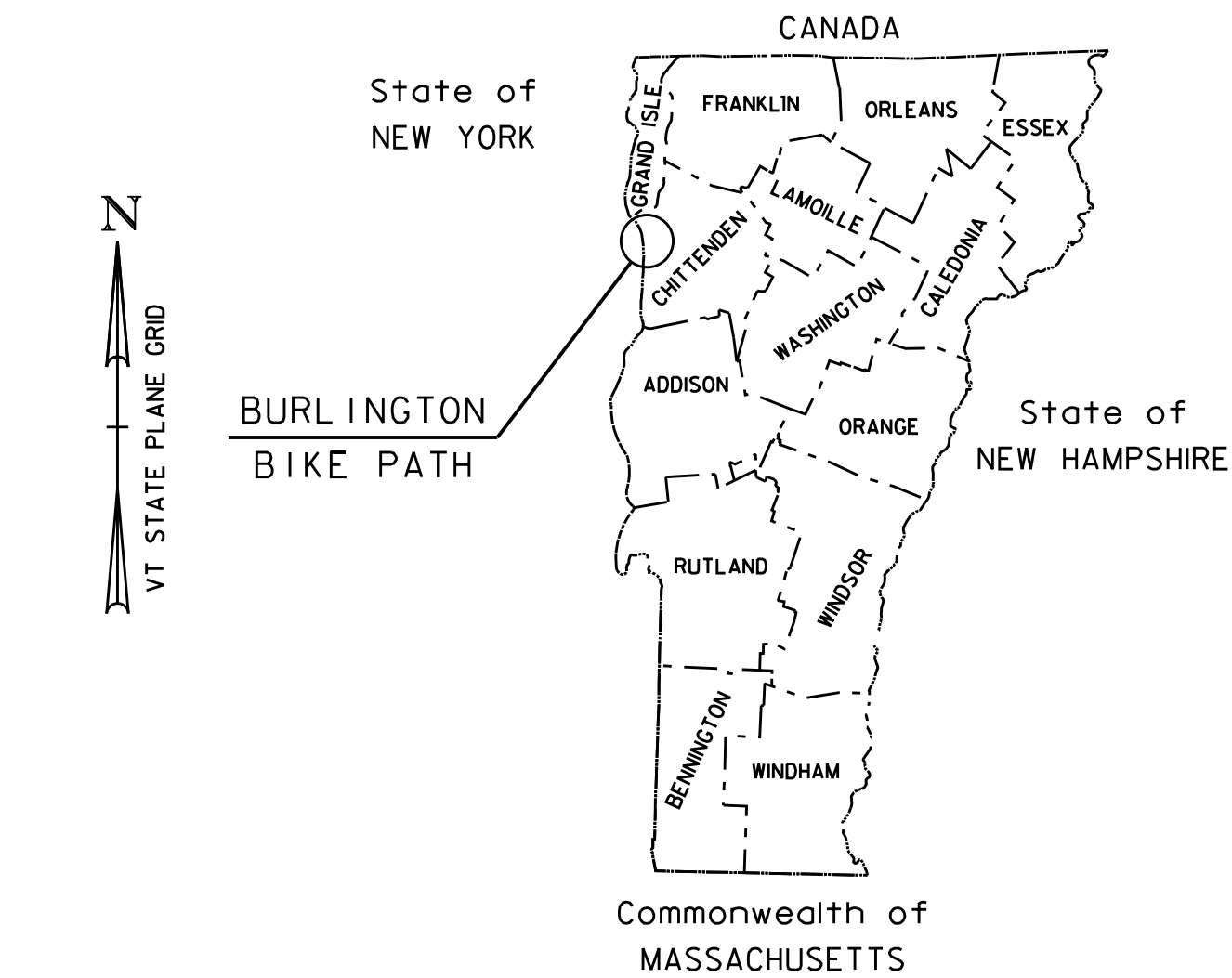


CITY OF BURLINGTON



PROPOSED IMPROVEMENT  
BURLINGTON BIKE PATH  
REHABILITATION PROJECT  
PHASE 3B (SOUTH)

