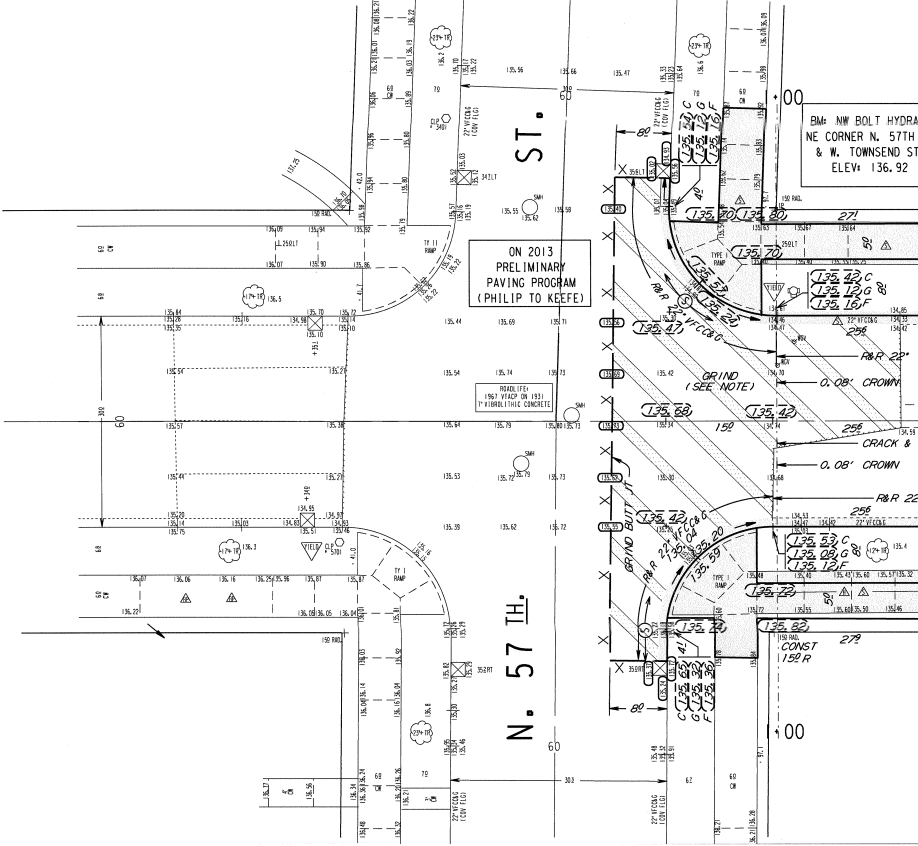
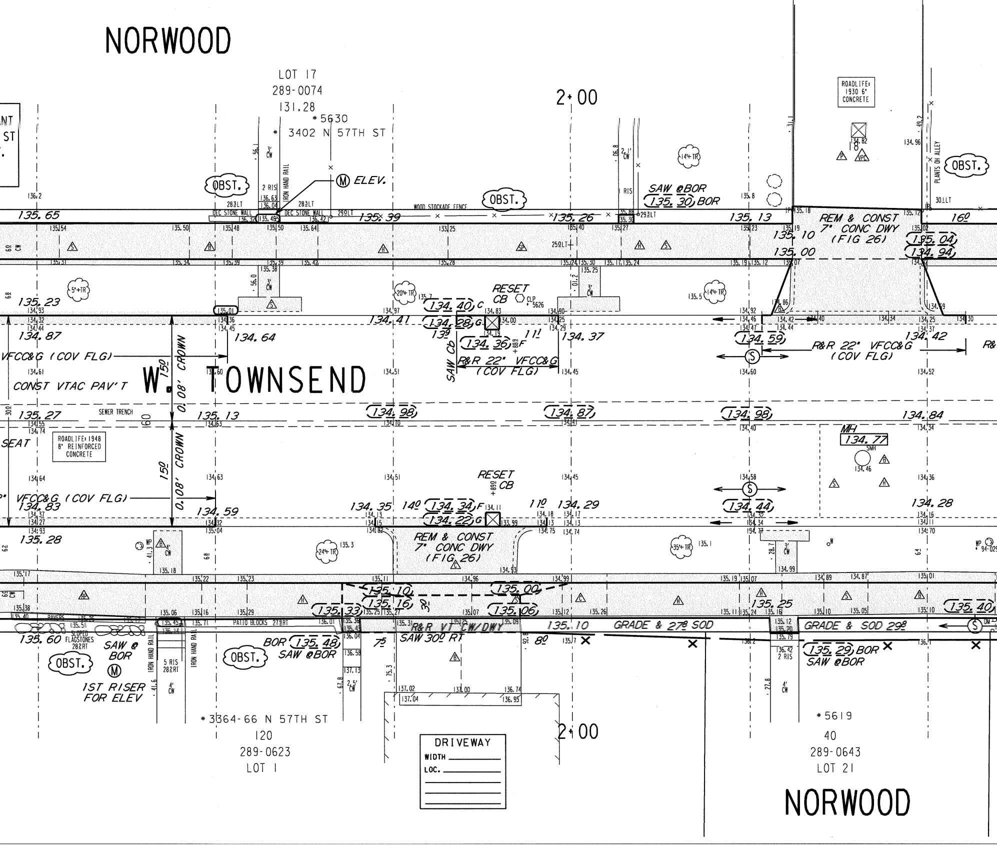
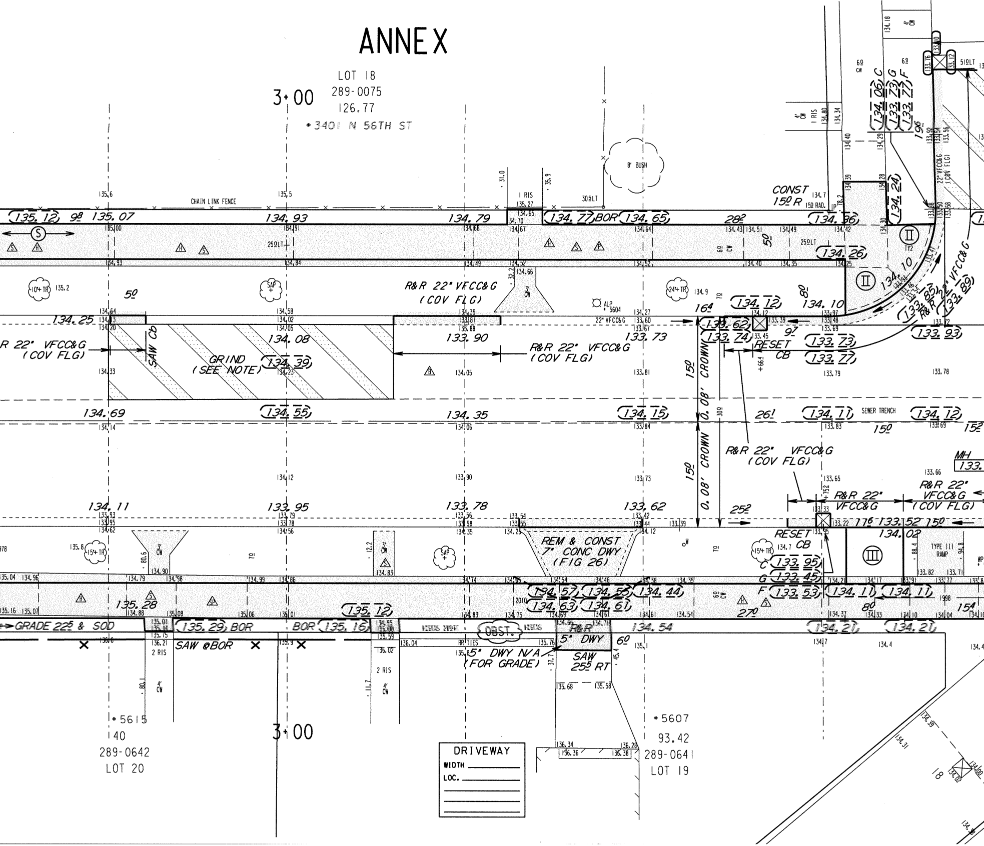
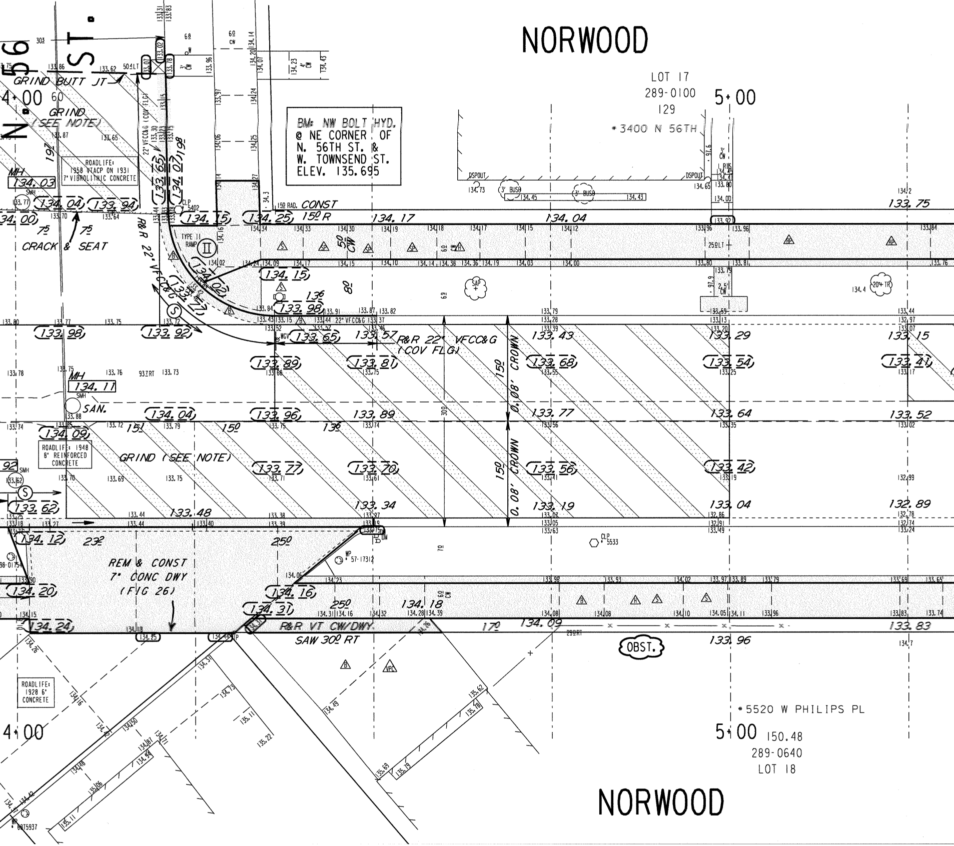
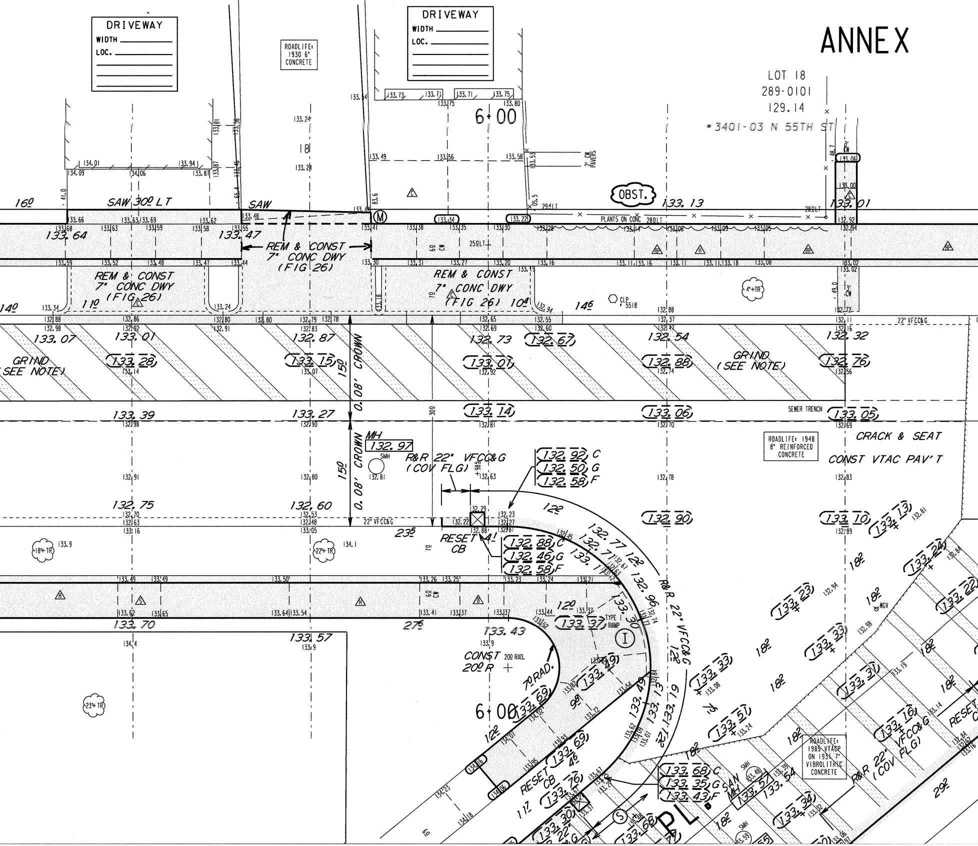
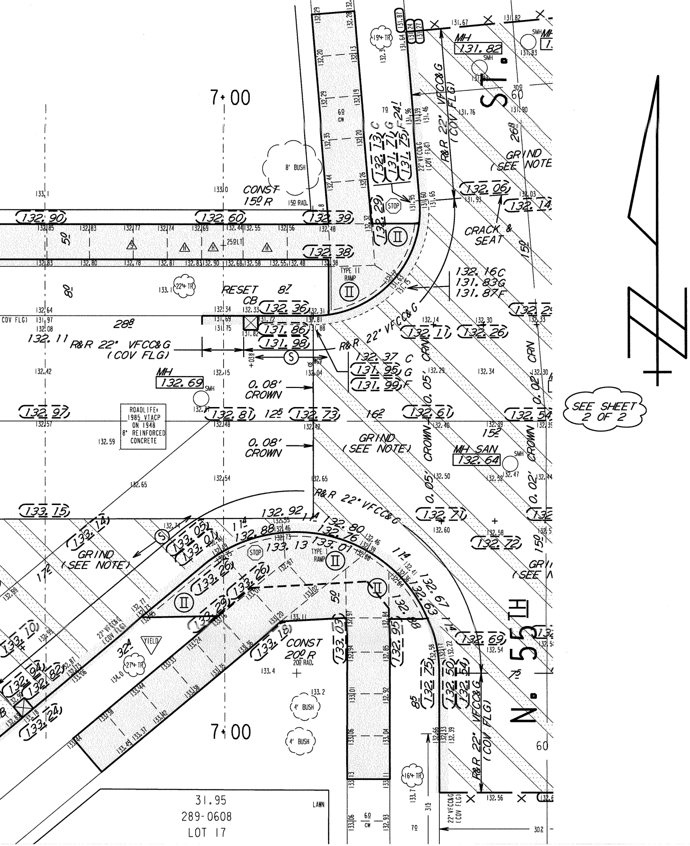

