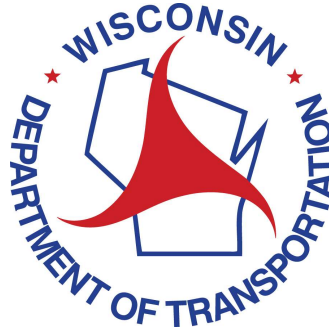




**Wisconsin Department of Transportation
Detail Cost Estimate**

Proposal ID: 20190514035

Proposal Description: Ripon - Auroraville; Green Lake Co Ln -
STH 21 Culverts

Spec Book: 03

Date Printed: 3/8/2019

Federal Project Number: wisc 2019305, 306

State Project Number: 6210-01-60

PROJECT ID	FEDERAL PROJECT NUMBER	PROJECT DESCRIPTION
6210-00-73	WISC 2019305	Ripon - Auroraville; Green Lake County Line To Sth 21
6210-01-60	WISC 2019306	Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts



Detail Estimate Cost Summary

Page 1 of 2

Proposal ID: 20190514035

Project ID: 6210-00-73

Project Description: Ripon - Auroraville; Green Lake County Line To Sth 21

Fund Package			Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
Fund	FED	Federal Funding					
Package	F80S20		748,080.13	89,769.61	837,849.74		837,849.74
Fund	FED	Totals	\$748,080.13	\$89,769.61	\$837,849.74		\$837,849.74
Fund	STATE	State Funding					
Package	F80S20		187,020.02	22,442.41	209,462.43		209,462.43
Fund	STATE	Totals	\$187,020.02	\$22,442.41	\$209,462.43		\$209,462.43
Project Total 6210-00-73			\$935,100.15	\$112,212.02	\$1,047,312.17		\$1,047,312.17



Detail Estimate Cost Summary

Page 2 of 2

Proposal ID: 20190514035

Project ID: 6210-01-60

Project Description: Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts

Fund Package			Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
Fund	STATE	State Funding					
Package	F80S20		40,827.56	4,899.31	45,726.87		45,726.87
Fund	STATE	Totals	\$40,827.56	\$4,899.31	\$45,726.87		\$45,726.87
Fund	FED	Federal Funding					
Package	F80S20		163,310.24	19,597.23	182,907.47		182,907.47
Fund	FED	Totals	\$163,310.24	\$19,597.23	\$182,907.47		\$182,907.47
Project Total 6210-01-60			\$204,137.80	\$24,496.54	\$228,634.34		\$228,634.34
Proposal Total 20190514035			\$1,139,237.95	\$136,708.56	\$1,275,946.51		\$1,275,946.51



