

Wisconsin Rail Plan 2030 - Narrative Spreadsheet Addendum #1 Adopted March 2020
Long-Range Rail Investment Program - Rail- Highway Interface Projects

ID	Project Schedule Date, State Fiscal Year	Project Title/Location	Project Limit/Location	WisDOT Program	Project Concept/Description	Estimated Total Cost	Public Benefits	Private Benefits	Correlation between Public Funding Contributions and Public Benefits	Notes
1	2020	75TH ST, C KENOSHA/V PLEASANT PRAIR	IH 94 TO 43RD AVE	MAJORS	RR/SURFACE 176 067U/UNION PACIFIC	\$100,000	This project will improve public safety; improve signal reliability; and decrease maintenance and signal outages.	This project will improve personal safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; and improve signal reliability for freight operations.	Major highway project funds used for this project will improve public safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; improve signal reliability; and decrease maintenance and signal outages.	Major highway project funding sources include federal, state and bond funds.
2	2020	STH 31	RAIL HWY CROSSING REPAIR 176-830R	RAILROAD CROSSING REPAIR	RR/CROSSING REPAIR	\$225,000	This series of projects will make improvements to existing at-grade rail-highway crossings, increasing public safety and reducing road maintenance costs.	This series of projects will make improvements to existing at-grade crossings, increasing personal safety and reducing wear and tear on private automobiles.	Crossing repair funds used for this project will improve public safety and reduce road maintenance costs at these existing at-grade crossings.	Railroad Crossing Repair projects are 85 percent state funds; 15 percent railroad company funding match.
3	2020	STH 44/49 WSOR RR XING SURFACE	387487G TOWN OF METOMEN MP 163.4	RAILROAD CROSSING REPAIR	CONST/RR CROSSING REPAIR	\$116,863				
4	2020	V CAMERON, SAFE ROUTES TO SCHOOL	WIDENING RAIL CROSSING 186054V	SAFE ROUTES TO SCHOOL	WCL RAILROAD XING/SRTS TAP PROGRAM	\$30,000	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Transportation Alternatives Program funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	Funded through the Transportation Alternatives Program with 80% federal funds and 20% local funds.
5	2020	V CAMERON, SAFE ROUTES TO SCHOOL	WIDENING RAIL CROSSING 691200P	SAFE ROUTES TO SCHOOL	WCL RAILROAD XING/SRTS TAP PROGRAM	\$30,000				
6	2020	V CAMERON, SAFE ROUTES TO SCHOOL	WIDENING RAIL CROSSING 691201W	SAFE ROUTES TO SCHOOL	WCL RAILROAD XING/SRTS TAP PROGRAM	\$30,000				
7	2020	C ABBOTSFORD, SRTS IMPROVEMENTS	WIDENING RAIL CROSSING 699447W	SAFE ROUTES TO SCHOOL	WCL RAIL CROSSING/SRTS TAP PROGRAM	\$30,000				
8	2020	C APPLETON, MEMORIAL DR/COLLEGE AVE	CN XING SIGNAL 179939S	SAFETY - RAILROAD WARNING DEVICE	RR/ MISC-RR CROSSING SIGNAL 179939S	\$191,900				
9	2020	C APPLETON, APPLETON AND PACKARD ST	CN XING SIGNAL 179945V	SAFETY - RAILROAD WARNING DEVICE	CONST/MISC RR XING SIGNAL 179945V	\$191,900				
10	2020	C APPLETON,FRANKLIN AND DIVISION ST	CN XING SIGNAL 179942A	SAFETY - RAILROAD WARNING DEVICE	CONST/MISC RR XING SIGNAL 179942A	\$191,900				
11	2020	C JANESVILLE, WEST COURT STREET	UNION PACIFIC RR XING 177418U	SAFETY - RAILROAD WARNING DEVICE	CONST OPS/CROSSING UPGRADE	\$310,643	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.		The funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.
12	2020	STONEFIELD ROAD, TOWN OF CASSVILLE	BNSF RR CROSSING 069944K	SAFETY - RAILROAD WARNING DEVICE	RR/LIGHTS, GATES, TIME CIRCUITRY	\$227,250				
13	2020	V MERRILLAN, HAMMOND STREET	UNION PACIFIC RAILROAD 184025D	SAFETY - RAILROAD WARNING DEVICE	RR OPS/ADD GATE TO RR SIGNALS	\$75,750				
14	2020	C SUPERIOR, TOWER AVENUE	BNSF RAIL X-ING 082857M & 082858U	SAFETY - RAILROAD WARNING DEVICES	RHCSP/RAIL SFTY/INTERCONNECT SGNLS	\$750,000				
15	2020	CITY OF MADISON, SYCAMORE AVE	WSOR X-ING 392213R	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/INTERCONNECTION	\$50,500				
16	2020	CITY OF MADISON, SYCAMORE AVE	WSOR X-ING 392213R	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$70,700				
17	2020	T OAK GROVE, STH 26	WSOR X-ING 387053U	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
18	2020	T OF HUBBARD, CTH S	WSOR RR X-ING 387042G	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$215,612				