BM: NW BOLT HYDRA
NE CORNER N. 57TH
& W. TOWNSEND ST
ELEV: 136.92
ON 2013
PRELIMINARY
PAVING PROGRAM
(PHILIP TO KEEFE)
ROADLIFE:
1967 VTACP ON 1931
7' VIBROLITHIC CONCRETE
N. 57 TH. ST.
GRIND
(SEE NOTE)
GRIND BUTT JT
0.08' CROWN
0.08' CROWN
CRACK &
R&R 22"
R&R 22
R&R 22" VFCC&G
R&R
22" VFCC&G
22" VFCC&G (COV FLG)
TYPE I RAMP
TY I RAMP
TY II RAMP
YIELD
CLP 3401
CLP 5701
SMH
WGV
15º RAD.
CONST 15º R
+00
+00
347LT
352RT
358LT
359RT
250LT
+351
+340
23"+ TR
17"+ TR
12"+ TR
30º
60
15º
25º
27!
27º
8º
5º
4'
6º CW
7º
6º
4' CW
3' CW
135.70
135.80
135.70
135.57
135.24
135.47
135.68
135.42
135.42
135.59
135.20
135.04
135.74
135.82
135.72
135.42 C
135.12 G
135.16 F
135.53 C
135.08 G
135.12 F
135.54 C
135.12 G
135.16 F
135.65 C
135.32 G
135.36 F
137.25
136.5
136.3
135.4


