Oxford Township Criteria

Instructions:
This tab allows the user to adjust and/or add values to the dropdown menu throughout the rest of the spreadsheet.
To add additional values, enter text into the cell directly below the last entry in the relevant table.
To change existing values, simply edit the text in place.
To delete existing values, right click the entry in the table, select Delete; select: Table Rows.

Town	Surface Type	Treatment Type	Soil Factor	Type of maintenance	Nickname	YES or NO	Road Name	GRAVEL LAYER RATING	CROWN RATING	WASHBOARDING RATING	RUTTING RATING	POTHOLE RATING	LOOSE AGGREGATE RATING	DITCHES	ROADSIDE PONDING	DUST	Rating	Type of Gravel
88	Earth: formed	None	20	Drainage	drain	NO	245 th E	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	STABILIZED	0	CL 5
	Class 5	Dust Treatment	30	Regraveling	gravel	YES	245 th W	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	APPROACHING	STABILIZED LOW	1	CL1
	Bituminous		40	Dust Control	dust		251st	FAIR	FAIR	FAIR	FAIR	FAIR	FAIR	FAIR	IMPACTING	NOT	2	Pit Run
	Limestone		50	Stabilization	stable		253 rd E	DEFICIENT	DEFICIENT	DEFICIENT	DEFICIENT	DEFICIENT	POOR	POOR		STABILIZED	3	Local pit
			50	Isolated Repairs	repair		253 rd W						DEFICIENT	DEFICIENT			4	
			75	Major Work	major		254 th court											
			100	Other	other		256 th											
			120	Grading	grading		257 th											
			130	Brush Mowing	mowing		259 th											
				Brush Cutting	cutting		261st											
				Weed Spraying	spraying		263 rd											
				Adding Gravel	fill		265 ct NE											
				Paving	paving		265 th											
				Seal Coating	sealcoating		266 th											
				Crack sealing	crack sealing		275 th											
							Elcrest											
							277 th E											
							277th W											
							Baylor											
							Danube											
							Dorando											
							Furman											
							Humber											
							Limpopo											
							Lyons W											
							Nebula											
							Pigeon Loft											
							Potomac Street N											
							Potomac Street S											
							Regulus											
							Tucker											
							Typo Creed Drive											
							Vassar											
							Vassar NE											
							Virgo											
							Xingu											
							Zodiac											

