SEE SHEET 2 OF 3

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.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17' MINIMUM COVER AT FLANGES, 0.17' AT BUTT JTS AND 0.33' MINIMUM ELSEWHERE.
- GRADE AND PLACE 1½ WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.

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

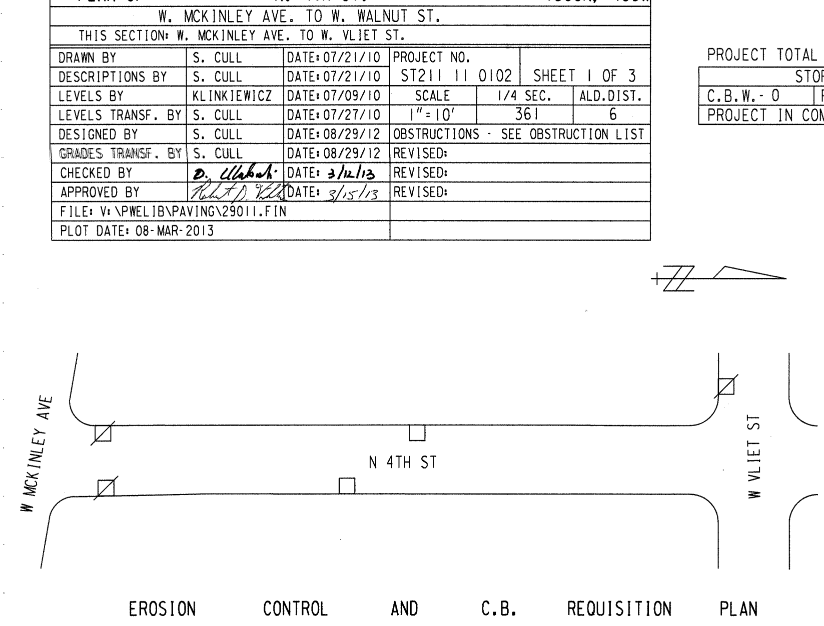
ESTIMATE / CERTIFICATE QUANTITIES

	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.						
	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.						
	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						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN			FILE NO. 788		
PLAN OF:	N. 4TH ST.		1300N, 400W		
W. MCKINLEY AVE. TO W. WALNUT ST.					
THIS SECTION: W. MCKINLEY AVE. TO W. VLIET ST.					
DRAWN BY	S. CULL	DATE: 07/21/10	PROJECT NO.		
DESCRIPTIONS BY	S. CULL	DATE: 07/21/10	ST211 11 0102	SHEET 1 OF 3	
LEVELS BY	KLINKIEWICZ	DATE: 07/09/10	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	S. CULL	DATE: 07/27/10	1" = 10'	361	6
DESIGNED BY	S. CULL	DATE: 08/29/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 08/29/12	REVISED:		
CHECKED BY	[signature]	DATE: 3/12/13	REVISED:		
APPROVED BY	[signature]	DATE: 3/15/13	REVISED:		
FILE: V:\PWELIB\PAVING\29011.FIN					
PLOT DATE: 08-MAR-2013					

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 14	ABANDON- 0
PROJECT IN COMB SEPARATED AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	⧄
SHEET TOTAL	5	0	2	0	NO WORK
PROJECT TOTAL	20	0	14	0	

TO \ DATE	3/18/13				
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1				
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. Sewers	1				
MEASURING					
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				
Traffic Eng	1				
PLAN SIZE	18"X103"				

N. 4TH ST. W. MCKINLEY AVE. TO W. WALNUT ST. 18" X 103" ST211110102 (1 OF 3) #788

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.

ESTIMATE / CERTIFICATE QUANTITIES

CONDITION OF CONCRETE

- B BROKEN
- BL BLUE LINED
- BP BACK PITCHED

EROSION CONTROL AND C.O. REQUISITION PLAN

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.
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CONDITION OF CONCRETE
B BROKEN
BL BLUE LINED
BP BACK PITCHED
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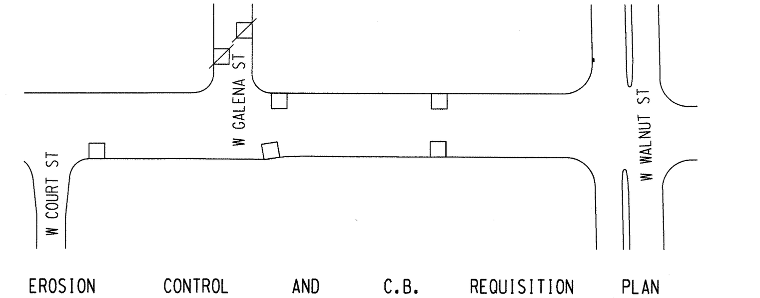
EP EXCESSIVE PITCH
H HEAVED
JF JOINT FAILURE
MJ MUD JACKED
P PATCHED
PC POOR CONDITION
S SETTLED
SP SPALLED
VGC VERY GOOD
VPC VERY POOR

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.)	S.Y.						
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						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN				FILE NO. 790
PLAN OF: N. 4TH ST. 1500-1600N, 400W				
W. MCKINLEY AVE. TO W. WALNUT ST.				
THIS SECTION: W. COURT ST. TO W. WALNUT ST.				
DRAWN BY	S. CULL	DATE: 07/21/10	PROJECT NO. ST211 11 0102	SHEET 3 OF 3
DESCRIPTIONS BY	S. CULL	DATE: 07/21/10	SCALE 1"=10'	1/4 SEC. 361 / ALD. DIST. 6
LEVELS BY	KLINKIEWICZ	DATE: 07/09/10		
LEVELS TRANSF. BY	S. CULL	DATE: 07/27/10		
DESIGNED BY	S. CULL	DATE: 08/29/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	S. CULL	DATE: 08/29/12	REVISED:	
CHECKED BY	D. Urbanski	DATE: 3/12/13	REVISED:	
APPROVED BY	[signature]	DATE: 3/15/13	REVISED:	
FILE: V:\PWELIB\PAVING\29011.FIN				
PLOT DATE: 08-MAR-2013				

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



EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	CBW	RESET	ABANDON	NO WORK
SHEET TOTAL	7	0	5	0	

TO	DATE 3/18/13
ESTIMATING	1
HOLLOW WALKS	1
PUBLIC HEARING	1
CONSTRUCTION	1
SEWER	1
WATER	1
STREET LIGHTING	1
BLDG. Sewers	1
MEASURING	
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
Traffic Eng.	1
PLAN SIZE	18" X 120"

N. 4TH ST. - W. MCKINLEY AVE. TO W. WALNUT ST.

18" X 120"

ST211110102 29011 (3 OF 3) #1790