

**2024 Pavement Maintenance Program - Mill and Overlay
Jackson County Public Works - Engineering Division
County Project No. 3285**

Standard Mill & Overlay Roadways

Street Name	Beginning Description	Ending Description	Length (Miles)	Avg. Road Width (Feet)	Area Subtotal (SF)	Intersection Fillets (SF)	Cul-de-sac (SF)	1.5" Milling Area (SY)	Mill / Overlay Depth (Inches)	Asphalt Overlay (Tons)	Surface Irregularities (Tons)	1.5" Overlay (Tons)
51st Terrace	Woods Chapel Road	Cul-de-sac	0.2	24	25,704	143	4,418	3,363	1.5	283.7	14.2	297.9
62nd Street	Inderweissen Road	Chiles Road	0.2	21	23,499			2,611	1.5	220.3	33.0	253.3
65th Street	Ryan Road	Dead End	0.4	21	41,034			4,559	1.5	384.7	57.7	442.4
Beach Drive	Tarsney Road	New Bridge Asphalt	0.1	20	13,543	526		1,563	1.5	131.9	19.8	151.7
Beach Road	Colbern Road	175' North of Intersection	0.0	39	6,568	175		749	1.5	63.2	9.5	72.7
Beach Road	175' North of Intersection	Camp Road (West)	0.6	28	93,100			10,344	1.5	872.8	130.9	1,003.7
Beach Road	Camp Road (West)	Lee's Summit City Limits	0.5	28	72,520			8,058	1.5	679.9	102.0	781.9
Borgman Road	Bonehill Road	Neil Chiles Road	0.5	20	53,660			5,962	1.5	503.1	75.5	578.6
Chiles Road	62nd Street	65th Street	0.3	21	32,571	756		3,703	1.5	312.4	46.9	359.3
Cook Road	Moreland School Road	Blue Springs City Limits	0.9	21	95,655	687		10,705	1.5	903.2	135.5	1,038.7
Harris Road	Pebblebrook Drive	50 Highway R/W	1.5	20	156,360			17,373	1.5	1,465.9	219.9	1,685.8
Inderweissen Road	62nd Street	65th Street	0.3	21	32,970	356		3,703	1.5	312.4	46.9	359.3
Langsford Cutoff	Langsford Road	Milton Thompson Road	0.2	22	17,952	5,300		2,584	1.5	218.0	32.7	250.7
Langsford Road	Wildflower Drive	Milton Thompson Road	0.4	28	57,120	1,740		6,540	1.5	551.8	82.8	634.6
Mason School Road	Shrout Road	1,920' West of Shrout Road	0.4	22.50	43,200	256		4,828	1.5	407.4	61.1	468.5
Mason School Road	1,920' West of Shrout Road	1,961' West of Shrout Road	0.0	27.25	1,117			124	1.5	10.5	1.6	12.1
Mason School Road	1,961' West of Shrout Road	2,659' West of Shrout Road	0.1	32	22,336			2,482	1.5	209.4	10.5	219.9
Nebgen Road	Buckner Tarsney Road	Hardsaw Road (West)	1.0	20	101,260	757		11,335	1.5	956.4	143.5	1,099.9
Nebgen Road	Hardsaw Road (West)	Stillhouse Road	1.0	24	128,016	687		14,300	1.5	1,206.6	181.0	1,387.6
19th Street Court North	Salem Drive	Cul-de-sac	0.1	24	8,232	274	4,301	1,423	1.5	120.1	6.0	126.1
Concord Court	Lexington Road	Cul-de-Sac	0.1	24	12,000	1,124	6,940	2,229	1.5	188.1	9.4	197.5
Concord Road	18th Street North	Salem Drive	0.4	24	51,576	415	5,193	6,354	1.5	536.1	26.8	562.9
Geronomo Drive	Independence City Limits	Shoshone Drive	0.2	24	21,120	313		2,381	1.5	200.9	10.0	210.9
Hartford Road	18th Terrace North	Concord Road	0.1	24	15,672	415		1,787	1.5	150.8	7.5	158.3
Lazy Branch Road	Salem Drive	Park Avenue	0.2	24	19,920	208		2,236	1.5	188.7	9.4	198.1
Lynchburg Court North	Lynchburg Place North	Cul-de-Sac	0.0	24	1,080	342	6,648	897	1.5	75.7	3.8	79.5
Lynchburg Place North	Salem Drive	Cul-de-Sac	0.1	24	11,088	469	16,029	3,065	1.5	258.6	12.9	271.5
Park Avenue	Lazy Branch Road	Colony Lane	0.1	24	9,000	900		1,100	1.5	92.8	4.6	97.4
Shoshone Court	Shoshone Drive	Cul-de-sac	0.0	24	3,672	615	4,418	967	1.5	81.6	4.1	85.7
TOTALS =								137,328				13,087

