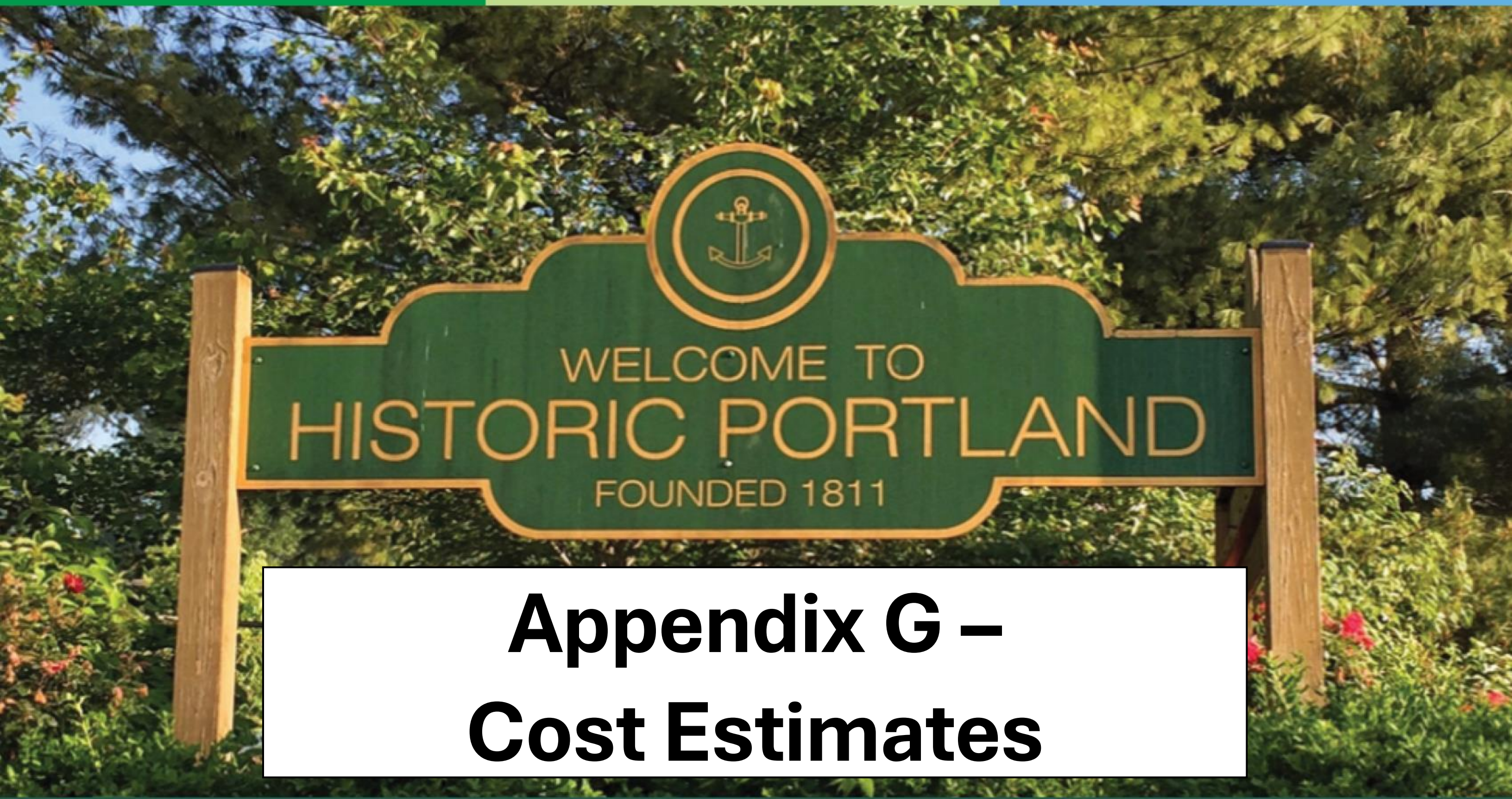
TEAM KENTUCKY
TRANSPORTATION CABINET

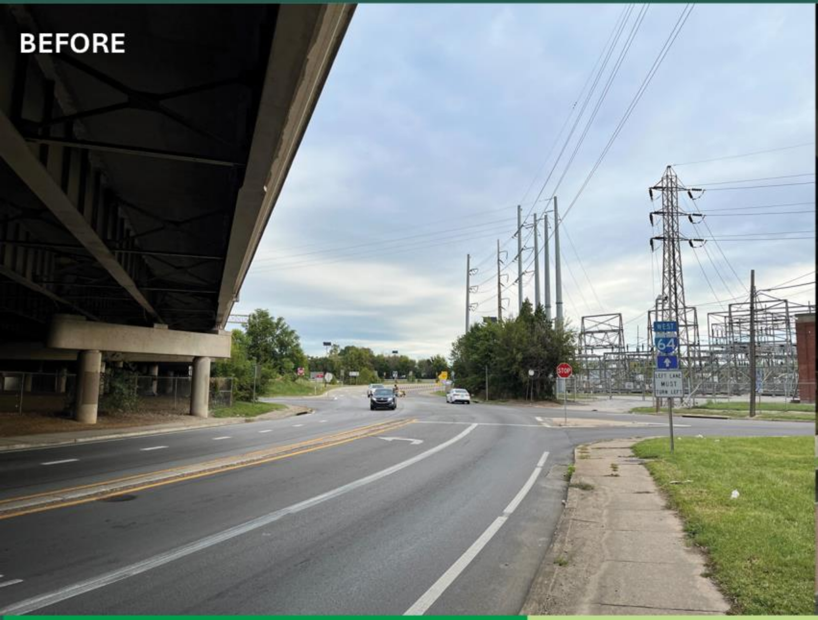
FY 2024 Reconnecting Communities Pilot Grant Program

