

LENGTH OF STRUCTURES: BRIDGE 25N = 226.67 FEET
 BRIDGE 25S = 206.67 FEET
 BRIDGE 26N = 311.67 FEET
 BRIDGE 26S = 311.67 FEET
 BRIDGE 28N = 181.75 FEET
 BRIDGE 28S = 185.67 FEET
 BRIDGE 27 N&S = REMOVAL

LENGTH OF CULVERT: BRIDGE 28-IN = 18.00 FEET
 BRIDGE 28-IC = REMOVAL
 BRIDGE 28-IG = REMOVAL

LENGTH OF ROADWAYS: BRIDGE 25N = 173.33 FEET
 BRIDGE 25S = 193.33 FEET
 BRIDGE 26N = 113.33 FEET
 BRIDGE 26S = 113.25 FEET
 BRIDGE 28N = 668.25 FEET
 BRIDGE 28S = 289.33 FEET

TOTAL LENGTH OF NORTHBOUND PROJECT = 1875.00 FEET
 TOTAL LENGTH OF SOUTHBOUND PROJECT = 1525.00 FEET

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

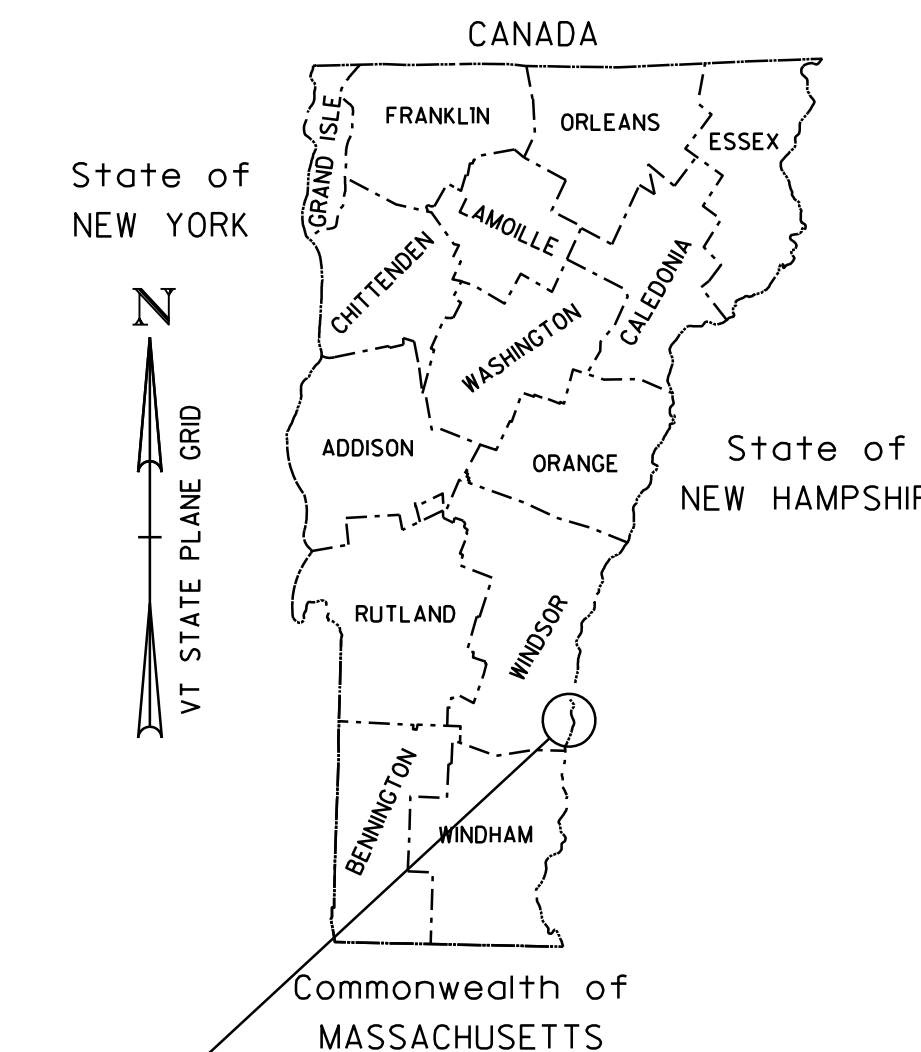
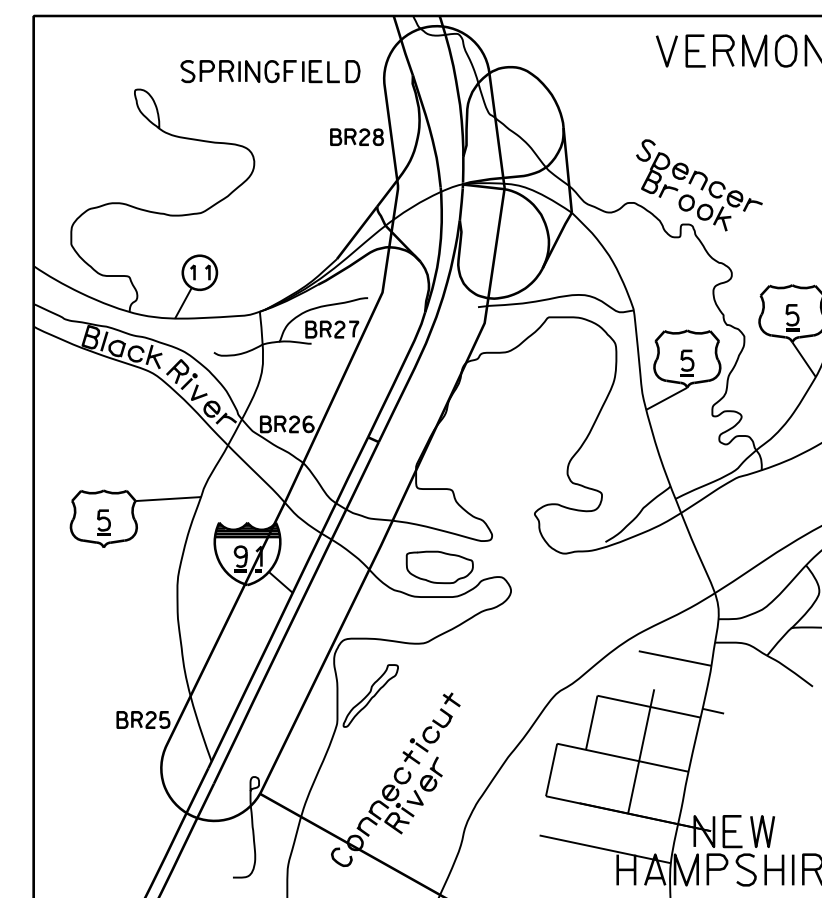
TOWN OF SPRINGFIELD
 COUNTY OF WINDSOR

ROUTE NO: INTERSTATE 91 (PRINCIPAL ARTERIAL) AND ROUTE 5 (MAJOR COLLECTOR / MINOR ARTERIAL)

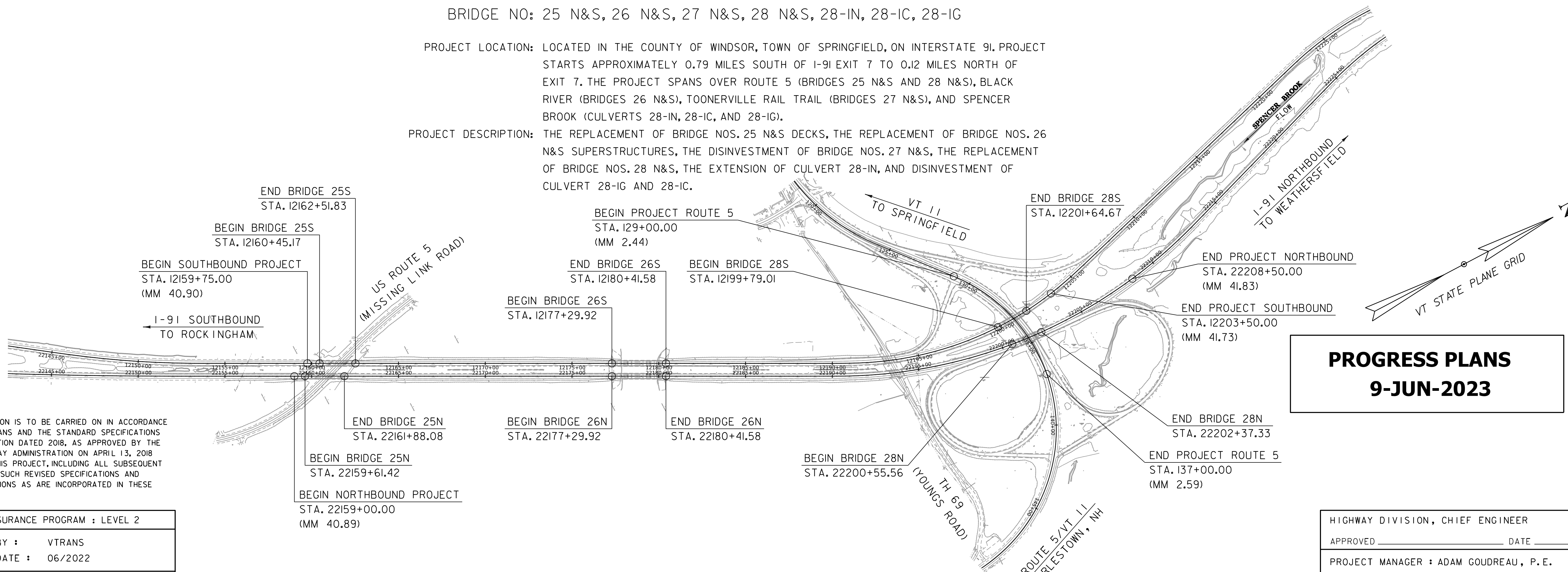
BRIDGE NO: 25 N&S, 26 N&S, 27 N&S, 28 N&S, 28-IN, 28-IC, 28-IG

PROJECT LOCATION: LOCATED IN THE COUNTY OF WINDSOR, TOWN OF SPRINGFIELD, ON INTERSTATE 91. PROJECT STARTS APPROXIMATELY 0.79 MILES SOUTH OF I-91 EXIT 7 TO 0.12 MILES NORTH OF EXIT 7. THE PROJECT SPANS OVER ROUTE 5 (BRIDGES 25 N&S AND 28 N&S), BLACK RIVER (BRIDGES 26 N&S), TOONERVILLE RAIL TRAIL (BRIDGES 27 N&S), AND SPENCER BROOK (CULVERTS 28-IN, 28-IC, AND 28-IG).

PROJECT DESCRIPTION: THE REPLACEMENT OF BRIDGE NOS. 25 N&S DECKS, THE REPLACEMENT OF BRIDGE NOS. 26 N&S SUPERSTRUCTURES, THE DISINVESTMENT OF BRIDGE NOS. 27 N&S, THE REPLACEMENT OF BRIDGE NOS. 28 N&S, THE EXTENSION OF CULVERT 28-IN, AND DISINVESTMENT OF CULVERT 28-IG AND 28-IC.



SPRINGFIELD
 IM 091-1 (83)



**PROGRESS PLANS
 9-JUN-2023**

WORKING PLANS FOR REFERENCE ONLY

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2018, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON APRIL 13, 2018 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 2	
SURVEYED BY :	VTRANS
SURVEYED DATE :	06/2022
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (2011)

SCALE 1" = 300' - 0"
 300 0 300

HIGHWAY DIVISION, CHIEF ENGINEER	
APPROVED _____	DATE _____
PROJECT MANAGER : ADAM GOUDREAU, P.E.	
PROJECT NAME :	SPRINGFIELD
PROJECT NUMBER :	IM 091-1 (83)
SHEET 1 OF 439 SHEETS	



REVIEWER NOTES

GENERAL

1. PROPOSED DRAINAGE AND STORMWATER TREATMENT ARE NOT SHOWN AND WILL BE DESIGNED AS NECESSARY BEFORE PRELIMINARY PLAN SUBMISSION. CONCEPTUAL MODIFICATIONS TO EXISTING FEATURES HAVE BEEN REVIEWED WITH RESPECT TO ADDITIONAL IMPACTS ADJACENT TO RIGHT OF WAY BOUNDARIES. VISUAL ASSESSMENT OF EXISTING DRAINAGE FEATURES MAY BE NECESSARY IF MODIFICATIONS ARE ANTICIPATED.
2. OPERATIONAL STORMWATER IS ANTICIPATED TO BE CLASSIFIED AS REDEVELOPMENT - MAJOR MAINTENANCE DUE TO THE NET REDUCTION IN IMPERVIOUS SURFACE.
3. NO RIGHT OF WAY IMPACTS ARE ANTICIPATED.
4. UTILITY RELOCATION IS ANTICIPATED FOR BURIED UTILITIES ALONG THE TOONERVILLE RAIL TRAIL AND FOR AERIAL UTILITY POLES NEAR 1-91 NORTHBOUND OFF RAMP STA. 204+75 RT.
5. ADDITIONAL RIGHT OF WAY DELINEATION AND RESOURCE IDENTIFICATION MAPPING IS NECESSARY NEAR BRIDGE 25 N&S.
6. SLOPE LIMITS SHOWN ARE CONCEPTUAL AND WILL BE REFINED FOR FUTURE SUBMISSIONS.
7. A 2'-0" FLAT BOTTOM DITCH IS ASSUMED FOR THE TYPICAL DITCH SECTION. THE DITCHES ARE TEMPLATED AND WILL BE DESIGNED BEFORE PRELIMINARY PLAN SUBMISSION.

BRIDGE 25 NB&SB

8. ANTICIPATED WORK TO BE COMPLETED:
 - I. CONCRETE DECK REPLACEMENT WITH NEW BITUMINOUS PAVEMENT,
 - II. REPLACEMENT OF ALL BEARINGS,
 - III. REPLACEMENT OF DECK JOINTS,
 - IV. ABUTMENT BACKWALL AND WINGWALL MODIFICATIONS FOR NEW RAILINGS AND JOINTS.
 - V. SUBSTRUCTURE PATCHING.
9. NO WORK IS ANTICIPATED ALONG ROUTE 5 BENEATH BRIDGE 25 NB&SB EXCEPT FOR TEMPORARY REMOVAL AND REPLACEMENT OF GUARDRAIL FOR ACCESS TO PIERS.

BRIDGE 26 NB&SB

10. ANTICIPATED WORK TO BE COMPLETED:
 - I. SUPERSTRUCTURE REPLACEMENT WITH NEW STEEL PLATE GIRDERS, CONCRETE DECK AND BITUMINOUS PAVEMENT,
 - II. REPLACEMENT OF ALL BEARINGS,
 - III. REPLACEMENT OF DECK JOINTS,
 - IV. ABUTMENT BACKWALL AND WINGWALL MODIFICATIONS FOR NEW RAILINGS AND JOINTS.
 - V. SUBSTRUCTURE PATCHING.
11. THE EMBANKMENTS BENEATH THE BRIDGE ARE ARMORED PRIMARILY WITH LARGE STONES WITH SIGNIFICANT VOIDS, OBSERVABLE SETTLEMENT, AND AN EXPOSED PILE FOUNDATION AT ONE ABUTMENT. ADDITIONAL BORROW AND STONE FILL WILL BE PLACED TO REPAIR THE EMBANKMENTS.

BRIDGE 27 NB&SB

12. ANTICIPATED WORK TO BE COMPLETED:
 - I. REMOVAL OF THE SUPERSTRUCTURE AND ABUTMENTS DOWN TO THE FOOTING,
 - II. REMOVE PAVEMENT OF THE TOONERVILLE TRAIL AND FILL THE VOID CREATED BY THE REMOVAL OF BRIDGES,
 - III. THE BIN-WALLS, ABUTMENT FOOTINGS AND PILES TO BE BURIED IN PLACE.

BRIDGE 28 NB&SB

13. ANTICIPATED WORK TO BE COMPLETED:
 - I. REPLACE BOTH STRUCTURES WITH TWO-SPAN CHORDED STEEL GIRDER BRIDGES WITH CONCRETE DECK.
14. ABUTMENTS ARE EXPECTED TO BE INTEGRAL ABUTMENTS. THE PIERS WILL EITHER BE WALL PIERS OR MULTI-COLUMN PIERS WITH A CRASH BARRIER; THE FINAL CONFIGURATION WILL BE DETERMINED AT A LATER SUBMITTAL.
15. LIGHTING AT THE END OF THE RAMPS FOR PEDESTRIAN CROSSINGS AND FULL INTERCHANGE LIGHTING IS ANTICIPATED AND WILL BE LOCATED DURING PRELIMINARY DESIGN.
16. THE EXIT 7 RAMP PROFILES AND ACCELERATION/DECELERATION LENGTHS MAY BE MODIFIED TO IMPROVE DRIVER COMFORT AND SAFETY. AS SHOWN, THE RAMPS MEET REQUIRED DESIGN CRITERIA FOR STOPPING SIGHT DISTANCE AND FOR ACCELERATION AND DECLERATION LENGTH. HORIZONTAL ALIGNMENTS ARE NOT ANTICIPATED TO BE REVISED.

SPENCER BROOK

17. SPENCER BROOK RE-ALIGNMENT IS CONCEPTUAL. FINAL LAYOUT AND PERMITTING WILL BE COMPLETED AT FUTURE PHASES.
18. CULVERT 28-1N, LOCATED BENEATH I-91 NORTHBOUND NEAR STA 22211+00 RT, WILL BE PERMANENTLY EXTENDED TO THE EAST APPROXIMATELY 18'-0". CONCEPTUAL WINGWALLS ARE PROVIDED ON THE PLANS.
19. CULVERT 28-1G, LOCATED UNDER THE I-91 EXIT 7 NORTHBOUND OFF-RAMP ADJACENT TO ROUTE 5, WILL BE REMOVED IN ITS ENTIRETY, AND THE STREAM WILL BECOME AN OPEN CHANNEL WHERE THE CULVERT WAS LOCATED.
20. CULVERT 28-1C, LOCATED UNDER I-91 EXIT 7 NORTHBOUND OFF-RAMP, WILL BE REMOVED IN ITS ENTIRETY WHILE RELOCATING THE STREAM. FINAL DETAILS WILL BE COMPLETED DURING FUTURE PHASES.

MAINTENANCE OF TRAFFIC

21. TWO-WAY TRAFFIC WILL BE MAINTAINED ALONG I-91 USING CROSSOVERS AND REDUCING EACH BARREL TO ONE LANE.
22. TWO-WAY TRAFFIC WILL BE MAINTAINED ALONG ROUTE 5, BOTH CHARLESTOWN ROAD AND MISSING LINK ROAD. TEMPORARY SHOULDER CLOSURES MAY BE REQUIRED.
23. MULTI-MODAL TRAFFIC ALONG THE TOONERVILLE RAIL TRAIL WILL NOT BE MAINTAINED FOR THE MAJORITY OF CONSTRUCTION. EXACT DURATION OF CLOSURE WILL BE DETERMINED DURING FUTURE PHASES.
24. I-91 NB ON AND OFF RAMPS WILL REQUIRE SHORT TERM CLOSURES WHEN TRAFFIC IS CHANGED TO THE NEW RAMPS.

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD

PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574frm

PROJECT LEADER: J. OLUND

DESIGNED BY: T. POULIN

REVIEWER NOTES

PLOT DATE: 9-JUN-2023

DRAWN BY: E. BEAUSOLEIL

CHECKED BY: C. HELMICK

SHEET 2 OF 439

HNTB

WORKING PLANS FOR REFERENCE ONLY

GENERAL INFORMATION

SYMBOLOLOGY LEGEND NOTE

THE SYMBOLOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOLOGY. THE SYMBOLOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

WATER SYSTEM SYMBOLS

Table with 2 columns: POINT, DESCRIPTION. Includes symbols for BEND, TEE, CAP/PLUG, and REDUCER.

R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

Table with 3 columns: POINT, CODE, DESCRIPTION. Lists various easement and boundary codes like BF, CH, CONST, CUL, D&C, etc.

COMMON TOPOGRAPHIC POINT SYMBOLS

Table with 3 columns: POINT, CODE, DESCRIPTION. Lists common survey points like APL, BM, BND, CB, COMB, etc.

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

Table with 2 columns: CODE, DESCRIPTION. Lists geometry codes like PC, PI, CC, PT, PCC, etc.

UTILITY SYMBOLOLOGY

Table with 2 columns: UNDERGROUND UTILITIES, ABOVE GROUND UTILITIES (AERIAL). Lists symbols for UGU, UT, UE, UC, UEC, UET, UCT, UECT, G, W, S.

PROJECT CONSTRUCTION SYMBOLOLOGY

Table with 2 columns: PROJECT DESIGN & LAYOUT SYMBOLOLOGY. Lists symbols for CZ, PLAN LAYOUT MATCHLINE.

PROJECT CONSTRUCTION FEATURES

Table with 2 columns: PROJECT CONSTRUCTION FEATURES. Lists symbols for TOP OF CUT SLOPE, TOE OF FILL SLOPE, STONE FILL, etc.

CONVENTIONAL BOUNDARY SYMBOLOLOGY

Table with 2 columns: BOUNDARY LINES. Lists symbols for TOWN LINE, COUNTY LINE, STATE LINE, etc.

EPSC LAYOUT PLAN SYMBOLOLOGY

Table with 2 columns: EPSC MEASURES. Lists symbols for FILTER CURTAIN, SILT FENCE, SILT FENCE WOVEN WIRE, CHECK DAM, etc.

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLOLOGY

ENVIRONMENTAL RESOURCES

Table with 2 columns: ENVIRONMENTAL RESOURCES. Lists symbols for WETLAND BOUNDARY, RIPARIAN BUFFER ZONE, SOIL TYPE BOUNDARY, etc.

ARCHEOLOGICAL & HISTORIC

Table with 2 columns: ARCHEOLOGICAL & HISTORIC. Lists symbols for ARCH, HISTORIC DIST, HISTORIC AREA, HISTORIC STRUCTURE.

CONVENTIONAL TOPOGRAPHIC SYMBOLOLOGY

Table with 2 columns: EXISTING FEATURES. Lists symbols for ROAD EDGE PAVEMENT, ROAD EDGE GRAVEL, DRIVEWAY EDGE, DITCH, FOUNDATION, etc.