Detail Cost Estimate

Proposal ID: 20190514035

Proposal Description: Ripon - Auroraville; Green Lake Co Ln - STH 21 Culverts

Project ID: 6210-00-73

Federal Project No.: WISC 2019305

Contract ID: 20190514035

Project Description: Ripon - Auroraville; Green Lake County Line To Sth 21

Category: 0010

Roadway

Funding Source(s) and Participation: 1 FED Federal Funding
1 STATE State Funding

80.00% 0.00
20.00% 0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 05

4r Maintenance - Resurfacing

Category Length: 0.0000 MILES

Fed Construction Class: LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	49.000	10.00000	490.00
0004	204.0120	Removing Asphaltic Surface Milling	SY	81,700.000	2.00000	163,400.00
0006	213.0100	Finishing Roadway (project) 01. 6210-00-73	EACH	1.000	1,200.00000	1,200.00
0008	305.0110	Base Aggregate Dense 3/4-Inch	TON	4,350.000	19.00000	82,650.00
0010	455.0605	Tack Coat	GAL	5,800.000	2.40000	13,920.00
0012	460.2000	Incentive Density HMA Pavement	DOL	5,060.000	1.00000	5,060.00
0014	460.5224	HMA Pavement 4 LT 58-28 S	TON	7,900.000	59.00000	466,100.00
0016	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	16,885.000	0.30000	5,065.50
0018	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6210-00-73	EACH	1.000	200.00000	200.00
0020	619.1000	Mobilization	EACH	0.600	50,000.00000	30,000.00
0022	624.0100	Water	MGAL	44.000	50.00000	2,200.00
0024	642.5001	Field Office Type B	EACH	1.000	4,000.00000	4,000.00
0026	643.0310.S	Temporary Portable Rumble Strips (project) 01. 6210-00-73	LS	1.000	6,900.00000	6,900.00
0028	643.0900	Traffic Control Signs	DAY	540.000	2.50000	1,350.00
0030	643.1000	Traffic Control Signs Fixed Message	SF	64.000	16.00000	1,024.00
0032	643.5000	Traffic Control	EACH	0.600	1,200.00000	720.00
0034	646.1020	Marking Line Epoxy 4-Inch	LF	14,850.000	0.85000	12,622.50
0036	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	46,800.000	1.30000	60,840.00
0038	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	300.000	3.00000	900.00
0040	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	14,850.000	1.00000	14,850.00



Detail Cost Estimate

Page 2 of 5

Proposal ID: 20190514035**Proposal Description:** Ripon - Auroraville; Green Lake Co Ln - STH 21 Culverts**Project ID:** 6210-00-73**Federal Project No.:** WISC 2019305**Contract ID:** 20190514035**Project Description:** Ripon - Auroraville; Green Lake County Line To Sth 21**Category:** 0010

Roadway

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0042	648.0100	Locating No-Passing Zones	MI	4.430	445.00000	1,971.35
0044	649.0105	Temporary Marking Line Paint 4-Inch	LF	93,600.000	0.30000	28,080.00
0046	650.8000	Construction Staking Resurfacing Reference	LF	23,390.000	0.12000	2,806.80
0048	650.9910	Construction Staking Supplemental Control (project) 01. 6210-00-73	LS	1.000	1,750.00000	1,750.00
0050	740.0440	Incentive IRI Ride	DOL	18,000.000	1.00000	18,000.00
0052	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	1,200.000	5.00000	6,000.00
0054	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	5.00000	3,000.00

Category 0010 Total: \$935,100.15**Eng & Contg:** \$112,212.02**Total:** \$1,047,312.17**Project 6210-00-73 Total:** \$935,100.15**Estimate Total:** \$935,100.15



Detail Cost Estimate

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Proposal ID: 20190514035

Proposal Description: Ripon - Auroraville; Green Lake Co Ln - STH 21 Culverts

Project ID: 6210-01-60

Federal Project No.: WISC 2019306

Contract ID: 20190514035

Project Description: Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts



Detail Cost Estimate

Proposal ID: 20190514035

Proposal Description: Ripon - Auroraville; Green Lake Co Ln - STH 21 Culverts

Project ID: 6210-01-60

Federal Project No.: WISC 2019306

Contract ID: 20190514035

Project Description: Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts

Category: 0010

Culverts

Funding Source(s) and Participation:

1 FED Federal Funding
1 STATE State Funding

80.00%

0.00

20.00%

0.00

Category Work Class: MISC

Miscellaneous Work

Fed Work Category: 06

4r Maintenance-Restoration&Rehabilitation

Category Length: 0.0000 MILES

Fed Construction Class: LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0002	203.0100	Removing Small Pipe Culverts	EACH	2.000	555.00000	1,110.00
0004	204.9060.S	Removing (item description) 01. Endwall	EACH	8.000	335.00000	2,680.00
0006	205.0100	Excavation Common	CY	1,490.000	15.00000	22,350.00
0008	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	810.000	23.00000	18,630.00
0010	455.0605	Tack Coat	GAL	105.000	2.40000	252.00
0012	460.2000	Incentive Density HMA Pavement	DOL	120.000	1.00000	120.00
0014	460.5224	HMA Pavement 4 LT 58-28 S	TON	180.000	59.00000	10,620.00
0016	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	6.000	1,000.00000	6,000.00
0018	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	2.000	1,100.00000	2,200.00
0020	522.0148	Culvert Pipe Reinforced Concrete Class III 48-Inch	LF	204.000	300.00000	61,200.00
0022	522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH	4.000	1,800.00000	7,200.00
0024	606.0100	Riprap Light	CY	13.000	200.00000	2,600.00
0026	619.1000	Mobilization	EACH	0.400	50,000.00000	20,000.00
0028	624.0100	Water	MGAL	9.000	50.00000	450.00
0030	625.0500	Salvaged Topsoil	SY	1,890.000	1.00000	1,890.00
0032	628.1504	Silt Fence	LF	1,550.000	3.00000	4,650.00
0034	628.1520	Silt Fence Maintenance	LF	1,550.000	1.00000	1,550.00
0036	628.1905	Mobilizations Erosion Control	EACH	2.000	300.00000	600.00
0038	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	350.00000	700.00
0040	628.2008	Erosion Mat Urban Class I Type B	SY	1,890.000	3.00000	5,670.00
0042	628.7555	Culvert Pipe Checks	EACH	22.000	40.00000	880.00
0044	629.0210	Fertilizer Type B	CWT	1.600	100.00000	160.00



Detail Cost Estimate

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Proposal ID: 20190514035**Proposal Description:** Ripon - Auroraville; Green Lake Co Ln - STH 21 Culverts**Project ID:** 6210-01-60**Federal Project No.:** WISC 2019306**Contract ID:** 20190514035**Project Description:** Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts**Category:** 0010

Culverts

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0046	630.0130	Seeding Mixture No. 30	LB	36.000	10.00000	360.00
0048	630.0200	Seeding Temporary	LB	51.000	7.00000	357.00
0050	633.5200	Markers Culvert End	EACH	12.000	50.00000	600.00
0052	638.2102	Moving Signs Type II	EACH	6.000	100.00000	600.00
0054	638.4000	Moving Small Sign Supports	EACH	4.000	25.00000	100.00
0056	643.0300	Traffic Control Drums	DAY	408.000	2.60000	1,060.80
0058	643.0310.S	Temporary Portable Rumble Strips (project) 02. 6210-01-60	LS	1.000	6,900.00000	6,900.00
0060	643.0900	Traffic Control Signs	DAY	120.000	2.50000	300.00
0062	643.5000	Traffic Control	EACH	0.400	1,200.00000	480.00
0064	645.0130	Geotextile Type R	SY	74.000	14.00000	1,036.00
0066	650.6000	Construction Staking Pipe Culverts	EACH	2.000	200.00000	400.00
0068	690.0150	Sawing Asphalt	LF	120.000	3.60000	432.00
0070	SPV.0060	Special 01. Lane Shift	EACH	4.000	5,000.00000	20,000.00

Category 0010 Total: \$204,137.80**Eng & Contg:** \$24,496.54**Total:** \$228,634.34**Project 6210-01-60 Total:** \$204,137.80**Estimate Total:** \$204,137.80**Proposal Estimate Total:** \$1,139,237.95**Proposal E&C Total:** \$136,708.56**Proposal 20190514035 Total:** \$1,275,946.51

Proposal ID: 20190514035

Project ID: 6210-01-60

Project Description: Ripon - Auroraville; Green Lake Co Ln To Sth 21 Culverts

Category	Cost	E & C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
0010	Culverts						
	204,137.80	12.00 %	24,496.54	228,634.34	F80S2 STATE 0	State Funding	45,726.87
					F80S2 FED 0	Federal Funding	182,907.47
					Category Total	0010	\$228,634.34
					Project Total	6210-01-60	\$228,634.34
					Proposal Total	20190514035	\$1,275,946.51