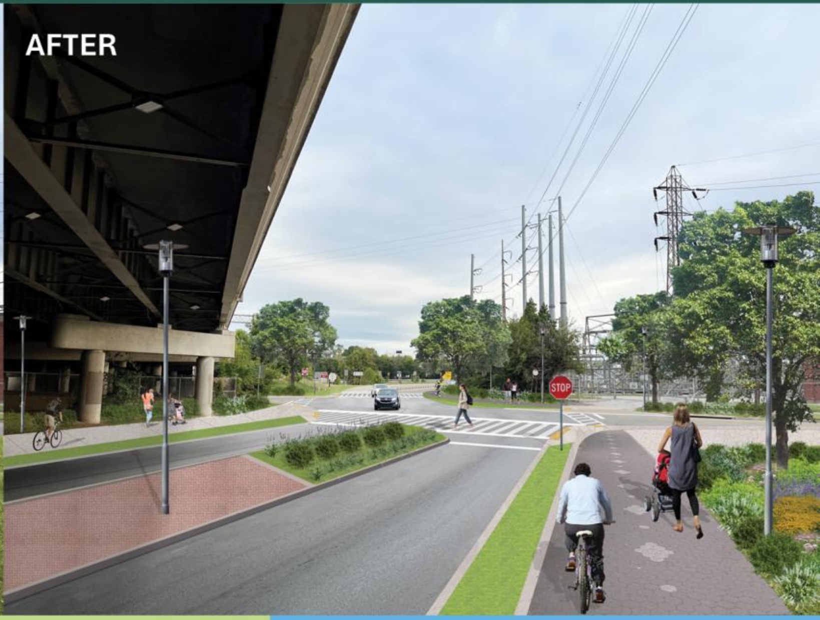
KIPDA

Reconnecting Central Portland to the Riverfront



Appendix G – Cost Estimates





22nd St. - Complete Street Estimate

			length	width	area	
			1200			

	Construction Costs	Unit	Unit Cost	Quantity	Cost	calculations
00001	DGA Base	TON	$ 43.50	0	$ -	
00078	CRUSHED AGGREGATE SIZE NO 2	TON	$ 36.90	0	$ -	
000214	CL2 ASPH BASE 1.00D PG64-22	TON	$ 108.80		$ -	
22906ES403	CL2 ASPH SURF 0.38A PG64-22	TON	$ 120.13	430	$ 51,662.16	
	JPC Pavement - 8"	SQYD	$ 110.00	0	$ -	
	Stamped Concrete	SQYD	$ 175.00	0	$ -	
02677	Asphalt Pavement Milling and Texturing	TON	$ 30.00	262	$ 7,870.31	
	Milling Concrete Pavement	TON	$ 50.00	201	$ 10,062.50	
01810	Standard Curb and Gutter	LF	$ 35.60	1600	$ 56,960.00	
	Sidwalk Ramps	EA	$ 4,500.00	8	$ 36,000.00	
01921	Mountable Median	SY	$ 117.00	1500	$ 175,500.00	
21289ED	Longitudinal Edge Key	LF	$ 5.07	200	$ 1,014.00	
2230	Earthwork	CY	$ 15.00	1290	$ 19,350.00	Use sidewalk area*1' x 2.0 for border areas and tie ins
2091	Pavement Removal	SY	$ 18.14	1110	$ 20,135.40	
	Remove Concrete Median	LF	$ 150.00	550	$ 82,500.00	
02545	Clearing and Grubbing	LS	$ 25,000.00	1	$ 25,000.00	
02568	Mobilization	LS		1	$ 47,960.70	3% of construction cost if over $2million
02569	Demobilization	LS		1	$ 23,980.35	1.50% of construction cost
02650	Maintain and Control Traffic	LS	$ 125,000.00	1	$ 125,000.00	
	Erosion Control	LS	$ 35,000.00	1	$ 35,000.00	
02720	Sidewalk - 4 In	SY	$ 125.00	1940	$ 242,500.00	
02726	Staking	LS	$ 25,000.00	1	$ 25,000.00	
02351	Guardrail - Steel W Beam - S Face	LF	$ 38.00	0	$ -	
02367	Guardrail End Treatment Type 2A	EA	$ 315.00	0	$ -	
01456	Curb Box Inlet Type A	EA	$ 8,000.00	6	$ 48,000.00	
01490	Drop Box Inlet Type 1	EA	$ 7,000.00	4	$ 28,000.00	
	24" Storm Sewer Pipe	LF	$ 150.00	600	$ 90,000.00	
