



Street Improvement Plan Fiscal Year 2018

City Council Meeting
October 23, 2017

Street Improvement Funding

1. **\$1.8 million** in FY 2017 General Fund Budget - for Yearly Street Maintenance projects covering 347 centerline miles.
 - To maintain and improve neighborhood streets utilizing the prioritization factors
 - To address potholes, utility cut repairs and other maintenance and repairs
2. **\$10 million over 5 yrs** from the 2013 Bond Program for City-wide street projects
 - For work on larger arterial and collector streets
3. **\$39 million** in major bond projects approved by voters
 - Morningside Drive, Rueckle Road, Solms Road and Klein Road

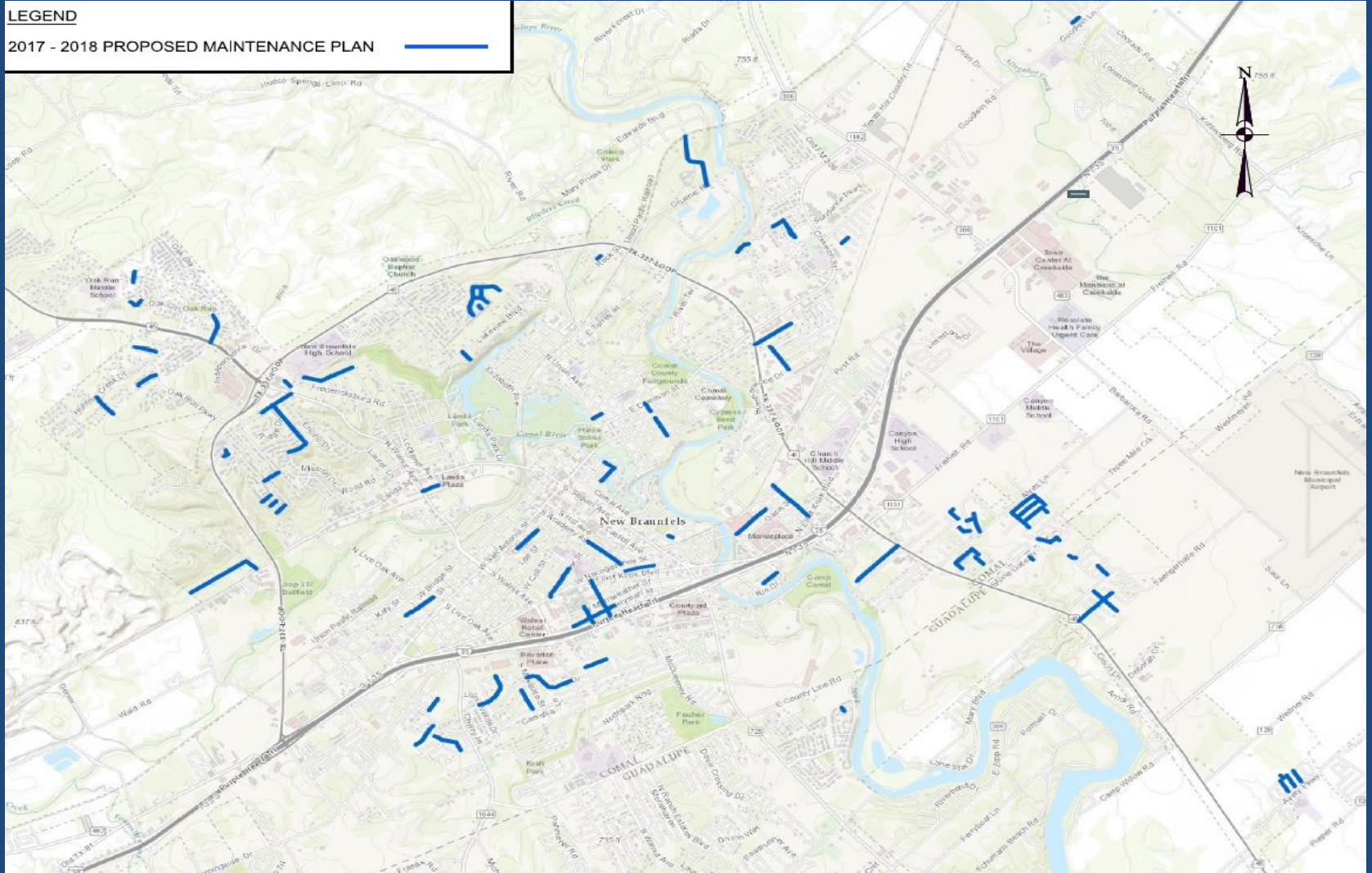
Public Input

- Public Meeting held on May 4th.
- Online Survey from May 4th- May 13th

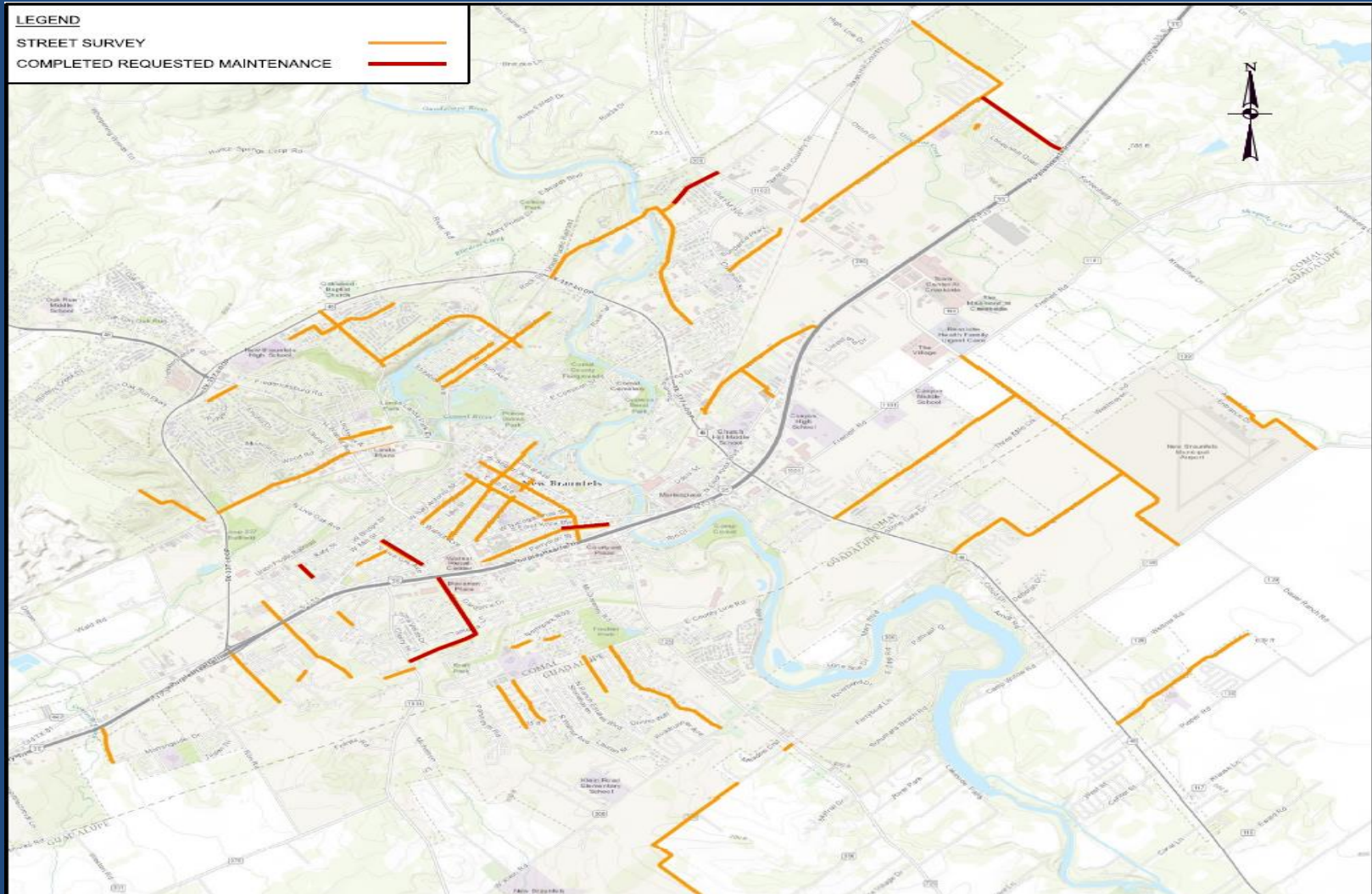
Plan Presented To Public

LEGEND

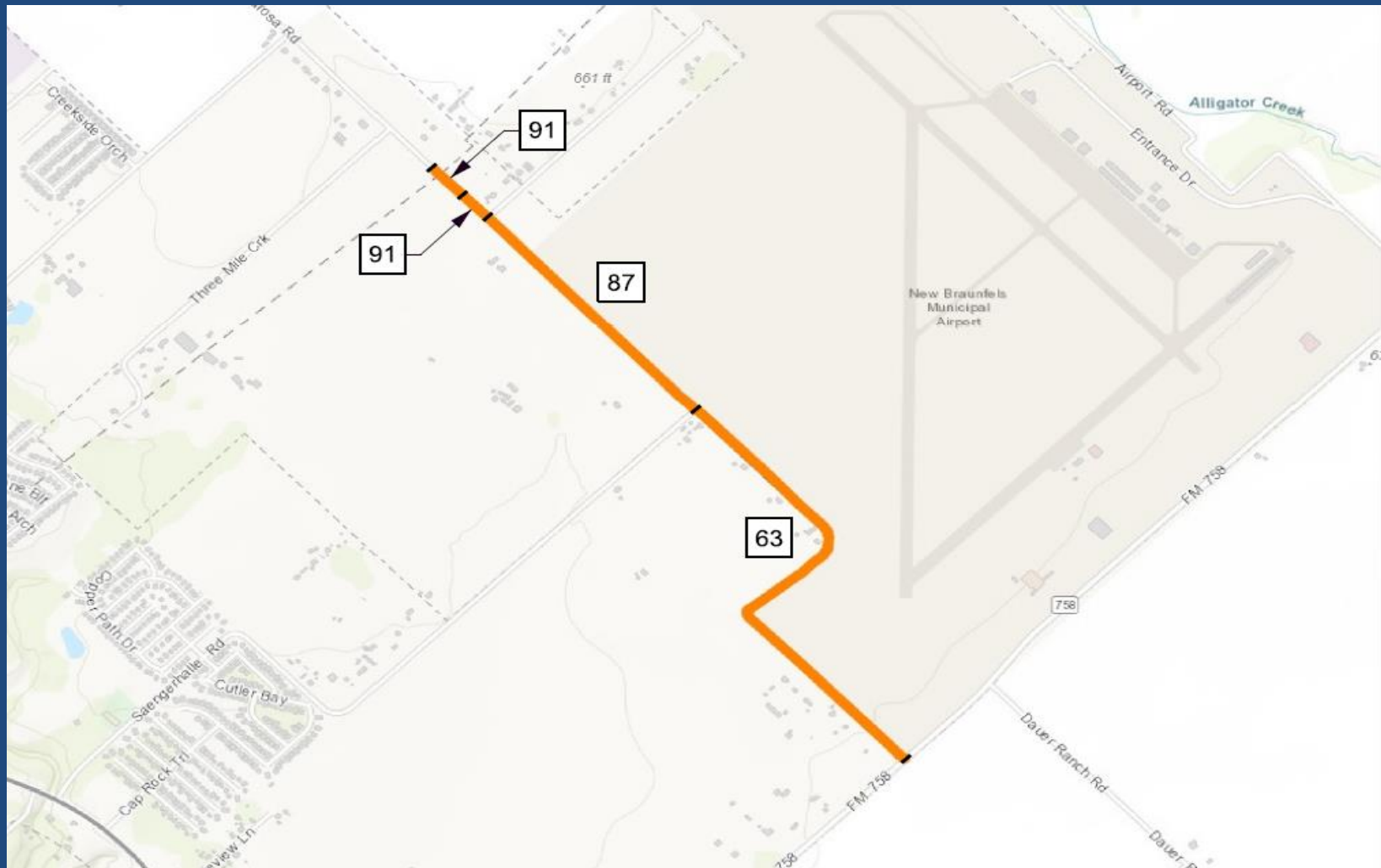