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19	2020	C OF WAUKESHA, GRANDVIEW BLVD	WSOR RR X-ING 910742F	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$252,500								
20	2020	C OF WAUKESHA, PRAIRIE AVENUE	WSOR RR X-ING 177310K	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
21	2020	T RICHFIELD, MAYFIELD/PLEASANT HILL	WSOR RR X-ING 386998N & 387001C	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$362,164								
22	2020	FRA STEP GRANT RR SIGNAL IMPROVEMTS	VAR LOCATIONS WAUKESHA CO CP RAILWY	SAFETY OCR - RAILROAD WARNING DE	EX-RR OPS/SAFETY/SIGNALS & GATES	\$3,384,021								
23	2020	C OF GREEN BAY, ASHLAND AVENUE	WCL RR X-ING 281425M	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$303,000								
24	2020	T OF LITTLE SUAMICO, ALLEN RD	ELS X-ING 388692R	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS	\$38,247								
25	2020	T OF SUPERIOR, CTH C	BNSF RR X-ING 067760D	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$185,878								
26	2020	T OF HERMAN, CTH WS	WSOR X-ING 387035W	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNAL & GATES	\$232,300								
27	2020	TOWN OF LOWELL, CTH I	UP X-ING 179132H	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$265,652								
28	2020	C OF MILWAUKEE, GOOD HOPE ROAD	WSOR X-ING 386972L	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$303,000								
29	2020	C OF OSHKOSH, SHERMAN ROAD	WCL X-ING 690221E	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
30	2020	C EAU CLAIRE, STARR AVENUE	UNION PACIFIC RR X-ING 185871U	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS/GATES	\$300,932								
31	2020	C EAU CLAIRE, MELBY STREET	UNION PACIFIC RR X-ING 185889E	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS/GATES	\$303,000								
32	2020	V LAKE HALLIE, 40TH STREET	UNION PACIFIC RR X-ING 185937S	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS/GATES	\$252,500								
33	2020	T OF ADAMS, CTH K	CN RR X-ING 281705P	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS & GATES	\$222,200	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Office of the Commissioner of Railroads funds for these projects will improve public safety; improve on-time performance; and decrease maintenance and signal outages.	Office of the Commissioner of Railroads - Warning Devices program: 65 percent federal funds; 35 percent state funds (this ratio can be adjusted by OCR based on state funds available).				
34	2020	T OF ADAMS, CTH E	CN RR X-ING 281708K	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS & GATES	\$230,817								
35	2020	Town of Stanton, CTH Q	UP X-ING 183887J	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR SIGNALS & GATES	\$222,200								
36	2020	VILLAGE OF KNAPP, CTH O	UP X-ING 183894U	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$101,000								
37	2020	T OF MENOMONIE, CTH BB	UP X-ING 183907T	SAFETY OCR - RAILROAD WARNING DE	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$101,000								
38	2020	T RED CEDAR, CTH B	UNION PACIFIC X-ING 183913W	SAFETY OCR - RAILROAD WARNING DE	RR OPS SAFETY/OCR/SIGNALS & GATES	\$454,500								
39	2020	ZOO IC, UPRR CROSSING NO 177 262X	UPRR OVER USH 45	SE FREEWAY-ZOO INTERCHANGE	RR/CROSSING IMPROVEMENT	\$80,000					These projects will increase public safety; increase system reliability, efficiency and travel times.	These projects will improve personal safety, and increase reliability, efficiency and speed of freight operations.	Southeastern Wisconsin Freeway funds used on this project will provide increased safety for rail and highway travelers and improve freight operations.	Fed/State/Other funding split varies for some Rail-Highway Interface projects. It can be assumed that some combination of federal and state funds are used for all.
40	2020	ZOO IC, UPRR CROSSING NO 177 262X	UPRR OVER USH 45	SE FREEWAY-ZOO INTERCHANGE	RR/CROSSING IMPROVEMENT	\$500,000								
41	2020	C LADYSMITH, LAKE AVENUE & E 3RD ST	WISCONSIN CNTRL LTD RR XING 697314X	STATE 3R	RR OPS/SIGNAL INSTALLATION	\$202,000								
42	2020	C LADYSMITH, LAKE AVENUE & E 3RD ST	WISCONSIN CNTRL LTD RR XING 697314X	STATE 3R	RR OPS/SURFACE/WIDEN FOR SIDEWALK	\$50,500								
43	2020	BRAUN ROAD	CTH H TO 90TH STREET	STATE 3R	RR/UPGRADE RR WARNING DEVICES	\$250,000								
44	2020	BRAUN ROAD	CTH H TO 90TH STREET	STATE 3R	RR/INSTALL NEW RR CROSSING SURFACE	\$260,000								