	Culvert Pipe - 30 IN	LF	$ 250.00	0	$ -	
00462	Culvert Pipe - 18 IN	LF		0	$ -	
	Culvert Pipe Headwall - 30 IN	EA	$ 2.00	0	$ -	
01204	Culvert Pipe Headwall - 18 IN	EA		0	$ -	
	Misc. Drainage	LS			$ 9,135.54	Assume 1% of above non-drainage construction items (not include mob/demob)
	Box Culverts	LS	$ 150,000.00	0	$ -	box culverts for shared use path on south
	Box Culvert - Double 16' x 7' (130 ft long)	LS	$ 350,000.00	0	$ -	
	Signing	LS	$ 10,000.00	1	$ 10,000.00	Use higher of 10k or 1% of construction cost (not include mob/demob)
	Striping	LS	$ 20,000.00	1	$ 20,000.00	1% of construction cost (not include mob/demob)
	Traffic Signals	EA	$ 120,000.00	2	$ 240,000.00	
	Lighting	LF	$100	2400	$ 240,000.00	
	Gateway Feature	LS	$ 250,000.00	0	$ -	
	Landscaping Allowance	MI	$ 500,000.00	0.227273	$ 113,636.36	From TDH, total landscaping = 1.5; say 2.0 with inflation. Length = 3.94miles. So 1/2M per mile
	Bank to Portland	MI	$ 3,500,000.00	0.14	$ 490,000.00	Use 3.5M per mile for signing, striping, traffic calming measures (speed tables,etc)
	Total Unit Construction Cost				$ 2,274,267.32	
	Construction Contengency			40%	$ 909,706.93	Assuming 40% to cover minor bid items and other quantities
	Construction Total Cost				$ 3,183,974.25	

	Unit	Unit Cost	Quantity	Cost	
Right of Way Costs					
Fee Simple RW	Acre	$ 320,000.00	0	$ -	Assume no ROW for Lannah Park
Temporary Easement	Acre	$ 70,000.00	0	$ -	
Administrative Fee	Parcel	$ 3,000.00	0	$ -	
Legal Fees	Parcel	$ 6,500.00	0	$ -	
Gas Station	LS	$ 1,400,000.00	0	$ -	
Right of Way Total Cost				$ -	

	Unit	Unit Cost	Quantity	Cost
Utility Relocation Costs				
Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	60	0	$ -
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 175,000.00
Contingency			40%	$ 70,000.00
Utility Relocation Total				$ 245,000.00

