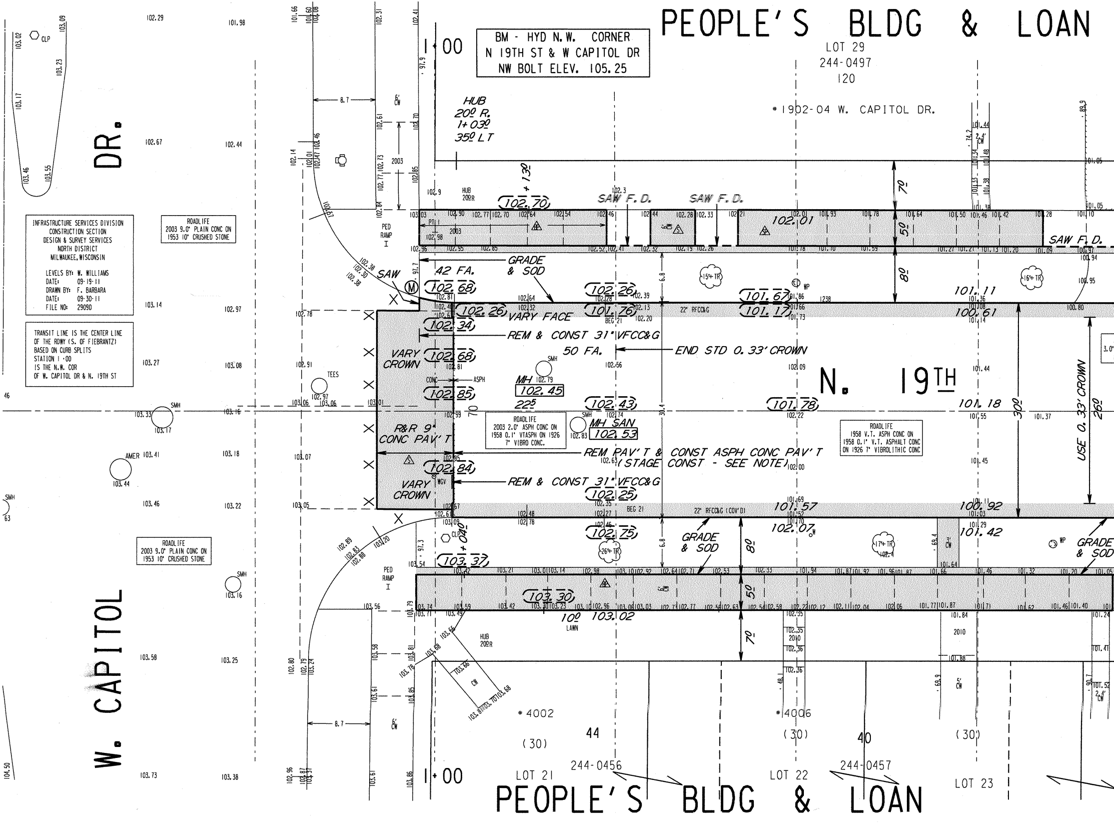


INFRASTRUCTURE SERVICES DIVISION
CONSTRUCTION SECTION
DESIGN & SURVEY SERVICES
NORTH DISTRICT
MILWAUKEE, WISCONSIN

LEVELS BY: W. WILLIAMS
DATE: 09-19-11
DRAWN BY: F. BARBARA
DATE: 09-30-11
FILE NO: 29090

TRANSIT LINE IS THE CENTER LINE
OF THE ROWY (S. OF FIEBRANTZ)
BASED ON CURB SPLITS
STATION 1+00
IS THE N.W. COR
OF W. CAPITOL DR & N. 19TH ST

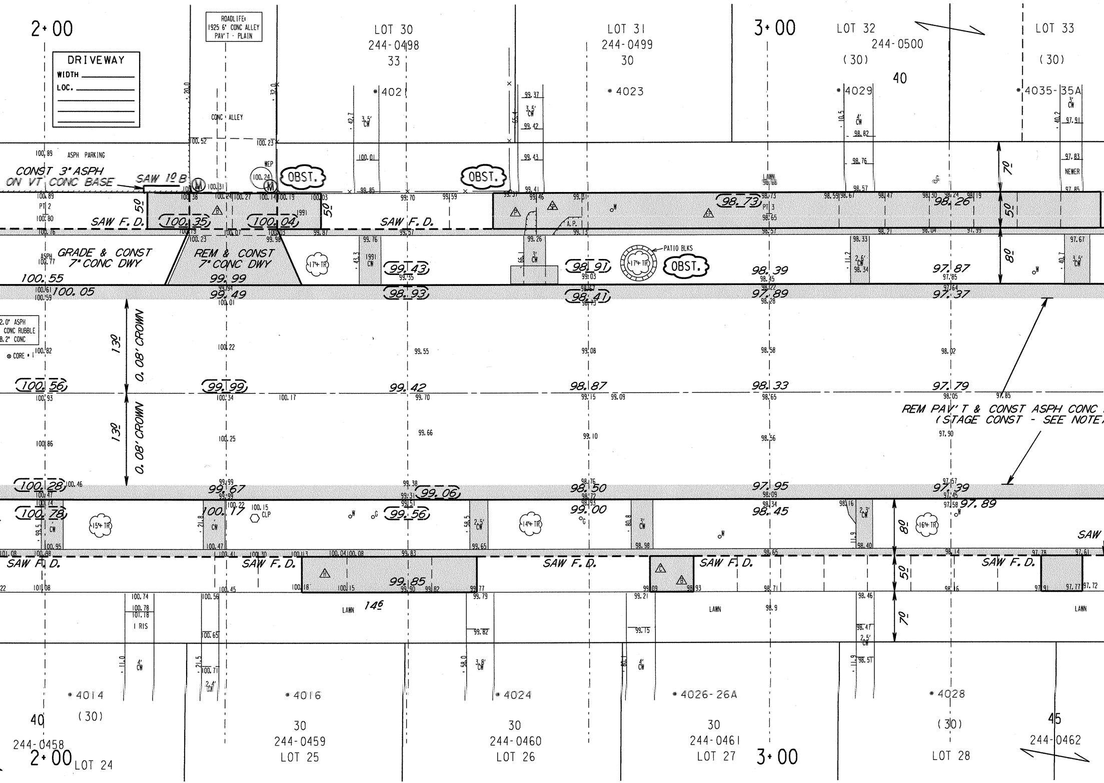
BM - HYD N.W. CORNER
N 19TH ST & W CAPITOL DR
NW BOLT ELEV. 105.25

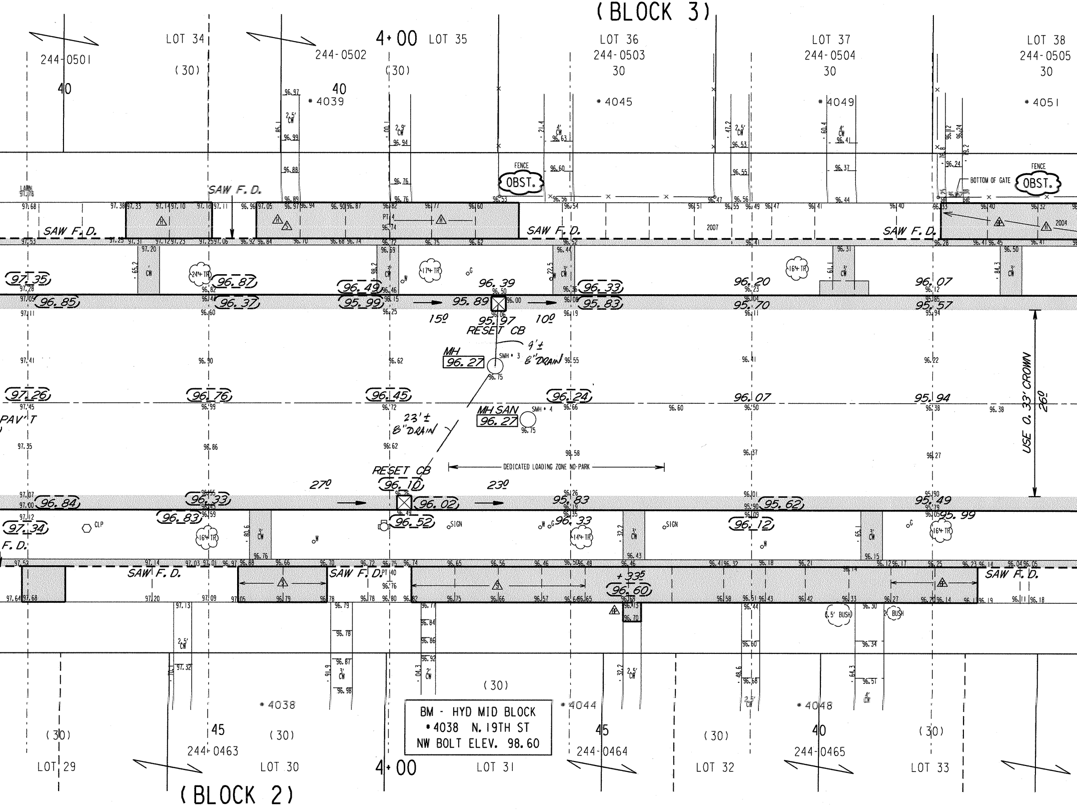
ROADLIFE
2003 9.0" PLAIN CONC ON
1953 10" CRUSHED STONE

