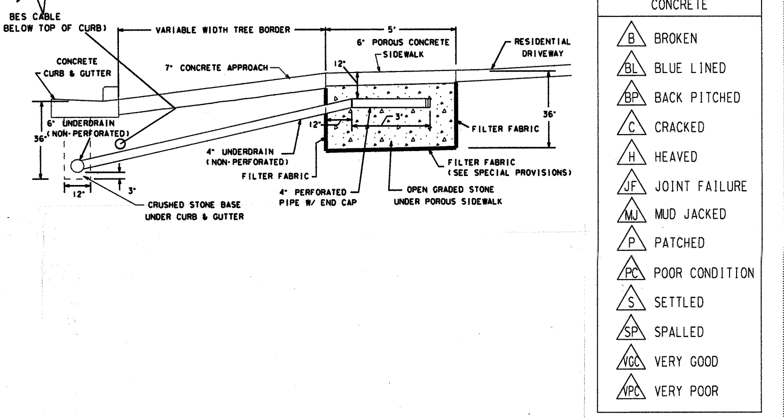
NOTES :

- (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 & SOD ENTIRE AREA BETWEEN CURB AND CONCRETE WALK
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONCSTRUCTION
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN (SANITARY)
- IN AREAS OF GRINDING, GRIND THE ROADWAY AS NECESSARY TO ACHIEVE .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS AND .21' MINIMUM ELSEWHERE.
- (hatched box) - INDICATES 6" POROUS CONCRETE WALK PANEL LOCATION.
- SEE UTILITY PLAN FOR LIMITS OF 6" UNDERDRAIN.

6" POROUS CONCRETE SIDEWALK



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.						
	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.						
	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	6" CONCRETE WALK - POROUS	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
X	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	V.T. CONCRETE BASE	C.Y.						
X	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
X	OPEN GRADED STONE	S.Y.						
X	4" 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						
X	4" UNDERDRAIN	L.F.						
X	6" UNDERDRAIN	L.F.						

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

FILE NO. 604

PLAN OF: N. 39TH ST. (3300N, 3900W)

W. CONCORDIA AVE. TO W. KEEFE AVE.

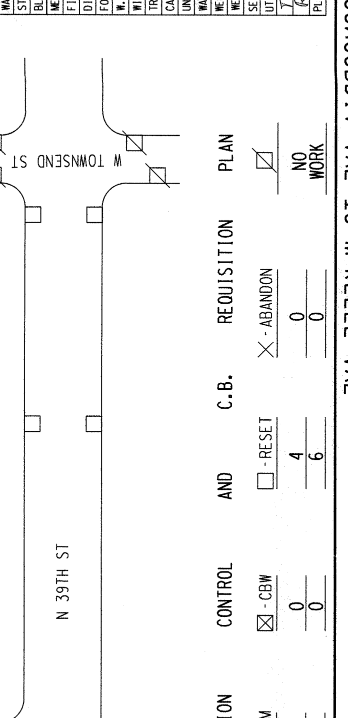
THIS SECTION: W. CONCORDIA AVE TO W. TOWNSEND ST.

DRAWN BY		DATE:	PROJECT NO. ST211 14 0135 · SHEET 1 OF 2
DESCRIPTIONS BY		DATE:	SCALE 1"=10' · 1/4 SEC. 287 · ALD.DIST. 7
LEVELS BY	SILESHI	DATE: 06/06/13	
LEVELS TRANSF. BY	S. CULL	DATE: 06/21/13	
DESIGNED BY	S. CULL	DATE: 03/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	S. CULL	DATE: 03/25/14	REVISED:
CHECKED BY	D. Ulhofsk	DATE: 5/8/14	REVISED:
APPROVED BY	[signature]	DATE: 5/8/14	REVISED:
FILE: V:\PWELIB\PAVING\29349.FIN			
PLOT DATE: 06-MAY-2014			

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 4	ABANDON- 0
PROJECT IN SEPARATED AREA		

DATE / TO	5/28/14	7/30/14	
ESTIMATING	1		
HOLLOW WALKS	1		
PUBLIC HEARING	1		
CONSTRUCTION	1	6	
SEWER	1		
WATER	1		
STREET LIGHTING	1		
BLDG. SEWERS	1		
MEASURING		1	
FIELD			
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			
WEPCO S/S			
SEWER SERVICES			
UTILITY COOR.	1		
Traffic Eng RM 506	1		
PLAN SIZE	6		12"X108"



	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	CBW		RESET	ABANDON	NO WORK
THIS SHEET	2	0		4	0	
PROJECT TOTAL	4	0		6	0	

N 39TH ST - W CONCORDIA AVE TO W KEEFE AVE

(1 OF 2) #604 29349 12"X108" ST 211 14 0135 W CONCORDIA AVE TO W TOWNSEND ST

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
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. 605

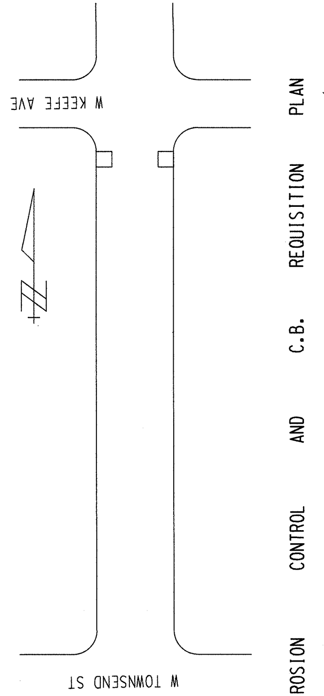
PLAN OF: N. 39TH ST. (3400N, 3900W)
W. CONCORDIA AVE. TO W. KEEFE AVE.
THIS SECTION: W. TOWNSEND ST. TO W. KEEFE AVE.

