

IDOT Grant Submission: EW2A Estimate

NOTE: majority of \$0 scope rows have been hidden for ease of review.

Item #	Item Description	Current Year (mid-2023) Estimated Costs			
		Quantity	Unit	Unit Price	Direct Cost
1.0	Removals / Demolition				\$1,687,500
g	Stage A-1 Removals/Demolition	3		(*)	\$375,000
i	Ashland Ave	1	LS	\$125,000	\$125,000
ii	Racine Ave	1	LS	\$125,000	\$125,000
iii	Union Ave/76th St	1	LS	\$125,000	\$125,000
h	Stage A-2 Removals/Demolition	3		(*)	\$437,500
i	Damen Ave	1	LS	\$125,000	\$125,000
ii	Ashland Ave	1	LS	\$62,500	\$62,500
iii	Union Ave/76th St	1	LS	\$250,000	\$250,000
i	Stage A-3 Removals/Demolition	5		(*)	\$750,000
i	Western Ave	1	LS	\$125,000	\$125,000
ii	Damen Ave	1	LS	\$312,500	\$312,500
iii	Ashland Ave	1	LS	\$62,500	\$62,500
iv	Loomis Ave	1	LS	\$125,000	\$125,000
v	Union Ave/76th St	1	LS	\$125,000	\$125,000
j	Stage A-4 Removals/Demolition	1		(*)	\$125,000
i	Union Ave/76th St	1	LS	\$125,000	\$125,000
2.0	Civil - Earthwork				\$6,750,000
m	Stage A-1 Civil/Earthwork	3		(*)	\$1,500,000
i	Ashland Ave	1	LS	\$500,000	\$500,000
ii	Racine Ave	1	LS	\$500,000	\$500,000
iii	Union Ave/76th St	1	LS	\$500,000	\$500,000
n	Stage A-2 Civil/Earthwork	3		(*)	\$1,750,000
i	Damen Ave	1	LS	\$500,000	\$500,000
ii	Ashland Ave	1	LS	\$250,000	\$250,000
iii	Union Ave/76th St	1	LS	\$1,000,000	\$1,000,000
o	Stage A-3 Civil/Earthwork	5		(*)	\$3,000,000
i	Western Ave	1	LS	\$500,000	\$500,000
ii	Damen Ave	1	LS	\$1,250,000	\$1,250,000
iii	Ashland Ave	1	LS	\$250,000	\$250,000
iv	Loomis Ave	1	LS	\$500,000	\$500,000
v	Union Ave/76th St	1	LS	\$500,000	\$500,000
p	Stage A-4 Civil/Earthwork	1		(*)	\$500,000
i	Union Ave/76th St	1	LS	\$500,000	\$500,000
3.0	Trackwork				\$37,774,589
h	Stage A-1 Track Construction	(*)		(*)	\$8,210,433
i	Track Shift, Includes 33% Tie Renewal (METRA)	410	TF	\$485	\$198,850
ii	Construct Track (METRA)	320	TF	\$485	\$155,200
i	Track Shift, Includes 33% Tie Renewal (C&WI)	670	TF	\$485	\$324,950
ii	Construct Track (C&WI)	1080	TF	\$485	\$523,800
i	Track Shift, Includes 33% Tie Renewal (NS)	850	TF	\$485	\$412,250
ii	Construct Track (NS)	250	TF	\$485	\$121,250
i	Track Shift, Includes 33% Tie Renewal (BRC)	4,945	TF	\$485	\$2,398,325
ii	Construct Track (BRC)	4,530	TF	\$485	\$2,197,050
i	Track Shift, Includes 33% Tie Renewal (Emerald Wye)	1,550	TF	\$485	\$751,750
ii	Construct Track (Emerald Wye)	0	TF	\$485	\$0
iii	Construct & Remove Temporary No.20 Turnout (Emerald Wye)	1	EA	\$450,090	\$450,090
i	Remove Track	10,635	TF	\$64	\$676,918
i	Stage A-2 Track Construction	(*)		(*)	\$13,725,655
i	Track Shift, Includes 33% Tie Renewal (METRA)	540	TF	\$485	\$261,900
ii	Construct Track (METRA)	980	TF	\$485	\$475,300
i	Track Shift, Includes 33% Tie Renewal (C&WI)	920	TF	\$485	\$446,200
ii	Construct Track (C&WI)	0	TF	\$485	\$0