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

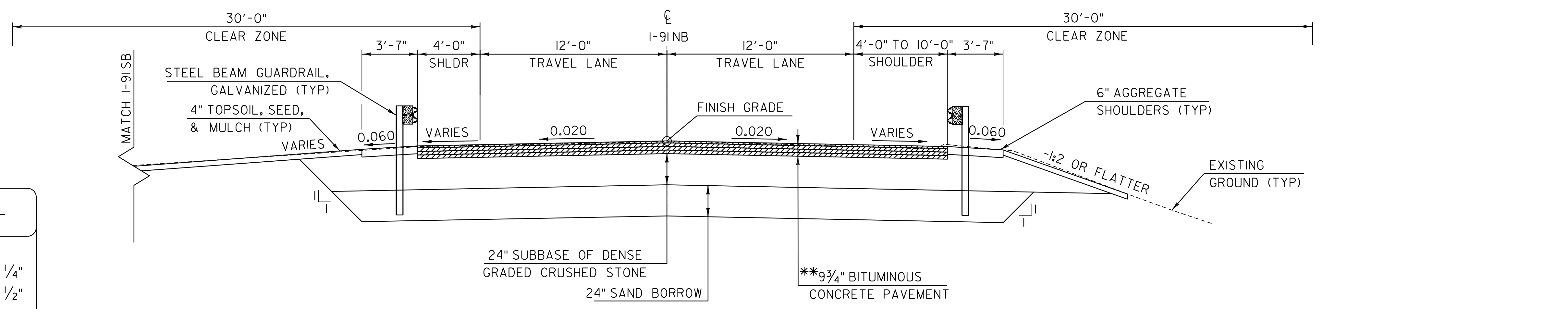
FILE NAME: z12a574legend.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: T. POULIN
SYMBOLOLOGY LEGEND SHEET
PLOT DATE: 8-JUN-2023
DRAWN BY: T. POULIN
CHECKED BY: J. OLUND
SHEET 4 OF 439



* 1/2" TYPE IVS OVER
 2 3/4" TYPE IVS OVER (AS CALLED FOR)
 1/2" MIN. TYPE IVS LEVELING

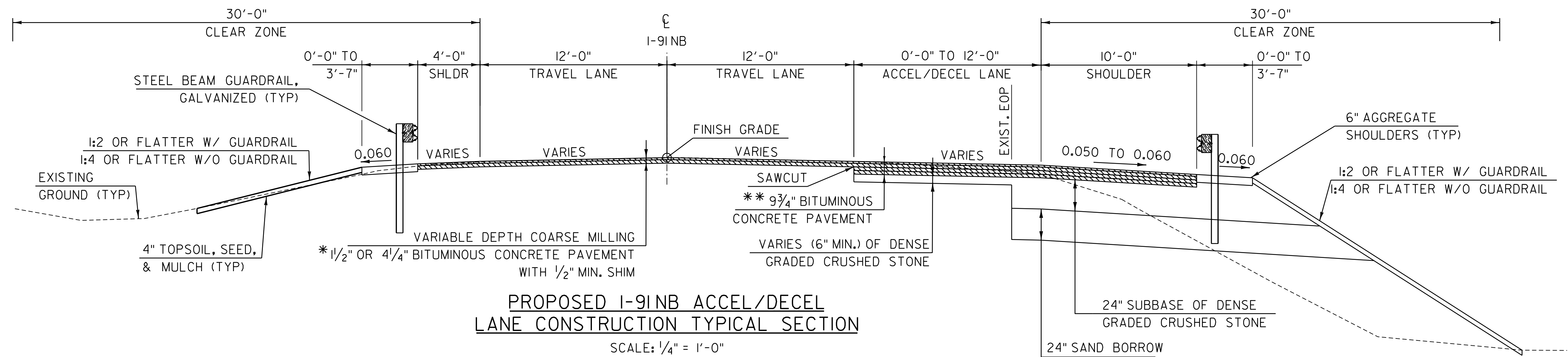
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 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	
	+/- 1"
SAND BORROW	
	+/- 1"



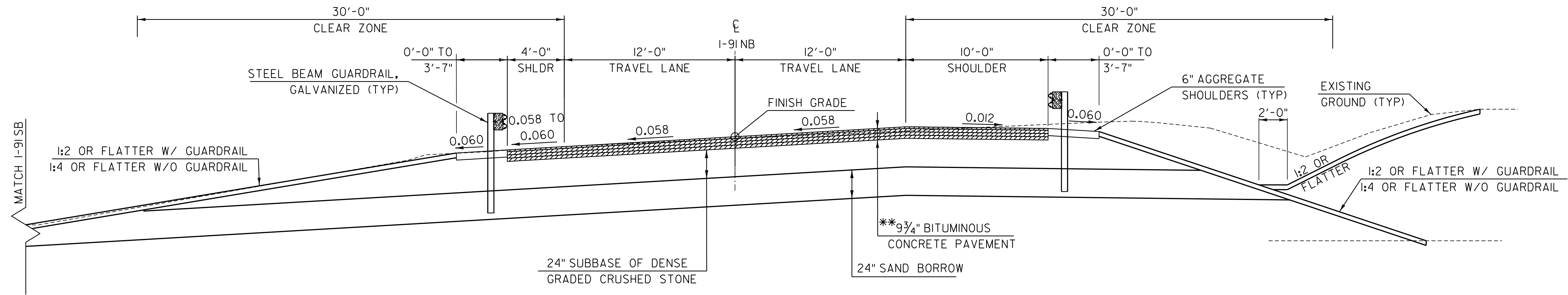
**PROPOSED I-91NB FULL DEPTH CONSTRUCTION
 AT BRIDGE 25 AND 26 TYPICAL SECTION**

SCALE: 1/4" = 1'-0"



**PROPOSED I-91NB ACCEL/DECEL
 LANE CONSTRUCTION TYPICAL SECTION**

SCALE: 1/4" = 1'-0"



**PROPOSED I-91NB FULL DEPTH CONSTRUCTION
 AT BRIDGE 27 AND 28 TYPICAL SECTION**

SCALE: 1/4" = 1'-0"

WORKING PLANS FOR REFERENCE ONLY

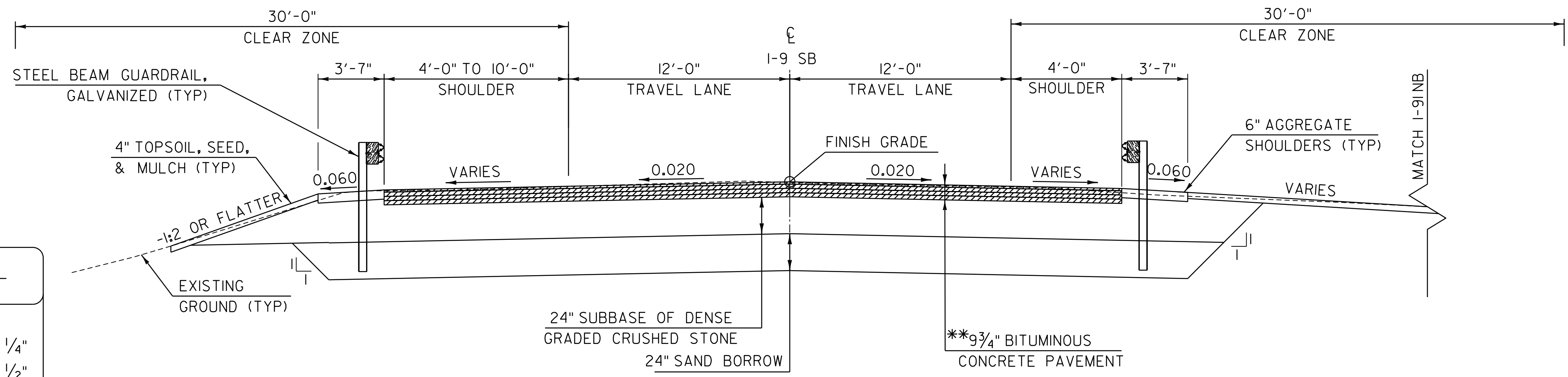
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PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574typ.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	J. OLUND
TYPICAL SECTIONS I			SHEET 5 OF 439



* 1/2" TYPE IVS OVER
 2 3/4" TYPE IVS OVER (AS CALLED FOR)
 1/2" MIN. TYPE IVS LEVELING

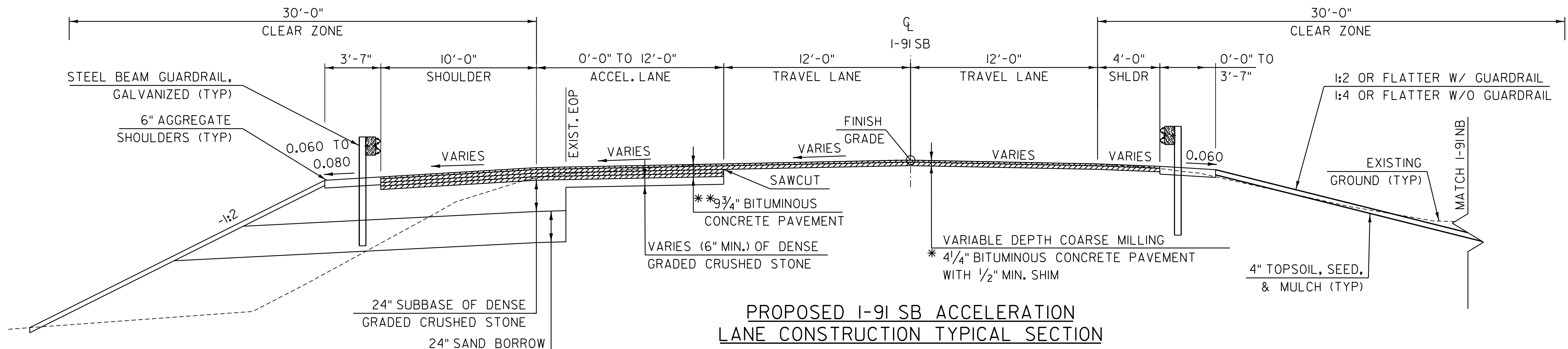
** 1/2" TYPE IVS OVER
 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	
SAND BORROW	+/- 1"



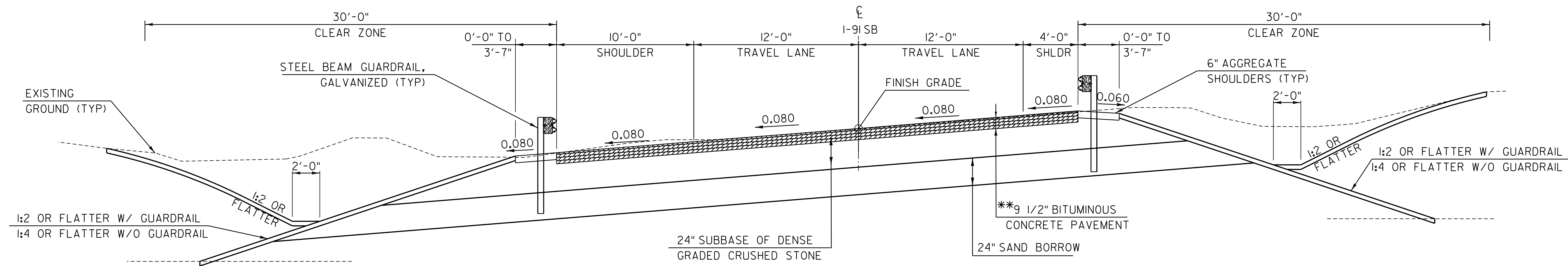
PROPOSED I-9I SB FULL DEPTH CONSTRUCTION
 AT BRIDGE 25 AND 26 TYPICAL SECTION

SCALE: 1/4" = 1'-0"



PROPOSED I-9I SB ACCELERATION
 LANE CONSTRUCTION TYPICAL SECTION

SCALE: 1/4" = 1'-0"



PROPOSED I-9I SB FULL DEPTH CONSTRUCTION
 AT BRIDGE 27 AND 28 TYPICAL SECTION

SCALE: 1/4" = 1'-0"

WORKING PLANS FOR REFERENCE ONLY

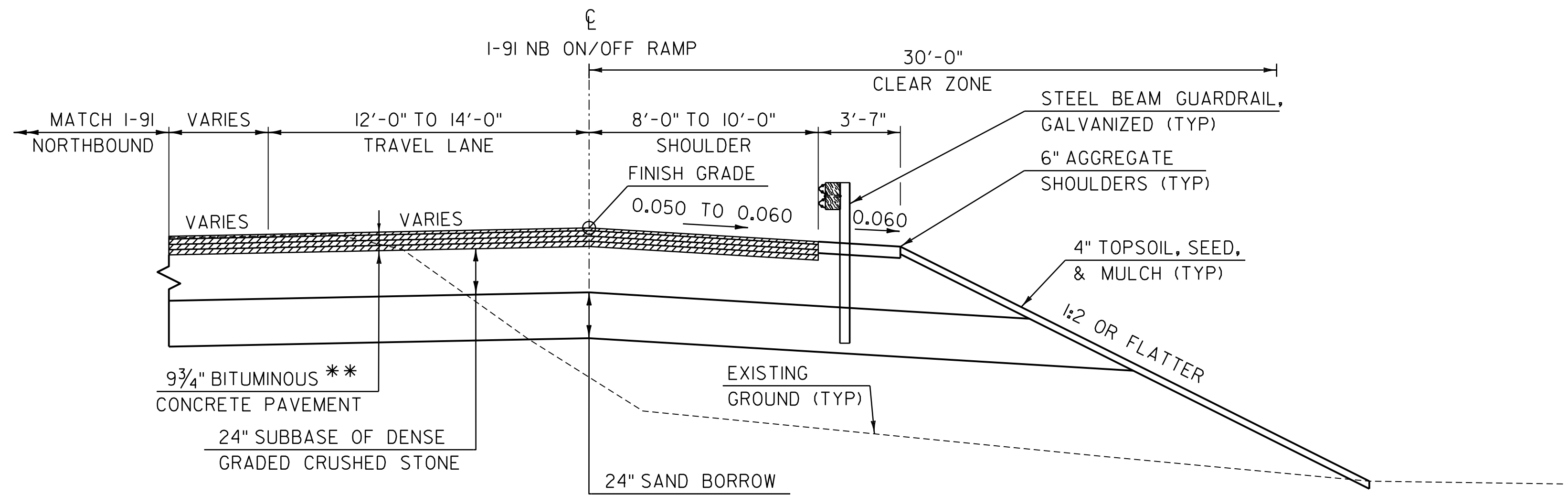
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PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574t.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	J. OLUND
TYPICAL SECTIONS 2		SHEET	6 OF 439



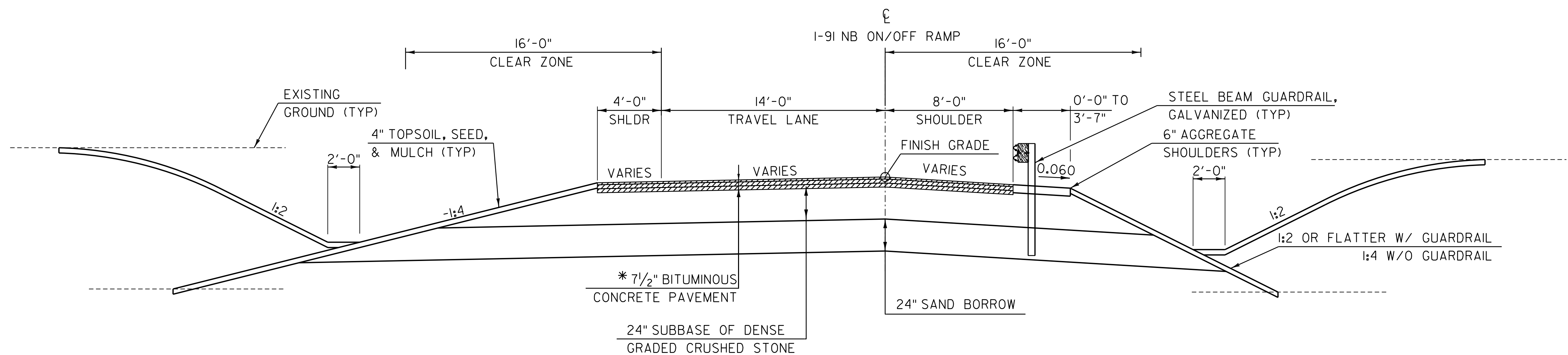
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 3" TYPE IIS OVER
 3" TYPE IIS

** 1/2" TYPE IVS OVER
 2 3/4" TYPE IVS OVER
 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"



PROPOSED I-91 NB ON/OFF RAMP GORE TYPICAL SECTION
 SCALE: 1/4" = 1'-0"



PROPOSED I-91 NB ON/OFF RAMP TYPICAL SECTION
 SCALE: 1/4" = 1'-0"

WORKING PLANS FOR REFERENCE ONLY

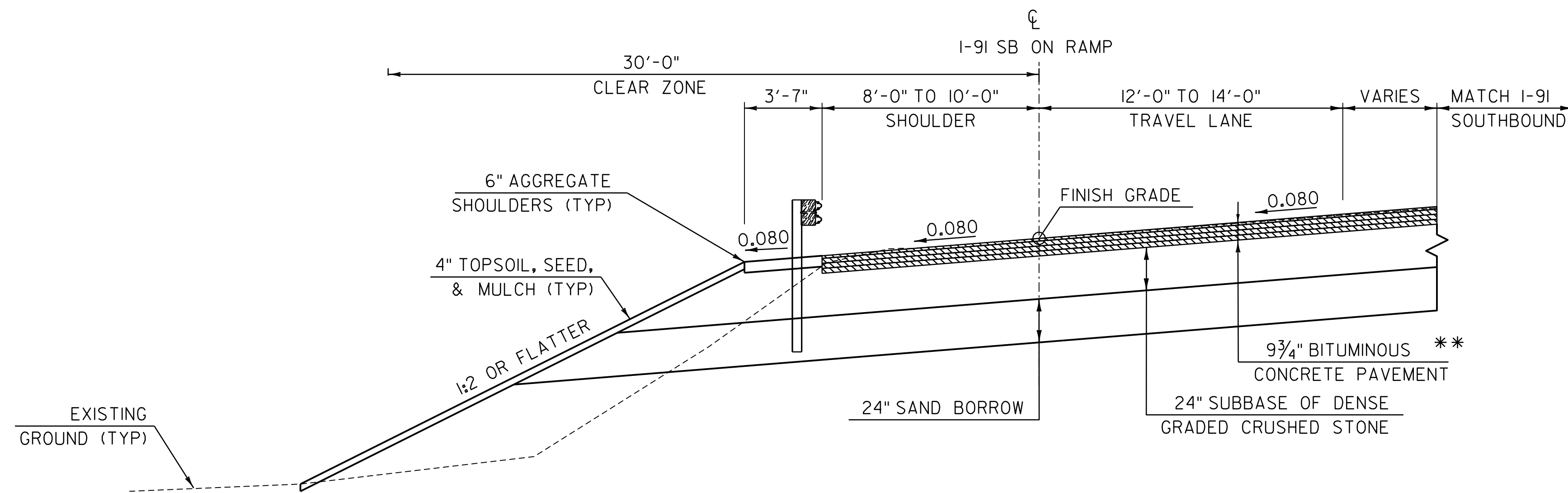
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574typ.dgn	CHECKED BY: J. OLUND
PROJECT LEADER: J. OLUND	SHEET 7 OF 439
DESIGNED BY: C. HELMICK	
TYPICAL SECTIONS 3	



* 1/2" TYPE IVS OVER
 3" TYPE IIS OVER
 3" TYPE IIS

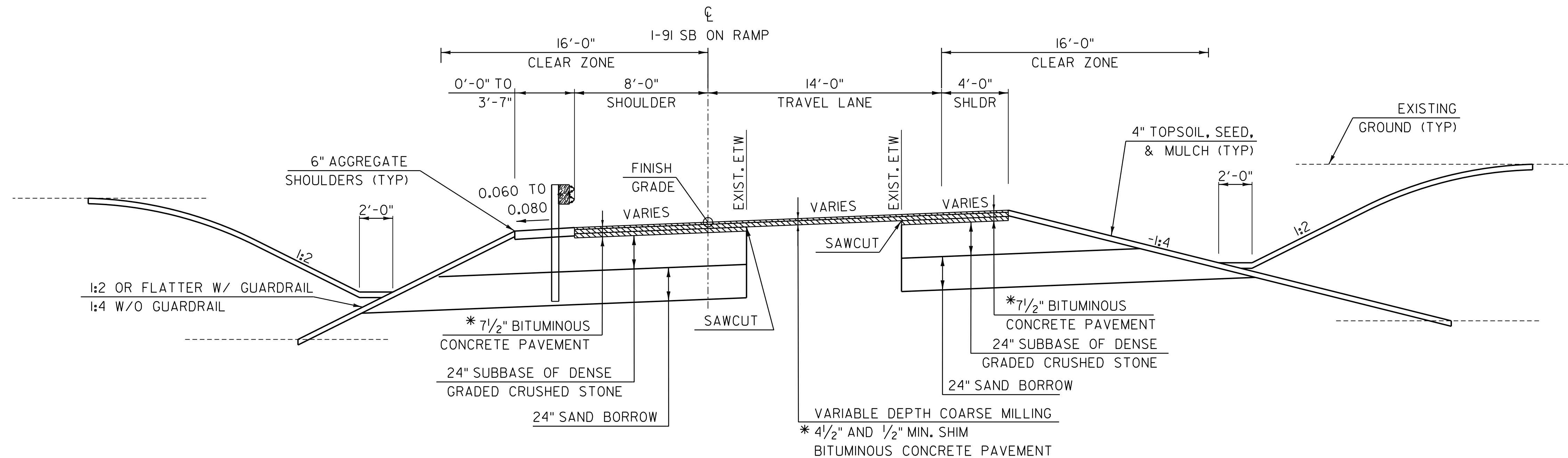
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 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS OVER
 2 3/4" TYPE IIS

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"



PROPOSED I-91 SB ON RAMP GORE TYPICAL SECTION

SCALE: 1/4" = 1'-0"



PROPOSED I-91 SB ON RAMP TYPICAL SECTION

SCALE: 1/4" = 1'-0"

WORKING PLANS FOR REFERENCE ONLY

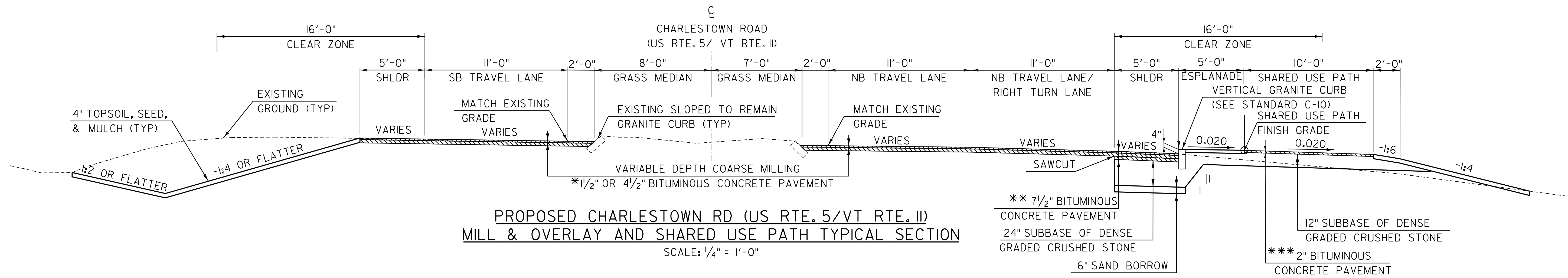
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574typ.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 TYPICAL SECTIONS 4

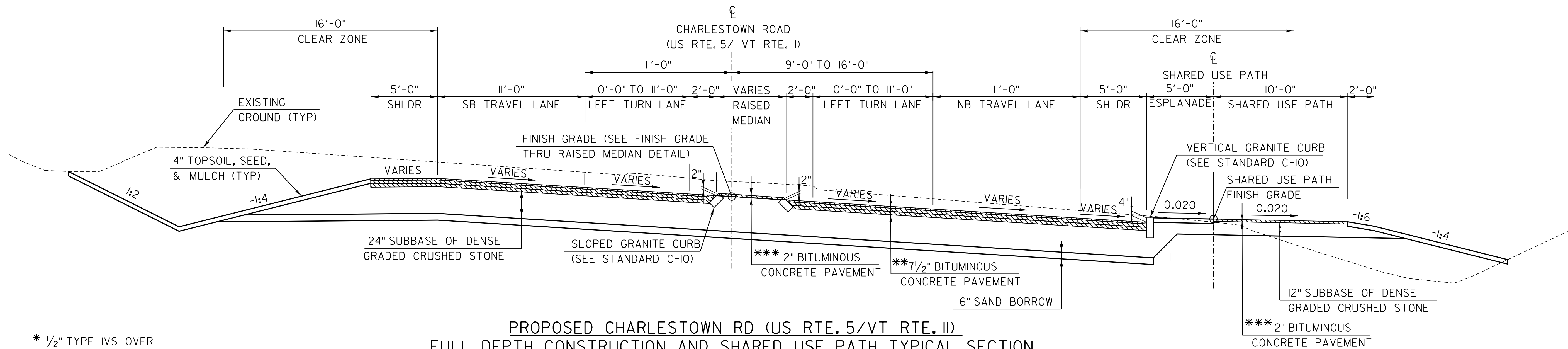
PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: J. OLUND
 SHEET 8 OF 439