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45	2020	CTH KR, CANADIAN PACIFIC RAIL ROAD	CPRR TEMPORARY CROSSING	STATE 3R	RR/CPRR	\$40,000	This series of projects will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	State 3R program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Fed/State/Other funding split varies for some Rail-Highway Interface projects. It can be assumed that some combination of federal and state funds are used for all.
46	2020	CTH KR, UNION PACIFIC RAIL ROAD	UPRR TEMPORARY CROSSING	STATE 3R	RR/UPRR	\$20,000				
47	2020	GREEN BAY-KEWAUNEE	WCL RR XING SURFACE 181499D	STATE 3R	CONST/MISC RR SURFACE 181499D	\$126,250				
48	2020	VILLAGE OF CEDAR GROVE	UPRR XING SURFACE 180176E	STATE 3R	CONST/RESURF IMPROVEMENT 180176E	\$89,021				
49	2020	SHAWANO - NEOPIT	SHAWANO CREEK TO MENOMINEE CO LINE	STATE 3R	RAIL CROSSING/SIGNALS 697656X	\$292,900				
50	2020	SHAWANO - NEOPIT	SHAWANO CREEK TO MENOMINEE CO LINE	STATE 3R	RAIL CROSSING/SURFACE 697656X	\$111,100				
51	2020	DEXTERVILLE - WISCONSIN RAPIDS	SWANSON ROAD TO SENECA ROAD	STATE 3R	RAILROAD CROSSING/SURFACE 392-710T	\$122,212				
52	2020	GLENWOOD CITY - COLFAX	CANANDIAN NATIONAL RAILROAD 693002B	STATE 3R	RR OPS/RAILROAD CROSSING REPAIR	\$75,000				
53	2020	CTH S	UNION PACIFIC RR XING 176893V	STP URBAN 50,000 - 200,000	RR/RR WARNING DEVICES	\$250,000	This series of projects will improve public safety; improve signal reliability; and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	Local Surface Transportation Program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Funded with 80 percent federal funds and 20 percent state/local funds.
54	2020	CTH S	UNION PACIFIC RR XING 176893V	STP URBAN 50,000 - 200,000	RR/NEW RR CROSSING SURFACE	\$100,000				
55	2020	NORTH AVENUE	CANADIAN PACIFIC & 390516T, 695498T	STP URBAN OVER 200,000	RR/UPGRADE RR WARNING DEVICES	\$500,000				
56	2020	NORTH AVENUE	CANADIAN PACIFIC & CROSSING 390516T	STP URBAN OVER 200,000	RR/UPGRADE RR CROSSING SURFACE	\$180,000				
57	2020	NORTH AVENUE	CANADIAN PACIFIC & CROSSING 695498T	STP URBAN OVER 200,000	RR/UPGRADE RR CROSSING SURFACE	\$120,000				
58	2021	THAYER ST, C OF PLYMOUTH	CROSSING NO 387097U MP139.27	SAFETY - RAILROAD WARNING DEVICE	CONST-MISC RR CROSSING SAFETY	\$232,300	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	The funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	The funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.
59	2021	REED ST, C OF PLYMOUTH	CROSSING NO 387099H MP139.14	SAFETY - RAILROAD WARNING DEVICE	CONST-MISC RR CROSSING SAFETY	\$232,300				
60	2021	MILWAUKEE AIRPORT 2ND PLATFORM	RR CROSSING 393023R TO 1200FT SOUTH	SAFETY - RAILROAD, ELIMINATION OF HAZARDS	EX- RR/RR CROSSING IMPROVEMENT	\$404,000				
61	2021	C OF MILTON, PARKVIEW DRIVE	WSOR X-ING 391630W	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$272,700	This series of projects will improve public safety; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve public safety; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	The funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	The funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.
62	2021	T OF LA PRAIRIE, CTH J	UP X-ING 177983X	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$252,500				
63	2021	T OF LIMA, CTH KK	WSOR X-ING 391616B	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
64	2021	C JANESVILLE, DELAVAN DR AT CHERRY	WSOR X-ING 392408D	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$277,750				
65	2021	V OF NORTH PRAIRIE, CTH E	WSOR RR X-ING 391544A	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$252,500				
66	2021	V OF WEST MILWAUKEE, BURNHAM ST	UP X-ING 177215P	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$303,000				
67	2021	C HARTFORD, WILSON AVENUE	WSOR X-ING 387016S	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
68	2021	T OF EAGLE, CTH S	WSOR RR X-ING 391563E	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$212,100				