2017 - 2018 PROPOSED MAINTENANCE PLAN



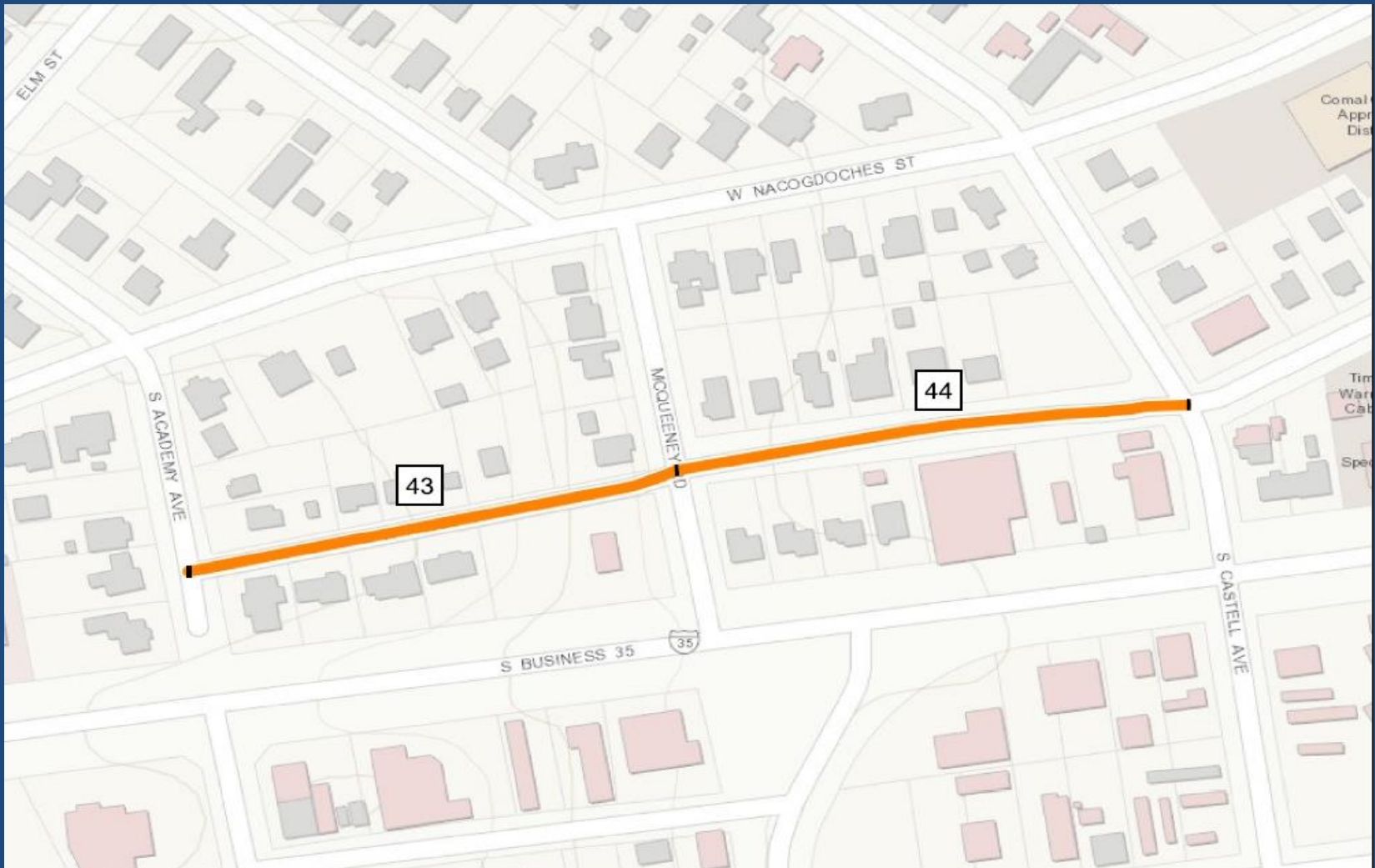
Public Input Map



Saur Lane



Faust Street



2018 Street Improvement Plan

2018 Street Maintenance Plan												
Year	Street	Segment to Segment		Functional Classification	Description of Work	District	OCI	Length (LF)	Width (FT)	Area (Yd2)	Cost per Yd2	Estimated Cost
		From	To									
Mill and Overlay												
2018	Mission Dr	Kerlick Ln	Mission Trace	Local	Mill & Overlay (2")	3	44	1,914	36	7,656	\$ 15.00	\$ 114,840
2018	Kerlick Ln	Ridge Dr.	N Walnut Ave.	Minor Collector	Mill & Overlay (2")	3	38	1,285	37	5,283	\$ 15.00	\$ 79,242
2018	River Acres Dr.	LP 337	Gruene Rd.	Local	Mill & Overlay (2")	4	29	1,511	30	5,037	\$ 15.00	\$ 75,550
2018	Lipan Dr	Alves Ln	Terminus	Local	Mill & Overlay (2")	5	58	786	33	2,882	\$ 15.00	\$ 43,230
2018	Ridgewood Ave.	Church Hill Dr.	Oasis St.	Local	Mill & Overlay (2")	5	17	827	33	3,032	\$ 15.00	\$ 45,485