WORKING PLANS FOR REFERENCE ONLY



PROPOSED CHARLESTOWN RD (US RTE. 5/VT RTE. II)
MILL & OVERLAY AND SHARED USE PATH TYPICAL SECTION
SCALE: 1/4" = 1'-0"



PROPOSED CHARLESTOWN RD (US RTE. 5/VT RTE. II)
FULL DEPTH CONSTRUCTION AND SHARED USE PATH TYPICAL SECTION
SCALE: 1/4" = 1'-0"

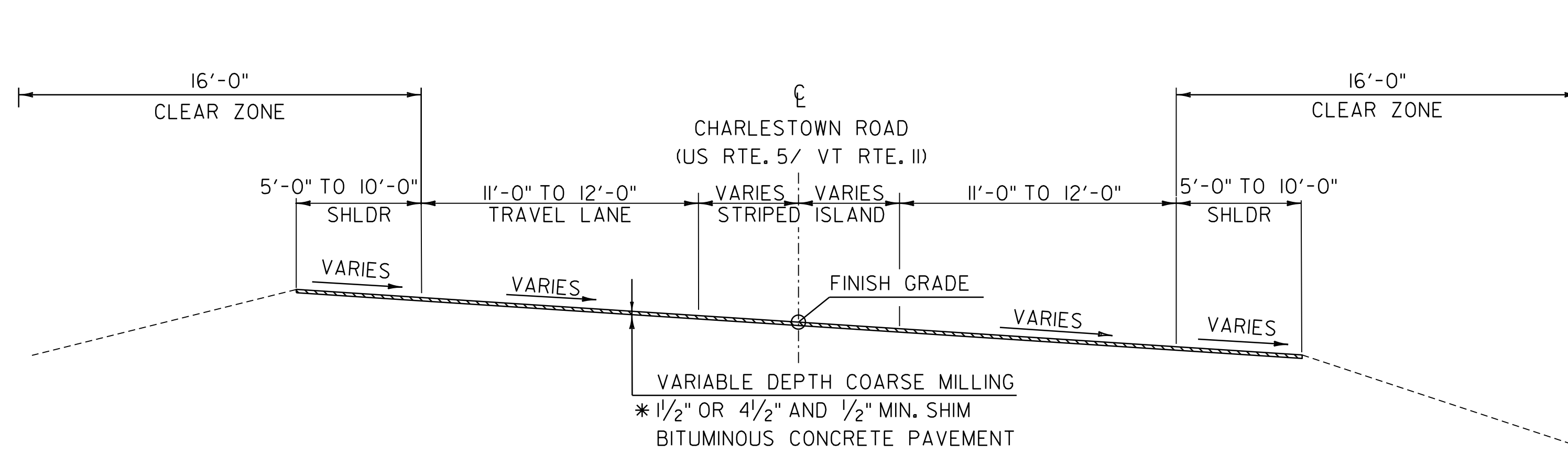
* 1/2" TYPE IVS OVER
3" TYPE IIS OVER (AS CALLED FOR)
1/2" MIN. TYPE IVS LEVELING

** 1/2" TYPE IVS OVER
3" TYPE IIS OVER
3" TYPE IIS

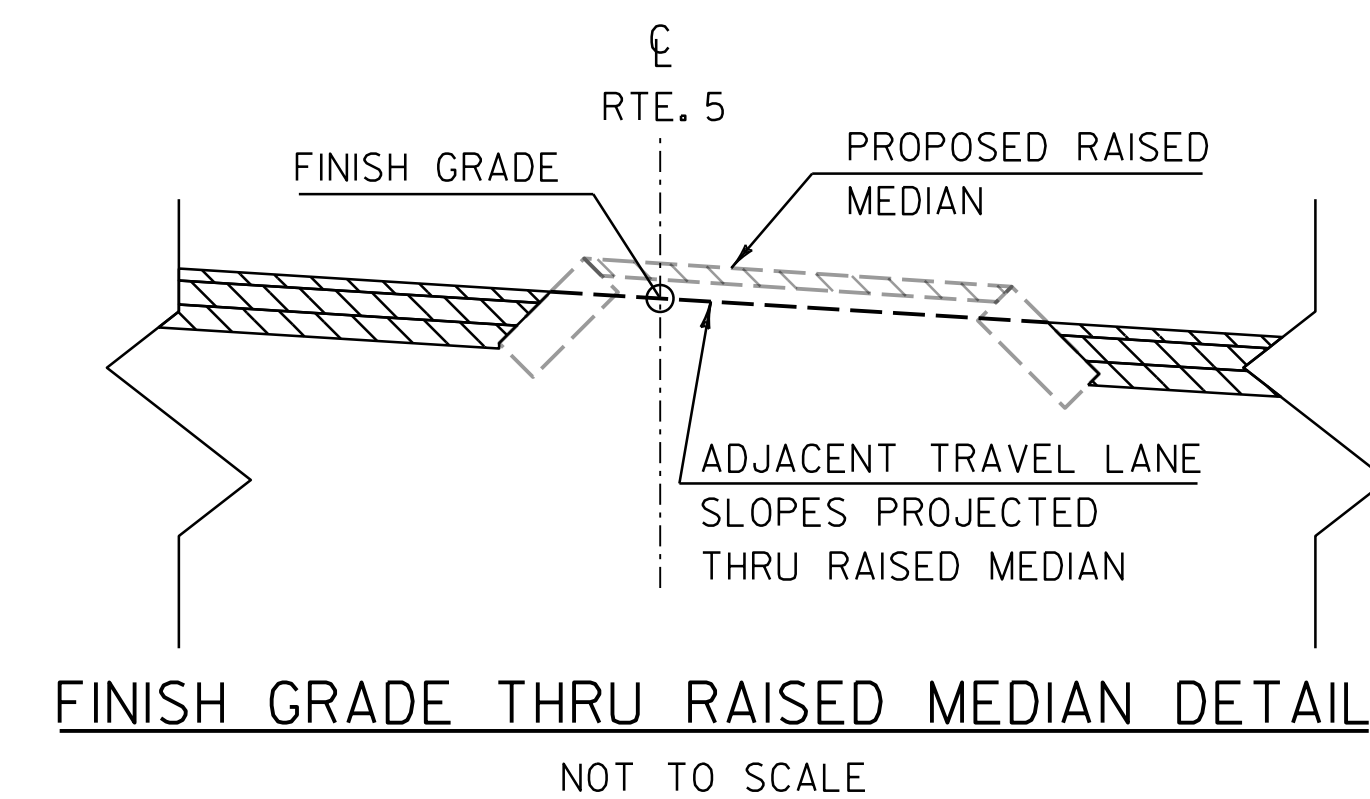
*** 2" TYPE IV

MATERIAL TOLERANCES
(IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"



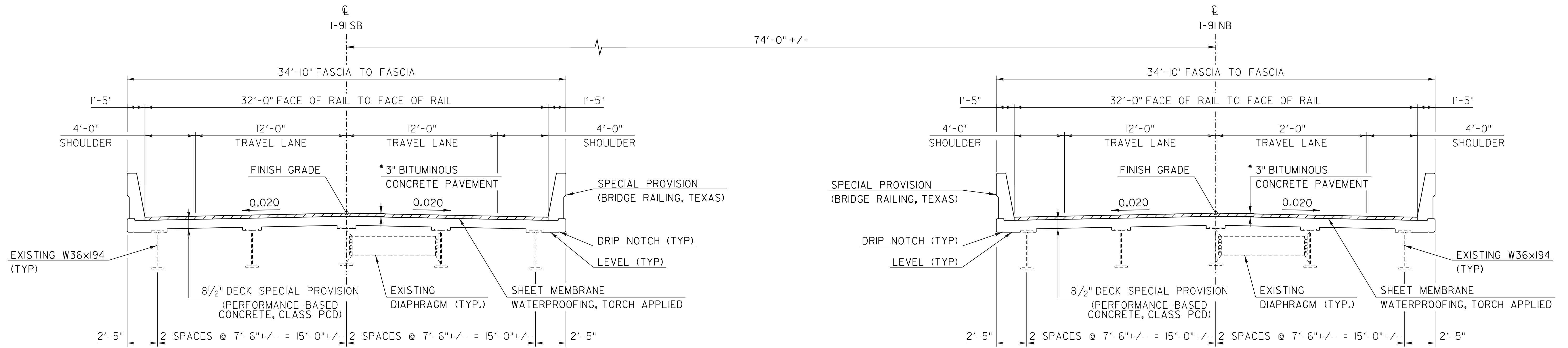
PROPOSED CHARLESTOWN RD (US RTE. 5/VT RTE. II)
MILL & OVERLAY TYPICAL SECTION
SCALE: 1/4" = 1'-0"



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574+yp.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	J. OLUND
TYPICAL SECTIONS	5	SHEET	9 OF 439



WORKING PLANS FOR REFERENCE ONLY



BRIDGE 25 N/S TYPICAL SECTION

SCALE 1/4" = 1'-0"

* 1 1/2" TYPE IVS OVER
1 1/2" TYPE IVS

PROJECT NAME: SPRINGFIELD

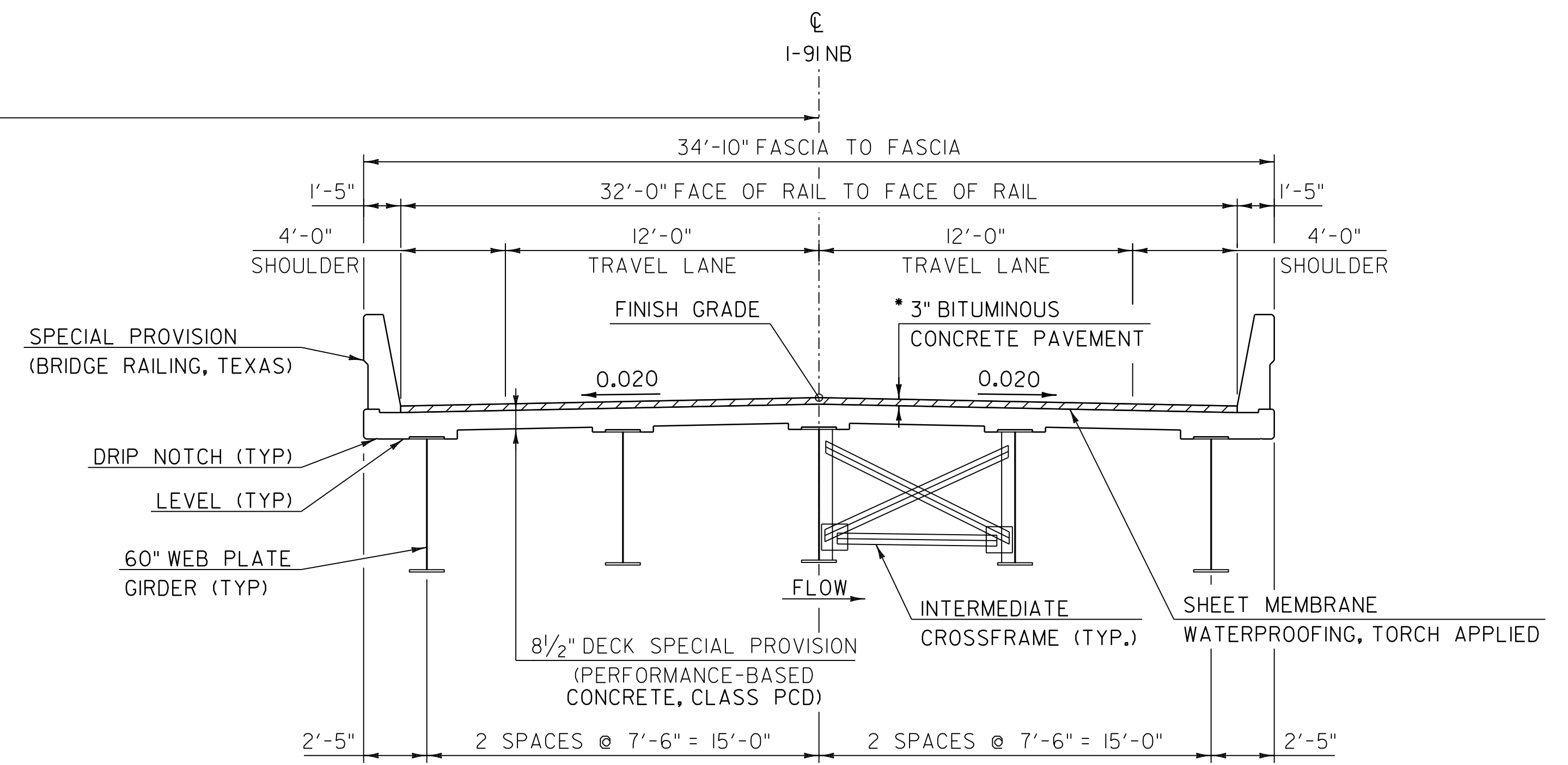
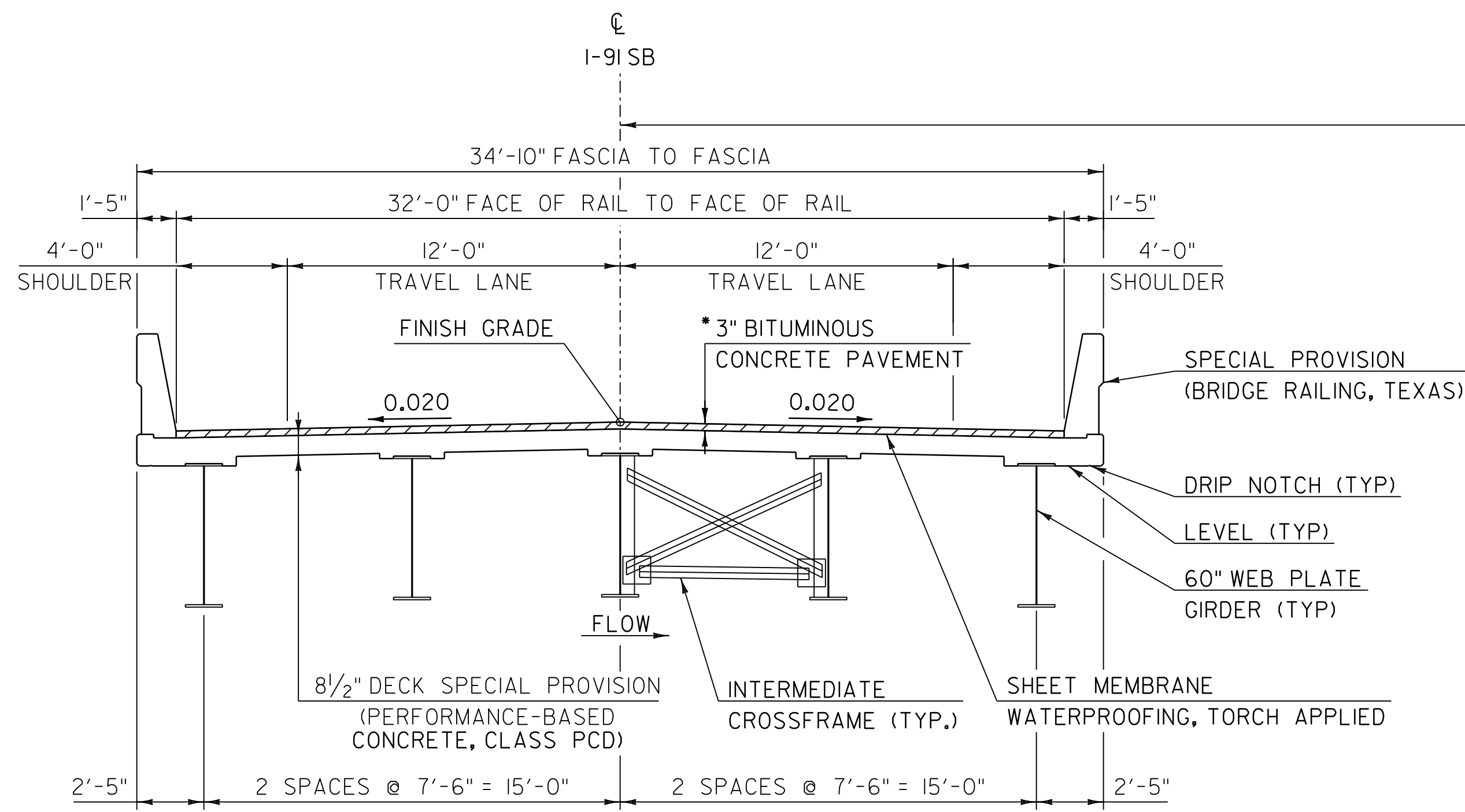
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574+yp.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: J. MCCAULEY
TYPICAL SECTIONS 6

PLOT DATE: 8-JUN-2023
DRAWN BY: E. BEAUSOLEIL
CHECKED BY: J. OLUND
SHEET 10 OF 439



WORKING PLANS FOR REFERENCE ONLY



BRIDGE 26 N/S TYPICAL SECTION

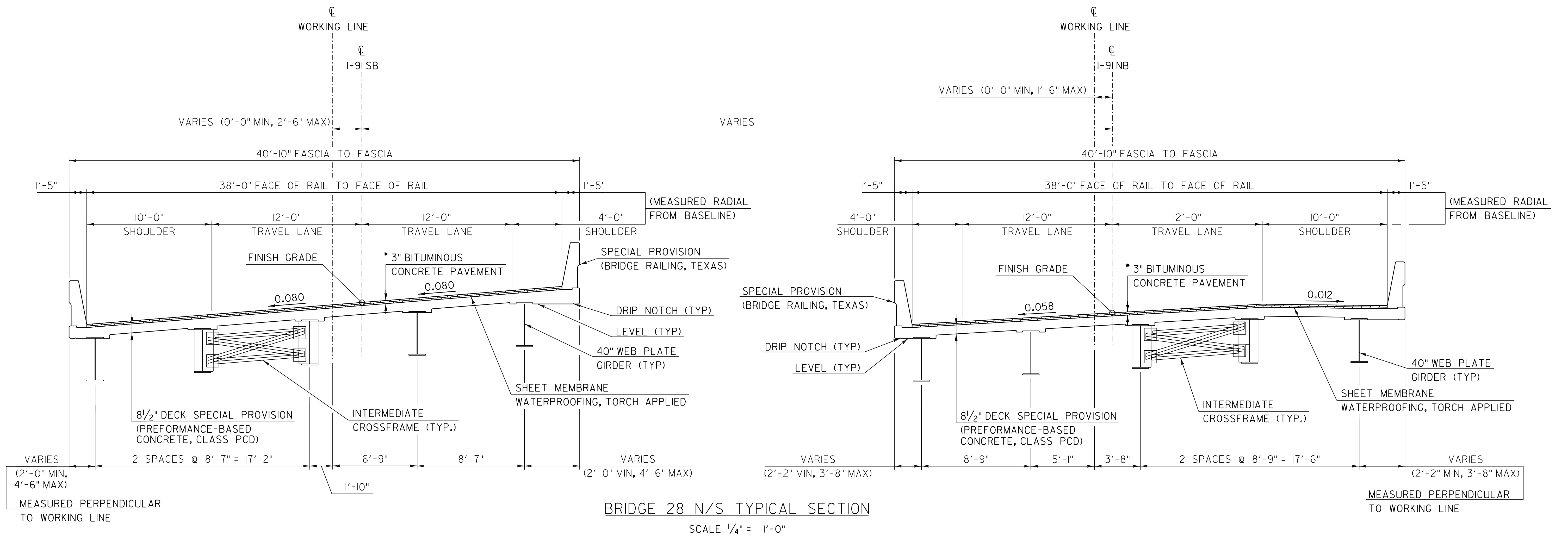
SCALE: 1/4" = 1'-0"

* 1 1/2" TYPE IVS OVER 1/2" TYPE IVS

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574typ.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: E. BEAUSOLEIL
DESIGNED BY: J. MCCAULEY	CHECKED BY: J. OLUND
TYPICAL SECTIONS 7	SHEET 11 OF 439



WORKING PLANS FOR REFERENCE ONLY



* 1 1/2" TYPE IVS OVER
1/2" TYPE IVS

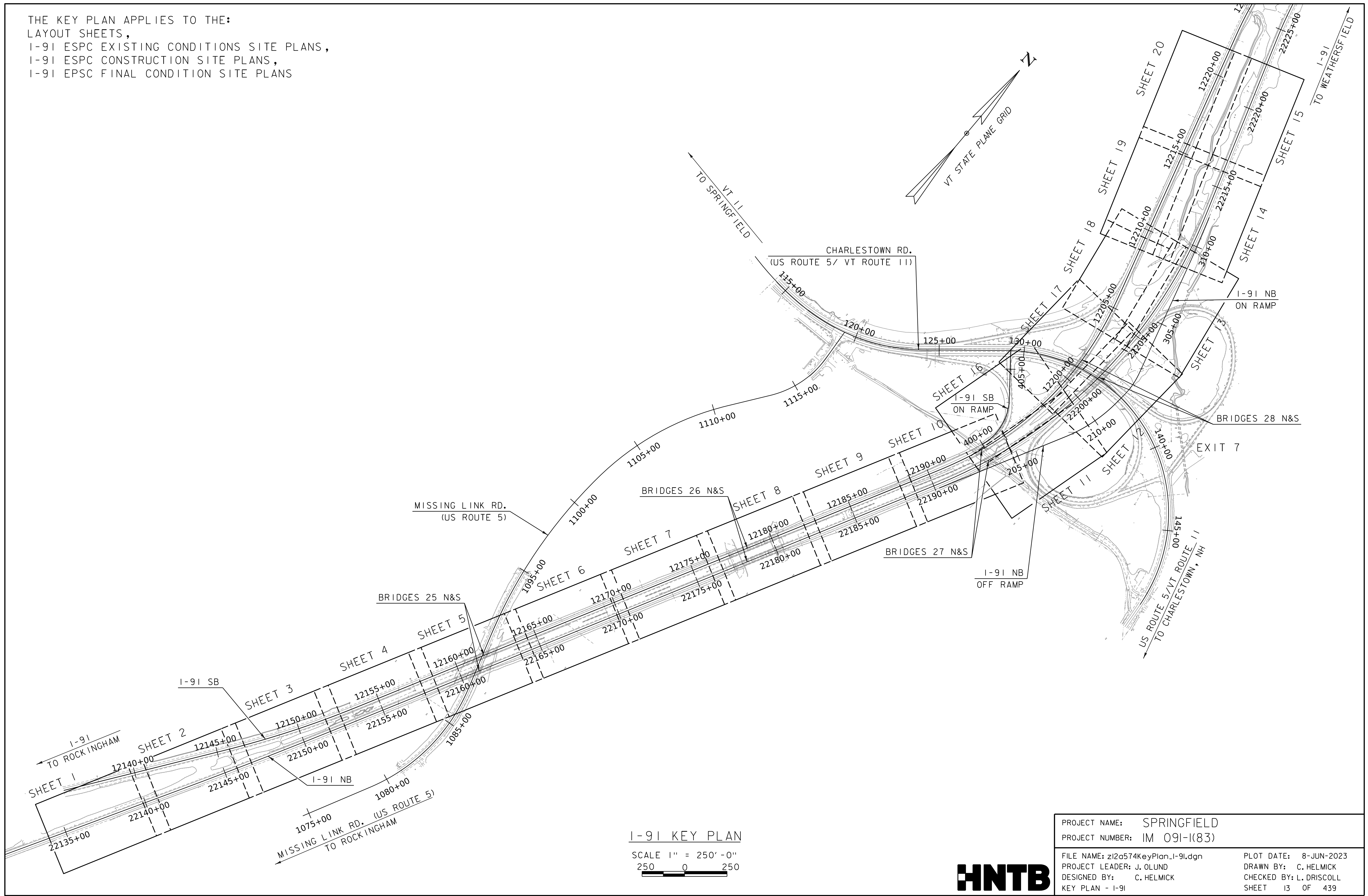
- NOTES:**
1. 1 FOOT UNDERCUT AS DETERMINED NECESSARY BY ENGINEER.
 2. ACTUAL LIMITS OF STRUCTURE EXCAVATION TO BE DETERMINED BY THE CONTRACTOR, HOWEVER, ONLY THE EXCAVATION BETWEEN THE LIMITS SHOWN WILL BE PAID FOR UNDER ITEM 204.25 "STRUCTURE EXCAVATION". EXCAVATION BY THE CONTRACTOR OUTSIDE THESE LIMITS WILL BE AT THE EXPENSE OF THE CONTRACTOR.

