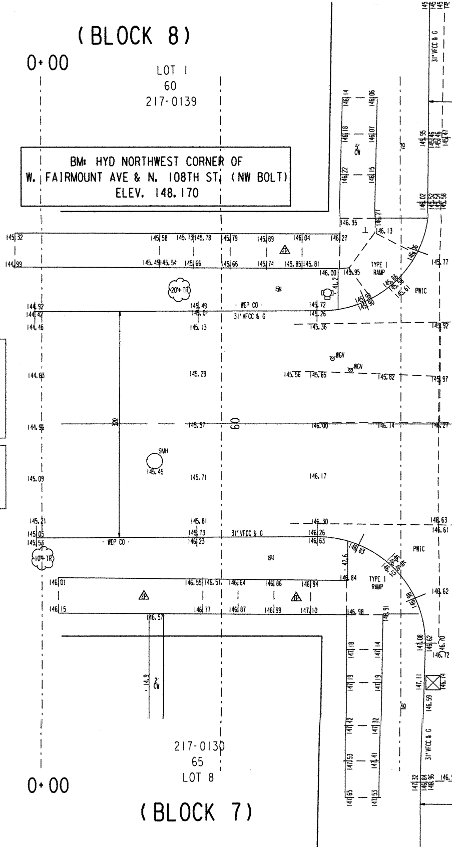
INFRASTRUCTURE SERVICES DIVISION
FIELD / DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

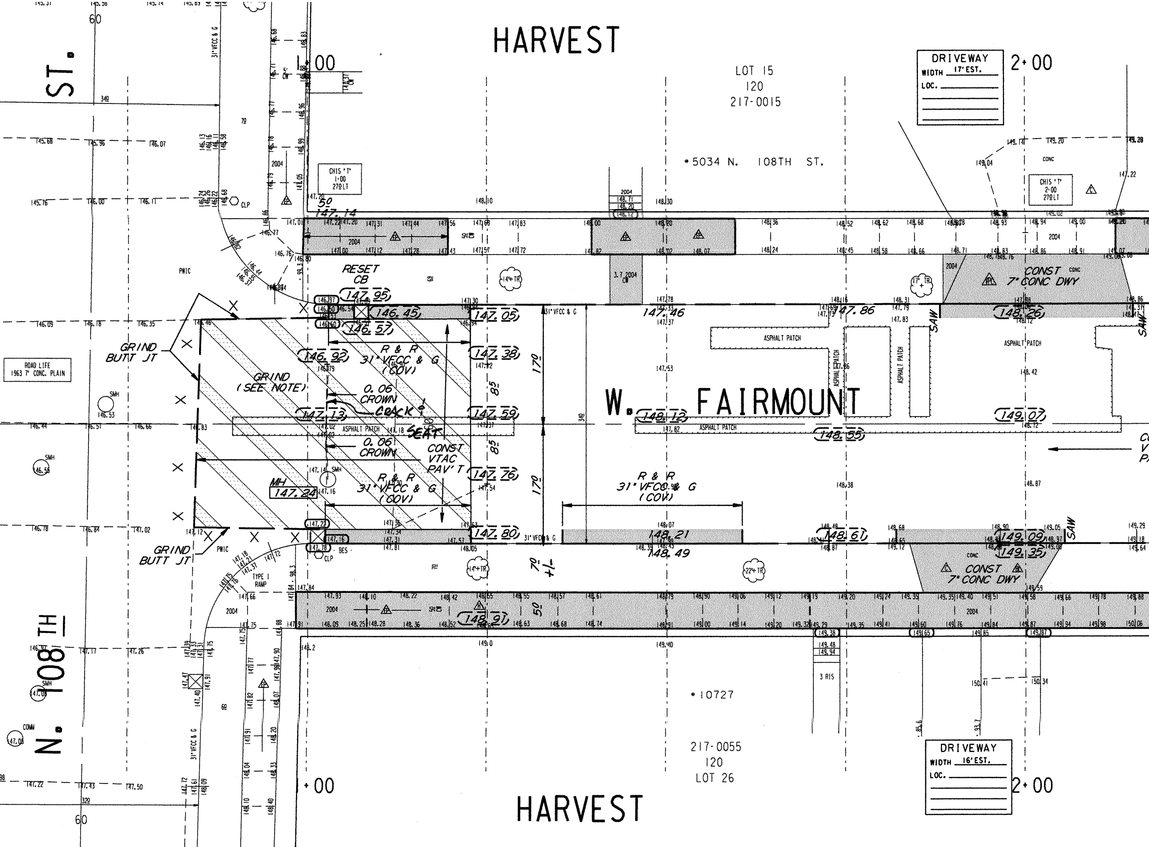
LEVELS BY:
DATE: - -
DRAWN BY:
DATE: - -
FILE NO:

