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 & SOD THE ENTIRE AREA BETWEEN THE WALK AND CURB.
- GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08 CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTION(S) AS SHOWN.
- NEW ASPHALTIC CONCRETE PAVEMENT (STAGE CONSTRUCTION), SHALL CONSIST OF:
  1 1/2" OF ASPHALT CONCRETE PAVEMENT ON
  3" ASPHALT BINDER ON
  6" CRUSHED STONE BASE
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17' MINIMUM COVER AT THE FLANGES AND BUTT JOINTS 0.21' MINIMUM ELSEWHERE.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).
- ANY TREES TO BE REMOVED AS PART OF THE PROJECT, WILL BE NOTED IN THE PROVISIONS.
- PITCH FLANGE 0.08 UNLESS OTHERWISE SHOWN.

CONDITION OF CONCRETE
B BROKEN
BL BLUE LINED
BP BACK PITCHED
C CRACKED
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.						
X	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.						
X	31" 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.						
X	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	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.						
	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						

STORM DRAINAGE UNITS
C.B.W.- 2 RESET- 2 ABANDON- 0
PROJECT IN (SEPARATED) AREA

FILE NO. 767

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

PLAN OF: W. LAPHAM ST.

S. 37TH ST. TO S. 38TH ST.

THIS SECTION:

DRAWN BY	G GUERRA	DATE: 09/13/12	PROJECT NO. ST211130116	SHEET 1 OF 1
DESCRIPTIONS BY	G GUERRA	DATE: 09/13/12		
LEVELS BY	SCHAAFSMA	DATE: 07/06/12	SCALE 1"=10'	1/4 SEC. 457 / ALD.DIST. 8
LEVELS TRANSF. BY	SCHAAFSMA	DATE: 07/06/12		
DESIGNED BY	M. MANHARDT	DATE: 10/11/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	B. MATHENY	DATE: 12/05/12	REVISED:	
CHECKED BY	D. [signature]	DATE: 3/4/13	REVISED:	