CITY OF BURLINGTON  
COUNTY OF CHITTENDEN

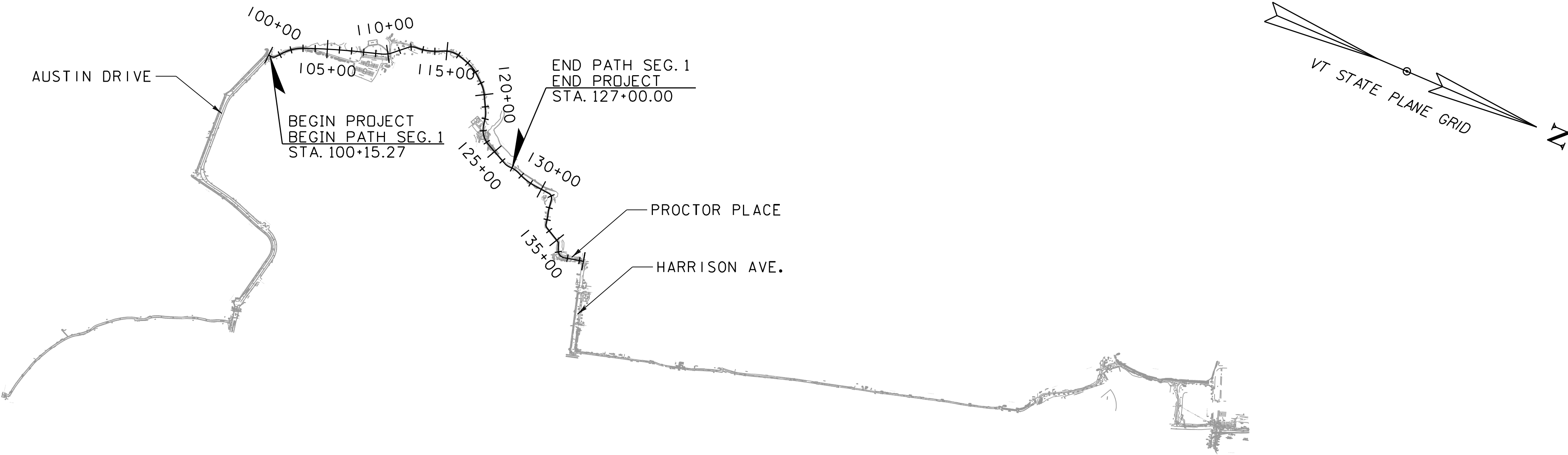


**CONTRACT PLANS (100%)**  
APRIL 2021

PROJECT LOCATION: LOCATED IN THE COUNTY OF CHITTENDEN, CITY OF BURLINGTON, THE PROJECT RUNS FROM AUSTIN DRIVE TO BLANCHARD BEACH.

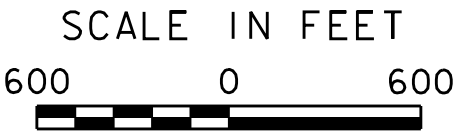
PROJECT DESCRIPTION: WORK TO BE PERFORMED INCLUDES REMOVAL OF THE EXISTING PATH PAVEMENT; THE WIDENING AND REPAVING OF THE PATH; INSTALLATION OF PAVEMENT MARKINGS, SIGNS, AND CONCRETE SIDEWALK RAMPS; THE RECONFIGURATION OF THE PATH AT THE FLYNN AVENUE INTERSECTION, AND OTHER INCIDENTAL ITEMS.

LENGTH OF PROJECT: SEGMENT 1: 0.51 MILES (2684.73 FEET)  
TOTAL: 0.51 MILES (2684.73 FEET)



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2018, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THIS CONTRACT.

|                 |  |                                                                                                     |
|-----------------|--|-----------------------------------------------------------------------------------------------------|
| SURVEYED BY :   |  | VHB<br>ALDRICH + ELLIOT, PC<br>BUTTON PROFESSIONAL LAND SURVEYORS, PC<br>CROSS CONSULTING ENGINEERS |
| SURVEYED DATE : |  | AUGUST 2013, AUG. 2015, SEPTEMBER 2018                                                              |
| DATUM           |  |                                                                                                     |
| VERTICAL        |  | NAVD 88                                                                                             |
| HORIZONTAL      |  | NAD 83 (07)                                                                                         |



|                      |  |                               |
|----------------------|--|-------------------------------|
| PROJECT MANAGER :    |  | EVAN P. DETRICK, P.E.         |
| PROJECT NAME :       |  | BURLINGTON BIKE PATH PHASE 3B |
| PROJECT NUMBER :     |  | 58109.01                      |
| SHEET 1 OF 52 SHEETS |  |                               |



SEGMENT 1

| POINT | STATION   | NORTHING  | EASTING    |
|-------|-----------|-----------|------------|
| POT   | 100+15.27 | 712045.96 | 1450636.77 |
| POC   | 127+00.00 | 714136.37 | 1451295.94 |

SEGMENT 1 EXTENDS FROM AUSTIN DRIVE  
TO BLANCHARD BEACH.  
LENGTH OF SEGMENT 1 = 3659.46 FT

LEGEND

POB POINT OF BEGINNING ALIGNMENT  
POE POINT OF END ALIGNMENT

NOTES:

BASLINE STATIONING IS NOT CONTINUOUS.  
EQUALITIES HAVE BEEN INCORPORATED INTO THE  
BASLINE STATIONING. SEE LAYOUT SHEETS FOR  
EQUALITY INFORMATION AND CURVE DATA.

