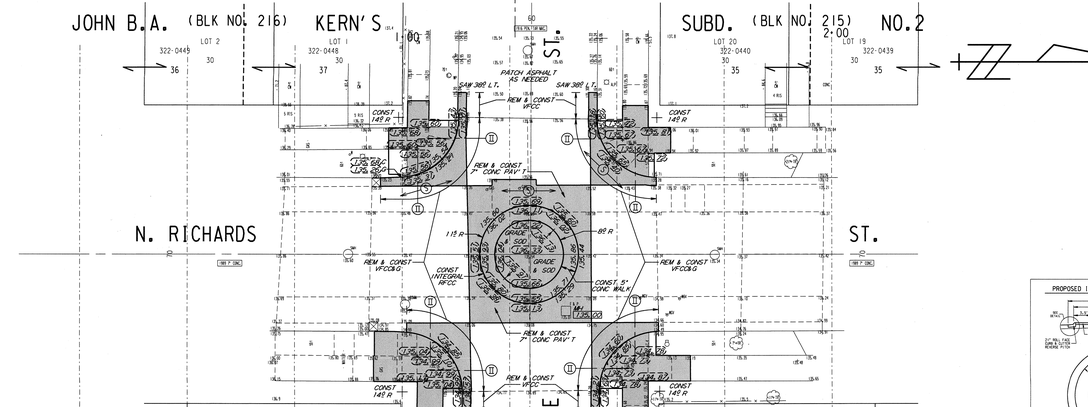


INFRASTRUCTURE SERVICES DIVISION
CONSTRUCTION SECTION
MAINTENANCE SERVICES
WATER DISTRIBUTION
MILWAUKEE, WISCONSIN

LEVELS BM: PLUG
DATE: 8-5-13
DRAWN BY: BARGEN
DATE: 8-5-13
FIELD BK: 27896

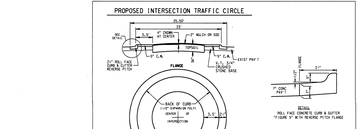
THROUGH LINE IS THE CENTER LINE OF THE RIGHT OF WAY BASED ON CURVE DATA FROM THE CITY OF MILWAUKEE DEPT OF PLANNING AND CLARKE

NOTES :

- Ⓘ.Ⓘⓘ.Ⓘⓘⓘ. DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
X	MOBILIZATION	L.S.						
X	FINISHING ROADWAY	L.S.						
X	BARRICADING AND SIGNING	L.S.						
X	CUTTING	C.Y.						
X	ROADWAY CUTTING	C.Y.						
	FILLING	C.Y.						
	ROADWAY FILLING	C.Y.						
X	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
X	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
X	VF CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	RF CONCRETE CURB	L.F.						
	7" CONCRETE DRIVEWAY	S.F.						
X	7" CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.1 MAIL.	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
X	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						



CONDITION OF CONCRETE
1 BROKEN
2 BLUE LINED
3 BACK PITCHED
4 CRACKED
5 EXCESSIVE PITCH
6 HEAVED
7 JOINT FAILURE
8 MUD JACKED
9 PATCHED
10 POOR CONDITION
11 SETTLED
12 SPALLED
13 VERY GOOD
14 VERY POOR

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
CITY DEVELOPMENT DIVISION
FIELD & DESIGN ENGINEERING
CITY ENGINEER'S OFFICE

PLAN (OF) N. RICHARDS ST. AT E. CLARKE ST.
(TRAFFIC CIRCLE)

FILE NO.

THIS SECTION					
DRAWN BY	R. MATHENY	DATE: 01-16-14	PROJECT NO.	SHEET 1 OF 1	
DESCRIPTIONS BY	R. MATHENY	DATE: 01-16-14	S7213-30185		
CHECKED BY	D. MANACK	DATE: 01-16-14	ORIGINAL SHEET SIZE	24x36	
LEVELS TOWER BY	R. MATHENY	DATE: 01-16-14	1"=10'	22x32	6
DESIGNED BY	D. MANACK	DATE: 01-16-14	ORIGINAL	SEE CROSSSECTION LIST	
CHECKED BY	D. MANACK	DATE: 01-16-14	REVISED		
CHECKED BY		DATE: 11/6/14	REVISED		
FIELD BK VOL/PG	30/34,35,36,37,38,39,40,41,42,43	DATE: 1/29/14	REVISED		
PLOT DATE: 01-16-2014					

STORM ORDINANCE INFO
C.B.N. 0 INSET 0 ABANDON 0
PROJECT IN LCOMP: ~~COMPLETED~~ AREA

DATE	TO	
11/10/15		
11/13/15		

CITY MAP NO.	
PUBLIC CLEARING	
PUBLIC SEWER	16
SEWER	
STREET LIGHTING	
PUBLIC WATER	
WATERMAIN	
STREET FILE	24-1
R.O.W.	
R.L.F.S.	
PROJECT SYSTEM	
CONC. WALK, CURB	
MAILBOX BOXES	
WOOD POLES	
STREET LIGHTS	
UTILITY POLES	
PLANTING	15C
EXISTING	
PLAN	24-1

EROSION CONTROL	AND C.B.	REQUISITION	PLAN
TYPE M	CBM / RESET	X ABANDON	24
2	0 / 0	0	NO.

S3388 # 1 of 1 CITY OF MILWAUKEE 21st STREET