NORWOOD
LOT 17
289-0074
131.28
*5630
* 3402 N 57TH ST
2+00
ROADLIFE: 1930 6" CONCRETE
OBST.
M ELEV.
2 RIS
IRON HAND RAIL
DEC STONE WALL
WOOD STOCKADE FENCE
SAW @BOR
(135.30) BOR
135.65
135.39
135.26
135.13
REM & CONST 7" CONC DWY (FIG 26)
16⁰
135.10
135.00
(135.04)
(134.94)
PLANTS OH ALLEY
RESET CB
CLP 5626
134.41
(134.40) C
(134.28) G
(134.36) F
SAW CB
135.23
134.87
134.64
134.37
(134.59)
134.42
R&R 22" VFCC&G (COV FLG)
VFCC&G (COV FLG)
CONST VTAC PAV'T
W. TOWNSEND
0.08' CROWN
15⁰
60
SEWER TRENCH
135.27
135.13
(134.98)
(134.87)
(134.98)
134.84
MH
134.77
SMH
ROADLIFE: 1948 8" REINFORCED CONCRETE
SEAT
RESET CB
134.83
134.59
134.35
14⁰
(134.34) F
(134.22) G
11⁰
134.29
(134.44)
134.28
135.28
REM & CONST 7" CONC DWY (FIG 26)
(135.10)
(135.16)
(135.00)
(135.33)
(135.06)
135.25
(135.40)
R&R VT CW/DWY
SAW 30⁰ RT
135.10
GRADE & 27⁸ SOD
GRADE & SOD 29⁸
135.60
SLOPED FLAGSTONES 282RT
PAVERS
PATIO BLOCKS 279RT
SAW @ BOR
1ST RISER FOR ELEV
5 RIS 282RT
BOR (135.48)
SAW @BOR
(135.29) BOR
SAW @BOR
*3364-66 N 57TH ST
120
289-0623
LOT 1
DRIVEWAY
WIDTH
LOC.
2+00
*5619
40
289-0643
LOT 21
NORWOOD


ANNEX
LOT 18
289-0075
126.77
*3401 N 56TH ST
3+00
CHAIN LINK FENCE
8' BUSH
1 RIS
30º LT
25º LT
CONST
15º R
15º RAD.
R&R 22" VFCC&G
(COV FLG)
SAW CB
GRIND
(SEE NOTE)
3' CW
ALP 5604
22" VFCC&G
RESET CB
0.08' CROWN
15º
SEWER TRENCH
MH
TYPE III RAMP
TY2
REM & CONST
7" CONC DWY
(FIG 26)
GRADE 22º & SOD
SAW @BOR
BOR
2 RIS
4' CW
OBST.
R&R
5' DWY
5' DWY N/A
(FOR GRADE)
SAW
25º RT
RR TIES
C
G
F
*5615
40
289-0642
LOT 20
*5607
93.42
289-0641
LOT 19
DRIVEWAY
WIDTH
LOC.
134.93
134.79
134.77
134.65
134.36
134.26
134.25
134.08
134.39
133.90
133.73
134.12
134.10
133.62
133.74
133.73
133.77
133.93
134.69
134.55
134.35
134.15
134.11
134.12
134.11
133.95
133.78
133.62
133.52
134.02
133.95
133.45
133.53
134.57
134.55
134.44
134.63
134.61
135.28
135.12
135.29
135.16
134.54
134.21
135.12
135.07


