BENCH MARKS:

CP#1 @ "+" IN SOUTH WALK ON MAPLE ST & CENTER LINE EXTENDED OF ALLEY = 628.39
RR1 SPIKE 2nd PP#79T95005 S. OF MAPLE = 633.00
CP#10 @ N.L. OF WINSLOW ST & ALLEY = 627.64

LEGEND:

4" SIDEWALK REMOVAL & REPLACEMENT=
6" DRIVEWAY REMOVAL & REPLACEMENT=
6" SIDEWALK REMOVAL & REPLACEMENT=
8" DRIVEWAY REMOVAL & REPLACEMENT=

BILL OF BARS

BAR. NO.	COATED BAR	NO. REQ'D	LENGTH	BENT BAR	306 LBS COATED	
					LBS	LOCATION
W301	X	20	3		22.56	FOOTING HORIZONATAL
W401	X	6	32-0		128.64	BODY HORIZONTAL
W601	X	5	2 - 2		17.25	BODY VERTICAL, SPACED AT 1 - 6
W602	X	6	2 - 3		21.6	BODY VERTICAL, SPACED AT 1 - 6
W603	X	7	2 - 6		26.25	BODY VERTICAL, SPACED AT 1 - 6
W604	X	9	2 - 7		37.8	BODY VERTICAL, SPACED AT 1 - 6
W605	X	4	3 - 3		19.8	BODY VERTICAL, SPACED AT 1 - 6
W606	X	6	3 - 5		31.5	BODY VERTICAL, SPACED AT 1 - 6
W607	X	4	3 - 8		22.8	BODY VERTICAL, SPACED AT 1 - 6
					328.2	

NOTES:

1. ADJUST SANITARY MANHOLE–REPLACE EXISTING MANHOLE FRAME & COVER WITH A NEW FRAME & SELF–SEALING LID (SUPPLIED BY THE CITY). INSTALL ¾" INTERNAL / EXTERNAL ADAPTOR SEAL (I.A.S.) WITH 10" RUBBER SLEEVE (SUPPLIED BY THE CONTRACTOR).
2. RECONSTRUCT SANITARY MANHOLE–REPLACE EXISTING MANHOLE FRAME & COVER WITH A NEW FRAME & SELF–SEALING LID (SUPPLIED BY THE CITY). INSTALL ¾" INTERNAL / EXTERNAL ADAPTOR SEAL (I.A.S.) WITH 10" RUBBER SLEEVE (SUPPLIED BY THE CONTRACTOR).
3. RECONSTRUCT TYPE A STORM WATER INLET.
4. RECONSTRUCT TYPE B STORM WATER INLET.
5. INSTALL/ADJUST STORM MANHOLE FRAME & COVER, IF NEW IS NEEDED THE CITY WILL SUPPLY.
6. INSTALL/ADJUST STORM INLET FRAME & COVER, IF NEW IS NEEDED THE CITY WILL SUPPLY.
7. THE CONTRACTOR SHALL INSTALL INLET PROTECTION TYPE C ON ALL INLETS WITHIN OR ADJACENT TO THE PAVING LIMITS OF THE CONTRACT.
8. BUILD TYPE 1 RAMP 6–INCH WITH DETECTABLE WARNING FIELD YELLOW.
9. BUILD TYPE 2 RAMP 6–INCH WITH DETECTABLE WARNING FIELD YELLOW.
10. TYPE A PAVEMENT REMOVAL AND REPLACEMENT.
11. TYPE B PAVEMENT REMOVAL AND REPLACEMENT.
12. TYPE D PAVEMENT REMOVAL AND REPLACEMENT.
13. BUILD TYPE A STORM WATER INLET.
14. BUILD TYPE B STORM WATER INLET.
15. REBUILD STORM MANHOLE.
16. REBUILD SANITARY MANHOLE.

N

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1–800–242–8511
WIS. STATUTE 1820175 (1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE
TDD 1–800–542–2899
www.DiggersHotline.com

ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY	UNIT COST	ITEM COST
204.0246	REMOVING ANCILLARY STRUCTURE	EACH	1		
204.0170	REMOVING FENCE	LF	63		
206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS	LS	1		
310.0100	BASE AGGREGATE OPEN-GRADED	TON	1		
502.0100	CONCRETE MASONRY RETAINING WALL	CY	8		
505.0100	BAR STEEL REINFORCEMENT NO. 3	LBS	22.56		
505.0100	BAR STEEL REINFORCEMENT NO. 4	LBS	128.64		
505.0100	BAR STEEL REINFORCEMENT NO. 6	LBS	177		
603.0105	CONCRETE BARRIER SINGLE FACE VARIABLE HEIGHT	LF	63		
612.0400	PIPE UNDERDRAIN WRAPPED 4 - INCH	LF	78		
616.0200	FENCE CHAIN LINK 5 - FOOT	LF	63		
619.1000	MOBILIZATION	EACH	1		

DATE COMPLETED	CONTRACT NUMBER	INITIAL & DATE	DESIGNED		DRAWN		CHECKED		SURVEYED		FIELD BOOK	PAGE	TYPE OF WORK	LOCATION	CONFINES
MM-YY	2021006		RLF	12-20	JCK	01-21	APM	02-21	JCK	10-20	2020	73	CONCRETE MASONRY RETAINING WALL EOQ	ALLEY	MAPLE STREET TO WINSLOW STREET/ JONES STREET TO N. MEMORIAL DRIVE

SCALE: 1" = 20' 1" = 2'
VERIFY SCALES
LENGTH OF BAR IS 1" ON THIS DRAWING
IF BAR IS NOT 1", ADJUST SCALE(S) ACCORDINGLY

OFFICE OF THE CITY ENGINEER
CITY OF RACINE, WISCONSIN

RACINE ON THE LAKE
City of Racine, Wisconsin

APPROVED Richard L Frazier
DATE January 28, 2022

SHEET 23 OF 25

CASE	DRAWER	FOLDER

RELEASE 1.0 (AUGUST 2008)