i	Track Shift, Includes 33% Tie Renewal (NS)	1,640	TF	\$485	\$795,400
ii	Construct Track (NS)	940	TF	\$485	\$455,900
i	Track Shift, Includes 33% Tie Renewal (BRC)	15,890	TF	\$485	\$7,706,650
ii	Construct Track (BRC)	0	TF	\$485	\$0
iii	Construct & Remove Temporary No.15 Turnout (BRC)	1	EA	\$450,090	\$450,090
iv	Construct & Remove Temporary No.20 Turnout (BRC)	2	EA	\$450,090	\$900,180
i	Track Shift, Includes 33% Tie Renewal (Emerald Wye)	965	TF	\$485	\$468,025
ii	Construct Track (Emerald Wye)	790	TF	\$485	\$383,150
i	Remove Track	21,726	TF	\$64	\$1,382,860
j	Stage A-3 Track Construction	(*)		(*)	\$12,113,503
i	Track Shift, Includes 33% Tie Renewal (METRA)	1,980	TF	\$485	\$960,300
ii	Construct Track (METRA)	3,879	TF	\$485	\$1,881,315
iii	Construct & Remove Temporary No.15 Turnout (METRA)	2	EA	\$450,090	\$900,180
i	Construct Track (C&WI)	0	TF	\$485	\$0

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Item #	Item Description	Quantity	Unit	Unit Price	Direct Cost
i	Track Shift, Includes 33% Tie Renewal (NS)	5,060	TF	\$485	\$2,454,100
ii	Construct Track (NS)	2,840	TF	\$485	\$1,377,400
iii	Turnout Removal (NS at Western)	1	EA	\$27,265	\$27,265
iv	Construct & Remove Temporary No.15 Turnout (NS)	1	EA	\$450,090	\$450,090
i	Track Shift, Includes 33% Tie Renewal (BRC)	2,200	TF	\$485	\$1,067,000
ii	Construct Track (BRC)	2,103	TF	\$485	\$1,019,955
iii	Construct & Remove Temporary No.15 Turnout (BRC)	2	EA	\$450,090	\$900,180
i	Construct Track (Emerald Wye)	0	TF	\$485	\$0
i	Track Shift, Includes 33% Tie Renewal (CSX)	665	TF	\$485	\$322,525
ii	Turnout Shift (CSX)	1	EA	\$27,265	\$27,265
i	Remove Track	11,405	TF	\$64	\$725,928
k	Stage A-4 Track Construction	(*)		(*)	\$773,597
i	Construct Track (METRA)	0	TF	\$485	\$0
i	Construct Track (C&WI)	0	TF	\$485	\$0
i	Track Shift, Includes 33% Tie Renewal (NS)	1,320	TF	\$485	\$640,200
ii	Construct Track (NS)	0	TF	\$485	\$0
i	Track Shift, Includes 33% Tie Renewal (BRC)	90	TF	\$485	\$43,650
ii	Construct Track (BRC)	0	TF	\$485	\$0
i	Construct Track (Emerald Wye)	0	TF	\$485	\$0
i	Construct & Remove Temporary No.15 Turnout	0	EA	\$450,090	\$0
i	Remove Track	1,410	TF	\$64	\$89,747
l	Stage A-5 Track Construction	(*)		(*)	\$2,951,402
i	Track Shift, Includes 33% Tie Renewal (BRC)	4,800	TF	\$485	\$2,328,000
ii	Turnout Shift (BRC)	1	EA	\$27,265	\$27,265
i	Track Shift, Includes 33% Tie Renewal (CSX)	480	TF	\$485	\$232,800
ii	Turnout Shift (CSX)	1	EA	\$27,265	\$27,265
i	Remove Track	5,280	TF	\$64	\$336,072
4.0	Signals & Systems				\$40,000,000
j	Stage A-1 Signals & Systems	3		(*)	\$6,000,000
i	Loomis Ave/Belt Jct.	1	LS	\$1,000,000	\$1,000,000
ii	Racine Ave	1	LS	\$1,000,000	\$1,000,000
iii	Union Ave	1	LS	\$4,000,000	\$4,000,000
k	Stage A-2 Signals & Systems	3		(*)	\$9,000,000