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Short-term (2020-2025)	69	2021	T OF HARTFORD, HILLDALE DRIVE	WSOR RR X-ING 387013W	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$242,400	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Office of the Commissioner of Railroads funds for these projects will improve public safety; improve on-time performance; and decrease maintenance and signal outages.	Office of the Commissioner of Railroads - Warning Devices program: 65 percent federal funds; 35 percent state funds (this ratio can be adjusted by OCR based on state funds available).				
	70	2021	C OF MANITOWOC, MEADOW LANE	WCL X-ING 689795X	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
	71	2021	C OF RIPON, STH 23, SULLIVAN ST	WSOR X-ING 387553S	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$272,700								
	72	2021	C OF RIPON, SULLIVAN ST	WSOR RR X-ING 387577F	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
	73	2021	T OF DUNBAR, CTH O	WCL X-ING 694067X	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
	74	2021	V SUAMICO, BROWN RD	ELS X-ING 388693X	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS	\$181,800								
	75	2021	V OF PLOVER, STH 54	WCL X-ING 693765M	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300								
	76	2021	V OF ROTHSCHILD, MILITARY RD	WCL X-ING 392801Y	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200								
	77	2021	C OF SUPERIOR, 58TH STREET	WCL RR X-ING 697407S	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$227,250								
	78	2021	C OF MILWAUKEE, CALUMET ROAD	WSOR X-ING 386973T	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$202,478								
	79	2021	COUNTRY MEADOWS RD	MARINETTE	SAFETY OCR - RAILROAD WARNING DEVICES	CN CROSSING SIGNALS & GATES	\$222,200								
	80	2021	TREMPEALEAU - FOUNTAIN CITY	WCL RR XING 281844K	SHR BRIDGES	RR OPS/RAIL CROSSING SURFACE	\$184,830					This project will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	State Highway Rehabilitation program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Funded with 80 percent federal funds and 20 percent state/local funds.
