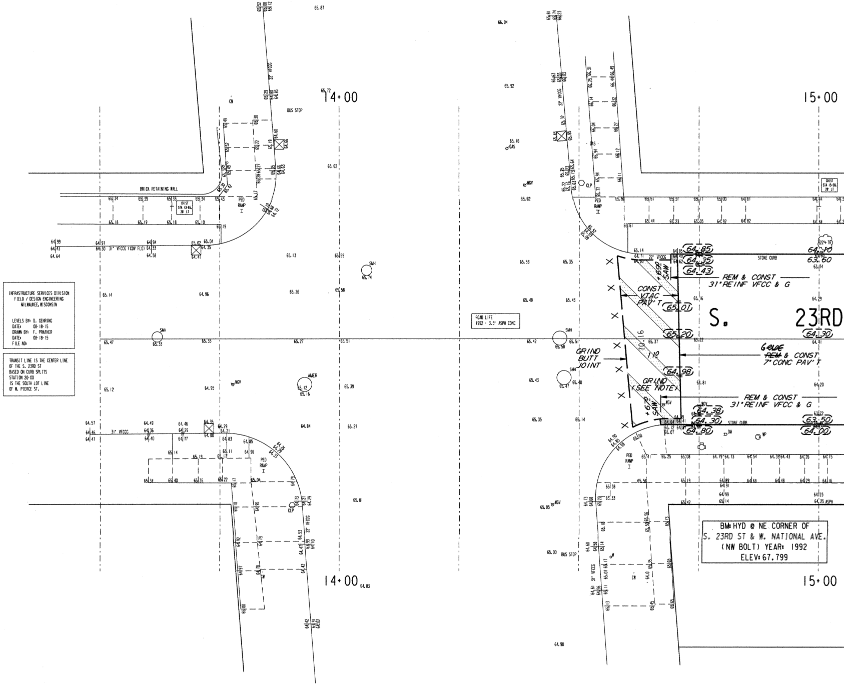
SUBD


14+00
15+00
S. 23RD
BRICK RETAINING WALL
BUS STOP
PED RAMP I
PED RAMP II
31" VFCCG (COV FLG)
31" VFCCG
22" VFCCG
STONE CURB
SMH
AMER
CLP
CW
GAS
MGV
ROAD LIFE 1992 - 3.5" ASPH CONC
CHISL STA 13+65, 28' LT
CHISL STA 15+00, 28' LT
22" TR
+690 SAW
+670 SAW
CONST VTAC PAV'T
GRIND BUTT JOINT
GRIND (SEE NOTE)
REM & CONST 31"REINF VFCC & G
GRADE ~~REM~~ & CONST 7"CONC PAV'T
70.16
11°
64.85
64.35
64.43
65.01
65.20
64.98
64.38
64.30
64.80
64.70
63.60
64.30
63.50
64.00

