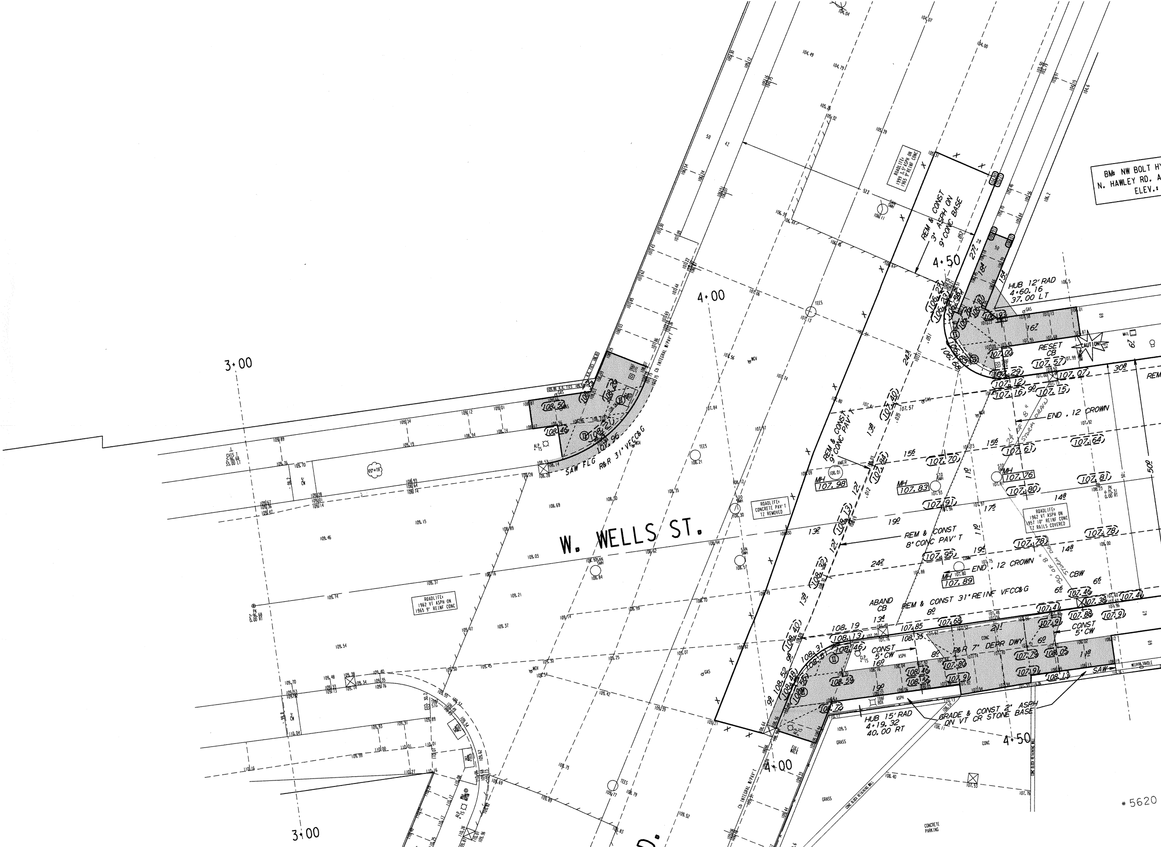
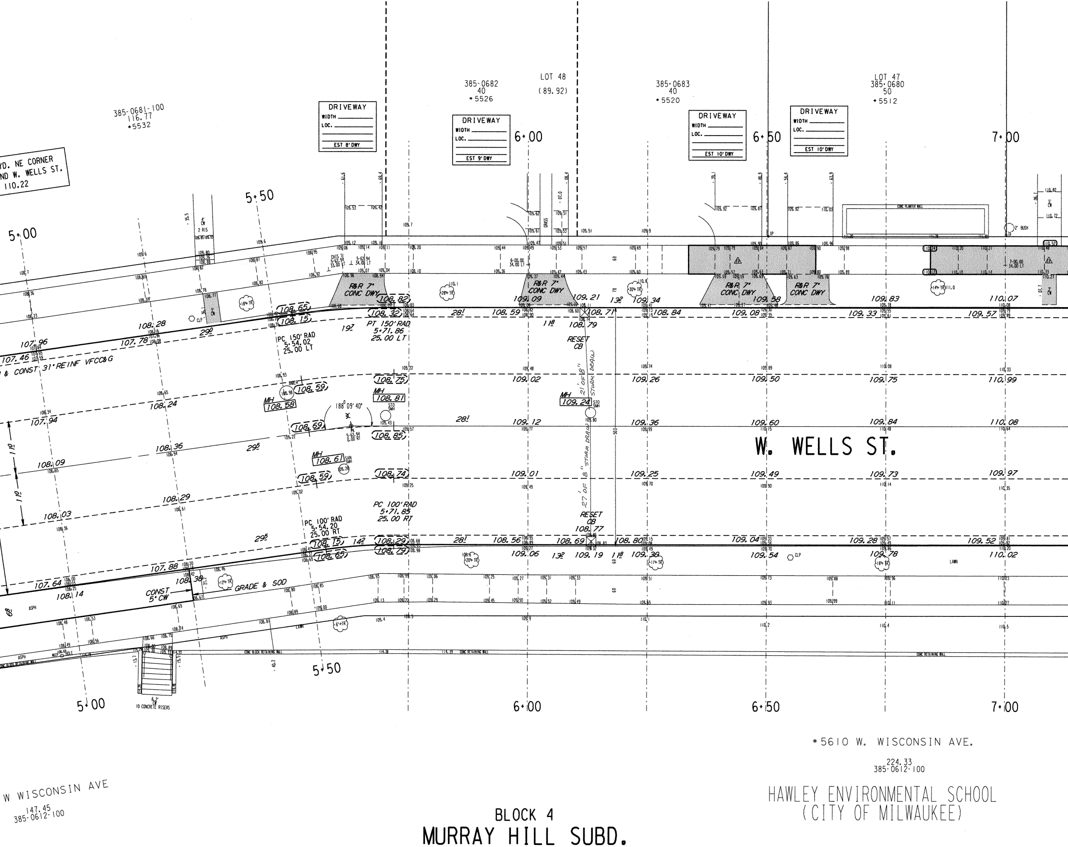
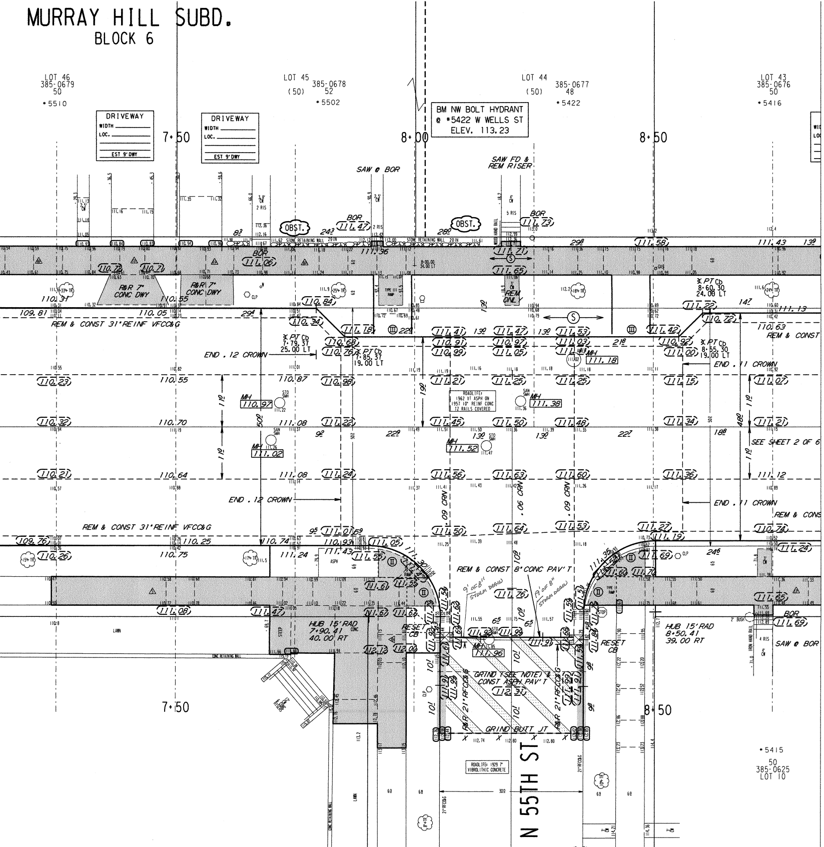


BM: NW BOLT HY
N. HAWLEY RD. A
ELEV.:
W. WELLS ST.
3+00
4+00
4+50
REM & CONST 3" ASPH ON 9" CONC BASE
ROADLIFE: 1999 3.5" ASPH ON 1965 9" REINF CONC
HUB 12' RAD 4+60.16 37.00 LT
RESET CB
CAUTION!
END .12 CROWN
REM & CONST 9" CONC PAV'T
REM & CONST 8" CONC PAV'T
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONC TZ RAILS COVERED
ROADLIFE: CONCRETE PAV'T TZ REMOVED
ROADLIFE: 1962 VT ASPH ON 1965 9" REINF CONC
24' OF 8" STORM DRAIN
MH 107.98
MH 107.83
MH 107.76
MH 107.89
ABAND CB
CBW
REM & CONST 31" REINF VFCC&G
R&R 31" VFCC&G
SAW FLG
CONST 5' CW
R&R 7" DEPR DWY
GRADE & CONST 2" ASPH ON VT CR STONE BASE
HUB 15' RAD 4+19.32 40.00 RT
SAW
GRASS
CONC
CONCRETE PARKING
CHIS T 2+96.68 33.00 LT
PK 2+96.68 0.00 RT
PK 4+75.31 0.00 RT
TEES
GAS
MAIL
#5620



385-0681-100
116.77
*5532
YD. NE CORNER
ND W. WELLS ST.
110.22
385-0682
40
*5526
LOT 48
(89.92)
385-0683
40
*5520
LOT 47
385-0680
50
*5512
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
EST 9' DWY
EST 10' DWY
5+00
5+50
6+00
6+50
7+00
R&R 7" CONC DWY
CHIS 1
5+62.94
33.00 LT
5+62.94
34.00 LT
6+00.00
34.00 LT
7+00.00
34.00 LT
PC 150' RAD
5+54.02
25.00 LT
PT 150' RAD
5+71.86
25.00 LT
& CONST 31" REINF VFCC&G
RESET CB
21' OF 8" STORM DRAIN
27' OF 8" STORM DRAIN
MH
108.58
108.81
109.24
108.61
STO SMH
SAN SMH
188° 09' 40"
5+62.94
0.00 RT
W. WELLS ST.
PC 100' RAD
5+54.20
25.00 RT
PC 100' RAD
5+71.85
25.00 RT
CONST 5' CW
GRADE & SOD
CONC BLOCK RETAINING WALL
CONC RETAINING WALL
CONC PLANTER WALL
10 CONCRETE RISERS
2' BUSH
LAWN
ASPH
GRASS
CLP
*5610 W. WISCONSIN AVE.
224.33
385-0612-100
HAWLEY ENVIRONMENTAL SCHOOL
(CITY OF MILWAUKEE)
W WISCONSIN AVE
147.45
385-0612-100
BLOCK 4
MURRAY HILL SUBD.


MURRAY HILL SUBD.
BLOCK 6
LOT 46
385-0679
50
•5510
LOT 45
385-0678
(50) 52
•5502
LOT 44
385-0677
(50) 48
•5422
LOT 43
385-0676
50
•5416
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
BM NW BOLT HYDRANT
@ •5422 W WELLS ST
ELEV. 113.23
7+50
8+00
8+50
SAW @ BOR
SAW FD & REM RISER
OBST.
BOR
R&R 7" CONC DWY
REM & CONST 31" REINF VFCC&G
END .12 CROWN
END .11 CROWN
PT Cb 7+79.37 25.00 LT
PT Cb 7+85.37 19.00 LT
PT Cb 8+60.30 24.00 LT
PT Cb 8+55.30 19.00 LT
MH
STO SWH
SAN SWH
ROADLIFE• 1962 VT ASPH ON 1957 10" REINF CONC TZ RAILS COVERED
REM ONLY
SEE SHEET 2 OF 6
.09 CRN
.06 CRN
REM & CONST 8" CONC PAV'T
9' OF 8" STORM DRAIN
19' OF 8" STORM DRAIN
HUB 15' RAD 7+90.41 40.00 RT
HUB 15' RAD 8+50.41 39.00 RT
RESET CB
GRIND (SEE NOTE) & CONST ASPH PAV'T
R&R 21" RFCC&G
GRIND BUTT JT
ROADLIFE• 1929 7" VIBROLITHIC CONCRETE
N 55TH ST
REM & CONST
•5415
50
385-0625
LOT 10

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 AND SOD ENTIRE AREA BETWEEN WALK AND CURB.
- GRADE AND 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.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN (SANITARY).
- IN AREAS OF GRINDING, GRIND TO ACHIEVE .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS AND .21' MINIMUM ELSEWHERE.
-

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.						
☒	8" CONCRETE PAVEMENT							
☒	9" 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						

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

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

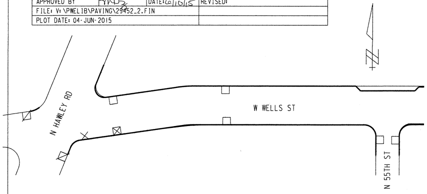
FILE NO. 597

PLAN OF: W WELLS ST 800N, 5500-5600W
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)
THIS SECTION: N 55TH ST TO N HAWLEY RD

DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO. ST211 15 0103		SHEET 1 OF 6
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15			
LEVELS BY	KLINIEWICZ	DATE: 08/04/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	T. JOHNSON	DATE: 11/08/14	1" = 10'	385	10
DESIGNED BY	S. CULL	DATE: 03/23/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 03/23/15	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 6/9/15	REVISED:		
APPROVED BY	MDZ	DATE: 6/10/15	REVISED:		
FILE: V:\PWELIB\PAVING\29452_2.FIN					
PLOT DATE: 04-JUN-2015					

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W. - 21	RESET - 14	ABANDON - 23
PROJECT IN (~~COMB~~) (SEPARATED) AREA		


N HAWLEY RD
W WELLS ST
N 55TH ST

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	☒
THIS SHEET	8	1	5	1	NO WORK
PROJECT TOTAL	47	21	14	23	

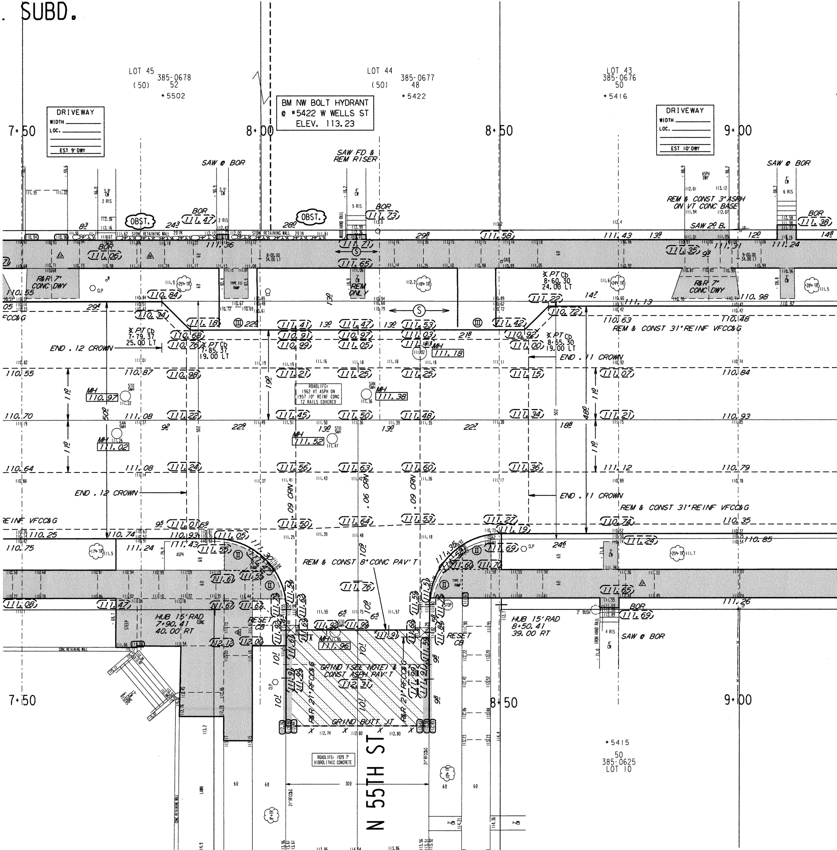
TO \ DATE	6-11-15	7-25-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG.	1				
Rm 506		6			
PLAN SIZE	18" X 96"				

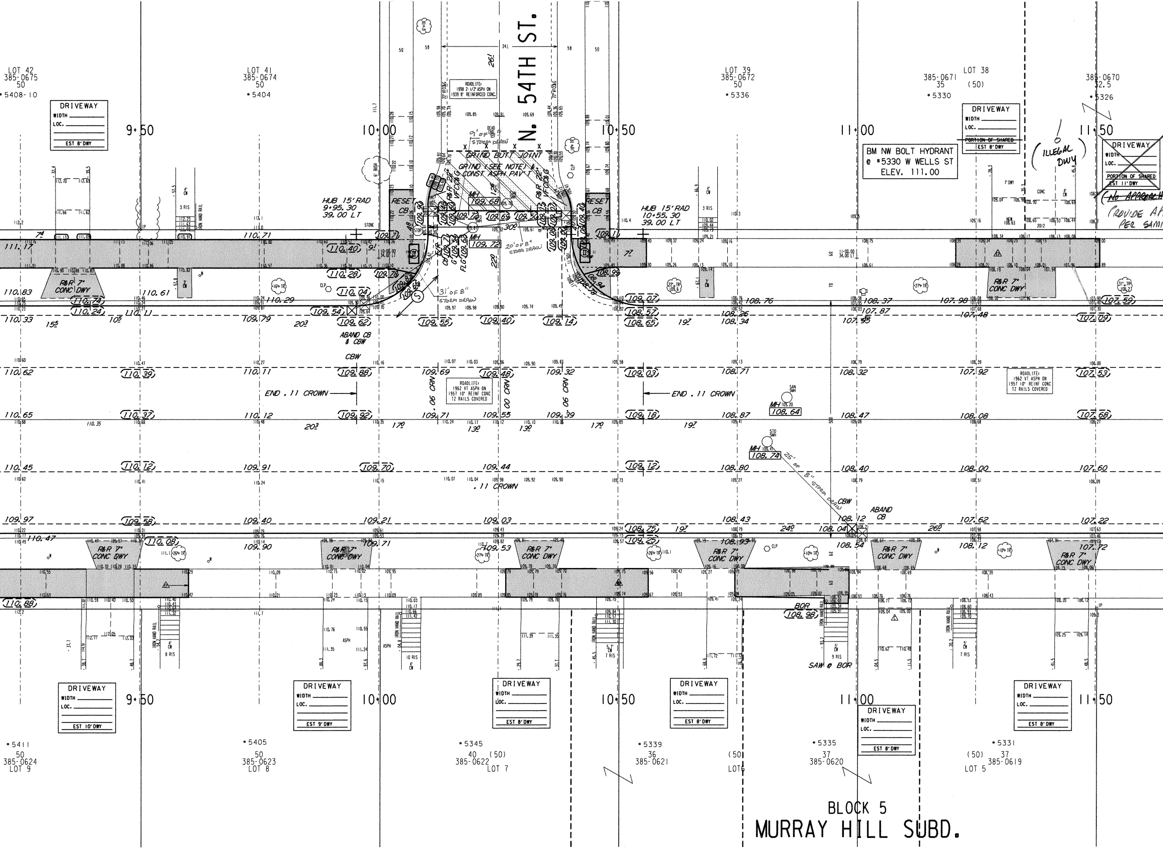
N 55TH ST TO N HAWLEY RD

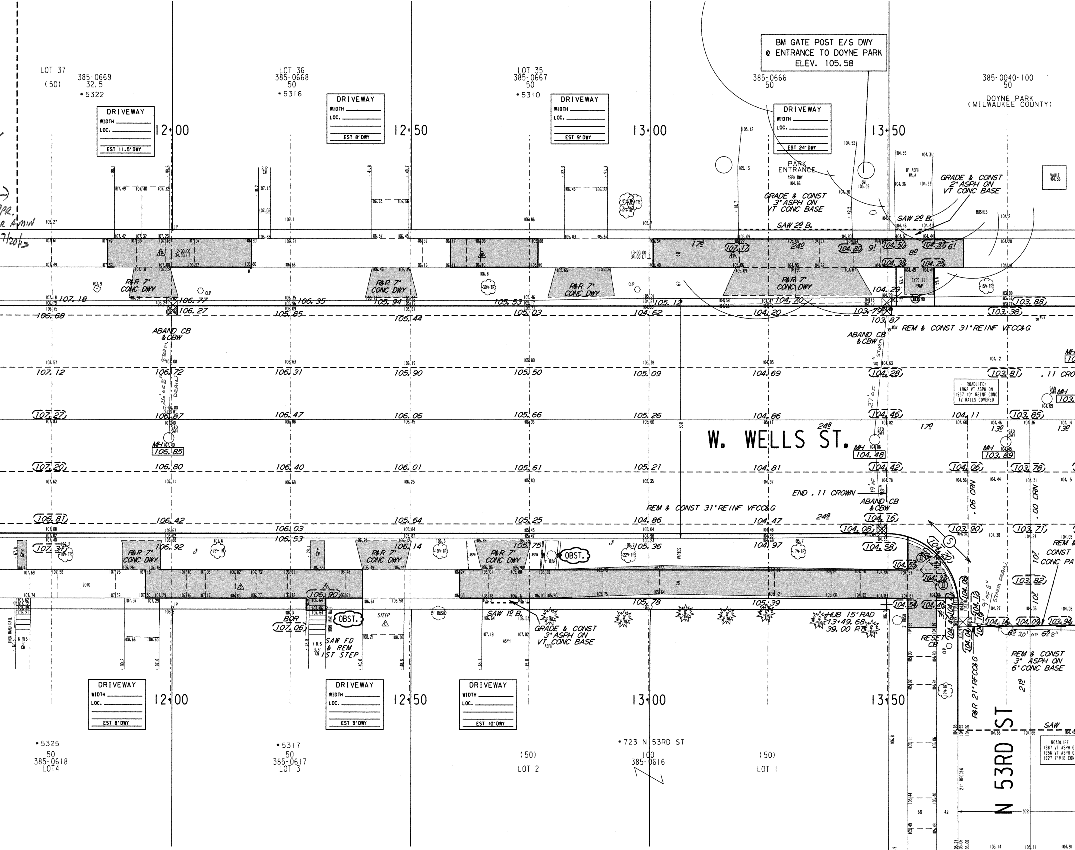
W WELLS ST - N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE) (1 OF 6)

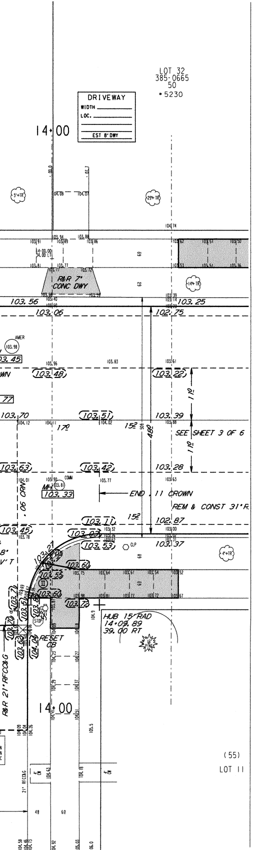
ST 211 15 0103 18" X 96" 29452 #597

SEE SHEET 1 OF 6


SUBD.
LOT 45
(50)
385-0678
52
*5502
LOT 44
(50)
385-0677
48
*5422
LOT 43
385-0676
50
*5416
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
BM NW BOLT HYDRANT
@ *5422 W WELLS ST
ELEV. 113.23
7+50
8+00
8+50
9+00
SAW @ BOR
SAW FD &
REM RISER
SAW @ BOR
REM & CONST 3" ASPH
ON VT CONC BASE
SAW 2' B.
OBST.
OBST.
STONE RETAINING WALL
R&R 7" CONC DWY
R&R 7" CONC DWY
REM ONLY
PT Cb 7+79.37 25.00 LT
PT Cb 7+85.37 19.00 LT
PT Cb 8+60.30 24.00 LT
PT Cb 8+55.30 19.00 LT
END .12 CROWN
END .12 CROWN
END .11 CROWN
END .11 CROWN
REM & CONST 31" REINF VFCC&G
REM & CONST 31" REINF VFCC&G
REINF VFCC&G
VFCC&G
MH 110.97
MH 111.02
MH 111.52
MH 111.38
MH 111.18
MH 111.96
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONC TZ RAILS COVERED
.09 CRN
.06 CRN
.09 CRN
REM & CONST 8" CONC PAV'T
HUB 15' RAD 7+90.41 40.00 RT
HUB 15' RAD 8+50.41 39.00 RT
RESET CB
RESET CB
GRIND (SEE NOTE) & CONST ASPH PAV'T
R&R 21" RFCC&G
R&R 21" RFCC&G
GRIND BUTT JT
SAW @ BOR
IRON HAND RAIL
CONC RETAINING WALL
ROADLIFE: 1929 7" VIBROLITHIC CONCRETE
N 55TH ST
*5415
50
385-0625
LOT 10
7+50
8+50
9+00


LOT 42
385-0675
50
5408-10
LOT 41
385-0674
50
5404
LOT 39
385-0672
50
5336
385-0671
35
LOT 38
(50)
5330
385-0670
32.5
5326
N. 54TH ST.
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
PORTION OF SHARED
EST 11' DWY
9+50
10+00
10+50
11+00
11+50
BM NW BOLT HYDRANT
@ #5330 W WELLS ST
ELEV. 111.00
(ILLEGAL DWY)
(No APPROACH
PROVIDE AP
PER SAM
ROADLIFE: 1998 2-1/2" ASPH ON 1939 8" REINFORCED CONC.
9' OF 8" STORM DRAIN
GRIND BUTT JOINT
GRIND (SEE NOTE) & CONST ASPH PAV'T
RESET CB
HUB 15' RAD
9+95.30
39.00 LT
HUB 15' RAD
10+55.30
39.00 LT
MH 109.68
MH 109.72
20' OF 8" STORM DRAIN
31' OF 8" STORM DRAIN
R&R 22' VFC&G
R&R 7" CONC DWY
ABAND CB & CBW
CBW
END .11 CROWN
.06 CRN
.00 CRN
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONC TZ RAILS COVERED
.11 CROWN
MH 108.64
MH 108.74
25' OF 8" STORM DRAIN
CBW
ABAND CB
BOR 108.98
SAW @ BOR
IRON HAND RAIL
8 RIS
10 RIS
7 RIS
9 RIS
3 RIS
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
EST 9' DWY
EST 8' DWY
5411
50
385-0624
LOT 9
5405
50
385-0623
LOT 8
5345
40 (50)
385-0622
LOT 7
5339
36
385-0621
(50)
LOT 6
5335
37
385-0620
5331
(50) 37
385-0619
LOT 5
BLOCK 5
MURRAY HILL SUBD.