NORWOOD
N. 56 ST.
LOT 17
289-0100
129
5+00
* 3400 N 56TH
BM: NW BOLT HYD.
@ NE CORNER OF
N. 56TH ST. &
W. TOWNSEND ST.
ELEV. 135.695
GRIND BUTT JT
4+00
GRIND (SEE NOTE)
ROADLIFE: 1958 VTACP ON 1931 7" VIBROLITHIC CONCRETE
22' VFCC&G (COV FLG)
MH
134.03
134.04
133.94
15º RAD. CONST
15º R
134.15
134.25
134.17
134.04
133.75
CRACK & SEAT
R&R 22' VFCC&G
TYPE II RAMP
CLP 5402
134.15
134.02
133.98
133.92
133.98
R&R 22' VFCC&G (COV FLG)
133.65
133.57
133.43
133.29
133.15
133.89
133.81
133.68
133.54
133.41
15º CROWN
0.08' CROWN
MH
134.11
SAN.
134.04
133.96
133.89
133.77
133.64
133.52
134.09
ROADLIFE: 1948 8" REINFORCED CONCRETE
GRIND (SEE NOTE)
133.77
133.70
133.56
133.42
133.62
133.48
133.34
133.19
133.04
132.89
134.12
REM & CONST
7" CONC DWY
(FIG 26)
CLP 5533
WP 57-17312
134.20
134.16
134.31
134.18
134.24
R&R VT CW/DWY
SAW 30º RT
134.09
133.83
133.96
OBST.
ROADLIFE: 1928 6" CONCRETE
4+00
* 5520 W PHILIPS PL
5+00
150.48
289-0640
LOT 18
NORWOOD


ANNEX
LOT 18
289-0101
129.14
*3401-03 N 55TH ST
DRIVEWAY
WIDTH
LOC.
DRIVEWAY
WIDTH
LOC.
ROADLIFE: 1930 6" CONCRETE
6+00
18
2' CW PAVERS
3' CW
OBST.
SAW 30º LT
SAW
16º
133.64
133.47
133.13
133.01
PLANTS ON CONC
29ºLT
28ºLT
25ºLT
REM & CONST 7" CONC DWY (FIG 26)
REM & CONST 7" CONC DWY (FIG 26)
REM & CONST 7" CONC DWY (FIG 26)
11º
10º
14º
14º
CLP 5518
4"+TR
22" VFCC&G
133.07
133.01
132.87
132.73
132.67
132.54
132.32
133.28
133.15
133.01
132.88
132.76
GRIND (SEE NOTE)
GRIND (SEE NOTE)
15º
0.08' CROWN
30º
133.39
133.27
133.14
133.06
133.05
SEWER TRENCH
ROADLIFE: 1948 8" REINFORCED CONCRETE
CRACK & SEAT
CONST VTAC PAV'T
MH 132.97
SMH
R&R 22" VFCC&G (COV FLG)
15º
0.08' CROWN
132.92 C
132.50 G
132.58 F
132.75
132.60
12º
132.90
133.10
133.13
22" VFCC&G
23º
RESET CB
132.88 C
132.46 G
132.58 F
132.77
132.71
132.96
12º
R&R 22" VFCC&G
18"+TR
22"+TR
23"+TR
133.9
134.1
133.70
133.57
27º
133.43
133.37
12º
TYPE I RAMP
133.30
CONST 20º R
20º RAD.
7º RAD.
133.49
133.49
133.13
133.19
133.69
6+00
9º
12º
133.69
RESET CB
133.76
133.46
11º
133.30
133.22
133.68
133.68 C
133.35 G
133.43 F
SAN MH 133.57
133.54
133.33
133.51
133.31
133.23
133.33
133.24
133.22
133.16
133.34
18º
18º
18º
18º
18º
18º
18º
18º
18º
WGV
ROADLIFE: 1985 VTACP ON 1931 7" VIBROLITHIC CONCRETE
R&R 22" VFCC&G (COV FLG)
RESET C
29º
PL
S
M
I


7+00
CONST 15º R
15º RAD.
8' BUSH
19"+ TR
MH 131.82
SMH
ST.
GRIND (SEE NOTE)
CRACK & SEAT
132.16C
131.83G
131.87F
TYPE II RAMP
RESET CB
R&R 22" VFCC&G (COV FLG)
MH 132.69
0.08' CROWN
ROADLIFE: 1985 VTACP ON 1948 8" REINFORCED CONCRETE
0.05' CROWN
0.02' CRN
MH SAN 132.64
STOP
YIELD
27"+ TR
CONST 20º R
20º RAD.
4' BUSH
16"+ TR
N. 55TH
31.95
289-0608
LOT 17
LAWN
SEE SHEET 2 OF 2

NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND PER CITY OF MILWAUKEE SPECIFICAT
- OFFSET MEASUREMENTS TO TREES, WO POLES ARE TAKEN TO EDGE NEAREST
- OFFSET MEASUREMENTS TO HYDRANTS TO THE OPERATING NUT.
- INTERNAL MANHOLE SEALS ARE REQUI MARKED SAN. (SANITARY)
- PROJECT IS DESIGNED TO BE CONSTR PASSES WITH A .08' CROWN IN EACH INTERSECTIONS AS SHOWN.
- REMOVE ALL ASPHALT PATCHES WITHI
- IN AREAS OF GRINDING, GRIND TO A FLANGES, .17' AT BUTT JOINTS AND
- GRADE & PLACE 1.5' WIDTH OF SOD DISTURBED BY CONSTRUCTION UNLESS

DRIVEWAYS
IONS.

OD POLES AND LIGHT
THE CENTERLINE.

ARE TAKEN

RED IN ALL MANHOLES

UCTED IN TWO EQUAL
PASS, REDUCING THROUGH

N LIMITS OF CONSTRUCTION

CHIEVE .12' MINIMUM AT
.21' MINIMUM ELSEWHERE.

IN LAWN AREAS
OTHERWISE DIRECTED

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

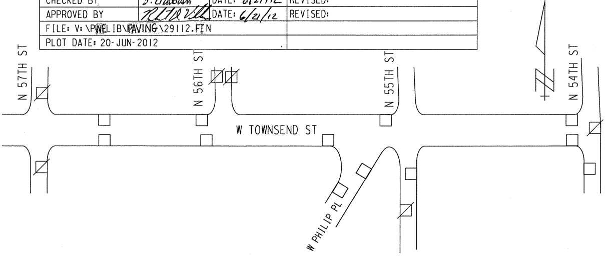
	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
☒	MOBILIZATION	L.S.						
☒	FINISHING ROADWAY	L.S.						
☒	BARRICADING AND SIGNING	L.S.						
☒	CUTTING	C.Y.						
	ROADWAY CUTTING	C.Y.						
☒	FILLING	C.Y.						
	ROADWAY FILLING	C.Y.						
☒	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	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.						
☒	CRACK & SEAT	S.Y.						
	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.(1/4" 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						
☒	JT & CRACK REPAIR	L.F.						410

FILE NO.