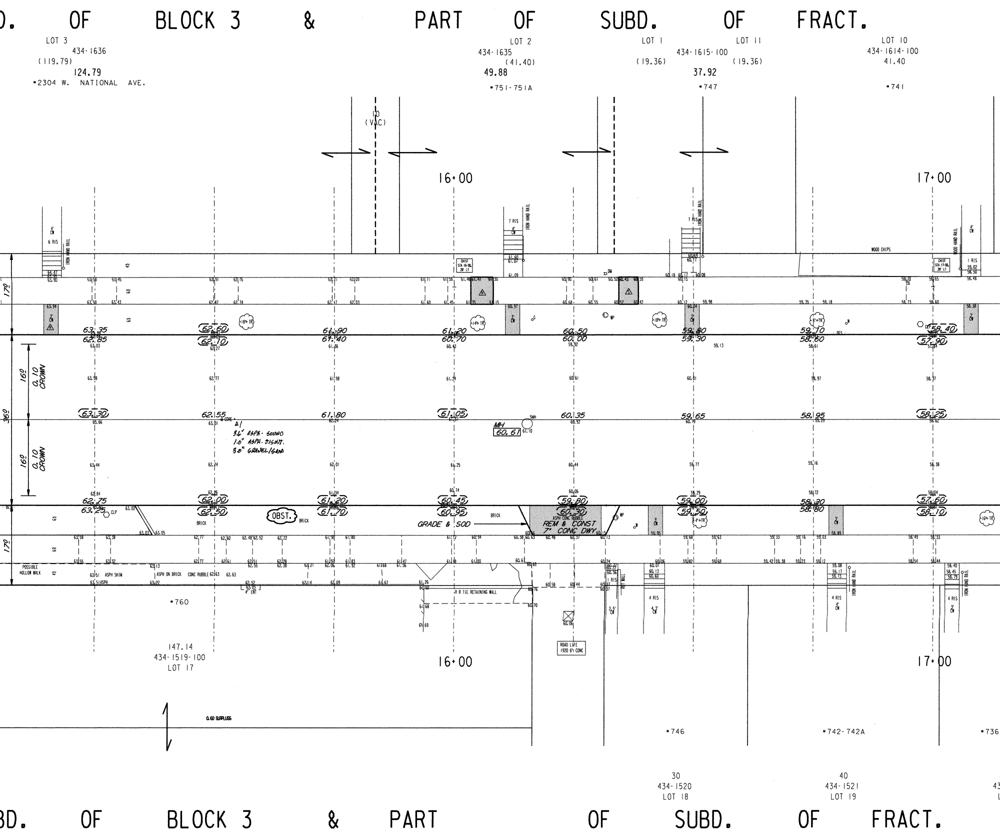
INFRASTRUCTURE SERVICES DIVISION
FIELD / DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

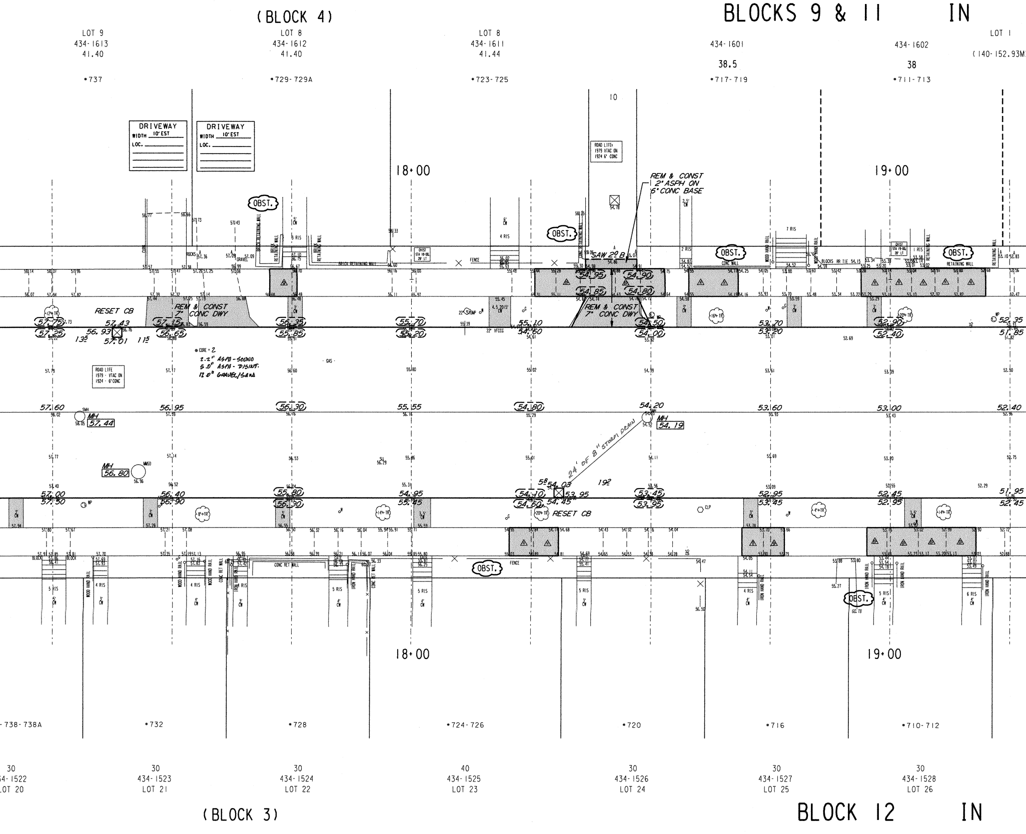
LEVELS BY: D. GEHRING
DATE: 08-18-15
DRAWN BY: F. PRATHER
DATE: 08-18-15
FILE NO:

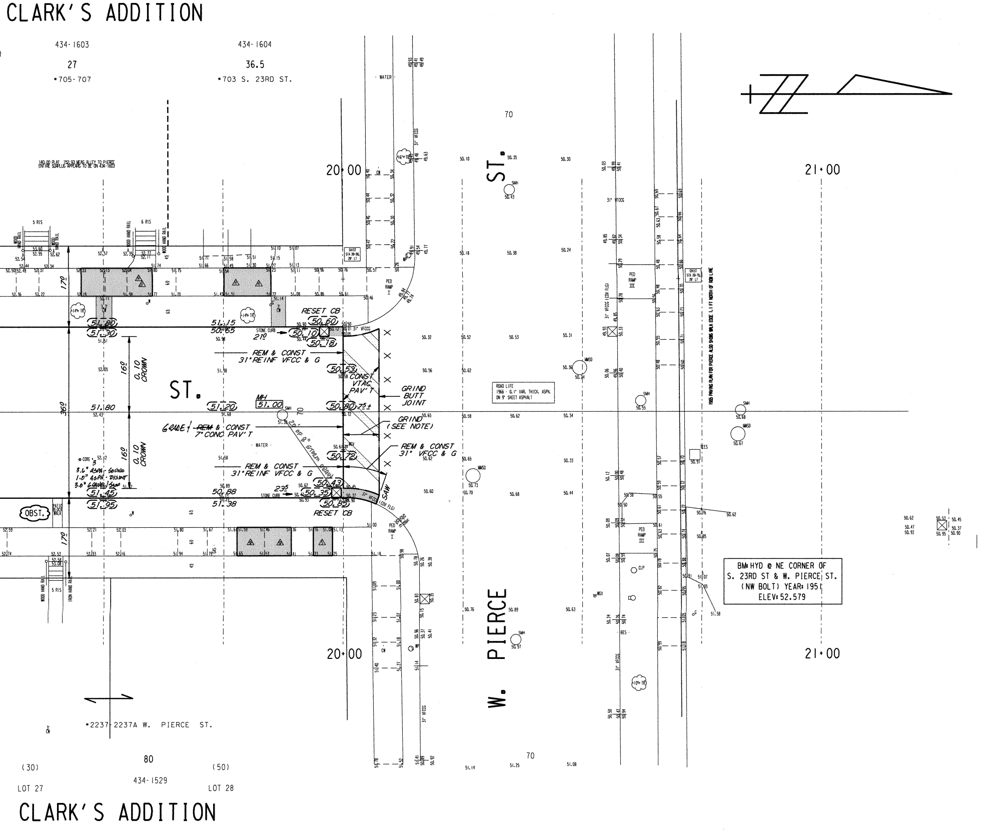
TRANSIT LINE IS THE CENTER LINE
OF THE S. 23RD ST
BASED ON CURB SPLITS
STATION 20+00
IS THE SOUTH LOT LINE
OF W. PIERCE ST.

