MATCHLINE STA 125+20.00

MATCHLINE STA 130+80.00

HERMITAGE HILL RD (35'W)
PRIVATE RD

OUTER LADUE DR (50'W)
PRIVATE RD

CHIPPER RD (30'W)

GEYER RD (50'W)

SCALE
0 20 40 60

BRICK WALL & COLUMNS

ELEC CONDUIT

DECO LIGHT

STONE WALL

STORM

BORING UNDER ROAD

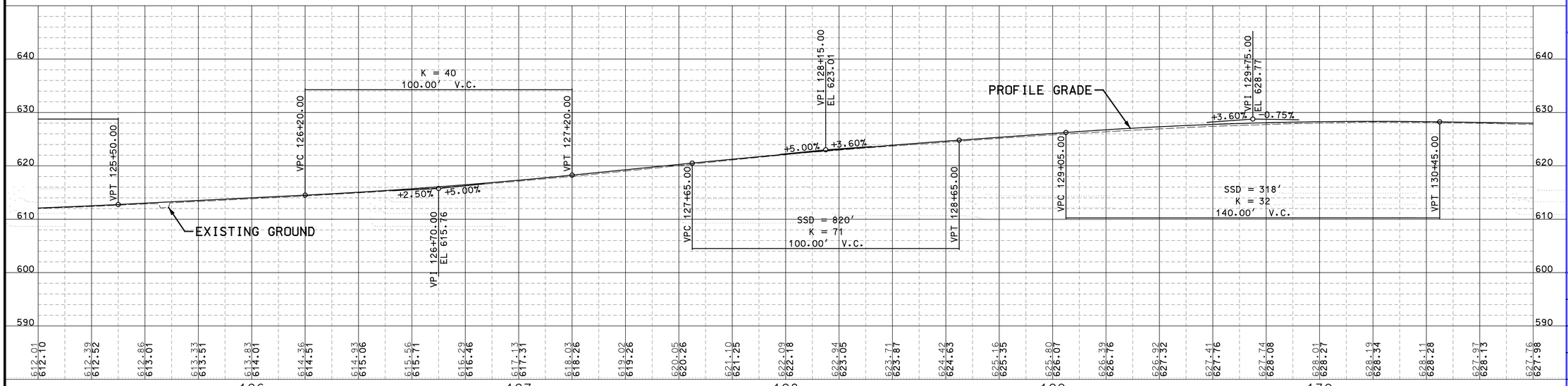
CONST LIMITS

UTIL POLE (REL BO)

UTIL POLE (REL BO)

UTIL POLE (REL BO)

STONE COLUMN W/ ELEC



PRELIMINARY PLANS

NOT FOR CONSTRUCTION

DATE

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REVISIONS			
REV	DATE	BY	DESCRIPTION

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MISSOURI STATE ENGINEERING CORPORATION CERTIFICATE/LICENSE NO. 2002031852