BM GATE POST E/S DWY
@ ENTRANCE TO DOYNE PARK
ELEV. 105.58
LOT 37
(50)
385-0669
32.5
• 5322
LOT 36
385-0668
50
• 5316
LOT 35
385-0667
50
• 5310
385-0666
50
385-0040-100
50
DOYNE PARK
(MILWAUKEE COUNTY)
DRIVEWAY
WIDTH
LOC.
EST 11.5' DWY
EST 8' DWY
EST 9' DWY
EST 24' DWY
12+00
12+50
13+00
13+50
PARK
ENTRANCE
ASPH DWY
GRADE & CONST
3" ASPH ON
VT CONC BASE
GRADE & CONST
2" ASPH ON
VT CONC BASE
SAW 2º B.
8' ASPH WALK
BUSHES
VAULT
R&R 7" CONC DWY
TYPE III RAMP
106.77
106.27
106.35
105.85
105.94
105.44
105.53
105.03
105.12
104.62
104.70
104.20
103.79
103.87
103.88
103.38
107.18
106.68
ABAND CB & CBW
REM & CONST 31" REINF VFCC&G
107.12
106.72
106.31
105.90
105.50
105.09
104.69
104.28
103.81
.11 CRO
ROADLIFE:
1962 VT ASPH ON
1957 10" REINF CONC
TZ RAILS COVERED
107.27
106.87
106.47
106.06
105.66
105.26
104.86
104.46
104.11
103.85
MH
106.85
MH
104.48
MH
103.89
W. WELLS ST.
24º
17º
13º
107.20
106.80
106.40
106.01
105.61
105.21
104.81
104.42
104.06
103.78
END .11 CROWN
.06 CRN
.00 CRN
REM & CONST 31" REINF VFCC&G
106.81
106.42
106.03
106.53
105.64
105.25
104.86
104.47
104.16
104.08
103.90
103.71
107.31
106.92
106.14
105.75
105.36
104.97
104.58
104.55
104.37
103.82
OBST.
106.90
107.06
BOR
105.78
105.39
104.54
104.46
104.14
104.09
103.92
SAW FD
& REM
1ST STEP
7 RIS
STEEP
IRON HAND RAIL
6 RIS
SAW 1º B.
GRADE & CONST
3" ASPH ON
VT CONC BASE
HUB 15' RAD
13+49.68
39.00 RT
RESET CB
R&R 21" RFCC&G
REM & CONST
3" ASPH ON
6" CONC BASE
REM & CONST
10" CONC PA
21º
N 53RD ST
SAW
ROADLIFE
1987 VT ASPH O
1956 VT ASPH O
1927 7" VIB CON
EST 8' DWY
EST 9' DWY
EST 10' DWY
• 5325
50
385-0618
LOT 4
• 5317
50
385-0617
LOT 3
(50)
LOT 2
• 723 N 53RD ST
100
385-0616
(50)
LOT 1
6.5 20' OF 6.8"
9' OF 8" STORM DRAIN
27' OF 8" STORM
26' OF 8" STORM DRAIN
PR.
R A MIN
7/20/15


LOT 32
385-0665
50
• 5230
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
14+00
R&R 7' CONC DWY
103.56
103.06
103.25
102.75
103.45
103.48
103.22
103.70
103.51
103.39
17º
15º
48º
SEE SHEET 3 OF 6
17º
103.63
103.42
103.28
.06 CRN
MH
103.33
END .11 CROWN
REM & CONST 31' R
103.45
103.11
102.87
103.03
103.53
103.37
CLP
103.60
103.55
103.60
103.72
HUB 15' RAD
14+09.89
39.00 RT
RESET CB
STOP
R&R 21' RFCC&G
14+00
(55)
LOT 11

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.*

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

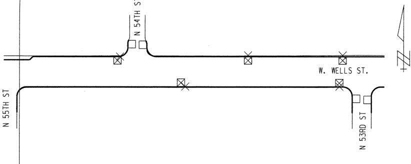
ESTIMATE / CERTIFICATE QUANTITIES

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. 598
PLAN OF: W WELLS ST 800N, 5300-5400W					
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)					
THIS SECTION: N 53RD ST TO N 55TH ST					
DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO.		
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15	ST211 15 0103		SHEET 2 OF 6
LEVELS BY	KLINIEWICZ	DATE: 08/04/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	T. JOHNSON	DATE: 11/08/14	1" = 10'	385	10
DESIGNED BY	S. CULL	DATE: 03/23/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 03/23/15	REVISED:		
CHECKED BY	D. Ulatoski	DATE: 6/9/15	REVISED:		
APPROVED BY		DATE: 6/10/15	REVISED:		
FILE: V:\PWELIB\PAVING\29452_2.FIN					
PLOT DATE: 04-JUN-2015					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 5	RESET- 4	ABANDON- 5
PROJECT IN (COMB) (SEPARATED) AREA		


N 54TH ST
W. WELLS ST.
N 55TH ST
N 53RD ST

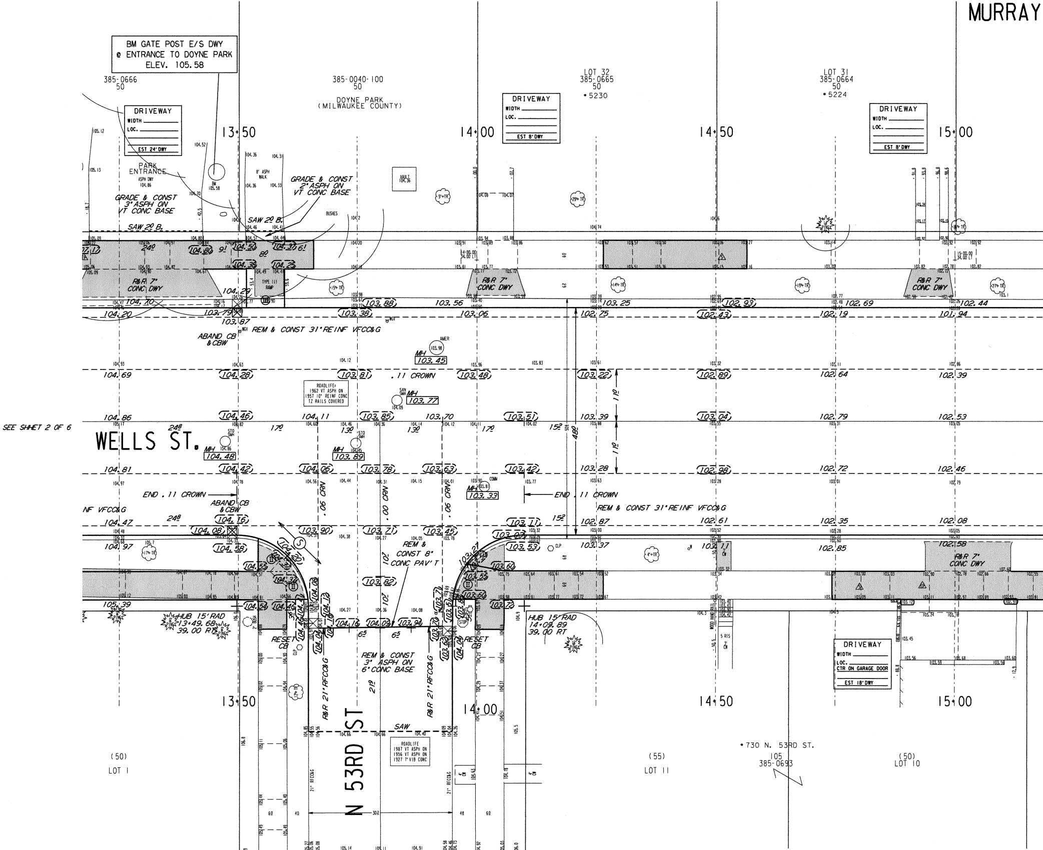
TO \ DATE	6-11-15	7-29-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG	1				
Rm 506		6			
PLAN SIZE	18' X 108'				

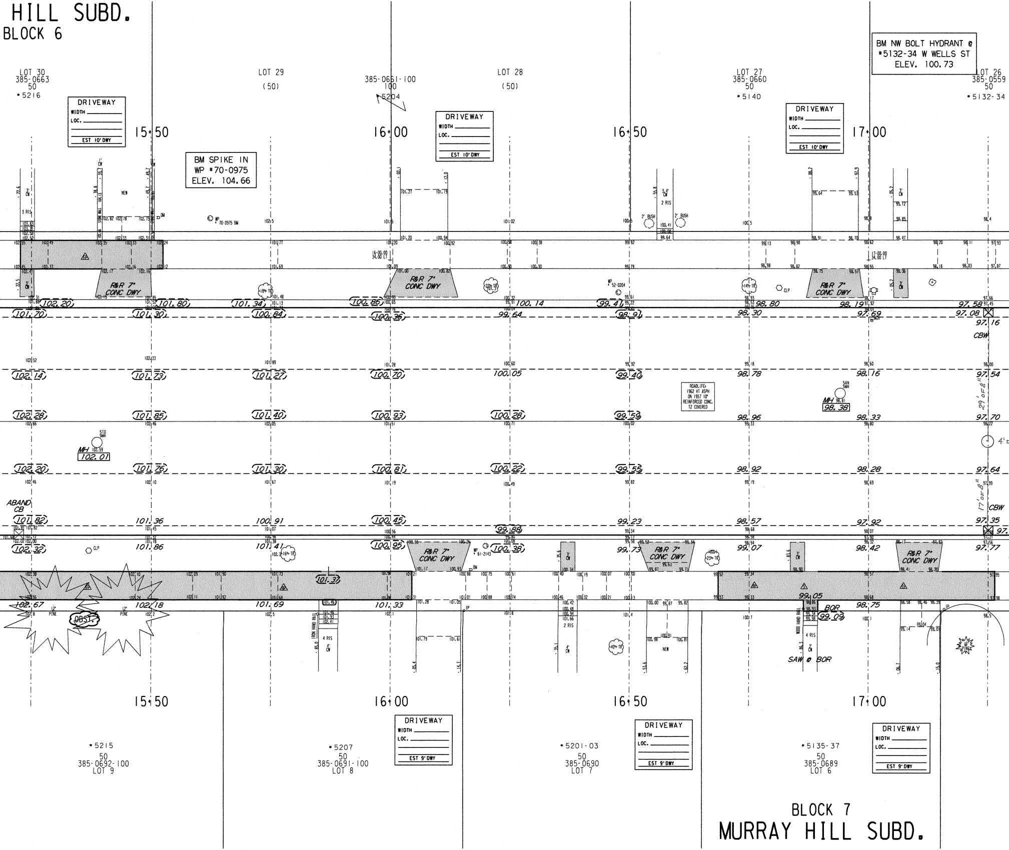
EROSION CONTROL AND C.B. REQUISITION PLAN

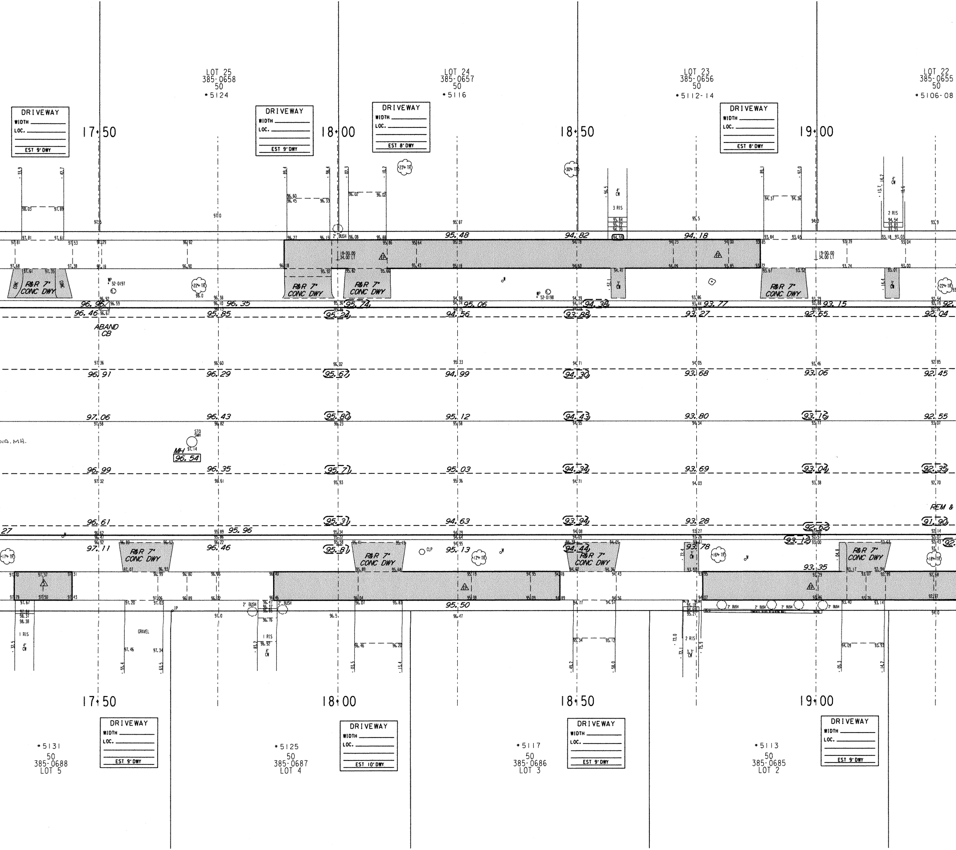
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	∅ NO WORK
THIS SHEET	9	5	4	5	

