

Parkland County Four Year Road Program

2018 2019 2020 2021



**ENGINEERING
SERVICES**

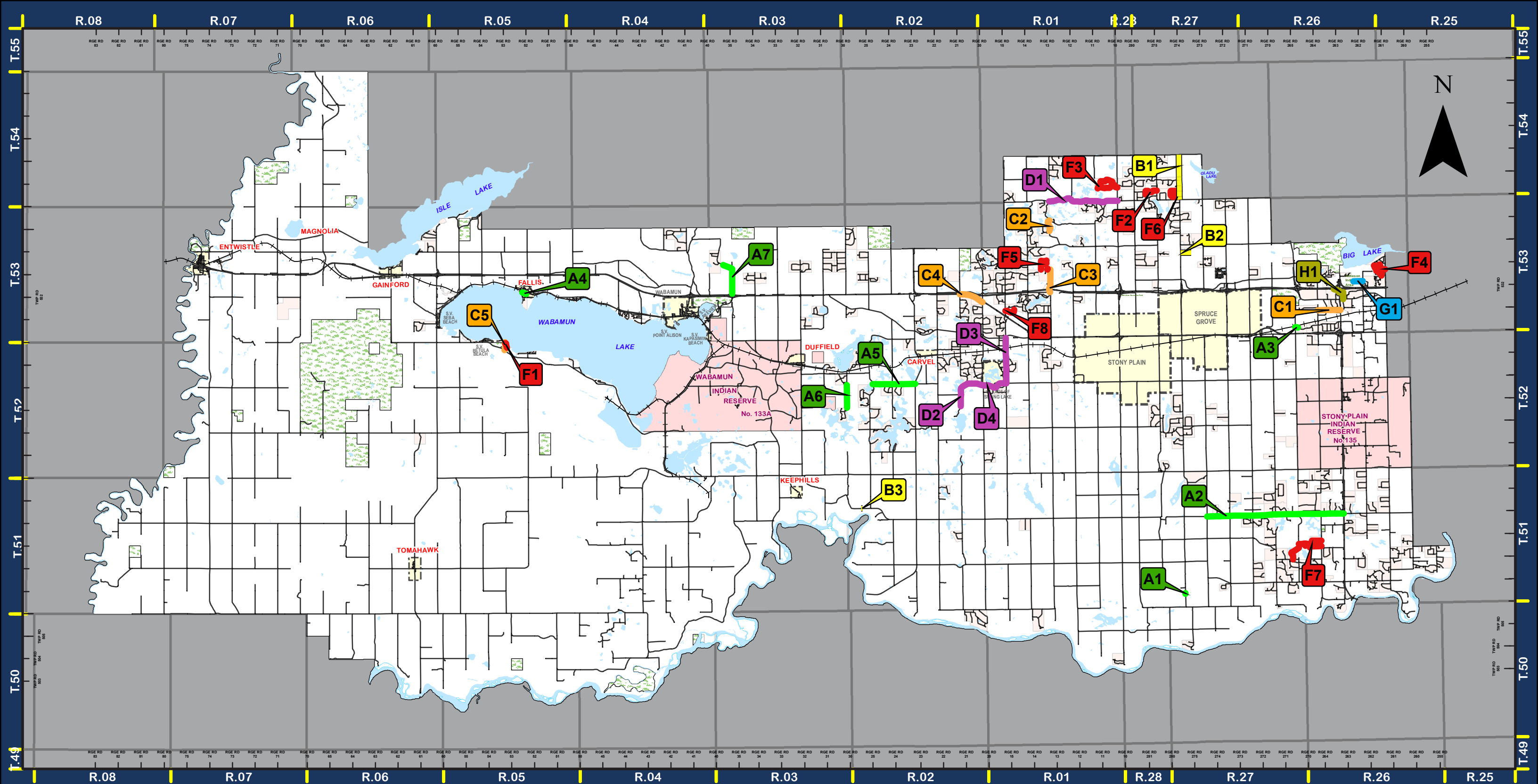


Presented as part of 2018 Budget - November 2017

2018 Road Program

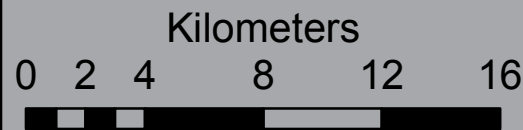
2018 Road Program Project List

	<i>A. DESIGN & LAND ACQUISITION PROJECTS</i>	
A1	Bridge File 82056 (RR 274, 970m North Twp 510)	Design for Bridge Repair
A2	Twp 514 (Woodbend Rd), Hwy 60 to RR 273	Conceptual Design (Upgrade)
A3	Acheson Rd, extend 200m to Spruce Valley Rd	Concept Design (New Road)
A4	Railway Ave Extension, Fallis	Design (New Road)
A5	Twp 524 (Mink Lake Rd), Hwy 770 to RR 25	Collector Road Design + Land Acquisition
A6	RR 30, Twp Rd 524 to Mayatan Subdivision	Gravel Road Design + Land Acquisition
A7	RR 35, Hwy 16 to Twp Rd 533A (Kapaswin Transfer Station)	Gravel Road Design + Land Acquisition
	<i>B. ROAD CONSTRUCTION PROJECTS</i>	
B1	RR 274 (Campsite Rd), Twp 540 to Hwy 633	Reconstruction + Widen
B2	Twp 533A, RR 274 (Campsite Rd) to Cul-de-sac	Reconstruction + ASBC Surfacing
B3	Bridge File 70364 (Twp 514A, 600m West of RR25)	Bridge Repair - Design + Construction
B4	Gravel Spot Repair Program - County Wide	Reconstruction
	<i>C. ASPHALT SURFACING PROJECTS</i>	
C1	Twp 531 (Northview Rd), Hwy 60 to RR 264	ACP Resurfacing
C2	RR 13, Kathmarcam Estates to Twp 535	ASBC Resurfacing
C3	RR 13, Hwy 16 to Mayfair Heights	ASBC Resurfacing
C4	South Service Rd Hwy 16, RR 20 to RR 21	ASBC Resurfacing
C5	RR 53, Sundance Rd to Beaver Bay Estates	ASBC Resurfacing
C6	Next Valid Petition (2)	Local Improvements
	<i>D. SEAL COAT SURFACING PROJECTS</i>	
D1	Twp 540, Hwy 779 to RR13	Seal Coating
D2	RR 21, Twp 523 to 524	Seal Coating
D3	RR 15, Twp 524 to Twp 530	Seal Coating
D4	Twp 524, RR 15 to RR 21	Seal Coating
	<i>E. MISCELLANEOUS PROJECTS TO BE ADDED THROUGHOUT THE YEAR</i>	
	<i>F. SUBDIVISION SURFACING PROJECTS</i>	
F1	Beaver Bay Estates - Krane Watchers Drive, RR 53 to 375m Southeast	Subdivision Preservation - ASBC
F2	Cameron Heights - Cameron Dr, Avco Lane	Subdivision Preservation - ASBC
F3	Cameron Lake Estates - Sherman Dr, Lynn Valley Dr, Ogilvie Dr, Pincherry Lane, Cameron Lake Dr	Subdivision Preservation - ASBC
F4	Helenslea Heath, Helenslea Heath III, Helenslea Estates	Subdivision Preservation - ACP
F5	Mayfair Heights - Mayfair Dr, Mayfair Cres, Mayfair Pl	Subdivision Preservation - ASBC
F6	Panorama Heights - Neumann Crescent	Subdivision Preservation - ASBC
F7	Pine Valley Acres III - Spruce Ave	Subdivision Preservation - ASBC
F7	Pine Valley Acres IV - Bailey Ave, Pine St, Evergreen Dr	Subdivision Preservation - ASBC
F7	Pine Valley Acres - Birch Ave	Subdivision Preservation - ASBC
F8	Roslaire Estates - Roslaire Dr	Subdivision Preservation - ASBC
	<i>G. WATER</i>	
G1	Walker Lake - Lakeshore Waterloop	Concept & Land Acquisition
	<i>H. WASTEWATER</i>	
H1	Acheson Zone 2 Pipe Upsizing/Twinning - Parkland Business Park	Design



