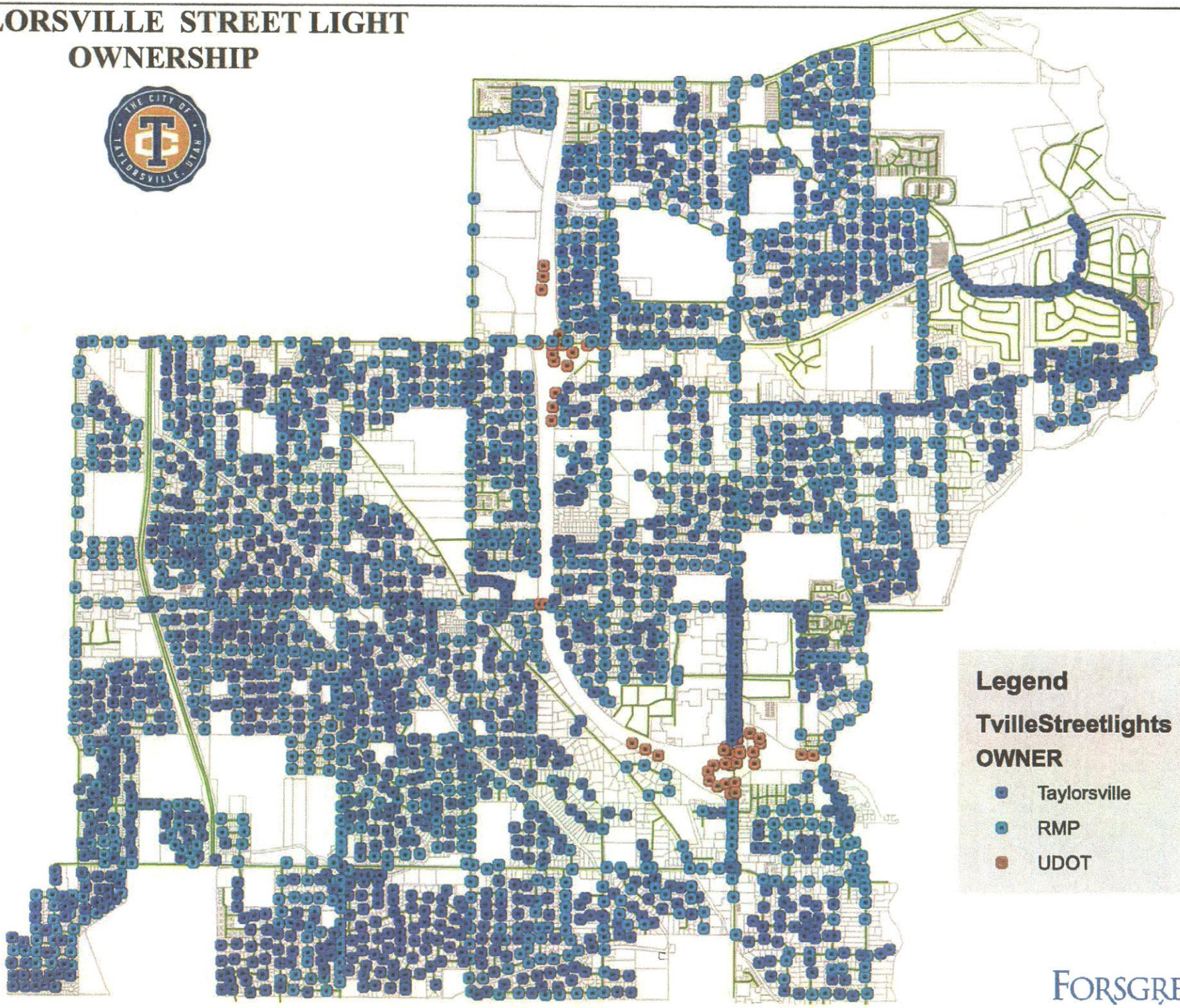
TAYLORSVILLE STREET LIGHT OWNERSHIP



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