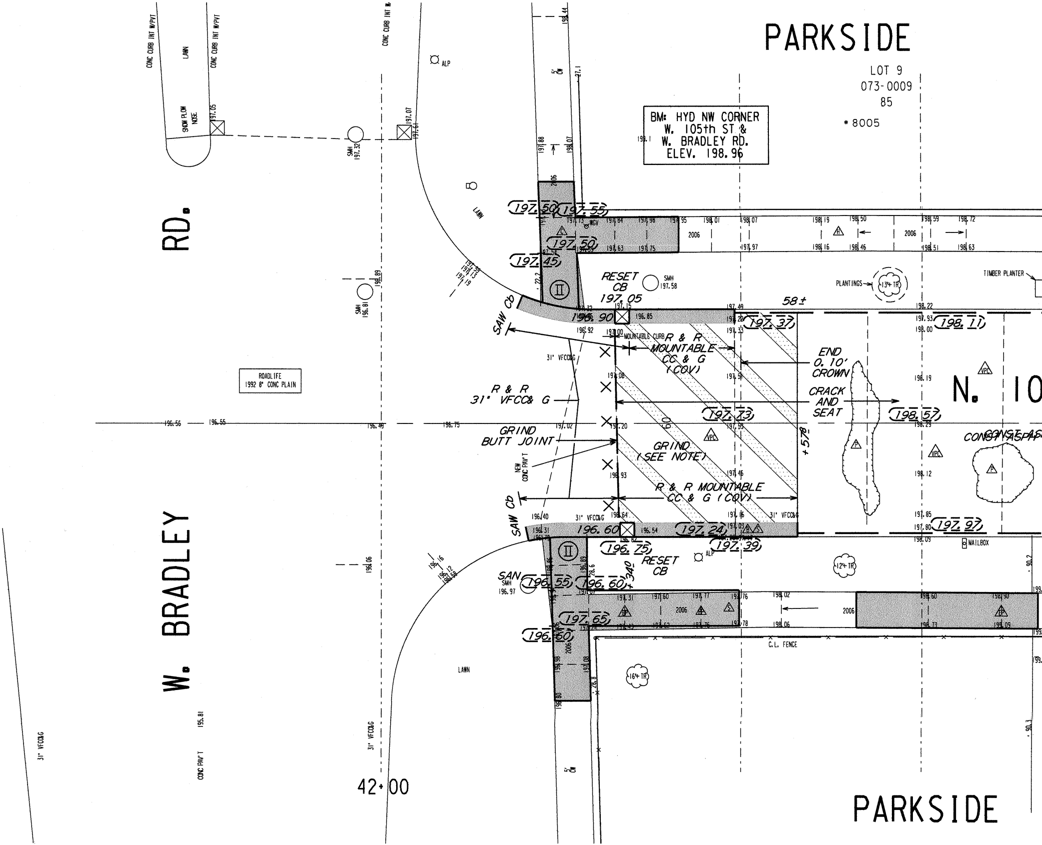
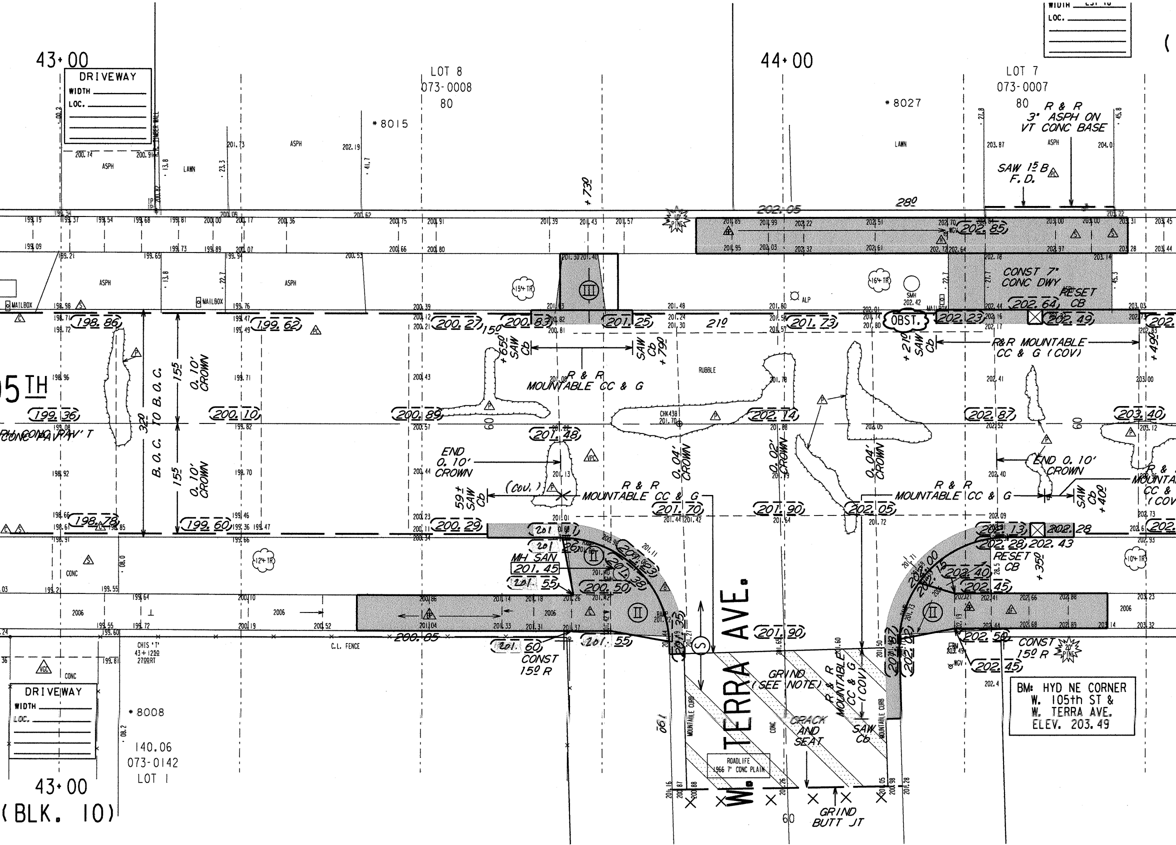
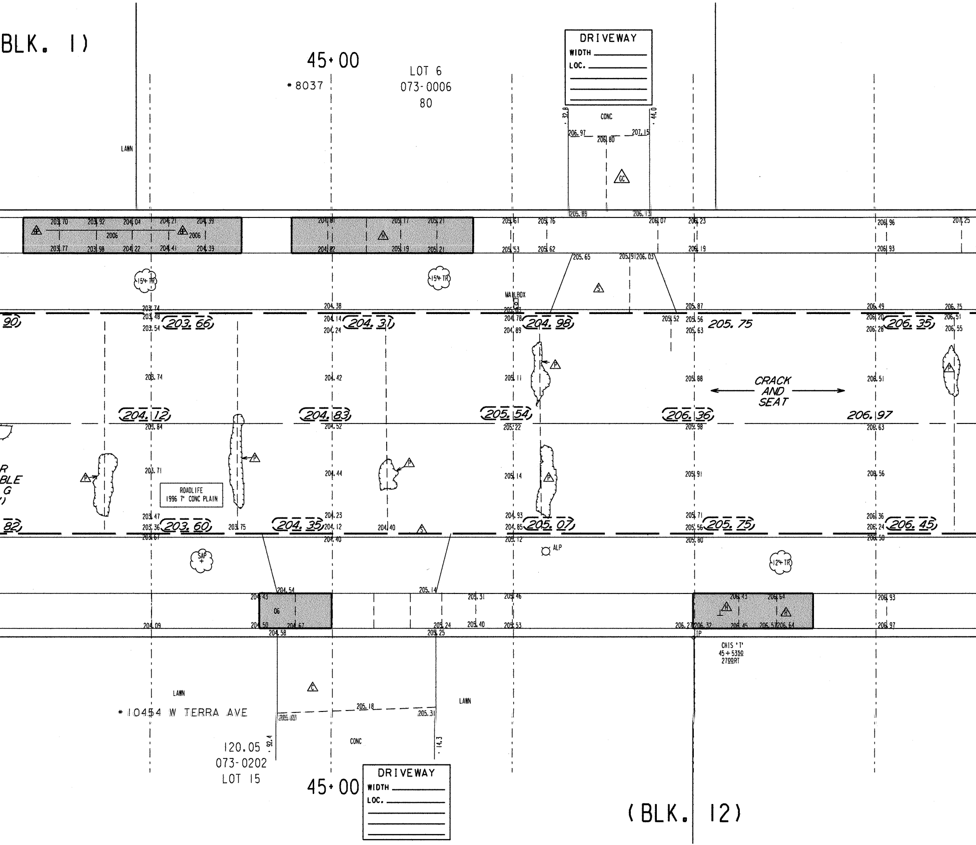
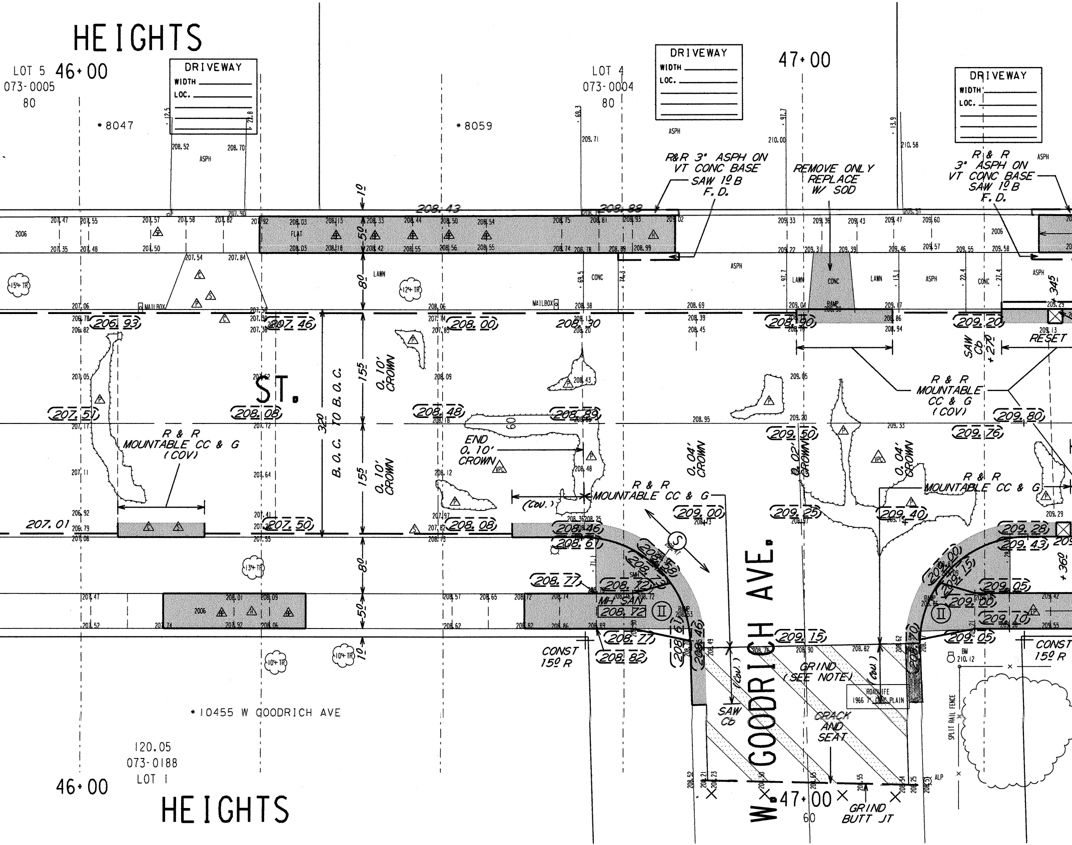
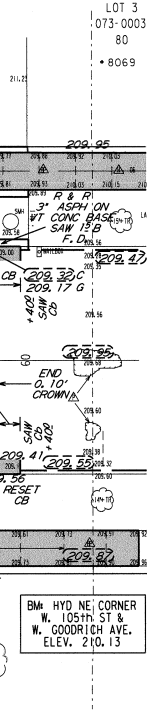