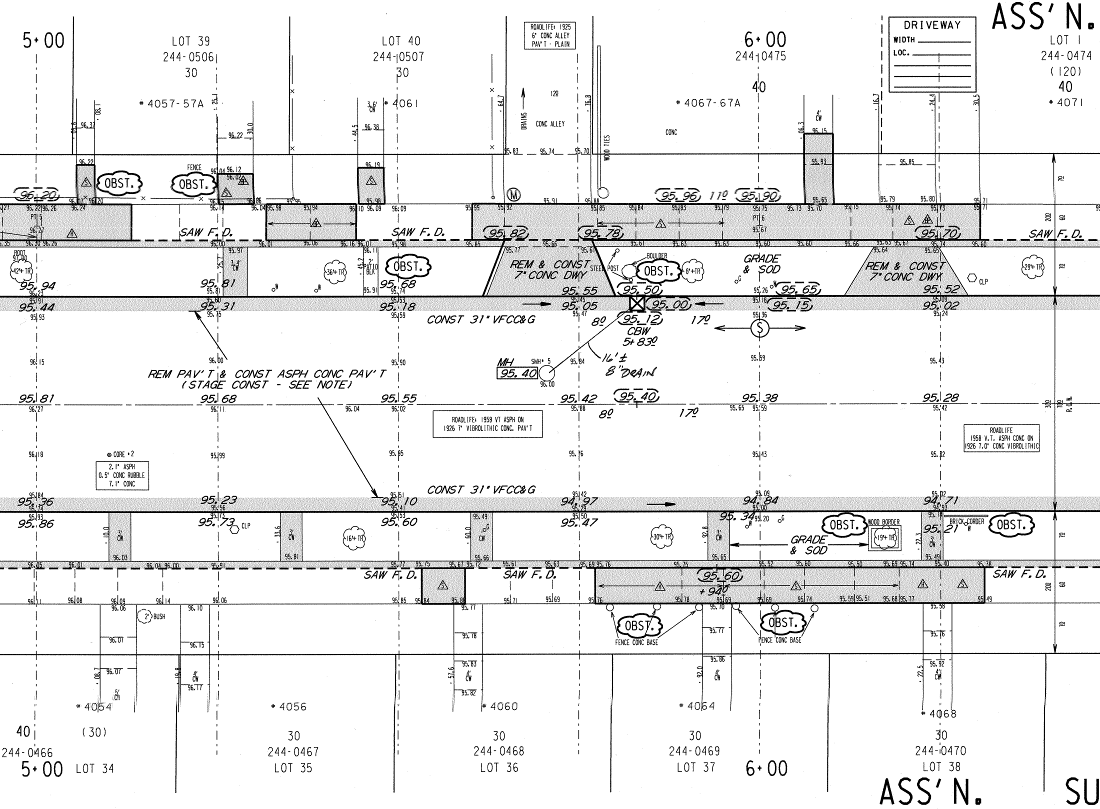
ROADLIFE
2003 2.0" ASPH CONC ON
1958 0.1" VTASPH ON 1926
7" VIBRO CONC.

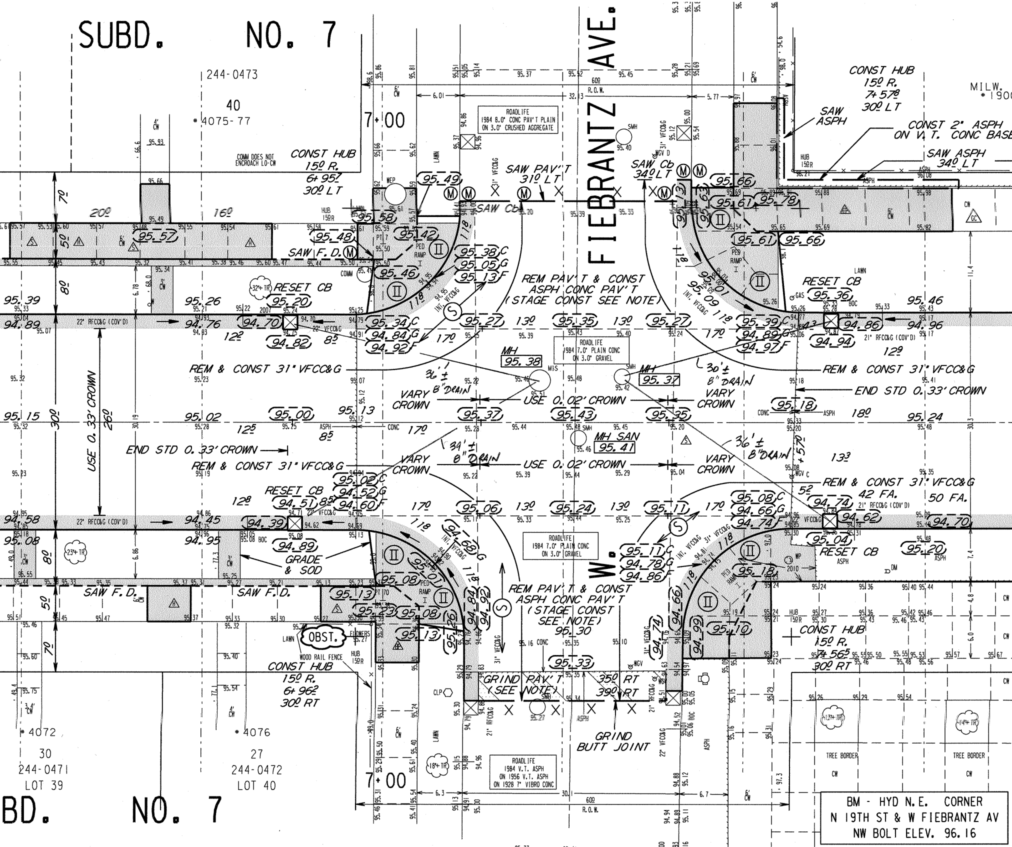
ROADLIFE
1958 V.T. ASPH CONC ON
1958 0.1" V.T. ASPHALT CONC
ON 1926 7" VIBROLITHIC CONC