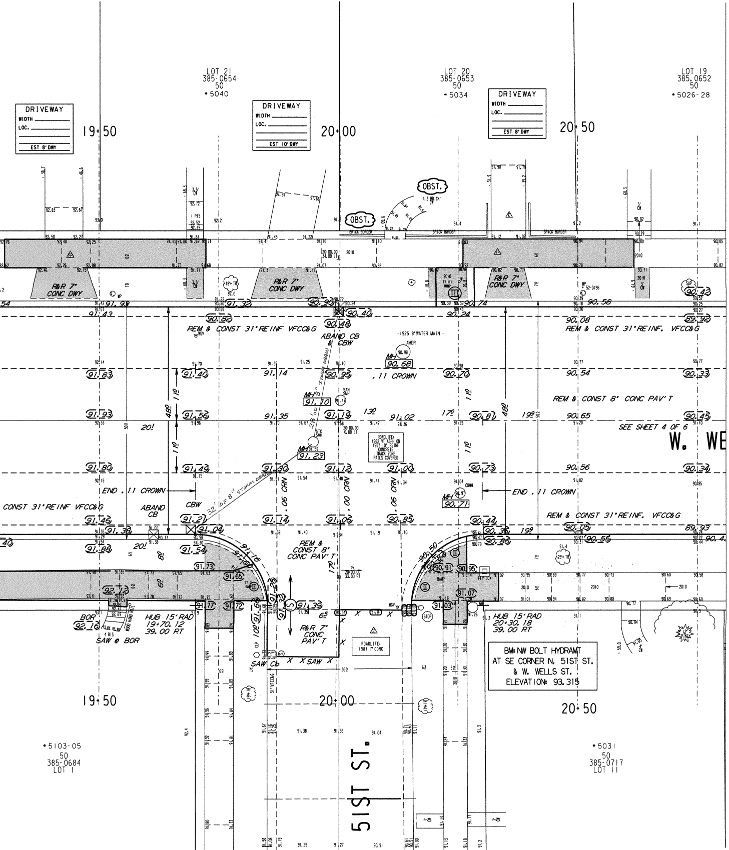
W WELLS ST - N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE) (2 OF 6)

N 53RD ST TO N 55TH ST ST 211 15 0103 18"X108" 29452 #598


MURRAY
BM GATE POST E/S DWY
@ ENTRANCE TO DOYNE PARK
ELEV. 105.58
385-0666
50
385-0040-100
50
DOYNE PARK
(MILWAUKEE COUNTY)
LOT 32
385-0665
50
•5230
LOT 31
385-0664
50
•5224
DRIVEWAY
WIDTH
LOC.
EST 24' DWY
EST 8' DWY
EST 8' DWY
13+50
14+00
14+50
15+00
PARK ENTRANCE
GRADE & CONST 3" ASPH ON VT CONC BASE
GRADE & CONST 2" ASPH ON VT CONC BASE
SAW 2º B.
R&R 7" CONC DWY
TYPE III RAMP
REM & CONST 31" REINF VFCC&G
ABAND CB & CBW
MH 103.45
.11 CROWN
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONC TZ RAILS COVERED
MH 103.77
SEE SHEET 2 OF 6
WELLS ST.
MH 104.48
MH 103.89
MH 103.33
.06 CRN
.00 CRN
.06 CRN
END .11 CROWN
NF VFCC&G
REM & CONST 8" CONC PAV'T
HUB 15' RAD 13+49.68 39.00 RT
HUB 15' RAD 14+09.89 39.00 RT
RESET CB
R&R 21" RFCC&G
REM & CONST 3" ASPH ON 6" CONC BASE
N 53RD ST
SAW
ROADLIFE 1987 VT ASPH ON 1956 VT ASPH ON 1927 7" VIB CONC
DRIVEWAY
WIDTH
LOC. CTR ON GARAGE DOOR
EST 18' DWY
13+50
14+00
14+50
15+00
(50) LOT 1
(55) LOT 11
•730 N. 53RD ST.
105
385-0693
(50) LOT 10
21" RFCC&G
30'
48'
11'
15'
24'
17'
13'
6'


HILL SUBD.
BLOCK 6
LOT 30
385-0663
50
*5216
LOT 29
(50)
385-0661-100
100
5204
LOT 28
(50)
LOT 27
385-0660
50
*5140
OT 26
385-0559
50
*5132-34
BM NW BOLT HYDRANT @ *5132-34 W WELLS ST ELEV. 100.73
BM SPIKE IN WP *70-0975 ELEV. 104.66
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
EST 9' DWY
15+50
16+00
16+50
17+00
R&R 7" CONC DWY
ROADLIFE: 1962 VT ASPH ON 1957 10" REINFORCED CONC. TZ COVERED
MH 102.01
MH 98.38
ABAND CB
CBW
29' OF 8"
17' OF 8"
OBST.
12" PINE
IRON HAND RAIL
WOOD HAND RAIL
4 RIS
3 RIS
2 RIS
NEW
SAW @ BOR
BOR
CLP
*5215
50
385-0692-100
LOT 9
*5207
50
385-0691-100
LOT 8
*5201-03
50
385-0690
LOT 7
*5135-37
50
385-0689
LOT 6
BLOCK 7
MURRAY HILL SUBD.


LOT 25
385-0658
50
•5124
LOT 24
385-0657
50
•5116
LOT 23
385-0656
50
•5112-14
LOT 22
385-0655
50
•5106-08
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
EST 8' DWY
17+50
18+00
18+50
19+00
R&R 7" CONC DWY
ABAND CB
MH 96.54
STO SMH
REM &
96.96
96.35
95.74
95.06
94.38
93.77
93.15
96.46
95.85
95.24
94.56
93.88
93.27
92.65
92.04
96.91
96.29
95.67
94.99
94.30
93.68
93.06
92.45
97.06
96.43
95.80
95.12
94.43
93.80
93.16
92.55
96.99
96.35
95.71
95.03
94.34
93.69
93.04
92.35
96.61
95.96
95.31
94.63
93.94
93.28
92.62
91.90
93.12
97.11
96.46
95.81
95.13
94.44
93.78
93.35
95.50
95.48
94.82
94.18
2' BUSH
GRAVEL
1 RIS
2 RIS
3 RIS
4" CW
•5131
50
385-0688
LOT 5
•5125
50
385-0687
LOT 4
•5117
50
385-0686
LOT 3
•5113
50
385-0685
LOT 2
EST 10' DWY


LOT 21
385-0654
50
•5040
LOT 20
385-0653
50
•5034
LOT 19
385-0652
50
•5026-28
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
19+50
20+00
20+50
OBST.
OBST.
4.3 BRICK CW
BRICK BORDER
R&R 7" CONC DWY
R&R 7" CONC DWY
R&R 7" CONC DWY
REM & CONST 31" REINF VFCC&G
ABAND CB & CBW
1925 8" WATER MAIN
.11 CROWN
REM & CONST 8" CONC PAV'T
SEE SHEET 4 OF 6
W. WE
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONCRETE TRACK ZONE RAILS COVERED
END .11 CROWN
END .11 CROWN
CONST 31" REINF VFCC&G
ABAND CB
CBW
.06 CRN
.00 CRN
.06 CRN
REM & CONST 31" REINF. VFCC&G
REM & CONST 8" CONC PAV'T
R&R 7" CONC PAV'T
ROADLIFE: 1987 7" CONC
HUB 15' RAD 19+70.12 39.00 RT
HUB 15' RAD 20+30.18 39.00 RT
BOR
SAW @ BOR
SAW Cb
X SAW X
BM: NW BOLT HYDRANT AT SE CORNER N. 51ST ST. & W. WELLS ST. ELEVATION: 93.315
51ST ST.
19+50
20+00
20+50
•5103-05
50
385-0684
LOT 1
•5031
50
385-0717
LOT 11
STOP
MH
SAN SWR
STO SWR
AMER

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.

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						

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

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

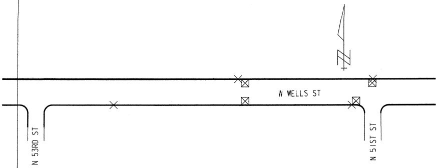
FILE NO.
599

PLAN OF: W WELLS ST 800N, 5100-5200W
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)
THIS SECTION: N 51ST ST TO N 53RD ST

DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO.		
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15	ST211 15 0103	SHEET 3 OF 6	
LEVELS BY	KLINIEWICZ	DATE: 08/04/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	T. JOHNSON	DATE: 11/08/14	1"=10'	385	10
DESIGNED BY	S. CULL	DATE: 03/23/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 03/23/15	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 6/9/15	REVISED:		
APPROVED BY	MDZ	DATE: 6/10/15	REVISED:		
FILE: V:\PWELIB\PAVING\29452_2.FIN					
PLOT DATE: 04-JUN-2015					

THIS SHEET

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



W WELLS ST
N 53RD ST
N 51ST ST

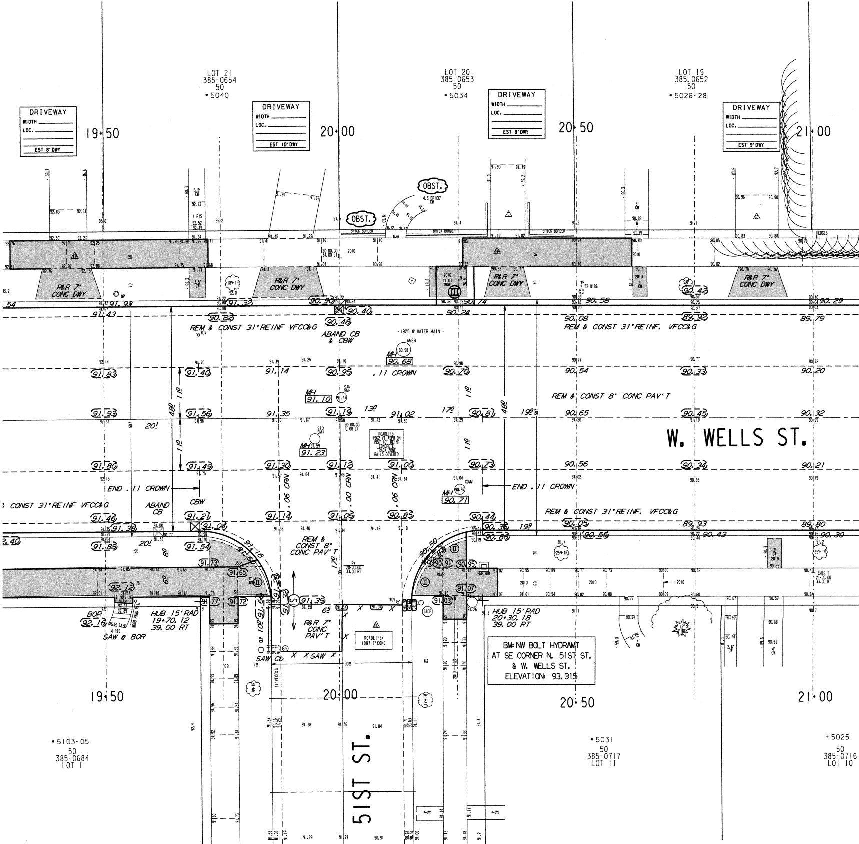
EROSION CONTROL AND C.B. REQUISITION PLAN

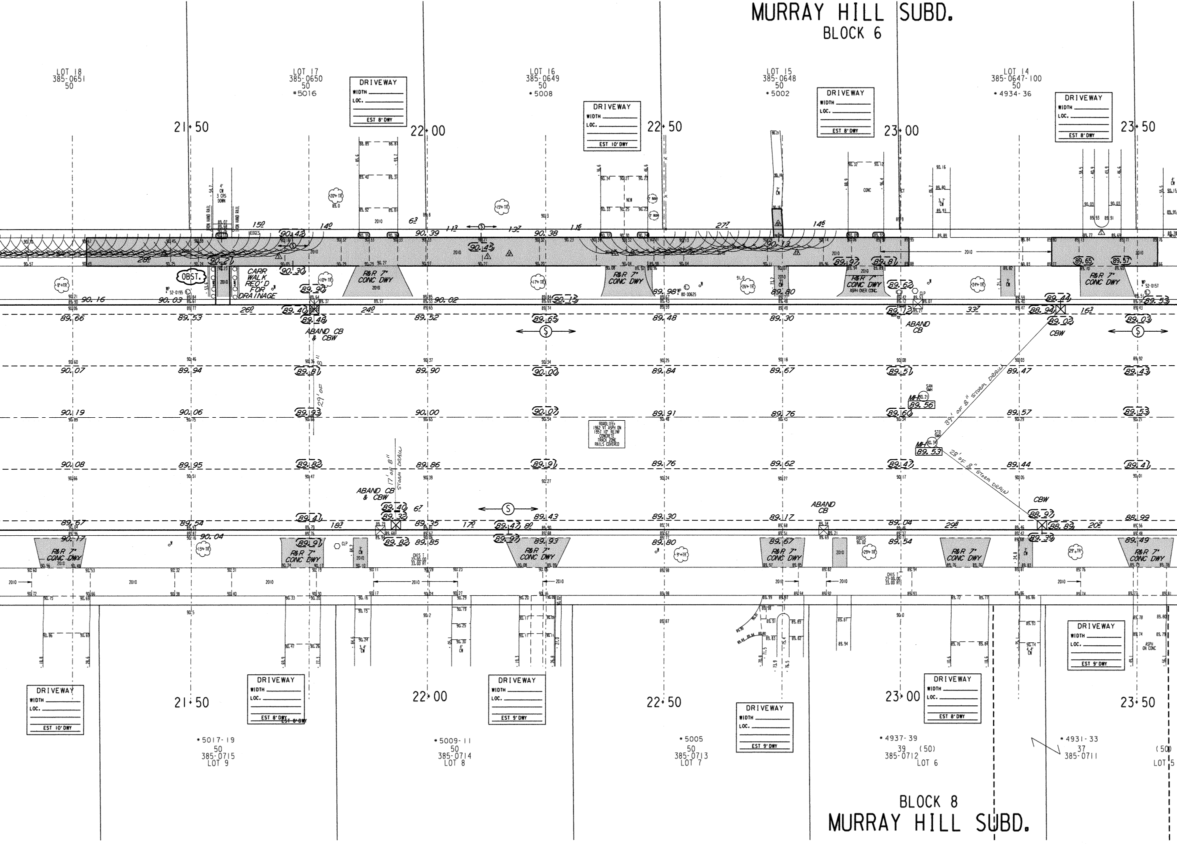
	EROSION	CONTROL	AND	C.B. REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	⌀ NO WORK
THIS SHEET	4	4	0	4	

