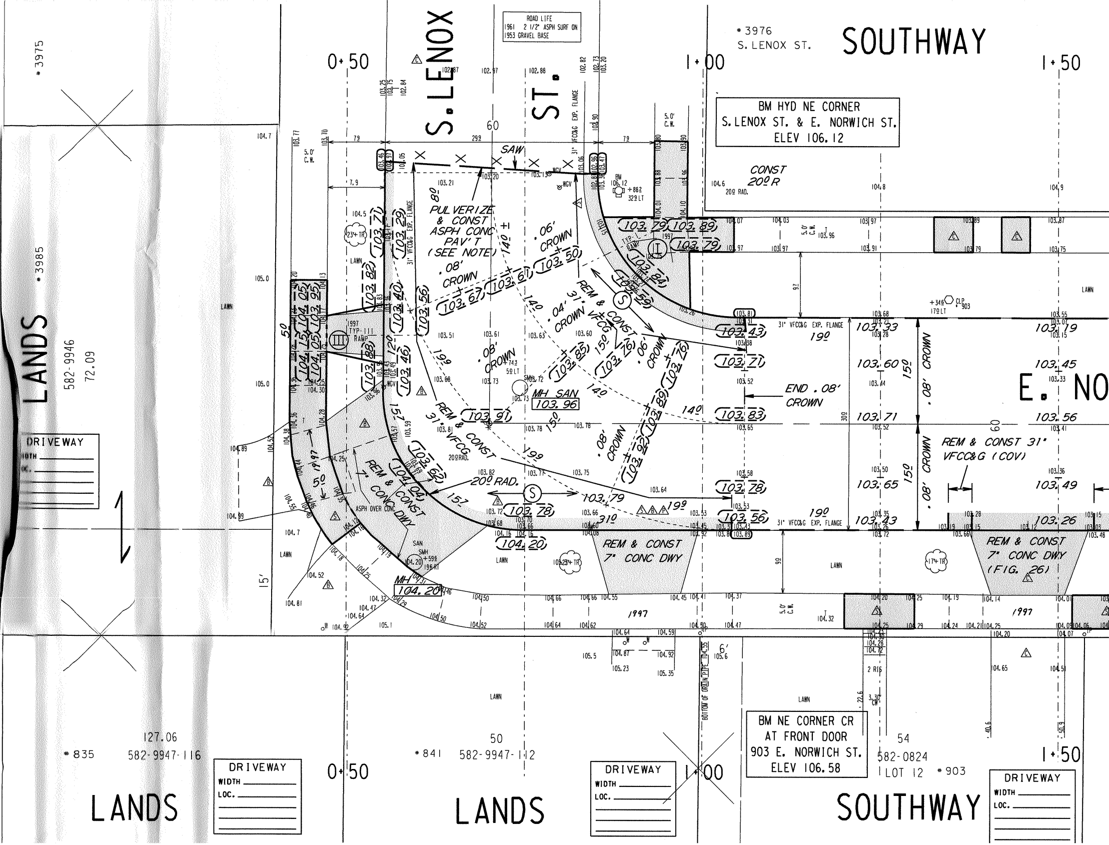
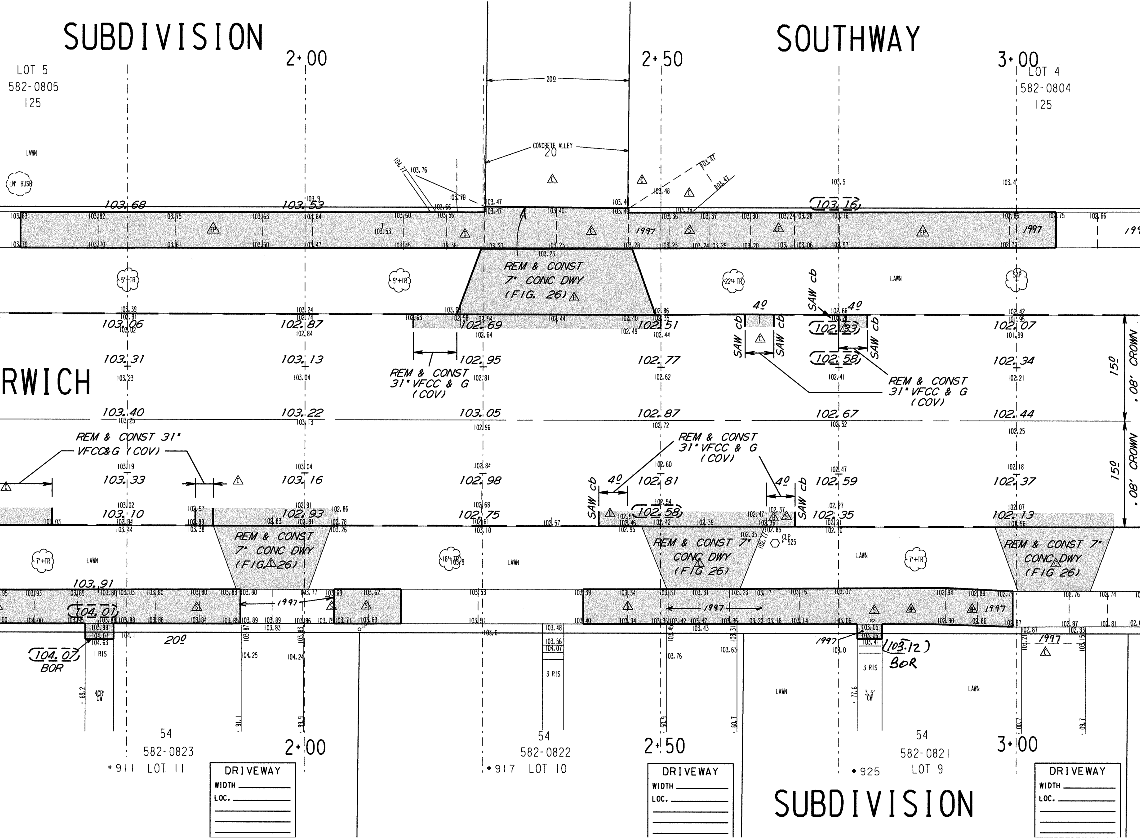
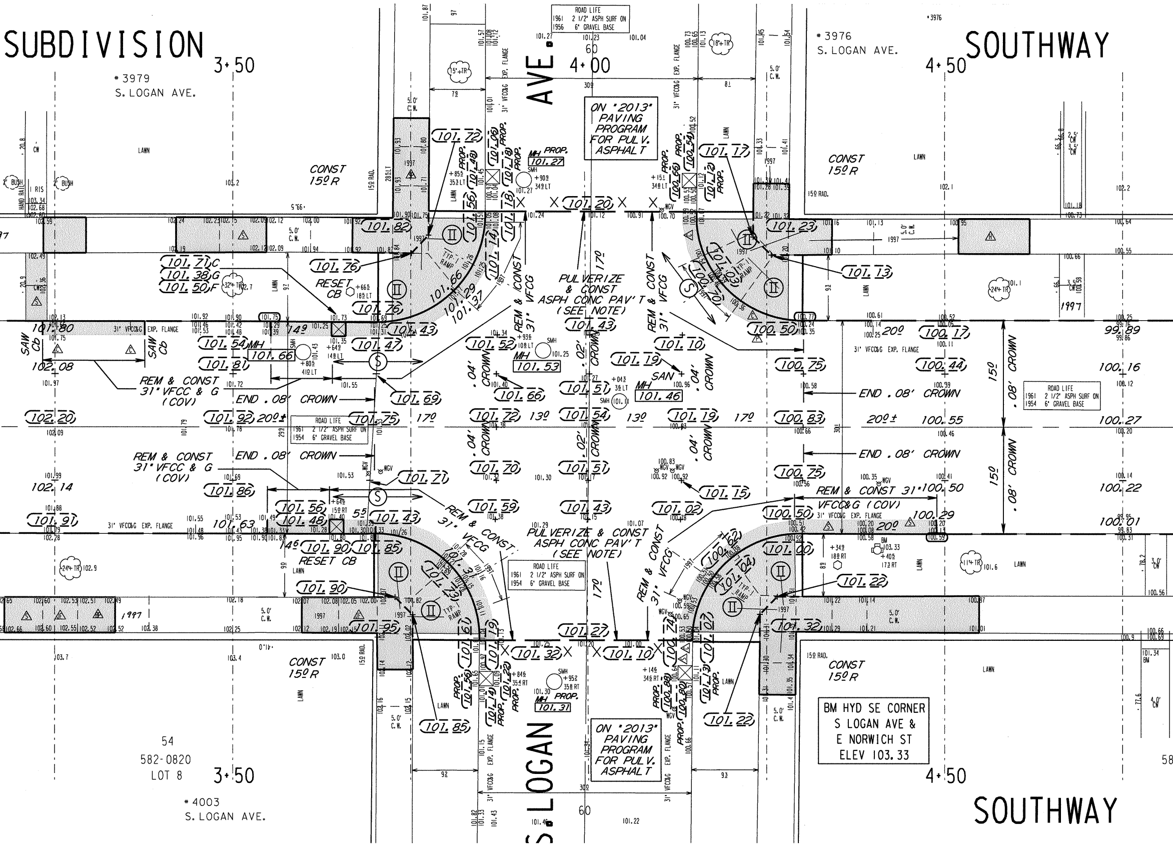