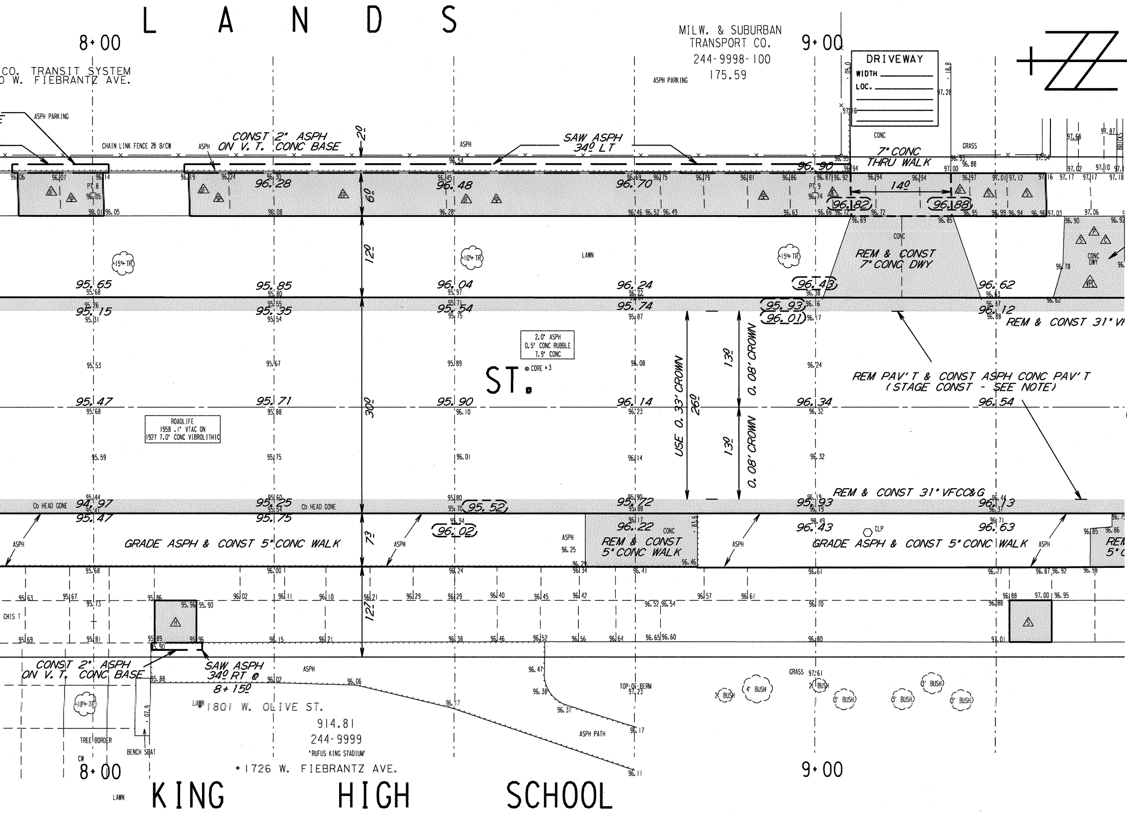
PEOPLE'S BLDG & LOAN
LOT 29
244-0497
120
* 1902-04 W. CAPITOL DR.
W. CAPITOL DR.
N. 19TH
1+00
HUB
20.0 R.
1+03.0
35.0 LT
SAW F.D.
SAW
42 FA.
GRADE & SOD
VARY FACE
REM & CONST 31" VFCC&G
50 FA.
END STD 0.33' CROWN
VARY CROWN
R&R 9" CONC PAV'T
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST - SEE NOTE)
MH 102.79
102.45
225
MH SAN
102.53
USE 0.33' CROWN
22' RFCC&G
22' RFCC&G (COV'D)
BEG 21
PED RAMP
CLP
SMH
AMER
TEES
WP
15" TR
16" TR
17" TR
26" TR
8.7
6' CW
5' CW
3' CW
2.4' CW
70
80
50
300
260
100 LAWN
* 4002
44
(30)
* 4006
40
(30)
(30)
LOT 21
244-0456
LOT 22
244-0457
LOT 23
PEOPLE'S BLDG & LOAN
102.70
102.01
102.68
102.26
102.34
102.68
102.85
102.84
102.25
102.26
101.76
102.43
101.78
101.67
101.17
101.11
100.61
101.18
101.57
102.07
100.92
101.42
102.75
103.37
103.30
103.02


2+00
DRIVEWAY
WIDTH
LOC.
ROADLIFE:
1925 6" CONC ALLEY
PAV'T - PLAIN
CONC ALLEY
LOT 30
244-0498
33
*4021
LOT 31
244-0499
30
*4023
3+00
LOT 32
244-0500
(30)
40
*4029
LOT 33
(30)
*4035-35A
ASPH PARKING
CONST 3" ASPH
ON VT CONC BASE
SAW 1½ B
WEP
OBST.
OBST.
OBST.
PT 2
PT 3
SAW F.D.
SAW F.D.
1991
A.P.
NEWER
LAWN
GRADE & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
17" TR
17" TR
PATIO BLKS
2.0' ASPH
CONC RUBBLE
8.2' CONC
CORE #1
13.0
0.08' CROWN
13.0
0.08' CROWN
REM PAV'T & CONST ASPH CONC
(STAGE CONST - SEE NOTE
70
50
80
80
50
70
100.35
100.04
98.73
98.26
99.43
98.91
98.39
97.87
100.55
100.05
99.99
99.49
98.93
98.41
97.89
97.37
100.56
99.99
99.42
98.87
98.33
97.79
100.28
99.67
99.06
98.50
97.95
97.39
100.78
100.17
99.56
99.00
98.45
97.89
99.85
15" TR
14" TR
16" TR
CLP
SAW
SAW F.D.
SAW F.D.
SAW F.D.
SAW F.D.
SAW F.D.
LAWN
14.0
LAWN
LAWN
I RIS
*4014
40
(30)
244-0458
2+00
LOT 24
*4016
30
244-0459
LOT 25
*4024
30
244-0460
LOT 26
*4026-26A
30
244-0461
LOT 27
3+00
*4028
(30)
LOT 28
45
244-0462


(BLOCK 3)
4+00
LOT 34
LOT 35
LOT 36
LOT 37
LOT 38
244-0501
244-0502
244-0503
244-0504
244-0505
(30)
(30)
30
30
30
40
40
# 4039
# 4045
# 4049
# 4051
FENCE
OBST.
FENCE
OBST.
BOTTOM OF GATE
SAW F. D.
SAW F. D.
SAW F. D.
SAW F. D.
2007
2004
97.35
96.87
96.49
96.39
96.33
96.20
96.07
96.85
96.37
95.99
95.89
95.83
95.70
95.57
15º
10º
95.97
RESET CB
9'±
8" DRAIN
MH
96.27
SMH • 3
97.26
96.76
96.45
96.24
96.07
95.94
MH SAN
96.27
SMH • 4
PAV'T
23'±
8" DRAIN
USE 0.33' CROWN
26º
DEDICATED LOADING ZONE NO-PARK
RESET CB
96.10
27º
23º
96.84
96.33
96.02
95.83
95.62
95.49
96.83
96.52
96.33
96.12
95.99
97.34
CLP
SIGN
SIGN
F. D.
SAW F. D.
SAW F. D.
+33
96.60
SAW F. D.
6.5' BUSH
2' BUSH
(30)
BM - HYD MID BLOCK
# 4038 N. 19TH ST
NW BOLT ELEV. 98.60
# 4038
# 4044
# 4048
45
45
40
(30)
(30)
(30)
(30)
244-0463
244-0464
244-0465
LOT 29
LOT 30
4+00
LOT 31
LOT 32
LOT 33
(BLOCK 2)


5+00
LOT 39
244-0506
30
LOT 40
244-0507
30
ROADLIFE: 1925
6" CONC ALLEY
PAV'T - PLAIN
6+00
244-0475
40
DRIVEWAY
WIDTH
LOC.
ASS'N.
LOT 1
244-0474
(120)
40
# 4057-57A
# 4061
# 4067-67A
# 4071
DRAINS
CONC ALLEY
12º
CONC
WOOD TIES
FENCE
OBST.
OBST.
4' CW
3.6' CW
SAW F. D.
SAW F. D.
SAW F. D.
95.96
11º
95.90
95.82
95.78
95.70
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
GRADE & SOD
BOULDER
STEEL POST
OBST.
OBST.
42" TR
36" TR
8"+TR
29" TR
2' PATIO BLK
3.4' CW
ROOT
CLP
95.94
95.81
95.68
95.55
95.50
95.65
95.52
95.44
95.31
95.18
95.05
95.00
95.15
95.02
CONST 31" VFCC&G
8º
95.12
17º
CBW
5+83º
16' ±
8" DRAIN
MH
SMH# 5
95.40
REM PAV'T & CONST ASPH CONC PAV'T
(STAGE CONST - SEE NOTE)
95.81
95.68
95.55
95.42
95.40
95.38
95.28
8º
17º
ROADLIFE: 1958 VT ASPH ON
1926 7" VIBROLITHIC CONC. PAV'T
ROADLIFE
1958 V.T. ASPH CONC ON
1926 7.0" CONC VIBROLITHIC
R.O.W.
CORE # 2
2.1" ASPH
0.5' CONC RUBBLE
7.1" CONC
CONST 31" VFCC&G
95.36
95.23
95.10
94.97
94.84
94.71
95.86
95.73
95.60
95.47
95.34
95.21
CLP
16" TR
30" TR
19" TR
3' CW
WOOD BORDER
BRICK BORDER
OBST.
OBST.
GRADE & SOD
SAW F. D.
SAW F. D.
SAW F. D.
95.60
+ 94º
OBST.
OBST.
FENCE CONC BASE
FENCE CONC BASE
2" BUSH
4' CW
5' CW
# 4054
# 4056
# 4060
# 4064
# 4068
40
(30)
244-0466
30
244-0467
30
244-0468
30
244-0469
30
244-0470
5+00
LOT 34
LOT 35
LOT 36
LOT 37
6+00
LOT 38
ASS'N.
SU