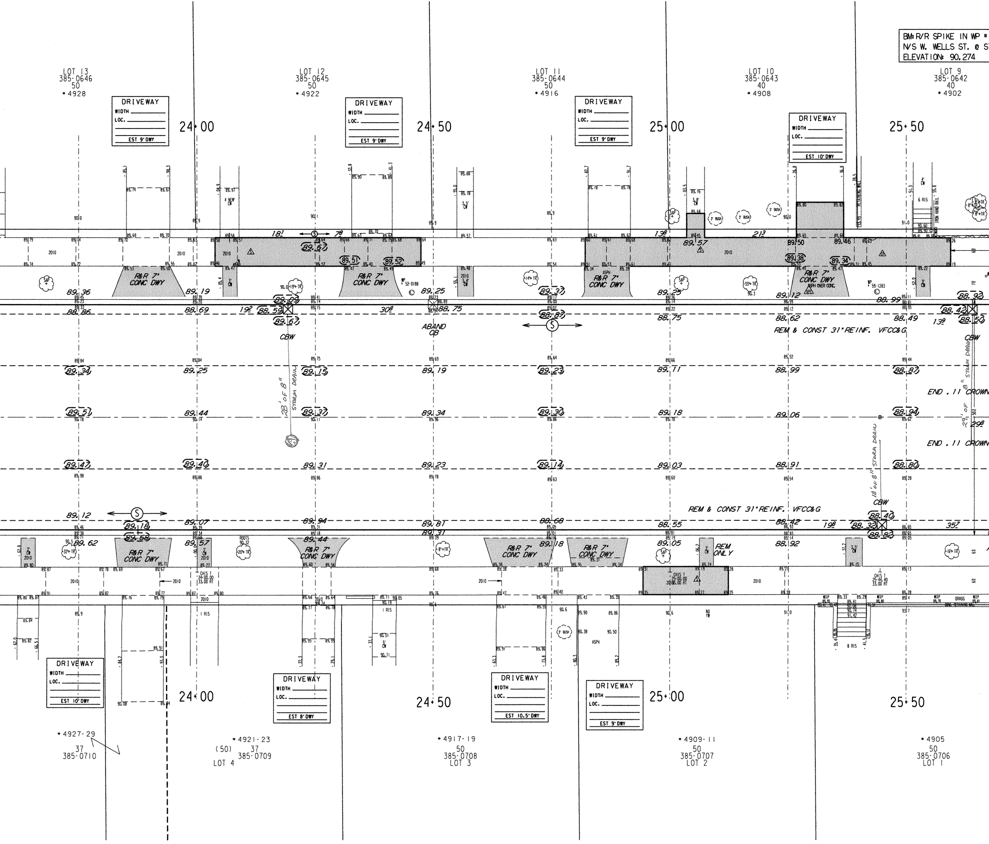
DATE / TO	6-11-15	7-29-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG	1				
Rm 506		6			
PLAN SIZE	18" X 112"				

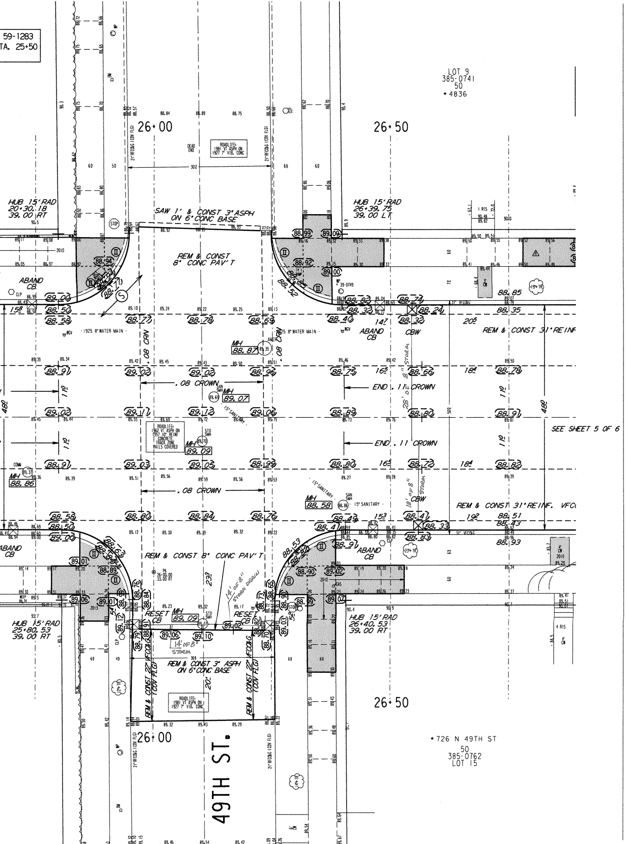
W WELLS ST - N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)
N 51ST ST TO N 53RD ST
ST 211 15 0103
18" X 112"
29452
#599
(3 OF 6)

SEE SHEET 3 OF 6


LOT 21
385-0654
50
* 5040
LOT 20
385-0653
50
* 5034
LOT 19
385-0652
50
* 5026-28
DRIVEWAY WIDTH LOC. EST 8' DWY
DRIVEWAY WIDTH LOC. EST 10' DWY
DRIVEWAY WIDTH LOC. EST 8' DWY
DRIVEWAY WIDTH LOC. EST 9' DWY
19+50
20+00
20+50
21+00
OBST.
OBST.
4.3 BRICK CW
BRICK BORDER
HEDGES
R&R 7" CONC DWY
R&R 7" CONC DWY
R&R 7" CONC DWY
R&R 7" CONC DWY
REM & CONST 31' REINF VFCC&G
REM & CONST 31' REINF. VFCC&G
ABAND CB & CBW
1925 8" WATER MAIN
MH 90.68
MH 91.10
MH 91.23
MH 90.71
.11 CROWN
REM & CONST 8" CONC PAV'T
W. WELLS ST.
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONCRETE TRACK ZONE RAILS COVERED
END .11 CROWN
END .11 CROWN
.06 CRN
.00 CRN
.06 CRN
& CONST 31' REINF VFCC&G
ABAND CB
CBW
REM & CONST 8" CONC PAV'T
REM & CONST 31' REINF. VFCC&G
HUB 15' RAD 19+70.12 39.00 RT
HUB 15' RAD 20+30.18 39.00 RT
BOR 92.16
SAW @ BOR
R&R 7" CONC PAV'T
ROADLIFE: 1967 7" CONC
SAW Cb
SAW
STOP
BM: NW BOLT HYDRANT AT SE CORNER N. 51ST ST. & W. WELLS ST. ELEVATION: 93.315
19+50
20+00
20+50
21+00
51ST ST.
* 5103-05
50
385-0684
LOT 1
* 5031
50
385-0717
LOT 11
* 5025
50
385-0716
LOT 10


MURRAY HILL SUBD.
BLOCK 6
LOT 18
385-0651
50
LOT 17
385-0650
50
*5016
LOT 16
385-0649
50
*5008
LOT 15
385-0648
50
*5002
LOT 14
385-0647-100
50
*4934-36
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
EST 10' DWY
EST 9' DWY
21+50
22+00
22+50
23+00
23+50
R&R 7" CONC DWY
ASPH OVER CONC
OBST.
CARR WALK REQ'D FOR DRAINAGE
ABAND CB & CBW
ABAND CB
CBW
29' OF 8"
17' OF 8" STORM DRAIN
39' OF 8" STORM DRAIN
28' OF 8" STORM DRAIN
SAN SWR
MH
STO SWR
ROADLIFE:
1962 VT ASPH ON
1957 10" REINF
CONCRETE
TRACK ZONE
RAILS COVERED
IRON HAND RAIL
HEDGES
NEW
CONC
CLP
ROOTS
ASPH ON CONC
2010
*5017-19
50
385-0715
LOT 9
*5009-11
50
385-0714
LOT 8
*5005
50
385-0713
LOT 7
*4937-39
39 (50)
385-0712
LOT 6
*4931-33
37
385-0711
(50)
LOT 5
BLOCK 8
MURRAY HILL SUBD.


BM: R/R SPIKE IN WP #
N/S W. WELLS ST. @ S
ELEVATION: 90.274
LOT 13
385-0646
50
• 4928
LOT 12
385-0645
50
• 4922
LOT 11
385-0644
50
• 4916
LOT 10
385-0643
40
• 4908
LOT 9
385-0642
40
• 4902
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
EST 10' DWY
24+00
24+50
25+00
25+50
R&R 7" CONC DWY
18!
7²
13²
21³
19²
30²
ABAND CB
CBW
28' OF 8" STORM DRAIN
18' OF 8" STORM DRAIN
29' OF 8" STORM DRAIN
REM & CONST 31" REINF. VFCC&G
END .11 CROWN
REM ONLY
19²
35²
13²
CHIS T 24+00.00 33.00 RT
CHIS T 25+00.00 20.00 RT
CHIS T 25+44.40 33.00 RT
EST 8' DWY
EST 10.5' DWY
• 4927-29
37
385-0710
• 4921-23
(50) 37
385-0709
LOT 4
• 4917-19
50
385-0708
LOT 3
• 4909-11
50
385-0707
LOT 2
• 4905
50
385-0706
LOT 1
89.36
88.86
89.19
88.69
89.09
88.59
89.67
89.25
88.75
89.37
88.87
89.25
88.75
89.12
88.62
88.99
88.49
88.92
88.42
88.50
89.34
89.25
89.15
89.19
89.23
89.11
88.99
88.87
89.51
89.44
89.37
89.34
89.30
89.18
89.06
88.94
89.47
89.40
89.31
89.23
89.14
89.03
88.91
88.80
89.12
89.18
89.68
89.62
89.07
89.57
89.94
89.44
89.81
89.31
89.68
89.18
88.55
89.05
88.42
88.92
88.40
88.32
88.82
89.67
89.51
89.52
89.57
89.50
89.46
89.38
89.34
2010
6 RIS
8 RIS
1 RIS
IRON HAND RAIL
RETAINING WALL
GRASS
ASPH
NO YW


59-1283
STA. 25+50
LOT 9
385-0741
50
• 4836
26+00
26+50
ROADLIFE: 1981 VT ASPH ON 1927 7" VIB. CONC
DEAD END
HUB 15' RAD 20+30.18 39.00 RT
HUB 15' RAD 26+39.75 39.00 LT
SAW 1' & CONST 3" ASPH ON 6" CONC BASE
REM & CONST 8" CONC PAV'T
ABAND CB
1925 8" WATER MAIN
MH 88.87
MH 89.07
MH 89.09
MH 88.86
MH 88.58
.08 CRN
.08 CROWN
END .11 CROWN
CBW
REM & CONST 31" REINF
REM & CONST 31" REINF. VFC
SEE SHEET 5 OF 6
15" SANITARY
28' of 8" STORM
18' of 8" STORM
14' of 8" STORM DRAIN
14' of 8" STORM
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONCRETE TRACK ZONE RAILS COVERED
STO SMH
SAN SMH
REM & CONST 8" CONC PAV'T
RESET CB
HUB 15' RAD 25+80.53 39.00 RT
HUB 15' RAD 26+40.53 39.00 RT
REM & CONST 3" ASPH ON 6" CONC BASE
REM & CONST 22" VFCC&G (COV FLG)
ROADLIFE: 1981 VT ASPH ON 1927 7" VIB. CONC
49TH ST.
• 726 N 49TH ST
50
385-0762
LOT 15
STOP
ABAND CB

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.

