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.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN (SANITARY).
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.10' CROWN IN EACH PASS.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE A MINIMUM 0.17 COVER AT FLANGES AND BUTT JOINTS, AND A 0.21 MINIMUM ELSEWHERE.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.
- GRADE & SOD THE ENTIRE AREA BETWEEN CURB AND WALK.
- ANY TREES TO BE REMOVED AS A PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.

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.						
X	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
	9" CONCRETE DRIVEWAY	S.F.						
X	8" 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	TRACK ZONE REMOVAL	S.Y.						
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						

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

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

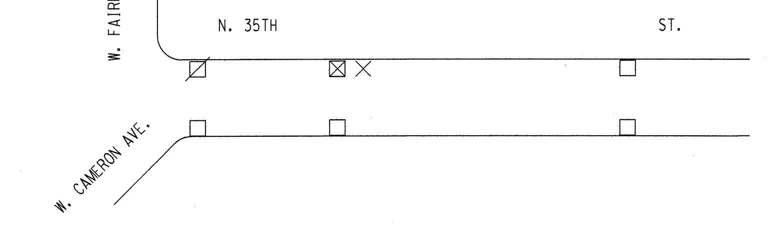
FILE NO. 275

PLAN OF: N. 35TH ST. W3500, N5000-5200
W. CAMERON AVE. TO W. VILLARD AVE.
THIS SECTION: 475'± SOUTH OF W. EGGERT PL. TO W. CAMERON AVE.

DRAWN BY	B. MATHENY	DATE: 01/25/13	PROJECT NO.		
DESCRIPTIONS BY	G. GUERRA	DATE: 04/04/13	ST211130121	SHEET 1 OF 2	
LEVELS BY	D.P. GEHRING	DATE: 04/04/13	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	G. GUERRA	DATE: 04/04/13	1" = 10'	193, 207, 192	1
DESIGNED BY	D.P. GEHRING	DATE: 03/04/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	G. GUERRA	DATE: 04/04/13	REVISED: 8/20/13 - DUCHOW		
CHECKED BY	D. Ulubosky	DATE: 9/11/13	REVISED:		
APPROVED BY	[signature]	DATE: 9/16/13	REVISED:		
FILE: V:\PWELIB\PAVING\29234.FIN					
PLOT DATE: 06-SEP-2013					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 1	RESET- 4	ABANDON- 1
PROJECT IN (SEPARATED) AREA		



	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON		⍁
THIS SHEET	6	1	4	1		NO WORK
PROJECT	12	2	9	2		

TO \ DATE	9/16/13	1/24/14			
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	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 RM506	1	15			
PLAN SIZE	17.5"X104'				

N. 35TH ST. - W. CAMERON AVE. TO W. VILLARD AVE. ST211130121 17.5"X104" 29234 # (1 OF 2)

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

Symbol	Condition
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

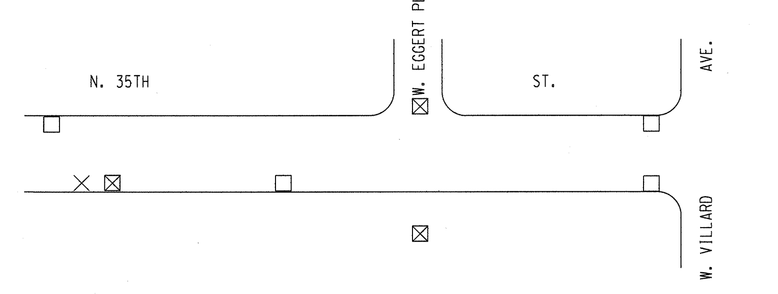
ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
	MOBILIZATION	L.S.						
	FINISHING ROADWAY	L.S.						
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.						
	CONCRETE CURB & GUTTER	L.F.						
X	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5' CONCRETE WALK	S.F.						
	9' CONCRETE DRIVEWAY	S.F.						
X	8' 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.						
	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
X	TRACK ZONE REM	S.Y.						
X	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
X	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. 276
PLAN OF: N. 35TH ST.			
W. CAMERON AVE. TO W. VILLARD AVE.			
THIS SECTION: W. VILLARD AVE. TO 475'± SOUTH OF W. EGGERT PL.			
DRAWN BY	B. MATHENY	DATE: 01/25/13	PROJECT NO. ST211130121 SHEET 2 OF 2
DESCRIPTIONS BY	G. GUERRA	DATE: 04/04/13	
LEVELS BY	D.P. GEHRING	DATE: 04/04/13	SCALE 1"=10' / 1/4 SEC. 193, 207, 192 / ALD.DIST. 1
LEVELS TRANSF. BY	G. GUERRA	DATE: 04/04/13	
DESIGNED BY	D.P. GEHRING	DATE: 03/04/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	G. GUERRA	DATE: 04/04/13	REVISED: 8/20/13 - DUCHOW
CHECKED BY	D. Ulatowski	DATE: 9/11/13	REVISED:
APPROVED BY	[signature]	DATE: 9/16/13	REVISED:
FILE: V:\PWELIB\PAVING\29234.FIN			
PLOT DATE: 06-SEP-2013			

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 1	RESET- 4	ABANDON- 1
PROJECT IN (SEPARATED) AREA		



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	⊠ - CBW	□ - RESET	X - ABANDON		
THIS SHEET 5	1	5	1		NO WORK

TO \ DATE	9/16/13	1/24/14		
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	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 RM506	1		15	
PLAN SIZE			17.5'X123'	

N. 35TH ST. - W. CAMERON AVE. TO W. VILLARD AVE.
W. VILLARD AVE. TO 475'± SOUTH OF W. EGGERT PL.
ST211130121 17.5"X123" 29234 # (2 OF 2)