PROJECT NAME: BURLINGTON BIKE PATH PHASE 3B  
PROJECT NUMBER: 58109.01

|                             |                         |
|-----------------------------|-------------------------|
| FILE NAME: 58109ali_pt.dgn  | PLOT DATE: 4/23/2021    |
| PROJECT LEADER: E.P.DETRICK | DRAWN BY: C.K.FORD      |
| DESIGNED BY: B.M.ROBERTS    | CHECKED BY: E.P.DETRICK |
| ALIGNMENT POINTS SHEET      | SHEET 12 OF 52          |





PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
STA 100+15 - 100+22  
STA 100+61 - 100+69, LT

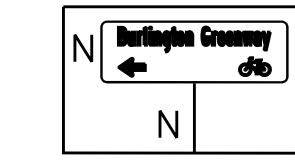
CAST-IN-PLACE CONCRETE  
CURB, TYPE B  
STA 100+15, LT/RT

4 INCH YELLOW LINE, WATERBORNE PAINT  
STA 100+50 - 101+00, BL (SOLID)  
STA 101+00 - 105+50, BL (DASHED)

CURVE (3)  
DELTA = 35°51'00"  
D = 15°41'51" (1) D = 1°08'45" (2)  
R = 365.00' (1) R = 5000.00' (2)  
T = 146.97' (1) T = 490.38' (2)  
L = 197.18' (1) L = 427.42' (2)  
E = 28.48'

SPECIAL PROVISION  
(BURLINGTON GREENWAY SIGN -  
IDENTIFICATION SIGN)  
STA 100+21, RT

DETECTABLE  
WARNING SURFACE  
STA 100+17



APPROX. CITY ROW

GRASS STRIP

BIKE ROUTE

SHOULDER

NO PARKING

FROM BIK PATH

CC PEDESTRIAN

CROSSING

SEE LANDSCAPE LAYOUT  
PLANS FOR MORE DETAIL

APPROX. CITY ROW

PC STA 100+27.61

PI (CURVE 1)  
STA 100+44.13

PT STA 100+58.48

PC STA 100+86.45

PI (CURVE 2)  
STA 101+00.10

PT STA 101+10.10

PC STA 101+38.10

PI (CURVE 3)  
STA 102+54.52

PT STA 103+04.73

PC STA 103+32.73

PI (CURVE 4)  
STA 104+55.00

PT STA 105+05.00

PC STA 105+33.00

PI (CURVE 5)  
STA 106+00.00

PT STA 106+10.00

PC STA 106+38.00

PI (CURVE 6)  
STA 107+00.00

PT STA 107+10.00

PC STA 107+38.00

PI (CURVE 7)  
STA 108+00.00

PT STA 108+10.00

PC STA 108+38.00

PI (CURVE 8)  
STA 109+00.00

PT STA 109+10.00

PC STA 109+38.00

PI (CURVE 9)  
STA 110+00.00

PT STA 110+10.00

BEGIN PROJECT  
STA. 100+15.27

STOP

REMOVE OAKLEDGE PARK  
SIGN AND RESET AT  
STA 100+70, RT

11' PAVED PATH WITH  
2' AGGREGATE  
SHOULDER ON BOTH  
SIDES

REMOVE 3 MAPLE TREES  
AND 1 ASH TREE IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

PROTECT TREES

REMOVE EXISTING  
PAVEMENT AND  
SUBBASE. TOPSOIL,  
SEED, AND MULCH

REMOVE 1 POTENTIAL  
ROOST TREE (PRT) AND  
6 OTHER TREES IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

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TO ITEM 201.10)