PARKSIDE
LOT 9
073-0009
85
* 8005
BM: HYD NW CORNER
W. 105th ST &
W. BRADLEY RD.
ELEV. 198.96
W. BRADLEY RD.
N. 10
PARKSIDE
ROADLIFE
1992 8" CONC PLAIN
RESET CB 197.05
RESET CB
SAW Cb
R & R MOUNTABLE CC & G (COV)
R & R 31" VFCC& G
GRIND BUTT JOINT
GRIND (SEE NOTE)
END 0.10' CROWN
CRACK AND SEAT
58±
+578
+340
CONST ASPH
R & R MOUNTABLE CC & G (COV)
MOUNTABLE CURB
NEW CONC PAV'T
31" VFCC&G
CONC PAV'T
SAN SMH 196.97
SMH 197.58
SMH 196.81
SMH 197.32
SNOW PLOW NOSE
CONC CURB INT W/PVT
LAWN
ALP
TIMBER PLANTER
PLANTINGS
13" TR
12" TR
16" TR
MAILBOX
C.L. FENCE
5' CW
2006
197.50
197.55
197.50
197.45
196.90
197.37
198.11
197.73
198.57
197.97
197.24
197.39
196.60
196.75
196.55
196.60
197.65
196.60
42+00

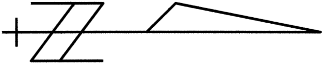

43+00
DRIVEWAY
WIDTH
LOC.
LOT 8
073-0008
80
*8015
44+00
*8027
LOT 7
073-0007
80
R & R
3" ASPH ON
VT CONC BASE
SAW 15 B
F. D.
ASPH
LAWN
202.05
28º
+73º
CONST 7"
CONC DWY
RESET
CB
MAILBOX
B. O. C. TO B. O. C.
320
155
0.10' CROWN
5TH
CONC PAV'T
R & R
MOUNTABLE CC & G
SAW Cb
+65º
+79º
21º
15º
OBST.
R&R MOUNTABLE
CC & G (COV)
RUBBLE
CHK438
SMH
ALP
0.04' CROWN
0.02' CROWN
END
0.10'
CROWN
END 0.10'
CROWN
R & R
MOUNTABLE CC & G
(COV.)
59±
+40º
60
MH SAN
201.45
RESET
CB
+35º
W. TERRA AVE.
GRIND
(SEE NOTE)
R & R
MOUNTABLE
CC & G
(COV)
CRACK
AND
SEAT
SAW
Cb
MOUNTABLE CURB
CONC
ROADLIFE
1966 7" CONC PLAIN
CONST
15º R
CHIS "T"
43+125º
279ºRT
C.L. FENCE
2006
10" PINE
20" PINE
BM: HYD NE CORNER
W. 105th ST &
W. TERRA AVE.
ELEV. 203.49
*8008
140.06
073-0142
LOT 1
43+00
(BLK. 10)
GRIND
BUTT JT
60


BLK. 1)
45+00
* 8037
LOT 6
073-0006
80
DRIVEWAY
WIDTH
LOC.
CONC
LAWN
MAILBOX
CRACK AND SEAT
ROADLIFE 1996 7' CONC PLAIN
15"+ TR
15"+ TR
12"+ TR
SAP
ALP
2006
2006
(203.66)
(204.31)
(204.98)
205.75
(206.35)
(204.12)
(204.83)
(205.54)
(206.36)
206.97
(203.60)
(204.35)
(205.07)
(205.75)
(206.45)
CHIS 'T'
45+53.50
27.00RT
IP
LAWN
* 10454 W TERRA AVE
120.05
073-0202
LOT 15
CONC
LAWN
45+00
DRIVEWAY
WIDTH
LOC.
(BLK. 12)


