SP 1805-80 TH 210 PRELIMINARY COST ESTIMATE BASED ON THE FINAL GEOMETRIC LAYOUT AS OF 01/18/2023

		STATEMENT OF ESTIMATED QUANTITIES		
TAB.	ITEM NO.	DESCRIPTION	UNITS	TOTAL ESTIMATED QUANTITY
	2021.501	MOBILIZATION	LUMP SUM	1
	2104.503	SAWING BITUMINOUS PAVEMENT	LIN FT	1996
	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	7556
	2104.503	REMOVE CURB & GUTTER	LIN FT	33355
	2104.504	REMOVE CONCRETE MEDIAN	SQ YD	8193
	2104.504	REMOVE CONCRETE DELIAN REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	3330
	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	111986
	2104.518	REMOVE CONCRETE WALK	SQ FT	123488
	2104.618	REMOVE AND REPLACE BITUMINOUS PAVEMENT	SQ FT	5674
	2106.507	EXCAVATION - COMMON	CU YD	128987
	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	71646
	2106.507	COMMON EMBANKMENT (CV)	CU YD	23212
	2118.507	AGGREGATE SURFACING SPECIAL	CU YD	56
	2211.507	AGGREGATE BASE (CV) CLASS 6	CU YD	23203
	2232.504	MILL BITUMINOUS SURFACE (3.0")	SQ YD	98135
	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	20532
	2360.502	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,B)	TON	10267
	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,B)	TON	17346
	2521.518	6" CONCRETE WALK	SQ FT	173204
	2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	7292
	2531.503 2531.503	CONCRETE CURB AND GUTTER DESIGN B412 CONCRETE CURB AND GUTTER DESIGN B424	LIN FT LIN FT	11472 28734
	2531.503	CONCRETE CURB AND GUTTER DESIGN B424 CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	502
	2531.503	CONCRETE CURB AND GUTTER DESIGN R424	LIN FT	729
	2531.503	CONCRETE CURB AND GUTTER DESIGN S524	LIN FT	5487
	2531.504 2531.504	8" CONCRETE DRIVEWAY PAVEMENT CONCRETE MEDIAN	SQ YD SQ YD	3314 10503
	2531.504	CONCRETE MEDIAN CONCRETE CURB DESIGN V	LIN FT	1020
	2531.603	CONCRETE SILL	LIN FT	16642
	2531.618	TRUNCATED DOMES	SQ FT	2292
	2545.501	LIGHTING SYSTEM	LUMP SUM	1
	2563.601	TRAFFIC CONTROL	LUMP SUM	1
		FULL SIGNAL REPLACEMENT	SYSTEM	5
		PARTIAL SIGNAL REVISIONS	SYSTEM	1
		MEDIAN REHAB BRIDGE REDECKING	SQ YD LUMP SUM	5100 1
		NEW TURF & EROSION CONTROL	LUMP SUM	1
		DRAINAGE	LUMP SUM	1
		COLORED CONCRETE WALK (ADDED COST)	SQ FT	98390
		ORNAMENTAL METAL RAILING SANITARY SEWER REPLACEMENT	LIN FT LUMP SUM	2680 1
		WATERMAIN REPLACEMENT	LUMP SUM	1
		OH SIGNING	EACH	4
		SUBSURFACE DRAINS	LIN FT	24000
		SIGNING PAVEMENT MARKINGS	LUMP SUM	1
		ITS	LUMP SUM	1

2020 Average Bid Price	2021 Average Bid Price	ESTIMATED UNIT COST (2022 DOLLARS)	TOTAL ESTIMATED COST	Notes
			\$1,500,000.00	5% OF TOTAL COST, prorated to 100th place
** **	** **	** **	** *** ***	
\$2.53 \$1.53	\$1.83 \$2.13	\$2.00 \$2.00	\$3,992.00 \$15,112.00	
\$4.67	\$2.13	\$4.65	\$15,112.00	
V4.07	V4.57	V4.03	V133,100.73	
\$7.35	\$5.55	\$6.50	\$53,254.50	
\$12.12	\$10.41	\$11.00	\$36,630.00	
\$5.20	\$3.52	\$5.00	\$559,930.00	
\$1.32	\$1.54	\$1.50	\$185,232.00	
\$8.18	\$11.92	\$11.00	\$62,414.00	
\$7.91	\$5.29	\$7.00	\$902,909.00	
\$14.06	\$11.56	\$14.00	\$1,003,044.00	18" THICK
\$5.36	\$1.75	\$5.00	\$116,060.00	
\$25.60	\$36.79	\$35.00	\$1,960.00	3" THICK
\$25.60	\$36.79	\$35.00	\$1,960.00	6" THICK
V30.43	V23.00	Q30.00	Q030,030.00	o inick
\$1.42	\$1.59	\$1.60	\$157,016.00	
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\$66.20	\$64.72	\$70.00	\$1,437,240.00	top 4" of reconstruct
\$71.43	\$54.75	\$65.00	\$667,355.00	bottom 2" of reconstruct
\$48.01	\$55.41	\$55.00	\$954,030.00	3" overlay in resurfacing areas, 3" trail
\$10.32	\$10.35	\$11.00	\$1,905,244.00	
\$13.77	\$14.52	\$15.00	\$109,380.00	
\$24.58	\$22.57	\$24.00	6075 200 00	
\$24.58	\$22.57	\$25.00	\$275,328.00 \$718,350.00	
\$31.50	\$22.85	\$25.00	\$12,550.00	
\$32.54	\$27.53	\$30.00	\$21,870.00	
\$24.63	\$23.65	\$25.00	\$137,175.00	
\$76.70	\$83.70	\$100.00	\$331,400.00	
\$88.32	\$46.53	\$65.00	\$682,695.00	
\$47.17	\$48.61	\$50.00	\$51,000.00	
\$16.93		\$17.00	\$282,914.00	
\$51.77	\$52.82	\$53.00	\$121,476.00	
		21 000 000 00	21 000 000 00	
		\$1,900,000.00	\$1,900,000.00	
			\$3,000,000.00	10% OF TOTAL COST, prorated to 100th place
		\$370,000.00	\$1,850,000.00	
		\$200,000.00	\$200,000.00	AT N 6TH ST
		\$40.00	\$204,000.00	+
		\$4,320,000.00	\$4,320,000.00	@\$80/SF
		. ,,	\$900,000.00	3% OF TOTAL COST
			\$3,553,100.00	SEE DRAINAGE TAB IN THIS FILE
		\$3.25	\$319,767.50	
		\$175.00	\$469,000.00	
			\$100,000.00	
			\$1,150,000.00	
		\$70,000.00	\$280,000.00	5% OF TOTAL COST
		\$12.50	\$300,000.00	pipe drains, fine filter agg, fabric, storm conne
			\$300,000.00	1% OF TOTAL COST
			\$240,000.00 \$468,000.00	0.8% OF TOTAL COST
			2400,000.00	

CONTINGENCY (20%)
TOTAL WITH CONTINGENCY
INFLATION FACTOR 1.15

PROJECT TOTAL (2026)

\$6,542,123.75 \$39,252,742.50 \$5,887,911.38 \$45,140,653.88