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574+yp.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	J. MCCAULEY
TYPICAL SECTIONS	8
PLOT DATE:	8-JUN-2023
DRAWN BY:	E. BEAUSOLEIL
CHECKED BY:	J. OLUND
SHEET	12 OF 439



THE KEY PLAN APPLIES TO THE:
 LAYOUT SHEETS,
 I-91 ESPC EXISTING CONDITIONS SITE PLANS,
 I-91 ESPC CONSTRUCTION SITE PLANS,
 I-91 EPSC FINAL CONDITION SITE PLANS

WORKING PLANS FOR REFERENCE ONLY



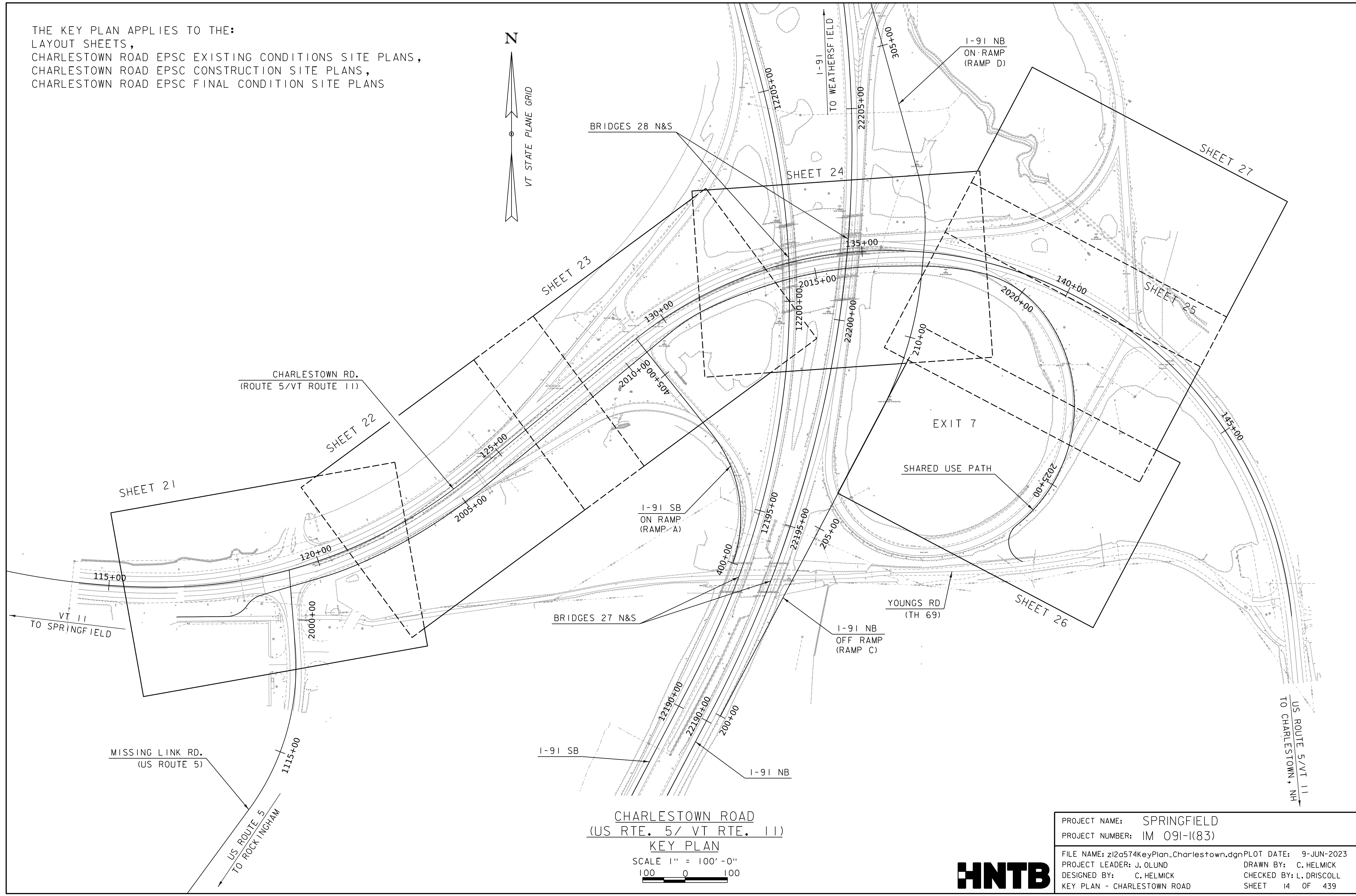
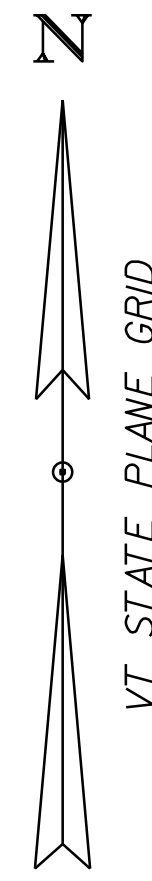
I-91 KEY PLAN

SCALE 1" = 250' -0"
 250 0 250

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574KeyPlan.I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		KEY PLAN - I-91			SHEET 13 OF 439



THE KEY PLAN APPLIES TO THE:
 LAYOUT SHEETS,
 CHARLESTOWN ROAD EPSC EXISTING CONDITIONS SITE PLANS,
 CHARLESTOWN ROAD EPSC CONSTRUCTION SITE PLANS,
 CHARLESTOWN ROAD EPSC FINAL CONDITION SITE PLANS



WORKING PLANS FOR REFERENCE ONLY

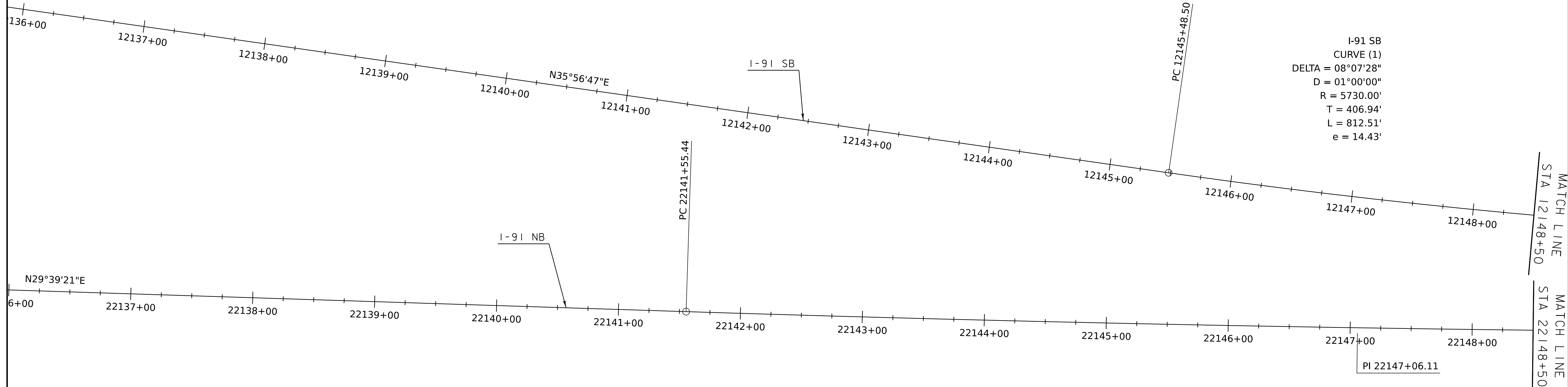
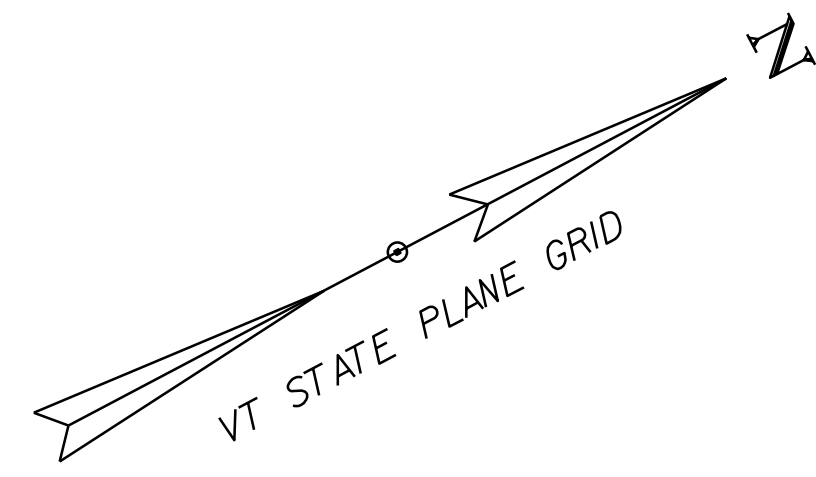
CHARLESTOWN ROAD
 (US RTE. 5 / VT RTE. 11)

KEY PLAN
 SCALE 1" = 100' - 0"
 100 0 100

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574KeyPlan.Charlestown.dgn
PLOT DATE:	9-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
KEY PLAN - CHARLESTOWN ROAD	SHEET 14 OF 439



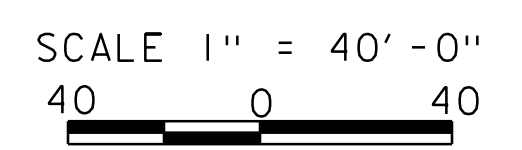
WORKING PLANS FOR REFERENCE ONLY



I-91 SB
 CURVE (1)
 DELTA = 08°07'28"
 D = 01°00'00"
 R = 5730.00'
 T = 406.94'
 L = 812.51'
 e = 14.43'

I-91 NB
 CURVE (1)
 DELTA = 01°50'08"
 D = 00°10'00"
 R = 34377.00'
 T = 550.67'
 L = 1101.25'
 e = 4.41'

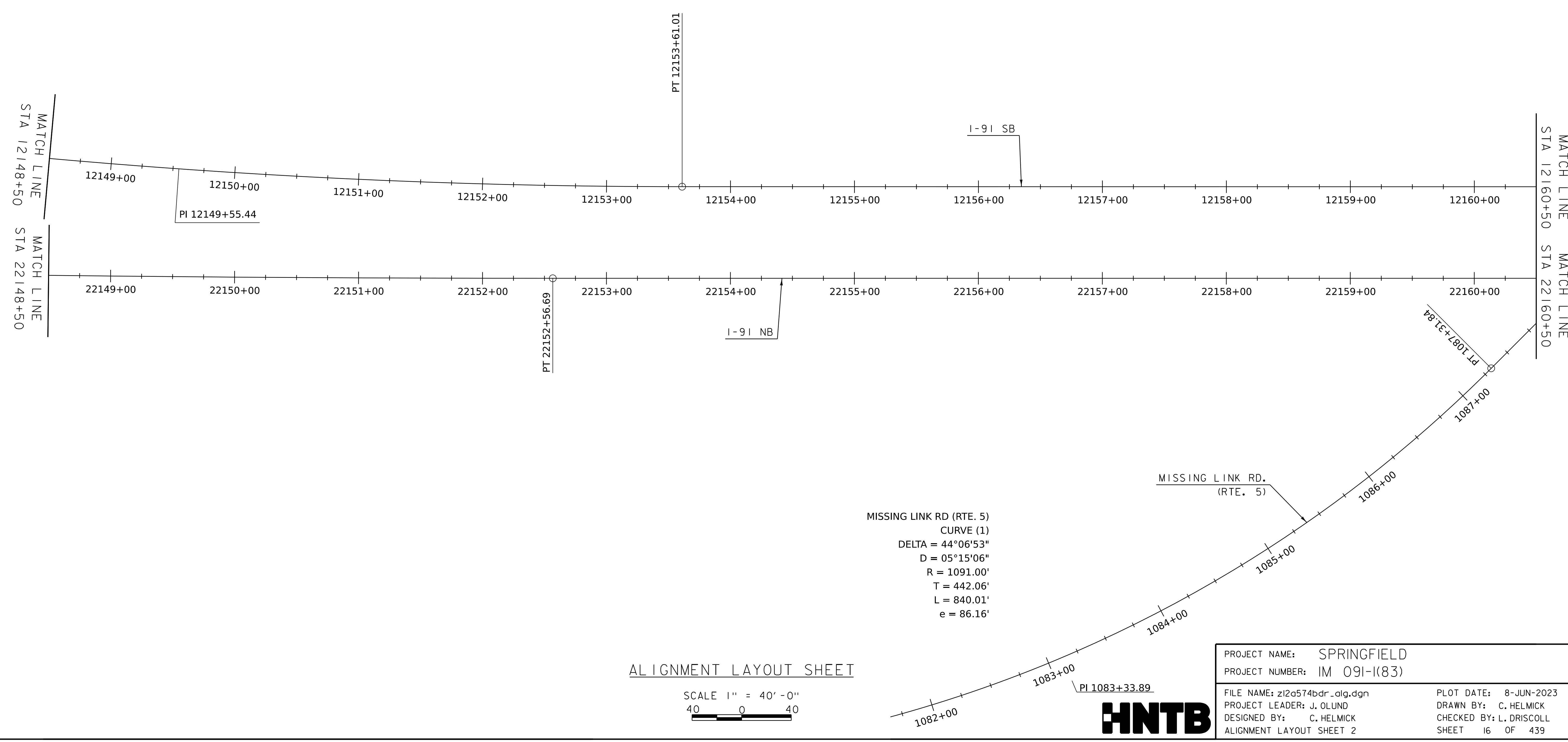
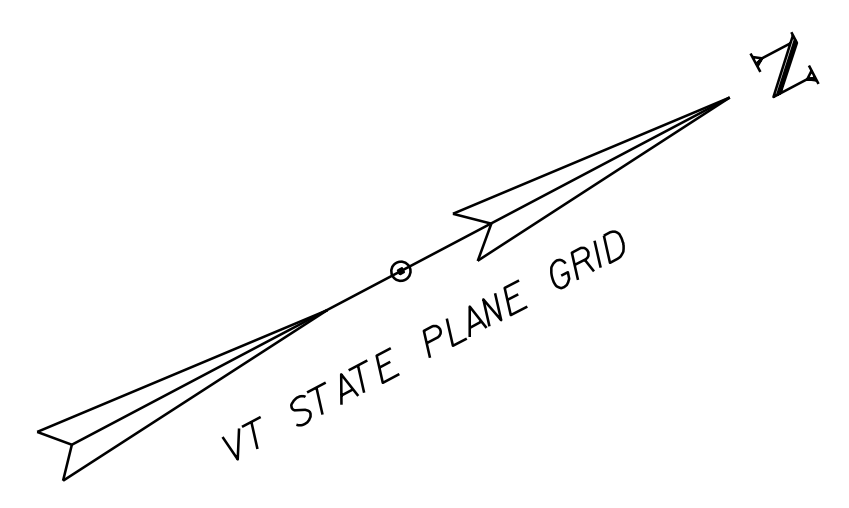
ALIGNMENT LAYOUT SHEET



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 1	SHEET 15 OF 439

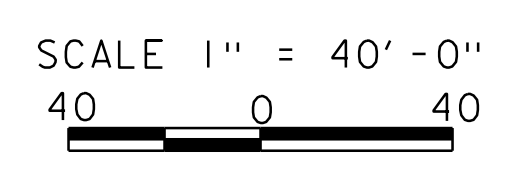


74+60.92



MISSING LINK RD (RTE. 5)
 CURVE (1)
 DELTA = 44°06'53"
 D = 05°15'06"
 R = 1091.00'
 T = 442.06'
 L = 840.01'
 e = 86.16'

ALIGNMENT LAYOUT SHEET

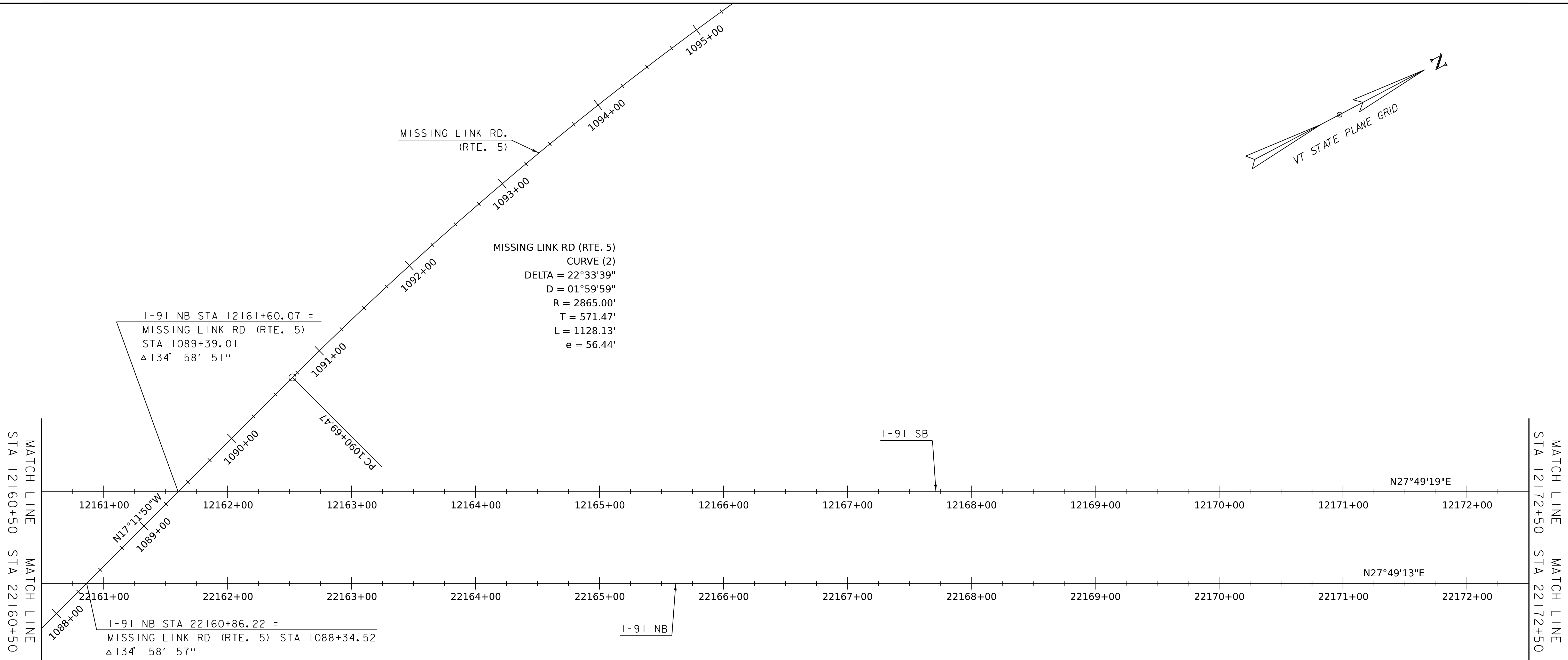
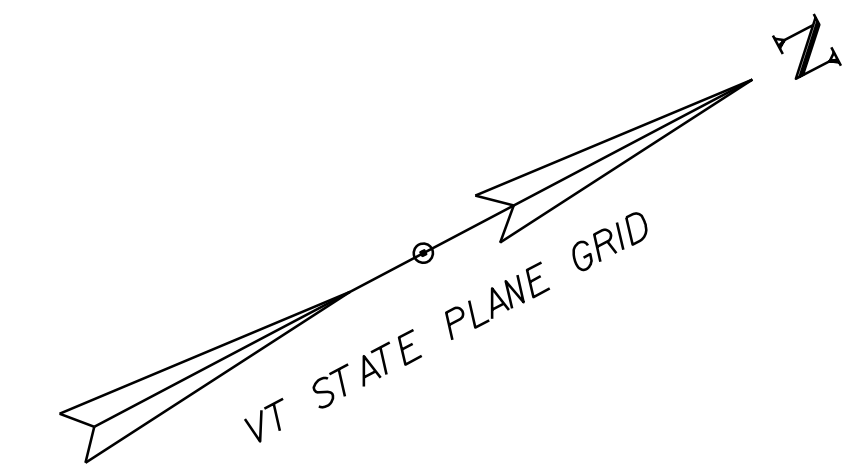


PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 2	SHEET 16 OF 439

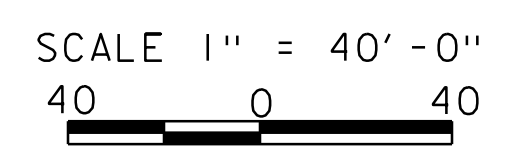


WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY

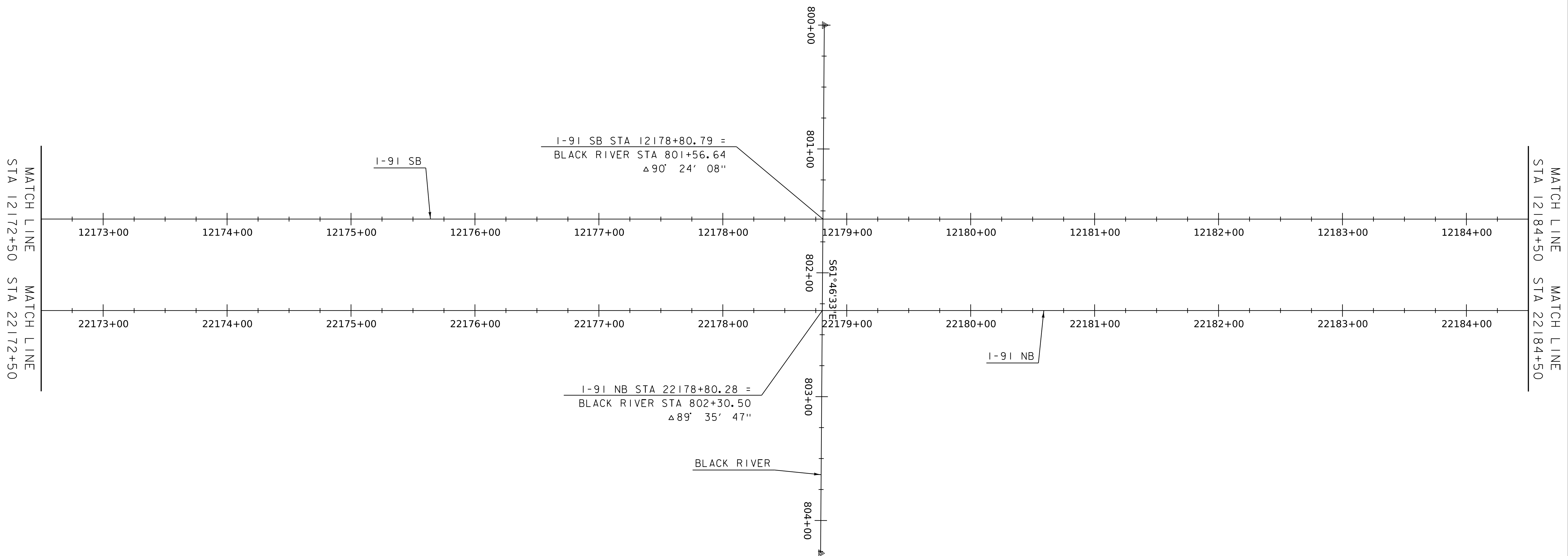
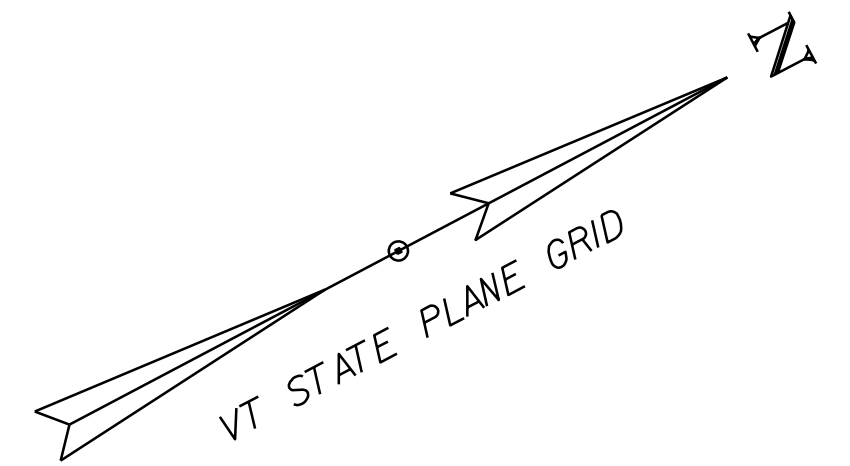


ALIGNMENT LAYOUT SHEET



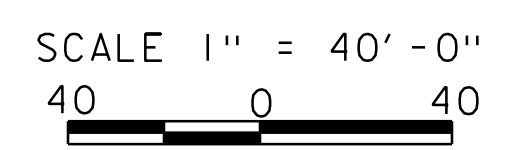
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PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 3	SHEET 17 OF 439





WORKING PLANS FOR REFERENCE ONLY

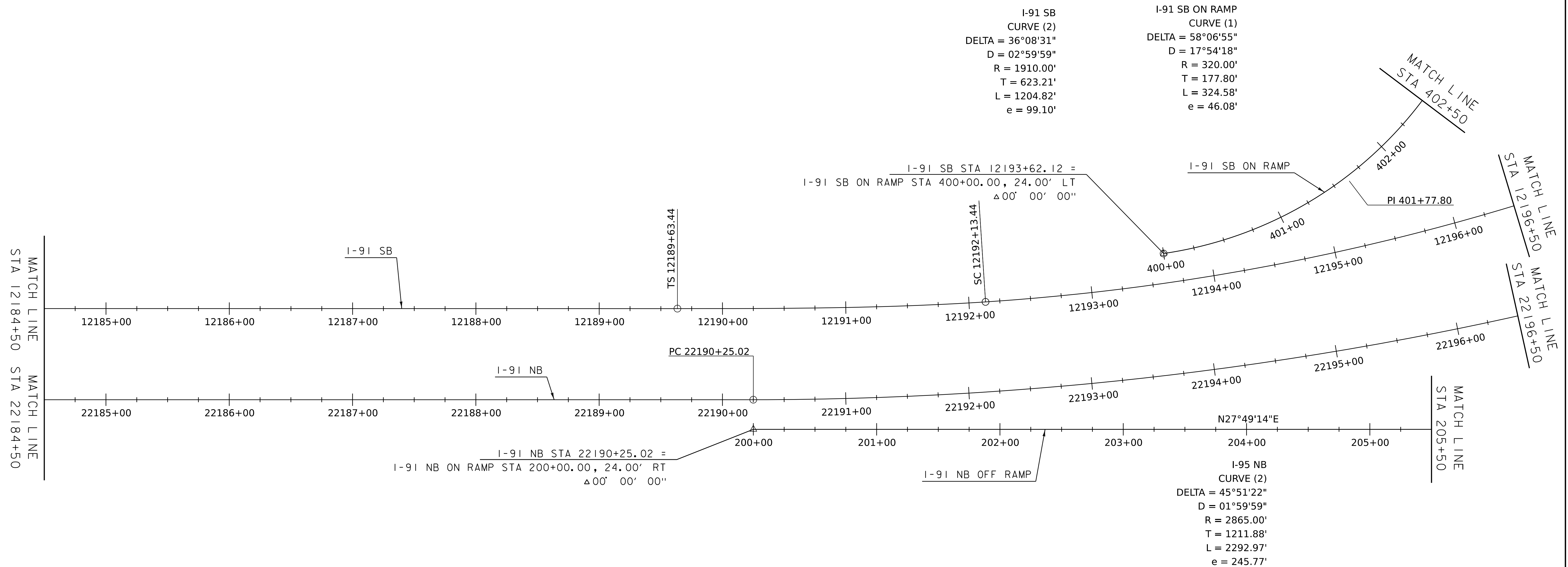
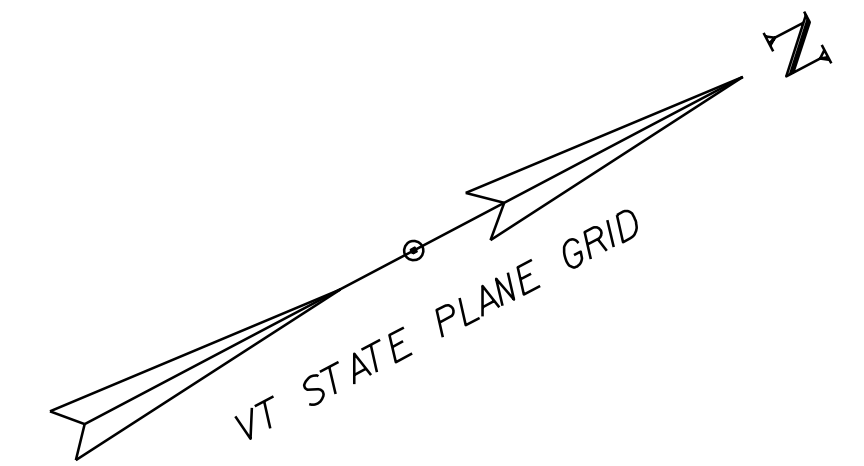
ALIGNMENT LAYOUT SHEET



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 4	SHEET 18 OF 439



WORKING PLANS FOR REFERENCE ONLY



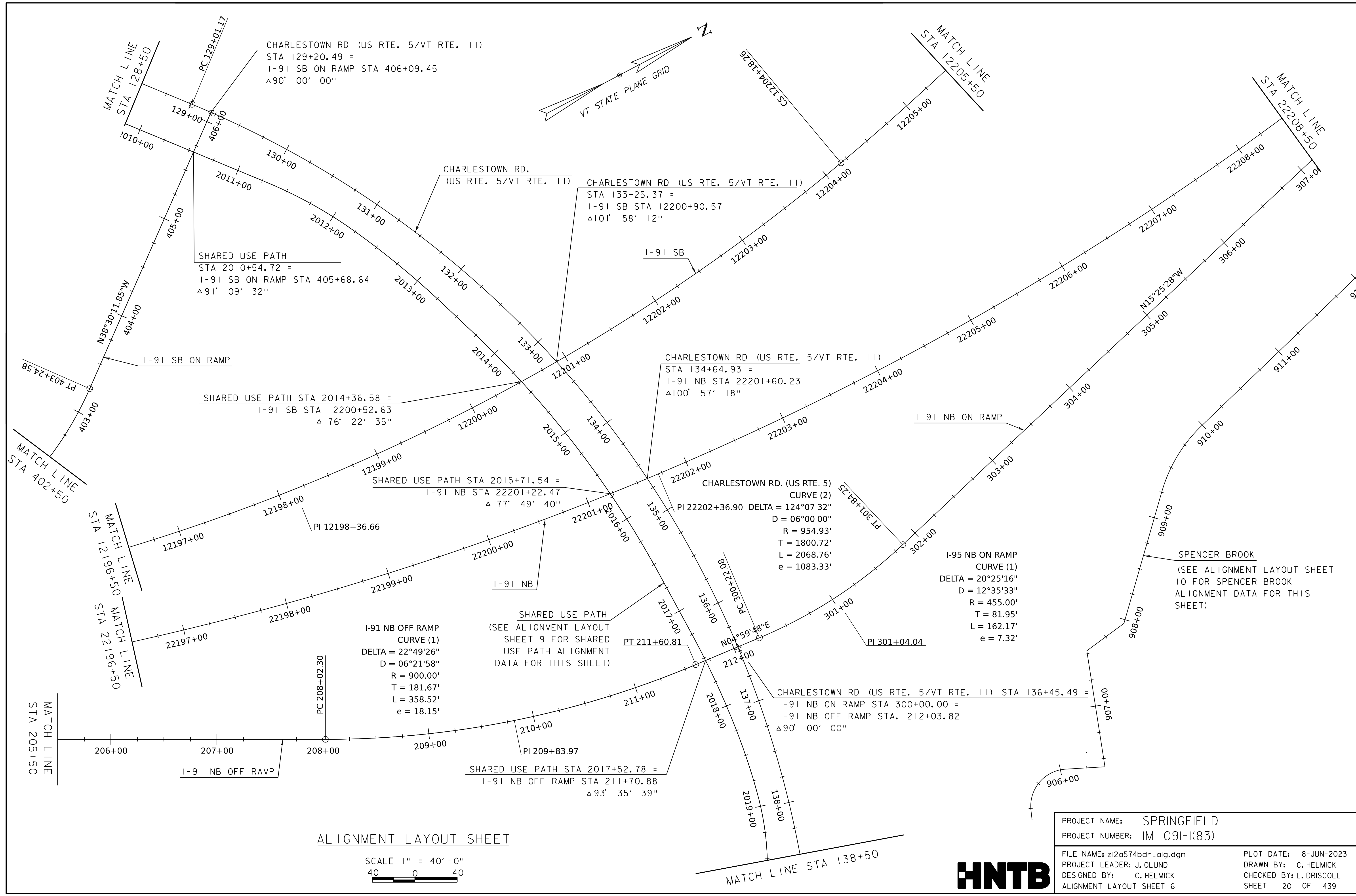
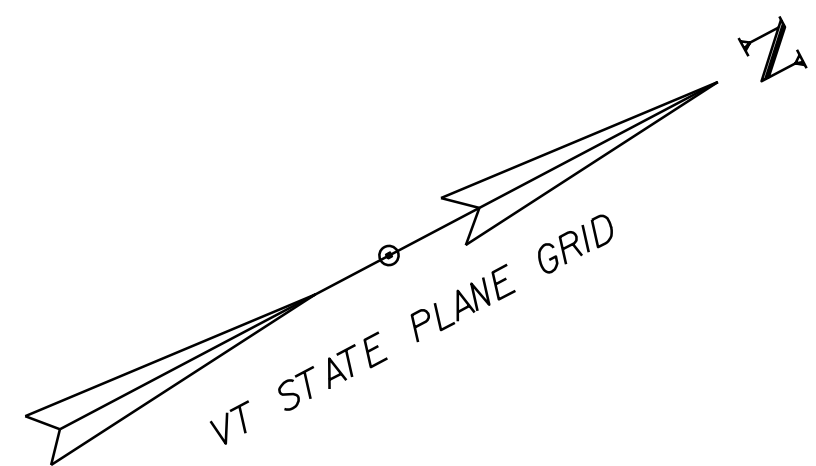
ALIGNMENT LAYOUT SHEET

SCALE 1" = 40'-0"
40 0 40



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 5	SHEET 19 OF 439

WORKING PLANS FOR REFERENCE ONLY



ALIGNMENT LAYOUT SHEET

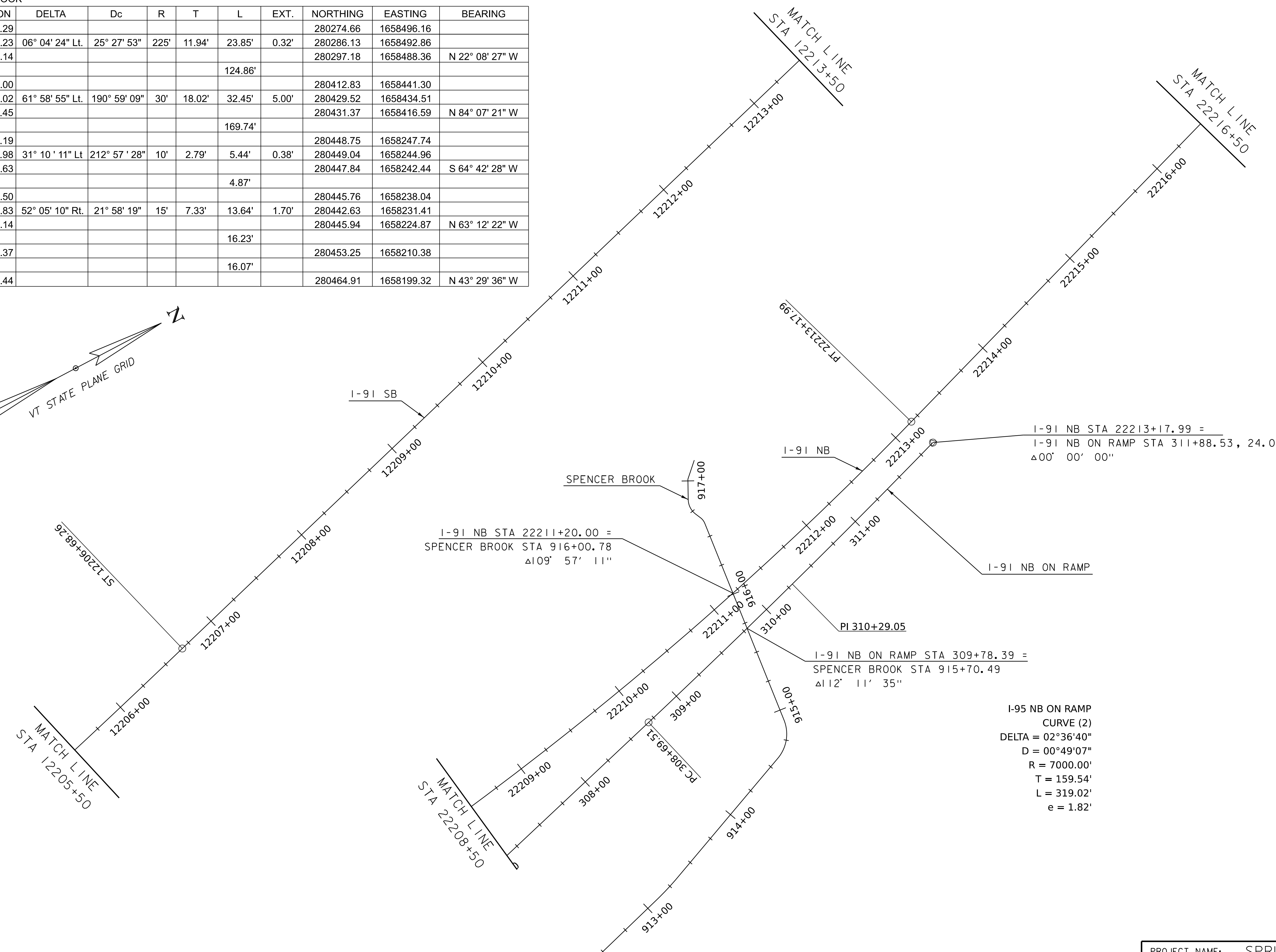
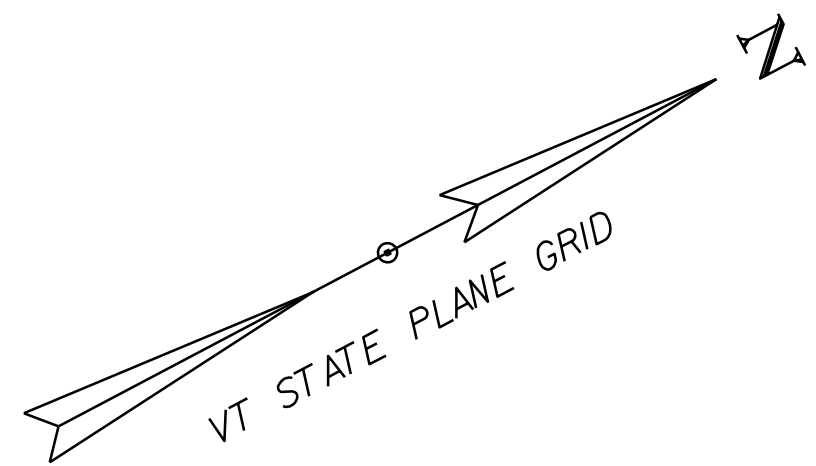
SCALE 1" = 40' - 0"
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574bdr_alg.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
ALIGNMENT LAYOUT SHEET 6			SHEET 20 OF 439



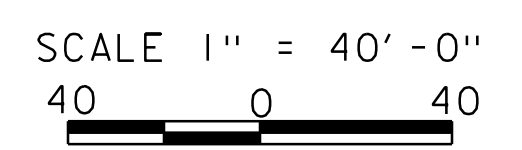
SPENCER BROOK

POINT	STATION	DELTA	Dc	R	T	L	EXT.	NORTHING	EASTING	BEARING
PC	913+10.29							280274.66	1658496.16	
PI	913+22.23	06° 04' 24" Lt.	25° 27' 53"	225'	11.94'	23.85'	0.32'	280286.13	1658492.86	
PT	913+34.14							280297.18	1658488.36	N 22° 08' 27" W
TO						124.86'				
PC	914+59.00							280412.83	1658441.30	
PI	914+77.02	61° 58' 55" Lt.	190° 59' 09"	30'	18.02'	32.45'	5.00'	280429.52	1658434.51	
PT	914+91.45							280431.37	1658416.59	N 84° 07' 21" W
TO						169.74'				
PC	916+61.19							280448.75	1658247.74	
PI	916+63.98	31° 10' 11" Lt.	212° 57' 28"	10'	2.79'	5.44'	0.38'	280449.04	1658244.96	
PT	916+66.63							280447.84	1658242.44	S 64° 42' 28" W
TO						4.87'				
PC	916+71.50							280445.76	1658238.04	
PI	916+78.83	52° 05' 10" Rt.	21° 58' 19"	15'	7.33'	13.64'	1.70'	280442.63	1658231.41	
PT	916+85.14							280445.94	1658224.87	N 63° 12' 22" W
TO						16.23'				
PI	917+01.37							280453.25	1658210.38	
TO						16.07'				
POE	917+17.44							280464.91	1658199.32	N 43° 29' 36" W



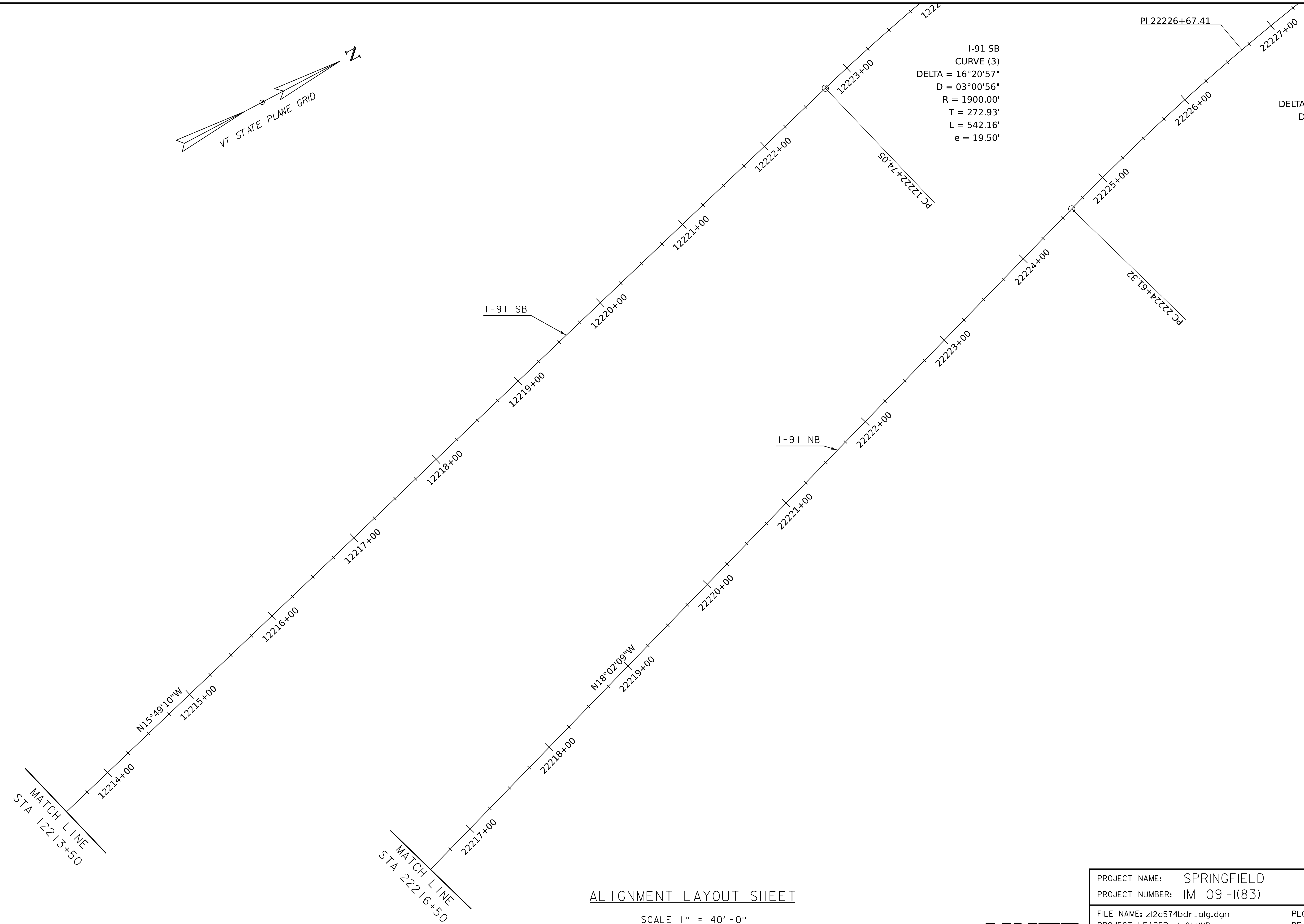
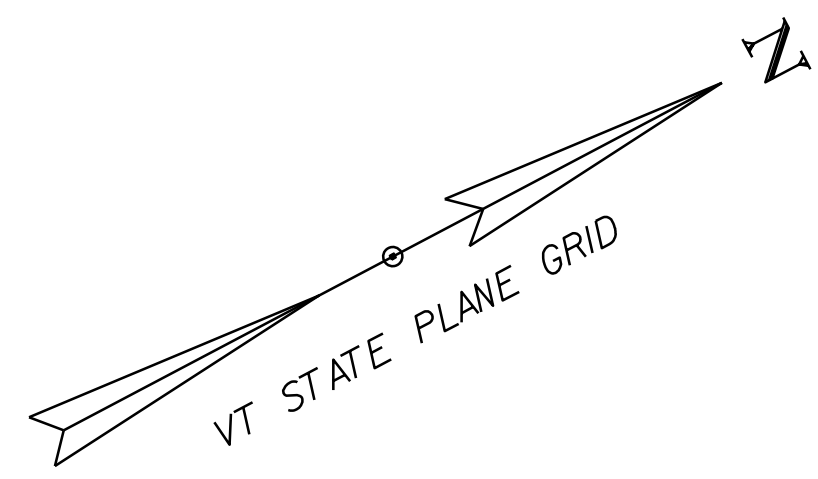
WORKING PLANS FOR REFERENCE ONLY