2018	Misty Acres Dr.	Terminus	SH 46	Local	Mill & Overlay (2")	5	74	2,032	39	8,805	\$ 15.00	\$ 132,080
2018	Cross St.	S. Santa Clara Ave.	Clemens Ave.	Local	Mill & Overlay (2")	6	30	991	40	4,404	\$ 15.00	\$ 66,067
2018	Unicorn Ave.	BS 35	IH 35 SFR	Local	Mill & Overlay (2")	6	35	1,558	34	5,886	\$ 22.00	\$ 129,487
2018	Perryman St	Huisache Ave.	Fern Ave.	Local	Mill & Overlay (2")	6	27	1,621	36	6,484	\$ 15.00	\$ 97,260
2018	Gardenia	Mesquite	Walnut Ave.	Minor Collector	Mill & Overlay (2")	6	34	1,770	40	7,867	\$ 15.00	\$ 118,000
2018	S. Academy Ave.	Butcher St.	W. Nacogdoches St.	Local	Mill & Overlay (2")	6	37	1,450	38	6,122	\$ 15.00	\$ 91,833
Subtotal - Mill and Overlay								15,745	LF	63,458		\$ 993,074
								2.982	Miles			
Year	Street	Segment to Segment		Functional Classification	Description of Work	District	OCI	Length (LF)	Width (FT)	Area (Yd2)	Cost per Yd2	Estimated Cost
		From	To									