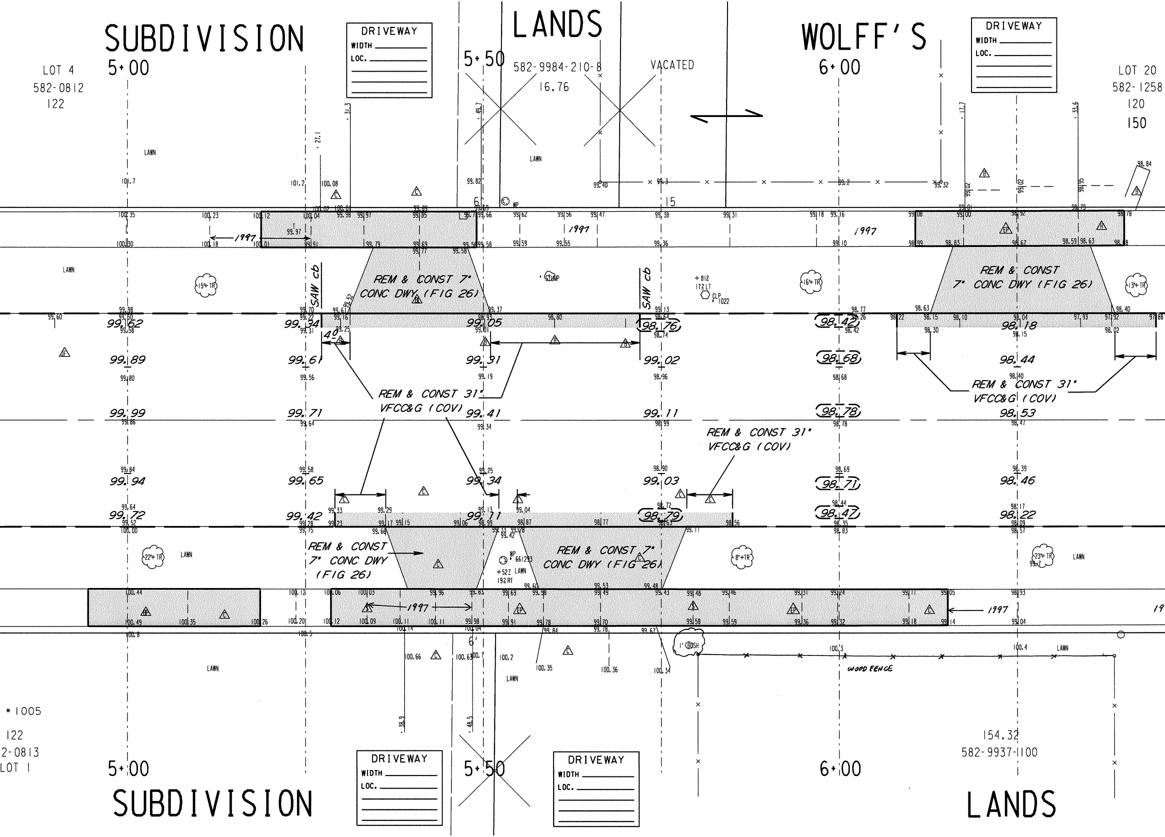
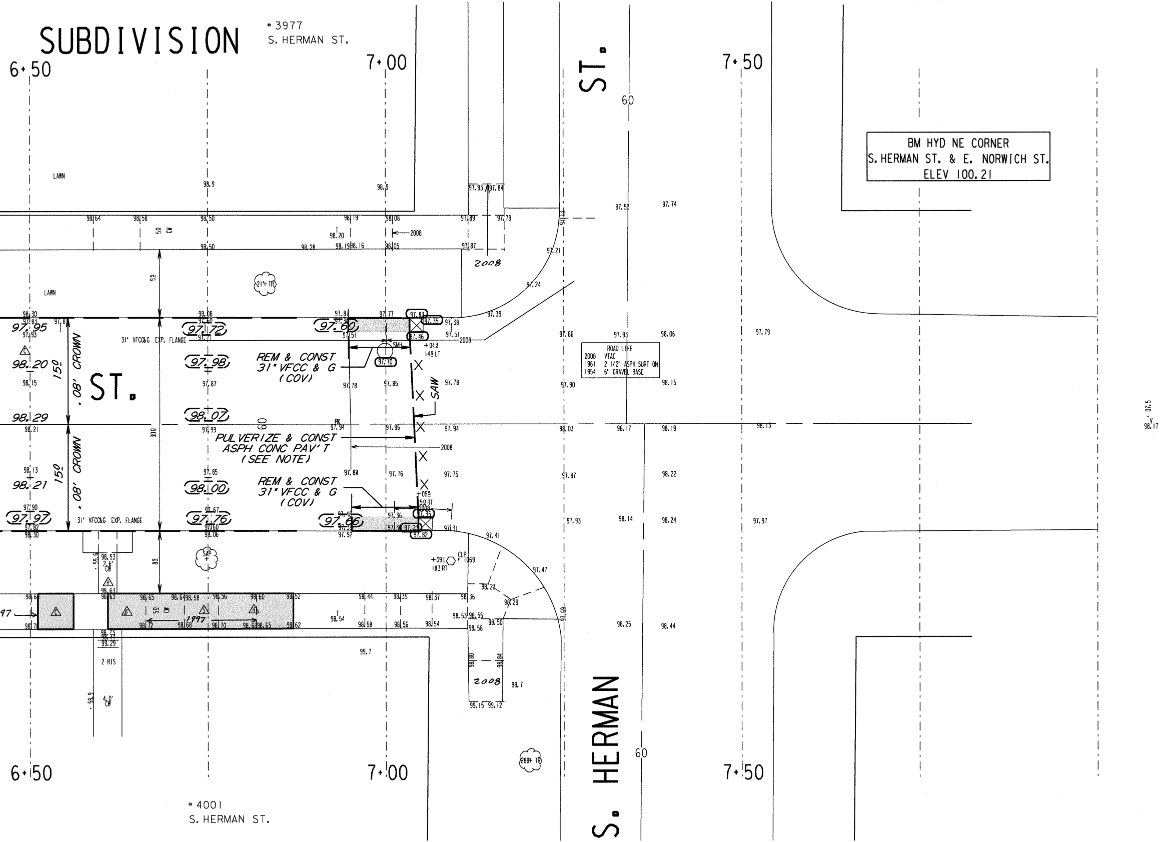
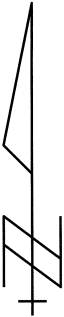