ALIGNMENT LAYOUT SHEET

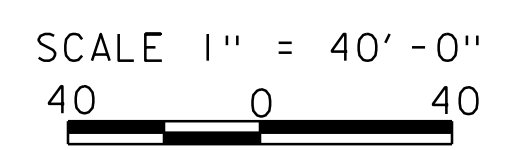


PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574bdr_alg.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ALIGNMENT LAYOUT SHEET 7	SHEET 21 OF 439
DESIGNED BY:	C. HELMICK		

WORKING PLANS FOR REFERENCE ONLY



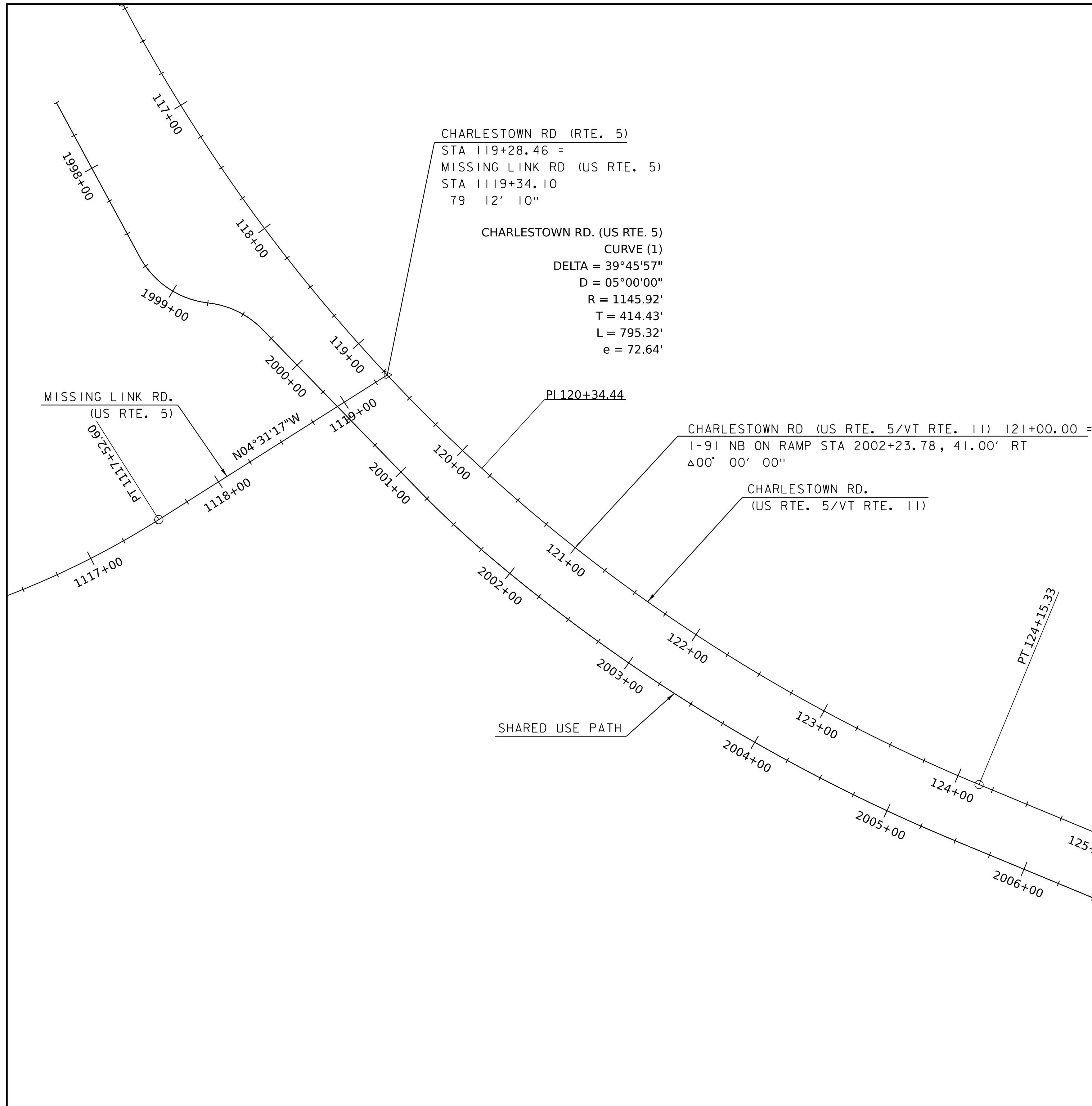
ALIGNMENT LAYOUT SHEET



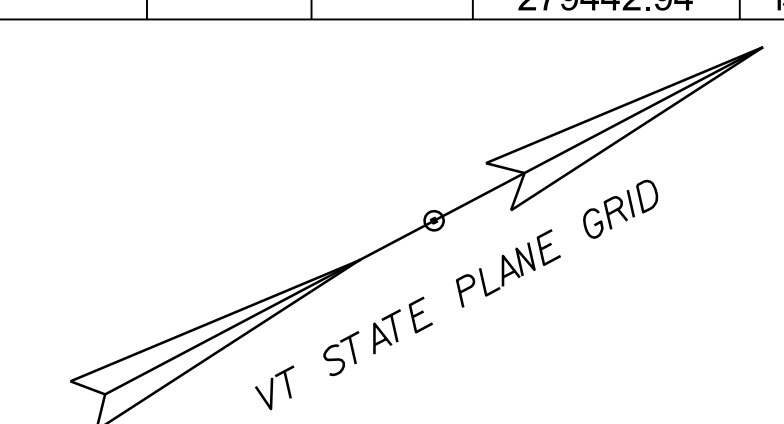
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574bdr_alg.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ALIGNMENT LAYOUT SHEET 8	SHEET 22 OF 439



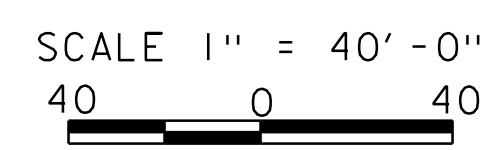
WORKING PLANS FOR REFERENCE ONLY



SHARED USE PATH										
POINT	STATION	DELTA	Dc	R	T	L	EXT.	NORTHING	EASTING	BEARING
POB	1997+49.96							278631.08	1656801.99	N 89° 26' 27" E
TO										
PC	1998+67.46							278632.23	1656919.49	
PI	1998+98.89	55° 17' 20" Lt.	95° 29' 35"	60.00'	31.43'	57.90'	7.73'	278632.53	1656950.92	
PRC	1999+25.36							278658.56	1656968.57	N 34° 10' 34" E
PI	1999+46.90	39° 29' 15" Rt.	95° 29' 35"	60.00'	21.54'	41.35'	3.75'	278682.44	1657001.34	
PT	1999+66.71							278682.44	1657001.34	N 73° 39' 49" E
TO										
PC	2001+16.95							278724.69	1657145.51	
PI	2001+49.78	05° 34' 12" Lt.	08° 29' 18"	675.00'	32.84'	65.62'	0.80'	278733.93	1657177.02	
PCC	2001+82.57							278746.18	1657207.48	N 68° 05' 37" E
PI	2002+74.74	08° 52' 52" Lt.	04° 49' 38"	1186.92'	92.17'	183.98'	3.57'	278780.57	1657293.00	
PCC	2003+66.54							278827.75	1657372.18	N 59° 12' 46" E
PI	2004+58.65	08° 52' 30" Lt.	04° 49' 38"	1186.92'	92.11'	183.85'	3.57'	278874.89	1657451.31	
PT	2005+50.40							278933.68	1657522.22	N 50° 20' 16" E
TO						578.15'				
PC	2011+28.54							279302.69	1657967.29	
PI	2011+78.26	13° 25' 24" Rt.	13° 33' 39"	422.51'	49.72'	98.99'	2.92'	279334.43	1658005.56	
PCC	2012+27.53							279356.41	1658050.16	N 63° 45' 40" E
PI	2012+81.66	07° 30' 24" Rt.	06° 56' 37"	825.17'	54.13'	108.11'	1.77'	279380.34	1658098.71	
PT	2013+35.64							279397.73	1658149.98	N 71° 16' 03" E
TO						36.73'				
PC	2013+72.37							279409.52	1658184.76	
PI	2015+17.75	18° 00' 00" Rt.	06° 14' 31"	917.93'	145.39'	288.37'	11.44'	279456.21	1658322.45	
PT	2016+60.74							279458.07	1658467.82	N 89° 16' 03" E
PT						62.48'				
PC	2017+23.22							279458.87	1658530.29	
PI	2017+76.74	07° 42' 02" Rt.	07° 12' 15"	795.31'	53.53'	106.89'	1.80'	279459.55	1658583.81	
PCC	2018+30.11							279453.06	1658636.94	S 83° 01' 55" E
PI	2018+59.79	05° 43' 01" Rt.	09° 38' 19"	594.44'	29.68'	59.31'	0.74'	279449.46	1658666.41	
PCC	2018+89.42							279442.94	1658695.36	S 77° 18' 54" E

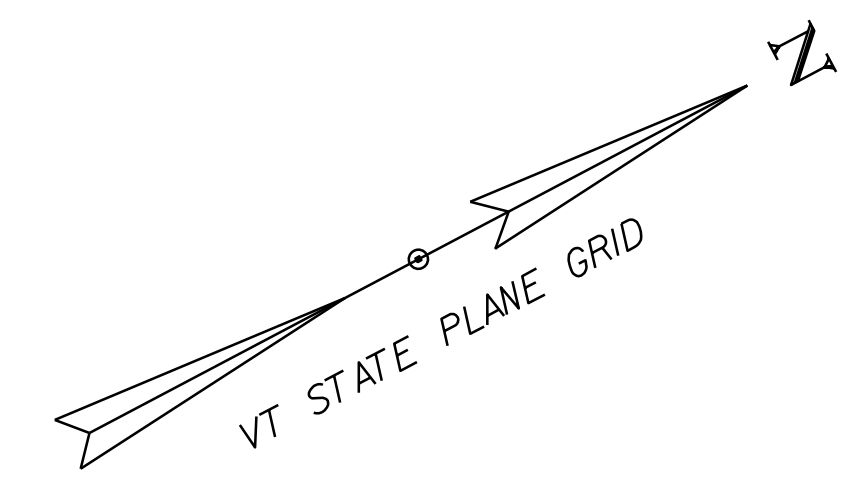


ALIGNMENT LAYOUT SHEET



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574bdr_alg.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ALIGNMENT LAYOUT SHEET	9
DESIGNED BY:	C. HELMICK	SHEET	23 OF 439

WORKING PLANS FOR REFERENCE ONLY



SHARED USE PATH

POINT	STATION	DELTA	Dc	R	T	L	EXT.	NORTHING	EASTING	BEARING
PI	2019+85.82	40° 41' 04" Rt.	22° 02' 13"	260'	96.40'	184.62'	17.29'	279421.77	1658789.40	
PCC	2020+74.04							279344.42	1658846.92	S 36° 37' 49" E
PI	2024+22.62	88° 09' 13" Rt.	15° 54' 56"	360'	348.58'	553.89'	141.11'	279064.68	1659054.90	
PRC	2026+27.93							278847.79	1658782.01	S 51° 31' 23" W
PI	2027+17.64	121° 44' 12" Lt.	114° 35' 30"	50'	89.72'	106.24'	52.71'	278791.97	1658711.78	
POE	2027+34.16							278761.60	1658796.19	S 70° 12' 48" E

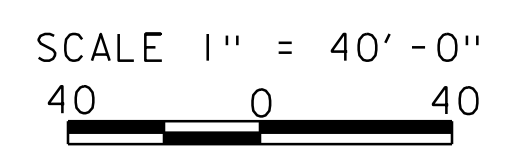
SPENCER BROOK

POINT	STATION	DELTA	Dc	R	T	L	EXT.	NORTHING	EASTING	BEARING
POB	900+00.00							279311.74	1659232.98	N 56° 12' 11" W
TO						27.25'				
PC	900+27.25							279326.90	1659210.33	
PI	900+42.49	19° 13' 23" Rt.	63° 39' 43"	90'	15.24'	30.20'	1.28'	279335.38	1659197.67	
PT	900+57.45							279347.55	1659188.50	N 36° 58' 49" W
TO						36.67'				
PC	900+94.12							279376.84	1659166.44	
PI	901+31.00	27° 37' 37" Lt.	38° 11' 50"	150'	36.88'	72.33'	4.47'	279406.31	1659144.26	
PT	901+66.45							279422.12	1659110.94	N 64° 36' 26" W
TO						8.91'				
PC	901+75.36							279425.94	1659102.89	
PI	902+07.09	29° 37' 18" Rt.	47° 44' 47"	120'	31.73'	62.04'	4.12'	279439.55	1659074.22	
PT	902+37.40							279465.55	1659056.03	N 34° 59' 09" W
TO						58.41'				
PC	902+95.80							279513.40	1659022.54	
PI	903+11.25	28° 52' 6" Lt.	95° 29' 35"	60'	15.44'	30.23'	1.96'	279526.05	1659013.69	
PT	903+26.04							279532.86	1658999.82	N 63° 51' 15" W
TO						44.54'				
PC	903+70.57							279552.48	1658959.85	
PI	903+90.43	31° 40' 59" Rt.	81° 51' 04"	70'	19.86'	38.71'	2.76'	279561.23	1658942.02	
PT	904+09.28							279578.05	1658931.44	N 32° 10' 16" W
TO						30.37'				
PC	904+39.65							279603.76	1658915.27	
PI	904+81.17	36° 44' 48" Lt.	45° 50' 12"	125'	41.52'	80.17'	6.71'	279638.90	1658893.16	
PT	905+19.82							279653.83	1658854.42	N 68° 55' 03" W
TO						28.14'				
PC	905+47.96							279663.96	1658828.16	
PI	905+85.06	93° 19' 24" Rt.	163° 42' 08"	35'	37.09'	57.01'	16.00'	279677.30	1658793.55	
PT	906+04.97							279711.08	1658808.88	N 24° 24' 21" E

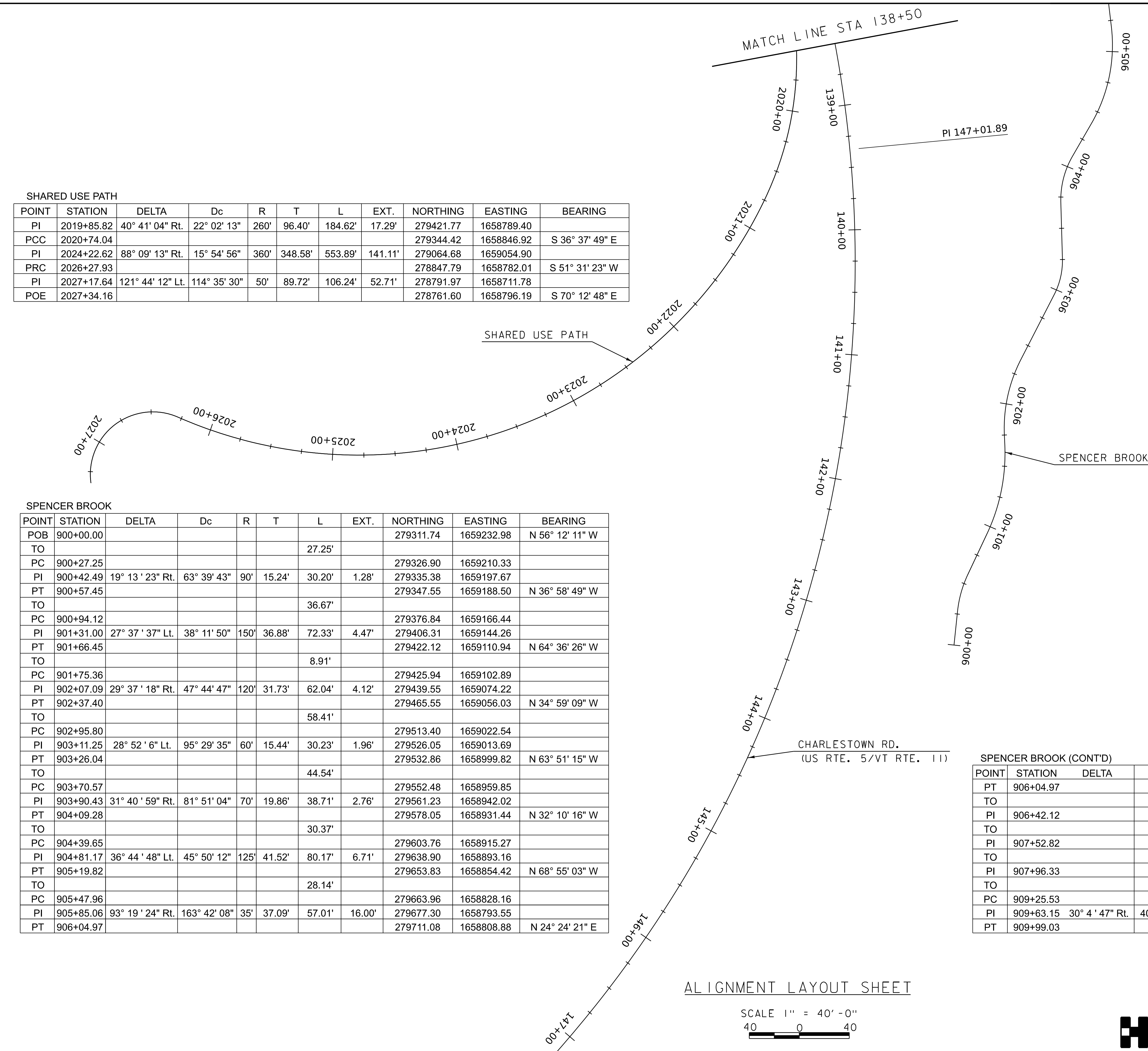
SPENCER BROOK (CONT'D)

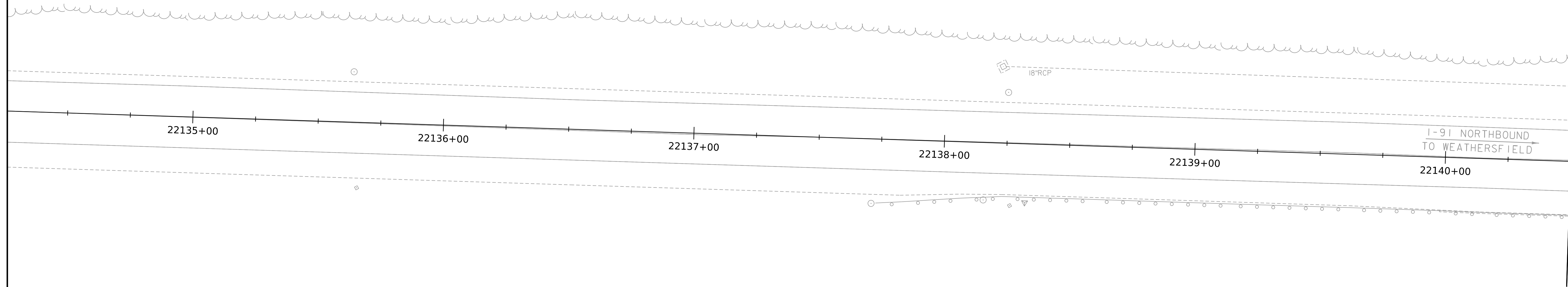
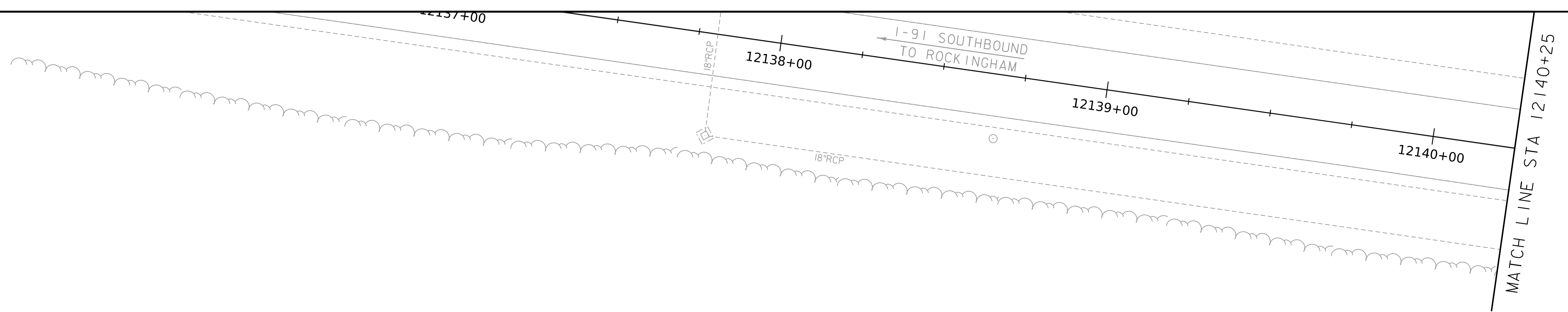
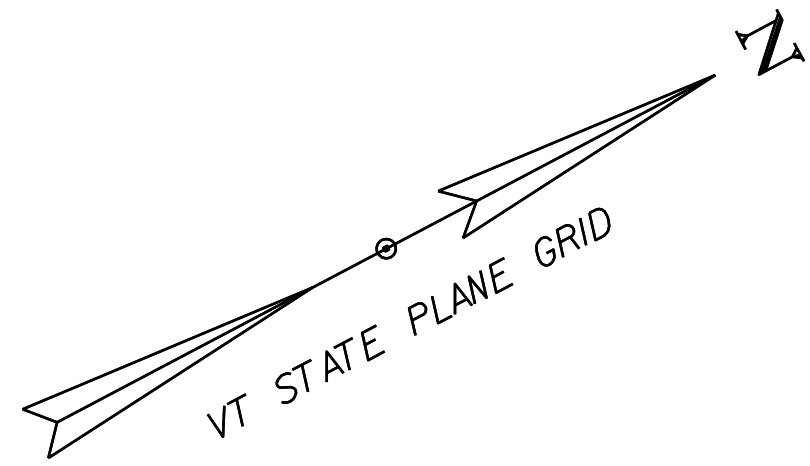
POINT	STATION	DELTA	Dc	R	T	L	EXT.	NORTHING	EASTING	BEARING
PT	906+04.97							279711.08	1658808.88	N 24° 24' 21" E
TO						37.15'				
PI	906+42.12							279744.90	1658824.23	N 71° 04' 26" W
TO						110.70'				
PI	907+52.82							279780.81	1658719.51	N 08° 35' 26" W
TO						43.51'				
PI	907+96.33							279823.83	1658713.01	N 46° 08' 49" W
TO						129.20'				
PC	909+25.53							279913.34	1658619.85	
PI	909+63.15	30° 4' 47" Rt.	40° 55' 32"	140'	37.62'	73.50'	4.97'	279939.40	1658592.72	
PT	909+99.03							279975.55	1658582.31	N 16° 04' 02" W