I-64 Off Ramp Cost Estimate

	length	width	area	
0.056818	**300**	25		7500

	Construction Costs	Unit	Unit Cost	Quantity	Cost	calculations
00001	DGA Base	TON	$ 43.50	213	$ 9,279.64	
00078	CRUSHED AGGREGATE SIZE NO 2	TON	$ 36.90	656	$ 24,187.95	
000214	CL2 ASPH BASE 1.00D PG64-22	TON	$ 108.80	443	$ 48,171.20	
22906ES403	CL2 ASPH SURF 0.38A PG64-22	TON	$ 120.13	60	$ 7,195.29	
02677	Asphalt Pavement Milling and Texturing	TON	$ 19.40	0	$ -	
01810	Standard Curb and Gutter	LF	$ 35.60	150	$ 5,340.00	Curb work along 22 and Portland Ave
01921	Standard Barrier Median Type 4	SY	$ 117.00	0	$ -	
21289ED	Longitudinal Edge Key	LF	$ 5.07	150	$ 760.50	assoicated with curb work/pavement removal
2230	Earthwork	CY	$ 30.00	2500	$ 75,000.00	Use average 3' x 300 x 75 / 27
2091	Pavement Removal	SY	$ 20.00	833	$ 16,660.00	Use 300' x 25' for existing ramp. Some will be included in earthwork
02545	Clearing and Grubbing	LS	$ 10,000.00	1	$ 10,000.00	
02568	Mobilization	LS		1	$ 13,141.48	3% of construction cost if over $2million
02569	Demobilization	LS		1	$ 6,570.74	1.50% of construction cost
02650	Maintain and Control Traffic	LS	$ 100,000.00	1	$ 100,000.00	
	Erosion Control	LS	$ 50,000.00	1	$ 50,000.00	
02720	Sidewalk - 4 In	SY	$ 125.00	83	$ 10,375.00	Use 150' *5wide
02726	Staking	LS	$ 10,000.00	1	$ 10,000.00	
02351	Guardrail - Steel W Beam - S Face	LF	$ 38.00	200	$ 7,600.00	
02367	Guardrail End Treatment Type 2A	EA	$ 315.00	2	$ 630.00	
01456	Curb Box Inlet Type A	EA		0	$ -	
01490	Drop Box Inlet Type 1	EA		0	$ -	
	42" Storm Sewer Pipe	LF		0	$ -	
00468	Culvert Pipe - 36 IN	LF		0	$ -	
00462	Culvert Pipe - 18 IN	LF		0	$ -	
01212	Culvert Pipe Headwall - 36 IN	EA		0	$ -	
01204	Culvert Pipe Headwall - 18 IN	EA		0	$ -	
	Misc. Drainage	LS		1	$ 11,255.99	Assume 3% of above non-drainage construction items (not include mob/demob)
	Box Culverts	LS	$ 150,000.00	0	$ -	box culverts for shared use path on south
	Box Culvert - Double 16' x 7' (130 ft long)	LS	$ 350,000.00	0	$ -	
	Signing	LS		1	$ 10,000.00	Use higher of 15k or 3% of construction cost (not include mob/demob)
	Striping	LS		1	$ 11,593.67	3% of construction cost (not include mob/demob)
	Traffic Signals	EA	$ 120,000.00	0	$ -	
	Lighting	LF	$100	300	$ 30,000.00	
	Gateway Feature	LS	$ 250,000.00	0	$ -	
	Landscaping Allowance	MI	$ 500,000.00	0.06	$ 30,000.00	From TDH, total landscaping = 1.5; say 2.0 with inflation. Length = 3.94miles. So 1/2M per mile
	Total Unit Construction Cost				$ 487,761.44	
	Construction Contengency			55%	$ 268,268.79	Assuming 50% to cover minor bid items and other quantities
	Construction Total Cost				$ 756,030.24	

Right of Way Costs	Unit	Unit Cost	Quantity	Cost
Fee Simple RW	Acre	$ 320,000.00	0	$ -
Temporary Easement	Acre	$ 70,000.00	0	$ -
Administrative Fee	Parcel	$ 3,000.00	0	$ -
Legal Fees	Parcel	$ 6,500.00	0	$ -
Gas Station	LS	$ 1,400,000.00	0	$ -
Right of Way Total Cost				$ -

Utility Relocation Costs	Unit	Unit Cost	Quantity	Cost
Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	150	500	$ 75,000.00
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 140,000.00
Contingency			40%	$ 86,000.00
Utility Relocation Total				$ 301,000.00