ROAD LIFE
1961 2 1/2" ASPH SURF ON
1953 GRAVEL BASE
S. LENOX ST.
SOUTHWAY
#3976
S. LENOX ST.
0+50
1+00
1+50
#3975
#3985
LANDS
582-9946
72.09
BM HYD NE CORNER
S. LENOX ST. & E. NORWICH ST.
ELEV 106.12
CONST
20º R
PULVERIZE
& CONST
ASPH CONC
PAV'T
(SEE NOTE)
SAW
.08' CROWN
.06' CROWN
.04' CROWN
REM & CONST 31" VFCC&G
REM & CONST 31" VFCC&G
20º RAD.
MH SAN 103.96
END .08' CROWN
E. NO
REM & CONST 31" VFCC&G (COV)
REM & CONST 7" CONC DWY
REM & CONST 7" CONC DWY (FIG. 26)
REM & CONST 7" CONC DWY
ASPH OVER CONC
MH 104.20
SAN SMH
1997
31' VFCC&G EXP. FLANGE
DRIVEWAY
WIDTH
LOC.
LAWN
BOTTOM OF DRAIN PIPE 104.35
BM NE CORNER CR
AT FRONT DOOR
903 E. NORWICH ST.
ELEV 106.58
127.06
#835
582-9947-116
#841
582-9947-112
50
54
582-0824
LOT 12
#903
LANDS
LANDS
SOUTHWAY