Road Program Features 2018

- A. Design & Land Acquisition Projects
- B. Road Construction Projects
- C. Asphalt Surfacing Projects
- D. Seal Coat Surfacing Projects
- F. Subdivision Surfacing Projects
- G. Water
- H. Wastewater



10 TRANSVERSE MERCATOR PROJECTION

Parkland County Road Program 2018



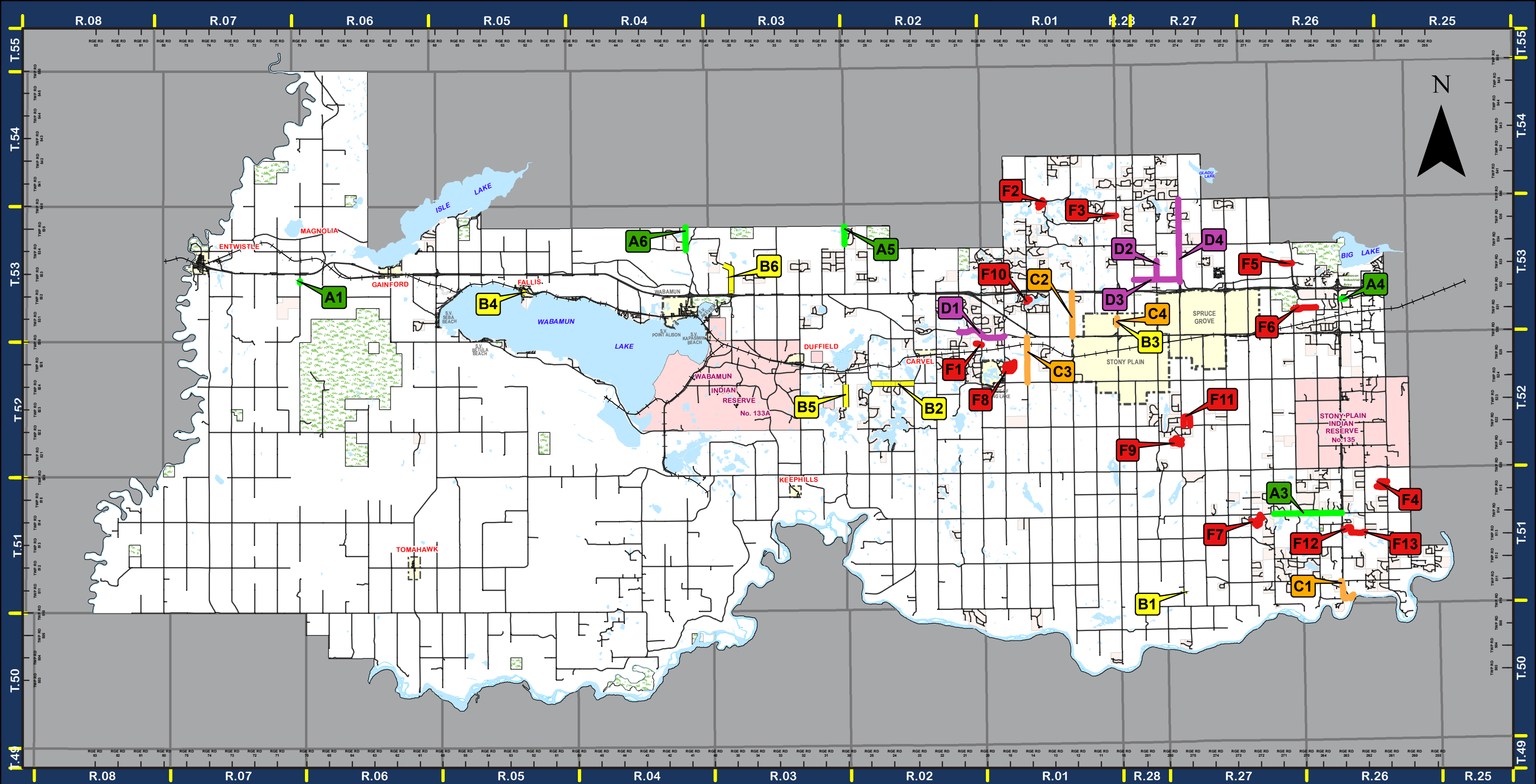
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Drawn By: BAM
Date: 11/6/2017

