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 OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.
- SLOPE FROM ALLEY EDGE TO F/L VARIES (SCREED REQUIRED).
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.

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.						
	SAWING	L.F.						
X	TREES CLEARING	I.D.						
X	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.						
	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.(MAX.)	TONS						
X	4" CRUSHED STONE BASE	S.Y.						
	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						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

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

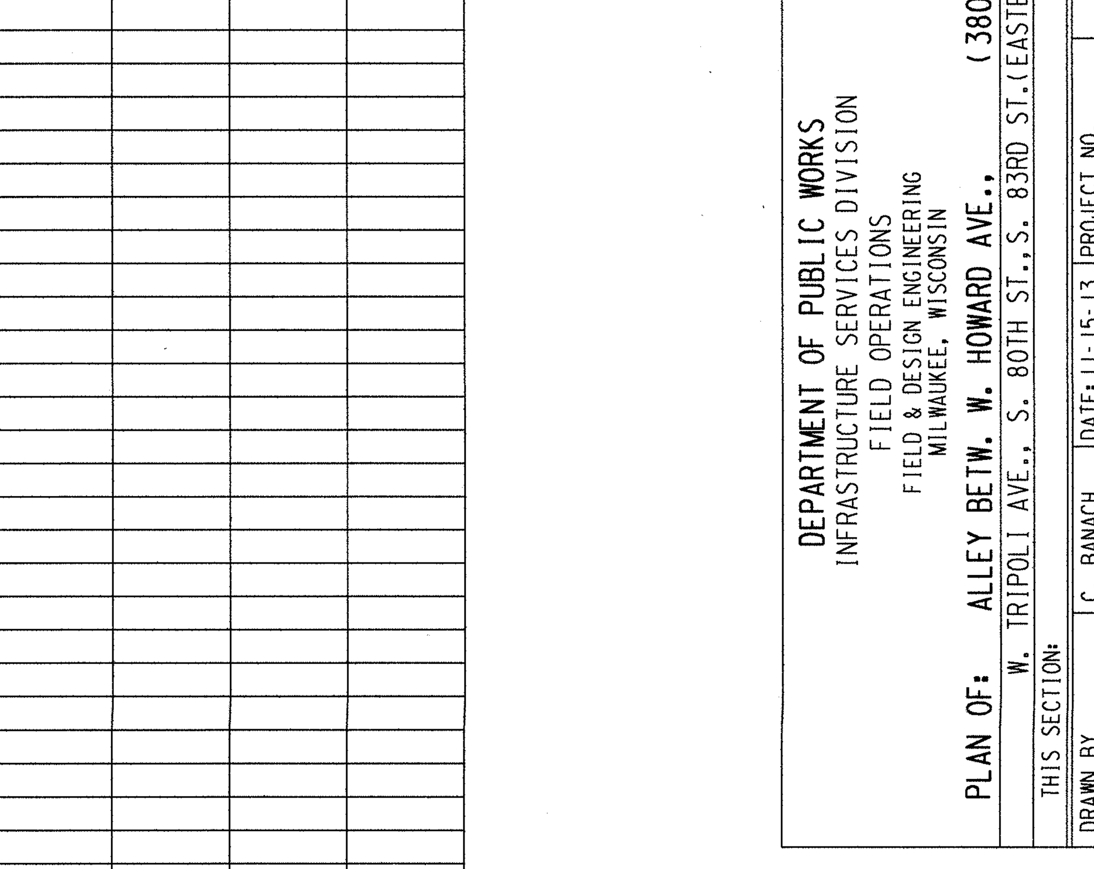
DATE / TO	3/10/14	6/26/14
ESTIMATING		
HOLLOW WALKS		
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS		
MEASURING	1	
FIELD		
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S	1	
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng RM 506	1	
PLAN SIZE	6	

FILE NO. 197

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

PLAN OF: ALLEY BETW. W. HOWARD AVE., (3800S, 8000W)
W. TRIPOLI AVE., S. 80TH ST., S. 83RD ST.(EASTERLY 200'+/-)

THIS SECTION:				
DRAWN BY	C. BANACH	DATE: 11-15-13	PROJECT NO. ST212140133	SHEET 1 OF 1
DESCRIPTIONS BY	S. SALAPAT	DATE: 01-28-14	SCALE 1"=10'	1/4 SEC. 559 / ALD.DIST. 11
LEVELS BY	V. RIVERA	DATE: 11-08-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
LEVELS TRANSF. BY		DATE:	REVISED:	
DESIGNED BY	A. SHAAFSMA	DATE: 2-5-14	REVISED:	
GRADES TRANSF. BY	B. SNYDER	DATE: 2-21-14	REVISED:	
CHECKED BY	D. [signature]	DATE: 3/5/14		
APPROVED BY	[signature]	DATE: 3/5/14		
FILE: V:\PWELIB\PAVING\29395.FIN				
PLOT DATE: 04-MAR-2014				



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

ALLEY BETW. W. HOWARD AVE., W. TRIPOLI AVE., S. 80TH ST., S. 83RD ST. (EASTERLY 200'+/-)

ST212140133 12" X 60" # 29395 (1 OF 1)