SUBDIVISION
SOUTHWAY
2+00
2+50
3+00
LOT 5
582-0805
125
LOT 4
582-0804
125
LAWN
LN' BUSH
CONCRETE ALLEY
20
20º
103.68
103.53
103.16
1997
RWICH
5'+TR
9'+TR
22'+TR
SAP
REM & CONST
7" CONC DWY
(FIG. 26)
103.06
102.87
102.69
102.51
102.83
102.07
103.31
103.13
102.95
102.77
102.58
102.34
REM & CONST
31" VFCC & G
(COV)
SAW cb
4º
103.40
103.22
103.05
102.87
102.67
102.44
15º
.08' CROWN
REM & CONST 31"
VFCC&G (COV)
103.33
103.16
102.98
102.81
102.59
102.37
103.10
102.93
102.75
102.58
102.35
102.13
REM & CONST
7" CONC DWY
(FIG. 26)
REM & CONST 7"
CONC DWY
(FIG 26)
7'+TR
18"+TR
CLP
925
103.91
104.01
104.07
BOR
103.12
BOR
1 RIS
3 RIS
4CR' CW
3.5' CW
1997
54
582-0823
#911 LOT 11
54
582-0822
#917 LOT 10
54
582-0821
#925 LOT 9
SUBDIVISION
DRIVEWAY
WIDTH
LOC.