Limited Overlay - Contract Services / City Forces												
2018	Rothe Loop	N. Walnut Ave.	Terminus	Local	Limited Overlay	1	36	630	30	2,100	\$ 8.50	\$ 17,850
2018	Valley View Ln	Mission Hills Dr	Twin Oaks Dr	Local	Limited Overlay	3	59	605	28	1,882	\$ 8.50	\$ 15,999
2018	Buttercup Ln	Summerwood Dr	Azalea Ln	Local	Limited Overlay	4	50	1,164	26	3,363	\$ 8.50	\$ 28,583
2018	Wichita Dr	Hueco Dr	Lipan Dr	Local	Limited Overlay	5	20	292	30	973	\$ 8.50	\$ 8,273
2018	Pueblo Circle	Terminus	Caddell Ln	Local	Limited Overlay	5	55	548	30	1,827	\$ 8.50	\$ 15,527
2018	Tonkawa Circle	Terminus	Hueco Dr.	Local	Limited Overlay	5	32	454	26	1,312	\$ 8.50	\$ 11,148
2018	Granada	Seville Dr.	Barcelona Dr.	Local	Limited Overlay	5	21	621	30	2,070	\$ 8.50	\$ 17,595
2018	Porter St.	Wright	Terminus	Local	Limited Overlay	5	55	950	36	3,800	\$ 8.50	\$ 32,300
2018	Ridgewood Ave.	Oasis St.	BS 35	Local	Limited Overlay	5	67	940	33	3,447	\$ 8.50	\$ 29,297