I-64 On Ramp Cost Estimate

			length	width	area		
		0.056818	**450**	25		11250	
	Construction Costs	Unit	Unit Cost	Quantity		Cost	calculations
00001	DGA Base	TON	$ 43.50	314		$ 13,656.83	
00078	CRUSHED AGGREGATE SIZE NO 2	TON	$ 36.90	943		$ 34,796.70	
000214	CL2 ASPH BASE 1.00D PG64-22	TON	$ 108.80	658		$ 71,631.20	
22906ES403	CL2 ASPH SURF 0.38A PG64-22	TON	$ 120.13	90		$ 10,792.93	
02677	Asphalt Pavement Milling and Texturing	TON	$ 19.40	0		$ -	
01810	Standard Curb and Gutter	LF	$ 35.60	525		$ 18,690.00	Curb work along 22 and Portland Ave and on upstream side of ramp
	Retaining Wall	SF	$ 110.00	1800		$ 198,000.00	300 length, average 6' tall
01921	Standard Barrier Median Type 4	SY	$ 117.00	0		$ -	
21289ED	Longitudinal Edge Key	LF	$ 5.07	150		$ 760.50	at tie-in and at old ramp tie in
2230	Earthwork	CY	$ 20.00	1670		$ 33,400.00	Use average 3' x450 x50 / 27
2091	Pavement Removal	SY	$ 18.14	306		$ 5,550.84	Use 110' x 25' for existing ramp. Some will be included in earthwork
02545	Clearing and Grubbing	LS	$ 10,000.00	1		$ 15,000.00	
02568	Mobilization	LS		1		$ 21,799.29	3% of construction cost if over $2million
02569	Demobilization	LS		1		$ 10,899.64	1.50% of construction cost
02650	Maintain and Control Traffic	LS	$ 100,000.00	1		$ 100,000.00	
	Erosion Control	LS	$ 35,000.00	1		$ 35,000.00	
02720	Sidewalk - 4 In	SY	$ 125.00	56		$ 7,000.00	Use 100' *5wide
02726	Staking	LS	$ 10,000.00	1		$ 10,000.00	
02351	Guardrail - Steel W Beam - S Face	LF	$ 38.00	0		$ -	
02367	Guardrail End Treatment Type 2A	EA	$ 315.00	0		$ -	
01456	Curb Box Inlet Type A	EA	$ 8,000.00	3		$ 24,000.00	
01490	Drop Box Inlet Type 1	EA	$ 7,000.00	2		$ 14,000.00	
	24" Storm Sewer Pipe	LF	$ 150.00	300		$ 45,000.00	
00468	Culvert Pipe - 36 IN	LF		0		$ -	
00462	Culvert Pipe - 18 IN	LF		0		$ -	
01212	Culvert Pipe Headwall - 36 IN	EA		0		$ -	
01204	Culvert Pipe Headwall - 18 IN	EA		0		$ -	
	Misc. Drainage	LS		1		$ 27,713.95	Assume 5% of above non-drainage construction items (not include mob/demob)
	Box Culverts	LS	$ 150,000.00	0		$ -	box culverts for shared use path on south
	Box Culvert - Double 16' x 7' (130 ft long)	LS	$ 350,000.00	0		$ -	
	Signing	LS	$ 10,000.00	1		$ 10,000.00	Use higher of 10k or 1% of construction cost (not include mob/demob)
	Striping	LS		1		$ 6,649.93	1% of construction cost (not include mob/demob)
	Traffic Signals	EA	$ 120,000.00	0		$ -	
	Lighting	LF	$100	450		$ 45,000.00	
	Gateway Feature	LS	$ 250,000.00	0		$ -	
	Landscaping Allowance	MI	$ 500,000.00	0.056818		$ 28,409.09	From TDH, total landscaping = 1.5; say 2.0 with inflation. Length = 3.94miles. So 1/2M per mile
	Total Unit Construction Cost					$ 787,750.89	
	Construction Contengency			50%		$ 393,875.45	Assuming 50% to cover minor bid items and other quantities
	Construction Total Cost					$ 1,181,626.34	
	Right of Way Costs						
	Fee Simple RW	Acre	$ 320,000.00	0		$ -	
	Temporary Easement	Acre	$ 70,000.00	0		$ -	
	Administrative Fee	Parcel	$ 3,000.00	0		$ -	
	Legal Fees	Parcel	$ 6,500.00	0		$ -	
	Gas Station	LS	$ 1,400,000.00	0		$ -	
	Right of Way Total Cost					$ -	
	Water (12")	LF	120	0		$ -	
	Sewer (15" Gravity)	LF	100	0		$ -	
	Gas	LF	150	0		$ -	
	Overhead Electric						
	Fiber Optic - Windstream						
	Project Allowance					$ 90,000.00	
	Contingency			40%		$ 36,000.00	
	Utility Relocation Total					$ 126,000.00	