SUBDIVISION
SOUTHWAY
SOUTHWAY
S. LOGAN AVE.
3+50
4+00
4+50
3+50
4+50
#3979 S. LOGAN AVE.
#3976 S. LOGAN AVE.
#4003 S. LOGAN AVE.
#3976
54
582-0820
LOT 8
ROAD LIFE
1961 2 1/2" ASPH SURF ON
1956 6" GRAVEL BASE
ROAD LIFE
1961 2 1/2" ASPH SURF ON
1954 6" GRAVEL BASE
ON "2013" PAVING PROGRAM FOR PULV. ASPHALT
ON "2013" PAVING PROGRAM FOR PULV. ASPHALT
PULVERIZE & CONST ASPH CONC PAV'T (SEE NOTE)
PULVERIZE & CONST ASPH CONC PAV'T (SEE NOTE)
REM & CONST 31" VFCG
REM & CONST 31" VFCG
REM & CONST 31" VFCG
REM & CONST 31" VFCG
REM & CONST 31" VFCC & G (COV)
REM & CONST 31" VFCC & G (COV)
REM & CONST 31" VFCC&G (COV)
END .08' CROWN
END .08' CROWN
END .08' CROWN
END .08' CROWN
.04' CROWN
.02' CROWN
.08' CROWN
15'
CONST 15' R
CONST 15' R
CONST 15' R
CONST 15' R
RESET CB
RESET CB
SAW Cb
SAW Cb
MH 101.27 PROP.
MH 101.53
MH 101.66
MH 101.46
MH 101.31 PROP.
SAN
SMH
WGV
31' VFCC&G EXP. FLANGE
5.0' C.W.
TYP. RAMP
15' RAD.
LAWN
1997
CW
HAND RAIL
BUSH
1 RIS
15'+TR
18'+TR
24'+TR
32'+TR
11'+TR
60
309
30'
79
81
92
93
170
130
200±
149
146
55
BM HYD SE CORNER S LOGAN AVE & E NORWICH ST ELEV 103.33
101.72
101.17
101.82
101.23
101.76
101.13
101.71 C
101.38 G
101.50 F
101.76
101.43
100.50
101.80
101.54
101.47
101.52
101.10
100.17
101.81
101.69
101.66
101.19
100.75
100.44
102.08
101.51
100.16
102.20
101.92
101.75
101.72
101.54
101.19
100.83
100.55
100.27
101.86
101.70
101.51
100.75
101.71
101.15
100.50
102.14
101.56
101.48
101.43
101.59
101.43
101.02
100.29
100.22
101.91
101.63
101.90
101.85
101.00
100.01
101.90
101.22
101.95
101.27
101.32
101.10
101.32
101.85
101.22
101.20
101.27