	81	2021	MONROE - BRODHEAD	WISC & SOUTHERN RR XING 392473J	STATE 3R	RR OPS/ CROSSING REPAIR/ RESURFACE	\$71,300					This series of projects will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	State 3R program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Fed/State/Other funding split varies for some Rail-Highway Interface projects. It can be assumed that some combination of federal and state funds are used for all.
	82	2021	MONROE - BRODHEAD	WISC & SOUTHERN RR XING 392473J	STATE 3R	RR OPS/ FLASHING LIGHT SIGNALS	\$252,500								
	83	2021	STH 57-VIL BROWN DEER & CITY MEQUON	TEUTONIA AVENUE TO MEQUON ROAD	STATE 3R	RR/CROSSING SURFACE/NO 386 836L	\$125,000								
84	2021	STH 57-VIL BROWN DEER & CITY MEQUON	TEUTONIA AVENUE TO MEQUON ROAD	STATE 3R	RR/CROSSING SIGNALS/NO 386 836L	\$400,000									
85	2021	SHARON - WALWORTH	SALT BOX ROAD TO USH 14	STATE 3R	RR/177027A/UPGRDE RR WARNING DVCS	\$250,000									
86	2021	SHARON - WALWORTH	SALT BOX ROAD TO USH 14	STATE 3R	RR/177027A/INSTALL NEW RR XING SRFC	\$150,000									
87	2021	BABCOCK - NEKOOSA	CTH G (N) TO STH 73 CN RR	STATE 3R	CONST/OPS SIGNAL/910778N,MP 43.90	\$303,000									
88	2021	BABCOCK - NEKOOSA	CTH G (N) TO STH 73 CN RR	STATE 3R	CONST/OPS SURFACE/910778N,MP 43.90	\$404,000									
89	2021	GLENWOOD CITY - COLFAX	WCL/CN RR XING 692983R	STATE 3R	RR OPS/SIGNAL INSTALLATION	\$303,000									
90	2021	TOWN OF BELOIT, INMAN PARKWAY	USH 51 TO CTH G	STP URBAN 50,000 - 200,000	R/R OPS/SIDEWALK CROSSING	\$35,500									
91	2021	CALHOUN RD	CANADIAN PACIFIC (390 520H)	STP URBAN OVER 200,000	RR/CROSSING IMPROVEMENTS 390 520H	\$183,000	This series of projects will improve public safety; improve signal reliability; and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	Local Surface Transportation Program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Funded with 80 percent federal funds and 20 percent state/local funds.					
92	2021	CALHOUN RD	CANADIAN PACIFIC (390 520H)	STP URBAN OVER 200,000	RR SIGNALS & GATE 390 520H	\$250,000									
93	2021	CALHOUN RD	CANADIAN PACIFIC (390 517A)	STP URBAN OVER 200,000	RR CROSSING IMPROVEMENTS 390 517A	\$210,000									
94	2021	CALHOUN RD	CANADIAN PACIFIC (390 517A)	STP URBAN OVER 200,000	RR SIGNALS & GATE 390 517A	\$250,000									
95	2021	C MADISON, CAPITAL CITY PATH SG 4-6	WSOR RR CROSSING 177336M	TAP > 200,000	RR/AT-GRADE CROSSING IMPROVEMENT	\$50,500									