HEIGHTS
LOT 5 46+00
073-0005
80
DRIVEWAY
WIDTH
LOC.
*8047
*8059
LOT 4
073-0004
80
DRIVEWAY
WIDTH
LOC.
47+00
DRIVEWAY
WIDTH
LOC.
ASPH
R&R 3" ASPH ON VT CONC BASE SAW 1º B F. D.
REMOVE ONLY REPLACE W/ SOD
R & R 3" ASPH ON VT CONC BASE SAW 1º B F. D.
208.43
208.88
FLAT
2006
LAWN
CONC
MAILBOX
15+ TR
12+ TR
206.93
207.46
208.00
208.30
208.90
209.20
RESET
SAW Cb +27º
+345
ST.
B. O. C. TO B. O. C.
320
155
0.10' CROWN
R & R MOUNTABLE CC & G (COV)
207.51
208.08
208.48
208.89
209.50
209.76
209.80
60
END 0.10' CROWN
0.04' CROWN
0.02' CROWN
0.04' CROWN
R & R MOUNTABLE CC & G (COV)
R & R MOUNTABLE CC & G
R & R MOUNTABLE CC & G
(COV.)
209.00
209.25
209.40
207.01
207.50
208.08
208.46
208.61
209.28
209.43
80
13+ TR
208.77
208.72
MH SAN
208.72
208.58
208.73
208.77
208.82
208.61
208.46
209.15
209.00
209.15
209.05
209.00
209.10
209.05
+36º
50
10
10+ TR
10+ TR
CONST 15º R
CONST 15º R
SAW Cb
(COV.)
GRIND (SEE NOTE)
ROADLIFE 1966 7" CONC PLAIN
CRACK AND SEAT
BM 210.12
SPLIT RAIL FENCE
ALP
*10455 W GOODRICH AVE
120.05
073-0188
LOT 1
46+00
HEIGHTS
W. GOODRICH AVE.
47+00
60
GRIND BUTT JT


LOT 3
073-0003
80
*8069
211.23
209.95
209.88
209.92
210.03
06
209.81
209.93
210.03
210.15
210
209.89
R & R
3" ASPH ON
CONC BASE
SAW 15 B
F.D.
209.56
SMH
209.58
15+TR
LA
209.00
WATERBOX
209.28
209.35
209.47
CB
209.32 C
209.17 G
+40
SAW
Cb
209.56
60
209.95
209.68
END
0.10'
CROWN
P
209.60
SAW
Cb
+40
209.41
209.38
209.55
209.32
209.60
.56
RESET
CB
14+TR
209.61
209.73
209.91
209.92
BP
209.87
209.73
209.96

BM: HYD NE CORNER
W. 105th ST &
W. GOODRICH AVE.
ELEV. 210.13



SEE SHEET
2 OF 3

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 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.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE:
  - 0.12' MINIMUM COVER AT FLANGES,
  - 0.17' MINIMUM COVER AT BUTT JOINTS, AND
  - 0.25' MINIMUM COVER ELSEWHERE.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO-15 FT WIDTH ASPHALT PASSES WITH A 0.10' CROWN IN EACH PASS, REDUCING CROWN THROUGH THE INTERSECTIONS AS SHOWN.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED 'SAN' (SANITARY).
- REMOVE ALL ASPHALT PATCHES WITHIN CONSTRUCTION LIMITS.

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.
☒	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.						
☒	MOUNTED 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						
☒	CRACK & JOINT REPAIR	L.F.						2550
☒	CRACK & SEAT	S.Y.						

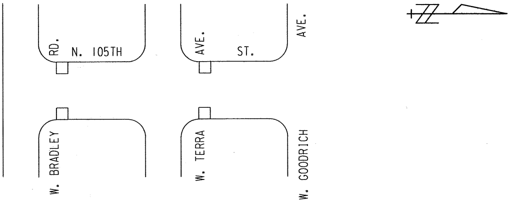
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 471

PLAN OF: N. 105TH ST. (10500W, 8000N)
W. BRADLEY RD. TO W. SYLVIA ST.
THIS SECTION: W. BRADLEY RD. TO W. GOODRICH AVE.

DRAWN BY	JASON BARMAN	DATE: 1/23/13	PROJECT NO.		
DESCRIPTIONS BY	JASON BARMAN	DATE: 1/23/13	ST211130109	SHEET 1 OF 3	
LEVELS BY	ALLEY/BEKELE	DATE: 8/27/12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	73	9
DESIGNED BY	D. GEHRING	DATE: 3/27/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 5/6/13	REVISED: 06/13/13, DPG		
CHECKED BY	WLCAJK/WLATKOWSKI	DATE: 8/13/13	REVISED: 11/6/13 Walk Deleted		
APPROVED BY		DATE: 8/14/13	REVISED:		
FILE: V:\PWELIB\PAVING\29211_NOWALK.FIN					
PLOT DATE: 31-JUL-2013					

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 12	ABANDON- 0
PROJECT IN SEPARATED AREA		



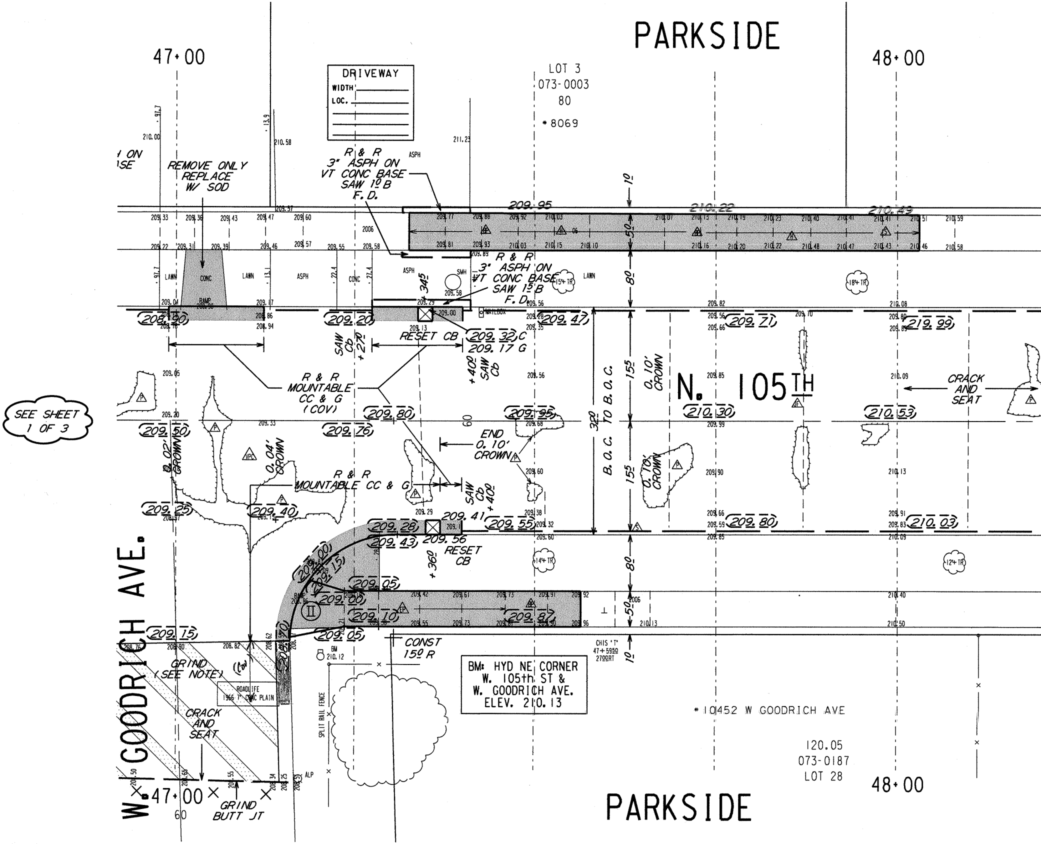
RD.
N. 105TH
AVE.
ST.
AVE.
W. BRADLEY
W. TERRA
W. GOODRICH