SUBD. NO. 7
244-0473
40
* 4075-77
W. FIEBRANTZ AVE.
60' R.O.W.
7+00
ROADLIFE 1984 8.0" CONC PAV'T PLAIN ON 3.0" CRUSHED AGGREGATE
ROADLIFE 1984 7.0" PLAIN CONC ON 3.0" GRAVEL
ROADLIFE 1984 7.0" PLAIN CONC ON 3.0" GRAVEL
ROADLIFE 1984 V.T. ASPH ON 1956 V.T. ASPH ON 1928 7" VIBRO CONC
COMM DOES NOT ENCROACH LO-CW
CONST HUB 15.0 R. 6+95.7 30.0 LT
CONST HUB 15.0 R. 7+57.8 30.0 LT
CONST HUB 15.0 R. 6+96.2 30.0 RT
CONST HUB 15.0 R. 7+56.5 30.0 RT
SAW ASPH
CONST 2" ASPH ON V.T. CONC BASE
SAW ASPH 34.0 LT
MILW. * 1900
SAW PAV'T 31.0 LT
SAW Cb 34.0 LT
SAW Cb
SAW F.D.
RESET CB
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST SEE NOTE)
REM & CONST 31" VFCC&G
END STD 0.33' CROWN
USE 0.02' CROWN
VARY CROWN
USE 0.33' CROWN
MH 95.38
MH 95.37
MH SAN 95.41
36' ± 8" DRAIN
30' ± 8" DRAIN
34' ± 8" DRAIN
36' ± 8" DRAIN
42 FA.
50 FA.
GRADE & SOD
OBST.
WOOD RAIL FENCE
GRIND PAV'T (SEE NOTE)
35.0 RT
39.0 RT
GRIND BUTT JOINT
22" RFCC&G (COV'D)
21" RFCC&G (COV'D)
INT. VFCC&G
PED RAMP
TREE BORDER
LAWN
* 4072
30
244-0471
LOT 39
* 4076
27
244-0472
LOT 40
BD. NO. 7
BM - HYD N.E. CORNER
N 19TH ST & W FIEBRANTZ AV
NW BOLT ELEV. 96.16


L A N D S
8+00
9+00
CO. TRANSIT SYSTEM
D W. FIEBRANTZ AVE.
MILW. & SUBURBAN
TRANSPORT CO.
244-9998-100
175.59
ASPH PARKING
DRIVEWAY
WIDTH
LOC.
CHAIN LINK FENCE 2º B/CW
CONST 2" ASPH
ON V.T. CONC BASE
SAW ASPH
34º LT
7" CONC
THRU WALK
14º
CONC
GRASS
BRICKS
REM & CONST
7" CONC DWY
CONC DWY
LAWN
15"+ TR
10"+ TR
2.0" ASPH
0.5' CONC RUBBLE
7.9" CONC
CORE #3
ST.
ROADLIFE
1958 .1" VTAC ON
1927 7.0" CONC VIBROLITHIC
USE 0.33' CROWN
0.08' CROWN
13º
26º
30º
12º
6º
7³
12⁷
REM & CONST 31" V
REM PAV'T & CONST ASPH CONC PAV'T
(STAGE CONST - SEE NOTE)
REM & CONST 31" VFCC&G
Cb HEAD GONE
GRADE ASPH & CONST 5" CONC WALK
REM & CONST
5" CONC WALK
ASPH
CLP
CHIS T
CONST 2" ASPH
ON V.T. CONC BASE
SAW ASPH
34º RT @
8+15º
TREE BORDER
BENCH SEAT
CW
LAWN
* 1801 W. OLIVE ST.
914.81
244-9999
"RUFUS KING STADIUM"
* 1726 W. FIEBRANTZ AVE.
TOP OF BERM
ASPH PATH
GRASS
2' BUSH
4' BUSH
3' BUSH
KING HIGH SCHOOL
95.65
95.85
96.04
96.24
96.43
96.62
95.15
95.35
95.54
95.74
95.93
96.01
96.12
95.47
95.71
95.90
96.14
96.34
96.54
94.97
95.25
95.52
95.72
95.93
96.13
95.47
95.75
96.02
96.22
96.43
96.63
96.28
96.48
96.70
96.90
96.82
96.88

SEE SHEET 2 OF 2

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.*
- *IN GRINDING AREAS,*
  GRIND TO OBTAIN 0.12' MIN. DEPTH AT CURB FLANGES, 0.17' MIN. AT BUTT JOINTS, AND 0.21' MIN. ELSEWHERE.
- *GRADE & SOD ENTIRE AREA BETWEEN CURB & WALK.*
- *GRADE & PLACE 1.5' WIDTH TOPSOIL AND SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, OR AS OTHERWISE DIRECTED.*
- *ANY TREES TO BE REMOVED AS PART OF THIS CONTRACT WILL BE NOTED IN THE CONTRACT SPECIAL PROVISIONS.*
- *INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).*
- *PROJECT IS DESIGNED FOR STANDARD 26-FOOT WIDTH PAVEMENT POUR WITH 0.33' (4-INCH) CROWN. IF CONSTRUCTED IN HALVES, USE 0.08' CROWN EACH.*
- *PROJECT HAS SECTIONS OF VARIABLE FACE CURB, AS SHOWN.*
- *REDUCE PUBLIC WALK WIDTH TO 5 FT.*
  IN BLOCK BETWEEN W. CAPITOL DR. &
  W. FIEBRANTZ AVE.; NOTE FULL DEPTH SAW.
- *STATION 1+00 IS THE NW ROW CORNER IN N. 19TH ST. AND W. CAPITOL DR. -*
  STATIONS ARE MONUMENTED WITH CHISELED "T"S AT EVERY 100 FT STATION AT FOLLOWING OFFSETS:
  25FT LEFT OF 19TH ST. C/L BETWEEN
  STA'S 1+00 & 7+00
  30FT LEFT OF 19TH ST. C/L BETWEEN
  STA'S 8+00 & 16+00
- *NEW ASPHALTIC CONCRETE PAVEMENT (STAGE CONSTRUCTION) SHALL CONSIST OF:*
  1 1/2" ASPH CONC PAV'T ON
  3" ASPH CONC PAV'T ON
  6" CRUSHED STONE BASE

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

	DESCRIPTION	UNIT	ASSESS.	X-ING	
☒	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.			
☒	31" 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.			
☒	6" 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				
☒	3" CRUSHED GRAVEL BASE	S.Y.			
☒	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			

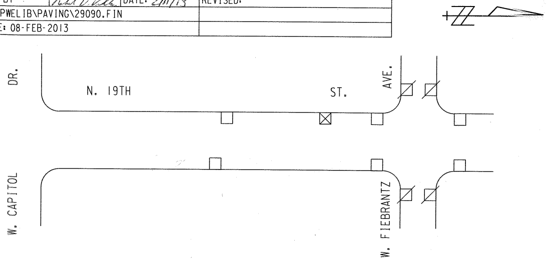
QUANTITIES

		PLAN TOT.	PROJ.TOT.