I-64 Off Ramp Cost Estimate

	length	width	area	
0.056818	300	25		7500

	Construction Costs	Unit	Unit Cost	Quantity	Cost	calculations
00001	DGA Base	TON	$ 43.50	213	$ 9,279.64	
00078	CRUSHED AGGREGATE SIZE NO 2	TON	$ 36.90	656	$ 24,187.95	
000214	CL2 ASPH BASE 1.00D PG64-22	TON	$ 108.80	443	$ 48,171.20	
22906ES403	CL2 ASPH SURF 0.38A PG64-22	TON	$ 120.13	60	$ 7,195.29	
02677	Asphalt Pavement Milling and Texturing	TON	$ 19.40	0	$ -	
01810	Standard Curb and Gutter	LF	$ 35.60	150	$ 5,340.00	Curb work along 22 and Portland Ave
01921	Standard Barrier Median Type 4	SY	$ 117.00	0	$ -	
21289ED	Longitudinal Edge Key	LF	$ 5.07	150	$ 760.50	assoicated with curb work/pavement removal
2230	Earthwork	CY	$ 30.00	2500	$ 75,000.00	Use average 3' x 300 x 75 / 27
2091	Pavement Removal	SY	$ 20.00	833	$ 16,660.00	Use 300' x 25' for existing ramp. Some will be included in earthwork
02545	Clearing and Grubbing	LS	$ 10,000.00	1	$ 10,000.00	
02568	Mobilization	LS		1	$ 13,141.48	3% of construction cost if over $2million
02569	Demobilization	LS		1	$ 6,570.74	1.50% of construction cost
02650	Maintain and Control Traffic	LS	$ 100,000.00	1	$ 100,000.00	
	Erosion Control	LS	$ 50,000.00	1	$ 50,000.00	
02720	Sidewalk - 4 In	SY	$ 125.00	83	$ 10,375.00	Use 150' *5wide
02726	Staking	LS	$ 10,000.00	1	$ 10,000.00	
02351	Guardrail - Steel W Beam - S Face	LF	$ 38.00	200	$ 7,600.00	
02367	Guardrail End Treatment Type 2A	EA	$ 315.00	2	$ 630.00	
01456	Curb Box Inlet Type A	EA		0	$ -	
01490	Drop Box Inlet Type 1	EA		0	$ -	
	42" Storm Sewer Pipe	LF		0	$ -	
00468	Culvert Pipe - 36 IN	LF		0	$ -	
00462	Culvert Pipe - 18 IN	LF		0	$ -	
01212	Culvert Pipe Headwall - 36 IN	EA		0	$ -	
01204	Culvert Pipe Headwall - 18 IN	EA		0	$ -	
	Misc. Drainage	LS		1	$ 11,255.99	Assume 3% of above non-drainage construction items (not include mob/demob)
	Box Culverts	LS	$ 150,000.00	0	$ -	box culverts for shared use path on south
	Box Culvert - Double 16' x 7' (130 ft long)	LS	$ 350,000.00	0	$ -	
	Signing	LS		1	$ 10,000.00	Use higher of 15k or 3% of construction cost (not include mob/demob)
	Striping	LS		1	$ 11,593.67	3% of construction cost (not include mob/demob)
	Traffic Signals	EA	$ 120,000.00	0	$ -	
	Lighting	LF	$100	300	$ 30,000.00	
	Gateway Feature	LS	$ 250,000.00	0	$ -	
	Landscaping Allowance	MI	$ 500,000.00	0.06	$ 30,000.00	From TDH, total landscaping = 1.5; say 2.0 with inflation. Length = 3.94miles. So 1/2M per mile
	Total Unit Construction Cost				$ 487,761.44	
	Construction Contengency			55%	$ 268,268.79	Assuming 50% to cover minor bid items and other quantities
	Construction Total Cost				$ 756,030.24	

Right of Way Costs	Unit	Unit Cost	Quantity	Cost
Fee Simple RW	Acre	$ 320,000.00	0	$ -
Temporary Easement	Acre	$ 70,000.00	0	$ -
Administrative Fee	Parcel	$ 3,000.00	0	$ -
Legal Fees	Parcel	$ 6,500.00	0	$ -
Gas Station	LS	$ 1,400,000.00	0	$ -
Right of Way Total Cost				$ -

Utility Relocation Costs	Unit	Unit Cost	Quantity	Cost
Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	150	500	$ 75,000.00
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 140,000.00
Contingency			40%	$ 86,000.00
Utility Relocation Total				$ 301,000.00