GEYER ROAD PHASE 2 IMPROVEMENTS

PLAN AND PROFILE
SHEET 2 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
–

MSD BASE MAP
20N,21N,22N

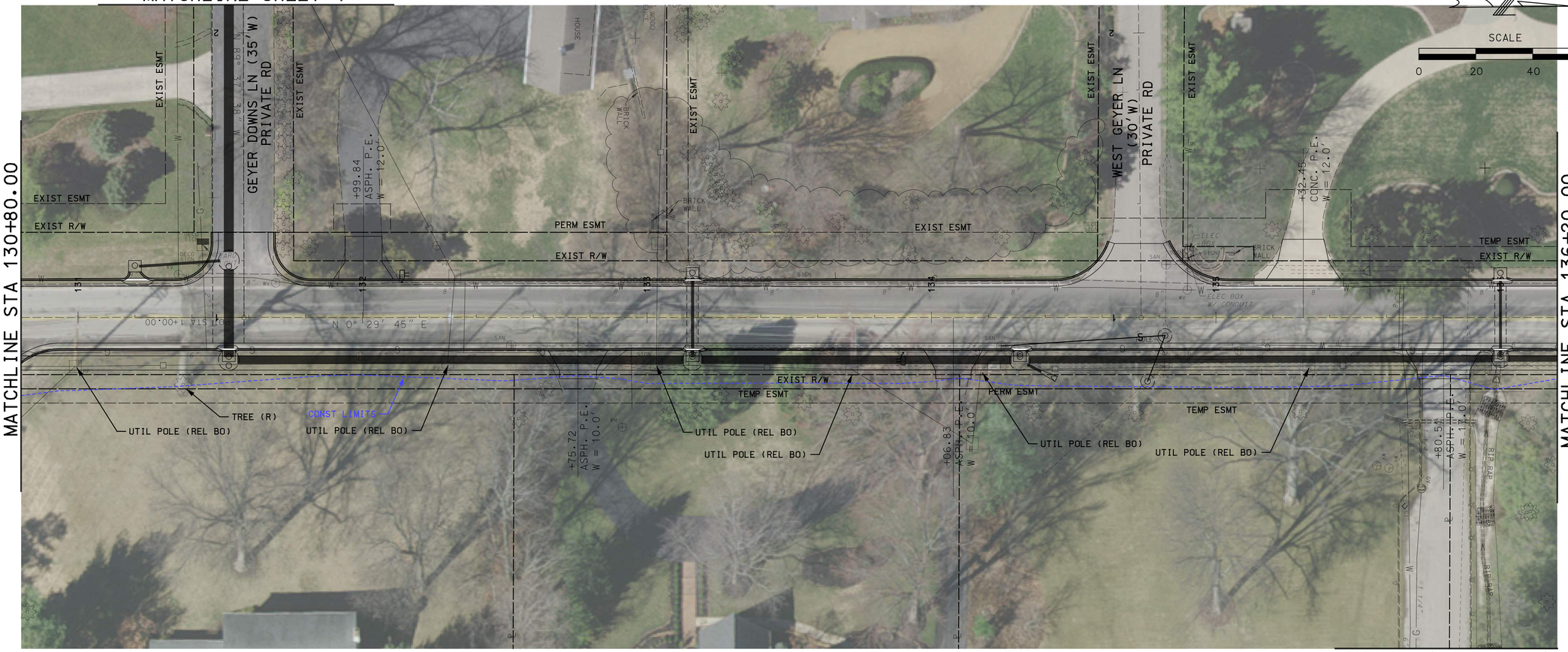
DATE PREPARED
2/14/2022

SHEET
5 OF 13

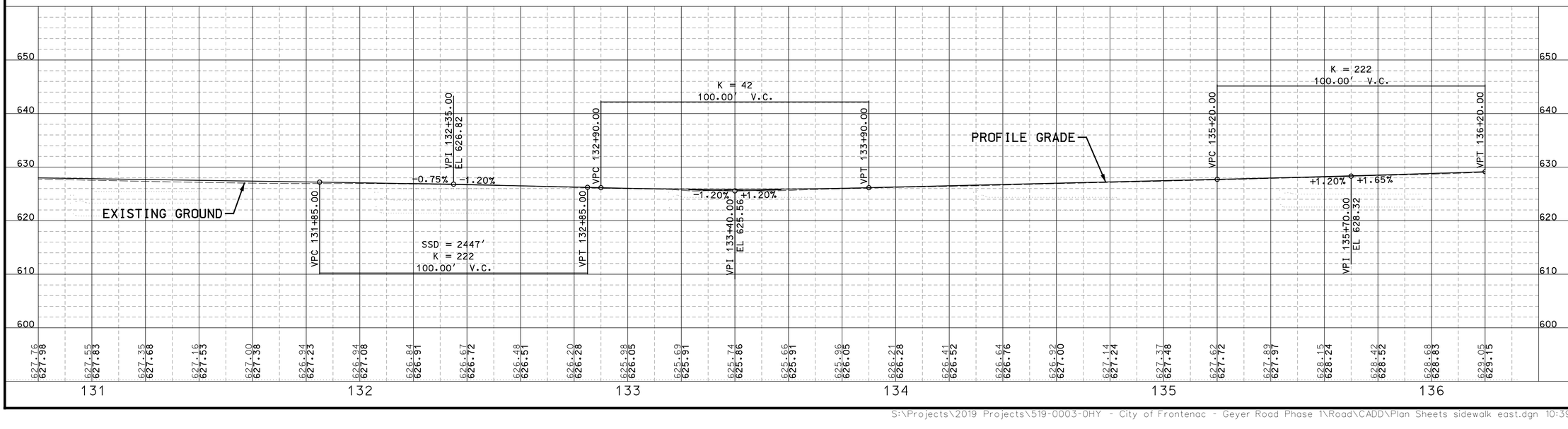
LOCHMUELLER PROJECT NO. 519-0003

S:\Projects\2019 Projects\519-0003-0HY - City of Frontenac - Geyer Road Phase 1\Road\CADD\Plan Sheets sidewalk east.dgn 10:39:25 AM 2/25/2022