2019 Road Program

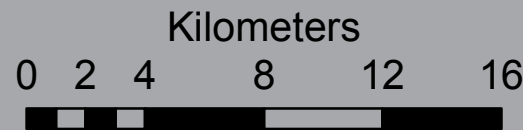
2019 Road Program Project List

	<u>A. DESIGN & LAND ACQUISITION PROJECTS</u>	
A1	Bridge File 09254 (RR70, 500m South Hwy 16)	Design for Bridge Repair
A2	Arterial/Collector Concept Design - TBD	Concept Design
A3	Twp 514 (Woodbend Rd), Hwy 60 to RR 270 (Part 1)	Collector Road Design + Land Acquisition
A4	Twp 531A (114th Ave), 261st Street to 259th Street	Collector Road Design
A5	RR 30 (Meso Rd), Canterbury Estates to Twp 535	Gravel Road Design + Land Acquisition
A6	RR 41, Twp 534 to 535	Gravel Road Design + Land Acquisition
	<u>B. ROAD CONSTRUCTION PROJECTS</u>	
B1	Bridge File 82056 (RR 274, 970m North Twp 510)	Bridge Repair - Design + Construction
B2	Twp 524 (Mink Lake Rd), Hwy 770 to RR 25	Reconstruction
B3	County Facility Parking Lot Extension	Construction + ACP Surfacing
B4	Railway Ave Extension, Fallis	Construction (New Road)
B5	RR 30, Twp Rd 524 to Mayatan Subdivision	Reconstruction
B6	RR 35, Hwy 16 to Twp Rd 533A (Kapaswin Transfer Station)	Reconstruction
	<u>C. ASPHALT SURFACING PROJECTS</u>	
C1	Prospector's Point Rd, Twp 511 (Graminia Rd) to Parking Lot	ACP Resurfacing + base/subgrade repairs
C2	RR 12, Hwy 16 to Hwy 16A	ASBC Resurfacing
C3	RR 14, Parkland Dr to 524	ASBC Resurfacing
C4	County Facility Paving	ACP Resurfacing
C5	Next Valid Petition (2)	Local Improvements
	<u>D. SEAL COAT SURFACING PROJECTS</u>	
D1	Parkland Drive, RR 15 to RR 21	Seal Coating
D2	RR 275, Twp 532A to Westbrook Crescent	Seal Coating
D3	Twp 532A, RR 274 to RR 280	Seal Coating
D4	RR 274 (Campsite Rd), Hwy 16 to Twp 540	Seal Coating
	<u>E. MISCELLANEOUS PROJECTS TO BE ADDED THROUGHOUT THE YEAR</u>	
	<u>F. SUBDIVISION SURFACING PROJECTS</u>	
F1	Blueberry Hills Estates	Subdivision Preservation - ACP
F2	Chickakoo Estates - Mitchell Dr, Chickakoo Dr	Subdivision Preservation - ASBC
F3	Country Lane Estates	Subdivision Preservation - ASBC
F4	Fleming Park - Fleming Dr, Fleming Cres	Subdivision Preservation - ASBC
F5	Harris Acres - Harris Dr	Subdivision Preservation - ASBC
F6	Osborne Acres - Osborne Dr, Osborne Pl, 178m 279th St	Subdivision Preservation - ASBC
F7	Pine Wood - Pine Wood Dr, West Rd, East Rd	Subdivision Preservation - ASBC
F8	Spring Hills - Leslie Lane, Lindsay Lane	Subdivision Preservation - ASBC
F9	Spruce Bluff Estates - Ulmer Dr, Grouse Pt	Subdivision Preservation - ASBC
F10	Valaspen Place South - Valaspen Dr, Aspen Cres	Subdivision Preservation - ASBC
F11	Wesparkdale - Marion Cres	Subdivision Preservation - ASBC
F12	Willow Park - Willow Park Drive	Subdivision Preservation - ASBC
F13	Woodland Acres - Woodland Drive	Subdivision Preservation - ASBC



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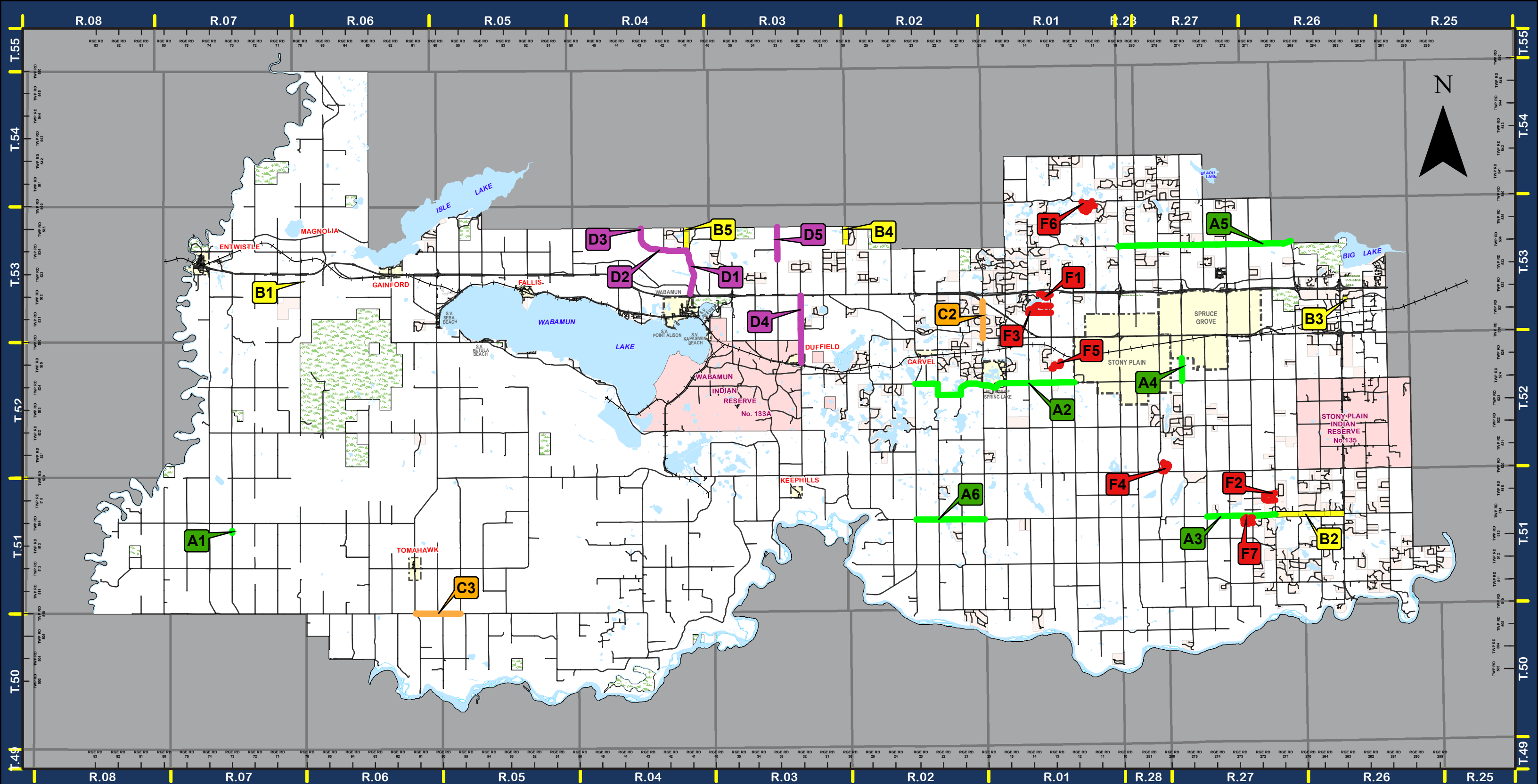
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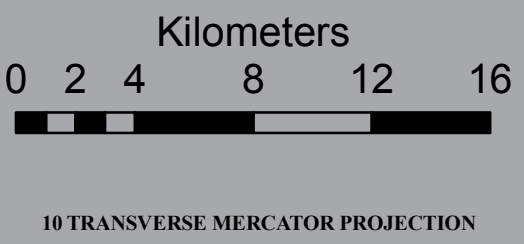
2020 Road Program