I-64 On Ramp Cost Estimate

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22906ES403	CL2 ASPH SURF 0.38A PG64-22	TON	$ 120.13	90	$ 10,792.93	
02677	Asphalt Pavement Milling and Texturing	TON	$ 19.40	0	$ -	
01810	Standard Curb and Gutter	LF	$ 35.60	525	$ 18,690.00	Curb work along 22 and Portland Ave and on upstream side of ramp
	Retaining Wall	SF	$ 110.00	1800	$ 198,000.00	300 length, average 6' tall
01921	Standard Barrier Median Type 4	SY	$ 117.00	0	$ -	
21289ED	Longitudinal Edge Key	LF	$ 5.07	150	$ 760.50	at tie-in and at old ramp tie in
2230	Earthwork	CY	$ 20.00	1670	$ 33,400.00	Use average 3' x450 x50 / 27
2091	Pavement Removal	SY	$ 18.14	306	$ 5,550.84	Use 110' x 25' for existing ramp. Some will be included in earthwork
02545	Clearing and Grubbing	LS	$ 10,000.00	1	$ 15,000.00	
02568	Mobilization	LS		1	$ 21,799.29	3% of construction cost if over $2million
02569	Demobilization	LS		1	$ 10,899.64	1.50% of construction cost
02650	Maintain and Control Traffic	LS	$ 100,000.00	1	$ 100,000.00	
	Erosion Control	LS	$ 35,000.00	1	$ 35,000.00	
02720	Sidewalk - 4 In	SY	$ 125.00	56	$ 7,000.00	Use 100' *5wide
02726	Staking	LS	$ 10,000.00	1	$ 10,000.00	
02351	Guardrail - Steel W Beam - S Face	LF	$ 38.00	0	$ -	
02367	Guardrail End Treatment Type 2A	EA	$ 315.00	0	$ -	
01456	Curb Box Inlet Type A	EA	$ 8,000.00	3	$ 24,000.00	
01490	Drop Box Inlet Type 1	EA	$ 7,000.00	2	$ 14,000.00	
	24" Storm Sewer Pipe	LF	$ 150.00	300	$ 45,000.00	
00468	Culvert Pipe - 36 IN	LF		0	$ -	
00462	Culvert Pipe - 18 IN	LF		0	$ -	
01212	Culvert Pipe Headwall - 36 IN	EA		0	$ -	
01204	Culvert Pipe Headwall - 18 IN	EA		0	$ -	
	Misc. Drainage	LS		1	$ 27,713.95	Assume 5% of above non-drainage construction items (not include mob/demob)
	Box Culverts	LS	$ 150,000.00	0	$ -	box culverts for shared use path on south
	Box Culvert - Double 16' x 7' (130 ft long)	LS	$ 350,000.00	0	$ -	
	Signing	LS	$ 10,000.00	1	$ 10,000.00	Use higher of 10k or 1% of construction cost (not include mob/demob)
	Striping	LS		1	$ 6,649.93	1% of construction cost (not include mob/demob)
	Traffic Signals	EA	$ 120,000.00	0	$ -	
	Lighting	LF	$100	450	$ 45,000.00	
	Gateway Feature	LS	$ 250,000.00	0	$ -	
	Landscaping Allowance	MI	$ 500,000.00	0.056818	$ 28,409.09	From TDH, total landscaping = 1.5; say 2.0 with inflation. Length = 3.94miles. So 1/2M per mile
	Total Unit Construction Cost				$ 787,750.89	
	Construction Contengency			50%	$ 393,875.45	Assuming 50% to cover minor bid items and other quantities
	Construction Total Cost				$ 1,181,626.34	

Right of Way Costs				
Fee Simple RW	Acre	$ 320,000.00	0	$ -
Temporary Easement	Acre	$ 70,000.00	0	$ -
Administrative Fee	Parcel	$ 3,000.00	0	$ -
Legal Fees	Parcel	$ 6,500.00	0	$ -
Gas Station	LS	$ 1,400,000.00	0	$ -
Right of Way Total Cost				$ -

Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	150	0	$ -
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 90,000.00
Contingency			40%	$ 36,000.00
Utility Relocation Total				$ 126,000.00

1- Lannan Park Ped Bridge Cost Estimate

Lannan Park Bridge

	Unit	Unit Cost	Quantity	Cost	COMMENTS
New Main Span	SF	$1,000.00	1150	$1,150,000.00	New Span 175 x 10
Approach (not on structure)	SF	$250.00	800	$200,000.00	Signature Span 175 x 11
Approach (on structure)	SF	$500.00	3200	$1,600,000.00	Need min 400' for ADA (5%). Assume 20' Height
Demo	EA	$250,000.00	$1.00	$250,000.00	
MOT	EA	$150,000.00	$1.00	$150,000.00	MOT during demo and erection along I-64
Total Unit Construction Cost				$3,350,000.00	
Construction Contengency			40%	$1,340,000.00	
Construction Total Cost				$ 4,690,000.00	