REMOVE 1 POTENTIAL  
ROOST TREE (PRT) AND  
6 OTHER TREES IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

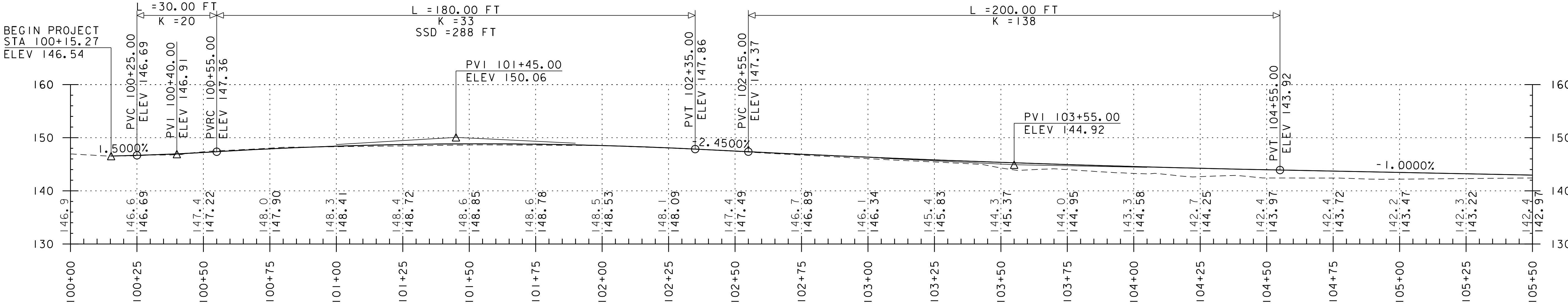
REMOVE 1 POTENTIAL  
ROOST TREE (PRT) AND  
6 OTHER TREES IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

REMOVE 1 POTENTIAL  
ROOST TREE (PRT) AND  
6 OTHER TREES IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

REMOVE 1 POTENTIAL  
ROOST TREE (PRT) AND  
6 OTHER TREES IF  
PRESENT (INCIDENTAL  
TO ITEM 201.10)

## Section 1: Austin Drive to Upper Pavilion

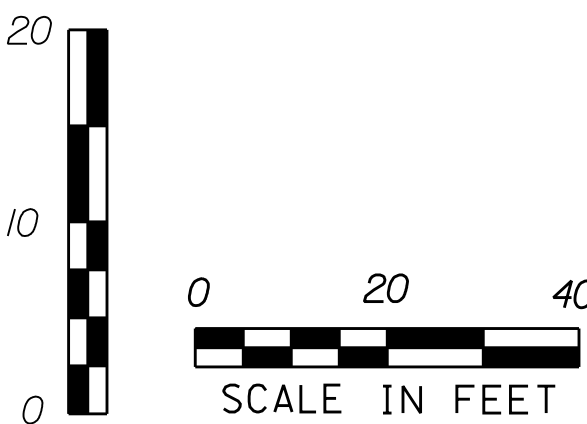
SIGNING LEGEND  
N = NEW SIGN  
R&R = REMOVE AND RESET



THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL  
GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE FINISH  
GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET (TYP.)



PROJECT NAME: BURLINGTON BIKE PATH PHASE 3B  
PROJECT NUMBER: 58109.01

FILE NAME: 58109bdr\_nul.dgn  
PROJECT LEADER: E.P.DETRICK  
DESIGNED BY: C.K.FORD  
PLAN AND PROFILE (SHEET 10F 5)