2020 Road Program Project List

	<i>A. DESIGN & LAND ACQUISITION PROJECTS</i>	
A1	Bridge File 13218 (RR73, 600m South Twp 514)	Design for Bridge Repair
A2	Twp 524, Stony Plain (RR12 to Hwy 770)	Concept Design
A3	Twp 514 (Woodbend Rd), RR 270 to RR 273 (Part 2)	Collector Road Design + Land Acquisition
A4	RR 274 (Campsite Rd), Hwy 628 to Spruce Grove	Arterial Design + Land Acquisition
A5	Twp 534, Hwy 44 to Hwy 779	Arterial Design + Land Acquisition
A6	Twp 514, RR 20 to Hwy 770	Gravel Road Design + Land Acquisition
	<i>B. ROAD CONSTRUCTION PROJECTS</i>	
B1	Bridge File 09254 (RR70, 500m South Hwy 16)	Bridge Repair - Design + Construction
B2	Twp 514 (Woodbend Rd), Hwy 60 to RR 270 (Part 1)	Reconstruction + Widen
B3	Twp 531A (114th Ave), 261st Street to 259th Street	Reconstruction + Widen + ACP Surfacing
B4	RR 30 (Meso Rd), Canterbury Estates to Twp 535	Reconstruction + ASBC Surfacing
B5	RR 41, Twp 534 to 535	Reconstruction
	<i>C. ASPHALT SURFACING PROJECTS</i>	
C1	Next Rd TBD	ACP Resurfacing
C2	RR 20, Hwy 16A to Parkland Drive	ASBC Resurfacing
C3	Twp 510, RR 55 to Hwy 759	ASBC Resurfacing + base/subgrade repairs
C4	Next Valid Petition (2)	Local Improvements
	<i>D. SEAL COAT SURFACING PROJECTS</i>	
D1	RR 41, Hwy 16 to Twp 534	Seal Coating
D2	Twp 534, RR 41 to RR 43	Seal Coating
D3	RR 43, Twp 534 to Twp 535	Seal Coating
D4	RR 32 (Duffield Rd), Twp 530 to Hwy 16	Seal Coating
D5	RR 33 (Alberta Beach Rd), Twp 533A to 535	Seal Coating
	<i>E. MISCELLANEOUS PROJECTS TO BE ADDED THROUGHOUT THE YEAR</i>	
	<i>F. SUBDIVISION SURFACING PROJECTS</i>	
F1	Clearwater Estates - Robinson Dr, Allan Dr, Beaver Ave	Subdivision Preservation - ASBC
F2	Deer Park II - 1st & 2nd Ave, 1st & 2nd Street	Subdivision Preservation - ASBC
F3	Hubbles Lake - Diamond Dr, Diamond Rd	Subdivision Preservation - ASBC
F4	Lily Lake Estates - Michelle Dr, Michelle Cres, Michelle Close	Subdivision Preservation - ASBC
F5	Maude-West Acres	Subdivision Preservation - ASBC
F6	West Gentry - West Gentry Rd, Parkland Rd & Cres, Lakeview Cres, Hillside Dr, RR11	Subdivision Preservation - ASBC
F7	Whispering Pines - Whispering Pine Dr, Pine St, Spruce St, Valley Dr	Subdivision Preservation - ASBC



- Road Program Features 2020**
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Parkland County Road Program 2020

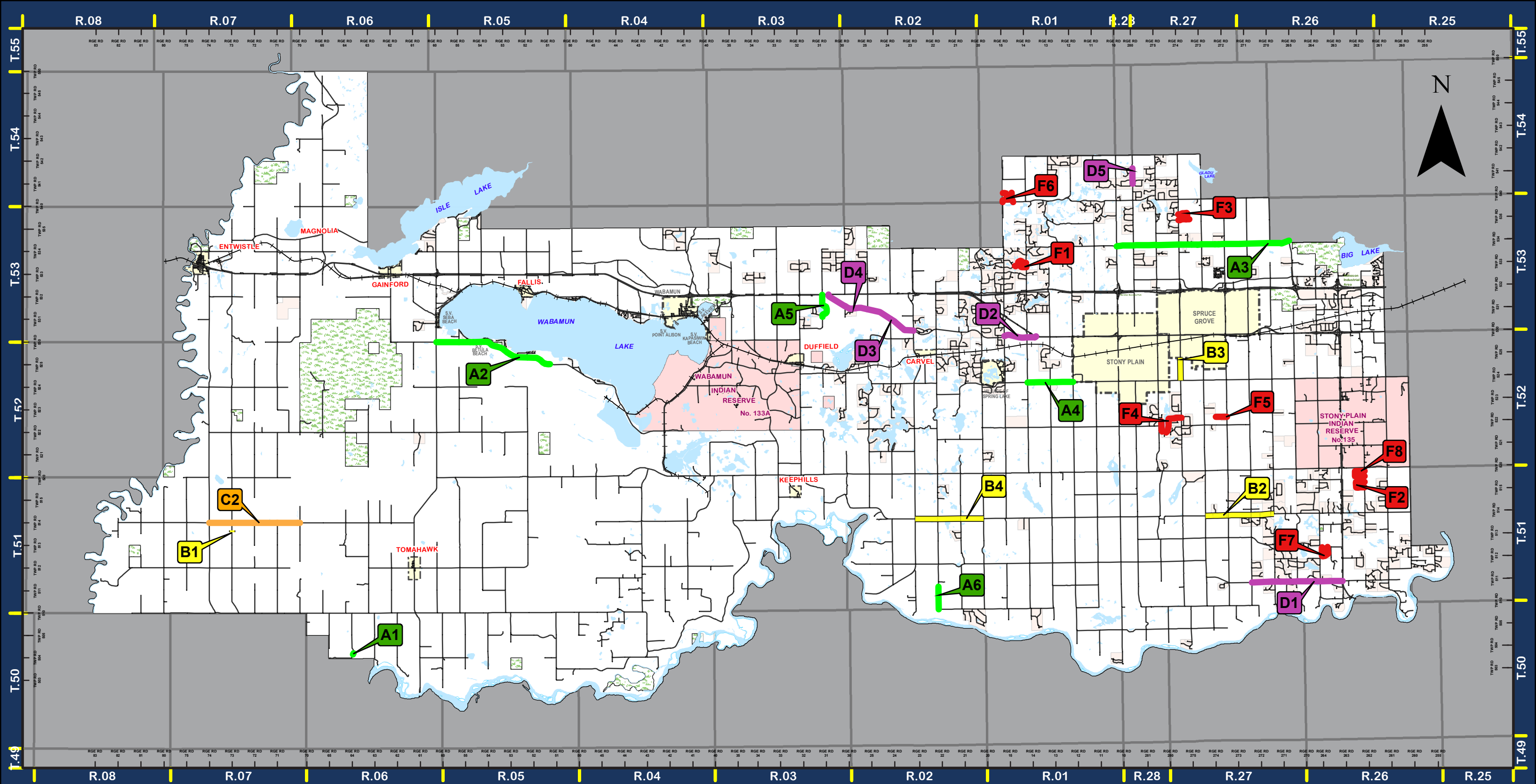
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2021 Road Program

