

**Johnson County Secondary Roads Department 5-Year Construction Program  
with the Maintenance Rehabilitation Program (MRP) shaded in purple**

Created: December 7, 2015    Last Revised: March 24, 2016    ADOPTED by BOS: March 31, 2016

	5YR ID	Construction	Project Name and Number	Cost Est.	AADT	Length		
FY16/17	16A	2016	E-21-4 Lower Oxford Road - unnamed creek L-E-21-4--73-52 Bridge Replacement (RCB)	\$250,000 Local / Oxford	340	0.11 mi.	\$3.69 M = '16 Construction	
	16B	2016	Wapsi Avenue - 660th to County Line FM-C052(108)--55-52 HMA Resurfacing with Base Widening	\$1,160,000 \$860k FM \$300k Fuel Tax	710	2.7 mi.		
	16C	2016	J-11-6 Lower West Branch Road - Wapsinonoc Creek L-J-11-6--73-52 Bridge Replacement (Railcar)	\$306,000 Local	120	0.1 mi.		
	16D	2016	S-29-2 Taft Avenue - Branch of Buck Creek L-S-29-2--73-52 Bridge Replacement (Timber)	\$175,000 Local	60	0.1 mi.		
	16E	2016	Ely Road Phase 2 of 5 - County Line south 2000 feet STP-S-C057(125)--5E-57 PCC Overlay	\$195,000 Local	3080	0.38 mi.		
	16F	2016	R-28-12 Oak Crest Hill Road - Liberty Creek LFM-R-28-12--7X-52 Culvert Replacement	\$500,000 \$250k '15 Bond \$250k Local	1290	0.1 mi.		
	16G	2016	Ely Road Phase 3 of 5 - Hwy 382 intersection LFM-Ely2--7X-52 Highway 382 Intersection	\$900,000 \$400k Local \$500k '16 Bond	3290 2330 / 3670	0.38 mi.		
	16H	2016	IWV Road Phase 2 of 6 - 200 feet west of Hebl to James LFM-IWV-1B--7X-52 Utility Relocations and ROW Acquisitions	\$200,000 \$200k '16 Bond	1300 / 1020	1.5 mi.		
	M16-1	2016	Sioux Avenue - Hwy 6 south 1200 feet Grade, Macadam Stone Base, Choke Surface	\$84,000 Local	280	0.23 mi.		\$454 k = '16 MRP
	M16-2	2016	Napoleon Street - Sioux to Soccer Park Grade, Macadam Stone Base, Choke Surface	\$190,000 \$150k Local \$40k Fuel Tax	250	1.2 mi.		
M16-3	2016	Sioux Avenue - Osage to Napoleon Grade, Macadam Stone Base, Choke Surface	\$180,000 \$140k Local \$40k Fuel Tax	230	0.9 mi.			
FY17/18	17A	2017	Mehaffey Bridge Road Trail - NL to Mehaffey Bridge TAP-U-C052(109)--81-52	\$2,500,000 \$967k Fed \$500k Conservation Bond	2910	2.0 mi.	\$8.74 M='17 Construction \$350 k = '17 MRP	
	17B	2017	Ely Road Phase 4 of 5 - Hwy 382 to 140th FM-C052(107)--55-52 Reconstruction/Rehab/Structures	\$2,500,000 FM	3290	0.76 mi.		
	17C	2017	180th Street - Utah to Cedar County LFM-180th--7X-52 Grade, Macadam Stone Base, Choke Surface	\$590,000 \$590k Fuel Tax	270 - 160	3.8 mi.		
	17D	2017	IWV Road Phase 3 of 6 - 200 feet west of Hebl to James LFM-IWV-1B--7X-52 Grading, Structures and PCC Paving	\$3,000,000 \$2.0M '16 Bond \$1.0M '17 Bond	1300 / 1020	1.5 mi.		
	17E	2017	IWV Road Phase 4 of 6 - James to Ivy LFM-IWV-2--7X-52 Utility Relocations and ROW Acquisitions	\$150,000 \$150k '17 Bond	1020	1.05 mi.		
	M17-1	2017	Falcon Avenue - 120th to L Road Grade, Macadam Stone Base, Choke Surface	\$175,000 \$175k Fuel Tax	140	1.0 mi.		
	M17-2	2017	Derby Avenue - 120th to 140th Grade, Macadam Stone Base, Choke Surface	\$175,000 \$175k Fuel Tax	320	1.0 mi.		
FY18/19	18A	2018	Hwy 965 Phase 2 of 3 - NL to Croy Road STP-S-C052(106)--5E-52 Pavement Rehabilitation	\$4,375,000 \$3.5M Fed \$875k FM	3390 / 2810	3.5 mi.	\$13.83 M = '18 Construction \$450 k = '18 MRP	
	18B	2018	C-22-1 Highway 965 over Iowa River (Hwy 965 Phase 3 of 3) BHS-C052(104)--63-52 Bridge Deck Replacement	\$2,000,000 \$1.6M BR \$400k Fuel Tax	2810	0.2 mi.		
