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 AND PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- PROJECT IS DESIGNED TO BE CONSTRUCTED WITH EQUAL PASSES WITH A CROWN AS INDICATED IN EACH PASS, REDUCING THROUGH THE INTERSECTION(S) AS SHOWN.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE .17' MINIMUM COVERAGE AT FLANGES AND 0.17' AT BUTT JOINTS AND 0.25' MINIMUM ELSEWHERE.
- ANY TREES TO BE REMOVED AS PART OF THE PROJECT, WILL BE NOTED IN SPECIAL PROVISIONS.
- PITCH FLANGE .08 UNLESS OTHERWISE SHOWN.
- REMOVE ALL ASPHALT PATCHES WITHIN THE LIMITS OF CONSTRUCTION.
- CAUTION DURING CRACK & SEAT - 42" WATER MAIN.

CONDITION OF CONCRETE	
B	BROKEN
BL	BLUE LINED
BP	BACK PITCHED
C	CRACKED
EP	EXCESSIVE PITCH
H	HEAVED
	JOINT FAILURE
	MUD JACKED
	PATCHED
	POOR CONDITION
	SETTLED
	SPALLED
	VERY GOOD
	VERY POOR

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.						
	ROADWAY CUTTING	C.Y.						
X	FILLING	C.Y.						
	ROADWAY FILLING	C.Y.						
	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	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
X	5' CONCRETE WALK	S.F.						
X	7' CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
	7' CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T. ASPH. CONC. PAV'T. (MAX.)	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						
X	JT & CRACK REPAIR	L.F.						1000
X	CRACK & SEAT PAVEMENT	S.Y.						

FILE NO.	59

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

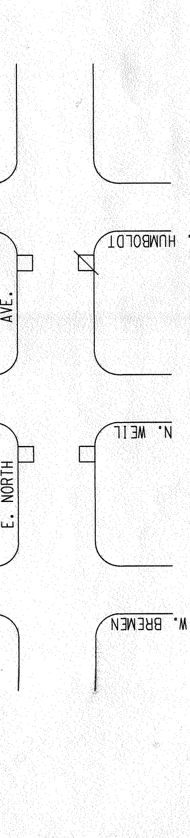
PLAN OF: E. NORTH AVE. (1100E, 2300N)

THIS SECTION: N. HUMBOLDT AVE. TO W. BREMEN ST.

DRAWN BY	JASON BARMAN	DATE: 2/12/13	PROJECT NO. ST211130114		SHEET 1 OF 1
DESCRIPTIONS BY	JASON BARMAN	DATE: 2/12/13	SCALE	1/4 SEC.	ALD. DIST.
LEVELS BY		DATE:	1" = 10'	321, 354	3, 6
LEVELS TRANSF. BY		DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
DESIGNED BY	M. MANHARDT	DATE:			
GRADES TRANSF. BY	JASON BARMAN	DATE: 2/12/13	REVISED:		
CHECKED BY	D. Ulabach	DATE: 3/7/13	REVISED:		
APPROVED BY	[signature]	DATE: 3/8/13	REVISED:		
FILE: V:\PWELIB\PAVING\29216.FIN					
PLOT DATE: 05-MAR-2013					

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 3	ABANDON - 0
PROJECT IN (COMB) AREA		

TO \ DATE	3/8/13	7/22/13	2/7/14
ESTIMATING	1		
HOLLOW WALKS	1		
PUBLIC HEARING	1		
CONSTRUCTION	1	6	6
SEWER	1		
WATER	1		
STREET LIGHTING	1		
BLDG. SEWERS	1		
MEASURING		1	1
FIELD		1	1
DISTRICT FILE	2		
FORESTRY	1		
W.E. / G.O.	1		
WIS. GAS CO.	1		
TRANSIT SYSTEM	1		
CABLE TV	1		
UND. GRD. COND.	1		
WATER DIST.	1		
WEPCO N/S	1		
WEPCO S/S	1		
SEWER SERVICES	1		
UTILITY COOR.	1		
Traffic Eng RM 506	1		
PLAN SIZE	15	15	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW		☐ - RESET	X - ABANDON	☒ NO WORK
6	0		3	0	

E. NORTH AVE. - N. HUMBOLDT AVE. TO N. BREMEN ST.

ST211130114 12" X 101" 29216 #59 (1 OF 1)