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96	2022	STH 76-NEW LONDON	WCL XING SURFACE 181840G	MAJORS	CONST/MISC RESURF HWY/TRAIL/RRGRADE	\$252,500	This project will improve public safety; improve signal reliability; and decrease maintenance and signal outages.	This project will improve personal safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; and improve signal reliability for freight operations.	Major highway project funds used for this project will improve public safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; improve signal reliability; and decrease maintenance and signal outages.	Major highway project funding sources include federal, state and bond funds.
97	2022	STH 76-NEW LONDON	WCL XING SIGNALS & GATES 181840G	MAJORS	CONST/MISC INSTALL GATES 693839C	\$303,000				
98	2022	C JANESVILLE, BELOIT AVE	WSOR X-ING 392402M	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$224,422	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Office of the Commissioner of Railroads funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	Office of the Commissioner of Railroads - Warning Devices program: 65 percent federal funds; 35 percent state funds (this ratio can be adjusted by OCR based on state funds available).
99	2022	T OF DUNN, CTH AB	WSOR RR X-ING 391701R	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$224,422				
100	2022	C EDGERTON, IKI DRIVE	WSOR X-ING 387665R	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$277,750				
101	2022	T OF JEFFERSON, CTH K	WSOR X-ING 392488Y	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
102	2022	T OF LA PRAIRIE, READ ROAD	WSOR X-ING 392397T	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
103	2022	T OF FULTON, NEWVILLE ROAD	WSOR X-ING 391643X	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
104	2022	T OF FULTON, KIDDER ROAD	WSOR X-ING 391646T	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
105	2022	T OF RUBICON, CTH P	WSOR X-ING 387029T	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
106	2022	V OF SLINGER, KETTLE MORAIN DR	WSOR RR X-ING 387011H	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$303,000				
107	2022	V OF SLINGER, HARTFORD RD	WSOR RR X-ING 387012P	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$242,400				
108	2022	T OF CHILTON, CTH PP	WCL X-ING 386770N	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
109	2022	GREEN BAY, DANZ AVENUE	WCL X-ING 281411E	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$277,750				
110	2022	T OF TEXAS, CTH WW/SECOND ST	WCL X-ING 392852J	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
111	2022	T OF LA FAYETTE, CTH K	WCL RR X-ING 692902N	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$242,400				
112	2022	T OF SIEGEL, CTH XX	WCL RR X-ING 692897U	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
113	2022	T OF AURORA, RIVERSIDE DRIVE	WCL RR X-ING 697271G	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$242,400				
114	2022	V OF SOLON SPRINGS, JACK PINE AVE	WCL RR X-ING 186095A	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
115	2022	V OF SOLON SPRINGS, MARION AVE	WCL RR X-ING 186096G	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
116	2022	T BENNETT, TOWN LINE RD	WCL RR X-ING 186106K	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$202,000				
117	2022	CTH P, T OF RUBICON	FRA X-ING 387029T	SAFETY OCR - RAILROAD WARNING DEVICES	WSOR X-ING SIGNAL & GATES	\$232,300				
118	2022	C MELLE, MAIN STREET	WISCONSIN CENTRAL LTD RR 699392L	STATE 3R	RR/UPGRADE RAIL CROSSING	\$252,500	This series of projects will			Fed/State/Other funding split varies for some Rail-Highway Interface
119	2022	C LACROSSE, SOUTH AVENUE	GREEN BAY STREET TO WARD AVENUE	STATE 3R	RR/SURFACE	\$101,000				