MATCHLINE SHEET 4



MATCHLINE SHEET 4



PRELIMINARY PLANS

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GEYER ROAD PHASE 2 IMPROVEMENTS

PLAN AND PROFILE SHEET 3 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
—

MSD BASE MAP
20N,21N,22N

DATE PREPARED
2/14/2022

SHEET
6 OF 13

LOCHMUELLER PROJECT NO. 519-0003

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MATCHLINE STA 136+20.00

MATCHLINE STA 141+80.00

+64.37
CONC. P.E.
W = 12.5'

+09.00
ASPH. P.E.
W = 11.5'

+09.20
ASPH. P.E.
W = 11.0'

TEMP ESMT

EXIST R/W

EXIST ESMT

GEYER RD (40'W)

GEYER RD (50'W)

PORTLAND DR (35'W)
PRIVATE RD

S 76° 29' 45" W

BRICK WALL & COLUMNS

YARD LIGHTS

UTIL POLE (REL BO)

UTIL POLE (UIP)

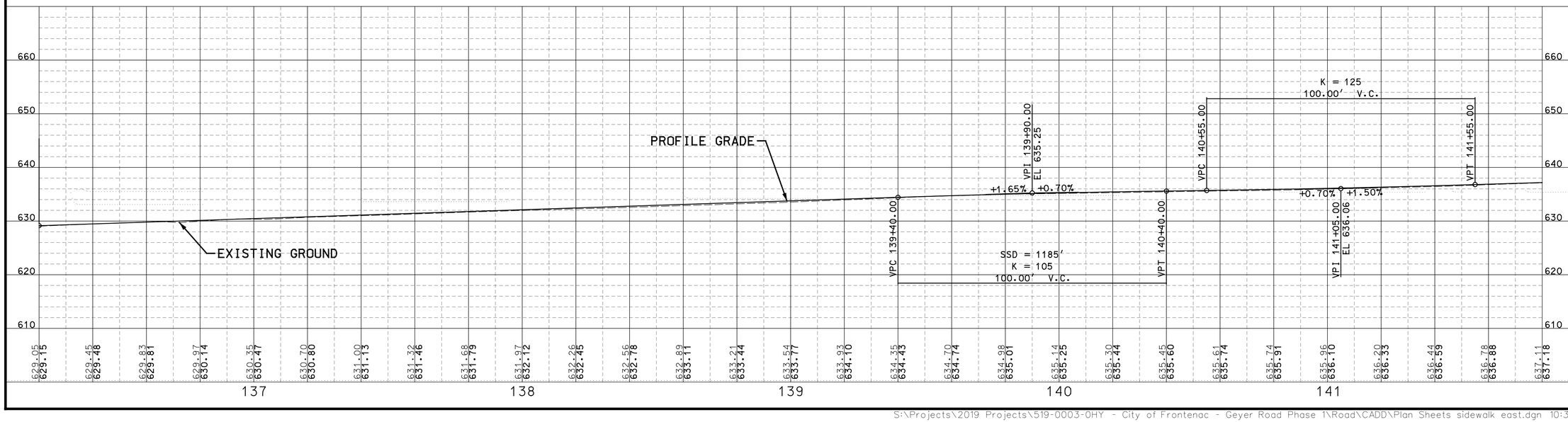
CONST LIMITS

BRICK WALL & COLUMNS W/ WROUGHT IRON FENCE

ELEC BOX

TREGARON PL (50'W)
PRIVATE RD

SCALE
0 20 40 60



PRELIMINARY PLANS

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GEYER ROAD PHASE 2 IMPROVEMENTS