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

PLAN OF:	W. TOWNSEND ST.		3400 N, 5400-5700 W		
N. 54TH ST TO N. 57TH ST.					
THIS SECTION: W. PHILIP PL. TO N. 57TH ST.					
DRAWN BY	G GUERRA	DATE: 06/07/12	PROJECT NO.		
DESCRIPTIONS BY	G GUERRA	DATE: 06/07/12	ST211 12 0143	SHEET 1 OF 2	
LEVELS BY	KLINKIEWICZ	DATE: 05/28/11	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	S. CULL	DATE: 04/11/12	1" = 10'	289	10 & 16
DESIGNED BY	S. CULL	DATE: 04/24/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY		DATE:	REVISED:		
CHECKED BY	D. Ulabish	DATE: 6/21/12	REVISED:		
APPROVED BY		DATE: 6/21/12	REVISED:		
FILE: V:\PWELIB\PAVING\29112.FIN					
PLOT DATE: 20-JUN-2012					

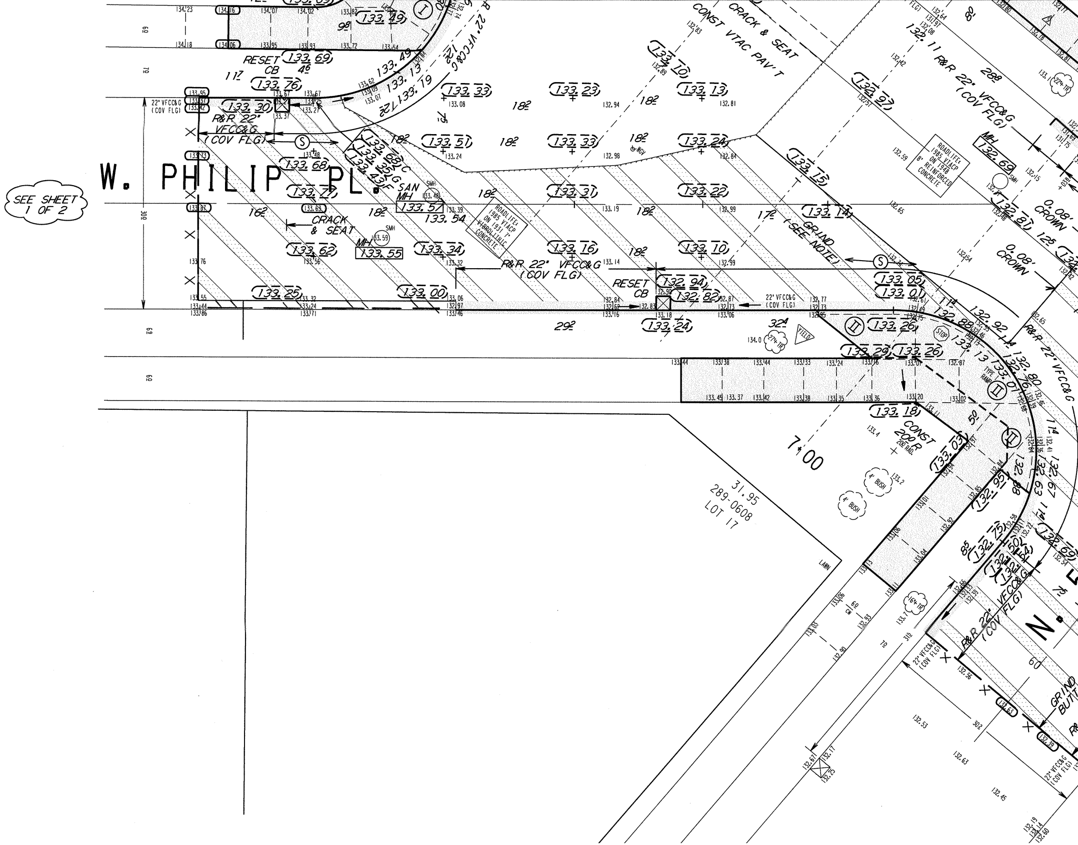
STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 12	ABANDON- 0
PROJECT IN (COMB) (SEPARATED) AREA		