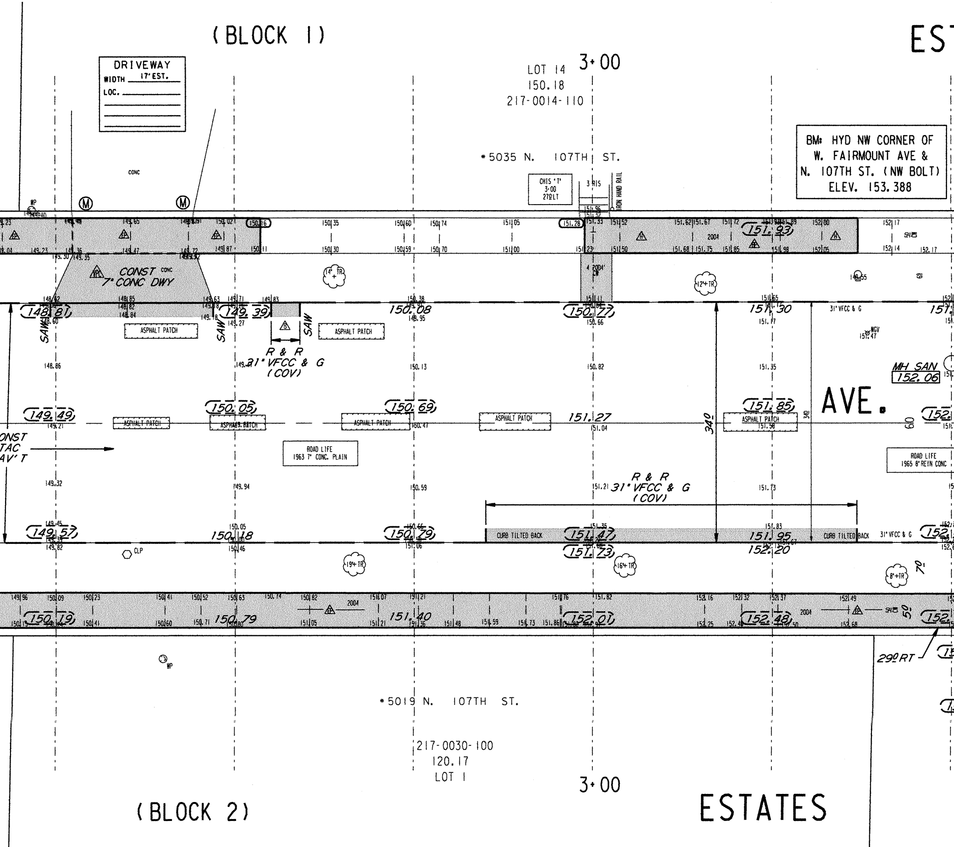
TRANSIT LINE IS THE CENTER LINE
OF THE
BASED ON
STATION +00
IS THE
OF

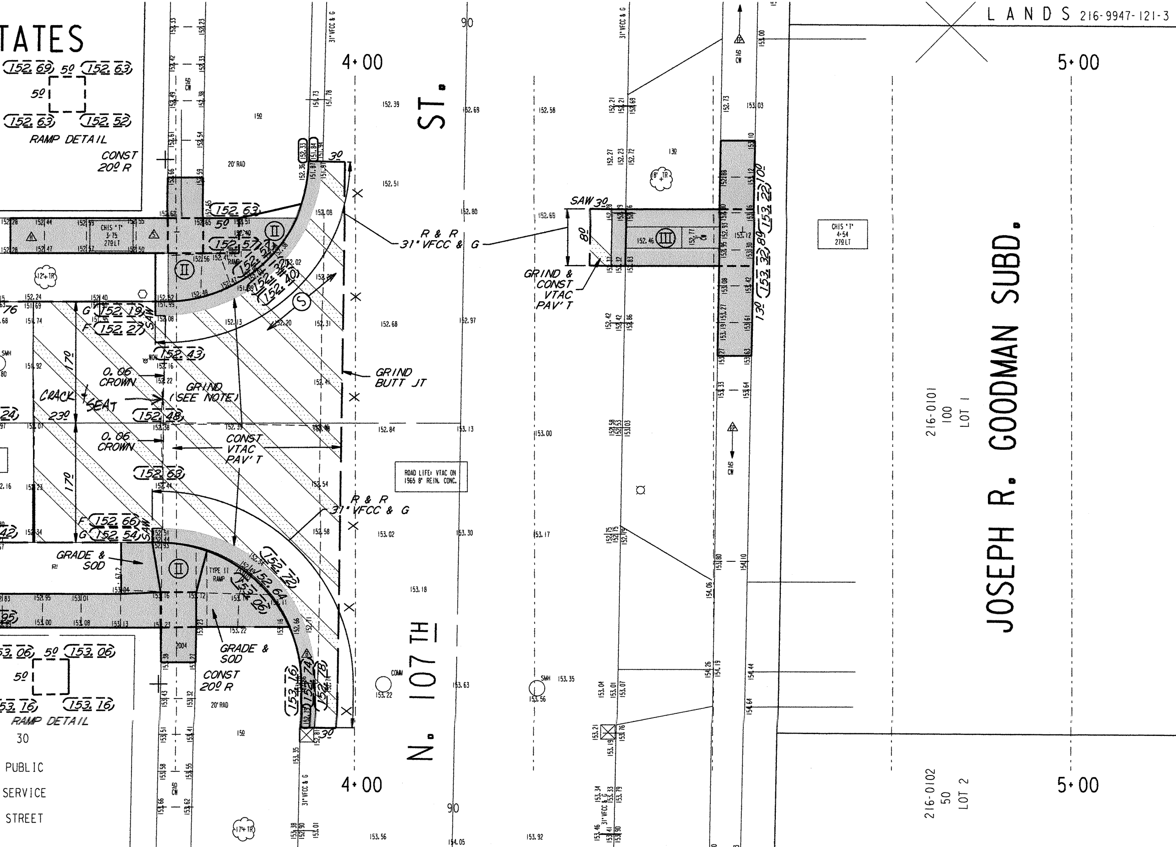


BM: HYD NORTHWEST CORNER OF
W. FAIRMOUNT AVE & N. 108TH ST. (NW BOLT)
ELEV. 148.170

(BLOCK 8)
0+00
LOT 1
60
217-0139
145.32
144.99
145.58
145.73
145.78
145.79
145.89
146.04
146.27
145.49
145.54
145.66
145.66
145.74
145.85
145.81
146.00
145.95
146.35
146.13
TYPE 1 RAMP
PWIC
20" TR
WEP CO
31" VFCC & G
144.92
144.42
144.46
145.49
145.01
145.13
145.72
145.26
145.36
WGV
WGV
144.68
145.29
145.56
145.65
145.82
145.97
144.96
145.57
60
320
146.00
146.14
146.27
SMH
145.45
145.09
145.71
146.17
145.21
145.05
145.58
145.81
145.73
146.23
146.30
146.26
146.63
146.63
146.61
10" TR
146.83
146.01
146.55
146.51
146.64
146.86
146.94
146.84
TYPE 1 RAMP
146.62
146.15
146.77
146.87
146.99
147.10
146.98
146.57
2' CW
5' CW
14.9
42.6
41.2
147.18
147.14
147.19
147.19
147.42
147.32
147.53
147.41
147.65
147.53
146.72
146.74
146.59
31" VFCC & G
217-0130
65
LOT 8
0+00
(BLOCK 7)


