



STREET IMPROVEMENTS FOR
21ST STREET - MOSLEY TO I-135
PHASE 1

SUMMARY OF WATER ITEMS															
Line No.	Pipe, WL 8" (lf)	Pipe, DCL WL 8" (lf)	Pipe WL 12" (lf)	Pipe WL, 12" (Trenchless) (lf)	Pipe, CIMJ Plug 8" (ea)	Pipe, CIMJ Plug 12" (ea)	Valve Assembly, 8" (ea)	Valve Assembly, Anchored 12", Special (ea)	Valve Assembly, Blowoff (ea)	Fire Hydrant Assembly (ea)	Fire Hydrant Removal (ea)	Cut and Cap (ea)	Valve Box Removed (ea)	Pipe, Connect to Existing (ea)	Pipe, Removed (lf)
1	590.2						1			1	1	2	1	2	23.3
2			20.0	190.0		1		1						1	
3		4.6			1					1		1	2	1	6.5
Totals	591.0	5.0	20.0	190.0	1	1	1	1	1	2	1	3	3	4	29.8

SIDEWALK CONSTRUCTION								
Location	Side	Concrete Sidewalk 4" (sf)	Concrete Sidewalk 5" (sf)	Concrete Sidewalk 8" (sf)	Sidewalk Thickening (lf)	Wheelchair Ramp w/ Detectable Warnings (ea)	Concrete Sidewalk Protection Curb (lf)	REMARKS
21st. St.								
82+68.49 - 85+29.80	LT.	1,572.2			38.7			
82+66.12 - 85+31.92	RT.	1,633.2			38.7			
85+59.79 - 89+06.61	LT.	2,169.7				2		
85+61.97 - 88+92.94	RT.	1,997.6				2	34.7	
90+30.96 - 93+93.88	LT.	2,223.7				2		
90+39.53 - 93+95.94	RT.	2,151.5				2	34.7	
94+25.03 - 96+59.03	LT.	1,438.3						
94+25.27 - 96+33.77	RT.	1,254.1						
Totals		14,441.0	0.0	0.0	78.0	8	70.0	

DRIVEWAY PAVEMENT											
Location	Side	P (ft)	X (ft)	Width (ft)	Quantities on Private Property or past ROW Line						
					Concrete Driveway 8" (Reinf.) (sf)	Concrete Alley 8" (Reinf.) (sf)	Concrete Driveway 8" (Reinf.) (sf)	Concrete Alley 8" (Reinf.) (sf)	AC Pavement 6" (sy)	Aggregate Hookup (sy)	Concrete Curb, Mono Edge (6" & 1-1/2") (lf)
21st. St.											
85+45.39	LT.	35.8	35.8	30.0	1422.2						
85+47.02	RT.	26.9	26.9	30.0	1156.9						
94+10.27	LT.	45.2	45.2	30.0	1717.3						
94+10.28	RT.	16.4	16.4	30.0	757.1						
Totals					5,054.0	0.0	0.0	0.0	0.0	0.0	0.0

P = Distance from back of curb to right-of-way line. X = Distance from back of curb to limit of driveway paving

MAINLINE PAVEMENT									
Location	Side	Concrete Pavement 9" (Reinf.) (sy)	Concrete Pavement 9" (NRDJ) (sy)	Concrete Pavement 6" (sy)	Concrete Approach 12", Railroad (sy)	AC Pavement 12" (8" Bit. Base) (sy)	Crushed Rock Base 6", Reinforced (sy)	Asphalt Hookup (sy)	REMARKS
21st. St. N.									
82+68.27 - 88+76.27	C/L		3457.8				3,930.4		
88+76.27 - 90+56.15	C/L	1637.8					2,093.5		
89+23.38 - 90+10.06	LT.		452.9				566.8		
89+15.59 - 90+17.14	RT.		639.0				770.5		
90+56.15 - 94+08.98	C/L		2609.1				2884.0		
94+60.04 - 96+50.24	C/L						126.6		
Totals		1,638.0	7,159.0	0.0	0.0	0.0	10,372.0	0.0	

CROSSWALK AND MEDIAN PAVEMENT				
Location	Side	Brick Pavers, Crosswalk (sy)	Concrete Base 8" (Reinf.)* (sy)	Brick Pavers, Median (sy)
CLEVELAND INTERSECTION	C/L	381.9	381.9	
21ST. STREET NORTH	C/L			171.1
Totals		382.0	382.0	172.0

* Concrete base below the pavers will be measured and paid for separately. Crushed Rock Base will be measured and paid for as part of the bid item "Crushed Rock Base, 6", Reinforced.

TEMPORARY PAVEMENT PATCHING						
Location	Side	AC Pavement 6", Temporary (sy)	AC Pavement 6", Temporary (Phase Shifts) (sy)	Crushed Rock Base 5", Temporary (sy)	AC Curb, Temporary (lf)	Concrete Curb & Gutter, Removed and Replaced (lf)
WTR Line 1, Sta. 10+00	North/Lt.	13.00			8.0	
Project Wide		500.00				
Totals		513.0	0.0	0.0	8.0	0.0

EARTHWORK					
Location	EXCAVATION ITEMS				Fill, Compacted (95% Density) (cy)
	Pavement &/or Curb Removed (sy)	Sidewalk, Drive, &/or Pkg Lot Removed* (sy)	Excavation (cy)	VMF	
21st. St.					
Mainline (Less Median)	7,292.2	976.4	4,914.8	0.8	191.8
East Median	256.6				
Cleveland	901.6				
Totals	8,451.0	977.0	4,915.0		191.8

* Includes all sidewalk, ramps, driveways, bus pads and all pavement on private property.

Δ See General Note concerning existing pavement thicknesses.

CONCRETE CURB AND GUTTER					
Location	Side	Concrete C & G, Type 1 (6" & 1-1/2") (lf)	Concrete C & G, Type 3 (8" & 1-1/2") (lf)	Concrete Curb, Mono Edge (8") (lf)	Concrete Ramp Nose Section (Median) (ea)
21st. St.					
82+67.27 - 85+10.95	LT.	243.1			
82+68.05 - 85+12.85	RT.	244.5			
85+10.95 - 85+80.90	LT.	70.0			
85+12.85 - 85+82.91	RT.	70.1			
85+80.90 - 89+28.79	LT.	428.1			
85+82.91 - 89+33.42	RT.	434.8			
89+96.74 - 93+72.85	LT.	444.7			
90+01.37 - 93+79.29	RT.	463.2			
93+72.85 - 94+44.93	LT.	71.6			
93+79.29 - 94+43.86	RT.	65.3			
94+85.09 - 95+23.45	LT.	38.4	356.4		2
94+66.04 - 96+44.24	C/L				
95+57.15 - 96+74.35	LT.	117.2			
Cleveland Ave.					
-1+27.86 - 0+87.35	C/L		81.0		2
0+59.76 - 1+00.26	C/L		81.0		2
Totals		2,691.0	519.0	0.0	6

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SUMMARY OF QUANTITIES

PROJECT NO. 472-2021-085733

DATE 12/28/2022

SCALE N/A

DESIGNED SLF DRAWN DU CHECKED JRA

NO. REVISION DATE

SHEET NO.