BM: HYD @ NE CORNER OF
S. 23RD ST & W. NATIONAL AVE.
(NW BOLT) YEAR: 1992
ELEV: 67.799

SUE


D. OF BLOCK 3 & PART OF SUBD. OF FRACT.
LOT 3
434-1636
(119.79)
124.79
•2304 W. NATIONAL AVE.
LOT 2
434-1635
(41.40)
49.88
•751-751A
LOT 1
434-1615-100
(19.36)
LOT 11
(19.36)
37.92
•747
LOT 10
434-1614-100
41.40
•741
10
(VAC)
16+00
17+00
6 RIS
7 RIS
1 RIS
IRON HAND RAIL
4' CW
3' CW
WOOD CHIPS
CHIST STA 16+00, 28' LT
CHIST STA 17+00, 28' LT
18" TR
14" TR
6"+TR
4"+TR
16" TR
17.0
16.0
0.10 CROWN
16.0
0.10 CROWN
36.0
17.0
63.35
62.85
62.60
62.10
61.90
61.40
61.20
60.70
60.50
60.00
59.80
59.30
59.10
58.60
58.40
57.90
63.30
62.55
61.80
61.05
60.35
59.65
58.95
58.25
CORE
#1
3.6" ASPH - SOUND
1.0" ASPH - DISINT.
3.0" GRAVEL/SAND
MH
60.61
SMH
62.75
63.25
62.00
62.50
61.20
61.70
60.45
60.95
59.80
60.30
59.00
59.50
58.30
58.80
57.60
58.10
CLP
OBST.
BRICK
GRADE & SOD
ASPH CONC RUBBLE
REM & CONST
7" CONC DWY
POSSIBLE HOLLOW WALK
ASPH SHIM
ASPH ON BRICK
CONC RUBBLE
R R TIE RETAINING WALL
RET WALL
4 RIS
ROAD LIFE
1920 6"± CONC
•760
147.14
434-1519-100
LOT 17
16+00
17+00
0.60 SURPLUS
•746
•742-742A
•736
30
434-1520
LOT 18
40
434-1521
LOT 19
BD. OF BLOCK 3 & PART OF SUBD. OF FRACT.


(BLOCK 4)
BLOCKS 9 & 11 IN
LOT 9
434-1613
41.40
•737
LOT 8
434-1612
41.40
•729-729A
LOT 8
434-1611
41.44
•723-725
434-1601
38.5
•717-719
434-1602
38
•711-713
LOT 1
(140-152.93M)
10
DRIVEWAY
WIDTH 10' EST
LOC.
DRIVEWAY
WIDTH 10' EST
LOC.
ROAD LIFE: 1979 VTAC ON 1924 6" CONC
18+00
19+00
REM & CONST 2" ASPH ON 6" CONC BASE
OBST.
OBST.
OBST.
OBST.
OBST.
OBST.
OBST.
SAW 2º B
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY
RESET CB
RESET CB
BRICK RETAINING WALL
RETAINING WALL
CONC RET WALL
WOOD HAND RAIL
IRON HAND RAIL
FENCE
FENCE
CONC WALL
7 RIS
5 RIS
4 RIS
6 RIS
57.75
57.25
57.43
56.93
57.01
57.15
56.65
56.35
55.85
55.70
55.20
55.10
54.60
54.50
54.00
53.70
53.20
52.90
52.40
52.35
51.85
54.95
54.90
54.85
54.80
CORE 2
2.2" ASPH - SOUND
5.0" ASPH - DISINT.
12.0" GRAVEL/SAND
ROAD LIFE 1979 - VTAC ON 1924 - 6" CONC
GAS
57.60
56.95
56.30
55.55
54.80
54.20
53.60
53.00
52.40
MH 57.44
MH 54.19
MH 56.80
24' OF 8" STORM DRAIN
19º
58 54.03
53.95
54.45
57.00
57.50
56.40
56.90
55.80
56.30
54.95
55.45
54.10
54.60
53.45
53.95
52.95
53.45
52.45
52.95
51.95
52.45
CLP
18+00
19+00
-738-738A
•732
•728
•724-726
•720
•716
•710-712
30
434-1522
LOT 20
30
434-1523
LOT 21
30
434-1524
LOT 22
40
434-1525
LOT 23
30
434-1526
LOT 24
30
434-1527
LOT 25
30
434-1528
LOT 26
(BLOCK 3)
BLOCK 12 IN