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN					FILE NO. 1582
PLAN OF:	N. 19TH ST.		(4000N, 1900W)		
W. CAPITOL DR. TO W. OLIVE ST.					
THIS SECTION: 175' NORTH OF W. FIEBRANTZ AVE. TO W. CAPITOL DR.					
DRAWN BY	G. GUERRA	DATE: 01/17/13	PROJECT NO. ST211120121		SHEET 1 OF 2
DESCRIPTIONS BY		DATE:			
LEVELS BY	W. WILLIAMS	DATE: 09/12/11	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	244	1
DESIGNED BY	B. PLAUMANN	DATE: 10/29/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B. MATHENY	DATE: 01/24/13	REVISED: 1/9/14 STORM DRAIN ADDED		
CHECKED BY	D. Ulatowsh	DATE: 2/8/13	REVISED:		
APPROVED BY		DATE: 2/11/13	REVISED:		
FILE: V:\PWELIB\PAVING\29090.FIN					
PLOT DATE: 08-FEB-2013					

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W. - 2	RESET- 10	ABANDON- 0
PROJECT IN SEPARATED AREA		


DR.
N. 19TH
ST.
AVE.
W. CAPITOL
W. FIEBRANTZ

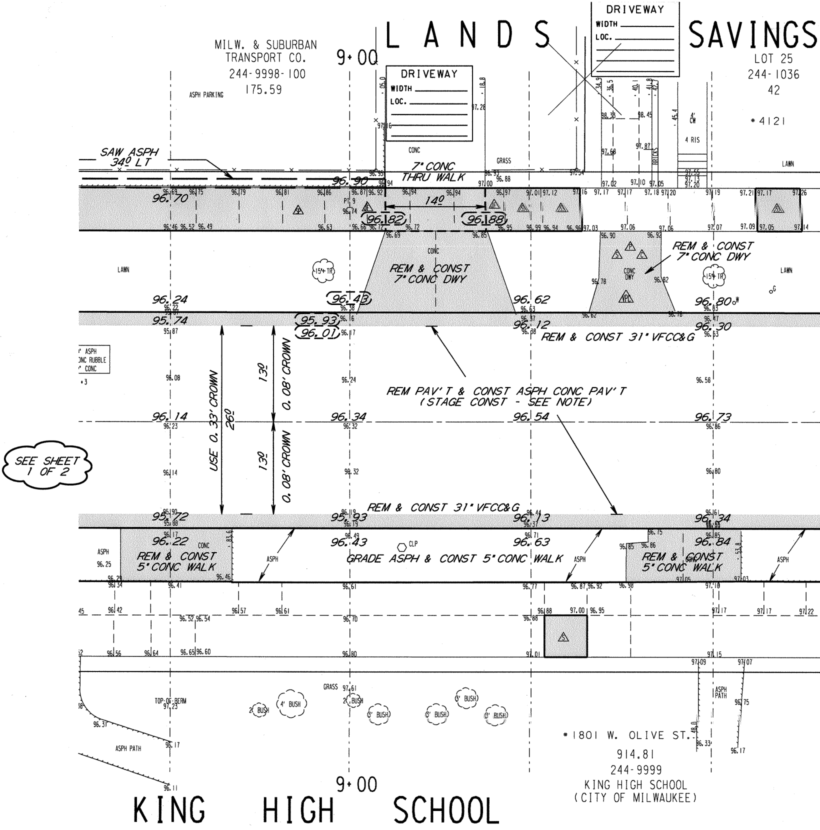
DATE / TO	2/13/13	1/14/14			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S	1				
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
TrafficEng	1				
RM506		15			
PLAN SIZE	12" X 120"				

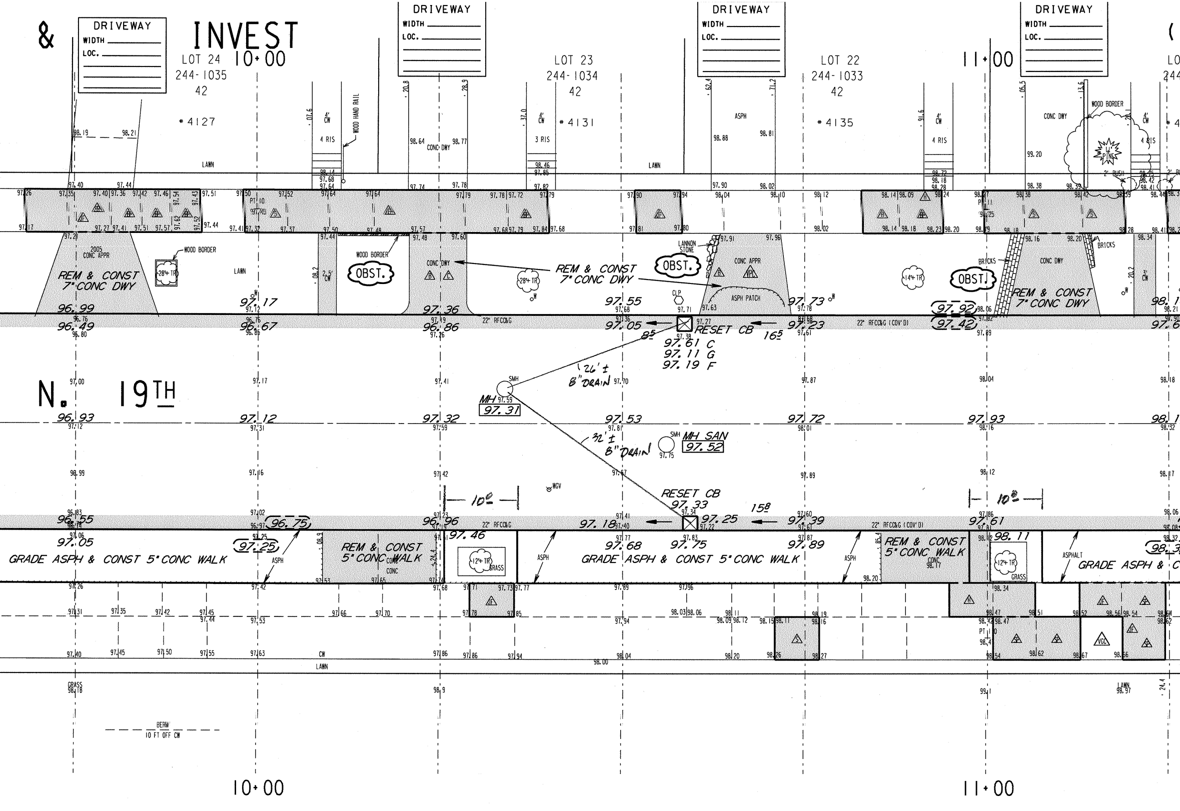
EROSION CONTROL AND C.B. REQUISITION PLAN