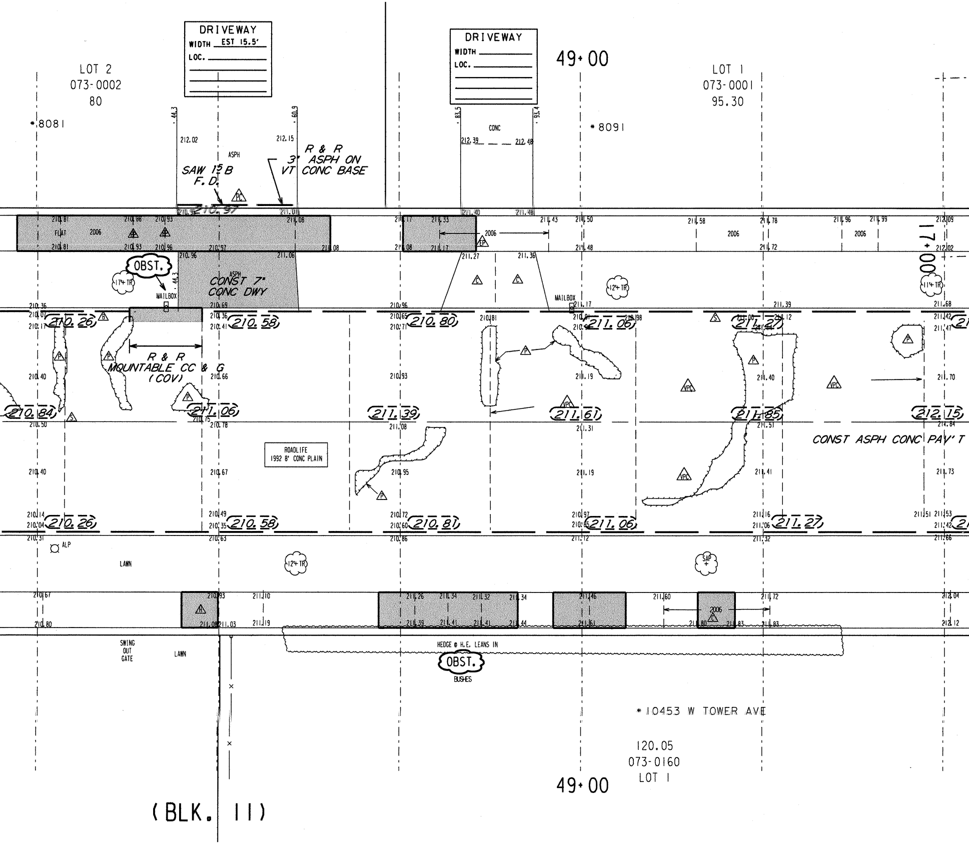
DATE / TO	11/8/13	11/8/13			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
TrafficEng	1				
RM506		15			
PLAN SIZE					

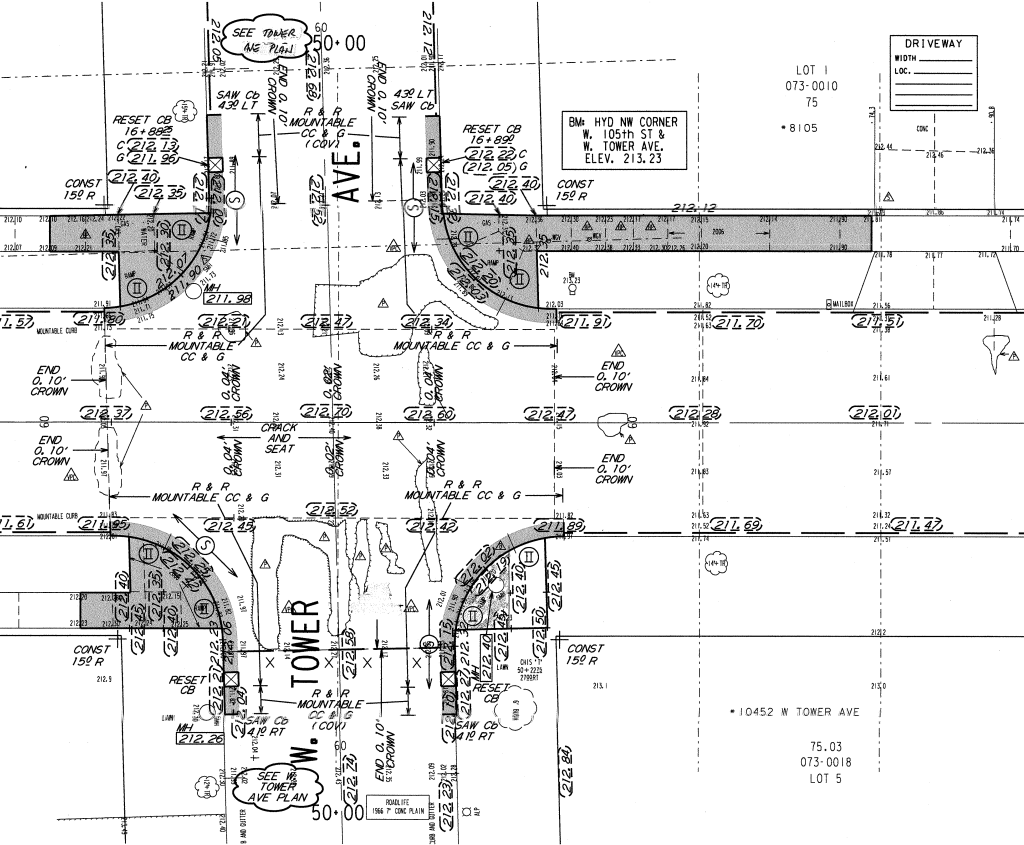
EROSION CONTROL AND C.B. REQUISITION PLAN

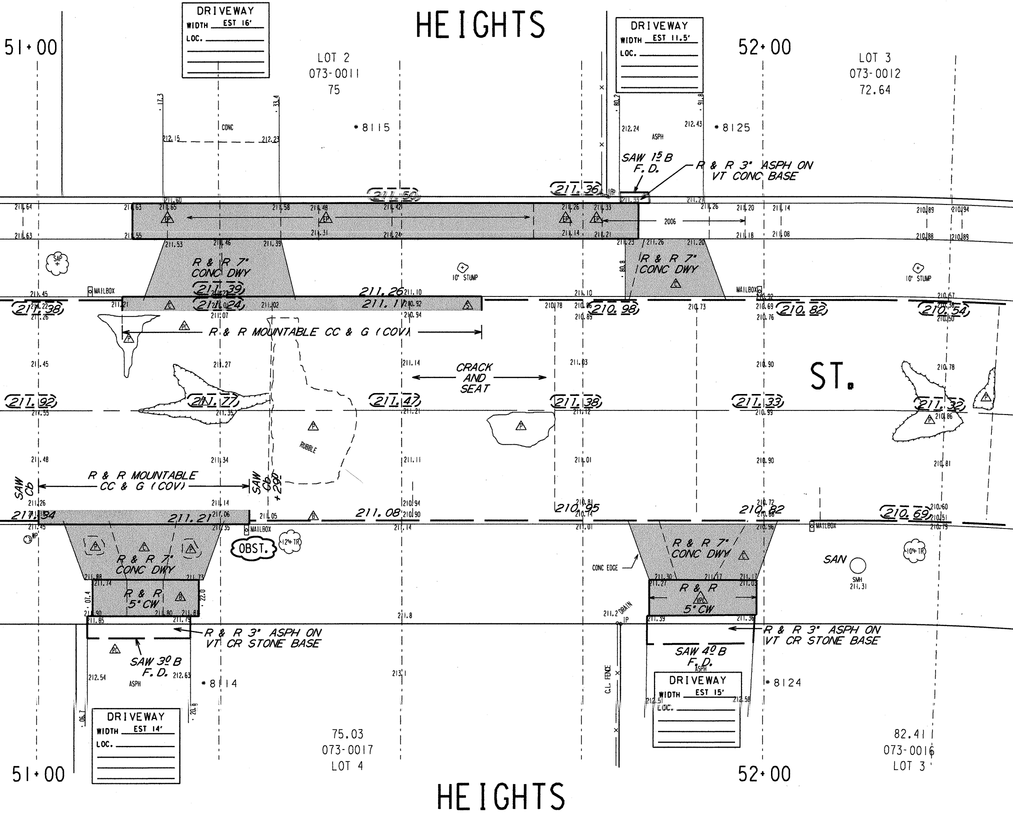
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	∅
THIS SHEET	4	0	4	0	NO WORK
PROJECT TOTAL	12	0	12	0	