i	Ashland Ave	1	LS	\$2,000,000	\$2,000,000
ii	Loomis Ave/Belt Jct.	1	LS	\$1,000,000	\$1,000,000
iii	Union Ave	1	LS	\$6,000,000	\$6,000,000
l	Stage A-3 Signals & Systems	4		(*)	\$21,000,000
i	Western Ave	1	LS	\$4,000,000	\$4,000,000
ii	Damen Ave	1	LS	\$6,000,000	\$6,000,000
iii	Loomis Ave/Belt Jct.	1	LS	\$10,000,000	\$10,000,000
iv	76th St	1	LS	\$1,000,000	\$1,000,000
m	Stage A-4 Signals & Systems	1		(*)	\$1,000,000
i	76th St	1	LS	\$1,000,000	\$1,000,000
n	Stage A-5 Signals & Systems	2		(*)	\$3,000,000
i	Damen Ave	1	LS	\$2,000,000	\$2,000,000
ii	76th St	1	LS	\$1,000,000	\$1,000,000
5.0	Structures				\$122,468,940
a	Bridge Repair Locations	31		(*)	\$122,468,940
i	S. Kedzie Ave. and W. 79th Street_(A&B)_(EW2)				\$0
i	Western Ave._(A)_(EW2)	1	LS	\$1,330,000	\$1,330,000
i	Western Ave._(B)_(EW2)	1	LS	\$12,953,000	\$12,953,000
i	Western Ave._(C)_(EW2)	1	LS	\$8,548,500	\$8,548,500
i	Damen Ave._(A)_(-)	1	LS	\$500,000	\$500,000
i	Damen Ave._(B)_(EW2)	1	LS	\$7,152,000	\$7,152,000
i	Damen Ave._(C)_(EW2)	1	LS	\$1,647,940	\$1,647,940
i	Ashland Ave._(A)_(EW2)	1	LS	\$6,349,000	\$6,349,000
i	Ashland Ave._(B)_(EW2)	1	LS	\$2,578,200	\$2,578,200
i	Loomis Ave._(A)_(EW2)	1	LS	\$3,660,000	\$3,660,000
i	Loomis Ave._(B)_(EW2)	1	LS	\$3,835,700	\$3,835,700
i	Racine Ave._(A)_(EW2)	1	LS	\$3,288,000	\$3,288,000
i	Racine Ave._(B)_(EW2)	1	LS	\$2,189,700	\$2,189,700
i	Aberdeen Ave._(A)_(EW2)	1	LS	\$4,026,000	\$4,026,000
i	Aberdeen Ave._(B)_(EW2)	1	LS	\$4,112,000	\$4,112,000
i	Morgan St._(A)_(EW2)	1	LS	\$3,848,000	\$3,848,000
i	Morgan St._(B)_(EW2)	1	LS	\$1,328,900	\$1,328,900
i	Morgan St._(C)_(EW2)	1	LS	\$3,525,000	\$3,525,000
i	Peoria St._(A)_(EW2)	1	LS	\$2,960,000	\$2,960,000
i	Halsted St._(A)_(EW2)	1	LS	\$3,251,000	\$3,251,000

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		Quantity	Unit	Unit Price	Direct Cost
i	Emerald Ave. Pedway_(A)_(EW2)	1	LS	\$129,000	\$129,000
i	Emerald Ave. Pedway_(B)_(EW2)	1	LS	\$65,000	\$65,000
i	Union Ave._(A)_(EW2)	1	LS	\$906,000	\$906,000
i	Union Ave._(B)_(EW2)	1	LS	\$906,000	\$906,000
i	Union Ave. N. Wall_(C)_(EW2)	1	LS	\$11,907,000	\$11,907,000
i	Lowe Ave._(A)_(EW2)	1	LS	\$915,000	\$915,000
i	74th St._(A)_(EW2)	1	LS	\$7,369,000	\$7,369,000
i	74th St._(B)_(EW2)	1	LS	\$3,059,000	\$3,059,000
i	76th St._(A)_(EW2)	1	LS	\$6,771,000	\$6,771,000
i	76th St._(B)_(EW2)	1	LS	\$6,771,000	\$6,771,000
i	Loomis Southwest Retaining Wall	1	LS	\$4,588,000	\$4,588,000
i	NB-H Supporting Wall (Lowe Ave)	1	LS	\$2,000,000	\$2,000,000
6.0	Viaducts/Communit Mobility and Viaducts	13			\$9,992,902
a	Kedzie Ave - South of 79th St				\$0
b	79th St - East of Kedzie Ave				\$0
c	Western Ave - at 75th St	1	LS	(*)	\$1,639,500
i	Pavement	1400	SY	\$195	\$273,000
ii	Sidewalk	1000	SY	\$132	\$132,000
iii	ADA Ramps	2	EA	\$6,500	\$13,000