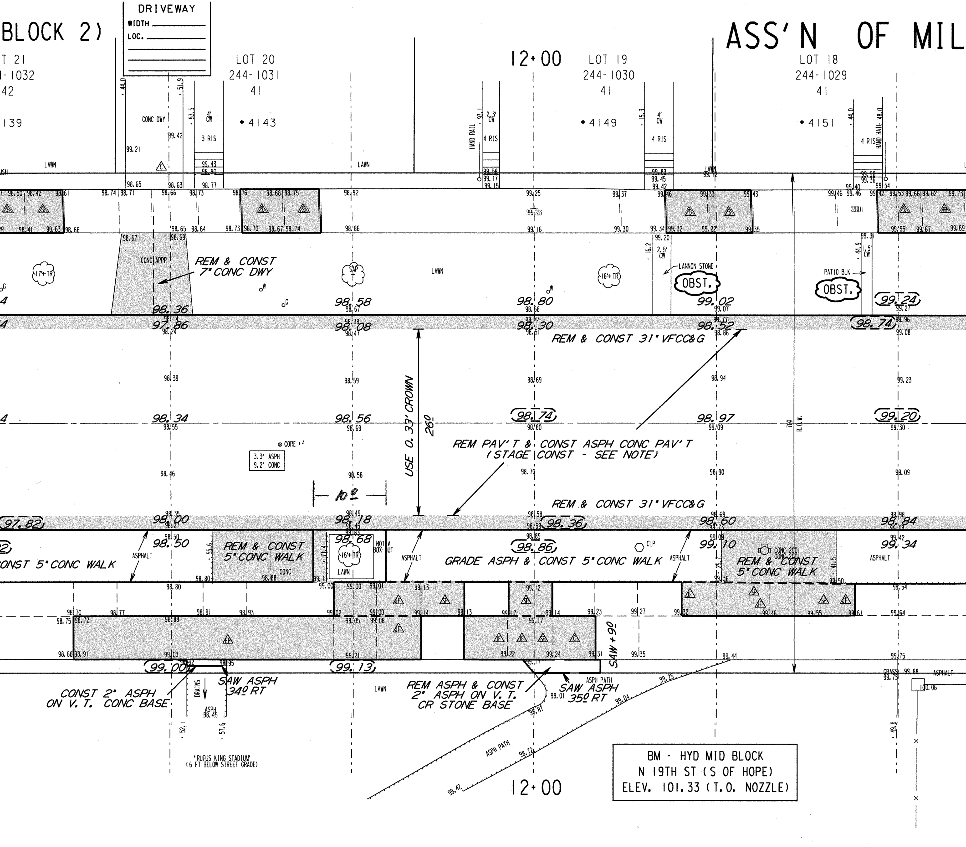
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☒
SHEET TOTAL	11	1	6	0	NO WORK
PROJECT TOTAL	20	2	10	0	NO WORK

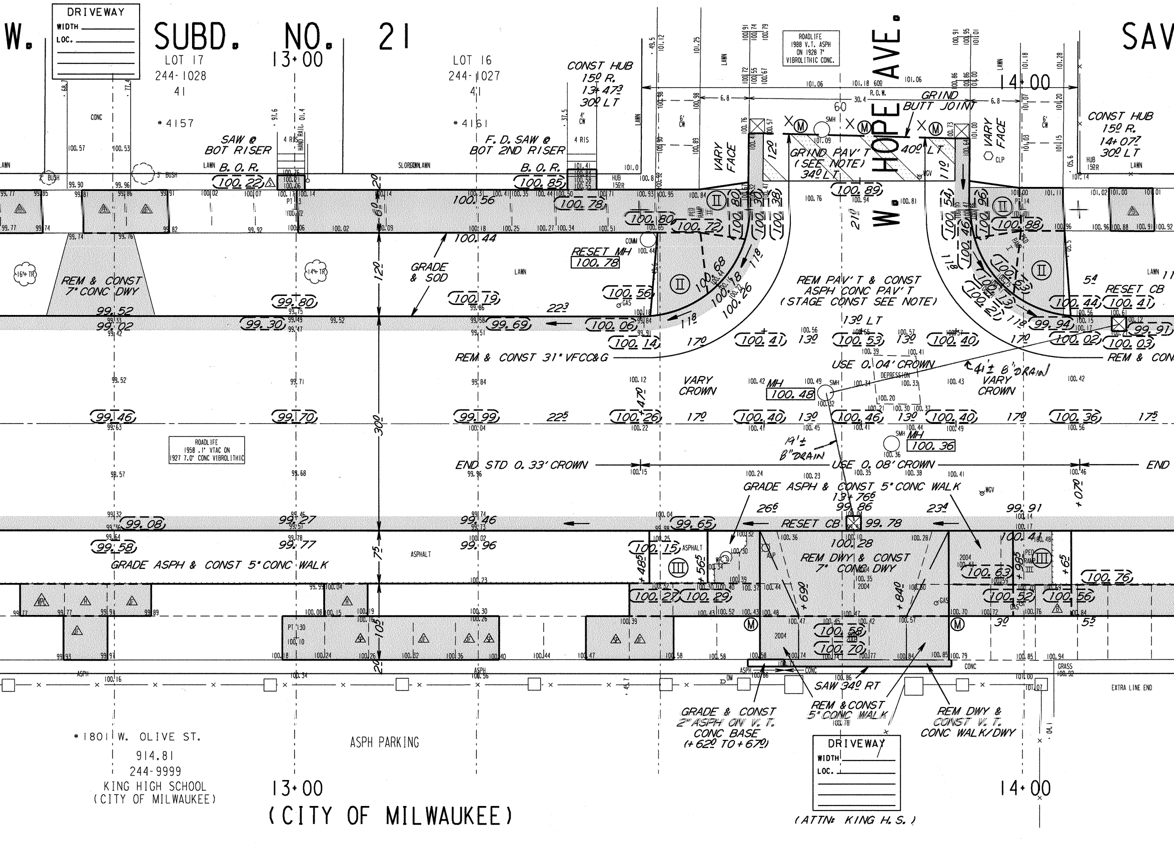
N. 19TH ST. - W. CAPITOL DR. TO W. OLIVE ST. (1 OF 2)

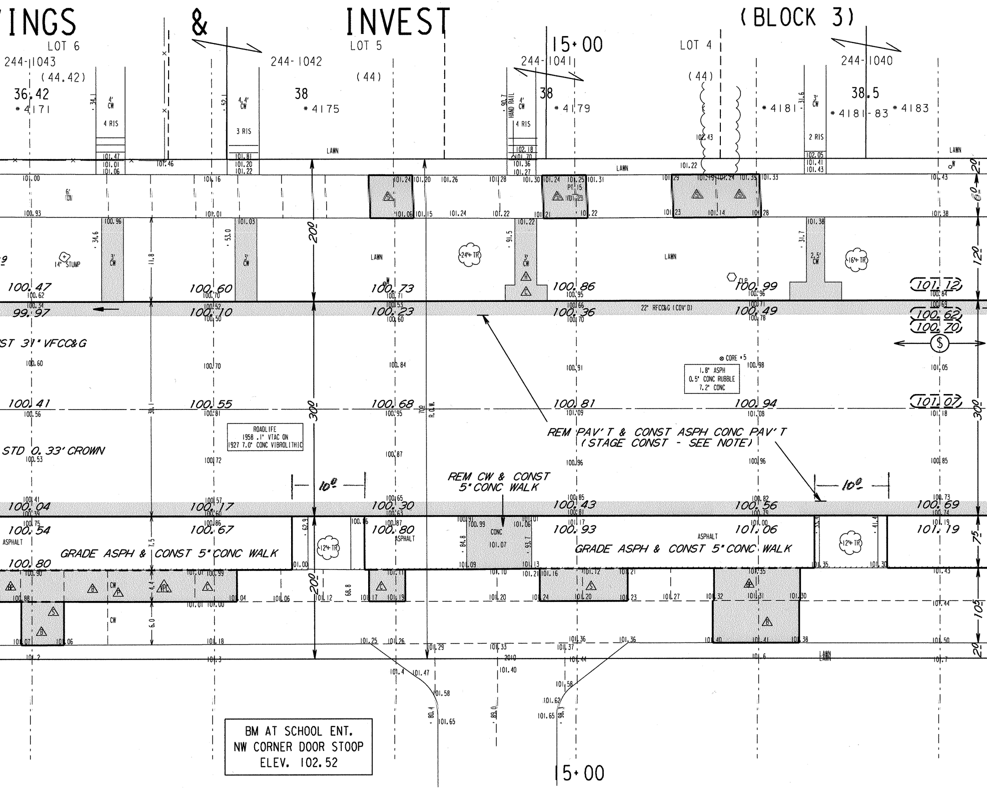
175' NORTH OF W. FIEBRANTZ AVE. TO W. CAPITOL DR. ST211120121 12" X 120" 29090 #