PLOT DATE: 4/23/2021  
DRAWN BY: C.K.FORD  
CHECKED BY: E.P.DETRICK  
SHEET 13 OF 52

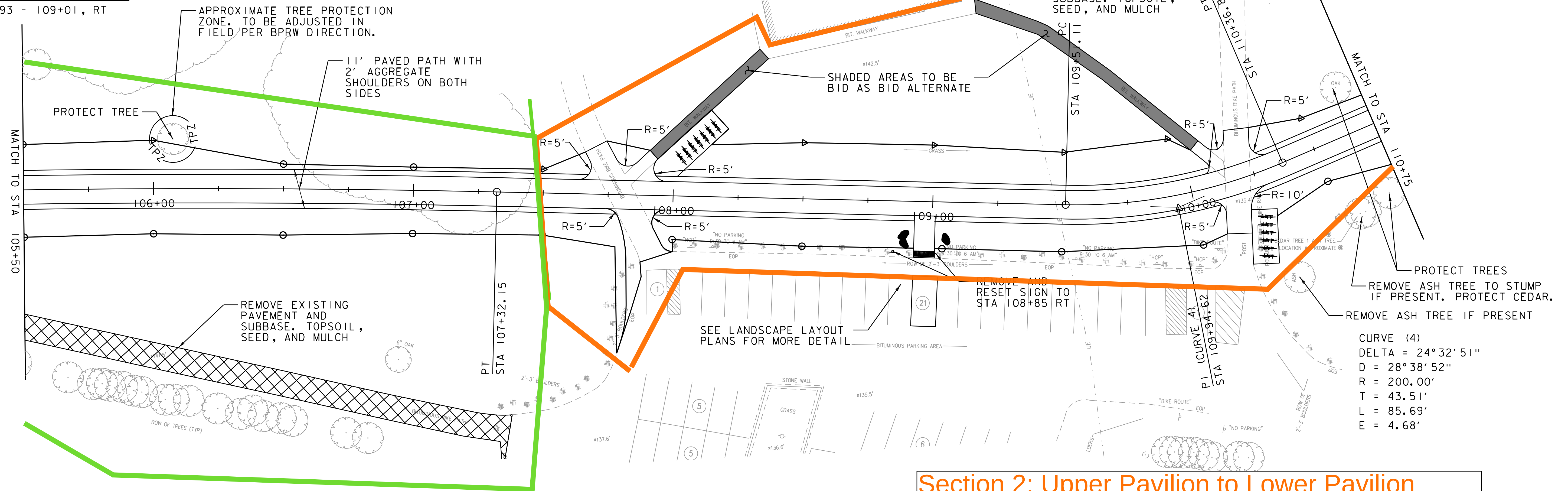


4 INCH YELLOW LINE, WATERBORNE PAINT  
STA 105+50 - 110+75, BL (DASHED)  
4 INCH WHITE LINE, WATERBORNE PAINT  
STA 108+93 - 109+02 (HATCHING)  
DETECTABLE WARNING SURFACE  
STA 108+93 - 109+01, RT

REMOVING SIGNS  
STA 109+01, RT  
STA 110+68, LT  
RESETTING SIGNS  
STA 108+85, RT

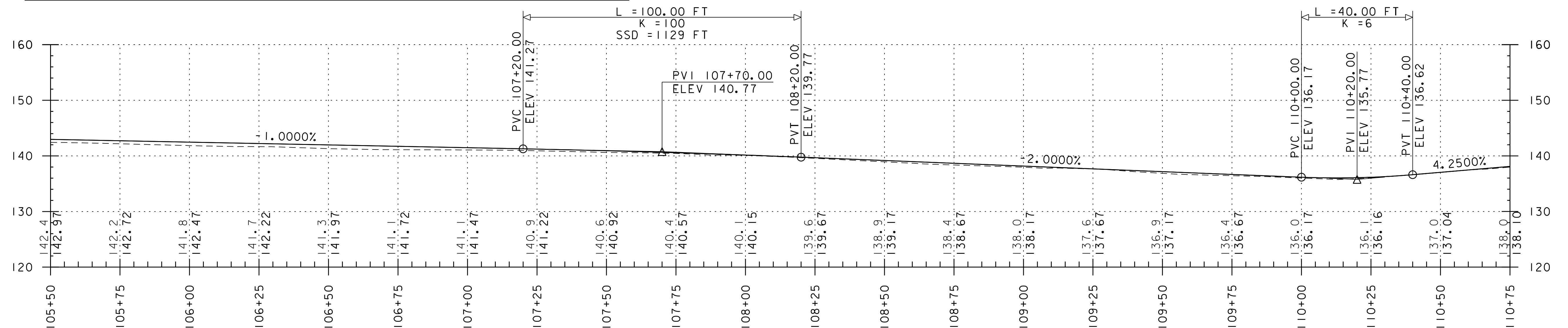
PORTLAND CEMENT CONCRETE  
SIDEWALK, 5 INCH  
STA 107+92 - 108+21, LT  
STA 108+93 - 109+01, RT  
STA 110+15 - 110+29, RT

SPECIAL PROVISION (BIKE RACK)  
STA 108+03 - 108+16, LT (7 RACKS)  
STA 110+20 - 110+24, RT (6 RACKS)



## Section 1: Austin Drive to Upper Pavilion

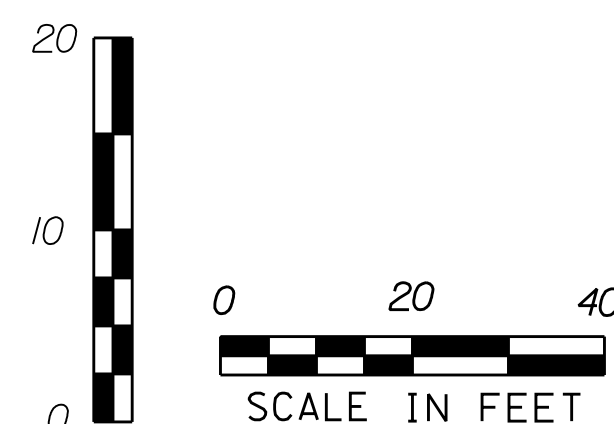
## Section 2: Upper Pavilion to Lower Pavilion



THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL  
GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE FINISH  
GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET (TYP.)