iv	Lighting	30	EA	\$1,950	\$58,500
v	Inlet & Sewer	1	LS	\$1,163,000	\$1,163,000
vi	Bridge Drainage	0	LF	\$167	\$0
d	Damen Ave - at 75th St	1	LS	(*)	\$759,060
i	Pavement	700	SY	\$195	\$136,500
ii	Sidewalk	780	SY	\$132	\$102,960
iii	ADA Ramps	0	EA	\$6,500	\$0
iv	Lighting	22	EA	\$1,950	\$42,900
v	Inlet & Sewer	1	LS	\$476,700	\$476,700
vi	Bridge Drainage	0	LF	\$167	\$0
e	Ashland Ave - at 75th St	1	LS	(*)	\$699,800
i	Pavement	700	SY	\$195	\$136,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	2	EA	\$6,500	\$13,000
iv	Lighting	20	EA	\$1,950	\$39,000
v	Inlet & Sewer	1	LS	\$458,500	\$458,500
vi	Bridge Drainage	0	LF	\$167	\$0
f	Loomis Blvd - at 75th St	1	LS	(*)	\$566,300
i	Pavement	600	SY	\$195	\$117,000
ii	Sidewalk	200	SY	\$132	\$26,400
iii	ADA Ramps	0	EA	\$6,500	\$0
iv	Lighting	20	EA	\$1,950	\$39,000
v	Inlet & Sewer	1	LS	\$383,900	\$383,900
vi	Bridge Drainage	0	LF	\$167	\$0
g	Racine Ave - at 75th St	1	LS	(*)	\$486,300
i	Pavement	500	SY	\$195	\$97,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	2	EA	\$6,500	\$13,000
iv	Lighting	20	EA	\$1,950	\$39,000
v	Inlet & Sewer	1	LS	\$284,000	\$284,000
vi	Bridge Drainage	0	LF	\$167	\$0
h	Aberdeen St - at 75th St	1	LS	(*)	\$633,000
i	Pavement	500	SY	\$195	\$97,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	4	EA	\$6,500	\$26,000
iv	Lighting	20	EA	\$1,950	\$39,000
v	Inlet & Sewer	1	LS	\$417,700	\$417,700
vi	Bridge Drainage	0	LF	\$167	\$0
i	Morgan St - at 75th St	1	LS	(*)	\$655,100
i	Pavement	500	SY	\$195	\$97,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	7	EA	\$6,500	\$45,500
iv	Lighting	10	EA	\$1,950	\$19,500
v	Inlet & Sewer	1	LS	\$439,800	\$439,800
vi	Bridge Drainage	0	LF	\$167	\$0
j	Peoria St - at 75th St	1	LS	(*)	\$432,900
i	Pavement	500	SY	\$195	\$97,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	8	EA	\$6,500	\$52,000
iv	Lighting	10	EA	\$1,950	\$19,500

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Item #	Item Description	Quantity	Unit	Unit Price	Direct Cost
v	Inlet & Sewer	1	LS	\$211,100	\$211,100
vi	Bridge Drainage	0	LF	\$167	\$0
k	Halsted St - at 75th St	1	LS	(*)	\$415,600
i	Pavement	500	SY	\$195	\$97,500
ii	Sidewalk	400	SY	\$132	\$52,800
iii	ADA Ramps	4	EA	\$6,500	\$26,000
iv	Lighting	10	EA	\$1,950	\$19,500
v	Inlet & Sewer	1	LS	\$219,800	\$219,800
vi	Bridge Drainage	0	LF	\$167	\$0
l	Union Ave - at 75th St	1	LS	(*)	\$284,140
i	Pavement	740	SY	\$195	\$144,300
ii	Sidewalk	320	SY	\$132	\$42,240
iii	ADA Ramps	0	EA	\$6,500	\$0
iv	Lighting	0	EA	\$1,950	\$0
v	Inlet & Sewer	1	LS	\$97,600	\$97,600
vi	Bridge Drainage	0	LF	\$167	\$0
m	73rd St Pedway - East of Hamilton Park				\$0
n	74th St - East of Normal Ave				\$0
o	76th St - West of Parnell Ave	1	LS	(*)	\$1,842,312
i	Pavement	1	LS	\$598,957	\$598,957
ii	Sidewalk	1	LS	\$215,229	\$215,229