	18C	2018	Ely Road Phase 5 of 5 - 140th to Ely Rd Phase 2 FM-C052(103)--55-52 Reconstruction with Flood Mitigation	\$4,200,000 FM	3670 / 3080	2.07 mi.		
	18D	2018	Local Bridge Maintenance 2018 (Multiple Locations) L-Bridges-2018--73-52 (D-19-3, F-3-1, I-16-1, P-20-4, Q-22-3)	\$1,000,000 \$600k Local \$400k Fuel Tax	-	-		
	18E	2018	IWV Road Phase 5 of 6 - James to Ivy LFM-IWV-2--7X-52 Grading, Structures and PCC Paving	\$2,250,000 \$1.35M '17 Bond \$900k '18 Bond	1020	1.05 mi.		
	M18-1	2018	Blain Cemetery Road - Greencastle to Seneca Double Seal Coat Surface	\$75,000	300	0.5 mi.		
	M18-2	2018	Taft Avenue - Herbert Hoover to Lower West Branch Calcium Rock Treatment	\$100,000	870	0.5 mi.		
	M18-3	2018	Wapsi Avenue - Lower West Branch to 400th Grade, Macadam Stone Base, Choke Surface	\$275,000	140	1.5 mi.		
FY19/20	19A	2019	Local Bridge Maintenance 2019 (Multiple Locations) L-Bridges-2019--73-52 (A-22-1, C-21-5, I-20-2, P-20-1)	\$900,000 Local	-	-	\$8.50 M='19 Construction	
	19B	2019	140th Street - Highway 1 to Sutliff Rd FM-C052( )--55-52 HMA Resurfacing with Base Widening	\$1,200,000 FM	560	2.75 mi.		
	19C	2019	120th Street NW - County Line to west Swisher including 965 to east Swisher LFM-120th--7X-52 HMA Resurfacing with Base Widening	\$3,900,000 \$1.6M '18 Bond, \$1.05M Local \$1.25M Fuel Tax	1640 - 4360	6.1 mi.		
	19D	2019	Herbert Hoover Hwy Phase 1 of 2 - I80 to Wapsi LFM-HHH-1--7X-52 Reconstruction	\$2,500,000 2019 Bond	2520	1.0 mi.		
FY20/21	20A	2020	IWV Road Phase 6 of 6 - Hebl to Hwy 218 STP-S-C052( )--5E-52 Grading, Structures and PCC Paving	\$3,700,000 \$1.385M FM, \$1.385M IA City \$930k Fed	2580	1.5 mi.	\$9.82 M = '20 Construction	
	20B	2020	540th Street - Highway 1 to Gable FM-C052( )--55-52 Reconstruction (Urban)	\$815,000 FM	950	0.35 mi.		
	20C	2020	O-32-1 Black Hawk Ave over Old Mans Creek L-O-32-1--73-52 Bridge Replacement	\$1,000,000 \$1.0M Fuel Tax	120	0.2 mi.		
	20D	2020	E-20-2 Black Hawk Ave over Branch of Clear Creek L-E-20-2--73-52 Bridge Replacement	\$300,000 \$300k Fuel Tax	240	0.2 mi.		
	20E	2020	Amana Road - Highway 965 to Greencastle LFM-Amana--7X-52 Grade, Macadam Stone Base, Choke Surface	\$1,500,000 FM	320 / 220	2.6 mi.		
	20F	2020	Herbert Hoover Hwy Phase 2 of 2 - Wapsi to 1 mile east LFM-HHH-2--7X-52 Reconstruction	\$2,500,000 2020 Bond	2520	1.0 mi.		

FY16 Bonding totals \$3,025,000 for IWV Road Phase 1 (\$325,000), IWV Road Phase 2 (\$200,000), IWV Road Phase 3 (\$2,000,000), and Ely Road Phase 3 (\$500,000)  
 FY17 Bonding totals \$2,500,000 for IWV Road Phase 3 (\$1,000,000), IWV Road Phase 4 (\$150,000), and IWV Road Phase 5 (\$1,350,000)  
 FY18 Bonding totals \$2,500,000 for IWV Road Phase 5 (\$900,000) and 120th Street (\$1,600,000)  
 FY19 Bonding totals \$2,500,000 for Herbert Hoover Highway Phase 1  
 FY20 Bonding totals \$2,500,000 for Herbert Hoover Highway Phase 2

MRP Project M16-1 totals \$84,000 and is funded in FY15 Budget  
 MRP Projects M16-2 and M16-3 total \$370,000 and are funded by the former FY17 Amana Road budget (\$290,000) and \$80,000 by Fuel Tax  
 MRP Projects M17-1 and M17-2 total \$350,000 and are funded by Fuel Tax  
 MRP Projects M18-1, M18-2, and M18-3 total \$450,000