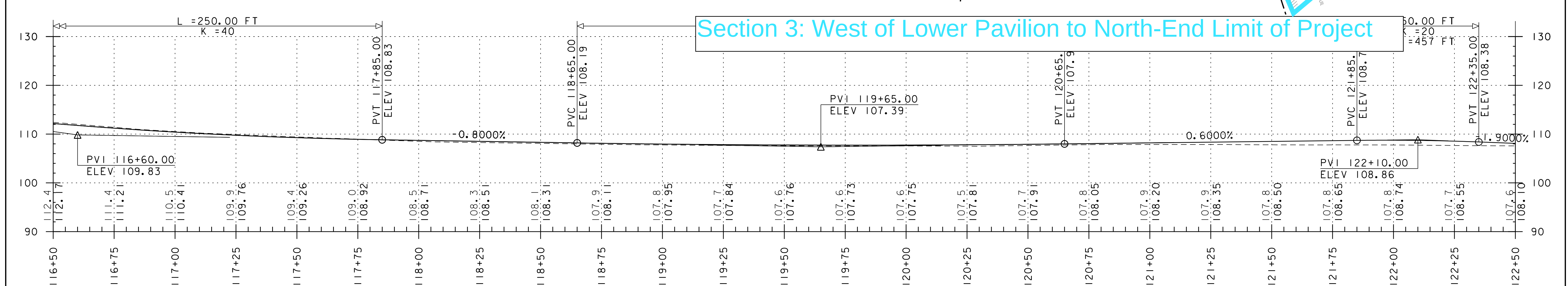
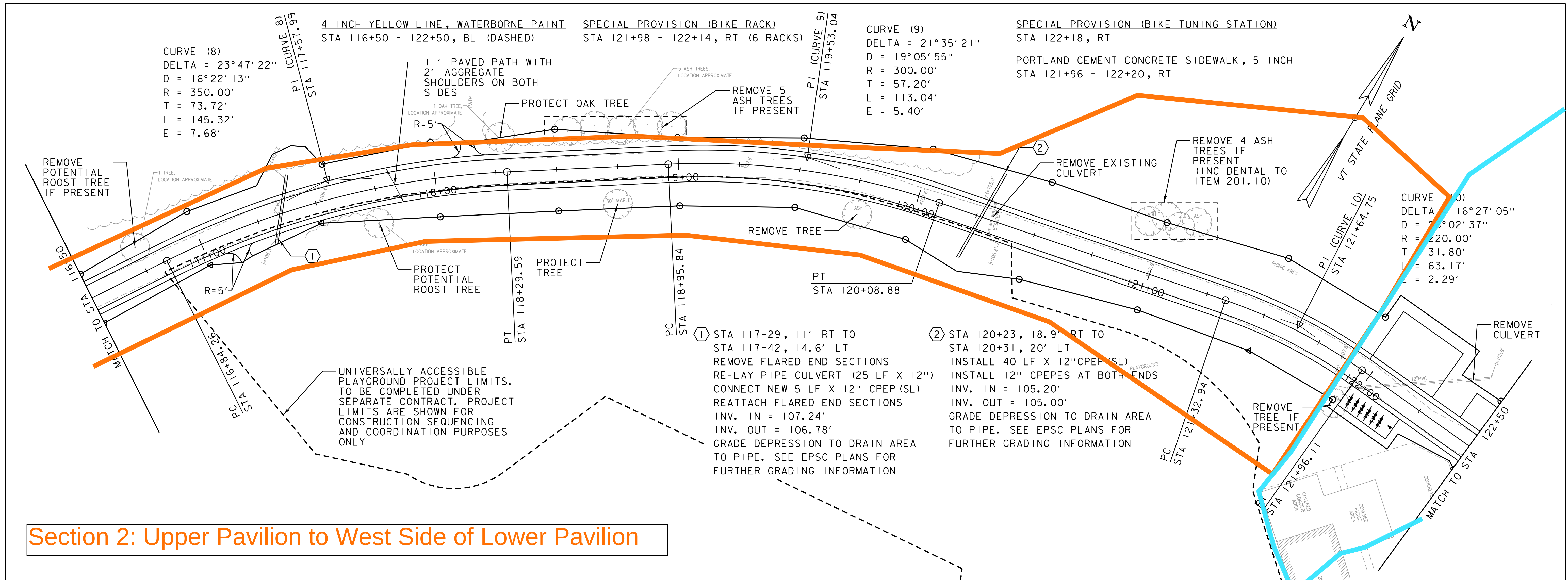