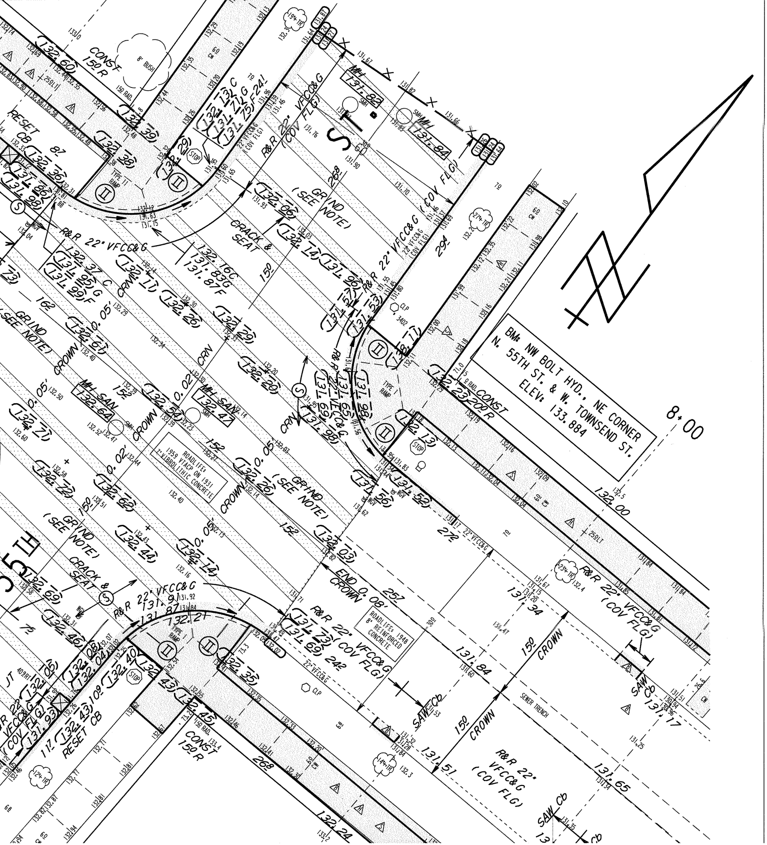

N 57TH ST
N 56TH ST
N 55TH ST
N 54TH ST
W TOWNSEND ST
W PHILIP PL

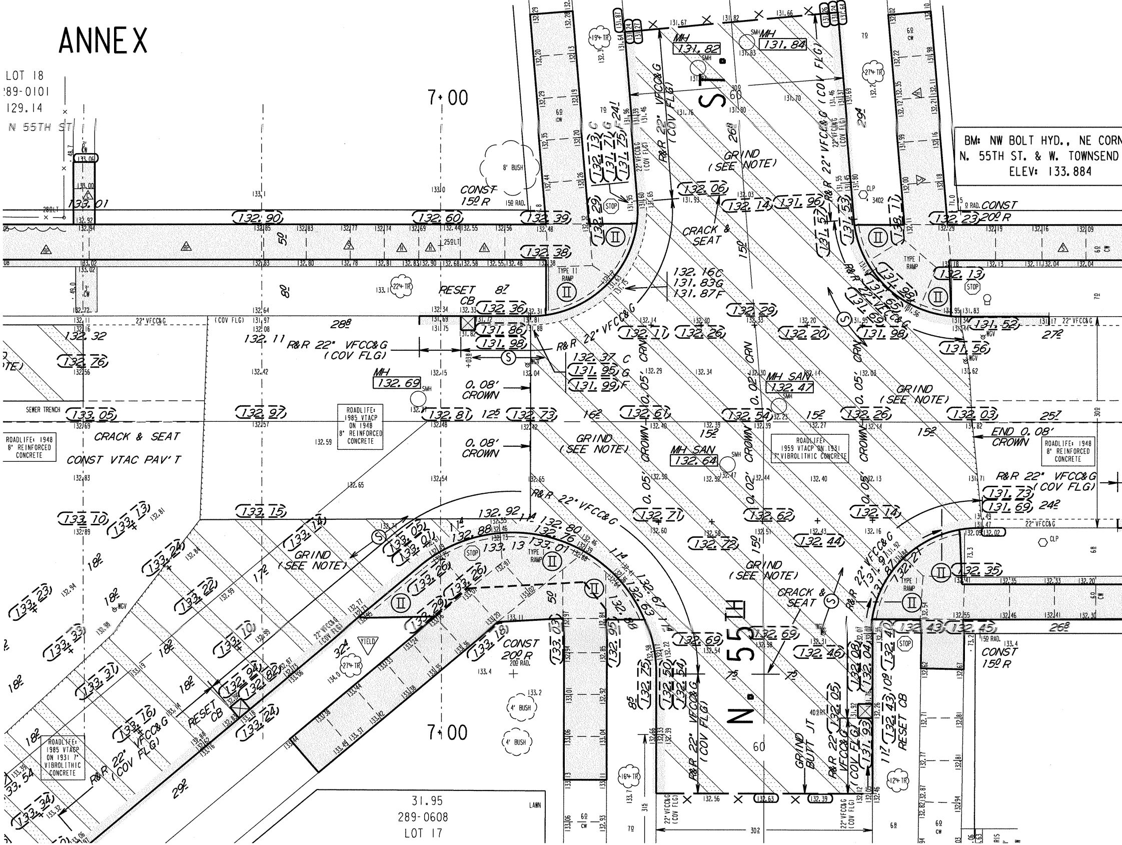
EROSION CONTROL AND C.B. REQUISITION PLAN

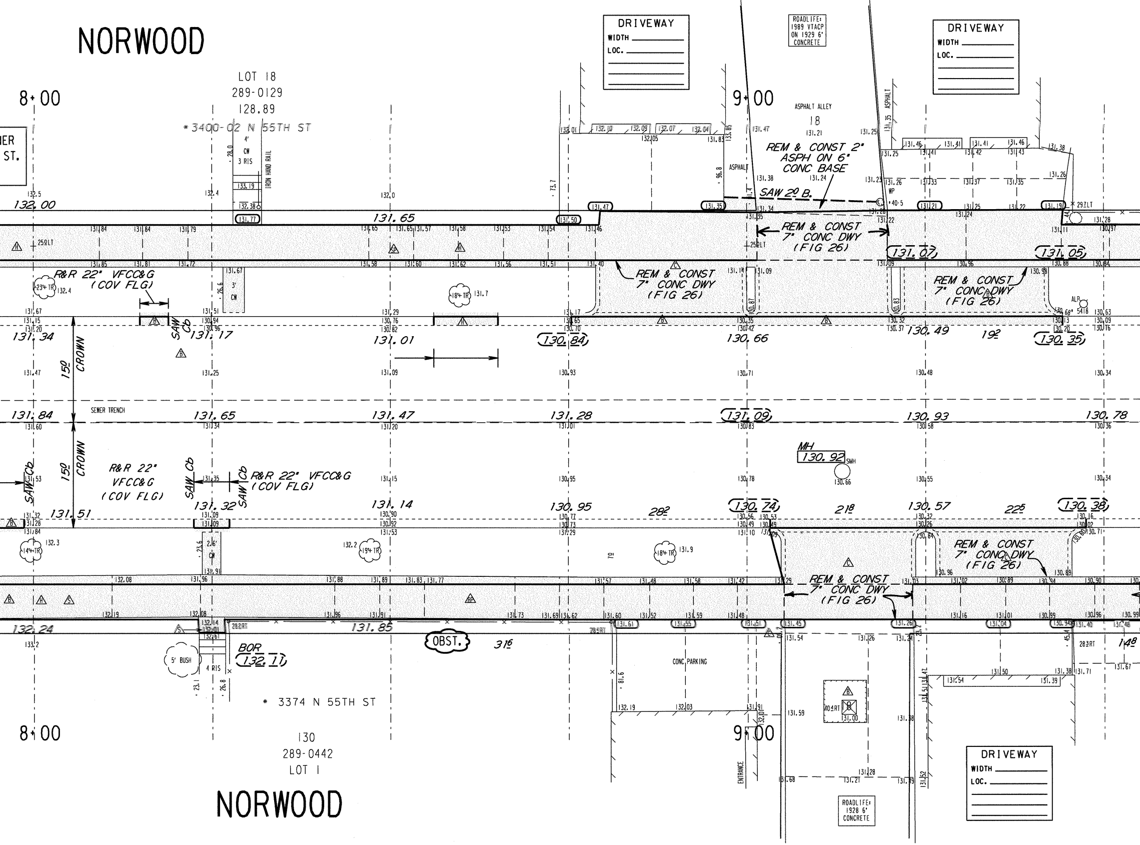
TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	NO WORK
18	0	12	0	