Right of Way Costs				
Fee Simple RW	Acre	$ 300,000.00	0	$ -
Temporary Easement	Acre	$ 60,000.00	0	$ -
Administrative Fee	Parcel	$ 2,500.00	0	$ -
Legal Fees	Parcel	$ 5,000.00	0	$ -
Gas Station	LS	$ 1,350,000.00	0	$ -
Right of Way Total Cost				$ -

Assumes stays on ROW

Utility Relocation Costs				
Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	150	0	$ -
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 100,000.00
Contingency			40%	$ 40,000.00
Utility Relocation Total				$ 140,000.00

1800	750-1000	
8000	500	
	250	

New Main Span		
Length	170	
Width	10	
Bridge SF	1700	
Approach (not on structure)		rise (ft)
Length	80	4
Width	10	
Bridge SF	800	
Approach (on structure)		rise (ft)
Length	320	16
Width	10	
Bridge SF	3200	

Eastern Ped Bridge Cost Estimate

	Unit	Unit Cost	Quantity	Cost	COMMENTS
New Main Span	SF	$750.00	875	$656,250.00	New Span 175 x 10
Approach (not on structure)	SF	$250.00	800	$200,000.00	Signature Span 175 x 11
Approach (on structure)	SF	$500.00	3200	$1,600,000.00	Need min 400' for ADA (5%). Assume 20' Height
Demo	EA	$250,000.00	$1.00	$250,000.00	
MOT	EA	$150,000.00	$1.00	$150,000.00	MOT during demo and erection along I-64
Total Unit Construction Cost				$2,856,250.00	
Construction Contengency			40%	$1,142,500.00	
Construction Total Cost				$ 3,998,750.00	

1800	750-1000			
8000	500			
	250			

New Main Span			
Length	150		
Width	10		
Bridge SF	1500		
Approach (not on structure)		rise (ft)	
Length	80	4	
Width	10		
Bridge SF	800		
Approach (on structure)		rise (ft)	
Length	320	16	
Width	10		
Bridge SF	3200		

Right of Way Costs

	Unit	Unit Cost	Quantity	Cost	Comments
Fee Simple RW	Acre	$ 300,000.00	0	$ -	
Temporary Easement	Acre	$ 60,000.00	0	$ -	
Administrative Fee	Parcel	$ 2,500.00	0	$ -	
Legal Fees	Parcel	$ 5,000.00	0	$ -	
Gas Station	LS	$ 1,350,000.00	0	$ -	
Right of Way Total Cost				$ -	Assumes stays on ROW

Utility Relocation Costs

	Unit	Unit Cost	Quantity	Cost
Water (12")	LF	120	0	$ -
Sewer (15" Gravity)	LF	100	0	$ -
Gas	LF	150	0	$ -
Overhead Electric				
Fiber Optic - Windstream				
Project Allowance				$ 100,000.00
Contingency			40%	$ 40,000.00
Utility Relocation Total				$ 140,000.00

Community Edge Upgrades Cost Estimate

Shawnee Park to 34th Street (I264 system interchange) = 1/2 mile, 27th Street to 22nd Street = 1/2 mile, 22nd Street to Northwestern = 1/2 mile (google directions. July 30, 2024)

at-grade length	1.5	miles
	2	both sides
upgrades	$600,000	per mile
cost	$1,800,000	
40%	$720,000.0	contingency
total	$2,520,000.0	

Utility Relocation Costs

Water (12"	LF	120	0	$	-
Sewer (15"	LF	100	0	$	-
Gas	LF	150	0	$	-
Overhead Electric					
Fiber Optic - Windstream					
Project Allowance				$	100,000.00
Contingency			40%	$	40,000.00
Utility Relocation Total				$	140,000.00

Existing Lannan Park Access Cost Estimate

area	90000	SF		
upgrades	$25	per SF		unit price estimate per sqft
cost	$2,250,000			3150000
40%	$900,000.0	contingency		
total	$3,150,000.0			

Utility Relocation Costs

Water (12")	LF	120	0	$	-
Sewer (15" (	LF	100	0	$	-
Gas	LF	150	0	$	-
Overhead Electric					
Fiber Optic - Windstream					
Project Allowance				$	200,000.00
Contingency			40%	$	80,000.00
Utility Relocation Total				$	280,000.00