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 Long-Range Rail Investment Program - Rail- Highway Interface Projects

ID	Project Schedule Date, State Fiscal Year	Project Title/Location	Project Limit/Location	WisDOT Program	Project Concept/Description	Estimated Total Cost	Public Benefits	Private Benefits	Correlation between Public Funding Contributions and Public Benefits	Notes
120	2022	OCONOMOWOC - MAYVILLE	WISC & SOUTHERN RR XING 389029A	STATE 3R	RR OPS/ CROSSING REPAIR/ RESURFACE	\$98,500	This series of projects will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	State 3R program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	projects. It can be assumed that some combination of federal and state funds are used for all.
121	2022	OCONOMOWOC - MAYVILLE	WISC & SOUTHERN RR XING 389029A	STATE 3R	RR OPS/ FLASHING LIGHT SIGNALS	\$252,500				
122	2022	C MADISON, S BLAIR ST/JOHN NOLAN DR	WSOR RR XING 177820N	STATE 3R	RR OPS/CROSSING UPGRADE	\$654,500				
123	2023	T OF HERMAN, CTH WS	WSOR X-ING 387035W	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNAL & GATES	\$232,300	This series of projects will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This series of projects will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Office of the Commissioner of Railroads funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	The use of Office of the Commissioner of Railroads funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.
124	2023	T TURTLE, CREEK ROAD	UP X-ING 177976M	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
125	2023	V PALMYRA, S THIRD ST	WSOR X-ING 391574S	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
126	2023	V PALMYRA, CTH H / MAIN ST	WSOR X-ING 391577M	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
127	2023	V PALMYRA, NORTHWEST ST	WSOR X-ING 391579B	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
128	2023	V PALMYRA, BURR OAK ST	WSOR X-ING 391580V	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$232,300				
129	2023	CITY OF MILWAUKEE, N 91ST ST	WSOR RR X-ING 386974A	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$252,500				
130	2023	C MANITOWOC, CUSTER ST	WCL X-ING 181166C & 181167J	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$555,500				
131	2023	T OF SUPERIOR, CTH C	BNSF RR X-ING 086403C	SAFETY OCR - RAILROAD WARNING DEVICES	RR OPS/SAFETY/OCR/SIGNALS & GATES	\$222,200				
132	2023	BERGEN - EMERALD GROVE	WISC & SOUTHERN RR XING 387963R	STATE 3R	RR OPS/ CROSSING REPAIR/ RESURFACE	\$80,300				
133	2023	PLAINFIELD - WISCONSIN RAPIDS	STH 173 TO STH 54	STATE 3R	RAIL/CROSSING SURFACE 392709Y	\$121,200				
134	2023	BABCOCK - NEKOOSA	STH 80 NB TO CRANBERRY BRIDGE	STATE 3R	RAIL CROSSING SIGNALS 392695T	\$227,250				
135	2024	STH 15-NEW LONDON	USH 45, WCL XING SURFACE 693839C	MAJORS	CONST/MISC RR 693839C SURFACE	\$202,000	This series of projects will improve public safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; improve signal reliability; and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; and improve signal reliability for freight operations.	Major highway project funds used for this project will improve public safety; reduce conflicts between trains, automobiles, bicycles and pedestrians; improve signal reliability; and decrease maintenance and signal outages.	Major highway project funding sources include federal, state and bond funds.
136	2024	STH 15-NEW LONDON	USH 45, WCL XING SIG/GATES 693839C	MAJORS	CONST/MISC RR SIG/GATES 693839C	\$227,250				
137	2024	PRENTICE - BRADLEY	CTH YY TO TRACY ROAD	STATE 3R	RAIL CROSSING SIGNALS 691-736A	\$181,800	This series of projects will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles;	State 3R program funds will improve public safety,	Fed/State/Other funding split varies for some Rail-Highway Interface projects. It can be assumed that some combination of
138	2024	PRENTICE - BRADLEY	CTH YY TO TRACY ROAD	STATE 3R	RAIL CROSSING SURFACE 691-736A	\$50,500				
139	2024	ELMWOOD - STH 64	WCL RR XING 693015C MP 396.24	STATE 3R	RR OPS/INSTALL SIGNALS AND GATES	\$252,500				

Wisconsin Rail Plan 2030 - Narrative Spreadsheet Addendum #1 Adopted March 2020
 Long-Range Rail Investment Program - Rail- Highway Interface Projects