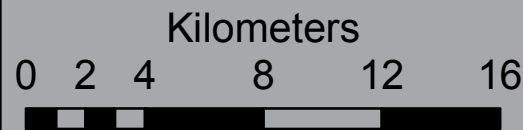
2021 Road Program Project List

Column6	Column7	Column8
	<u>A. DESIGN & LAND ACQUISITION PROJECTS</u>	
A1	Bridge File 70280 (RR64, 300m North Twp 504)	Design for Bridge Repair
A2	Sundance Rd, RR 51 to RR 60	Concept Design
A3	Twp 534, Hwy 44 to Hwy 779	Arterial Design + Land Acquisition
A4	Twp 524, RR12 to RR14 (Phase 1)	Arterial Design + Land Acquisition
A5	RR 31, Twp 531 to Twp 532	Gravel Road Design + Land Acquisition
A6	RR 22, Twp 511 to Twp 510	Gravel Road Design + Land Acquisition
	<u>B. ROAD CONSTRUCTION PROJECTS</u>	
B1	Bridge File 13218 (RR73, 600m South Twp 514)	Bridge Repair - Design + Construction
B2	Twp 514 (Woodbend Rd), RR 270 to RR 273 (Part 2)	Reconstruction + Widen
B3	RR 274 (Campsite Rd), Hwy 628 to Spruce Grove	Reconstruction + Widen + ACP Surfacing
B4	Twp 514, RR 20 to Hwy 770	Reconstruction
	<u>C. ASPHALT SURFACING PROJECTS</u>	
C1	Next Rd TBD	ACP Resurfacing
C2	Twp 514 (Millbank Rd), Hwy 22 to RR 70	ASBC Resurfacing
C3	Next Valid Petition (2)	Local Improvements
	<u>D. SEAL COAT SURFACING PROJECTS</u>	
D1	Twp 511 (Graminia Rd), Hwy 60 to RR 271	Seal Coating
D2	Parkland Drive, Hwy 16A to RR15	Seal Coating
D3	Parkland Drive, Hwy 770 to RR 25	Seal Coating
D4	Parkland Drive, RR25 to Hwy 16	Seal Coating
D5	RR 280, Rolling Heights to Douglas Meadows	Seal Coating
	<u>E. MISCELLANEOUS PROJECTS TO BE ADDED THROUGHOUT THE YEAR</u>	
	<u>F. SUBDIVISION SURFACING PROJECTS</u>	
F1	Aspen Hills - Aspen Dr, Aspen Place	Subdivision Preservation - ASBC
F2	Birch-Hill Park - Birch Hill Dr	Subdivision Preservation - ASBC
F3	Fernwood Estates - Fernwood Dr, Sudavian Cres	Subdivision Preservation - ASBC
F4	Garden Grove Estates	Subdivision Preservation - ASBC
F5	Grove Acres - Bruce Blvd	Subdivision Preservation - ASBC
F6	Patricia Hills	Subdivision Preservation - ASBC
F7	Pine Valley V	Subdivision Preservation - ASBC
F8	Sunset View Acres	Subdivision Preservation - ASBC



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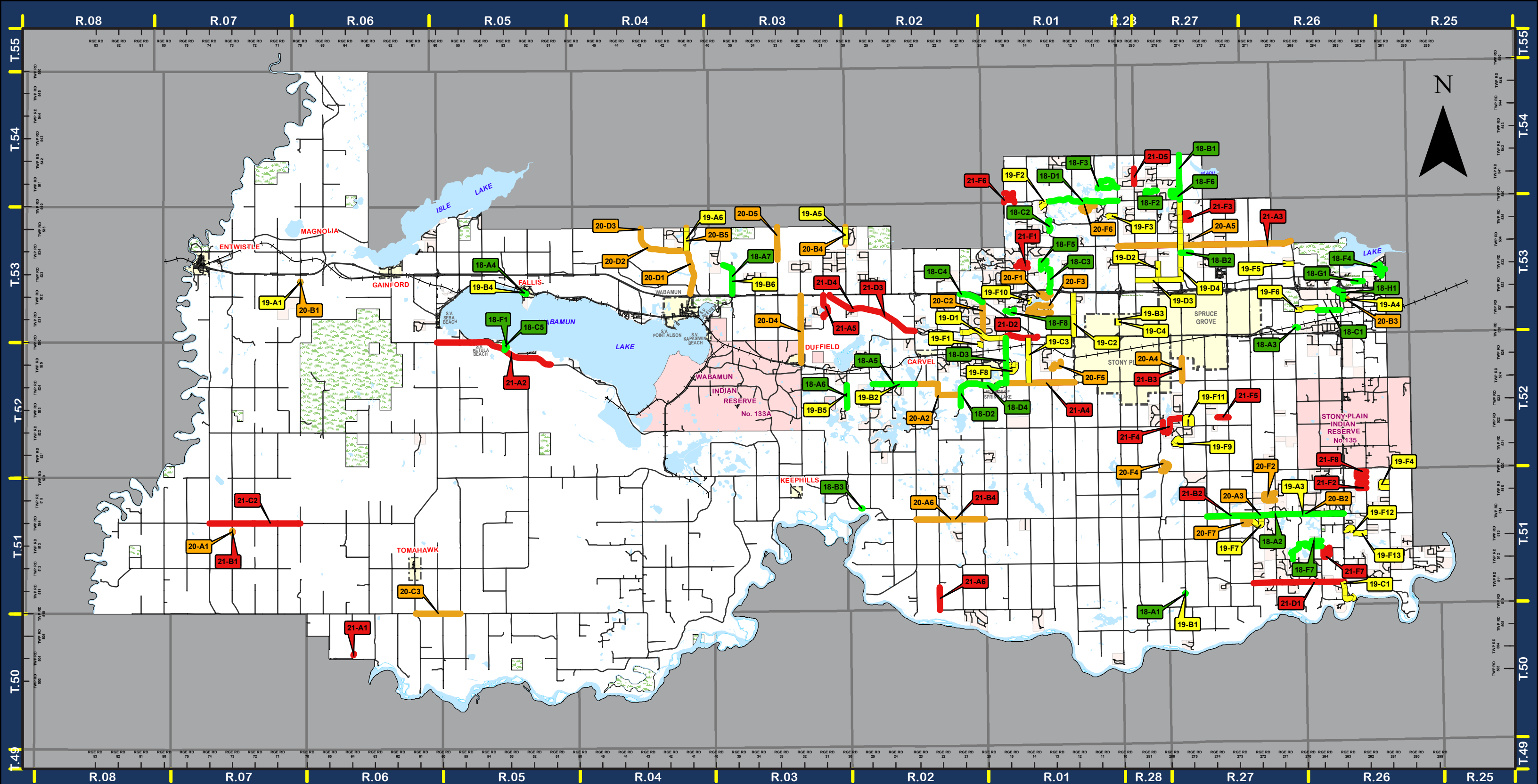
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2018-2021 Road Program