Oxford Road Inventory Tracker

	A	B	C	D	E	F	G	L	M	Q	R	V
5	Column1	Segment ID	Township/county	CTY_CODE	Road Name	Begin Termini	End Termini	Segment Length (mi)	Surface Type	Surface Width (ft)	Surface Layers (in)	Additional Notes
7	1	PotomacStreetS:261st-County_9	Oxford Township	88	Potomac Street S	261 st	County 9	1.2	Bituminous	15		
8	2	PotomacStreetN:County9-277_th	Oxford Township	88	Potomac Street N	County 9	277 th	1.3	Limestone	17		
9	3	261st:LimpopoStreet-Potomac_South	Oxford Township	88	261st	opo Street	Potomac South	0.20	Class 5	22		
0	4	Limpopo:259th-261_st	Oxford Township	88	Limpopo	259 th	261 st	0.2	Class 5	22		
1	5	245thW:Thames-Baylor	Oxford Township	88	245 th W	Thames	Baylor	0.4	Class 5	24		Shared road with Linwood
2	6	245thE:Rutgers-Dead_End	Oxford Township	88	245 th E	Rutgers	Dead End	0.2	Limestone	18		Limestone/Class 5
3	7	263rd:County12-Dead_End	Oxford Township	88	263 rd	County 12	Dead End	0.9	Limestone	17		
4	8	Virgo:County9-279_th	Oxford Township	88	Virgo	County 9	279 th	0.9	Limestone	19		Has a base of recylced tires and unstable
5	9	259th:County12-Limpopo	Oxford Township	88	259 th	County 12	Limpopo	2.2	Limestone	22		Skinny 19
6	10	253rdE:County18-Dead_End	Oxford Township	88	253 rd E	County 18	Dead End	1	Limestone	20		
7	11	TypoCreedDrive:FawnLakeDrive-County_20	Oxford Township	88	Typo Creed Drive	Fawn Lake Drive	County 20	1.1	Bituminous	24		
8	12	Vassar:County9-275_th	Oxford Township	88	Vassar	County 9	275 th	0.9	Limestone	22		
9	13	Xingu:DeadEnd-County_9	Oxford Township	88	Xingu	Dead End	County 9	0.9	Limestone	20		has a culvert that hasn't been maintained.
0	14	275th:Vassar-Vassar_NE	Oxford Township	88	275 th	Vassar	Vassar NE	0.4	Limestone	18		
1	15	Danube:County9-259_th	Oxford Township	88	Danube	County 9	259 th	0.7	Class 5	24		
2	16	Nebula:DeadEnd-County_20	Oxford Township	88	Nebula	Dead End	County 20	0.3	Limestone	18		
3	17	277thE:Potomac-Furman	Oxford Township	88	277 th E	Potomac	Furman	0.3	Class 5	23		
4	18	253rdW:DeadEnd-County_18	Oxford Township	88	253 rd W	Dead End	County 18	0.2	Class 5	18		
5	19	266th:County12-Dead_End	Oxford Township	88	266 th	County 12	Dead End	0.2	Limestone	15		
6	20	Furman:County9-Dead_End	Oxford Township	88	Furman	County 9	Dead End	0.2	Limestone	18		
7	21	LyonsW:FawnLakeDrive-320_th	Oxford Township	88	Lyons W	Fawn Lake Drive	320 th	0.01	Bituminous	22		Shared road with Stacy
8	24	Elmcrest:County9-340_th	Oxford Township	88	Elmcrest	County 9	340 th	0.7	Bituminous	24		Shared road with Stacy
9	25	Regulus:DeadEnd-County_20	Oxford Township	88	Regulus	Dead End	County 20	0.09	Bituminous	28		
0	26	Baylor:245th-County_20	Oxford Township	88	Baylor	245 th	County 20	0.6	Bituminous	20		
1	27	PigeonLoft:DeadEnd-County_9	Oxford Township	88	Pigeon Loft	Dead End	County 9	1.9	Bituminous	20		
2	28	Zodiac:County9-Dead_End	Oxford Township	88	Zodiac	County 9	Dead End	0.7	Class 5	15		
3	29	277thE:County12-Tucker	Oxford Township	88	277 th E	County 12	Tucker	0.3	Class 5	20		Shared Road with North Branch
4	30	265th:County12-Dead_End	Oxford Township	88	265 th	County 12	Dead End	0.2	Limestone	17		
5		251st:County20-dead_End	Oxford Township	88	251 st	County 20	dead End	0.2	Class 5	14		
6		254thcourt:County18-dead_end	Oxford Township	88	254 th court	County 18	dead end	0.2	Bituminous	28		
7		265ctNE:County18-Dead_End	Oxford Township	88	265 ct NE	County 18	Dead End	0.09	Bituminous	28		
8		VassarNE:275th-277th	Oxford Township	88	Vassar NE	275 th	277th	0.3	Limestone	20		

Oxford Road Maintenance Tracker

Segment ID	Date of maintenance	Type of maintenance	If other, specify:	Maintenance cost per mile	Segment Length (miles)	Total Cost	Comments
PotomacStreetS:261st-County_9	10/1/2024	Bituminous	appr. 3000 ft	$263,285.00	**0.56**	**$147,439.60**	
PigeonLoft:DeadEnd-County_9	7/3/2024	Bituminous		$229,646.00	**1.3**	**$298,539.80**	
PigeonLoft:DeadEnd-County_9	6/30/2023	`	appr. 2640 ft	$186,504.00	**0.5**	**$93,252.00**	
Baylor:245th-County_20	6/30/2023	Bituminous	appr. 2620 ft	$183,408.00	**0.49**	**$89,869.92**	
275th:Vassar-Vassar_NE	06/30/22	Regravel	Limerock	$135,400.00	**0.4**	**$54,160.00**	
Virgo:County9-279_th	06/30/22	Regravel	Limerock	$100,587.00	**0.9**	**$90,528.30**	
PotomacStreetS:261st-County_9	07/30/22	Regravel	Limerock	$69,039.00	**1.2**	**$82,846.80**	