ID	Project Schedule Date, State Fiscal Year	Project Title/Location	Project Limit/Location	WisDOT Program	Project Concept/Description	Estimated Total Cost	Public Benefits	Private Benefits	Correlation between Public Funding Contributions and Public Benefits	Notes
140	2024	ELMWOOD - STH 64	WCL RR XING 693015C MP 396.24	STATE 3R	RR OPS/INSTALL NEW CROSSING SURFACE	\$75,750	reliability, and decrease maintenance and signal outages.	and improve signal reliability for freight operations.	reduce conflicts, and improve signal reliability at these locations.	federal and state funds are used for all.
141	2025	West Allis Cross-Town Connector	Bike and Pedestrian Trail	LOCAL ENHANCEMENTS	R.R./Bike/ped facility	\$400,000	This project will improve public safety by reducing interference between trains and automobiles; improve signal reliability; improve on-time performance; enhance operating safety; decrease maintenance and signal outages.	This project will improve personal safety; improve communication and signal reliability for freight operations; enhance the quality of freight service, while reducing freight train delays and operational conflicts with passenger trains.	The use of Transportation Alternatives Program funds for these projects will improve public safety; improve signal reliability; improve on-time performance; and decrease maintenance and signal outages.	Funded through the Transportation Alternatives Program with 80% federal funds and 20% local funds.
142	2025	WATERTOWN - WAUPUN	WISC & SOUTHERN RR XING 387053U	STATE 3R	RR OPS/ CROSSING REPAIR/ RESURFACE	\$60,600	This series of projects will improve public safety, improve signal reliability, and decrease maintenance and signal outages.	This series of projects will improve personal safety; reduce conflicts between trains and automobiles; and improve signal reliability for freight operations.	State 3R program funds will improve public safety, reduce conflicts, and improve signal reliability at these locations.	Fed/State/Other funding split varies for some Rail-Highway Interface projects. It can be assumed that some combination of federal and state funds are used for all.
143	2025	WATERTOWN - WAUPUN	WISC & SOUTHERN RR XING 387053U	STATE 3R	RR OPS/ FLASHING LIGHT SIGNALS	\$217,200				
144	2025	WATERTOWN - WAUPUN	WISC & SOUTHERN RR XING 387632D	STATE 3R	RR OPS/ CROSSING REPAIR/ RESURFACE	\$106,100				
145	2025	WATERTOWN - WAUPUN	WISC & SOUTHERN RR XING 387632D	STATE 3R	RR OPS/ FLASHING LIGHT SIGNALS	\$217,200				

Program definitions:

Backbone (non-SE WI) Program - this sub-program manages funding for improvement projects on designated Backbone System routes not in WisDOT's Southeast Region. Sometimes railroads are within project limits.

Surface Transportation Program (STP) - see Chapter 10 - Funding Wisconsin's Rail System Investments for more information

Major Highway Development program or "Majors" - Major Highway Development project candidates are those with costs greater than \$30 million, indexed to current fiscal year and must include at least one of the following: constructs a new highway 2.5 or more miles long; relocates 2.5 or more miles of existing highway; adds at least one lane 5 or more miles in length to the existing highway; or improves to freeway standards 10 or more miles of an existing divided highway with at least two lanes in each direction

Railroad Crossing Repair - this program manages the funding WisDOT reimburses railroad companies for 85 percent of the costs they incur in repairing the highway surface at rail-highway grade crossings. Only projects on the State Highway System are eligible for this state-funded program

WisDOT Rail-Highway Crossing Safety program (Warning Devices and Crossing Elimination of Hazards) - Warning Devices projects primarily involve active warning device installations and upgrades. Engineering assessment and benefit-cost analysis justify the appropriate warning device configuration for a specific crossing; Crossing Elimination of Hazards projects improve crossing geometrics or eliminate at-grade crossings with a separation structure or crossing closure

OCR Safety: Railroad Warning Devices - Wisconsin's Office of the Commissioner of Railroads (OCR) has statutory authority and supportive funding to investigate existing warning devices at rail-highway crossings for adequacy and to order appropriate improvements to those warning devices determined to be inadequate for protecting public safety. Both WisDOT and the OCR manage programs that provide funding for rail-highway crossing safety improvements, the difference being the OCR program is limited to warning devices only.

SE Freeway - The Southeast Freeway sub-program manages funding for improvement projects on the 270 miles of Interstate and non-Interstate freeways crossing the seven southeastern Wisconsin counties in and around Milwaukee. Sometimes railroads are within project limits.

State 3R - The State 3R (resurfacing, reconditioning, reconstruction) sub-program's objective is to identify and evaluate system needs, and select appropriate levels of improvement to maintain an acceptable level of service on the State Trunk Highway system while staying within dollar allocations. Sometimes railroads are within project limits.

CMAQ - see Chapter 10 - Funding Wisconsin's Rail System Investments for more information about the Congestion Mitigation and Air Quality program.

Local Enhancements - see Chapter 10 - Funding Wisconsin's Rail System Investments for more information

Note: Costs are estimated project delivery costs for only the rail component(s) of each project.