HARVEST
LOT 15
120
217-0015
DRIVEWAY
WIDTH 17' EST.
LOC.
2+00
1+00
ST.
60
349
*5034 N. 108TH ST.
CHIS "T" 1+00 27.9 LT
CHIS "T" 2+00 27.9 LT
2004
31" VFCC & G
147.14
50
RESET CB
147.95
146.45
147.05
146.57
146.92
147.38
GRIND BUTT JT
ROAD LIFE 1963 7" CONC. PLAIN
GRIND (SEE NOTE)
R & R 31" VFCC & G (COV)
0.06 CROWN
CRACK
SEAT
147.13
147.59
ASPHALT PATCH
0.06 CROWN
CONST VTAC PAV'T
MH 147.24
SMH
147.76
R & R 31" VFCC & G (COV)
147.80
170
85
170
85
W. FAIRMOUNT
147.46
147.86
148.26
148.12
148.55
149.07
CONST 7" CONC DWY
SAW
R & R 31" VFCC & G (COV)
148.21
148.49
148.61
149.09
149.35
CONST 7" CONC DWY
GRIND BUTT JT
PWIC
CLP
BES
TYPE I RAMP
70 +/-
14"+ TR
17"+ TR
22"+ TR
148.91
50
3 RIS
*10727
217-0055
120
LOT 26
DRIVEWAY
WIDTH 16' EST.
LOC.
2+00
1+00
HARVEST
N. 108 TH
COMM
329
60


(BLOCK 1)
ES
DRIVEWAY
WIDTH 17' EST.
LOC.
LOT 14
150.18
217-0014-110
3+00
*5035 N. 107TH ST.
CHIS 'T' 3+00 27.0 LT
3 RIS
IRON HAND RAIL
BM: HYD NW CORNER OF W. FAIRMOUNT AVE & N. 107TH ST. (NW BOLT) ELEV. 153.388
CONC
CONST 7' CONC DWY
SAW
ASPHALT PATCH
R & R 31" VFCC & G (COV)
148.81
149.39
150.08
150.77
151.30
151.93
149.49
150.05
150.69
151.27
151.85
149.57
150.18
150.79
151.47
151.73
151.95
152.20
150.79
151.40
152.01
152.48
2004
340
AVE.
MH SAN 152.06
WGV
31' VFCC & G
ROAD LIFE 1963 7" CONC. PLAIN
ROAD LIFE 1965 8" REIN CONC
CONST TAC AV'T
CURB TILTED BACK
CLP
WP
14" TR
12" TR
19" TR
16" TR
8" TR
29.0 RT
*5019 N. 107TH ST.
217-0030-100
120.17
LOT 1
3+00
(BLOCK 2)
ESTATES


TATES
LANDS 216-9947-121-3
4+00
5+00
N. 107TH ST.
JOSEPH R. GOODMAN SUBD.
RAMP DETAIL
CONST 20º R
20' RAD
R & R 31" VFCC & G
SAW 30
GRIND & CONST VTAC PAV'T
CHIS 'T' 3+75 27º LT
CHIS 'T' 4+54 27º LT
GRIND BUTT JT
0.06 CROWN
CRACK & SEAT
23º
17º
GRIND (SEE NOTE)
CONST VTAC PAV'T
ROAD LIFE: VTAC ON 1965 8" REIN. CONC.
GRADE & SOD
TYPE II RAMP
216-0101 100 LOT 1
216-0102 50 LOT 2
30 PUBLIC SERVICE STREET
SMH
COMM
12" TR
17" TR
8" TR
(152.69) 5º (152.63)
(152.63) (152.52)
(153.06) 5º (153.06)
(153.16) (153.16)
(152.63) 5º
(152.57)
(152.19)
(152.27)
(152.43)
(152.48)
(152.63)
(152.66)
(152.54)
(152.72)
(152.64)
(153.06)
(153.22) 10º
(153.32) 8º
13º
(152.40)
(153.16)
(152.74)
(152.78)
3º
5º CW
152.39
152.51
152.68
152.84
153.02
153.18
153.22
152.69
152.80
152.97
153.13
153.30
153.63
152.58
153.00
153.17
153.35
153.56
153.92
154.05
90

## 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.
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED .
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.06 CROWN IN EACH PASS.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGES, 0.17' AT BUTT JOINTS AND 0.21' ELSEWHERE.
- REMOVE ASPHALT PATCHES WITHIN LIMITS OF CONSTRUCTION AS DIRECTED BY CONSTRUCTION ENGINEER.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED 'SAN.' (SANITARY).