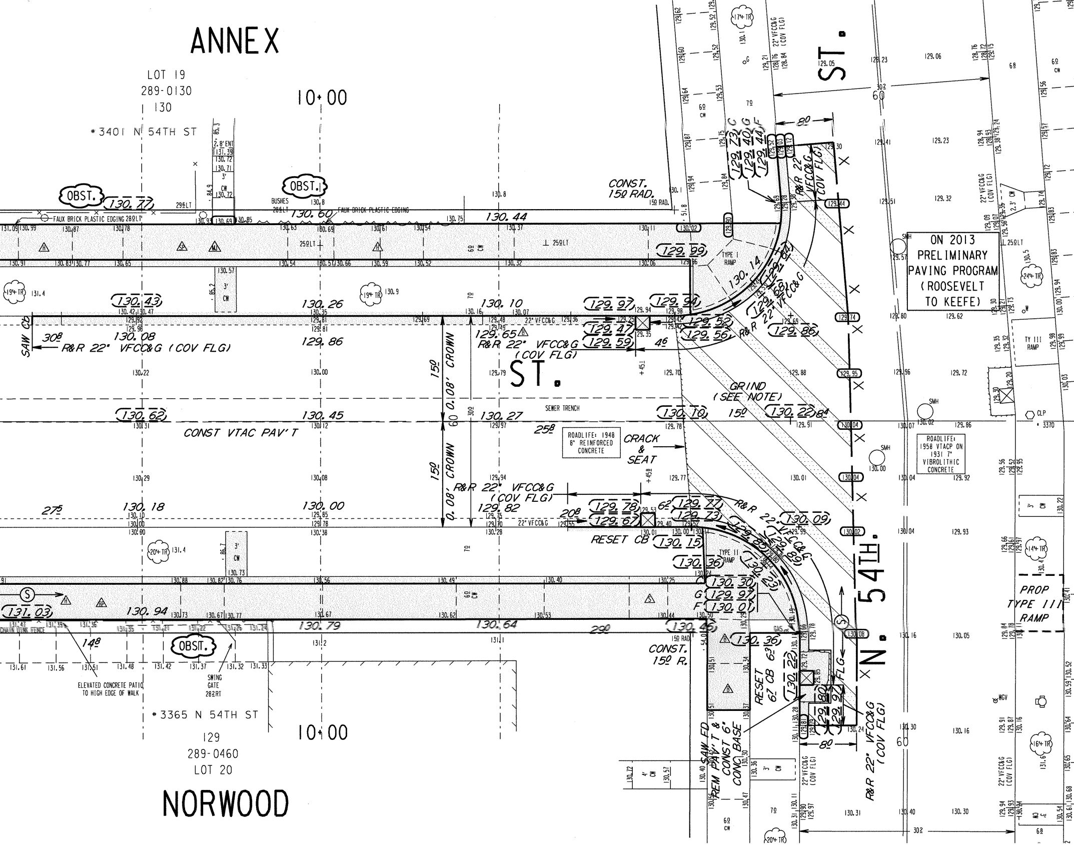
TO \ DATE	6-22-12	7/10/13			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic ENG.	1				
RM 506		15			
PLAN SIZE	12' X 108'				

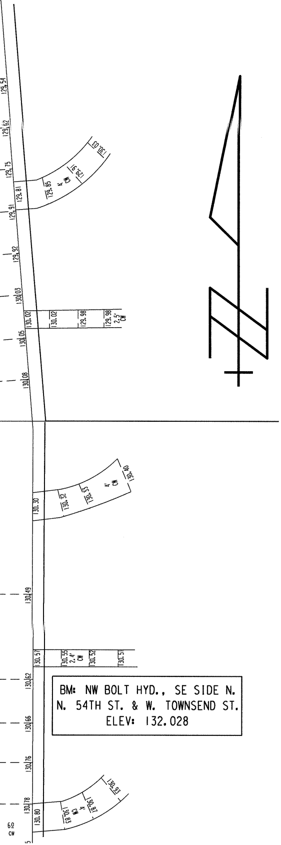

SEE SHEET 1 OF 2
W. PHILIP PL.
RESET CB
R&R 22" VFCC&G (COV FLG)
22" VFCC&G (COV FLG)
CRACK & SEAT
CONST VTAC PAV'T
SAN MH 133.57
MH 133.55
MH 132.69
SMH
ROADLIFE: 1985 VTACP ON 1931 7" +BROLITHIC CONCRETE
ROADLIFE: 1985 VTACP ON 1948 8" REINFORCED CONCRETE
GRIND (SEE NOTE)
0.08' CROWN
0.08' CROWN
YIELD
STOP
TYPE RAMP
CONST 200 R
200 RAD.
7+00
31.95
289-0608
LOT 17
LAWN
4" BUSH
4" BUSH
16"+ TR
22"+ TR
27"+ TR
WV
CW
GRIND BUTT
N.
133.30
133.68
133.77
133.62
133.25
133.00
133.34
133.51
133.33
133.23
133.33
133.31
133.16
132.94
132.82
133.24
133.13
133.24
133.22
133.10
133.10
133.15
133.14
133.05
133.01
133.26
133.29
133.26
133.18
133.03
132.95
132.75
132.97
132.81
132.69
133.69
133.76
133.49
133.13
133.19
133.54
132.92
132.88
133.13
133.07
132.80
132.76
132.88
132.63
132.67
16²
18²
18²
18²
18²
18²
18²
17²
29²
32⁴
11⁷
9⁸
12²
28⁸
11⁴
12⁵
11⁴
5⁰
8⁵
7⁵
60
30²
31²


BM: NW BOLT HYD., NE CORNER
N. 55TH ST. & W. TOWNSEND ST.
ELEV: 133.884
8+00
N
55TH
CONST 150 R
8' BUSH
RESET CB
R&R 22" VFCC&G
R&R 22" VFCC&G (COV FLG)
22" VFCC&G (COV FLG)
GRIND (SEE NOTE)
CRACK & SEAT
CROWN 0.05'
CROWN 0.02'
CRN
MH SAN 132.64
MH SAN 132.47
ROADLIFE: 1959 VIACP ON 1931 7" VIBROLITHIC CONCRETE
ROADLIFE: 1948 8" REINFORCED CONCRETE
TYPE I RAMP
TYPE II RAMP
STOP
CLP
SMH
MH 131.83
MH 131.84
END 0.08' CROWN
SAW CB
SEWER TRENCH
CONST 200 R
132.00
132.24
131.65
131.51
131.84
131.34
131.17
132.16 C
131.83 G
131.87 F
132.37 C
131.95 G
131.99 F
132.60
132.39
132.38
132.36
131.86
131.98
132.06
132.14
131.96
131.53
131.71
132.29
132.20
132.26
132.11
132.61
132.54
132.71
132.72
132.62
132.44
132.14
132.03
132.26
131.98
131.56
131.52
132.23
132.13
131.73
131.69
132.21
131.91
131.87
132.69
132.46
132.08
132.04
132.40
132.43
132.45
132.35
131.93
150
152
162
268
294
272
257
242
109
72
CONST 150 R
27" TR
23" TR
19" TR
14" TR
12" TR