2018-2021 Road Program Project List

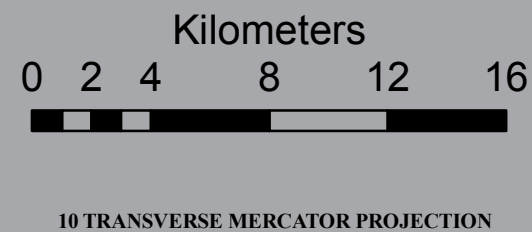
	A. DESIGN & LAND ACQUISITION PROJECTS		
A1	Bridge File 82056 (RR 274, 970m North Twp 510)	Design for Bridge Repair	2018
A2	Twp 514 (Woodbend Rd), Hwy 60 to RR 273	Conceptual Design (Upgrade)	2018
A3	Acheson Rd, extend 200m to Spruce Valley Rd	Concept Design (New Road)	2018
A4	Railway Ave Extension, Fallis	Design (New Road)	2018
A5	Twp 524 (Mink Lake Rd), Hwy 770 to RR 25	Collector Road Design + Land Acquisition	2018
A6	RR 30, Twp Rd 524 to Mayatan Subdivision	Gravel Road Design + Land Acquisition	2018
A7	RR 35, Hwy 16 to Twp Rd 533A (Kapaswin Transfer Station)	Gravel Road Design + Land Acquisition	2018
A1	Bridge File 09254 (RR70, 500m South Hwy 16)	Design for Bridge Repair	2019
A2	Arterial/Collector Concept Design - TBD	Concept Design	2019
A3	Twp 514 (Woodbend Rd), Hwy 60 to RR 270 (Part 1)	Collector Road Design + Land Acquisition	2019
A4	Twp 531A (114th Ave), 261st Street to 259th Street	Collector Road Design	2019
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A6	RR 41, Twp 534 to 535	Gravel Road Design + Land Acquisition	2019
A1	Bridge File 13218 (RR73, 600m South Twp 514)	Design for Bridge Repair	2020
A2	Twp 524, Stony Plain (RR12 to Hwy 770)	Concept Design	2020
A3	Twp 514 (Woodbend Rd), RR 270 to RR 273 (Part 2)	Collector Road Design + Land Acquisition	2020
A4	RR 274 (Campsite Rd), Hwy 628 to Spruce Grove	Arterial Design + Land Acquisition	2020
A5	Twp 534, Hwy 44 to Hwy 779	Arterial Design + Land Acquisition	2020
A6	Twp 514, RR 20 to Hwy 770	Gravel Road Design + Land Acquisition	2020
A1	Bridge File 70280 (RR64, 300m North Twp 504)	Design for Bridge Repair	2021
A2	Sundance Rd, RR 51 to RR 60	Concept Design	2021
A3	Twp 534, Hwy 44 to Hwy 779	Arterial Design + Land Acquisition	2021
A4	Twp 524, RR12 to RR14 (Phase 1)	Arterial Design + Land Acquisition	2021
A5	RR 31, Twp 531 to Twp 532	Gravel Road Design + Land Acquisition	2021
A6	RR 22, Twp 511 to Twp 510	Gravel Road Design + Land Acquisition	2021
	B. ROAD CONSTRUCTION PROJECTS		
B1	RR 274 (Campsite Rd), Twp 540 to Hwy 633	Reconstruction + Widen	2018
B2	Twp 533A, RR 274 (Campsite Rd) to Cul-de-sac	Reconstruction + ASBC Surfacing	2018
B3	Bridge File 70364 (Twp 514A, 600m West of RR25)	Bridge Repair - Design + Construction	2018
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B2	Twp 524 (Mink Lake Rd), Hwy 770 to RR 25	Reconstruction	2019
B3	County Facility Parking Lot Extension	Construction + ACP Surfacing	2019
B4	Railway Ave Extension, Fallis	Construction (New Road)	2019
B5	RR 30, Twp Rd 524 to Mayatan Subdivision	Reconstruction	2019
B6	RR 35, Hwy 16 to Twp Rd 533A (Kapaswin Transfer Station)	Reconstruction	2019
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C6	Next Valid Petition (2)	Local Improvements	2018
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C3	Twp 510, RR 55 to Hwy 759	ASBC Resurfacing + base/subgrade repairs	2020
C4	Next Valid Petition (2)	Local Improvements	2020
C1	Next Rd TBD	ACP Resurfacing	2021
C2	Twp 514 (Millbank Rd), Hwy 22 to RR 70	ASBC Resurfacing	2021
C3	Next Valid Petition (2)	Local Improvements	2021

	<u>D. SEAL COAT SUFACING PROJECTS</u>		
D1	Twp 540, Hwy 779 to RR13	Seal Coating	2018
D2	RR 21, Twp 523 to 524	Seal Coating	2018
D3	RR 15, Twp 524 to Twp 530	Seal Coating	2018
D4	Twp 524, RR 15 to RR 21	Seal Coating	2018
D1	Parkland Drive, RR 15 to RR 21	Seal Coating	2019
D2	RR 275, Twp 532A to Westbrook Crescent	Seal Coating	2019
D3	Twp 532A, RR 274 to RR 280	Seal Coating	2019
D4	RR 274 (Campsite Rd), Hwy 16 to Twp 540	Seal Coating	2019
D1	RR 41, Hwy 16 to Twp 534	Seal Coating	2020
D2	Twp 534, RR 41 to RR 43	Seal Coating	2020
D3	RR 43, Twp 534 to Twp 535	Seal Coating	2020
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D2	Parkland Drive, Hwy 16A to RR15	Seal Coating	2021
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D4	Parkland Drive, RR25 to Hwy 16	Seal Coating	2021
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F6	Panorama Heights - Neumann Crescent	Subdivision Preservation - ASBC	2018
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F7	Whispering Pines - Whispering Pine Dr, Pine St, Spruce St, Valley Dr	Subdivision Preservation - ASBC	2020
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F2	Birch-Hill Park - Birch Hill Dr	Subdivision Preservation - ASBC	2021
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H1	Acheson Zone 2 Pipe Upsizing/Twinning - Parkland Business Park	Design	2018