SUBDIVISION
LANDS
WOLFF'S
LOT 4
582-0812
122
5+00
5+50
582-9984-210-8
16.76
VACATED
6+00
LOT 20
582-1258
120
150
DRIVEWAY
WIDTH
LOC.
LAWN
1997
SAW cb
REM & CONST 7" CONC DWY (FIG 26)
REM & CONST 31" VFCC&G (COV)
REM & CONST 7" CONC DWY (FIG 26)
15± TR
16± TR
13± TR
22± TR
8± TR
23± TR
STUMP
CLP 1022
WP
1' BDSH
WOOD FENCE
99.62
99.34
99.05
98.76
98.42
98.18
99.89
99.61
99.31
99.02
98.68
98.44
99.99
99.71
99.41
99.11
98.78
98.53
99.94
99.65
99.34
99.03
98.71
98.46
99.72
99.42
99.11
98.79
98.47
98.22
#1005
122
2-0813
LOT 1
154.32
582-9937-1100
5+00
5+50
6+00
SUBDIVISION
LANDS


SUBDIVISION
*3977
S. HERMAN ST.
6+50
7+00
7+50
ST.
60
BM HYD NE CORNER
S. HERMAN ST. & E. NORWICH ST.
ELEV 100.21
LAWN
LAWN
21"+ TR
2008
2008
ST.
15.0'
.08' CROWN
15.0'
.08' CROWN
31" VFCC&G EXP. FLANGE
31" VFCC&G EXP. FLANGE
REM & CONST
31" VFCC & G
(COV)
PULVERIZE & CONST
ASPH CONC PAV'T
(SEE NOTE)
REM & CONST
31" VFCC & G
(COV)
SAW
SMH
+043
149 LT
+055
5.0 RT
2008
ROAD LIFE
2008 VTAC
1961 2 1/2" ASPH SURF ON
1954 6" GRAVEL BASE
300
95
89
60
CLP
+091
18.7 RT
1069
SAP
1997
5.0 CW
2.6' CW
4.0' CW
2 RIS
2008
26"+ TR
98.23
98.29
97.47
97.41
97.39
97.24
97.21
97.93
97.84
97.79
97.89
97.87
97.53
97.74
97.66
97.93
98.06
97.79
97.90
98.15
98.03
98.17
98.19
98.13
97.97
98.22
97.93
98.14
98.24
97.97
98.25
98.44
97.95
98.20
98.29
98.21
97.97
97.72
97.98
98.07
98.00
97.76
97.60
97.66
97.70
99.7
99.7
99.15
99.12
60
S. HERMAN
6+50
7+00
7+50
*4001
S. HERMAN ST.