|                                 |                               |
|---------------------------------|-------------------------------|
| PROJECT NAME:                   | BURLINGTON BIKE PATH PHASE 3B |
| PROJECT NUMBER:                 | 58109.01                      |
| FILE NAME:                      | 58109bdr_nul.dgn              |
| PROJECT LEADER:                 | E.P.DETRICK                   |
| DESIGNED BY:                    | C.K.FORD                      |
| PLAN AND PROFILE (SHEET 2 OF 5) |                               |
| PLOT DATE:                      | 4/23/2021                     |
| DRAWN BY:                       | C.K.FORD                      |
| CHECKED BY:                     | E.P.DETRICK                   |
| SHEET                           | 14 OF 52                      |





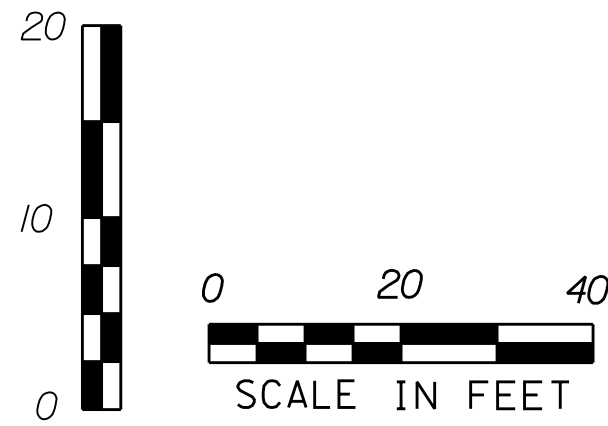




THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

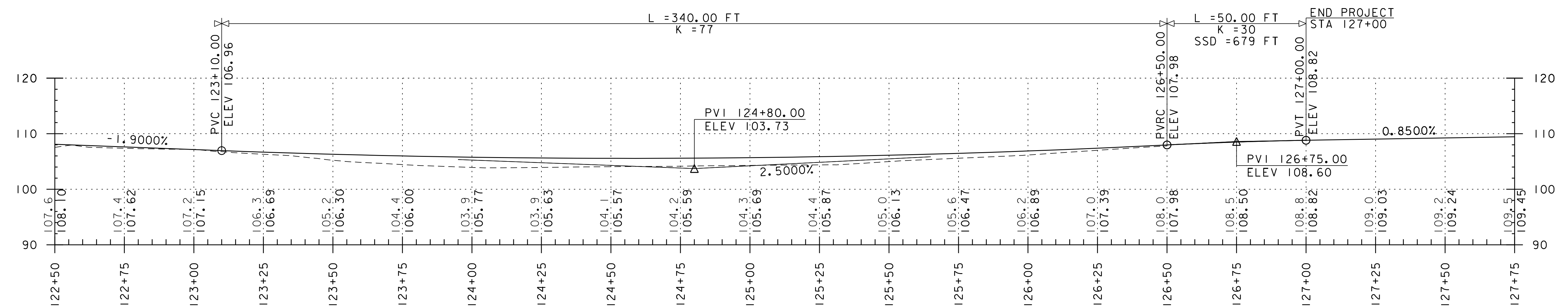
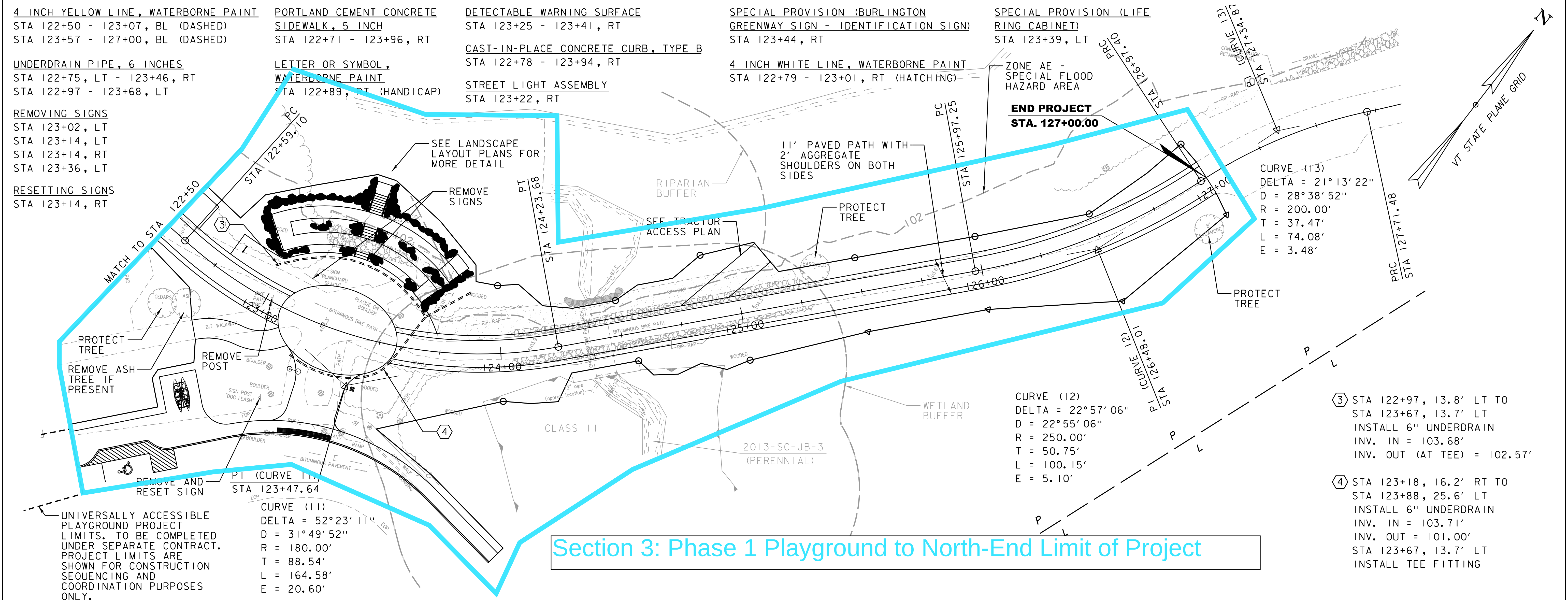
THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE FINISH GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET (TYP.)