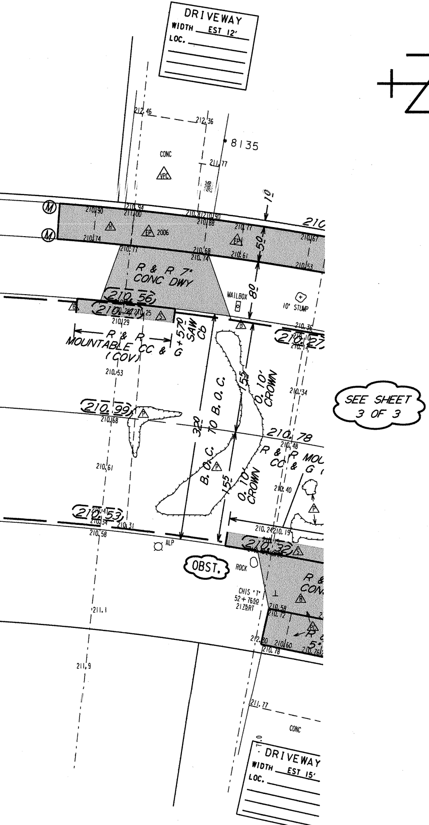
N. 105TH ST. - W. BRADLEY RD. TO W. SYLVIA ST. (1 OF 3)
BRADLEY RD. TO W. GOODRICH AVE. ST211130109 12" X 92" 29211 #

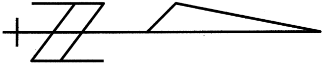

PARKSIDE
47+00
48+00
DRIVEWAY
WIDTH
LOC.
LOT 3
073-0003
80
* 8069
REMOVE ONLY
REPLACE
W/ SOD
R & R
3" ASPH ON
VT CONC BASE
SAW 1º B
F. D.
R & R
3" ASPH ON
VT CONC BASE
SAW 15 B
F. D.
209.95
210.22
210.49
LAWN
CONC
RAMP
ASPH
SMH
MAILBOX
15+ TR
18+ TR
14+ TR
12+ TR
RESET CB
209.32 C
209.17 G
SAW Cb +270
SAW Cb +400
+345
R & R
MOUNTABLE
CC & G
(COV)
R & R
MOUNTABLE CC & G
SAW Cb +400
SEE SHEET
1 OF 3
0.02' CROWN
0.04' CROWN
END
0.10'
CROWN
0.10' CROWN
32
B.O.C. TO B.O.C.
15
80
50
10
N. 105TH
CRACK
AND
SEAT
209.50
209.76
209.80
209.95
209.47
209.71
219.99
210.30
210.53
209.25
209.40
209.28
209.43
209.41
209.55
209.56
209.80
210.03
RESET
CB
+360
209.00
209.15
209.05
209.00
209.10
209.87
209.70
209.15
209.05
209.20
209.20
CONST
15º R
BM
210.12
BM: HYD NE CORNER
W. 105th ST &
W. GOODRICH AVE.
ELEV. 210.13
CHIS 'T'
47+5950
2700RT
GRIND
(SEE NOTE)
(COV)
ROADLIFE
1966 7" CONC PLAIN
CRACK
AND
SEAT
SPLIT RAIL FENCE
ALP
GRIND
BUTT JT
W. GOODRICH AVE.
47+00
60
60
* 10452 W GOODRICH AVE
120.05
073-0187
LOT 28
48+00
PARKSIDE


DRIVEWAY
WIDTH EST 15.5'
LOC.
DRIVEWAY
WIDTH
LOC.
49+00
LOT 2
073-0002
80
LOT 1
073-0001
95.30
*8081
*8091
CONC
ASPH
R & R
3" ASPH ON
VT CONC BASE
SAW 15 B
F.D.
OBST.
MAILBOX
CONST 7"
CONC DWY
R & R
MOUNTABLE CC & G
(COV)
210.26
210.58
210.80
211.06
211.27
210.84
211.06
211.39
211.61
211.85
212.15
210.26
210.58
210.81
211.06
211.27
ROADLIFE
1992 8' CONC PLAIN
CONST ASPH CONC PAV'T
17+00
2006
FLAT
12" TR
17" TR
11" TR
ALP
LAWN
SAP
SWING
OUT
GATE
HEDGE @ H.E. LEANS IN
OBST.
BUSHES
*10453 W TOWER AVE
120.05
073-0160
LOT 1
49+00
(BLK. 11)


SEE TOWER AVE PLAN
60
50+00
DRIVEWAY
WIDTH
LOC.
LOT 1
073-0010
75
*8105
BM: HYD NW CORNER
W. 105th ST &
W. TOWER AVE.
ELEV. 213.23
SAW Cb
43º LT
END 0.10' CROWN
R & R MOUNTABLE CC & G (COV)
AVE.
43º LT SAW Cb
RESET CB
16+88.25
C 212.13
G 211.96
RESET CB
16+89.0
212.22 C
212.05 G
CONST 15º R
212.40
212.35
212.40
212.40
CONST 15º R
212.12
GAS
WATER
RAMP
MH
211.98
2006
MAILBOX
CONC
BM 213.23
14" TR
15" TR
MOUNTABLE CURB
211.57
211.80
212.21
212.47
212.34
211.91
211.70
211.51
R & R MOUNTABLE CC & G
R & R MOUNTABLE CC & G
END 0.10' CROWN
0.04' CROWN
0.02' CROWN
0.04' CROWN
END 0.10' CROWN
212.37
212.56
212.70
212.60
212.47
212.28
212.01
60
CRACK AND SEAT
END 0.10' CROWN
0.04' CROWN
0.02' CROWN
0.04' CROWN
END 0.10' CROWN
R & R MOUNTABLE CC & G
R & R MOUNTABLE CC & G
MOUNTABLE CURB
211.61
211.95
212.45
212.52
212.42
211.89
211.69
211.47
W. TOWER
212.58
CONST 15º R
CONST 15º R
RESET CB
RESET CB
MH
212.26
MH
212.40
CHIS 'T' 50+22.75 27.00 RT
LAWN
LAWN
6' BUSH
SAW Cb 41º RT
SAW Cb 41º RT
R & R MOUNTABLE CC & G (COV)
END 0.10' CROWN
*10452 W TOWER AVE
75.03
073-0018
LOT 5
212.9
213.1
213.0
SEE W. TOWER AVE PLAN
60
50+00
212.74
212.23
212.84
ROADLIFE
1966 7" CONC PLAIN
CURB AND GUTTER
ALP
12" TR
14" TR