iii	ADA Ramps	1	LS	\$200,000	\$200,000
iv	Lighting	28	EA	\$1,950	\$54,600
v	Inlet & Sewer	1	LS	\$732,600	\$732,600
vi	Bridge Drainage	0	LF	\$167	\$0
vii	Landscaping	1	LS	\$40,926	\$40,926
ae	74th St - West of Parnell Ave	1	LS	(*)	\$1,315,620
i	Pavement	2820	SY	\$195	\$549,900
ii	Sidewalk	1210	SY	\$132	\$159,720
iii	ADA Ramps	3	EA	\$6,500	\$19,500
iv	Lighting	14	EA	\$1,950	\$27,300
v	Inlet & Sewer	1	LS	\$559,200	\$559,200
vi	Bridge Drainage	0	LF	\$167	\$0
al	Lowe Ave - South of 74th	1	LS	(*)	\$263,270
i	Pavement	830	SY	\$195	\$161,850
ii	Sidewalk	360	SY	\$132	\$47,520
v	Inlet & Sewer	1	LS	\$53,900	\$53,900
7.0	Environmental Mitigation				\$9,115,740
a	Noise Walls	1	SF	(*)	\$627,000
i	Noise Wall (Location H)	1	LS	\$627,000	\$627,000
b	Hazardous Materials (risk assessment count by parcel)	(*)	LS	(*)	\$7,550,133
i	GENERAL MITIGATION ACTIVITIES	95		\$218,673,932	\$5,762,058
a)	No Risk	12	EA	\$0	\$0
b)	N/A	13	EA	\$54,668	\$710,690
c)	Low	36	EA	\$21,867	\$787,226
d)	Moderate	29	EA	\$109,337	\$3,170,772
e)	High	5	EA	\$218,674	\$1,093,370
ii	SITE SPECIFIC MITIGATION RECOMMENDATIONS				\$1,788,075
h)	PSI-C-1	6	EA	\$158,893	\$953,355
i)	PSI-C-2	2	EA	\$50,295	\$100,590
j)	PSI-C-3	6	EA	\$122,355	\$734,130
c	Contaminated Soil Disposal	5%	LS	\$0	\$0
d	Visual Impact Minimization Measures	(*)		(*)	\$938,607
i	Landscape (METRA to RID P2 flyover)				\$0
ii	Landscape (CSX P3 Flyover)				\$0
iii	Form Liners - Noise Walls	15,736	SF	\$5	\$78,678
iv	Form Liners - Viaducts	52,000	SF	\$5	\$260,000
v	Form Liners - Flyovers				\$0
vi	Public Art Allowance (Viaduct façades)	1%	LS	\$9,992,902	\$99,929
vi	Rodent Control	1	LS	\$500,000	\$500,000
8.0	Miscellaneous & Temporary Facilities				\$22,563,930
a	Engineer's Field Office, staging area, fencing, security, etc...	1%	LS	\$170,236,432	\$1,702,364
b	Maintenance of Traffic (MOT)	5%	LS	\$132,461,842	\$6,623,092
c	Mobilization	4%	LS	\$132,461,842	\$5,298,474
d	Flagging (RR Maintenance of Way)	4,470	Day	\$2,000	\$8,940,000
9.0	Utility				\$4,517,087

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Item #	Item Description	Quantity	Unit	Unit Price	Direct Cost
Construction SubTotal					\$254,870,689
10.0	ROW				\$0
11.0	Professional Services				\$41,200,000
	Program Management through Construction/Designer of Record Construction Support				\$1,000,000
	Construction Management (RR Force Acct) - Survey, Testing, Site Investigation, Inspection				\$0
	Construction Management (Consultant) - Survey, Testing, Site Investigation, Inspection				\$21,600,000
	Legal; Permits, Review Fees by others				\$600,000
	Insurance				\$12,000,000
	Public Information / Advocacy/CMC Contract				\$3,000,000
	Designer of Records Construction Support				\$3,000,000
Project Total (no escalation applied)					\$296,070,689