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.
- GRADE & PLACE 1.5 WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- 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 0.12' MINIMUM COVER AT FLANGES, 0.17' AT BUTT JTS, AND 0.21' MINIMUM ELSEWHERE.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO PASSES WITH A 0.08' CROWN IN CENTER PASS, AND A 0.10' CROWN IN EACH PASS.
- REMOVE ALL ASPHALTIC PATCHES WITHIN LIMITS OF CONSTRUCTION PRIOR TO CRACK & SEAT OPERATION.
- ANY SAWING ALONG THE CURB FLANGE SHALL BE INCLUDED IN THE PRICE BID FOR CURB.

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.						
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	31' VF 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.						
X	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.(1/4" MAX.)	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	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						
X	JT & CRACK REPAIR	C.F.						750

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

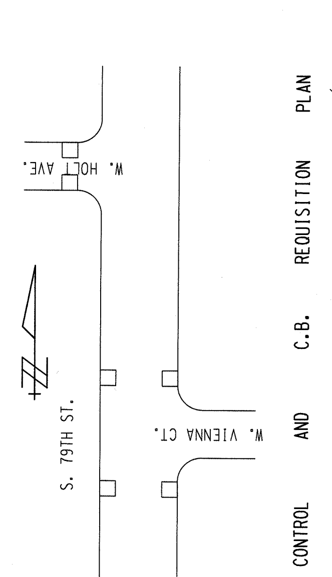
FILE NO. 167 ~~194~~

PLAN OF: S. 79TH ST. 3400 S, 7900 W
W. MORGAN AVE. TO W. OHIO AVE.
THIS SECTION: W. MORGAN AVE. TO W. HOLT AVE.

DRAWN BY	B. MATHENY	DATE: 03/05/14	PROJECT NO. ST211 14 0130
DESCRIPTIONS BY	B. MATHENY	DATE: 03/05/14	SHEET 1 OF 2
LEVELS BY	SCHAAFSMA	DATE: 11/15/13	SCALE 1" = 10' ; 1/4 SEC. 527 ; ALD.DIST. 11
LEVELS TRANSF. BY	D. SEBERN	DATE: 12/15/13	
DESIGNED BY	S. CULL	DATE: 04/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	S. CULL	DATE: 04/25/14	REVISED:
CHECKED BY	D. [illegible]	DATE: 6/5/14	REVISED:
APPROVED BY	[illegible]	DATE: 6/5/14	REVISED:
FILE: V:\PWELIB\PAVING\29327.FIN			
PLOT DATE: 02-JUN-2014			

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 6	ABANDON- 0
PROJECT IN (COMB) (SEPARATED) AREA		

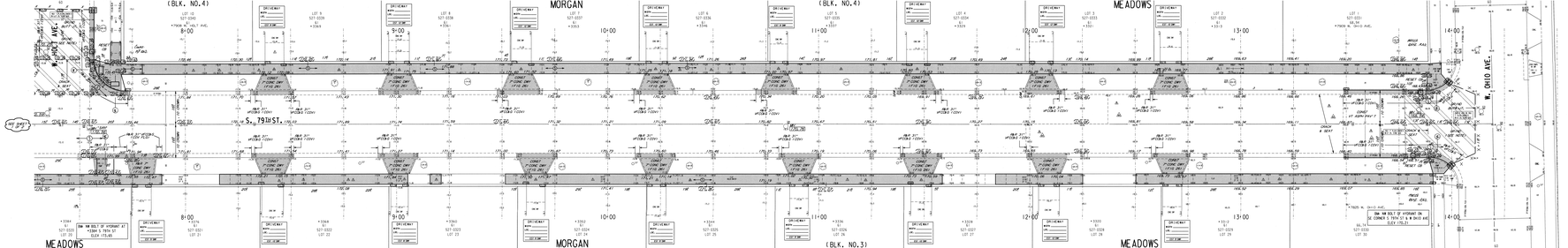


	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	CBW	RESET	ABANDON		NO WORK
THIS SHEET	6	0	6	0		
ENTIRE PROJECT	9	0	8	0		

TO \ DATE		6/6/14	3/6/15					
ESTIMATING	1							
HOLLOW WALKS	1							
PUBLIC HEARING	1							
CONSTRUCTION	1	6						
SEWER	1							
WATER	1							
STREET LIGHTING	1							
BLDG. SEWERS	1							
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.								
WEPCO N/S								
WEPCO S/S	1							
SEWER SERVICES								
UTILITY COOR.	1							
Traffic Eng BM 506	1							
PLAN SIZE	6							
12" X 108"								

S. 79TH ST. - W. MORGAN AVE. TO W. OHIO AVE.
W. MORGAN AVE. TO W. OHIO AVE.

#194 29327 12" X 108" ST211 14 0130 (1 OF 2)


(BLK. NO.4)
MORGAN
(BLK. NO.4)
MEADOWS
W. OHIO AVE.
S. 79TH ST.
8:00
9:00
10:00
11:00
12:00
13:00
14:00
(BLK. NO.3)
MEADOWS
MORGAN
MEADOWS
W. OHIO AVE.
DW NW BOLT OF HYDRANT AT
X=594 5.79N 51
ELEV. 115.65
DW NW BOLT OF HYDRANT ON
TO CONNECT TRFX 13 & W OHIO AVE.
ELEV. (15.2)
PROJ. W. OHIO AVE.
PROJ. BASE ELEV.
PROJ. BASE ELEV.
PROJ. BASE ELEV