Notes:

- 1) Surface irregularities for the roadways were calculated at 7% (curbed roads) and 15% (non-curbed roads) for the asphalt overlay quantity.
- 2) The estimated unit weight for calculations of the asphaltic concrete surface was 150 lbs./CF.

**2024 Pavement Maintenance Program
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3" Overlay Roadways**

Street Name	Beginning Description	Ending Description	Length (Miles)	Avg. Road Width (Feet)	Overlay Thickness (Inches)	Sawcut (Feet)	Area Subtotal (SF)	Wedge Excavation (CY)	Asphalt Overlay (Tons)	Surface Irregularities (Tons)	3" Overlay (Tons)
Outer Belt Road Extension	50 Highway R/W	Boswell Road (North)	1.29	21	3	42	142,926	16	2,712	542	3,254
Outer Belt Road Extension	Boswell Road (South)	County Line Road	1.27	21	3	42	141,036	16	2,677	535	3,212
Seymour Road	Duncan Road	Grain Valley City Limits	0.76	22	3	112	87,890	37	1,723	345	2,068
Stringtown Road	7 Highway R/W	Kennedy Road	0.74	22	3	45	86,460	38	1,712	342	2,054
Stringtown Road	Kennedy Road	RF Gammon Road	0.75	22	3	44	87,230	28	1,727	345	2,072
Stringtown Road	RF Gammon Road	Hamilton Road	0.75	22	3	44	87,120	116	1,929	386	2,315
Stringtown Road	Hamilton Road	Lake Lotawana City Limits	0.27	22	3	22	31,174	8	601	120	721
Sweeney Road	Duncan Road	Pink Hill Road	1.00	21	3	160	111,174	52	2,190	438	2,628
TOTALS =			6.83			511		311			18,324

Notes:

- 1) Asphalt Overlay quantity includes filling the wedge excavations for main line and side roads, main line overlay, and entrance wedges.
- 2) Surface irregularities for the roadways were calculated at 20% to account for uneven surface and potholes.
- 3) The estimated unit weight for calculations of the asphaltic concrete surface was 150 lbs/CF.

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Street Name	Beginning Description	Ending Description	Length (Miles)	4" Solid White Edge Lines (Paint)	4" Solid White Lane Lines (Paint)	6" Skip White Lane Lines (Paint)	4" Solid Double Yellow (Paint)	24" White Stop Bars (Paint)	White Left Turn Arrows (Thermo)	White Right Turn Arrows (Thermo)
Beach Road	Colbern Road	Lee's Summit City Limits	1.15	11,816	108		6,092		2	2
Borgman Road	Bonehill Road	Neil Chiles Road	0.51	5,366						
Cook Road	Moreland School Road	Blue Springs City Limits	0.86	9,110			4,555			
Harris Road	Pebblebrook Lane	50 Highway R/W	1.48	15,439			7,684			
Langsford Road	Wildflower Drive	Milton Thompson Road	0.39	3,972	180		2,000	17		
Mason School Road	Shrout Road	1,985' W of Shrout Road	0.38	3,930			1,965			
Nebgen Road	Buckner Tarsney Road	Stillhouse Road	1.00	10,251			5,073	15		
Outer Belt Road Extension	50 Highway R/W	Boswell Road	1.29	13,612			6,806	14		
Outer Belt Road Extension	Boswell Road	County Line Road	1.27	13,432			6,716	28		
Seymour Road	Duncan Road	Grain Valley City Limits	0.76	7,990			3,995	35		
Stringtown Road	7 Highway R/W	Lake Lotawana City Limits	2.51	26,544			13,272	55		
Sweeney Road	Duncan Road	Pink Hill Road	1.00	10,588			5,294	42		
TOTALS =			12.60	132,050	108	180	63,452	206	2	2