HEIGHTS
51+00
52+00
DRIVEWAY
WIDTH EST 16'
LOC.
LOT 2
073-0011
75
DRIVEWAY
WIDTH EST 11.5'
LOC.
LOT 3
073-0012
72.64
*8115
*8125
CONC
ASPH
SAW 1º B
F. D.
R & R 3" ASPH ON
VT CONC BASE
2006
R & R 7"
CONC DWY
R & R 7"
CONC DWY
MAILBOX
10" STUMP
10" STUMP
R & R MOUNTABLE CC & G (COV)
CRACK
AND
SEAT
ST.
RUBBLE
R & R MOUNTABLE
CC & G (COV)
SAW Cb
SAW Cb +290
MAILBOX
OBST.
12" TR
R & R 7"
CONC DWY
R & R
5" CW
CONC EDGE
R & R 7"
CONC DWY
R & R
5" CW
MAILBOX
SAN
SMH
211.31
10" TR
DRAIN
IP
C.L. FENCE
R & R 3" ASPH ON
VT CR STONE BASE
R & R 3" ASPH ON
VT CR STONE BASE
SAW 3º B
F. D.
SAW 4º B
F. D.
*8114
*8124
DRIVEWAY
WIDTH EST 14'
LOC.
DRIVEWAY
WIDTH EST 15'
LOC.
75.03
073-0017
LOT 4
82.41
073-0016
LOT 3
51+00
52+00
HEIGHTS
211.50
211.36
211.39
211.24
211.26
211.11
211.38
210.98
210.82
210.54
211.92
211.77
211.47
211.38
211.33
211.32
211.34
211.21
211.08
210.95
210.82
210.69


DRIVEWAY
WIDTH EST 12'
LOC.
212.46
212.36
CONC
VPC
8135
211.77
2006
10'
M
M
210.90
210.94
211.00
210.81
210.90
210.88
H
EP 2006
210.74
210.77
EP
210.67
210.77
210.68
210.74
210.61
50'
210.53
R & R 7" CONC DWY
210.56
210.25
S
B
210.29
MAILBOX
80'
10" STUMP
B
R & R MOUNTABLE CC & G (COV)
570' SAW Cb
210.36
210.27
210.53
55'
0.10' CROWN
210.34
210.99
210.68
P
32'
TO B.O.C.
B.O.C.
210.78
210.48
R & R CC & G
210.61
P
155'
0.10' CROWN
210.40
P
210.53
210.34
210.31
210.58
210.24
210.19
210.32
S
ALP
OBST.
ROCK
CHIS "T" 52+76.50 212.59 RT
B
210.58
210.72
211.1
212.80
210.60
210.78
211.9
211.77
CONC
DRIVEWAY
WIDTH EST 15'
LOC.
SEE SHEET 3 OF 3



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.

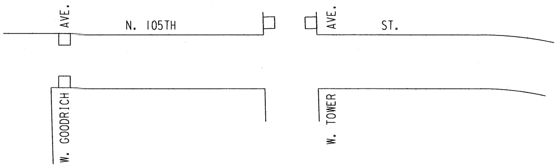
CONDITION OF CONCRETE	
B	BROKEN
BL	BLUE LINED
BP	BACK PITCHED
C	CRACKED
EP	EXCESSIVE PITCH
H	HEAVED
JF	JOINT FAILURE
MJ	MUD JACKED
P	PATCHED
PC	POOR CONDITION
S	SETTLED
SP	SPALLED
VGC	VERY GOOD
VPC	VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
MOBILIZATION	L.S.						
FINISHING ROADWAY	L.S.						
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						

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

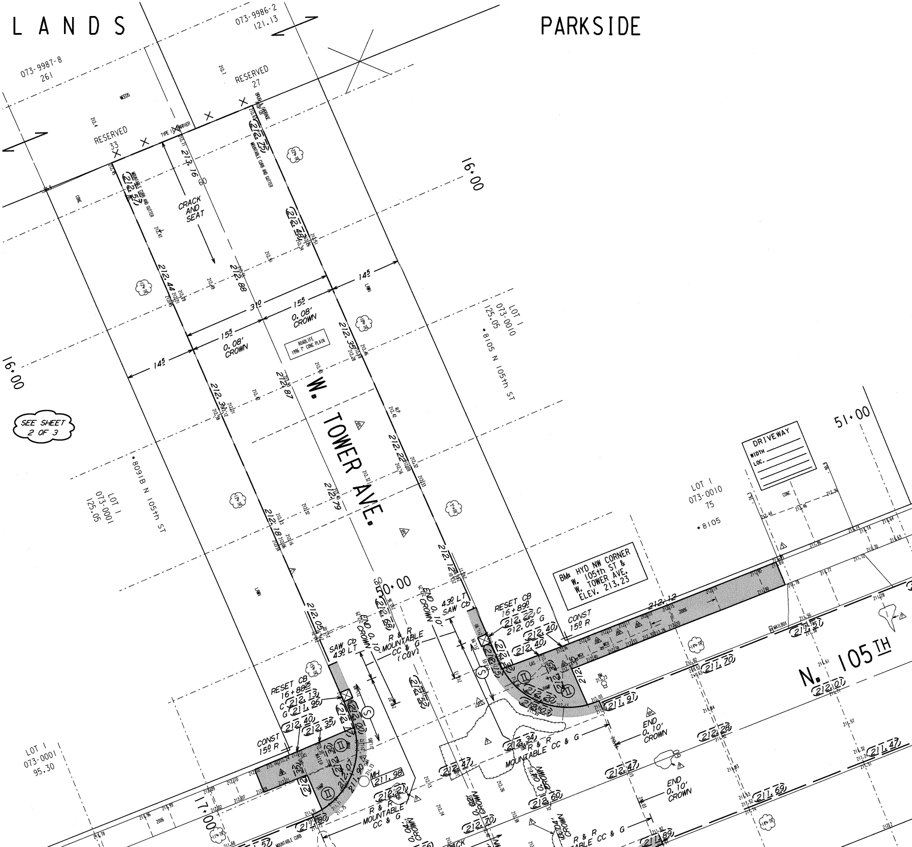
DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN					FILE NO. 472
PLAN OF: N. 105TH ST. (10500W, 8000N)					
W. BRADLEY RD. TO W. SYLVIA ST.					
THIS SECTION: W. GOODRICH AVE. TO 184' NORTH OF W. TOWER AVE.					
DRAWN BY	JASON BARMAN	DATE: 1/23/13	PROJECT NO. ST211130109		SHEET 2 OF 3
DESCRIPTIONS BY	JASON BARMAN	DATE: 1/23/13			
LEVELS BY	ALVEY/SEKELE	DATE: 8/27/12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	73	9
DESIGNED BY	D. GEHRING	DATE: 3/28/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 5/6/13	REVISED: 06/13/13, DPG		
CHECKED BY	WACTAK/ULLAROWSKI	DATE: 8/13/13	REVISED: 11/6/13 Walk Deleted		
APPROVED BY	Robert D. V	DATE: 8/14/13	REVISED:		
FILE: V:\PWELIB\PAVING\29211_NOWALK.FIN					
PLOT DATE: 31-JUL-2013					