DRAWN BY		DATE:	PROJECT NO. ST211 14 0135	SHEET 2 OF 2
DESCRIPTIONS BY		DATE:		
LEVELS BY	SILESHI	DATE: 06/06/13	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY	S. CULL	DATE: 06/21/13	287	7
DESIGNED BY	S. CULL	DATE: 03/25/14	SCALE 1"=10'	
GRADES TRANSF. BY	S. CULL	DATE: 03/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
CHECKED BY	[illegible]	DATE: 5/8/14	REVISED:	
APPROVED BY	[illegible]	DATE: 5/8/14	REVISED:	
FILE: V:\PWELIB\PAVING\29349.FIN			REVISED:	
PLOT DATE: 06-MAY-2014				

THIS SHEET

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

TO \ DATE	5/28/14	7/30/14
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS	1	
MEASURING		1
FIELD		
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 RM 506	1	6
PLAN SIZE	12" X 99"	



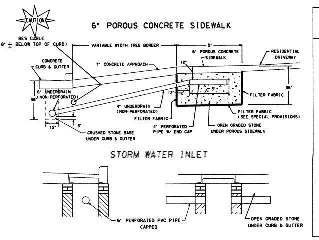
THIS SHEET

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

N 39TH ST - W CONCORDIA AVE TO W KEEFE AVE
W TOWNSEND ST TO W KEEFE AVE
ST211 14 0135 12"X99"
(2 OF 2) #605 29349

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 & SOD ENTIRE AREA BETWEEN CURB AND CONCRETE WALK
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONCSTRUCTION
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN (SANITARY)
- IN AREAS OF GRINDING, GRIND THE ROADWAY AS NECESSARY TO ACHIEVE .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS AND .21' MINIMUM ELSEWHERE.
- INDICATES 6" POROUS CONCRETE WALK PANEL LOCATION.
- SEE UTILITY PLAN FOR LIMITS OF 6" UNDERDRAIN.



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.
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.						
6" CONCRETE WALK - POROUS	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.						
OPEN GRADED STONE	S.Y.						
4" 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						
4" UNDERDRAIN	L.F.						
6" UNDERDRAIN	L.F.						

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

FILE NO. 604

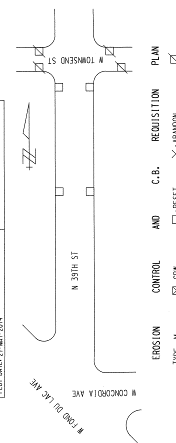
PLAN OF: N. 39TH ST. (3300N, 3900W)
W. CONCORDIA AVE. TO W. KEEFE AVE.
THIS SECTION: W. CONCORDIA AVE TO W. TOWNSEND ST.

DRAWN BY		DATE:	PROJECT NO. ST211 14 0135
DESCRIPTIONS BY		DATE:	SHEET 1 OF 2
LEVELS BY	SILESHI	DATE: 06/06/13	SCALE 1"=10' / 1/4 SEC. 287 / ALD. DIST. 7
LEVELS TRANSF. BY	S. CULL	DATE: 06/21/13	
DESIGNED BY	S. CULL	DATE: 03/25/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	S. CULL	DATE: 03/25/14	REVISED:
CHECKED BY		DATE:	REVISED:
APPROVED BY		DATE:	REVISED:

FILE: V:\PWELIB\PAVING\29349_UTILITY.FIN
PLOT DATE: 27-MAY-2014

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

DATE / TO	7/30/14
ESTIMATING	
HOLLOW WALKS	
PUBLIC HEARING	
CONSTRUCTION	6
SEWER	
WATER	
STREET LIGHTING	
BLDG. SEWERS	
MEASURING	1
FIELD	
DISTRICT FILE	
FORESTRY	
W.E. / G.O.	
WIS. GAS CO.	
TRANSIT SYSTEM	
CABLE TV	
UND. GRD. COND.	
WATER DIST.	
WEPCO N/S	
WEPCO S/S	
SEWER SERVICES	
UTILITY COOR.	RM 506 / 6
PLAN SIZE	12" X 108"



	EROSION CONTROL	AND C.B.		REQUISITION PLAN	
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK
THIS SHEET	2	0	4	0	
PROJECT TOTAL	4	0	6	0	

N. 39TH ST - W CONCORDIA AVE TO W KEEFE AVE
UTILITY PLAN
ST211 14 0135 12"X108" 29349 #604 (1 OF 1)