## 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.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED SAN. (SANITARY)
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08' CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTIONS AS SHOWN.
- PULVERIZE EXISTING ASPHALT PAV'T., GRADE & RESHAPE TO 3" SUBGRADE.
  NEW ASPHALT PAV'T. SHALL CONSIST OF :
  1-1/2" ASPHALT TOP ON
  1-1/2" ASPHALT BINDER
- GRADE AND PLACE 1$^{\underline{5}}$ FT WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.

| 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" VF CONCRETE CURB & GUTTER | L.F. | | |
| ☐ | V.T. CONC.WALK &/OR DRIVEWAY | C.Y. | | |
| ☒ | 5" CONCRETE WALK | S.F. | | |
| ☒ | 31" VFCC&G (COV) | L.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 | | | |
| ☐ | 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 | | |
| ☒ | PULVERIZE ASPHALT PAVEMENT | S.Y. | | |
| ☐ | | | | |
| ☐ | | | | |
| ☐ | | | | |
| ☐ | | | | |

## QUANTITIES

| | | PLAN TOT. | PROJ.TOT. |
|---|---|---|---|
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DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

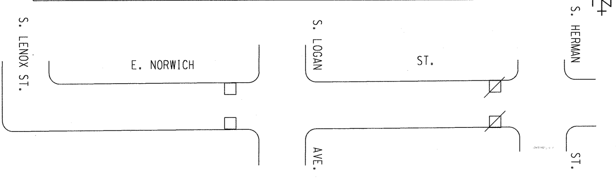
FILE NO. 958

PLAN OF: E. NORWICH ST. (3900S, 900E)
S. HERMAN ST. TO S. LENOX ST.
THIS SECTION:

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | D.BEKELE | DATE: 5-22-08 | PROJECT NO. ST211090110 | | SHEET 1 OF 1 |
| DESCRIPTIONS BY | D.BEKELE | DATE: 5-22-08 | | | |
| LEVELS BY | M.SCHULTZ | DATE: 9-22-08 | SCALE | 1/4 SEC. | ALD.DIST. |
| LEVELS TRANSF. BY | M.SCHULTZ | DATE: 9-22-08 | 1" = 10' | 582 | 14 |
| DESIGNED BY | S.WAGNER | DATE: 12-04-08 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | J. HAGEN | DATE: 2-11-09 | REVISED: 12/1/09 PULVERIZE, GRADES<br>S. CULL | | |
| CHECKED BY | D. Ulabah | DATE: 1/3/13 | | | |
| APPROVED BY | Robert D. Villa | DATE: 1/4/13 | REVISED: UPDATE DESIGN 10-18-12<br>WALCZAK | | |
| FILE: V:\PWELIB\PAVING\28844.FIN | | | | | |
| PLOT DATE: 20-DEC-2012 | | | REVISED: 12-12-12 ADD'L CWR S. CULL | | |

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

| DATE / TO | 6-16-09 | 1-7-13 | 7/17/13 | | |
|---|---|---|---|---|---|
| ESTIMATING | 1 | 1 | | | |
| HOLLOW WALKS | 1 | 1 | | | |
| PUBLIC HEARING | 1 | 1 | | | |
| CONSTRUCTION | 1 | 1 | 6 | | |
| SEWER | 1 | 1 | | | |
| WATER | 1 | 1 | | | |
| STREET LIGHTING | 2 | 1 | | | |
| BLDG. SERVICES | 1 | | | | |
| MEASURING | | | 1 | | |
| FIELD | | | 1 | | |
| DISTRICT FILE | 2 | 2 | | | |
| FORESTRY | 1 | 1 | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | 1 | 1 | | | |
| TRANSIT SYSTEM | | | | | |
| RM 506 | | | 15 | | |
| UND. GRD. COND. | 1 | 1 | | | |
| WATER DIST. | 1 | 1 | | | |
| WEPCO N/S | | 1 | | | |
| WEPCO S/S | 1 | | | | |
| SEWER SERVICES | 3 | | | | |
| UTILITY COOR. | 1 | 1 | | | |
| Bldg. Sewer | | 1 | | | |
| Traffic ENG | | 1 | | | |
| PLAN SIZE | 12" X 110" | | | | |


S. LENOX ST.
E. NORWICH
S. LOGAN
ST.
AVE.
S. HERMAN
ST.

EROSION CONTROL AND C.B. REQUISITION PLAN

| TYPE M | ☒ - CBW | ☐ - RESET | × - ABANDON | ⍁ NO WORK |
|---|---|---|---|---|
| 9 | 0 | 2 | 0 | |

E. NORWICH ST. - S. HERMAN ST. TO S. LENOX ST. (1 OF 1)
ST211090110 12" X 110" 28844 #958