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- 2018
- 2019
- 2020
- 2021



Parkland County Road Program 2018-2021



parkland
county

Drawn By: BAM
Date: 11/6/2017

1. SURFACED ROAD RECONSTRUCTION

Suggested Guidelines for Criteria Ratings

Rating Criteria		1-2 Guideline	3-4 Guideline	5-6 Guideline	7-8 Guideline	9-10 Guideline
1)	Do Safety Elements and Existing Geometric Road Standards Require Improvement?	No Deficiencies	Minor Alignment Problems or Sight Distance Concerns.	Significant Deficiencies Related to Alignment or Sight Distance, etc.	Major Deficiencies	Major Multiple Deficiencies
2)	Are Maintenance Costs High?	<\$1,000/mile	\$1,000 to \$2,000/mile	\$2,000 to \$3,000/mile	\$3,000 to \$4,000/mile	+\$4,000/mile
3)	Are Traffic Volumes High?	0-250	251-500	501-750	751-1000	+1000
4)	Is this Project of Network Importance to the County?	Access	Local	Minor Collector	Major Collector	Arterial
5)	Is this Project Environmentally and Socially Friendly?	Major Multiple Impacts	Major Impact	Significant Impact	Minor Impact	Negligible Impact
6)	Is there Ratepayer Consensus in the Vicinity of this Project?	Unanimous Opposition	Majority Opposition	Mixed Support/Opposition	Majority Support	Unanimous Support
7)	Is Construction Technically and Economically Feasible?	Major Problems	Serious Problems	Average Difficulty	Minor Problems	Negligible Problems

ROAD PROGRAM WORKSHEET
Updated Aug 2017
Surfaced Road Reconstruction List With Ratings

Division	Type	Roadway		Between	Length (km)	Criteria Ratings								Comments
		Number	Name			Safety & Standards (20%)	Maintenance Costs (20%)	Traffic Volume (25%)	Network Importance (10%)	Friendliness (10%)	Consensus (10%)	Feasibility (5%)	Total (100%)	
5	Reconstruction & ASBC Surfacing	TWP 524	Mink Lake Road	HWY 770- RR25	3.0	7	10	10	6	5	8	5	8.05	Grant Funding Required
3	Widening & ACP Surfacing	RR 274	Campsite Road	TWP540-SH633	3.2	6	6	8	9	7	8	6	7.10	Grant Funding Required
2	Widening & ACP Surfacing	RR 274	Campsite Road	TWP524-SG	1.6	4	6	10	8	4	8	4	6.70	Grant Funding Required
1	Widening & ACP Overlay	TWP 514	Woodbend Road	RR263-270	4.8	5	4	10	7	7	6	6	6.60	Grant Funding Required
1	Widening & ACP Overlay	TWP 514	Woodbend Road	RR270-273	4.9	5	4	10	7	7	6	6	6.60	Grant Funding Required
4	Widening & ASBC Surfacing	TWP 524	79TH Avenue	RR12-15	4.8	3	6	10	10	5	6	4	6.60	Grant Funding Required
6	Widening & ASBC Surfacing	TWP 530	Sundance Road	RR51-53	3.5	4	10	5	8	6	7	5	6.40	Grant Funding Required
6	Widening & ASBC Surfacing	TWP 530	Sundance Road	RR53-60	5.0	4	10	5	8	6	7	5	6.40	Grant Funding Required
2 & 3	Widening & ACP Surfacing	TWP 534		RR 271A to RR 274	6	5	10	4	10	6	5	5	6.35	Grant Funding Required
2 & 3	Widening & ACP Surfacing	TWP 534		RR 274 to Hwy 779	2.8	6	10	2	10	6	5	4	6.00	Grant Funding Required
2 & 3	Widening & ACP Surfacing	TWP 534		Hwy 44 to RR 271A	3.5	4	10	2	10	6	5	5	5.65	Grant Funding Required
3	Reconstruction & ACP Surfacing	TWP 540		Hwy 779 - RR14	8	7	2	10	6	5	7	4	6.30	Grant Funding Required
3	Reconstruction & ASBC Surfacing	TWP 540		RR274-275	1.8	3	5	10	6	6	7	5	6.25	Grant Funding Required
5	Reconstruction & ASBC Surfacing	RR 41		TWP532-534	1.6	6	4	7	6	8	7	7	6.20	Grant Funding Required
3	Reconstruction & ASBC Surfacing	TWP 540		RR275-280	1.7	6	2	8	6	6	7	5	5.75	Grant Funding Required
5	Reconstruction & ASBC Surfacing	RR 32	Duffield Road	TWP520-CN	7.9	8	2	6	9	4	6	4	5.60	Grant Funding Required
4	Reconstruction & ASBC Surfacing	SRS TWP532		RR13-13A	0.8	10	4	2	4	8	7	6	5.50	Grant Funding Required
1	Widening & ACP Overlay	TWP 511	Graminia Road	RR261-263	3.2	5	2	8	6	6	6	4	5.40	Grant Funding Required
3	Reconstruction & ASBC Surfacing	TWP 540		SH779-RR280	1.6	4	2	8	6	5	6	5	5.15	Grant Funding Required
1	Reconstruction & ASBC Surfacing	RR 261	Fleming Road	TWP511-512A	2.3	4	3	7	6	4	5	5	4.90	Grant Funding Required
1	Widening & ACP Overlay	TWP 514	Woodbend Road	RR260-263	4.8	4	2	6	6	5	5	4	4.50	Grant Funding Required
4	Reconstruction & ASBC Surfacing	RR 21	Sundown Road	CN-Park. Dr.	1.6	7	1	5	4	3	5	4	4.25	Grant Funding Required

 2018 Road Program Project

 2019 Road Program Project

 2020 Road Program Project

 2021 Road Program Project

 Within 10 Years

2. GRAVEL RECONSTRUCTION

Suggested Guidelines for Criteria Ratings

Rating Criteria		1-2 Guideline	3-4 Guideline	5-6 Guideline	7-8 Guideline	9-10 Guideline
1)	Do Safety Elements and Existing Geometric Road Standards Require Improvement?	No Deficiencies	Minor Alignment Problems or Sight Distance Concerns.	Significant Deficiencies Related to Alignment or Sight Distance, etc.	Major Deficiencies	Major Multiple Deficiencies
2)	Are Maintenance Costs High?	<\$1,000/mile	\$1,000 to \$2,000/mile	\$2,000 to \$3,000/mile	\$3,000 to \$4,000/mile	+\$4,000/mile
3)	Are Traffic Volumes High?	0-50	51-150	151-250	251-400	+401
4)	Is this Project of Network Importance to the County?	Access	Local	Minor Collector	Major Collector	Arterial
5)	Is this Project Environmentally and Socially Friendly?	Major Multiple Impacts	Major Impact	Significant Impact	Minor Impact	Negligible Impact
6)	Is there Ratepayer Consensus in the Vicinity of this Project?	Unanimous Opposition	Majority Opposition	Mixed Support/Opposition	Majority Support	Unanimous Support
7)	Is Construction Technically and Economically Feasible?	Major Problems	Serious Problems	Average Difficulty	Minor Problems	Negligible Problems