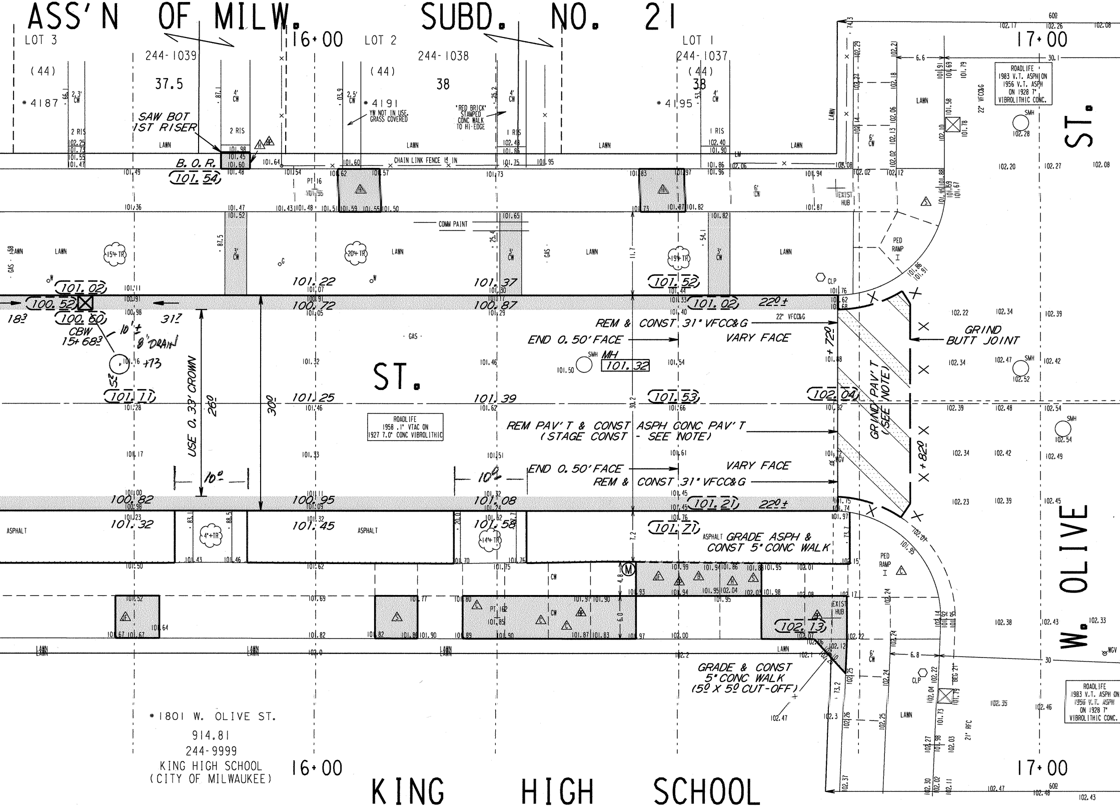

MILW. & SUBURBAN
TRANSPORT CO.
244-9998-100
175.59
ASPH PARKING
9+00
L A N D S
DRIVEWAY
WIDTH
LOC.
SAVINGS
LOT 25
244-1036
42
*4121
SAW ASPH
34⁰ LT
CONC
GRASS
7" CONC
THRU WALK
14⁰
BRICKS
4' CW
4 RIS
LAWN
REM & CONST
7" CONC DWY
REM & CONST
7" CONC DWY
CONC DWY
15"TR
REM & CONST 31" VFCC&G
REM PAV'T & CONST ASPH CONC PAV'T
(STAGE CONST - SEE NOTE)
USE 0.33' CROWN
26⁰
13⁰
0.08' CROWN
13⁰
0.08' CROWN
SEE SHEET
1 OF 2
ASPH
CONC RUBBLE
CONC
REM & CONST 31" VFCC&G
REM & CONST
5" CONC WALK
GRADE ASPH & CONST 5" CONC WALK
CLP
REM & CONST
5" CONC WALK
ASPH
TOP OF BERM
GRASS
4' BUSH
2' BUSH
3' BUSH
ASPH PATH
*1801 W. OLIVE ST.
914.81
244-9999
KING HIGH SCHOOL
(CITY OF MILWAUKEE)
9+00
KING HIGH SCHOOL

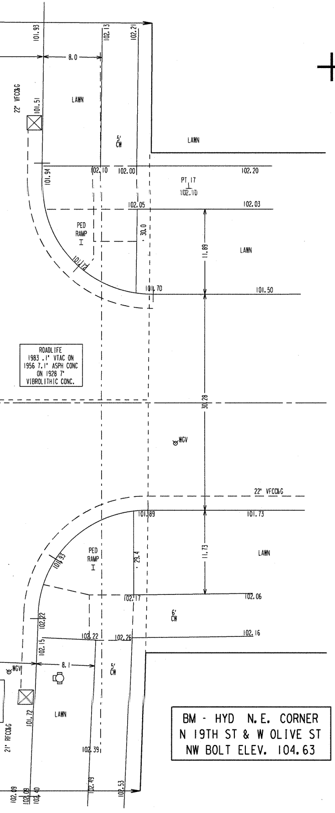

&
INVEST
DRIVEWAY
WIDTH
LOC.
LOT 24
244-1035
42
10+00
* 4127
LOT 23
244-1034
42
* 4131
LOT 22
244-1033
42
* 4135
11+00
4' CW
4 RIS
3 RIS
WOOD HAND RAIL
CONC DWY
ASPH
WOOD BORDER
LAWN
14" PINE
2' BUSH
2005 CONC APPR
REM & CONST 7" CONC DWY
28"+ TR
OBST.
LANNON STONE
CONC APPR
ASPH PATCH
BRICKS
CLP
14"+ TR
22" RFCC&G
22" RFCC&G (COV'D)
RESET CB
97.61 C
97.11 G
97.19 F
26' ± 8" DRAIN
SMH
MH 97.59
97.31
N. 19TH
32' ± 8" DRAIN
MH SAN
97.52
WGV
10'
RESET CB
97.33
97.25
15'
16'
8'
96.99
96.49
97.17
96.67
97.36
96.86
97.55
97.05
97.73
97.23
97.92
97.42
96.93
97.12
97.32
97.53
97.72
97.93
96.55
96.75
96.96
97.18
97.39
97.61
97.05
97.25
97.46
97.68
97.75
97.89
98.11
GRADE ASPH & CONST 5" CONC WALK
REM & CONST 5" CONC WALK
12"+ TR
GRASS
CONC
ASPHALT
GRADE ASPH & C
CW
LAWN
BERM
10 FT OFF CW
GRASS 98.18
98.9
99.1
LAWN 98.97
10+00
11+00


BLOCK 2)
ASS'N OF MIL
DRIVEWAY
WIDTH
LOC.
12+00
LOT 21
-1032
42
139
LOT 20
244-1031
41
#4143
LOT 19
244-1030
41
#4149
LOT 18
244-1029
41
#4151
CONC DWY
3 RIS
4 RIS
4' CW
2.3' CW
HAND RAIL
LAWN
CONC APPR
REM & CONST 7" CONC DWY
17" TR
18" TR
16" TR
SAP
LANNON STONE
OBST.
PATIO BLK
OBST.
1.5' CW
2.5' CW
98.36
97.86
98.58
98.08
98.80
98.30
99.02
98.52
99.24
98.74
REM & CONST 31" VFCC&G
USE 0.33' CROWN
26'
98.34
98.56
98.74
98.97
99.20
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST - SEE NOTE)
CORE #4
3.3' ASPH
9.2' CONC
10'
REM & CONST 31" VFCC&G
97.82
98.00
98.18
98.36
98.60
98.84
98.50
98.68
98.86
99.10
99.34
ONST 5" CONC WALK
ASPHALT
REM & CONST 5" CONC WALK
NOT A BOX-OUT
GRADE ASPH & CONST 5" CONC WALK
CLP
REM & CONST 5" CONC WALK
CONC 2001
R.O.W.
100'
SAW +90'
99.00
99.13
CONST 2" ASPH ON V.T. CONC BASE
SAW ASPH 34' RT
DRAINS
ASPH 98.49
REM ASPH & CONST 2" ASPH ON V.T. CR STONE BASE
SAW ASPH 35' RT
ASPH PATH
LAWN
GRASS
ASPHALT
100.06
"RUFUS KING STADIUM" (6 FT BELOW STREET GRADE)
BM - HYD MID BLOCK
N 19TH ST (S OF HOPE)
ELEV. 101.33 (T.O. NOZZLE)
12+00