PLAN AND PROFILE
SHEET 5 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
—

MSD BASE MAP
20N,21N,22N

DATE PREPARED
2/14/2022

SHEET
8 OF 13

LOCHMUELLER PROJECT NO. 519-0003

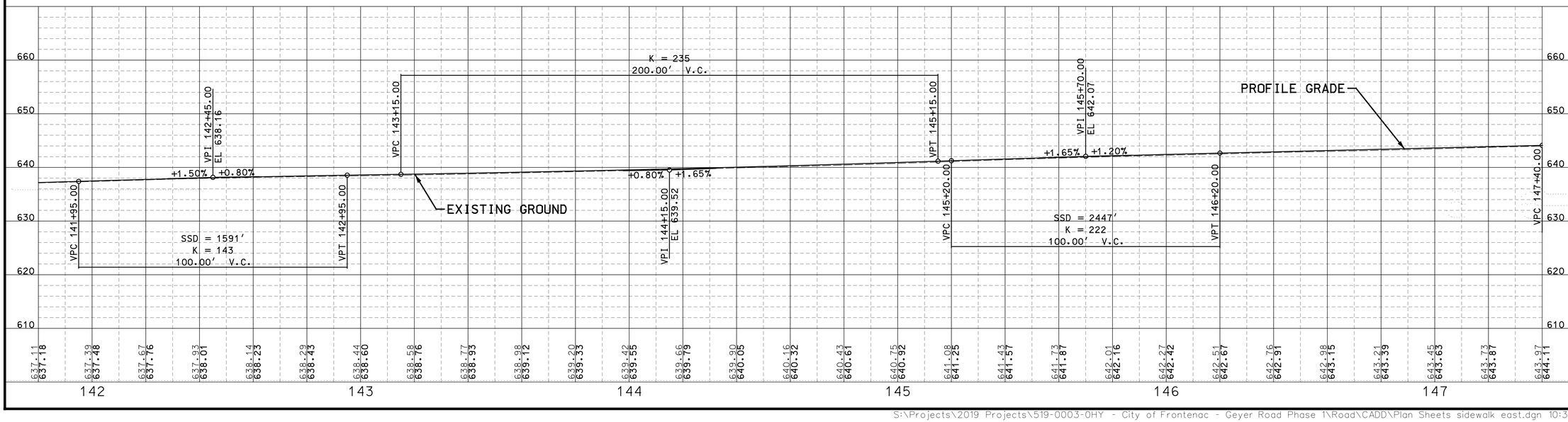
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MATCHLINE STA 141+80.00

MATCHLINE STA 147+40.00

SCALE
0 20 40 60

EXIST ESMT
EXIST R/W
TEMP ESMT
GEYER RD (40' W)
+24.58 ASPH. P.E. W = 14.5'
+10.46 CONC. P.E. W = 14.0'
+55.23 CONC. P.E. W = 14.0'
UTIL POLE (UIP)
UTIL POLE (REL BO)
CONST LIMITS
OUTLET
LANDSCAPE LIGHT
COUNTRY ESTATES PL (40' W) PRIVATE RD
PC STA +87.17



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GEYER ROAD PHASE 2 IMPROVEMENTS

PLAN AND PROFILE SHEET 6 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
–

MSD BASE MAP
20N,21N,22N

DATE PREPARED
2/14/2022

SHEET
9 OF 13

LOCHMUELLER PROJECT NO. 519-0003

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MATCHLINE STA 147+40.00

MATCHLINE STA 152+95.00

SCALE
0 20 40 60

+56.55
EXP. AGG.
CONC. P.E.
W = 17.0'

+77.73
EXP. AGG.
CONC. P.E.
W = 14.0'

+75.40
ASPH. P.E.
W = 12.0'

+37.96
ASPH. P.E.
W = 17.0'

+57.87
EXP. AGG.
CONC. P.E.
W = 16.0'

TEMP ESMT
EXIST R/W
EXIST ESMT
UTIL POLE (REL BO)
CONST LIMITS
STONE WALL
PLATE
MAILBOX
LANDSCAPE LIGHT
36" WOOD SPLIT RAIL
EXPOSED CONDUIT
GEORGIAN ACRES ST (30'W)
PRIVATE RD
PC STA 1+68.85
N 0° 29' 30" E
148
149
150
151
152

PROFILE GRADE
EXISTING GROUND
VPI 147+90.00
EL 644.71
+1.20%
-0.81%
VPT 148+40.00
SSD = 586'
K = 50
100.00' V.C.
VPC 151+45.00
VPI 152+75.00
EL 640.78
-0.81%
-4.45%
SSD = 426'
K = 71
260.00' V.C.