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.
600

PLAN OF: W WELLS ST 800N, 5100-5200W

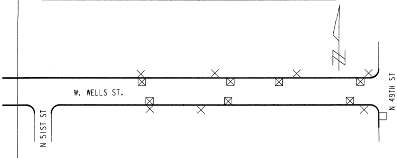
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)

THIS SECTION: N 49TH ST TO N 51ST ST

DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO. ST211 15 0103		SHEET 4 OF 6
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15			
LEVELS BY	KLINIEWICZ	DATE: 08/04/14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	T. JOHNSON	DATE: 11/08/14	1" = 10'	385	10
DESIGNED BY	S. CULL	DATE: 03/23/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 03/23/15	REVISED:		
CHECKED BY	D. Ulatoski	DATE: 6/9/15	REVISED:		
APPROVED BY	MDz	DATE: 6/10/15	REVISED:		
FILE: V:\PWELIB\PAVING\29452_3.FIN					
PLOT DATE: 04-JUN-2015					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 7	RESET- 1	ABANDON- 7
PROJECT IN (COMB) (SEPARATED) AREA		


W. WELLS ST.
N 51ST ST
N 49TH ST

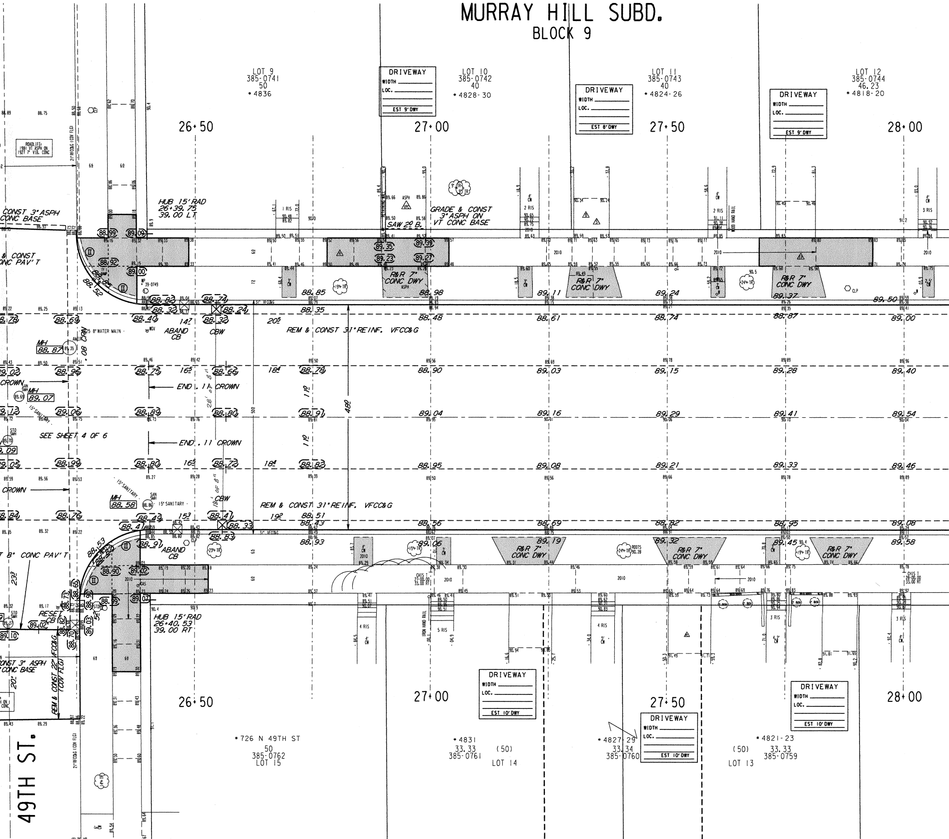
EROSION CONTROL AND C.B. REQUISITION PLAN

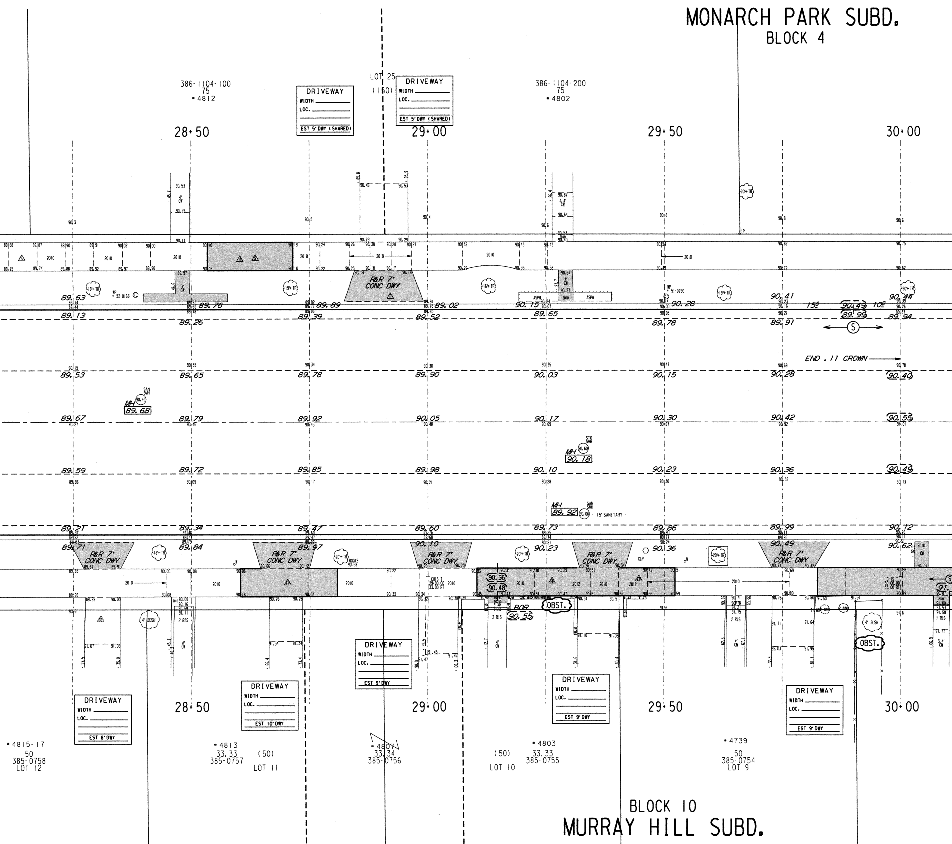
	EROSION	CONTROL	AND C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	∅
THIS SHEET	8	7	1	7	NO WORK

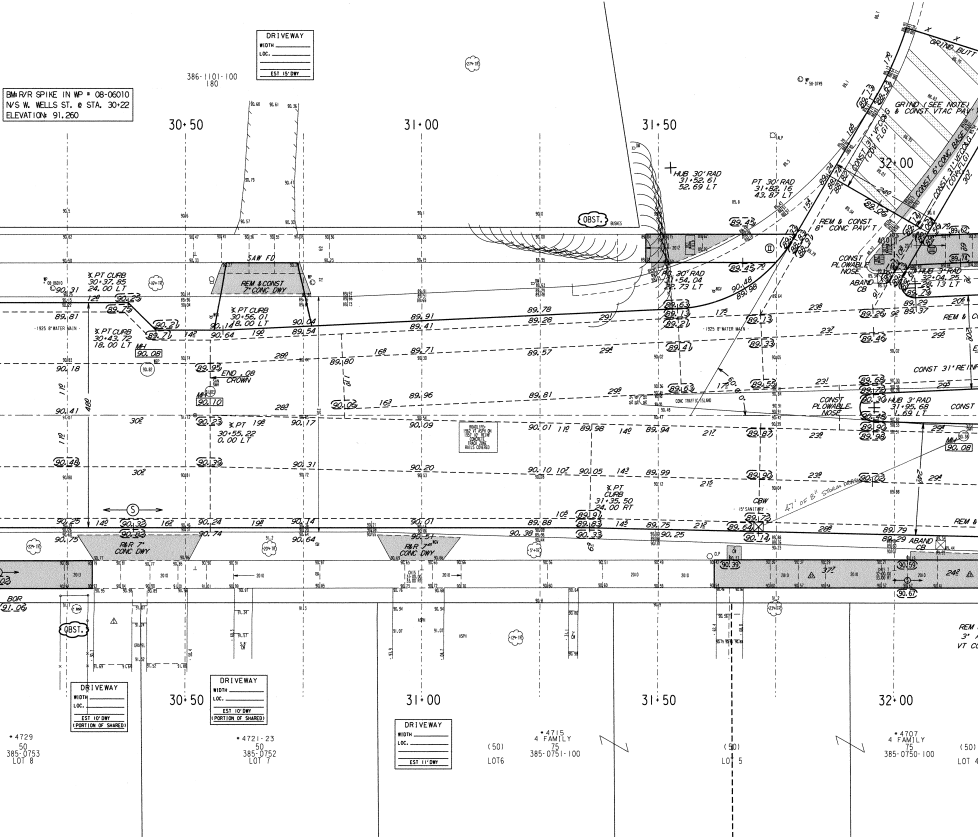
TO \ DATE	6-11-15	7-29-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG	1				
Rm 506		6			
PLAN SIZE	18" X 112"				

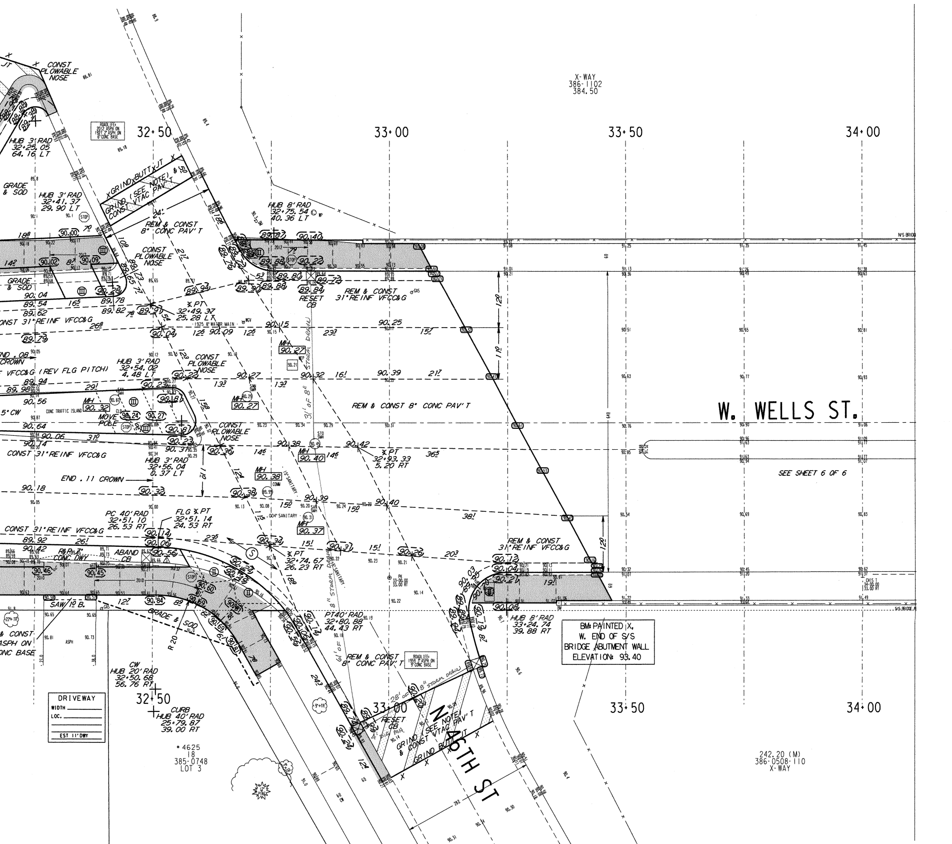
W WELLS ST - N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE) (4 OF 6)

N 49TH ST TO N 51ST ST ST 211 15 0103 18" X 112" 29452 #600


MURRAY HILL SUBD.
BLOCK 9
LOT 9
385-0741
50
* 4836
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
LOT 10
385-0742
40
* 4828-30
DRIVEWAY
WIDTH
LOC.
EST 8' DWY
LOT 11
385-0743
40
* 4824-26
DRIVEWAY
WIDTH
LOC.
EST 9' DWY
LOT 12
385-0744
46.23
* 4818-20
26+50
27+00
27+50
28+00
ROADLIFE:
1981 VT ASPH ON
1927 7" VIB. CONC
CONST 3" ASPH
CONC BASE
& CONST
CONC PAV'T
HUB 15' RAD
26+39.75
39.00 LT
GRADE & CONST
3" ASPH ON
VT CONC BASE
SAW 2' B.
R&R 7" CONC DWY
R&R 7" CONC DWY
R&R 7" CONC DWY
2010
ABAND CB
CBW
REM & CONST 31" REINF. VFCC&G
MH
88.87
MH
89.07
CROWN
END .11 CROWN
END .11 CROWN
28' OF 8"
SEE SHEET 4 OF 6
15" SANITARY
MH
88.58
15" SANITARY
18' OF 8"
CBW
REM & CONST 31" REINF. VFCC&G
48'
ABAND CB
T 8" CONC PAV'T
RESET CB
HUB 15' RAD
26+40.53
39.00 RT
REM & CONST 22" VFCC&G (COV FLG)
CONST 3" ASPH
CONC BASE
R&R 7" CONC DWY
R&R 7" CONC DWY
R&R 7" CONC DWY
CHIS I
27+00.00
33.00 RT
CHIS I
28+00.00
33.00 RT
IRON HAND RAIL
WOOD HAND RAIL
4 RIS
5 RIS
4 RIS
3 RIS
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
DRIVEWAY
WIDTH
LOC.
EST 10' DWY
26+50
27+00
27+50
28+00
* 726 N 49TH ST
50
385-0762
LOT 15
* 4831
33.33
385-0761
(50)
LOT 14
* 4827-29
33.34
385-0760
(50)
LOT 13
* 4821-23
33.33
385-0759
49TH ST.
88.85
88.35
88.98
88.48
89.11
88.61
89.24
88.74
89.37
88.87
89.50
89.00
88.78
88.90
89.03
89.15
89.28
89.40
88.91
89.04
89.16
89.29
89.41
89.54
88.82
88.95
89.08
89.21
89.33
89.46
88.51
88.43
88.93
88.56
89.06
88.69
89.19
88.82
89.32
88.95
89.45
89.08
89.58
20'
14'
16'
18'
16'
18'
15'
19'
23'
20'
1%
1%


MONARCH PARK SUBD.
BLOCK 4
386-1104-100
75
4812
LOT 25
(150)
386-1104-200
75
4802
DRIVEWAY
WIDTH
LOC.
EST 5' DWY (SHARED)
28+50
29+00
29+50
30+00
R&R 7" CONC DWY
ASPH
2010
2012
END .11 CROWN
MH 89.68
MH 90.18
MH 89.92
SAN SMH
STO SMH
15" SANITARY
89.63
89.13
89.76
89.26
89.89
89.39
89.02
89.52
90.15
89.65
90.28
89.78
90.41
89.91
90.49
89.99
90.44
89.94
89.53
89.65
89.78
89.90
90.03
90.15
90.28
90.40
89.67
89.79
89.92
90.05
90.17
90.30
90.42
90.55
89.59
89.72
89.85
89.98
90.10
90.23
90.36
90.49
89.21
89.34
89.47
89.60
89.73
89.86
89.99
90.12
89.71
89.84
89.97
90.10
90.23
90.36
90.49
90.62
90.36
90.48
BOR 90.55
OBST.
CHIS T 29+00.00 33.00 RT
CHIS T 30+00.00 33.00 RT
EST 8' DWY
EST 10' DWY
EST 9' DWY
4815-17
50
385-0758
LOT 12
4813
33.33
(50)
385-0757
LOT 11
4807
33.34
385-0756
(50)
LOT 10
4803
33.33
385-0755
4739
50
385-0754
LOT 9
BLOCK 10
MURRAY HILL SUBD.