ALIGNMENT LAYOUT SHEET



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574bdr_alg.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	24 OF 439
DESIGNED BY:	C. HELMICK		
ALIGNMENT LAYOUT SHEET 10			





WORKING PLANS FOR REFERENCE ONLY

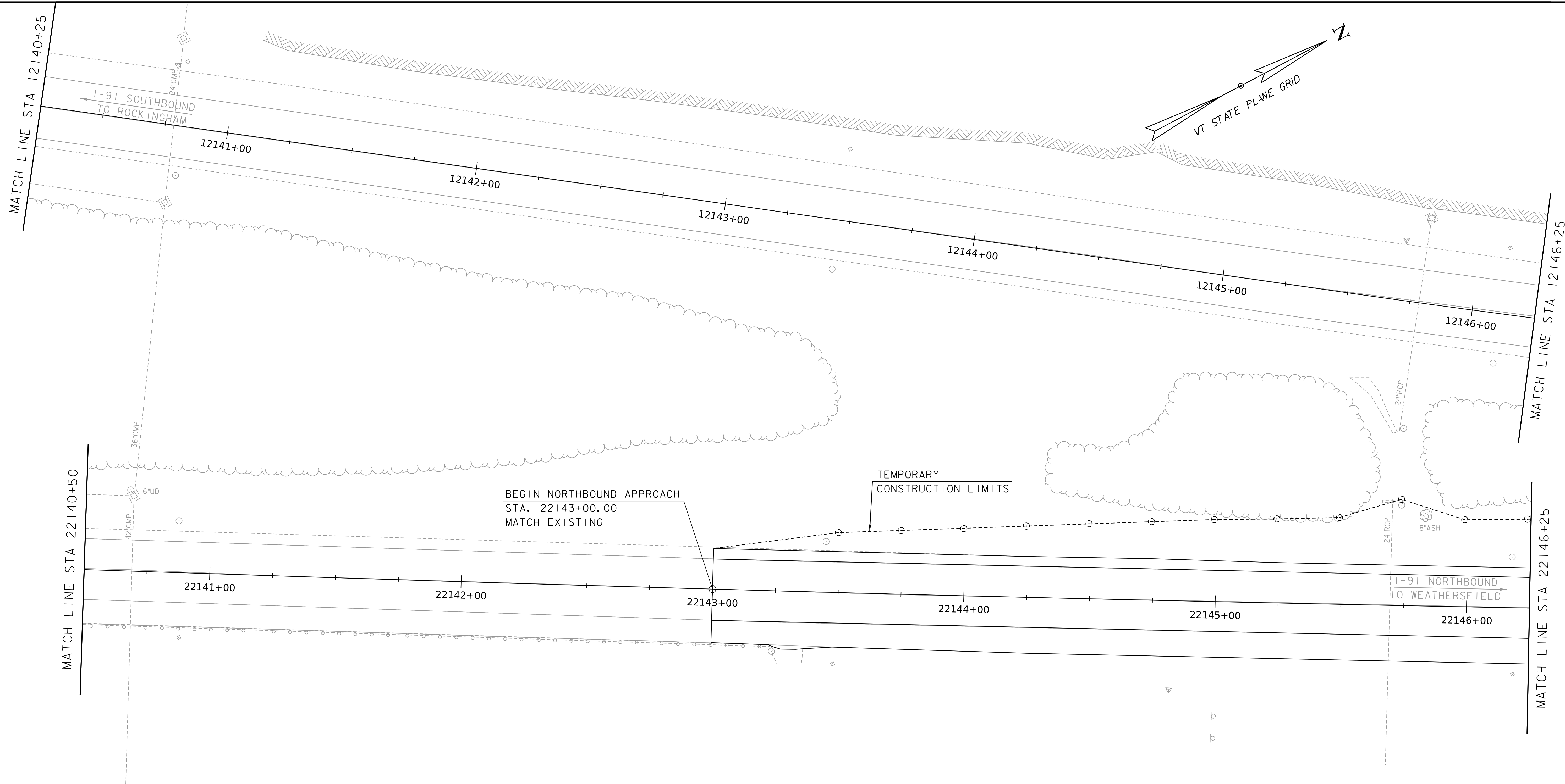
LAYOUT SHEET

SCALE 1" = 20'-0"



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 1	SHEET 25 OF 439

WORKING PLANS FOR REFERENCE ONLY



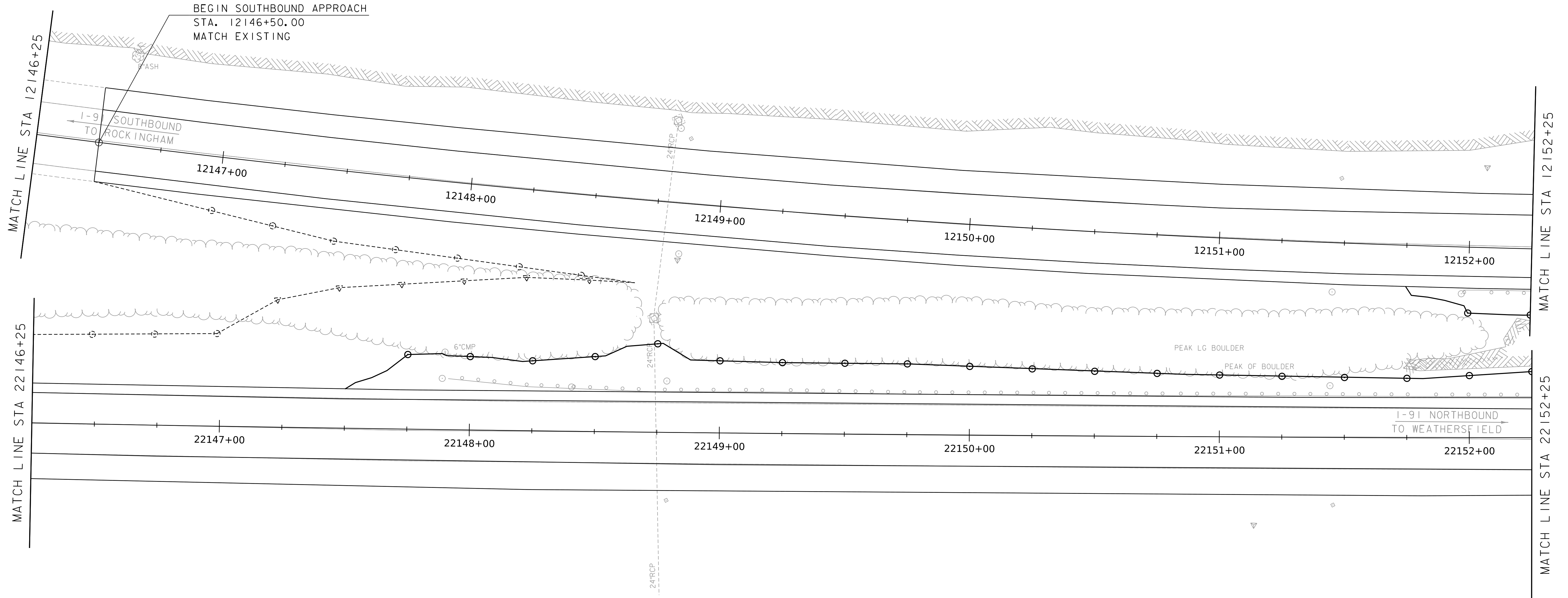
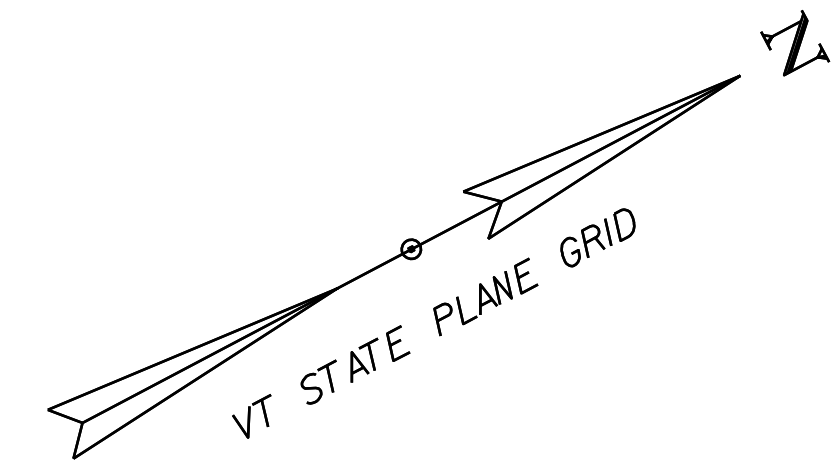
LAYOUT SHEET

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 2	SHEET 26 OF 439



WORKING PLANS FOR REFERENCE ONLY



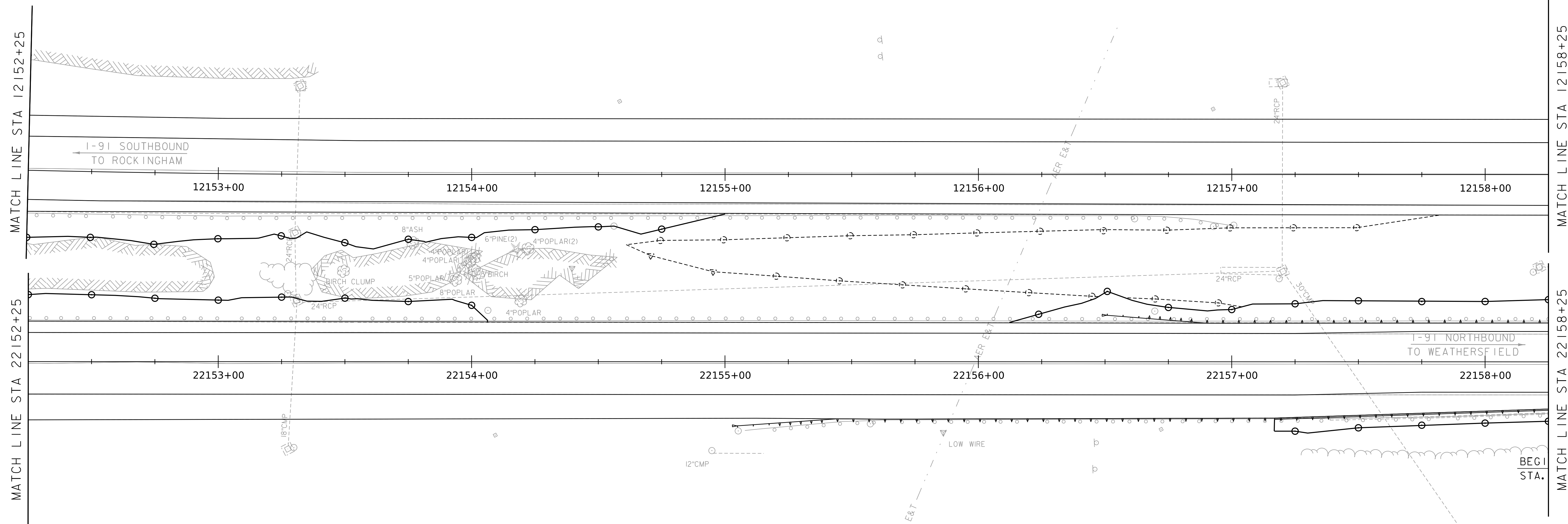
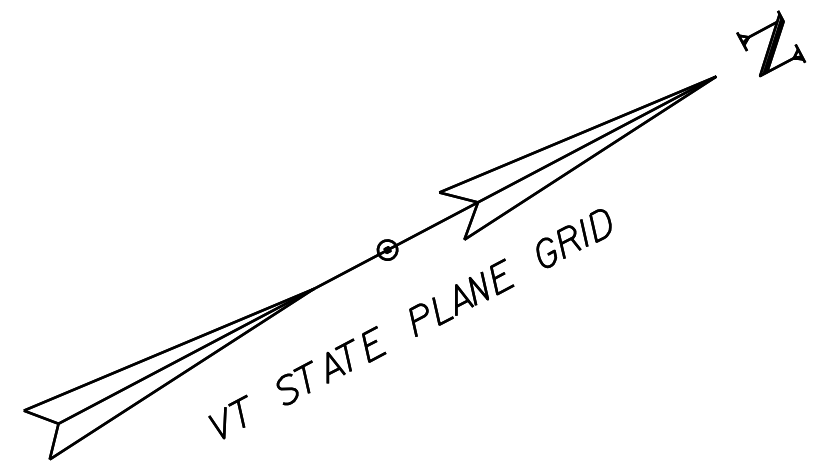
LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 3	SHEET 27 OF 439

WORKING PLANS FOR REFERENCE ONLY



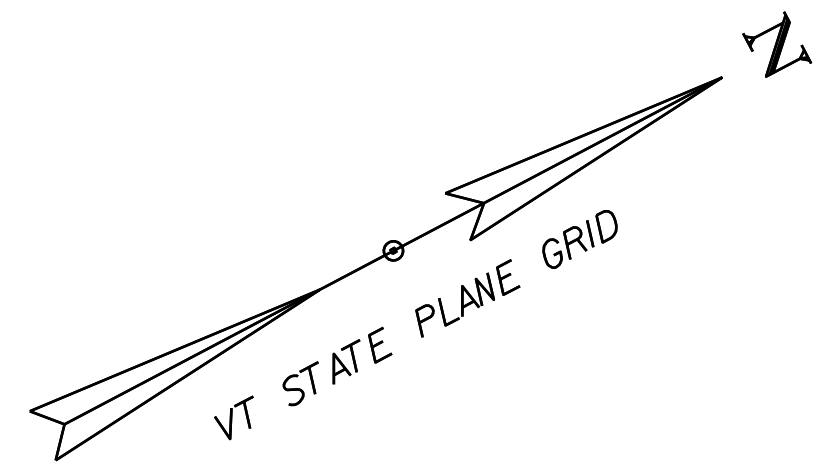
LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20

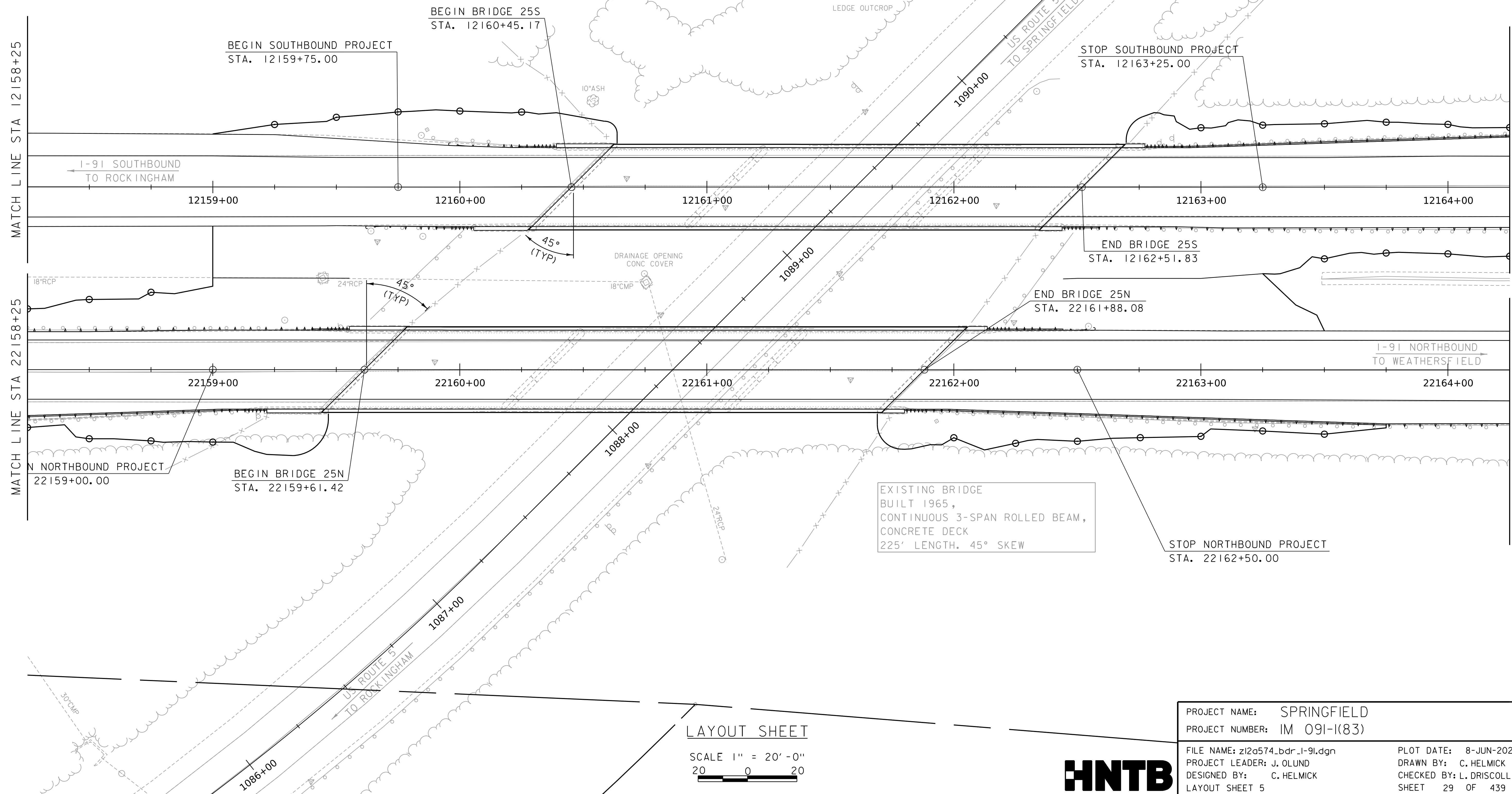


PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 4	SHEET 28 OF 439

WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
205' LENGTH. 45° SKEW

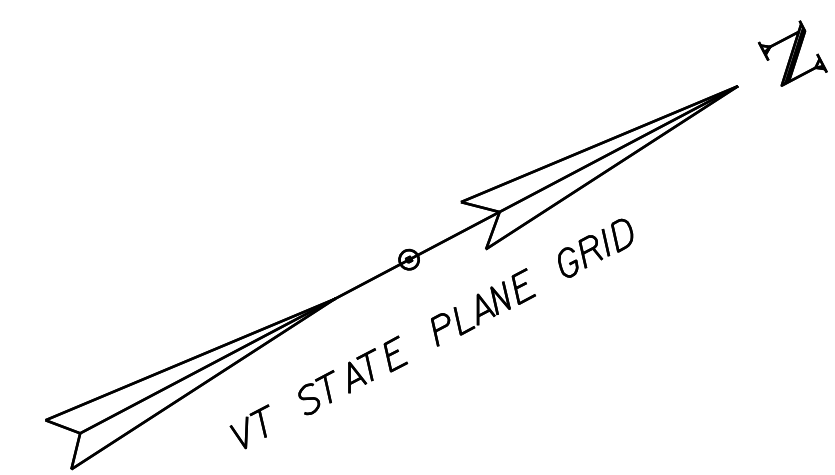


LAYOUT SHEET

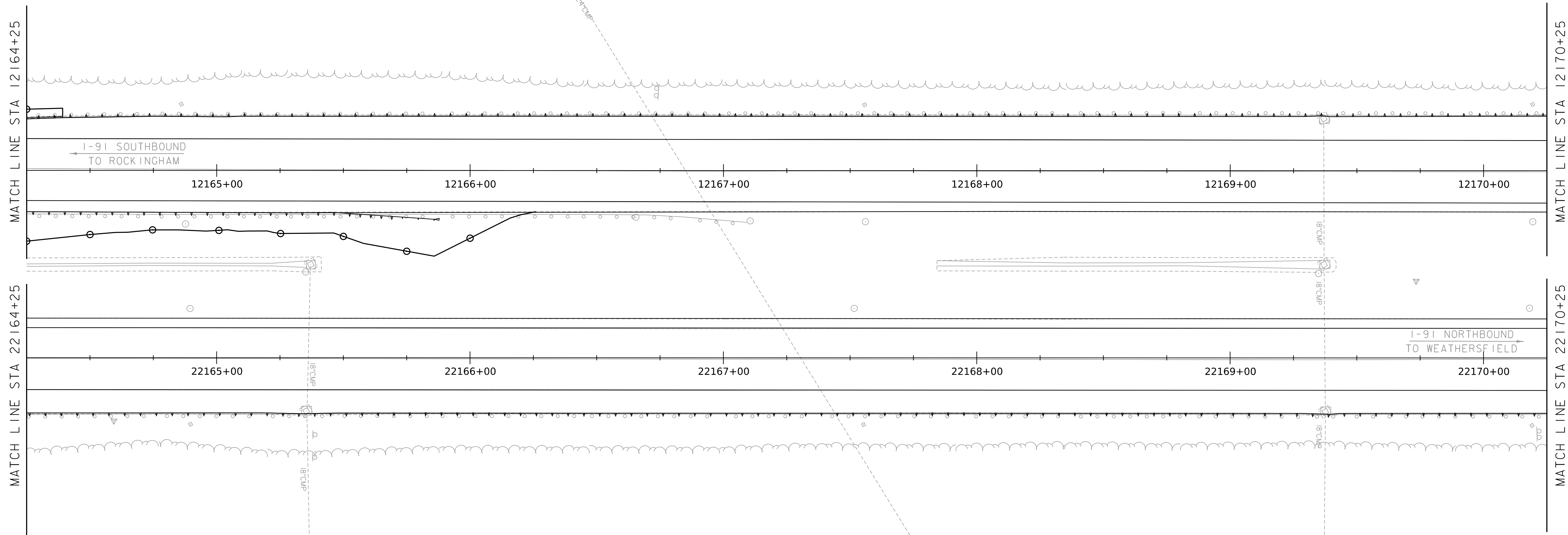
SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_1-91.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	29 OF 439
DESIGNED BY:	C. HELMICK	LAYOUT SHEET	5



EXISTING R.O.W.



WORKING PLANS FOR REFERENCE ONLY

LAYOUT SHEET

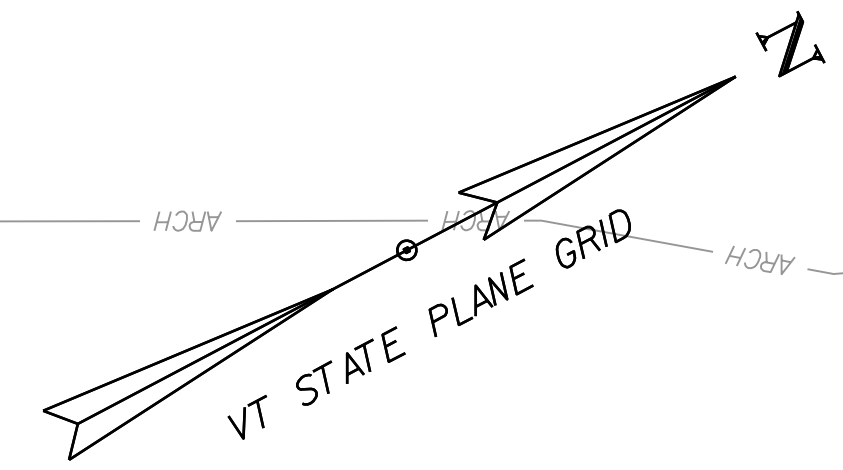
SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 6	SHEET 30 OF 439

WORKING PLANS FOR REFERENCE ONLY

EXISTING R.O.W.

