

SMOKY LAKE COUNTY

Title: Three-Year Road Plan	Policy No.: 18-02
Section: 03	Page No.: 1 of 9 <i>E</i>

Legislation Reference:	<i>Municipal Government Act.</i>
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Purpose:	The intent of the three-year road plans is to identify and prioritize required roadway improvements on a long-term basis.
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Policy Statement and Guidelines:
<p>GUIDELINES</p> <ol style="list-style-type: none">1. The three-year road plan conforms with the objectives and criteria outlined, <i>as per Policy 03-15-02: Road Policy and Policy 03M-04-01: Road Project Profile.</i>2. The plan is limited to the identification of specific annual projects for a future period of three-years based on anticipated revenue and/or other budget and capacity limitation.3. The three-year plan are subject to an annual review and update. <p>ROAD PLANS: REVIEW AND UPDATE PROCESS</p> <ol style="list-style-type: none">1. The Three-Year Road Plan will be reviewed, updated and accepted by Council <i>as per Policy 08-11-01: Budget Development</i> process during October and November of each year.2. The review process will include past year's projects.

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Policy Statement and Guidelines:
<p>3. The development and approval of a “new” Three-Year Plan will primarily include:</p> <ul style="list-style-type: none"> ■ uncompleted projects from the previous year, plus projects previously identified in plan. ■ projects for coming year (previously identified in the plan). ■ plus new proposed projects for third year. <p>4. The planned order of year-one construction projects will be determined every year with the setting of the Transportation Budget: Three-Year Road Plan, as per <i>Policy 03-15-02: Road Policy</i>.</p> <p>5. Once the annual plan and construction schedule have been approved, additions or deletions of specific projects require approval by resolution of Council. Normally, changes to the above should be considered on the basis of persistent weather problems, major equipment problems or financial considerations only. Progress on the planned order of construction will be reported to Council by Public Works monthly.</p>

	Date	Resolution Number
Approved	December 7, 2005	# 148-05 - Page # 8062
Amended		# -
Amended		



2006 Road Projects - *Completed*

PAVING AND OIL TREATMENT						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
Twp 594 between Rd. 195-194	P515	1	1 mile	55,000.00	34,150.80	IN / MO
Twp 584 between Rd. 181-182	P613	2	1 mile	67,000.00	2,286.50	IN / MO
Birchland Development and Side Streets	O2839	2	1 mile	370,000.00	366,904.00	IN / MO
Village of Warspite	P623	14		250,000.00	242,087.35	IN / MO
Rd. 174 between Twp 612-613	P614	3	1.5 miles	83,000.00	51,569.40	IN / MO
Twp 594 between Rd. 175-180	P625	1	1 mile	60,000.00	49,921.40	IN / MO
Twp 594 between Rd. 174-175	P645	1	1 mile	60,000.00	45,684.80	IN / MO
Rd. 162 S of Hwy 28 to Twp 592	P633	2	1.5 miles	120,000.00	3,265.50	IN / MO
Bonnie Lake	P611	4	2 miles	140,000.00	22,739.10	IN / MO
TOTAL				\$ 1,205,000.00	\$ 818,608.85	

REHABILITATION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
Twp 602 East Highway 36 to Rge 141 (buggy work)	R2611	4	2 miles	35,000.00	31,194.12	MO
Rd. 131 between Twp 594-610	R2621	5	4 miles	63,500.00	25,347.50	MO
Twp 584 between Rd. 143-151	R2612	6	4 miles	60,000.00	27,490.50	MO
S of Hwy 28 on Rd. 153 to Twp 591 (Amendment)	R2622	6	3.5 miles	83,250.00	58,428.78	MO
Rd. 153 between Twp. 600 – 601A	R2624	2	1 mile	19,000.00	15,624.40	MO
Twp 602 between Rd. 151-152	R2634	2	1 mile	17,000.00	11,234.84	MO
Twp 600 between Rd. 180-181	R2615	2	1 mile	14,700.00	14,120.10	MO
Rd. 180 between Twp 594-600	R2625	2	1 mile	14,700.00	8,373.25	MO
Twp 600 between Rd. 181-183	R2635	3	2 miles	30,000.00	20,488.45	MO
Rd. 183 between Twp 600-602	R2645	3	2 miles	30,000.00	29,328.90	MO
TOTAL				\$ 367,150.00	\$ 241,630.84	

