NOTES : 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 AND SOD ENTIRE AREA BETWEEN CURB AND CONCRETE WALK.
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN. (SANITARY)
- IN AREAS OF GRINDING, GRIND TO ACHIEVE .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS, AND .21' MINIMUM ELSEWHERE.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08 CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTIONS AS SHOWN.

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.						
X	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	CONCRETE CURB & GUTTER	L.F.						
X	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
X	7" CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
X	6" CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.(MAX.)	TONS						
X	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.						
X	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
X	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

STORM DRAINAGE UNITS		
C.B.W.- 2	RESET- 10	ABANDON- 2
PROJECT IN SEPARATED AREA		

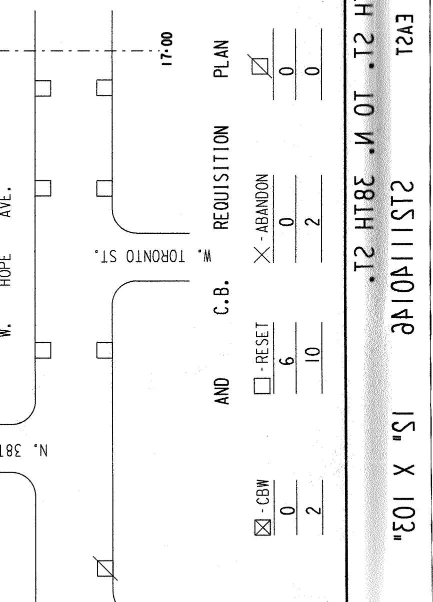
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 384

PLAN OF: W. HOPE AVE. (N4200, W3500-3800)
N. 35TH ST. TO N. 38TH ST.
THIS SECTION: N. 38TH ST. TO A PT. 450'+/- E. OF N. 38TH ST.

DRAWN BY	G. GUERRA	DATE: 10/14/13	PROJECT NO.		
DESCRIPTIONS BY	G. GUERRA	DATE: 10/14/13	ST211140146	SHEET 1 OF 2	
LEVELS BY	L. BEKELE	DATE: 10/10/13	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	M. SHIBILSKI	DATE: 10/18/13	1"=10'	247	7
DESIGNED BY	R. DUCHOW	DATE: 12/6/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. SALAPAT	DATE: 1/18/14	REVISED:		
CHECKED BY	[signature]	DATE: 3/7/14	REVISED:		
APPROVED BY	[signature]	DATE: 3/7/14	REVISED:		
FILE: V:\PWELIB\PAVING\29372.FIN					
PLOT DATE: 05-MAR-2014					

TO \ DATE	3/11/14	5/16/14	
ESTIMATING	1		
HOLLOW WALKS	1		
PUBLIC HEARING	1		
CONSTRUCTION	1	6	
SEWER	1		
WATER	1		
STREET LIGHTING	1		
BLDG. SEWERS	1		
MEASURING		1	
FIELD		1	
DISTRICT FILE		2	
FORESTRY			
W.E. / G.O.	1		
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		
Traffic Eng RM 506	1		
PLAN SIZE		15	
		12"X103"	



PLAN AND C.B. REQUISITION PLAN

	TYPE M	CBW	RESET	ABANDON	
PLAN	7	0	6	0	0
PROECT TOTAL	13	2	10	2	0

W. HOPE AVE. - N. 35TH ST. TO N. 38TH ST.
N. 38TH ST. TO A PT. 450'+/- EAST
(1 OF 2) # 29372 12" X 103" ST211140146

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.

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.
MOBILIZATION	L.S.							
FINISHING ROADWAY	L.S.							
BARRICADING AND SIGNING	L.S.							
CUTTING	C.Y.							
ROADWAY CUTTING	C.Y.							
FILLING	C.Y.							
ROADWAY FILLING	C.Y.							
PAVEMENT REMOVAL	S.Y.							
BITUMINOUS SURFACE REMOVAL	S.Y.							
CURB &/OR CURB & GUTTER REMOVAL	L.F.							
CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.							
SAWING (FULL DEPTH)	L.F.							
SAWING	L.F.							
TREES CLEARING	I.D.							
TREES GRUBBING	I.D.							
CONCRETE CURB & GUTTER	L.F.							
V.T. CONC.WALK &/OR DRIVEWAY	C.Y.							
5" CONCRETE WALK	S.F.							
7" CONCRETE DRIVEWAY	S.F.							
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.							
V.T.ASPH.CONC.PAV'T.(MAX.)	TONS							
CRUSHED STONE BASE								
CRUSHED GRAVEL BASE								
GRAVEL FILLING	TON							
SODDING	S.Y.							
TOPSOIL	C.Y.							
PAVEMENT GRINDING (ASPHALT)	S.Y.							
PAVEMENT GRINDING (CONCRETE)	S.Y.							
SEALING PAV'T JOINTS & CRACKS	S.Y.							
MANHOLE RINGS	EACH							
SEWER FRAME ADJUSTMENT	V.F.							
MANHOLE SEAL (CITY FURNISHED)	EACH							
EROSION CONTROL (TYPE M)	EACH							

STORM DRAINAGE UNITS
C.B.W. - 2 | RESET - 4 | ABANDON - 2
PROJECT IN SEPARATED AREA

FILE NO. 385

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

PLAN OF: W. HOPE AVE.
N. 35TH ST. TO N. 38TH ST.
THIS SECTION: 250'+/- W. OF N. 36TH ST TO N. 35TH ST.

DRAWN BY	G. GUERRA	DATE: 10/14/13	PROJECT NO. ST211140146	SHEET 2 OF 2
DESCRIPTIONS BY	G. GUERRA	DATE: 10/14/13	SCALE 1"=10'	1/4 SEC. 247 / ALD.DIST. 7
LEVELS BY	[illegible]	DATE: 10/10/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
LEVELS TRANSF. BY		DATE:	REVISED:	
DESIGNED BY	R. DUCHOW	DATE: 12/6/13	REVISED:	
GRADES TRANSF. BY	S. SALAPAT	DATE: 1/14/14	REVISED:	
CHECKED BY	[illegible]	DATE: 3/4/14	REVISED:	
APPROVED BY	[illegible]	DATE: 3/4/14		
FILE: V:\PWELIB\PAVING\29372.FIN				
PLOT DATE: 05-MAR-2014				

DATE	3/5/14	3/11/14
TO		
ESTIMATING		
HOLLOW WALKS		
PUBLIC HEARING		
CONSTRUCTION	6	
SEWER		
WATER		
STREET LIGHTING		
BLDG. SEWERS		
MEASURING	1	
FIELD		
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.	1	
W.E. 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	
[illegible]		
PLAN SIZE	15	

C.B. REQUISITION PLAN

X - ABANDON	2
☐ - RESET	4
☒ - CBW	2
NO WORK	O

EROSION CONTROL TYPE M PLAN 6

N. 35TH ST. — W. HOPE AVE. — N. 36TH ST.

W. HOPE AVE. - N. 38TH ST. TO N. 35TH ST. 250'+/- W. OF N. 36TH ST. TO N. 35TH ST.
ST211140146 12" X 103'
S2372 # (2 OF 2)