2018	S. Veramendi	E. Dittlinger St.	E. Mather St.	Local	L.O.S. w/Level-up	5	28	805	26	2,326	\$ 8.50	\$ 19,767
2018	Oleander	Marigold Dr.	Heather Ln	Local	Limited Overlay	6	37	864	40	3,840	\$ 8.50	\$ 32,640
2018	Larkspur Dr.	Hollyhock Ln	Loma Verde Ln	Local	Limited Overlay	6	27	342	32	1,216	\$ 8.50	\$ 10,336
2018	Larkspur Dr.	Hollyhock Ln	Narcissus Dr.	Local	Limited Overlay	6	63	1,201	32	4,270	\$ 8.50	\$ 36,297
2018	Sundance St.	Lazy Trail	Sunrise	Local	Limited Overlay	6	44	794	38	3,352	\$ 8.50	\$ 28,496
2018	Butcher	BS 35	Guenther Ave.	Local	Limited Overlay	6	20	1,325	29	4,269	\$ 8.50	\$ 36,290
Subtotal - Limited Overlay - Contract Services / City Forces								11,535	LF	40,047		\$ 340,398
								2.185	Miles			

Maintenance & Repair Strategies

Repairs

- Potholes & Utility Cut

- Blade Level Up - Application of hot mix asphalt (HMA) to smooth roadway and remove rutting