ROAD PROGRAM WORKSHEET
Updated Aug 2017
Gravel Road Reconstruction Project List With Ratings

Division	Type	Roadway		Between	Length (km)	Criteria Ratings								Comments
		Number	Name			Safety & Standards (20%)	Maintenance Costs (20%)	Traffic Volume (25%)	Network Importance (10%)	Friendliness (10%)	Consensus (10%)	Feasibility (5%)	Total (100%)	
5	Reconstruction	RR 41		TWP534-535	1.6	5	7	8	4	7	7	4	6.40	Grant Funding Required
5	Reconstruction	RR 30	Meso Rd	Cantebury Estates North	1.3		7	9	6	8	8	8	6.25	Grant Funding Required
5	Reconstruction/ Spot Base Rehab	TWP 530		RR25 - RR23	3.4	6	7	7	4	5	5	5	6.00	Grant Funding Required
5	Reconstruction/Spot Base Repair	RR25		TWP524A-530	2.6	5	7	5	6	7	7	5	5.90	Grant Funding Required
5	Reconstruction	RR 35		Hwy 16 - TWP 533A	2.3	4	5	8	4	5	7	4	5.60	Grant Funding Required
5	Reconstruction	RR30		TWP524A-Mayatan	2.6	6	7	4	4	7	6	5	5.55	Grant Funding Required
2	Reconstruction/ Spot Base Rehab	RR 270	Sandhills Rd	Hwy 628 to Twp 530		4	7	8	5	3	4	3	5.55	Grant Funding Required
5	Reconstruction	RR22		TWP510-511	0.8	9	6	4	3	5	5	5	5.55	Grant Funding Required
4	Reconstruction/ Spot Base Rehab	TWP 510	Correction Road	RR13-20	4.8	5	7	4	4	7	7	5	5.45	Grant Funding Required
6	Reconstruction/ Spot Base Rehab	TWP 522		Hwy 22 to Hwy 759	14.8	5	7	5	8	3	4	5	5.40	Grant Funding Required
4 & 5	Reconstruction	TWP 514	Woodbend Rd	RR 20 to Hwy 770	4.8	7	8	2	4	5	5	8	5.30	Grant Funding Required
4	Reconstruction/ Spot Base Rehab	RR 13		TWP512-514	3.2	4	7	4	4	7	7	6	5.30	Grant Funding Required
6	Reconstruction	TWP 512		RR75-80	1.6	5	7	4	3	7	6	6	5.30	Grant Funding Required
6	Reconstruction	TWP 512		RR74-75	1.6	5	7	4	3	7	6	6	5.30	Grant Funding Required
6	Reconstruction	RR 73		South of TWP 534	0.4	9	6	2	4	6	5	4	5.20	Grant Funding Required
5	Reconstruction	RR 42		TWP534-535	1.6	7	4	3	6	7	6	5	5.10	Grant Funding Required
4	Reconstruction/ Spot Base Rehab	RR 11		Hwy 627 North 500m	0.5	5	7	4	4	5	5	5	5.05	Grant Funding Required
5	Reconstruction	RR 44		Lakeshore-HWY 16	2.2	5	5	4	4	7	7	5	5.05	Grant Funding Required
5	Reconstruction	RR 31		TWP531-532	1.9	7	4	4	3	5	8	5	5.05	Grant Funding Required
4	Reconstruction	TWP 514		RR274-275	1.8	7	6	2	4	6	7	4	5.00	Grant Funding Required
5	Reconstruction	RR 43		Lakeshore-HWY 16	1.8	4	3	7	3	7	6	5	5.00	Grant Funding Required
3	Construction	TWP 532		RR13-14	0.8	6	4	4	4	6	7	5	4.95	Grant Funding Required
6	Reconstruction	TWP 530		RR70-71	1.8	6	4	3	6	6	7	4	4.85	Grant Funding Required
5	Reconstruction	RR 24		TWP511-512	1.5	7	4	3	3	6	6	6	4.75	Grant Funding Required
4	Reconstruction	RR 21		TWP512A-513A	1.6	8	6	2	3	4	5	4	4.70	Grant Funding Required
4	Reconstruction	RR 14		TWP512-513A	2.4	7	4	3	4	8	3	5	4.70	Grant Funding Required
6	Reconstruction	TWP 531A		SH759-RR61	2.0	7	3	4	3	5	7	4	4.70	Grant Funding Required
5	Reconstruction	RR 31A		RR31-TWP520	2.0	8	4	3	3	4	6	4	4.65	Grant Funding Required
6	Reconstruction	TWP 514		RR81-82	1.6	5	3	4	3	7	6	6	4.50	Grant Funding Required
6	Reconstruction	TWP 524		RR72-73	1.6	4	3	4	5	7	6	6	4.50	Grant Funding Required
3	Reconstruction	RR 13		TWP535-540	1.8	8	4	4	3	3	3	3	4.45	Grant Funding Required
5	Reconstruction	TWP 514		RR43-45	3.2	7	3	2	3	8	5	6	4.40	Grant Funding Required
6	Reconstruction	TWP 540		RR64A-SH757	0.8	6	4	2	3	7	6	6	4.40	Grant Funding Required
6	Reconstruction	RR 65		SH757-TWP545A	0.8	7	4	1	3	7	6	6	4.35	Grant Funding Required
3	Reconstruction	RR 11		TWP541-SH633	1.6	7	2	2	3	7	7	6	4.30	Grant Funding Required
5	Reconstruction	TWP 522		RR22-SH770	1.8	9	4	3	3	2	3	2	4.25	Grant Funding Required
2	Reconstruction	RR 272	Century Road	TWP514-520	3.2	4	3	3	4	7	6	7	4.20	Grant Funding Required
1	Reconstruction	RR 275		TWP504-510	3.0	3	3	4	4	7	7	4	4.20	Grant Funding Required
2	Reconstruction	RR 271	Pioneer Road	TWP524-530	3.2	3	3	4	3	7	6	5	4.05	Grant Funding Required
5	Reconstruction	RR 22		TWP522-523A	2.7	9	4	2	3	2	3	2	4.00	Grant Funding Required
1	Reconstruction	TWP 513		RR273-274	1.6	3	3	3	3	7	5	5	3.70	Grant Funding Required
2	Construction	TWP 522		RR265-271	3.2	5	1	2	4	5	8	4	3.60	Grant Funding Required
5	Reconstruction	RR 24		TWP530-Pakland Dr.	1.4	5	2	1	3	7	6	7	3.60	Grant Funding Required
6	Construction	RR 61		TWP522A-524	2.4	6	1	2	3	6	5	5	3.55	Grant Funding Required
3	Reconstruction	RR 15		TWP534-534A	0.8	3	4	2	3	7	5	3	3.55	Grant Funding Required

2018 Gravel Spot Repair Program Candidates

2019 Road Program Project

2020 Road Program Project

2021 Road Program Project

within 10 years