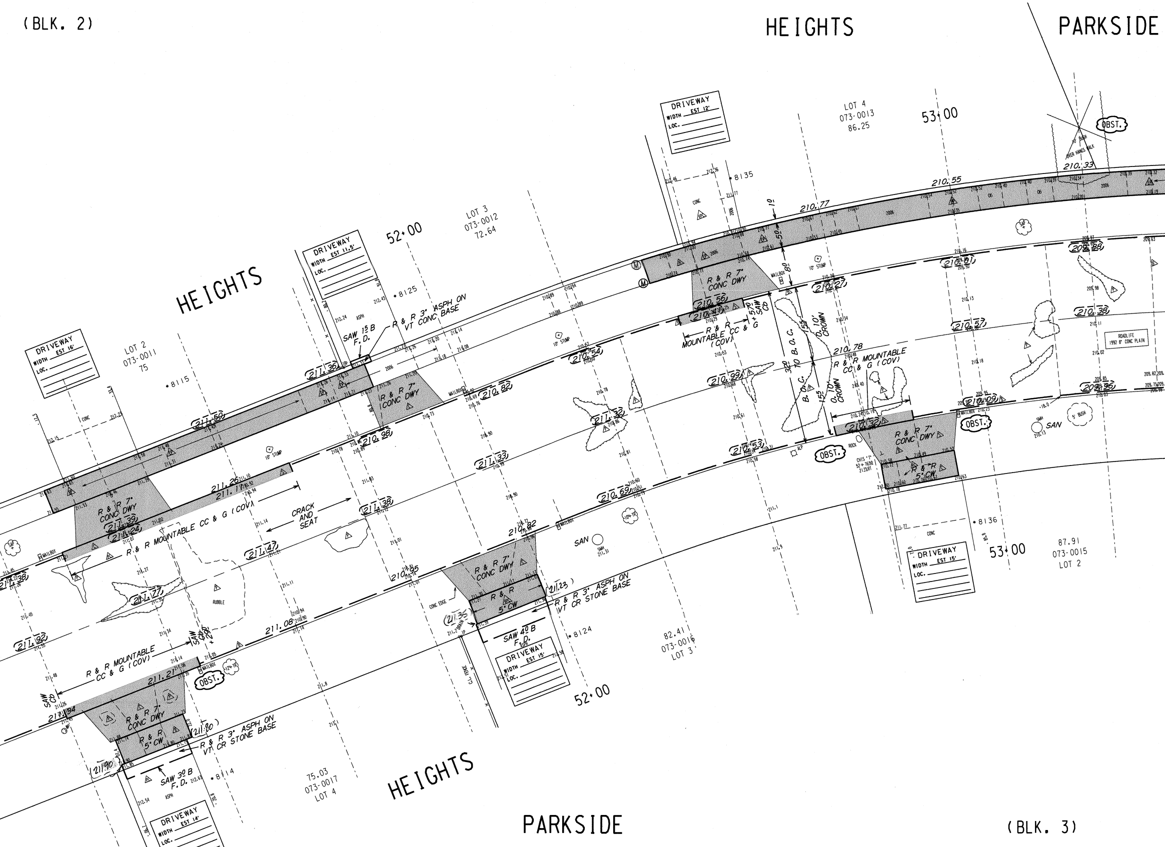

AVE.
N. 105TH
AVE.
ST.
W. GOODRICH
W. TOWER

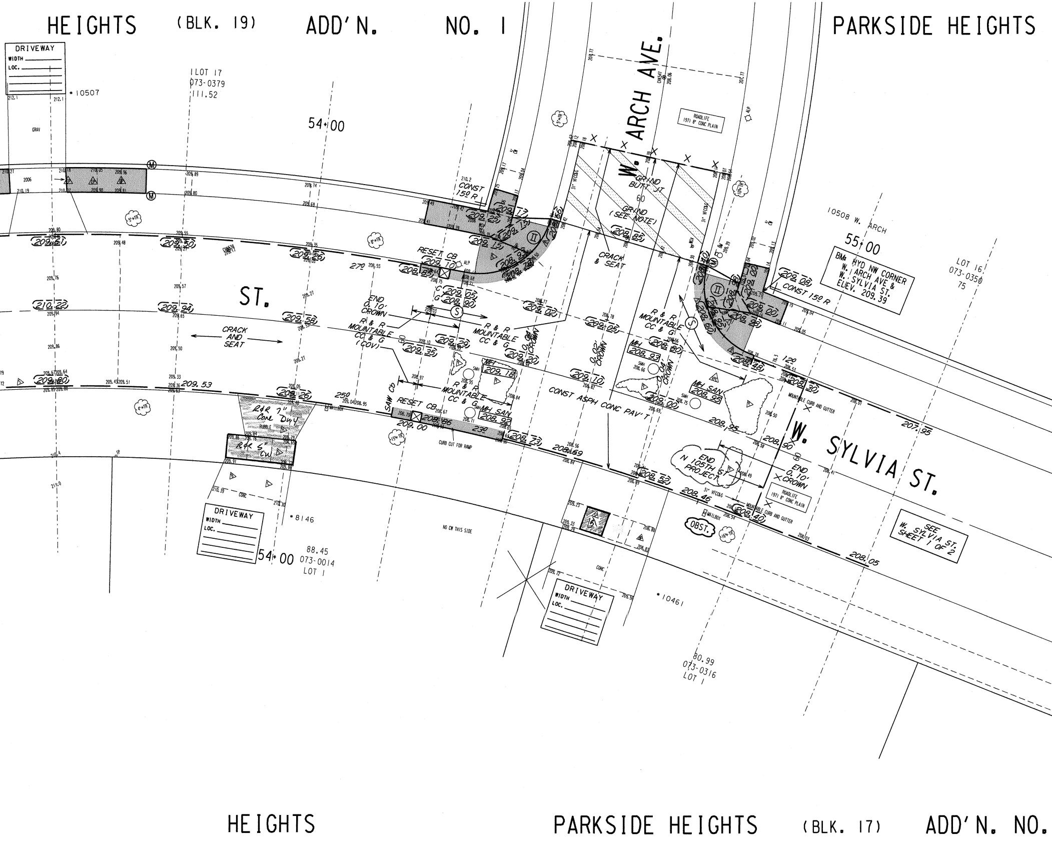
DATE / TO	11/8/13	1/8/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
RM 506		15			
PLAN SIZE					

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☒
THIS SHEET	4	0	4	0	NO WORK


LANDS
PARKSIDE
073-9986-2
121.13
073-9987-8
261
RESERVED
27
RESERVED
33
CRACK AND SEAT
16+00
16+00
51+00
50+00
17+00
W. TOWER AVE.
N. 105TH
LOT 1
073-0010
125.05
*8105 N 105th ST
LOT 1
073-0001
125.05
*8091B N 105th ST
LOT 1
073-0010
75
*8105
LOT 1
073-0001
95.30
SEE SHEET 2 OF 3
DRIVEWAY
WIDTH
LOC.
BM: HYD NW CORNER W. 105th ST & W. TOWER AVE. ELEV. 213.23
0.08' CROWN
0.08' CROWN
14.5
15.5
31.0
15.5
14.5
ROADLIFE 1996 7" CONC PLAIN
MOUNTABLE CURB AND GUTTER
RESET CB 16+89.0 C 212.20 C 212.05 G
RESET CB 16+88.5 C 212.13 G 211.96
CONST 15.0 R
CONST 15.0 R
SAW Cb 43.0 LT
SAW Cb 43.0 LT
END 0.10' CROWN
END 0.10' CROWN
END 0.10' CROWN
END 0.10' CROWN
R & R MOUNTABLE CC & G (CQV)
R & R MOUNTABLE CC & G
R & R MOUNTABLE CC & G
R & R MOUNTABLE CC & G
MH 211.98
MAILBOX
213.16
212.75
212.57
212.48
212.44
212.88
212.35
212.31
212.87
212.22
212.79
212.18
212.12
212.05
212.12
212.40
212.40
212.35
212.01
212.00
211.90
212.34
212.47
212.47
212.28
211.91
211.70
212.07
211.51
211.69
211.47
211.89
211.98