BM: R/R SPIKE IN WP # 08-06010
N/S W. WELLS ST. @ STA. 30+22
ELEVATION: 91.260
386-1101-100
180
DRIVEWAY
WIDTH
LOC.
EST 15' DWY
30+50
31+00
31+50
32+00
OBST.
BUSHES
SAW FD
REM & CONST 7" CONC DWY
℄ PT CURB 30+37.85 24.00 LT
℄ PT CURB 30+56.01 18.00 LT
℄ PT CURB 30+43.72 18.00 LT
MH 90.08
MH 90.10
END .08 CROWN
℄ PT 30+55.22 0.00 LT
1925 8" WATER MAIN
ROADLIFE: 1962 VT ASPH ON 1957 10" REINF CONCRETE TRACK ZONE RAILS COVERED
HUB 30' RAD 31+52.61 52.69 LT
PT 30' RAD 31+82.16 43.87 LT
PC 30' RAD 31+54.04 22.73 LT
REM & CONST 8" CONC PAV'T
CONST PLOWABLE NOSE
ABAND CB
HUB 3' RAD 32+04.25 28.13 LT
HUB 3' RAD 31+95.68 1.69 LT
CONC TRAFFIC ISLAND
GRIND BUTT
GRIND (SEE NOTE) & CONST VTAC PAV'T
CONST 31" VFCC&G (COMFLG)
CONST 6" CONC BASE
REM & CONST
CONST 31" REINF
MH 90.08
℄ PT CURB 31+35.50 24.00 RT
CBW
15" SANITARY
47' OF 8" STORM DRAIN
ABAND CB
R&R 7" CONC DWY
BOR 91.06
2013
2010
CHIS T 31+00.00 33.00 RT
CHIS T 32+00.00 33.00 RT
CLP
GRAVEL
ASPH
DRIVEWAY
WIDTH
LOC.
EST 10' DWY (PORTION OF SHARED)
DRIVEWAY
WIDTH
LOC.
EST 10' DWY (PORTION OF SHARED)
DRIVEWAY
WIDTH
LOC.
EST 11' DWY
• 4729 50 385-0753 LOT 8
• 4721-23 50 385-0752 LOT 7
(50) LOT 6
• 4715 4 FAMILY 75 385-0751-100
(50) LOT 5
• 4707 4 FAMILY 75 385-0750-100
(50) LOT 4
REM 3" A VT CO


X-WAY
386-1102
384.50
32+50
33+00
33+50
34+00
W. WELLS ST.
N. 46TH ST
SEE SHEET 6 OF 6
CONST PLOWABLE NOSE
HUB 3' RAD 32+25.05 64.16 LT
HUB 3' RAD 32+41.37 29.90 LT
GRADE & SOD
XGRIND XBUTT XJT
GRIND (SEE NOTE) & CONST VTAC PAV'T
REM & CONST 8" CONC PAV'T
CONST PLOWABLE NOSE
HUB 8' RAD 32+75.54 40.36 LT
RESET CB
REM & CONST 31" REINF VFCC&G
PT 32+49.37 25.28 LT
1925 8" WATER MAIN
CONST 31" REINF VFCC&G
HUB 3' RAD 32+54.02 4.48 LT
CONST PLOWABLE NOSE
CONST 31" REINF VFCC&G (REV FLG PITCH)
MH 90.27
MH 90.32
MOVE POLE
CONC TRAFFIC ISLAND
5' CW
REM & CONST 8" CONC PAV'T
CONST PLOWABLE NOSE
PT 32+93.33 5.20 RT
MH 90.40
MH 90.38
15" SANITARY
HUB 3' RAD 32+56.04 0.37 LT
END .11 CROWN
END .08 CROWN
PC 40' RAD 32+51.10 26.53 RT
FLG PT 32+51.14 24.53 RT
004" SANITARY
MH 90.37
CONST 31" REINF VFCC&G
R&R 7" CONC DWY
ABAND CB
PT 32+74.67 26.23 RT
REM & CONST 31" REINF VFCC&G
SAW 1/2 B.
GRADE & SOD
PT 40' RAD 32+80.88 44.43 RT
HUB 8' RAD 33+24.74 39.88 RT
BM: PAINTED X, W. END OF S/S BRIDGE ABUTMENT WALL ELEVATION: 93.40
REM & CONST 8" CONC PAV'T
ROADLIFE: 1959 3" ASPH ON 9" CONC BASE
ROADLIFE: 2012 ASPH ON 1927 2" ASPH ON 8" CONC BASE
28' OF 8" STORM DRAIN
61' OF 8" STORM DRAIN
31' OF 8" STORM DRAIN
RESET CB
GRIND (SEE NOTE) & CONST VTAC PAV'T
GRIND BUTT JT
CW HUB 20' RAD 32+50.68 56.76 RT
CURB HUB 40' RAD 25+79.87 39.00 RT
DRIVEWAY
WIDTH
LOC.
EST 11' DWY
* 4625
18
385-0748
LOT 3
& CONST ASPH ON CONC BASE
242.20 (M)
386-0508-110
X-WAY
CHIS T 34+00.00 33.00 RT
N/S BRIDGE
S/S BRIDGE
PK 33+00.00 33.00 RT
12" PINE

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. 601

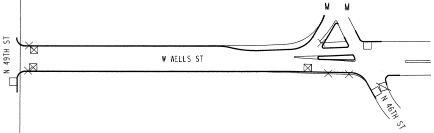
PLAN OF: W WELLS ST 800N, 4600-4800W
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)
THIS SECTION: STADIUM FREEWAY TO N 49TH ST

DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO. ST211 15 0103	SHEET 5 OF 6
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15		
LEVELS BY	KLINIEWICZ	DATE: 08/04/14	SCALE 1"=10'	1/4 SEC. 385 / ALD.DIST. 10
LEVELS TRANSF. BY	T. JOHNSON	DATE: 11/08/14		
DESIGNED BY	S. CULL	DATE: 04/15/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	S. CULL	DATE: 04/15/15	REVISED: ADD BIKE LANE N/S 30+50-32+50	
CHECKED BY	D. Ulabaka	DATE: 6/9/15	05/08/2015 S. CULL	
APPROVED BY		DATE: 6/10/15	REVISED:	
FILE: V:\PWELIB\PAVING\29452_3.FIN				
PLOT DATE: 04-JUN-2015				

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 3	RESET- 3	ABANDON- 5
PROJECT IN (COMB) (SEPARATED) AREA		

TO \ DATE	6-11-15	7-29-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
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.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG.	1				
Rm 506		6			
PLAN SIZE	18" X 112"				

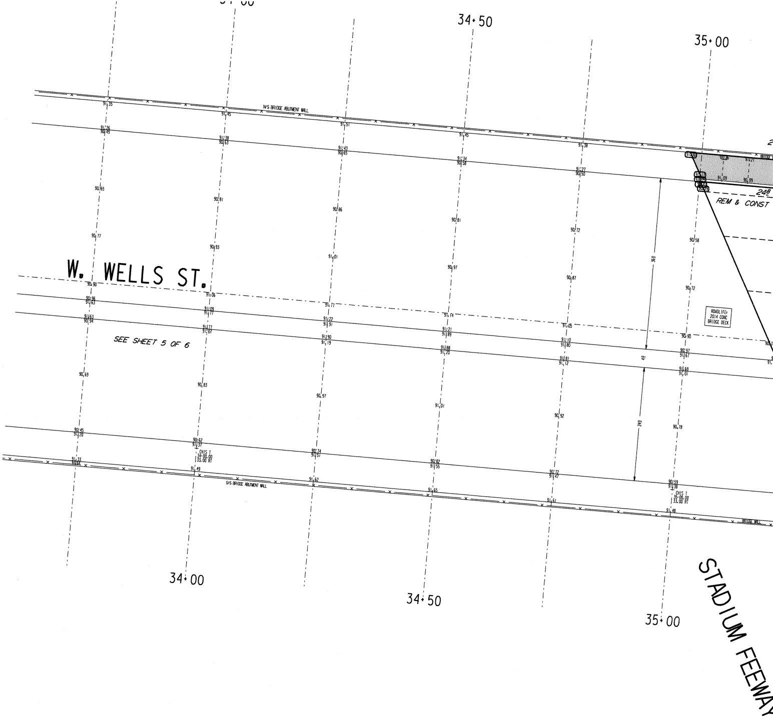

N 49TH ST
W WELLS ST
M
M
N 46TH ST

EROSION CONTROL AND C.B. REQUISITION PLAN

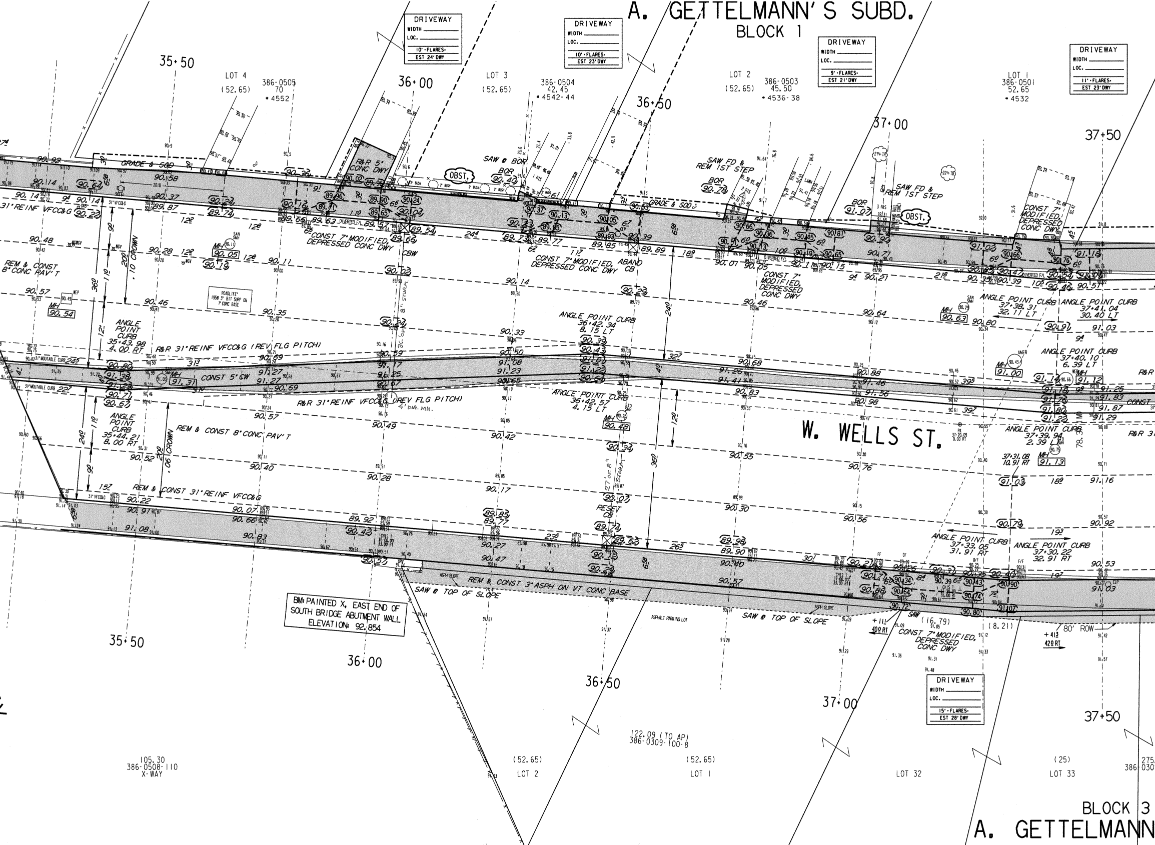
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	⊘
THIS SHEET	10	3	3	5	NO WORK

W WELLS ST - N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE) (5 OF 6)