148	149	150	151	152
643.97 / 644.11	644.19 / 644.31	644.38 / 644.43	644.39 / 644.47	644.32 / 644.43
644.19 / 644.31	644.06 / 644.15	643.82 / 643.98	643.77 / 643.82	643.60 / 643.66
643.39 / 643.50	643.20 / 643.34	643.02 / 643.17	642.84 / 643.01	642.66 / 642.85
642.49 / 642.69	642.33 / 642.53	642.20 / 642.36	642.03 / 642.20	641.87 / 642.04
641.71 / 641.88	641.53 / 641.70	641.31 / 641.47	640.98 / 641.18	640.57 / 640.84
640.19 / 640.44	639.71 / 639.98	639.19 / 639.47		

660 650 640 630 620 610

PRELIMINARY PLANS

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GEYER ROAD PHASE 2 IMPROVEMENTS

PLAN AND PROFILE
SHEET 7 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
-

MSD BASE MAP
20N,21N,22N

DATE PREPARED
2/14/2022

SHEET
10 OF 13

LOCHMUELLER PROJECT NO. 519-0003

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MATCHLINE STA 152+95.00

BEGIN CONSTRUCTION
STA. 3+15.00

SCALE
0 20 40 60

CLAYTON RD (60' W)

EXIST R/W

1:50 TAPER

1:30 TAPER

TEMP ESMT

PROP R/W

GEYER RD (WIDTH VARIES)

LANDSCAPE LIGHT

+01.06
ASPH. P.E.
W = 17.0'

+69.37
ASPH. P.E.
W = 12.0'

SIGNAL LOOP

1:10 TAPER

+21.92
EXP. AGG.
CONC. P.E.
W = 15.0'

+92.05
ASPH. P.E.
W = 12.0'

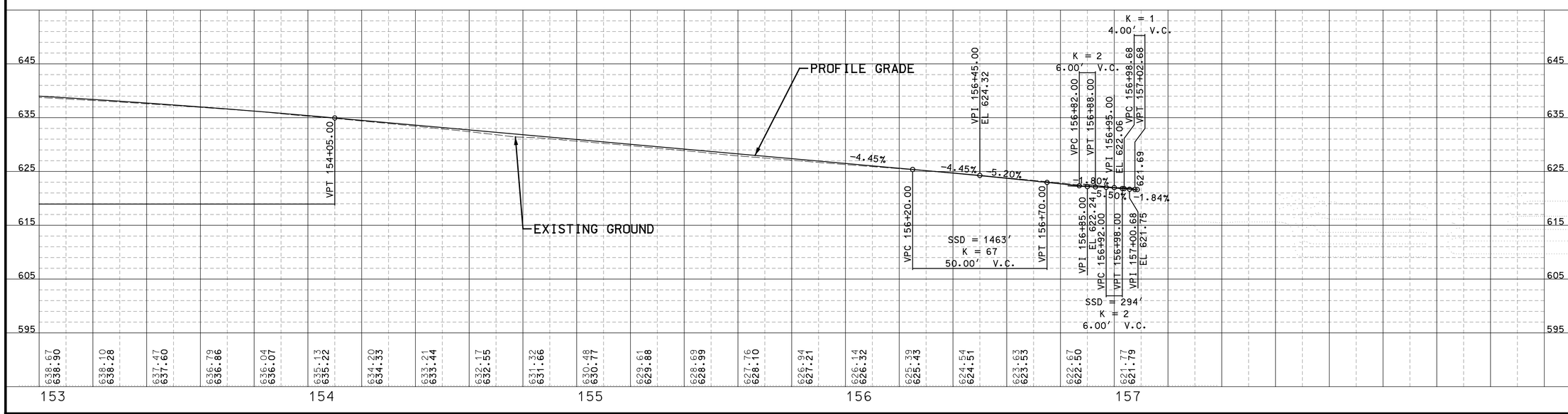
+10.47
ASPH. P.E.
W = 12.0'

+60.66
ASPH. P.E.
W = 15.6'

UTIL POLE (UIP)

UTIL POLE (REL BQ)

MATCHLINE STA 5+40.00



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GEYER ROAD PHASE 2
IMPROVEMENTS

PLAN AND PROFILE
SHEET 8 OF 10

PROJECT/JOB NO.
STP-5503(608)

MSD PROJECT NO.
-

MSD BASE MAP
20N,21N,22N

DATE PREPARED
2/14/2022

SHEET
11 OF 13

LOCHMUELLER PROJECT NO. 519-0003

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