(BLK. 2)
HEIGHTS
PARKSIDE
HEIGHTS
HEIGHTS
PARKSIDE
(BLK. 3)
DRIVEWAY WIDTH EST 16' LOC.
DRIVEWAY WIDTH EST 11.5' LOC.
DRIVEWAY WIDTH EST 12' LOC.
DRIVEWAY WIDTH EST 15' LOC.
DRIVEWAY WIDTH EST 15' LOC.
DRIVEWAY WIDTH EST 14' LOC.
LOT 2 073-0011 75
LOT 3 073-0012 72.64
LOT 4 073-0013 86.25
87.91 073-0015 LOT 2
82.41 073-0016 LOT 3
75.03 073-0017 LOT 4
52+00
53+00
52+00
53+00
•8115
•8125
•8135
•8136
•8124
•8114
SAW 15 B F.D.
R & R 3" ASPH ON VT CONC BASE
R & R 7" CONC DWY
R & R MOUNTABLE CC & G (COV)
CRACK AND SEAT
R & R 7" CONC DWY
R & R MOUNTABLE CC & G (COV)
SAW CD
B. O. C. TO B. O. C. 32'
0.10' CROWN
R & R MOUNTABLE CC & G (COV)
R & R 7" CONC DWY
R & R 5' CW
OBST.
SAN
R & R 7" CONC DWY
R & R 5' CW
R & R 3" ASPH ON VT CR STONE BASE
SAW 4B F.D.
SAN
R & R MOUNTABLE CC & G (COV)
R & R 7" CONC DWY
R & R 5' CW
R & R 3" ASPH ON VT CR STONE BASE
SAW 3B F.D.
OBST.
OBST.
OBST.
RUBBLE
10' STUMP
MAILBOX
ROADLIFE 1992 8" CONC PLAIN
10' BUSH OVER HANGS WALK
C.L. FENCE
CONC EDGE
211.50
211.36
211.26
211.11
211.39
211.24
211.38
211.47
211.77
211.92
211.21
211.94
211.90
211.08
210.95
210.82
211.23
211.33
210.98
210.82
210.54
211.32
210.69
210.77
210.56
210.47
210.27
210.99
210.53
210.52
210.78
210.55
210.33
209.88
210.01
210.38
210.57
209.96
210.09

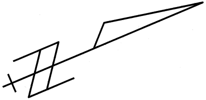

HEIGHTS (BLK. 19) ADD'N. NO. 1
PARKSIDE HEIGHTS
DRIVEWAY WIDTH LOC.
LOT 17 073-0379 111.52
• 10507
54+00
W. ARCH AVE.
ROADLIFE 1971 8" CONC PLAIN
GRIND BUTT JT
60
GRIND (SEE NOTE)
CONST 15' R
10508 W. ARCH
55+00
BM: HYD NW CORNER W. ARCH AVE & W. SYLVIA ST. ELEV. 209.39
LOT 16 073-0350 75
CONST 15' R
CRACK & SEAT
RESET CB
ST.
CRACK AND SEAT
270
END 0.10' CROWN
R & R MOUNTABLE CC & G (COV)
R & R MOUNTABLE CC & G
0.02' CROWN
0.04' CROWN
MH
MH SAN
R & R MOUNTABLE CC & G
CONST ASPH CONC PAV'T
120
MOUNTABLE CURB AND GUTTER
207.95
W. SYLVIA ST.
250
SAW CUT
RESET CB
230
209.00
CURB CUT FOR RAMP
R&R 7" Conc Dwy
RUBBLE
R&R 5" CW
209.53
END N 105TH ST PROJECT
END 0.10' CROWN
ROADLIFE 1971 8" CONC PLAIN
MOUNTABLE CURB AND GUTTER
OBST.
MAILBOX
SEE W. SYLVIA ST. SHEET 1 OF 2
208.05
208.46
DRIVEWAY WIDTH LOC.
• 8146
54+00
88.45 073-0014 LOT 1
NO CW THIS SIDE
• 10461
80.99 073-0316 LOT 1
HEIGHTS
PARKSIDE HEIGHTS (BLK. 17) ADD'N. NO.

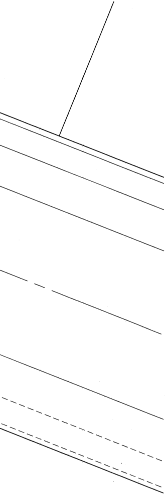
(BLK. 18)

ADD'N. NO. 1

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.*





ESTIMATE /

DESCRIPTION
MOBILIZATION
FINISHING ROADWAY
BARRICADING AND SIGNING
CUTTING
ROADWAY CUTTING
FILLING
ROADWAY FILLING
PAVEMENT REMOVAL
BITUMINOUS SURFACE REMOVAL
CURB &/OR CURB & GUTTER REMOVAL
CONC.WALK &/OR DRIVEWAY REMOVAL
SAWING (FULL DEPTH)
SAWING
TREES CLEARING
TREES GRUBBING
CONCRETE CURB & GUTTER
V.T. CONC.WALK &/OR DRIVEWAY
5" CONCRETE WALK
7" CONCRETE DRIVEWAY
CONCRETE PAVEMENT
7" CONCRETE ALLEY PAVEMENT
V.T. CONCRETE BASE
CONCRETE BASE
TACK COAT
BASE PREP. FOR ASPHALT SURFACE
V.T.ASPH.CONC.PAV'T.(MAX.)
CRUSHED STONE BASE
CRUSHED GRAVEL BASE
GRAVEL FILLING
SODDING
TOPSOIL
PAVEMENT GRINDING (ASPHALT)
PAVEMENT GRINDING (CONCRETE)
SEALING PAV'T JOINTS & CRACKS
MANHOLE RINGS
SEWER FRAME ADJUSTMENT
MANHOLE SEAL (CITY FURNISHED)
EROSION CONTROL (TYPE M)

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

CERTIFICATE QUANTITIES

UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
L.S.						
L.S.						
L.S.						
C.Y.						
C.Y.						
C.Y.						
C.Y.						
S.Y.						
S.Y.						
L.F.						
S.F.						
L.F.						
L.F.						
I.D.						
I.D.						
L.F.						
C.Y.						
S.F.						
S.F.						
S.Y.						
S.Y.						
C.Y.						
S.Y.						
GAL.						
L.S.						
S.Y.						
TON						
S.Y.						
C.Y.						
S.Y.						
S.Y.						
S.Y.						
EACH						
V.F.						
EACH						
EACH						

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

FILE NO. 473

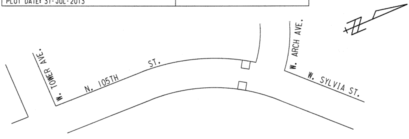
PLAN OF: N. 105TH ST. (10500W, 8000N)

W. BRADLEY RD. TO W. SYLVIA ST.

THIS SECTION: 184' NORTH OF W. TOWER AVE. TO W. SYLVIA ST.

DRAWN BY	JASON BARMAN	DATE: 1/23/13	PROJECT NO. ST211130109		SHEET 3 OF 3
DESCRIPTIONS BY	JASON BARMAN	DATE: 1/23/13			
LEVELS BY	Awey/Bekele	DATE: 8/27/12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	73	9
DESIGNED BY	D. GEHRING	DATE: 3/28/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	S. BIEGANSKI	DATE: 5/6/13	REVISED: 06/13/13, DPG		
CHECKED BY	Waczak/Ulatowski	DATE: 8/13/13	REVISED: 11/6/13 Walk Deleted		
APPROVED BY		DATE: 8/14/13	REVISED:		
FILE: V:\PWELIB\PAVING\29211_NOWALK.FIN					
PLOT DATE: 31-JUL-2013					

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



W. TOWER AVE.
N. 105TH ST.
W. ARCH AVE.
W. SYLVIA ST.

TO \ DATE	11/8/13	1/3/14			
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	1				
RM 506		15			
PLAN SIZE					

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	NO WORK
THIS SHEET	2	0	2	0	

N. 105TH ST. - W. BRADLEY RD. TO W. SYLVIA ST.

184' N OF W. TOWER AVE. TO W SYLVIA ST ST211130109 18" X 104" 29211 # (3 OF 3)