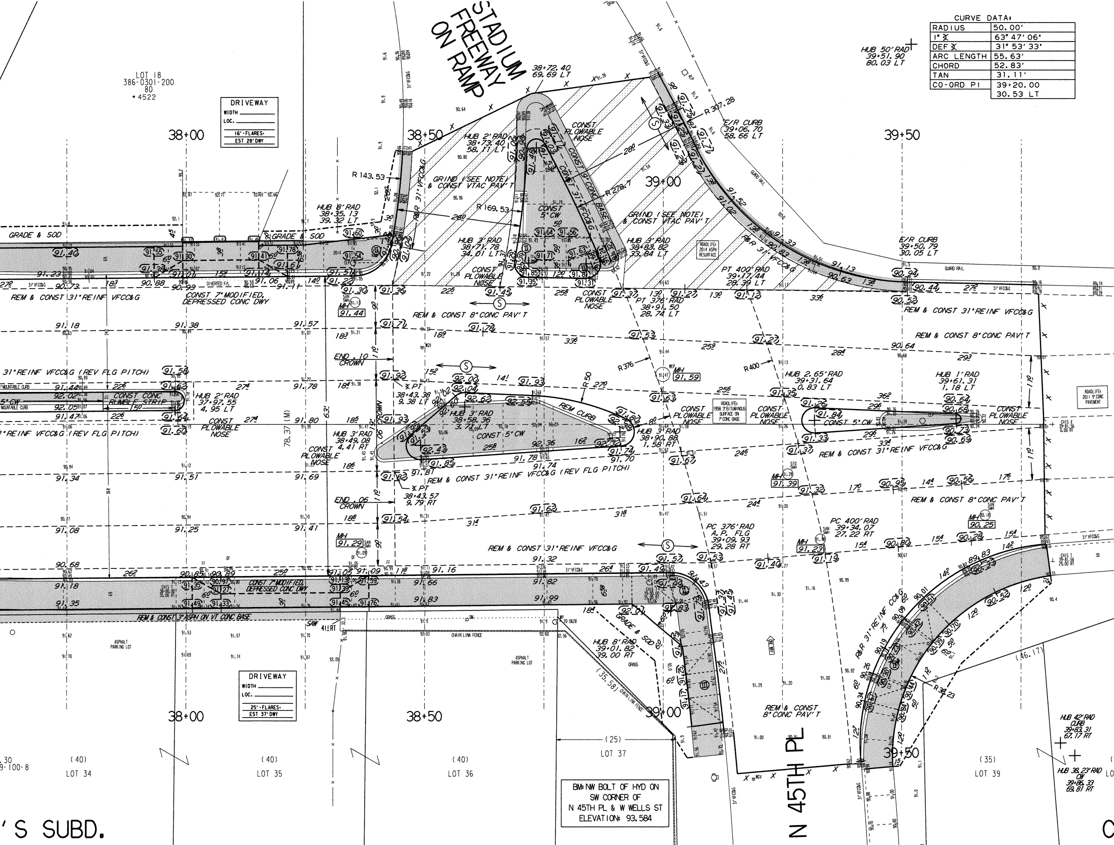
STADIUM FREEWAY TO N 49TH ST ST 211 15 0103 18" X 112" 29452 #601



34+50
35+00
N/S BRIDGE ABUTMENT WALL
248
REM & CONST
W. WELLS ST.
360
ROADLIFE+
2014 CONC
BRIDGE DECK
SEE SHEET 5 OF 6
48
240
CHIS T
34+00.00
33.00 RT
CHIS T
35+00.00
33.00 RT
S/S BRIDGE ABUTMENT WALL
BRIDGE WALL
34+00
34+50
35+00
STADIUM FEEWAY


A. GETTELMANN'S SUBD.
BLOCK 1
DRIVEWAY
WIDTH
LOC.
10' FLARES
EST 24' DWY
DRIVEWAY
WIDTH
LOC.
10' FLARES
EST 23' DWY
DRIVEWAY
WIDTH
LOC.
9' FLARES
EST 21' DWY
DRIVEWAY
WIDTH
LOC.
11' FLARES
EST 23' DWY
35+50
36+00
36+50
37+00
37+50
LOT 4
(52.65)
386-0505
70
4552
LOT 3
(52.65)
386-0504
42.45
4542-44
LOT 2
(52.65)
386-0503
45.50
4536-38
LOT 1
386-0501
52.65
4532
GRADE & SOD
R&R 5' CONC DWY
OBST.
SAW @ BOR
BOR
SAW FD & REM 1ST STEP
SAW FD & REM 1ST STEP
CONST 7" MODIFIED, DEPRESSED CONC DWY
31' REINF VFCC&G
REM & CONST 8" CONC PAV'T
.10 CROWN
CONST 7" MODIFIED, DEPRESSED CONC DWY
CBW
CONST 7" MODIFIED, ABAND DEPRESSED CONC DWY CB
CONST 7" MODIFIED, DEPRESSED CONC DWY
ROADLIFE 1958 3" BIT SURF ON 7" CONC BASE
ANGLE POINT CURB 35+43.98 4.00 RT
ANGLE POINT CURB 36+42.34 8.15 LT
ANGLE POINT CURB 37+38.31 32.11 LT
ANGLE POINT CURB 37+41.04 30.40 LT
ANGLE POINT CURB 37+40.10 6.39 LT
R&R 31' REINF VFCC&G (REV FLG PITCH)
CONST 5' CW
R&R 31' REINF VFCC&G (REV FLG PITCH)
4' DIA. MH.
36' OF 8" STORM
ANGLE POINT CURB 36+42.57 4.15 LT
ANGLE POINT CURB 35+44.21 8.00 RT
REM & CONST 8" CONC PAV'T
.06 CROWN
W. WELLS ST.
ANGLE POINT CURB 37+39.94 2.39 LT
37+31.08 10.91 RT
REM & CONST 31' REINF VFCC&G
27' OF 8" STORM
RESET CB
ANGLE POINT CURB 37+33.05 31.91 RT
ANGLE POINT CURB 37+30.22 32.91 RT
REM & CONST 3' ASPH ON VT CONC BASE
SAW @ TOP OF SLOPE
ASPHALT PARKING LOT
SAW @ TOP OF SLOPE
CONST 7" MODIFIED, DEPRESSED CONC DWY
(16.79)
(8.21)
80' ROW
+111 40.0 RT
+413 42.0 RT
DRIVEWAY
WIDTH
LOC.
15' FLARES
EST 28' DWY
35+50
36+00
36+50
37+00
37+50
105.30
386-0508-110
X-WAY
(52.65)
LOT 2
122.09 (TO AP)
386-0309-100-8
(52.65)
LOT 1
LOT 32
(25)
LOT 33
275.
386-030
BLOCK 3
A. GETTELMANN

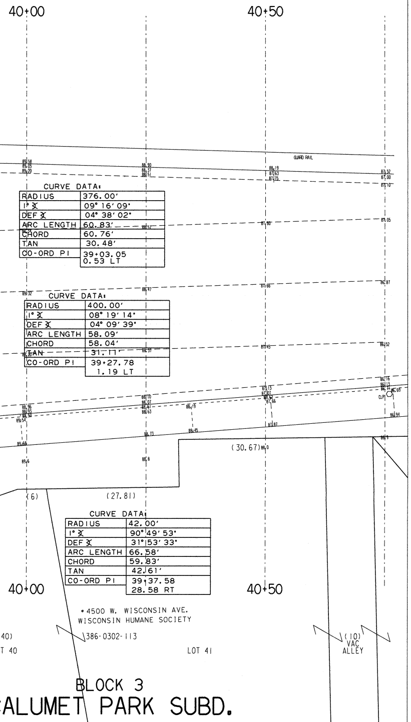
BM: PAINTED X, EAST END OF SOUTH BRIDGE ABUTMENT WALL ELEVATION: 92.854


STADIUM FREEWAY ON RAMP
LOT 18
386-0301-200
80
* 4522
DRIVEWAY
WIDTH
LOC.
16' • FLARES •
EST 28' DWY
38+00
38+50
39+00
39+50
HUB 50' RAD
39+51.90
80.03 LT
38+72.40
69.69 LT
HUB 2' RAD
38+73.40
58.11 LT
CONST PLOWABLE NOSE
CONST 9" CONC BASE
CONST 3' VFCC&G
R 307.28
E/R CURB
39+06.70
58.66 LT
R 143.53
GRIND (SEE NOTE) & CONST VTAC PAV'T
R 278.7
R 169.53
HUB 8' RAD
38+35.13
39.32 LT
CONST 5' CW
HUB 3' RAD
38+71.78
34.01 LT
HUB 3' RAD
38+83.82
33.84 LT
ROADLIFE: 2014 ASPH RESURFACE
E/R CURB
39+50.79
30.05 LT
GUARD RAIL
GRADE & SOD
PT 400' RAD
39+17.44
29.39 LT
CONST PLOWABLE NOSE
PT 376' RAD
38+91.50
28.74 LT
REM & CONST 31" REINF VFCC&G
CONST 7" MODIFIED, DEPRESSED CONC DWY
DIVERTED F/L
MH 91.44
REM & CONST 8" CONC PAV'T
END .10 CROWN
R 376
R 400
MH 91.59
HUB 2.65' RAD
39+31.64
0.83 LT
HUB 1' RAD
39+61.31
1.18 LT
31" REINF VFCC&G (REV FLG PITCH)
CONST CONC RUMBLE STRIP
HUB 2' RAD
37+97.55
4.95 LT
PT
38+43.38
9.38 LT
HUB 3' RAD
38+58.36
3.71 LT
R 50
REM CURB
CONST 5' CW
ROADLIFE: 1958 3" BITUMINOUS SURFACE ON 7" CONC BASE
ROADLIFE: 2011 9" CONC PAVEMENT
78.37 (M)
CROWN
HUB 3' RAD
38+49.08
4.41 RT
HUB 3' RAD
38+90.88
1.58 RT
REM & CONST 31" REINF VFCC&G (REV FLG PITCH)
PT
38+43.57
9.79 RT
END .06 CROWN
MH 91.39
MH 91.29
MH 90.25
MH 91.23
PC 376' RAD
A.P. FLG
39+09.93
29.28 RT
PC 400' RAD
39+34.07
27.22 RT
REM & CONST 31" REINF VFCC&G
R&R 31" REINF CC&G
REM & CONST 3" ASPH ON VT CONC BASE
CHAIN LINK FENCE
ASPHALT PARKING LOT
GRADE & SOD
HUB 8' RAD
39+01.82
39.00 RT
R 34.23
(35.58)
(46.17)
(25)
DRIVEWAY
WIDTH
LOC.
25' • FLARES •
EST 37' DWY
REM & CONST 8" CONC PAV'T
N 45TH PL
HUB 42' RAD
CURB
39+83.31
67.17 RT
HUB 38.23' RAD
CW
39+86.33
69.81 RT
(40)
LOT 34
(40)
LOT 35
(40)
LOT 36
LOT 37
(35)
LOT 39
'S SUBD.

CURVE DATA:

RADIUS	50.00'
I° ∡	63° 47' 06"
DEF ∡	31° 53' 33"
ARC LENGTH	55.63'
CHORD	52.83'
TAN	31.11'
CO-ORD PI	39+20.00 30.53 LT

BM: NW BOLT OF HYD ON
SW CORNER OF
N 45TH PL & W WELLS ST
ELEVATION: 93.584


40+00
40+50
GUARD RAIL
(30.67)
(6)
(27.81)
40+00
40+50
*4500 W. WISCONSIN AVE.
WISCONSIN HUMANE SOCIETY
386-0302-113
40)
T 40
LOT 41
(10)
VAC
ALLEY
BLOCK 3
ALUMET PARK SUBD.

CURVE DATA:

RADIUS	376.00'
I° ℄	09° 16' 09"
DEF ℄	04° 38' 02"
ARC LENGTH	60.83'
CHORD	60.76'
TAN	30.48'
CO-ORD PI	39+03.05 0.53 LT

CURVE DATA:

RADIUS	400.00'
I° ℄	08° 19' 14"
DEF ℄	04° 09' 39"
ARC LENGTH	58.09'
CHORD	58.04'
TAN	31.11'
CO-ORD PI	39+27.78 1.19 LT

CURVE DATA:

RADIUS	42.00'
I° ℄	90° 49' 53"
DEF ℄	31° 53' 33"
ARC LENGTH	66.58'
CHORD	59.83'
TAN	42.61'
CO-ORD PI	39+37.58 28.58 RT

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
VG	VERY GOOD
VP	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. 602

PLAN OF: W WELLS ST 800N, 4500W

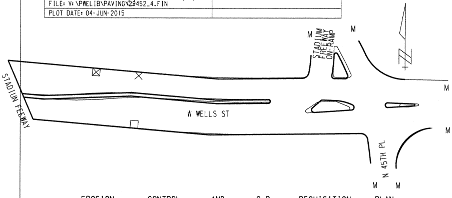
N 45TH PL TO N HAWLEY RD (EXCLUDING STRUCTURE)

THIS SECTION: N 45TH PL TO STADIUM FREEWAY

DRAWN BY	S. CULL	DATE: 02/18/15	PROJECT NO.		
DESCRIPTIONS BY	S. CULL	DATE: 02/18/15	ST211 15 0103	SHEET 6 OF 6	
LEVELS BY	KLINKIEWICZ	DATE: 08/04/14	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY	S. CULL	DATE: 11/08/14	1" = 10'	385	10
DESIGNED BY	S. CULL	DATE: 04/13/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. CULL	DATE: 04/13/15	REVISED: RUMBLE STRIP LIMITS 05/08/15		
CHECKED BY	D. Ulatowski	DATE: 6/9/15	REVISED:		
APPROVED BY		DATE: 6/10/15	REVISED:		
FILE: V:\PWELIB\PAVING\29452_4.FIN					
PLOT DATE: 04-JUN-2015					

THIS PLAN

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


M
STADIUM FREEWAY ON-RAMP
M
STADIUM FREEWAY
W WELLS ST
M
M
N 45TH PL
M
M

	EROSION CONTROL AND C.B. REQUISITION PLAN				
	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	NO WORK
THIS PLAN	8	1	1	1	

DATE / TO	6-11-15	7-25-15			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
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.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG	1				
Rm 506		6			
PLAN SIZE	18" X 112"				

W WELLS ST - N 45TH ST TO N HAWLEY RD (EXCLUDING STRUCTURE) (6 OF 6)

N 45TH PL TO STADIUM FREEWAY ST211 15 0103 18" X 112" 29452 #602