CONSTRUCTION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
Rd. 122 S of hwy 28 – Saddle Lake	C2611		4.5 miles	670,000.00		
Rd. 130 N of Hwy 28 – Goodfish	C2621		8 ¾ miles	6,642,000.00		
Resource Road - White Earth Pit	C2615		6 miles	1,728,000.00		
TOTAL				\$ 9,040,000.00	\$	

GRAVELLING						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
2006 – 30,000 YARDS	G616			360,000.00	401,564.16	SG
TOTAL				\$ 360,000.00	\$ 401,564.16	

ADDITIONAL: PROJECTS						
Project Name	Code	Length	Action	Actual Cost	Funding	
Paving and Oil Treatment						
Twp 592 West of SH 855 to Rd. 174	02861	1 mile	Haul Road	64,880.05	MO	
Mons Lake	02849	3 days	Resolution: July 20, 2006 – Motion 566-06	88,459.85	MO	
Rehabilitation						
Village of Vilna	02864	1 day	Municipal Cooperation	6,374.00	Vilna	
Twp 604 between RR 191 & RR 184		13 days	Resource Road: Emergent Issue	123,178.35	MO	
TOTAL				\$ 282,892.25		



2007 Road Projects Information

Calculation of 2007 year: Project(s) Workdays:

Project days: May to October 2007

6 months x 20 days = 120 days

■ Less 20 days: weather and 20 days: moves/breakdowns
Equals 80 days

Maintenance Gravel:

56,250 tonnes to be distributed among all divisions.

7,000 tonnes: Contingency Gravel

Cost per tonne delivered is \$12.00 per tonne.

Grants Available for 2007:

☞	Alberta Municipal Infrastructure Program: 2006	=	\$ 526,665.00
☞	New Deal for Cities and Communities	=	\$ 50,209.00
☞	Rural Transportation Grant	=	\$ 442,517.00
☞	Streets Improvement Grant: 2006 and 2007	=	\$ 14,733.00

2007 Graveling Projects Information

Divisional Miles	Requested Miles to Gravel	Requested Tonnes	Recommended Gravel	Estimate Costs	Actual Cost	Percentage
One: 144	91	17,844	9,056	\$ 108,672.00		16.10 %
Two: 218	163.5	31,694	13,613	\$ 163,356.00		24.20 %
Three: 157	38	7,113	9,844	\$ 118,128.00		17.50 %
Four: 161	63	11,792	10,125	\$ 121,512.00		18.00 %
Five: 218	81	14,536	13,612	\$ 163,344.00		24.20 %
TOTAL: 898	436.5	82,979	56,250	\$ 675,012.00		100 %



Gravel Rates Information

GRAVEL		
Per Tonne	Ratepayers	Others
Royalty	\$ 3.00	\$ 4.00
Crushing Cost	\$ 5.00	\$ 5.00
Reclamation	\$ 2.00	\$ 2.00
Loading	\$ 0.00	\$ 1.00
Hauling	\$ 8.00 or \$ 5.00	
TOTAL	Tandem: \$18.00 Belly Dump: \$15.00	\$12.00

SAND		
Per Tonne	Ratepayers	Others
Royalty	\$ 1.00	\$ 2.00
Reclamation	\$ 2.00	\$ 2.00
Loading	\$ 0.00	\$ 1.00
TOTAL	\$ 3.00	\$ 5.00

PIT RUN		
Per Tonne	Ratepayers	Others
Royalty	\$ 3.00	\$ 4.00
Reclamation	\$ 2.00	\$ 2.00
Loading	\$ 0.00	\$ 1.00
TOTAL	\$ 5.00	\$ 7.00



2007 Road Projects

PAVING AND OIL TREATMENT						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
Hillside Acres Resort	P01611	3	1.4 miles	92,000.00		
RR 131 South Hwy 28 to 592	P02712	3	2.5 miles	157,500.00		
RR 152 North Bellis Hamlet to 601A	P04714	2	1.5 miles	30,000.00		
RR 180 North of 594 to 600	P05715	2	2 miles	80,000.00		
Resource Road: Twp 604 from Rd 184 to Rd. 191	P06725	4	3 miles	248,000.00		
TOTAL				\$ 607,500.00	\$	