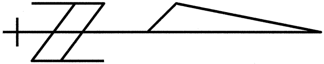

W.
SUBD. NO. 21
SAV
DRIVEWAY
WIDTH
LOC.
LOT 17
244-1028
41
LOT 16
244-1027
41
13+00
14+00
#4157
#4161
CONST HUB
15.0 R.
13+47.3
30.0 LT
CONST HUB
15.0 R.
14+07.7
30.0 LT
SAW @ BOT RISER
F. D. SAW @ BOT 2ND RISER
B. O. R.
ROADLIFE
1988 V.T. ASPH
ON 1928 7"
VIBROLITHIC CONC.
W. HOPE AVE.
GRIND BUTT JOINT
GRIND PAV'T (SEE NOTE) 34.0 LT
VARY FACE
CONC
4 RIS
HAND RAIL
LAWN
2' BUSH
3' BUSH
16" TR
14" TR
REM & CONST 7" CONC DWY
GRADE & SOD
RESET MH 100.78
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST SEE NOTE)
RESET CB
REM & CONST 31" VFCC&G
REM & CON
USE 0.04' CROWN
DEPRESSION
41'± 6" DRAIN
VARY CROWN
MH 100.48
MH 100.36
SMH
ROADLIFE
1958 .1' VTAC ON
1927 7.0' CONC VIBROLITHIC
19'± 8" DRAIN
END STD 0.33' CROWN
USE 0.08' CROWN
END
GRADE ASPH & CONST 5" CONC WALK
13+76.6
99.86
RESET CB 99.78
REM DWY & CONST 7" CONC DWY
ASPHALT
PED RAMP
GRADE ASPH & CONST 5" CONC WALK
SAW 34.0 RT
GRADE & CONST 2" ASPH ON V. T. CONC BASE (+62.0 TO +67.0)
REM & CONST 5" CONC WALK
REM DWY & CONST V. T. CONC WALK/DWY
EXTRA LINE END
GRASS
#1801 W. OLIVE ST.
914.81
244-9999
KING HIGH SCHOOL
(CITY OF MILWAUKEE)
ASPH PARKING
(CITY OF MILWAUKEE)
DRIVEWAY
WIDTH
LOC.
(ATTN: KING H. S.)


INGS
&
INVEST
(BLOCK 3)
LOT 6
LOT 5
LOT 4
15+00
244-1043
244-1042
244-1041
244-1040
(44.42)
(44)
(44)
36.42
38
38
38.5
* 4171
* 4175
* 4179
* 4181
* 4181-83
* 4183
4' CW
4.4' CW
4' CW
3' CW
4 RIS
3 RIS
4 RIS
2 RIS
HAND RAIL
LAWN
6' CW
14" STUMP
24" TR
16" TR
12" TR
CLP
PT 15
100.47
100.60
100.73
100.86
100.99
101.12
99.97
100.10
100.23
100.36
100.49
100.62
100.70
22' RFCC&G (COV'D)
ST 31' VFCC&G
CORE 5
1.8" ASPH
0.5" CONC RUBBLE
7.2" CONC
100.41
100.55
100.68
100.81
100.94
101.07
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST - SEE NOTE)
ROADLIFE
1958 .1" VTAC ON
1927 7.0" CONC VIBROLITHIC
STD 0.33' CROWN
R.O.W.
REM CW & CONST 5" CONC WALK
10'
10'
100.04
100.17
100.30
100.43
100.56
100.69
100.54
100.67
100.80
100.93
101.06
101.19
100.80
ASPHALT
CONC
GRADE ASPH & CONST 5" CONC WALK
GRADE ASPH & CONST 5" CONC WALK
20'
60'
120'
30'
30'
75'
105'
20'
20'
30'
20'
2010
BM AT SCHOOL ENT.
NW CORNER DOOR STOOP
ELEV. 102.52
15+00


ASS'N OF MILW. SUBD. NO. 21
LOT 3
LOT 2
LOT 1
16+00
17+00
244-1039
244-1038
244-1037
(44)
37.5
38
38
*4187
*4191
*4195
SAW BOT 1ST RISER
B.O.R. (101.54)
YW NOT IN USE. GRASS COVERED
"RED BRICK" STAMPED CONC WALK TO HI-EDGE
CHAIN LINK FENCE 14 IN
2 RIS
1 RIS
LAWN
COMM PAINT
GAS
CLP
PED RAMP
EXIST HUB
ROADLIFE 1983 V.T. ASPH ON 1956 V.T. ASPH ON 1928 7" VIBROLITHIC CONC.
22' VFCC&G
SMH
ST.
W. OLIVE ST.
CBW 15+68³
10'± 8" DRAIN
USE 0.33' CROWN
26⁰
30⁰
10⁰
ROADLIFE 1958 .1" VTAC ON 1927 7.0" CONC VIBROLITHIC
REM & CONST 31" VFCC&G
END 0.50' FACE
VARY FACE
MH 101.32
REM PAV'T & CONST ASPH CONC PAV'T (STAGE CONST - SEE NOTE)
GRIND PAV'T (SEE NOTE)
GRIND BUTT JOINT
22⁰±
+72⁰
+82⁰
ASPHALT
GRADE ASPH & CONST 5" CONC WALK
GRADE & CONST 5" CONC WALK (5⁰ X 5⁰ CUT-OFF)
21' RFC
WGV
*1801 W. OLIVE ST.
914.81
244-9999
KING HIGH SCHOOL (CITY OF MILWAUKEE)
KING HIGH SCHOOL


101.93
102.13
102.21
8.0
22' VFCC&G
101.51
LAWN
5' CW
LAWN
101.94
102.10
102.00
102.20
PT 17
102.10
102.05
102.03
PED RAMP
I
30.0
11.89
LAWN
101.72
101.70
101.50
ROADLIFE
1983 .1" VTAC ON
1956 7.1" ASPH CONC
ON 1928 7"
VIBROLITHIC CONC.
30.28
WCV
22' VFCC&G
101.89
101.73
PED RAMP
I
101.93
29.4
11.73
LAWN
102.17
102.06
6' CW
102.22
102.22
102.26
102.16
102.15
WGV
8.1
5' CW
101.72
LAWN
21' RFCC&G
102.39
102.09
102.09
102.40
102.49
102.53

BM - HYD N.E. CORNER
N 19TH ST & W OLIVE ST
NW BOLT ELEV. 104.63



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						

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

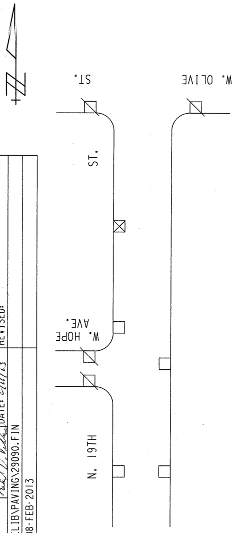
FILE NO. 1583

PLAN OF: N. 19TH ST. (4100N, 1900W)
W. CAPITOL DR. TO W. OLIVE ST.
THIS SECTION: W. OLIVE ST. TO 175' NORTH OF W. FIEBRANTZ AVE.

DRAWN BY	G. GUERRA	DATE: 01/17/13	PROJECT NO. ST211120121		SHEET 2 OF 2
DESCRIPTIONS BY		DATE:			
LEVELS BY	W. WILLIAMS	DATE: 09/12/11	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	244	1
DESIGNED BY	B. PLAUMANN	DATE: 10/29/12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B. MATHENY	DATE: 01/24/13	REVISED: 1/9/14 STORM DRAIN ADDED		
CHECKED BY	D. Ulrbach	DATE: 2/9/13	REVISED:		
APPROVED BY		DATE: 2/11/13	REVISED:		
FILE: V:\PWELIB\PAVING\29090.FIN					
PLOT DATE: 08-FEB-2013					

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

DATE / TO	2/13/13	1/14/14			
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				
TrafficEng	1				
RM506		15			
PLAN SIZE	12' X 120'				


N. 19TH
ST.
W. HOPE AVE.
ST.
W. OLIVE

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☒ NO WORK
SHEET TOTAL	9	1	4	0	

N. 19TH ST. - W. CAPITOL DR. TO W. OLIVE ST. (2 OF 2)
W. OLIVE ST. TO 175' NORTH OF W. FIEBRANTZ AVE. ST211120121 12" X 120" 29090