| 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 / CERTIF

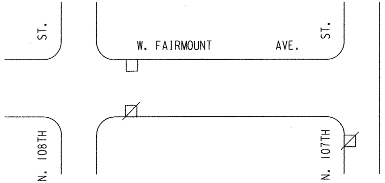
| | DESCRIPTION | UNIT | ASSESS. |
|---|---|---|---|
| ☒ | MOBILIZATION | L.S. | |
| ☒ | FINISHING ROADWAY | L.S. | |
| | | | |
| | | | |
| ☒ | BARRICADING AND SIGNING | L.S. | |
| | | | |
| ☒ | CUTTING | C.Y. | |
| | ROADWAY CUTTING | C.Y. | |
| ☒ | FILLING | C.Y. | |
| | ROADWAY FILLING | C.Y. | |
| | | | |
| | 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. | |
| | 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 | |
| ☒ | JOINT AND CRACK REPAIR | L.F. | |
| X | CRACK & SEAT | S.Y. | |
| | | | |
| | | | |
| | | | |

## ICATE QUANTITIES

| X- ING | | | PLAN TOT. | PROJ.TOT. |
|---|---|---|---|---|
| | | | | 700 |

| DEPARTMENT OF PUBLIC WORKS<br>INFRASTRUCTURE SERVICES DIVISION<br>FIELD OPERATIONS<br>FIELD & DESIGN ENGINEERING<br>MILWAUKEE, WISCONSIN | | | | FILE NO.<br>35 |
|---|---|---|---|---|
| PLAN OF: W. FAIRMOUNT AVE. (5000N, 10700W) | | | | |
| N. 107TH ST. TO N. 108TH ST. | | | | |
| THIS SECTION: | | | | |
| DRAWN BY | S. BIEGANSKI | DATE: 9/12/14 | PROJECT NO. | |
| DESCRIPTIONS BY | S. BIEGANSKI | DATE: 9/12/14 | ST211150159 | SHEET 1 OF 1 |
| LEVELS BY | D. GEHRING | DATE: 7/21/14 | SCALE<br>1" = 10' | 1/4 SEC. 217 · ALD.DIST. 5 |
| LEVELS TRANSF. BY | D. GEHRING | DATE: 8/10/14 | | |
| DESIGNED BY | M. SCHULTZ | DATE: 7/15/15 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | |
| GRADES TRANSF. BY | SNYDER | DATE: 8/4/15 | REVISED: | |
| CHECKED BY | | DATE: 9/2/15 | REVISED: | |
| APPROVED BY | | DATE: 9/11/15 | REVISED: | |
| FILE: V:\PWELIB\PAVING\29541.FIN | | | | |
| PLOT DATE: 28-AUG-2015 | | | | |

| STORM DRAINAGE UNITS | | |
|---|---|---|
| C.B.W.- 0 | RESET- 1 | ABANDON- 0 |
| PROJECT IN (SEPARATED) AREA | | |


ST.
W. FAIRMOUNT AVE.
ST.
N. 108TH
N. 107TH

| TO \ DATE | 9/14/15 | 3/14/16 |
|---|---|---|
| ESTIMATING | 1 | |
| HOLLOW WALKS (STREETS ONLY) | 1 | |
| PUBLIC HEARING | 1 | |
| CONSTRUCTION | 1 | 6 |
| SEWER ENG | 1 | |
| WATER ENG | 1 | |
| STREET LIGHTING | 1 | |
| TRAFFIC ENG | 1 | |
| DISTRICT | 2 | |
| MEASURING | | 1 |
| FORESTRY | 1 | |
| UND. GRD. COND. | | |
| WATER DIST. | 4 | |
| UTILITY COOR. | 1 | |
| RM506 | | 6 |
| PLAN SIZE | 12"X90" | |

EROSION CONTROL AND C.B. REQUISITION PLAN

| TYPE M | ☒ - CBW | ☐ - RESET | × - ABANDON | ☒ |
|---|---|---|---|---|
| 3 | 0 | 1 | 0 | NO WORK |

W. FAIRMOUNT AVE. - N. 107TH ST. TO N. 108TH ST. (1 OF 1)

ST211150159 12" X 90" 29541 #