Oxford Road Assessment

Example Data Entry:

Segment ID	Date of Evaluation	GRAVEL LAYER RATING	CROWN RATING	WASHBOARD RATING	RUTTING RATING	POTHOLE RATING	LOOSE AGGREGATE RATING	DITCHES	ROADSIDE PONDING	DUST	Usability Rating
MainStreet:135th-165th	5/10/2016	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	FAIR	EXCELLENT	STABILIZED HIGH	85
155th:145th-90th	5/1/2016	GOOD	FAIR	DEFICIENT	GOOD	POOR	GOOD	DEFICIENT	APPROACHING	NOT STABILIZED	55

Segment ID	Date of Evaluation	GRAVEL LAYER RATING	CROWN RATING	WASHBOARD RATING	RUTTING RATING	POTHOLE RATING	LOOSE AGGREGATE RATING	DITCHES	ROADSIDE PONDING	DUST	Usability Rating
PotomacStreetS:-		EXCELLENT	FAIR	GOOD	FAIR	GOOD	FAIR	GOOD	APPROACHING	STABILIZED LOW	70
											#N/A
											#N/A
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DAR GRAVEL ROAD ASSESSMENT FORM

LAST UPDATED: 4/26/2018

ROUTE ID INFORMATION (PRE-POPULATED)

ROUTE ID	*Unique ID for each road*
BASE	*MINOT AFB, MALMSTROM AFB, OR FE WARREN AFB*
SITE ID	*Example: A-01*
STATE	*TEXT INPUT*
COUNTY	*TEXT INPUT*
LENGTH (MILES)	*TEXT INPUT*

ACCESS / MEASUREMENTS (ALWAYS COLLECT ON EACH SEGMENT)

SINGLE ACCESS	YES / NO
SHOULDER WIDTH	*NUMBER INPUT*
ROAD WIDTH	*NUMBER INPUT*
GRAVEL DEPTH	*NUMBER INPUT (IF APPLICABLE)*

SURFACE CONDITION ELEMENTS (ALWAYS COLLECT ON EVERY SEGMENT)

