NOTES :
- (I), (II), (III), 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 TOPSOIL AND SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION.
- SLOPE FROM FLOW-LINE TO EDGE OF ALLEY VARIES (SCREED REQUIRED).

CONDITION OF CONCRETE
- B BROKEN
- BL BLUE LINED
- BP BACK PITCHED
- C CRACKED
- EP EXCESSIVE PITCH
- H HEAVED
- JF JOINT FAILURE
- MJ MUD JACKED
- P PATCHED
- PC POOR CONDITION
- S SETTLED
- SP SPALLED
- VGC VERY GOOD
- VPC 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.						
X	ROADWAY CUTTING	C.Y.						
X	FILLING	C.Y.						
X	ROADWAY FILLING	C.Y.						
X	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
	CONCRETE CURB & GUTTER	L.F.						
X	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
	5' CONCRETE WALK	S.F.						
	7' CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
X	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.						
	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
X	ASPH PAVEMENT	TON						
X	4" CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
X	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						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

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

PLAN OF: ALLEY BETW.
N.CRAMER ST., E. NEWBERRY BL., N. OAKLAND AVE., E. PARK PL.

FILE NO. 106

THIS SECTION:			
DRAWN BY	B. MATHENY	DATE: 11-8-13	PROJECT NO. ST212140132
DESCRIPTIONS BY	B. MATHENY	DATE: 11-8-13	SHEET 1 OF 1
LEVELS BY	WILLIAMS	DATE: 11/12/13	SCALE 1"=10' ; 1/4 SEC. 316 ; ALD.DIST. 3
LEVELS TRANSF. BY	LEUNG	DATE: 11/12/13	
DESIGNED BY	D. GEHRING	DATE: 11/15/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	B. MATHENY	DATE: 12/19/13	REVISED:
CHECKED BY	D. [signature]	DATE: 2/24/14	REVISED:
APPROVED BY	[signature]	DATE: 2/26/14	REVISED:
FILE: V:\PWELIB\PAVING\29391.FIN			
PLOT DATE: 17-FEB-2014			

STORM DRAINAGE UNITS
C.B.W.- 0 | RESET- 1 | ABANDON- 0
PROJECT IN (COMB) (SEPARATED) AREA

DATE / TO	6/26/14	6/26/14
ESTIMATING	1	
HOLLOW WALKS		
PUBLIC HEARING		
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS		
MEASURING		1
FIELD		
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S	1	
WEPCO S/S		
SEWER SERVICES		
UTILITY COOR.	1	
TrafficEng RM 506	1	6
PLAN SIZE	12' X 113'	

E. NEWBERRY BLVD.
(N. OAKLAND AVE.)
(N. CRAMER ST.)
E. PARK PL.

EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	☐ - RESET		✕ - ABANDON	NO WORK
1	0	1		0	

ALLEY BETW. - N.CRAMER ST., E. NEWBERRY BL., N. OAKLAND AVE., E. PARK PL. (1 OF 1)
ST212140132 12" X 113" # 29391