Preventative Maintenance

- Crack Seal – application of a sealant to prevent intrusion of water

- Limited overlay – a 1" HMA overlay on a seal coat

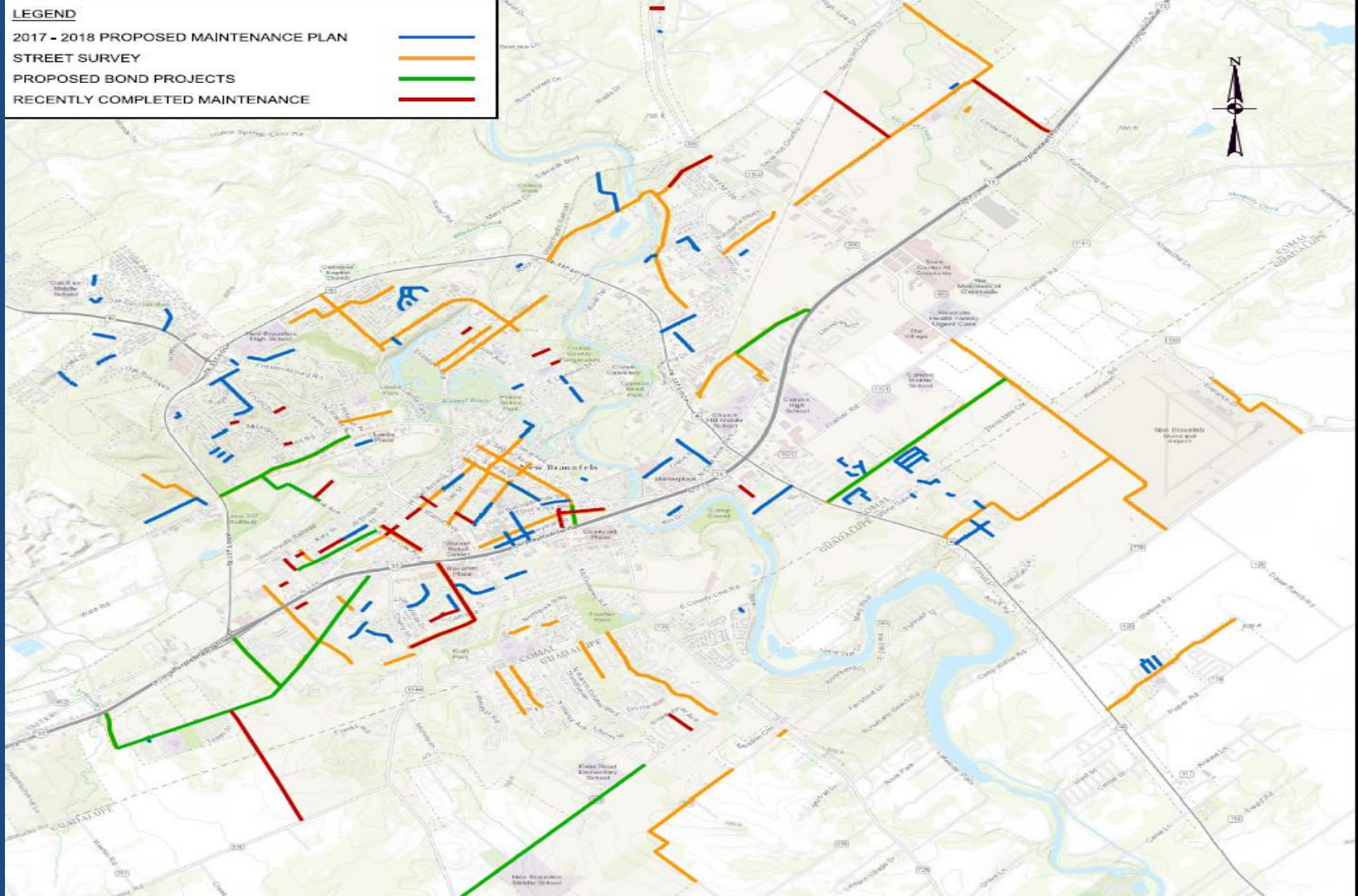
Rehabilitation

- Mill and overlay - spot base repair, mill existing asphalt to level surface and asphalt overlay

Reconstruction

- Requires curb work, subgrade improvements, grade modification, new base, and asphalt surface

General Fund Street Projects Proposed 2018



Questions?