GRAVEL LAYER RATING (4" is the minimum)	ROAD RECENTLY GRAVELED. REMAINS IN EXCELLENT CONDITION WITH NO GRAVEL LOSS.	**EXCELLENT**
	AGGREGATE COVERING ENTIRE ROAD SURFACE AND ADEQUATE FOR TRAFFIC	**GOOD**
	ADDITIONAL GRAVEL NEEDED IN SURFACE DEFORMATIONS (ROAD HAS >50% ADEQUATE GRAVEL COVERAGE)	**FAIR**
	ADEQUATE GRAVEL COVERAGE IS < 50% OF SURFACE	**DEFICIENT**
CROWN RATING (AT LEAST 4% IS NEEDED)	4% CROWN PRESENT ON ENTIRE SEGMENT	**EXCELLENT**
	>50% OF SEGMENT LENGTH HAS 4% CROWN. CROWN PRESENT ON OTHER SECTIONS.	**GOOD**
	<50% OF SEGMENT LENGTH HAS 4% CROWN. CROWN PRESENT ON OTHER SECTIONS.	**FAIR**
	NO CROWN PRESENT	**DEFICIENT**
WASHBOARDING RATING	NOT PRESENT	**EXCELLENT**
	SLIGHT WASHBOARDING	**GOOD**
	WASHBOARDING 1" - 2" DEEP, COVERING 10 - 25% OF SURFACE	**FAIR**
	WASHBOARDING >3" DEEP, COVERING > 25% OF SURFACE	**POOR**
RUTTING RATING	NOT PRESENT	**EXCELLENT**
	INFREQUENT RUTTING < 1"	**FAIR**
	RUTTING 1" - 3" DEEP & 10 - 25% OF SURFACE	**POOR**
	RUTTING > 3" DEEP & > 25% OF ROAD AREA	**DEFICIENT**
POTHOLE RATING	NOT PRESENT	**EXCELLENT**
	OCCASIONAL POTHOLE < 2" DEEP	**FAIR**
	POTHOLES 2" - 4" DEEP & 10 - 25% OF SURFACE	**POOR**
	POTHOLES > 4" DEEP & > 25% OF ROAD AREA	**DEFICIENT**
LOOSE AGGREGATE RATING	NOT PRESENT	**EXCELLENT**
	MODERATE LOOSE AGGREGATE	**GOOD**
	SOME LOOSE AGGREGATE UP TO 2" DEEP	**FAIR**
	SEVERE LOOSE AGGREGATE > 4" DEEP AT SHOULDER. SUBGRADE EXPOSED IN WHEELPATHS.	**POOR**
	> 25% OF ROADWAY WITH LITTLE TO NO AGGREGATE. EXTENSIVE SUBGRADE EXPOSURE.	**DEFICIENT**
DITCHES *REQUIREMENTS: Fills over 6 feet - 2:1 slope; Fills less than 6 feet - 4:1 slope; Back Slopes in cut - 2:1*	ADEQUATE DITCHES ON 100% OF SEGMENT	**EXCELLENT**
	ADEQUATE DITCHES ON > 75% OFF SEGMENT	**GOOD**
	ADEQUATE DITCHES ON > 50% OFF SEGMENT	**FAIR**
	ADEQUATE DITCHES ON < 50% OFF SEGMENT	**POOR**
	LITTLE TO NO DITCHING PRESENT	**DEFICIENT**
ROADSIDE PONDING (EDGE/DITCH EROSION)	NOT PRESENT	**EXCELLENT**
	PONDING APPROACHING THE ROAD, BUT NOT IMPACTING	**APPROACHING**
	PONDING ON ROADSIDE IS CAUSING EROSON/UNDERCUTTING	**IMPACTING**

PHOTOS AND COMMENTS CAN BE RECORDED ON EACH RATED ROAD SEGMENT

URGENT DESIGN/GEOMETRIC DEFICIENCIES (COLLECT AT EACH OCCURENCE)

ANSWER 'YES' WHEN URGENT

ROAD WIDTH	ROADWAY WIDTH IS LESS THAN 18' (GRAVEL WIDTH INCLUDING SHOULDERS MUST BE A MINIMUM OF 18')	**YES / NO**
LOAD BEARING WIDTH	LOAD BEARING WIDTH IS LESS THAN 7' FROM CENTERLINE ON BOTH SIDES	**YES / NO**
TURNING RADIUS	TURNING RADIUS IS LESS THAN 60'	**YES / NO**
ROADWAY PONDING	EXTENSIVE PONDING OCCURS ON ROADWAY (TRAVEL WAY)	**YES / NO**
VERTICAL GRADE	VERTICAL GRADE PRESENTS A HAZARD. (12% IS MAXIMUM, >14% IS HAZARDOUS CONDITION)	**HAZARDOUS, >14%** **POTENTIAL HAZARD, 12-14%** **NO HAZARD, <12%**
SUPERELEVATION	SUPERELEVATION EXCEEDS 10%	**YES / NO**

PHOTOS AND COMMENTS CAN BE RECORDED ON EACH OCCURRENCE

CULVERT DATA (COLLECT AT EACH CULVERT LOCATION)

CULVERT FUNCTIONALITY	0 - 30% FILLED (NO PREVENTATIVE MAINTENANCE / CLEANING NEEDED)	**GOOD**
	31 - 50% FILLED (REQUIRES PREVENTATIVE MAINTENANCE / CLEANING)	**FAIR**
	50 - 90% FILLED	**POOR**
	91 - 100% FILLED	**DEFICIENT - FILLED**
	DAMAGED CULVERT: NEEDS REPAIRS	**DEFICIENT - REPAIR**
	DAMAGED CULVERT: NEEDS REPLACEMENT	**DEFICIENT - REPLACE**

PHOTOS AND COMMENTS CAN BE RECORDED ON EACH CULVERT LOCATION