|                                 |                               |
|---------------------------------|-------------------------------|
| PROJECT NAME:                   | BURLINGTON BIKE PATH PHASE 3B |
| PROJECT NUMBER:                 | 58109.01                      |
| FILE NAME:                      | 58109bdr_nul.dgn              |
| PROJECT LEADER:                 | E.P.DETRICK                   |
| DESIGNED BY:                    | C.K.FORD                      |
| PLAN AND PROFILE (SHEET 4 OF 5) |                               |
| PLOT DATE:                      | 4/23/2021                     |
| DRAWN BY:                       | C.K.FORD                      |
| CHECKED BY:                     | E.P.DETRICK                   |
| SHEET                           | 16 OF 52                      |

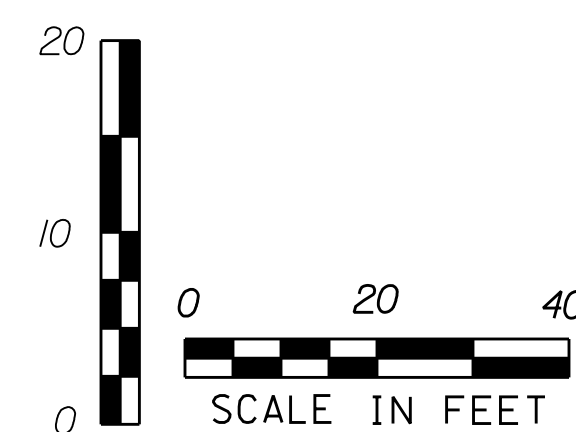




THE GRADES SHOWN TO THE NEAREST TENTH ARE THE ORIGINAL  
GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE FINISH  
GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET (TYP.)



|                                 |                               |
|---------------------------------|-------------------------------|
| PROJECT NAME:                   | BURLINGTON BIKE PATH PHASE 3B |
| PROJECT NUMBER:                 | 58109.01                      |
| FILE NAME:                      | 58109bdr_nul.dgn              |
| PROJECT LEADER:                 | E.P.DETRICK                   |
| DESIGNED BY:                    | C.K.FORD                      |
| PLAN AND PROFILE (SHEET 5 OF 5) |                               |
| PLOT DATE:                      | 4/23/2021                     |
| DRAWN BY:                       | C.K.FORD                      |
| CHECKED BY:                     | E.P.DETRICK                   |
| SHEET                           | 17 OF 52                      |