ANNEX
LOT 18
289-0101
129.14
N 55TH ST
7+00
BM: NW BOLT HYD., NE CORN
N. 55TH ST. & W. TOWNSEND
ELEV: 133.884
ST.
60
CONST 15º R
CONST 20º R
CONST 20º R
CONST 15º R
8' BUSH
TYPE II RAMP
TYPE I RAMP
GRIND (SEE NOTE)
CRACK & SEAT
R&R 22" VFCC&G (COV FLG)
R&R 22" VFCC&G
22" VFCC&G (COV FLG)
RESET CB
MH 131.82
MH 131.84
MH 132.69
MH SAN 132.47
MH SAN 132.64
132.16C
131.83G
131.87F
132.37 C
131.95 G
131.99 F
0.08' CROWN
0.08' CROWN
END 0.08' CROWN
0.05' CROWN
0.02' CROWN
CRN
SEWER TRENCH
ROADLIFE: 1948 8" REINFORCED CONCRETE
ROADLIFE: 1985 VTACP ON 1948 8" REINFORCED CONCRETE
ROADLIFE: 1959 VTACP ON 1931 7" VIBROLITHIC CONCRETE
ROADLIFE: 1985 VTACP ON 1931 7" VIBROLITHIC CONCRETE
CRACK & SEAT
CONST VTAC PAV'T
STOP
YIELD
CLP
3402
N. 55TH
GRIND BUTT JT
4' BUSH
LAWN
31.95
289-0608
LOT 17
132.90
132.60
132.39
132.38
133.01
132.36
131.86
131.98
132.97
132.81
132.73
133.05
132.32
132.76
133.15
133.10
133.13
133.14
133.05
133.01
132.92
132.88
132.80
132.76
133.13
133.01
132.06
132.14
131.96
131.57
131.53
136.71
132.23
132.13
131.98
131.63
131.69
131.98
131.52
131.56
132.11
132.26
132.29
132.20
132.61
132.54
132.26
132.03
132.71
132.62
132.14
132.72
132.44
131.73
131.69
132.21
132.35
132.43
132.45
132.69
132.69
132.46
132.05
132.08
132.04
132.40
131.93
132.43
132.75
132.50
132.54
132.95
133.03
133.18
133.26
133.26
133.29
133.24
133.22
133.23
133.33
133.31
133.16
133.10
132.94
132.82
133.24
133.54
133.34
132.63
132.39


NORWOOD
LOT 18
289-0129
128.89
* 3400-02 N 55TH ST
8+00
9+00
DRIVEWAY
WIDTH
LOC.
ROADLIFE: 1989 VTACP ON 1929 6" CONCRETE
ASPHALT ALLEY
18
ASPHALT
REM & CONST 2" ASPH ON 6" CONC BASE
SAW 2" B.
REM & CONST 7" CONC DWY (FIG 26)
4' CW 3 RIS
IRON HAND RAIL
R&R 22" VFCC&G (COV FLG)
SAW Cb
3' CW
18" TR
23" TR
14" TR
19" TR
15' CROWN
SEWER TRENCH
132.00
131.65
131.34
131.17
131.01
130.84
130.66
130.49
130.35
131.07
131.05
131.84
131.65
131.47
131.28
131.09
130.93
130.78
131.51
131.32
131.14
130.95
130.74
130.57
130.38
MH 130.92
SMH
192
282
218
225
316
148
2.6' CW
BOR 132.11
OBST.
5' BUSH
4 RIS
131.85
132.24
CONC PARKING
ENTRANCE
* 3374 N 55TH ST
130
289-0442
LOT 1
NORWOOD
ROADLIFE: 1928 6" CONCRETE
ALP
WP


ANNEX
LOT 19
289-0130
130
*3401 N 54TH ST
10+00
OBST.
OBST.
FAUX BRICK PLASTIC EDGING 289LT
FAUX BRICK PLASTIC EDGING
BUSHES 285LT
CONST. 15º RAD.
15º RAD.
ST.
ST.
SAW CB
30⁸
R&R 22" VFCC&G (COV FLG)
R&R 22" VFCC&G (COV FLG)
15º CROWN 0.08'
15º CROWN 0.08'
SEWER TRENCH
CONST VTAC PAV'T
25⁸
ROADLIFE: 1948 8" REINFORCED CONCRETE
CRACK & SEAT
GRIND (SEE NOTE)
15º
TYPE I RAMP
TYPE II RAMP
22' VFCC&G
R&R 22" VFCC&G (COV FLG)
RESET CB
27⁵
20⁸
6²
4⁶
ON 2013 PRELIMINARY PAVING PROGRAM (ROOSEVELT TO KEEFE)
ROADLIFE: 1958 VTACP ON 1931 7" VIBROLITHIC CONCRETE
SMH
CLP
3370
TY III RAMP
PROP TYPE III RAMP
N. 54TH.
8º
8º
60
60
30²
30²
6º CW
7º
3' CW
2.3' CW
2.8' ENT
259LT
259LT
296LT
OBST.
14⁸
29⁰
CHAIN LINK FENCE
ELEVATED CONCRETE PATIO TO HIGH EDGE OF WALK
SWING GATE 282RT
*3365 N 54TH ST
129
289-0460
LOT 20
10+00
NORWOOD
CONST. 15º R.
RESET 6' CB 6³
SAW ED REM PAV'T & CONST 6" CONC BASE
FLG
R&R 22" VFCC&G (COV FLG)
22" VFCC&G (COV FLG)
4' CW
3' CW
14+ TR
16+ TR
17+ TR
19+ TR
20+ TR
24+ TR
WGV
G
F
C


129.54
129.62
129.75
129.81
129.91
129.92
130.03
130.05
130.08
129.85
4' CW
129.91
130.03
130.02
130.02
129.98
129.98
2.5' CW
130.30
130.32
130.33
4' CW
130.40
130.49
130.57
130.55
2.4' CW
130.52
130.51
130.62
130.66
130.76
130.78
130.80
130.83
4' CW
130.87
130.93
6' CW

BM: NW BOLT HYD., SE SIDE N.
N. 54TH ST. & W. TOWNSEND ST.
ELEV: 132.028

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						

STORM DRAINAGE UNITS

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

FILE NO.

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

PLAN OF: W. TOWNSEND ST. 3400 N, 5400-5700 W
N. 54TH ST TO N. 57TH ST.
THIS SECTION: N. 54TH ST TO W. PHILIP PL.

DRAWN BY	G GUERRA	DATE: 06/07/12	PROJECT NO.
DESCRIPTIONS BY	G GUERRA	DATE: 06/07/12	ST211 12 0143 — SHEET 2 OF 2
LEVELS BY	KLINKIEWICZ	DATE: 05/28/11	SCALE — 1/4 SEC. — ALD.DIST.
LEVELS TRANSF. BY	S. CULL	DATE: 04/11/12	1"=10' — 289 — 10 & 16
DESIGNED BY	S. CULL	DATE: 04/25/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY		DATE:	REVISED:
CHECKED BY	D. Umbach	DATE: 6/21/12	REVISED:
APPROVED BY		DATE: 6/21/12	REVISED:

FILE: V:\PWELIB\PAVING\29112.FIN
PLOT DATE: 20-JUN-2012

DATE / TO	6-22-12	7/10/13			
ESTIMATING	/				
HOLLOW WALKS	/				
PUBLIC HEARING	/				
CONSTRUCTION	/	6			
SEWER	/				
WATER	/				
STREET LIGHTING	/				
BLDG. SEWERS	/				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
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.	/				
Traffic ENG.	/				
RM506		15			
PLAN SIZE	12' X 108'				

EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M

☒ -CBW

☐ -RESET

X -ABANDON

☒ NO WORK

W. TOWNSEND ST - N 54TH ST TO N 57TH ST 12" X 108" # 29112 (2 OF 2)

N 54TH ST TO W PHILIP PL ST211120143