

**6th Street Public Infrastructure Improvements**

Item	Comment	Estimated Cost by EVS	Temp Signal by City	Temp Interconnect by City	Salvage Signal by City	Install Signal by City	Total	City portion	MSFA portion	Traffic and TPE Comments	EVS Comment
Traffic Management Plan		TBD									
<b>Two-Way 6th Street</b>											
6th Street Signal Systems											
- 6th and Carew	New System	\$200,000				\$200,000.00	\$200,000.00	\$100,000.00	\$100,000.00	Delta of a rapid flashing beacon and full signal	
- 6th and 10th Ave	New System	\$200,000				\$200,000.00	\$200,000.00	\$100,000.00	\$100,000.00	Delta of a rapid flashing beacon and full signal	
- 6th and 11th Ave	Modified System	\$50,000	\$57,917.08		\$17,882.45	\$104,720.01	\$180,519.54	\$91,951.85	\$88,567.70	Based on 1 corner Total \$180,519.54*.25	
- 6th and Chicago	Modified System	\$50,000	\$58,068.88		\$15,099.28	\$113,352.81	\$186,520.97	\$64,226.05	\$122,294.93	Based on 2 corners Total \$186,520.97*.5	
- 6th and Park	Modified System	\$50,000	\$43,871.03		\$11,590.31	\$80,919.35	\$136,380.69	\$46,254.83	\$90,125.86	Based on 2 corners Total \$136,380.69*.5	
6 <sup>th</sup> Street North Curb, Pvm, Ped Ramps Sidewalk & Drainage	1100 LF Curb @ \$15/LF (GMP) 830 SY Pavement @ \$75/SY (GMP) 6 Ped Ramps @ \$1,500 EA (GMP) 12,725 SF Sdwk @ \$9.00/SF (GMP) 5 Drain Struc @ \$3,500 EA	\$17,500					\$17,500.00		\$17,500.00		Cost for required drainage improvements. Other items in GMP.
6 <sup>th</sup> Street South Curb & Ped Ramps	50 SY Pavement @ \$75/SY 6 Ped Ramps @ \$1,500 EA	\$12,750					\$0.00		\$0.00		
6 <sup>th</sup> Street Pavement Markings		\$5,000					\$5,000.00		\$5,000.00		
6 <sup>th</sup> Street Chip Seal Wearing Course (MNDOT 2404.618)	10,100 SY @ \$4/SY	\$40,400					\$40,400.00		\$40,400.00		
Demolition		\$50,000					\$50,000.00		\$50,000.00		
Temporary Traffic Control		\$15,000					\$15,000.00		\$15,000.00		
Lighting		\$20,000					\$111,000.00	\$0.00	\$111,000.00	16 lights impacted (10 on 6th St and 6 on 6th St) Remove and reinstall 10 lights at \$8,500 per = \$85K + 6K for salvage on lights 5th St + \$20K for temp system during construction = <b>\$111K (estimated)</b>	
		<b>\$697,900</b>					<b>\$1,142,321.20</b>	<b>\$402,432.72</b>	<b>\$739,888.48</b>		
<b>11TH Ave Modifications</b>											
11 <sup>th</sup> Ave Chip Seal Wearing Course (MNDOT 2404.618)	2,050 SY @ \$4/SY	\$8,200					\$8,200.00		\$8,200.00		Work required for striping of 11th
<b>5th Street Reconstruct East of 11th</b>											
- 5th and 11th Signal	Modified System	\$50,000	\$49,176.44		\$25,648.56	\$86,771.50	\$161,596.50	\$56,210.03	\$105,386.47	Based on 2 corners Total \$161,596.50*.5	
11th Av from Wash to 7th St Temp Interconnect				\$66,379.26			\$66,379.26	\$0.00	\$66,379.26	MSFA pay 100%	
5 <sup>th</sup> Street Curb, Pvm, Ped Ramps Sidewalk & Drainage	443 LF Curb @ \$15/LF 415 SY Pvm @ \$75/SY 2 Ped Ramps @ \$1,500 EA 2 Drain Struc @ \$3,500 EA	\$50,770					\$50,770.00		\$50,770.00		Work required to modify intersecion removing curve and adding pavement to maintain freeway exit
		<b>\$108,970</b>					<b>\$286,945.76</b>	<b>\$56,210.03</b>	<b>\$230,735.73</b>		
<b>5th Street Reconstruct West of Chicago</b>											
- 5th and Chicago Signal	Modified System	\$50,000	\$42,983.00		\$19,894.82	\$51,390.09	\$114,267.91	\$35,642.46	\$78,625.46	Based on 2 corners Total \$114,267.91*.5	
- 5th and Park Signal	Modified System	\$50,000					\$50,000.00	\$0.00	\$50,000.00	Will the project extend to this intersection???	
5 <sup>th</sup> Street Curb, Pvm, Ped Ramps Sidewalk & Drainage	280 LF Curb @ \$15/LF 4 Ped Ramps @ \$1,500 EA 21,800 SF Sdwk @ \$9.00/SF 2 Drain Struc @ \$3,500 EA	\$213,400					\$213,400.00		\$213,400.00		All work between Park and Chicago to be part of a separate project.
		<b>\$313,400</b>					<b>\$377,667.91</b>	<b>\$35,642.46</b>	<b>\$342,025.46</b>		
Materials testing and inspection of city owned infrastructure		\$0					\$30,000.00	\$0.00	\$30,000.00	City of Minneapolis Paving Lab would perform all materials testing and inspection on city infrastructure	
As-built drawings		\$0					\$20,000.00	\$0.00	\$20,000.00	City of Minneapolis Traffic Division would perform all as-built data collection and drawings for signals and lighting systems	
All street signs for reopening 6th and 11th		\$0					\$10,000.00	\$0.00	\$10,000.00		
		<b>\$0</b>					<b>\$60,000.00</b>	<b>\$0.00</b>	<b>\$60,000.00</b>		
<b>Construction Total</b>		<b>\$806,870</b>					<b>\$1,866,934.87</b>	<b>\$494,285.21</b>	<b>\$1,372,649.67</b>		
<b>Administrative, Design, Fees, Etc.</b>	<b>20%</b>	<b>\$161,374</b>					<b>\$373,386.97</b>	<b>\$0.00</b>	<b>\$373,386.97</b>		
<b>Construction Contingency</b>	<b>20%</b>	<b>\$161,374</b>					<b>\$373,386.97</b>	<b>\$98,857.04</b>	<b>\$274,529.93</b>		
<b>Project Total</b>		<b>\$1,129,618</b>					<b>\$2,613,708.82</b>	<b>\$593,142.25</b>	<b>\$2,020,566.57</b>		

