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 & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- 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 0.12' MINIMUM COVER AT THE FLANGES AND 0.17' AT THE BUTT JOINTS AND A 0.21' MINIMUM ELSEWHERE.
- REMOVE ASPHALT PATCHES WITHIN LIMITS OF CONSTRUCTION AS DIRECTED BY THE CONSTRUCTION SUPERVISOR.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN." (SANITARY).

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.						
	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	22" 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.						
X	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.)	S.Y.						
X	CRACK & SEATING	S.Y.						
X	CONCRETE JOINT & CRACK REPAIR	L.F.						610
	CRUSHED STONE BASE							
X	3" CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	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 TYPE II	V.F.						
X	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

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

FILE NO. 455

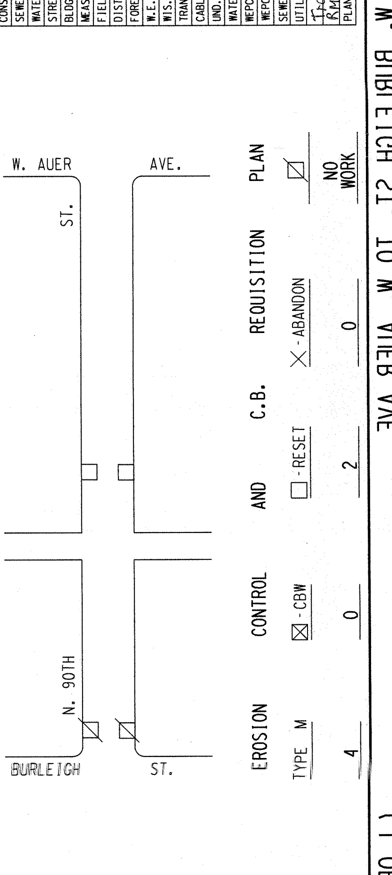
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: N. 90TH ST.

THIS SECTION: W. BURLEIGH ST. TO W. AUER AVE.

DRAWN BY	D. BEKELE	DATE: 6/16/14	PROJECT NO. ST211140141	SHEET 1 OF 1
DESCRIPTIONS BY	D. BEKELE	DATE: 6/16/14	SCALE 1" = 10'	1/4 SEC. 293 / ALD. DIST. 5
LEVELS BY	L. BEKELE	DATE: 4/28/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
LEVELS TRANSF. BY	M. SHIBILSKI	DATE: 4/28/14	REVISED:	
DESIGNED BY	M. SCHULZ	DATE: 9/12/14	REVISED:	
GRADES TRANSF. BY	W. SNYDER	DATE: 9/30/14	REVISED:	
CHECKED BY	D. [signature]	DATE: 11/26/14		
APPROVED BY	[signature]	DATE: 11/26/14		
FILE: V:\PWELIB\PAVING\29353.FIN				
PLOT DATE: 21-NOV-2014				

DATE / TO	12/01/14	1/22/15
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING		
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS		
MEASURING		1
FIELD		
DISTRICT FILE		2
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.		
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S		
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng RM 506	1	6
PLAN SIZE	12" X 96"	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	□ - RESET	X - ABANDON		☒ NO WORK
4	0	2	0		

N. 90TH ST. - W. BURLEIGH ST. TO W. AUER AVE. ST211140141 12" X 96" 29353 # (1 OF 1)