CLARK'S ADDITION
434-1603
27
•705-707
434-1604
36.5
•703 S. 23RD ST.
WATER
70
140.00 PLAT 152.93 MEAS ALLEY TO PIERCE
ENTIRE SURPLUS APPEARS TO BE ON 434-1603
20+00
21+00
ST.
5 RIS
6 RIS
WOOD HAND RAIL
CHIST STA 20-00, 28' LT
PED RAMP I
PED RAMP III
31" VFCCG
31" VFCCG (CDV FLG)
CHIST STA 20-70, 28' LT
1955 PAVING PLAN FOR PIERCE ALSO SHOWS WALK EDGE 1.1 FT NORTH OF ROW LINE
SMH
MWSD
RESET CB
50.60
50.10
50.18
STONE CURB
21Q
REM & CONST
31" REINF VFCC & G
50.53
CONST
VTAC
PAV'T
GRIND
BUTT
JOINT
0.10
CROWN
160
170
360
51.80
51.30
51.15
50.65
51.80
51.20
MH
51.00
50.80
75 ±
ST.
GRADE / ~~REM~~ & CONST
7" CONC PAV'T
GRIND
(SEE NOTE)
REM & CONST
31" VFCC & G
8" STORM DRAIN
50.72
CORE 3
3.6" ASPH - SOUND
1.0" ASPH - DISINT
3.0" GRAVEL / SAND
REM & CONST
31" REINF VFCC & G
235
50.43
50.35
50.85
51.45
51.95
50.88
51.38
RESET CB
SAW
ROAD LIFE
1966 - 0.1" VAR. THICK. ASPH.
ON 9" SHEET ASPHALT
OBST.
PATIO BLOCK WALK
IRON HAND RAIL
TEES
CLP
BES
W. PIERCE
BM: HYD @ NE CORNER OF
S. 23RD ST & W. PIERCE ST.
(NW BOLT) YEAR: 1951
ELEV: 52.579
•2237-2237A W. PIERCE ST.
(30)
80
(50)
434-1529
LOT 27
LOT 28
70
CLARK'S ADDITION

NOTES : , DENOTES RAMP TYPE.

- *(I) (II) (III) CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.*
- *OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.*
- *OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.*
- *GRADE & SOD ENTIRE AREA BETWEEN WALK AND CURB.*
- *IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGES, 0.17' MINIMUM COVER AT BUTT JOINTS AND 0.21' MINIMUM ELSEWHERE.*
- *GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.*

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.						
☒	31" CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
☒	5" CONCRETE WALK	S.F.						
☒	7" CONCRETE DRIVEWAY	S.F.						
☒	7" 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							
	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
△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

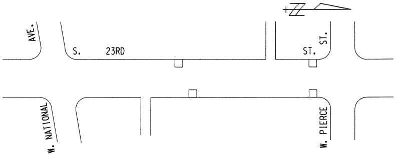
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 94

PLAN OF: S. 23RD ST. (700S, 2300W)
W. NATIONAL AVE. TO W. PIERCE ST.
THIS SECTION:

DRAWN BY	SNYDER	DATE: 9-10-15	PROJECT NO. ST211160109		SHEET 1 OF 1
DESCRIPTIONS BY		DATE:			
LEVELS BY	GEHRING	DATE: 8-14-15	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	434	8
DESIGNED BY	JANACEK	DATE: 10-13-15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	SNYDER	DATE: 10-28-15	REVISED:		
CHECKED BY	St RWd	DATE: 11-13-15	REVISED:		
APPROVED BY		DATE: 11/18/15	REVISED:		
FILE: V:\PWELIB\PAVING\29664.FIN					
PLOT DATE: 11-NOV-2015					

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


AVE.
S. 23RD ST.
ST.
W. NATIONAL
W. PIERCE

EROSION CONTROL		AND C.B. REQUISITION		PLAN
TYPE M	☒ - CBW	☐ - RESET	× - ABANDON	∅
4	0	4	0	NO WORK

TO \ DATE	11/20/15				
ESTIMATING	1				
HOLLOW WALKS (STREETS ONLY)	1				
PUBLIC HEARING	1				
CONSTRUCTION	1				
SEWER ENG	1				
WATER ENG	1				
STREET LIGHTING	1				
TRAFFIC ENG	1				
DISTRICT	2				
MEASURING					
FORESTRY	1				
UND. GRD. COND.					
WATER DIST.	1				
UTILITY COOR.	1				
PLAN SIZE	12" X 112"				

S. 23RD ST.-W. NATIONAL AVE. TO W. PIERCE ST.
ST211160109
18"X112"
29664
(1 OF 1)