REHABILITATION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
Rd. 133 from Whitefish Lake to Twp 614	R082711	4	3 ¼ miles	63,000.00		
Twp 620 East of Hwy 36 to RR 133	R092721	7	6 miles	84,000.00		
Twp 620A from 133 to 132	R112741	1	1 mile	15,000.00		
Twp 592 between Rd. 171-173	R142633	3	2 miles	30,000.00		
RR 182 South 28 to Twp 590	R152723	3	2.5 miles	35,000.00		
Twp 590 between Rd. S182 – S185	R162753	3	3 miles	45,000.00		
Rd. 184 between Twp 584 – 590	R172613	3	2 miles	30,000.00		
Rd. 183 between Twp 590 – 592	R182623	2	1.5 miles	22,050.00		
Rd. 184 from Hwy 28 to Twp 590	R192713	3	2.5 miles	36,500.00		
Twp 601A between Rd. 152-155	R202724	4	3 miles	49,000.00		
Twp 610 from Hwy 855 to Rd. 163	R222744	7	6 miles	96,000.00		
Rd. 150 from Hwy 28 to Twp 600	R242764	3	2 miles	34,000.00		
Rd. 193 from Hwy 28 to Twp 600	R262735	4	3.5 miles	52,000.00		
Rd. 183 from Twp 602 to Twp 604	R272725	3	2 miles	34,000.00		
Twp 600 East of Hwy 831 to Rd. 185	R322715	6	5 miles	85,000.00		
RR 170 N of Hwy 28 to Twp 602 – E Rd. 170 to Rd. 164A	RR282724	6	5.5 miles	38,500.00		
Twp 612 from Hwy 855 to Rd. 174	RR302714	1	1 mile	10,000.00		
TOTAL				\$ 759,050.00	\$	

CONSTRUCTION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
RR 131 North of Highway 652 and Twp 581	C2712		¾ mile	105,000.00		
TOTAL				\$ 105,000.00	\$	

GRAVELLING						
Miles per Division	Code	Percentage	Recommended Gravel	Estimate Costs	Actual Cost	Funding
144 miles	G100	16.10 %	9,056	\$ 108,672.00		
218 miles	G200	24.20 %	13,613	\$ 163,356.00		
157 miles	G300	17.50%	9,844	\$ 118,128.00		
161 miles	G400	18.00 %	10,125	\$ 121,512.00		
218 miles	G500	24.20%	13,612	\$ 163,344.00		
Total Miles: 898		100%	56,250	\$ 675,012.00		
Contingency: 436 miles			7,000	\$ 84,000.00		
TOTAL				\$ 759,012.00		



2008 Road Projects

PAVING AND OIL TREATMENT						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

REHABILITATION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

CONSTRUCTION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
	G800					
TOTAL				\$	\$	

GRAVELLING						
Miles per Division	Code	Percentage	Recommended Gravel	Estimate Costs	Actual Cost	Funding
144 miles	G100					
218 miles	G200					
157 miles	G300					
161 miles	G400					
218 miles	G500					
Total Miles: 898						
Contingency: 436 miles						
TOTAL				\$		



2009 Road Projects

PAVING AND OIL TREATMENT						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

REHABILITATION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

CONSTRUCTION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
	G800					
TOTAL				\$	\$	

GRAVELLING						
Miles per Division	Code	Percentage	Recommended Gravel	Estimate Costs	Actual Cost	Funding
144 miles	G100					
218 miles	G200					
157 miles	G300					
161 miles	G400					
218 miles	G500					
Total Miles: 898						
Contingency: 436 miles						
TOTAL				\$		

Section 3

Policy 18-02



2010 Road Projects

PAVING AND OIL TREATMENT						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

REHABILITATION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
TOTAL				\$	\$	

CONSTRUCTION						
Project Name	Code	# Days	Length	Estimate Costs	Actual Cost	Funding
	G800					
TOTAL				\$	\$	

GRAVELLING						
Miles per Division	Code	Percentage	Recommended Gravel	Estimate Costs	Actual Cost	Funding
144 miles	G100					
218 miles	G200					
157 miles	G300					
161 miles	G400					
218 miles	G500					
Total Miles: 898						
Contingency: 436 miles						
TOTAL				\$		