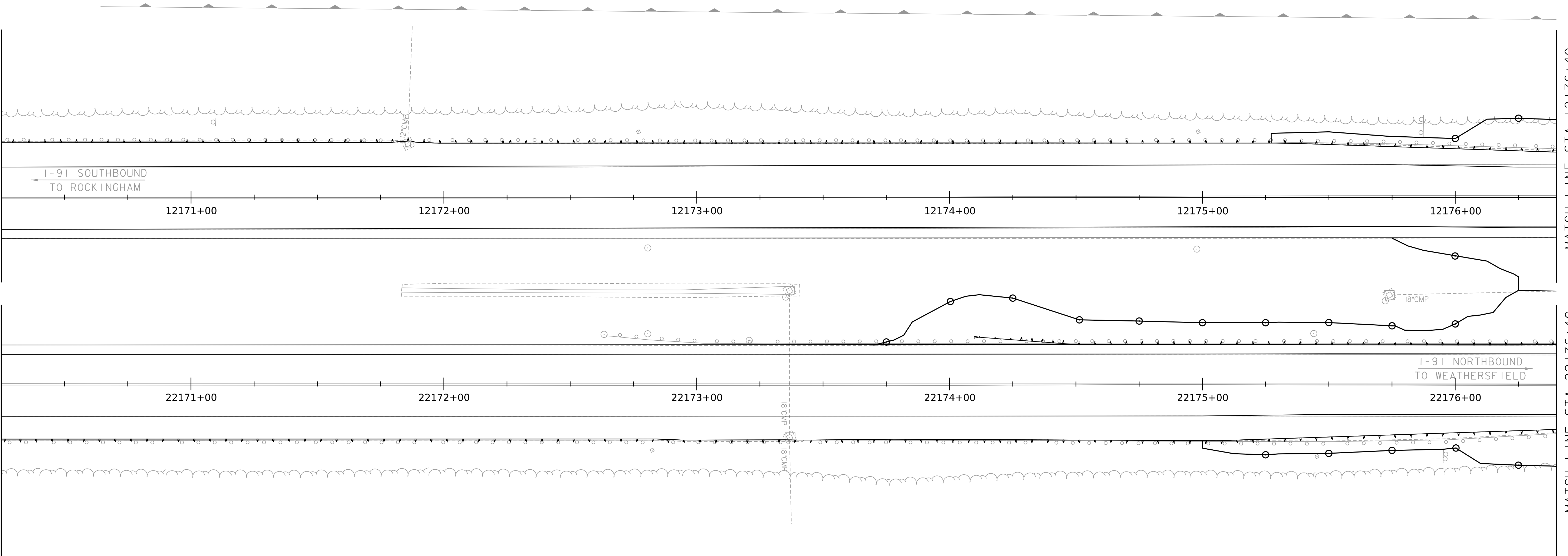


MATCH LINE STA 12170+25

MATCH LINE STA 22170+25

MATCH LINE STA 12176+40

MATCH LINE STA 22176+40



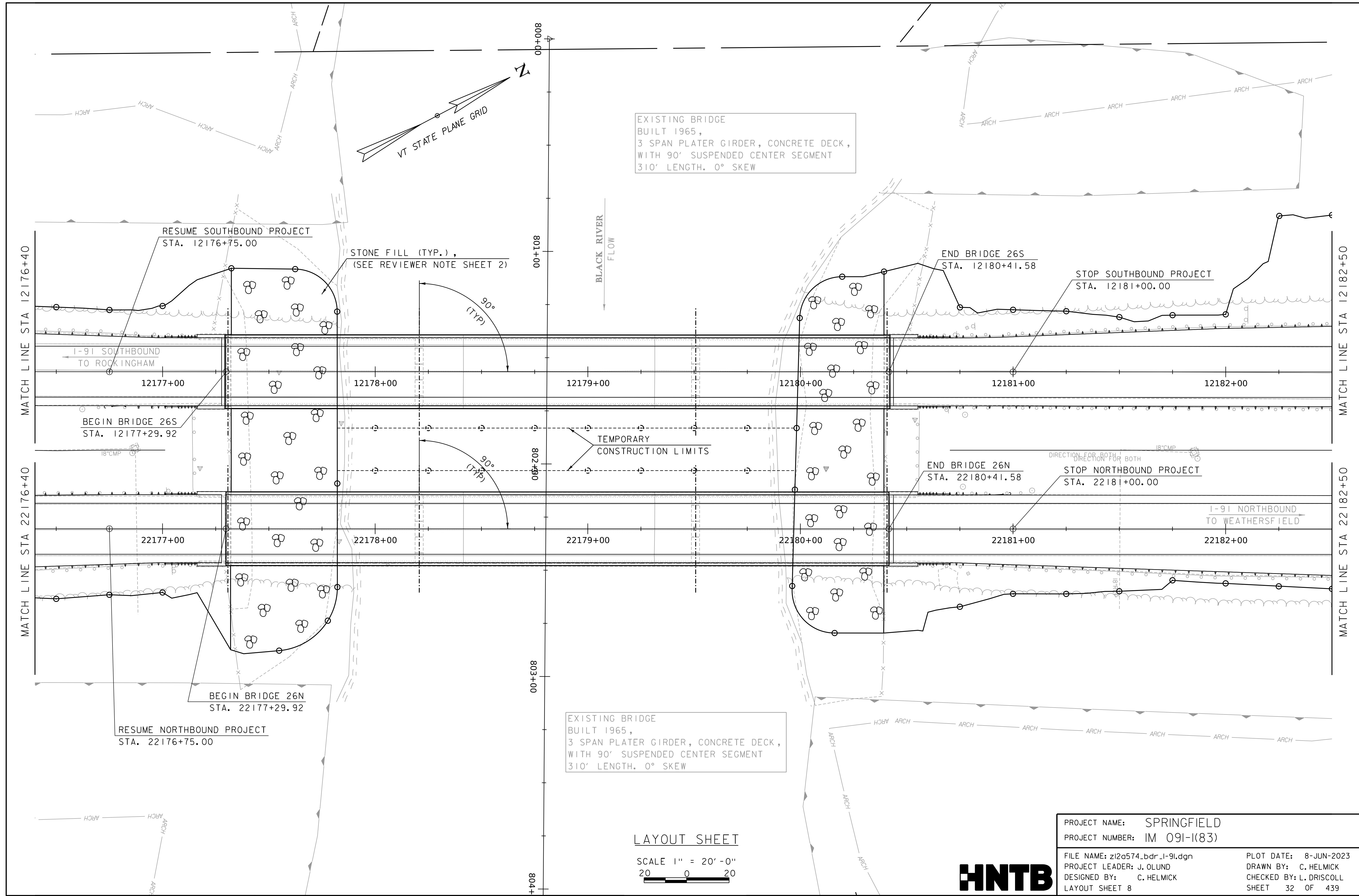
LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 7	SHEET 31 OF 439

WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
 BUILT 1965,
 3 SPAN PLATER GIRDER, CONCRETE DECK,
 WITH 90' SUSPENDED CENTER SEGMENT
 310' LENGTH. 0° SKEW

EXISTING BRIDGE
 BUILT 1965,
 3 SPAN PLATER GIRDER, CONCRETE DECK,
 WITH 90' SUSPENDED CENTER SEGMENT
 310' LENGTH. 0° SKEW

LAYOUT SHEET

SCALE 1" = 20' - 0"
 20 0 20

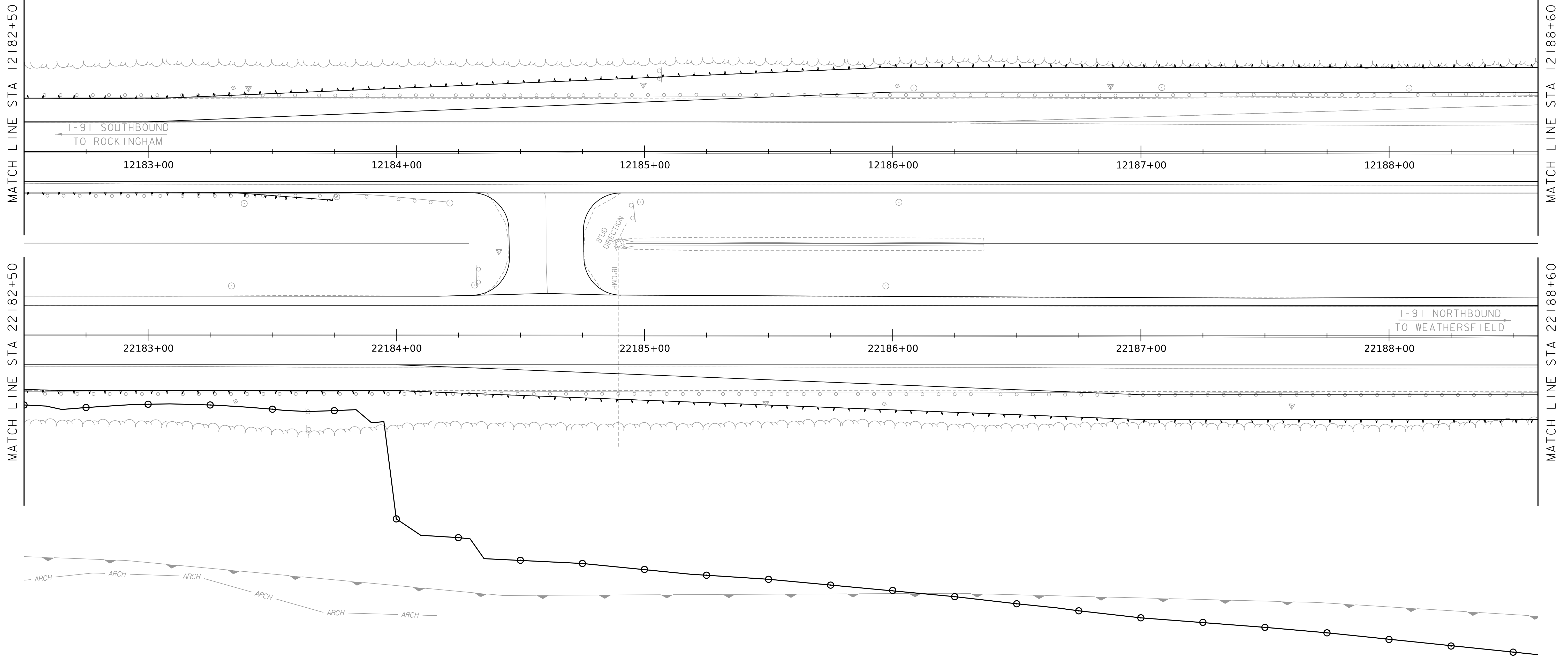
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 8	SHEET 32 OF 439



WORKING PLANS FOR REFERENCE ONLY

EXISTING R.O.W.

VT STATE PLANE GRID



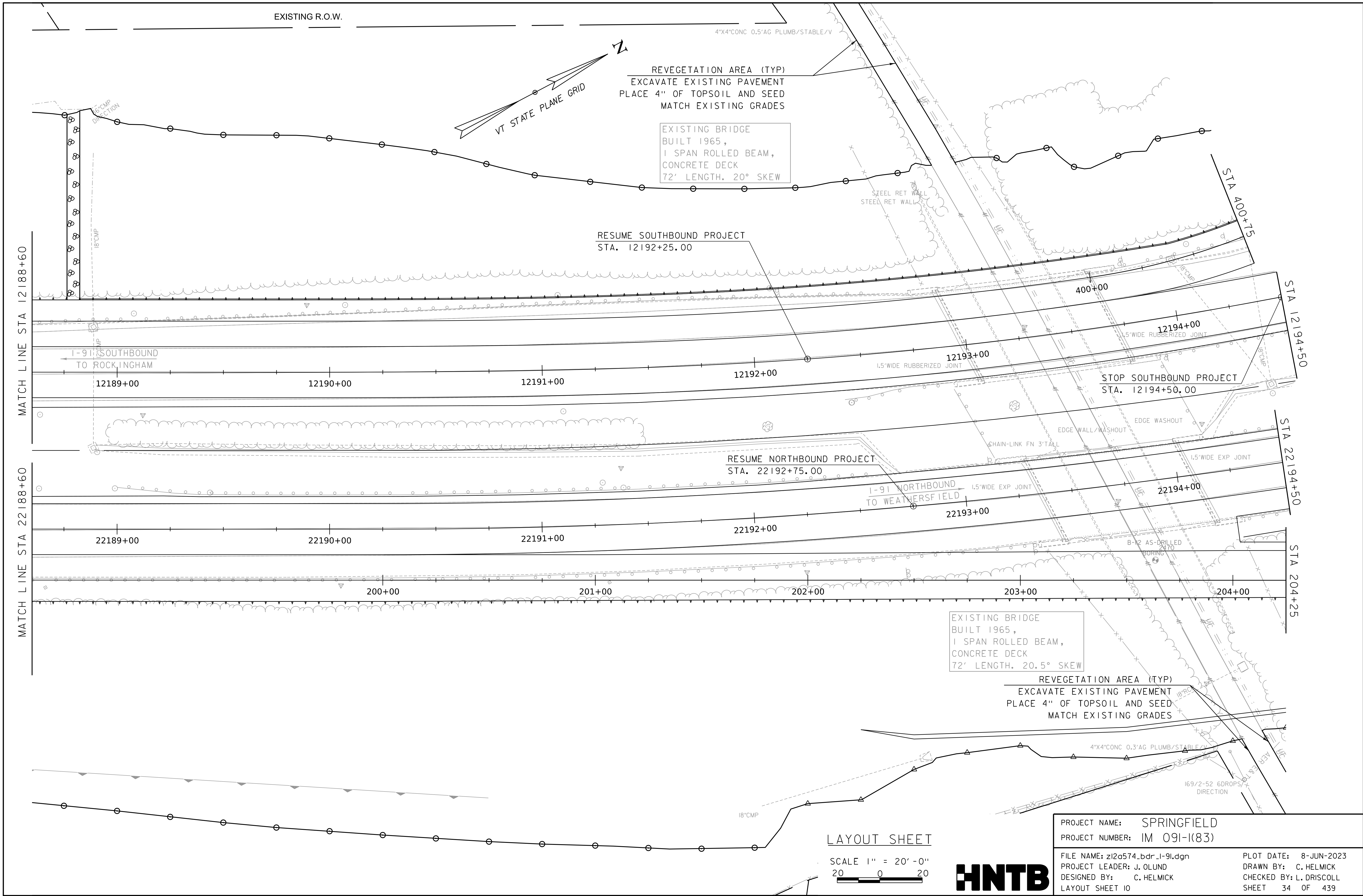
LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 9	SHEET 33 OF 439

WORKING PLANS FOR REFERENCE ONLY



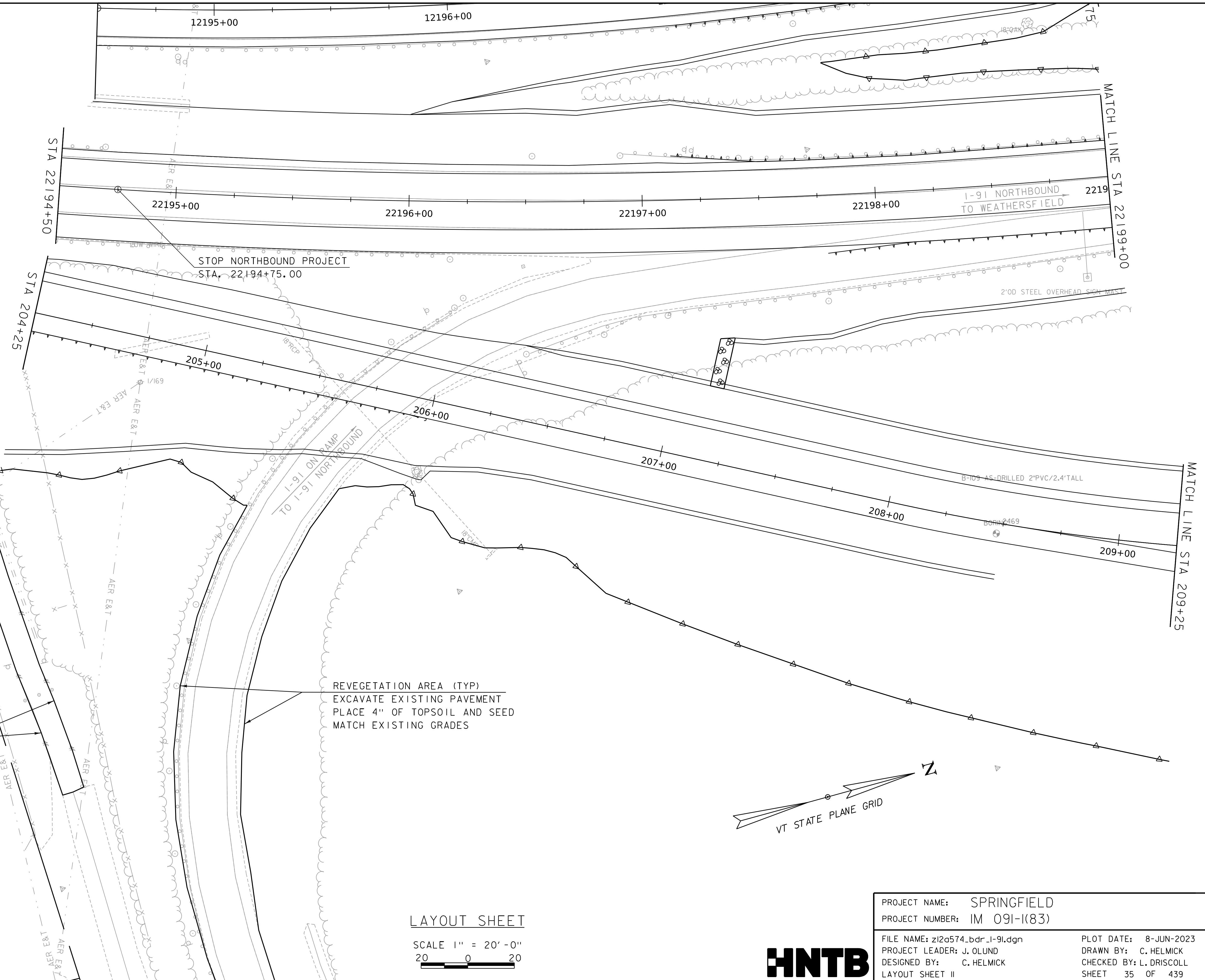
LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20



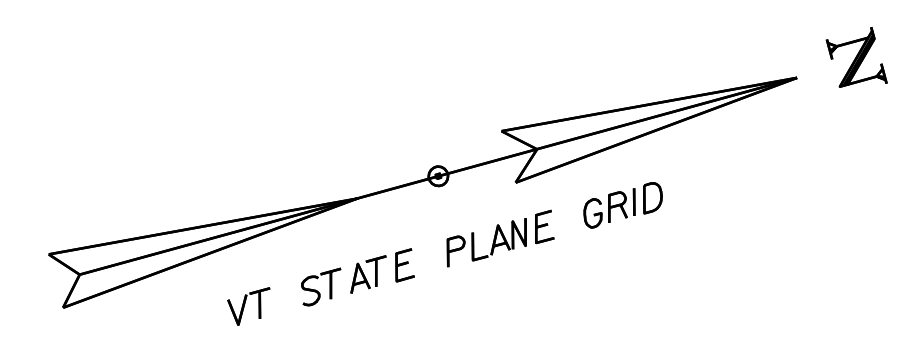
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 10	SHEET 34 OF 439

WORKING PLANS FOR REFERENCE ONLY



HERITAGE HOLDINGS LP
 REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

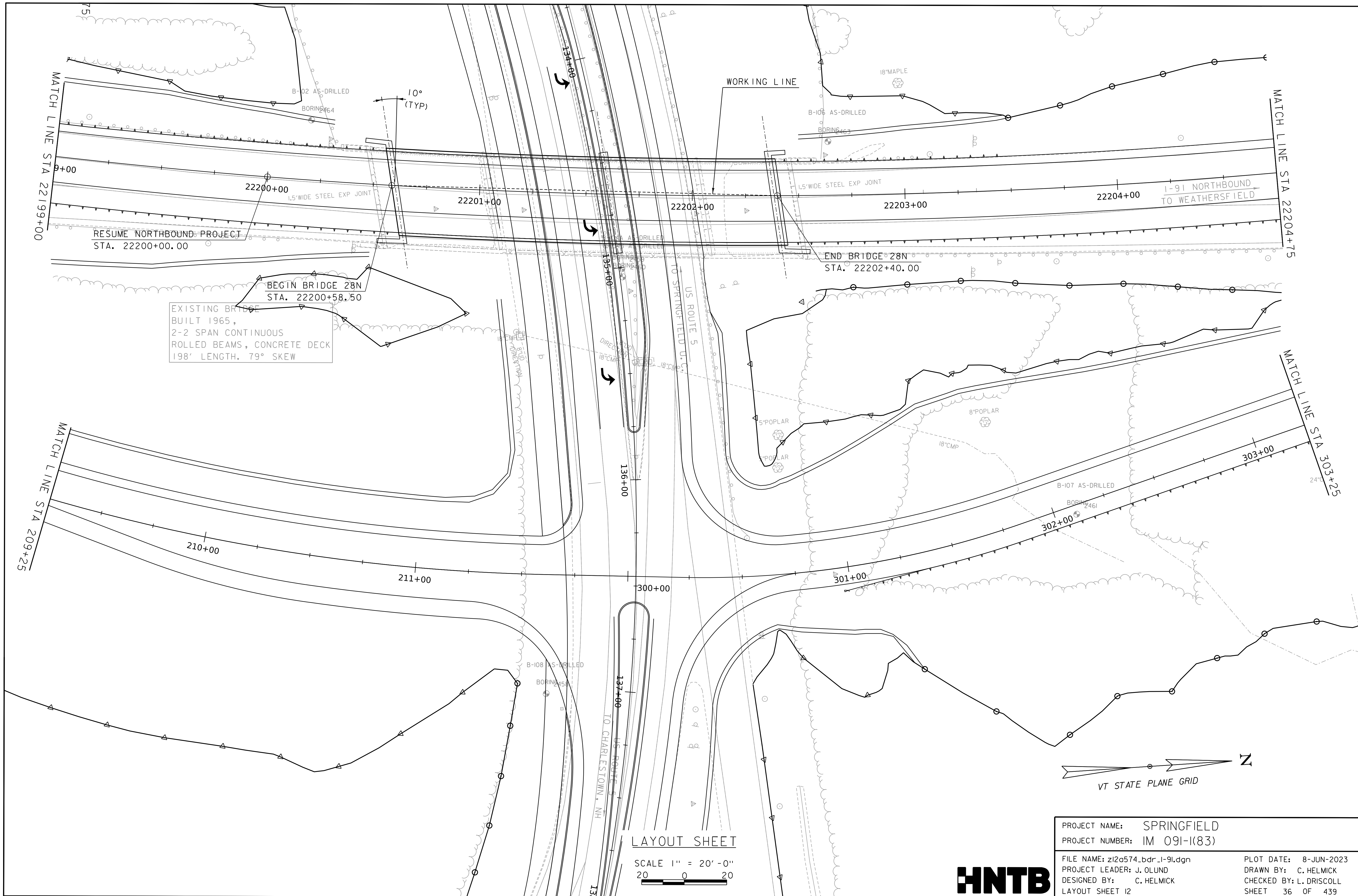


LAYOUT SHEET
 SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET II	SHEET 35 OF 439

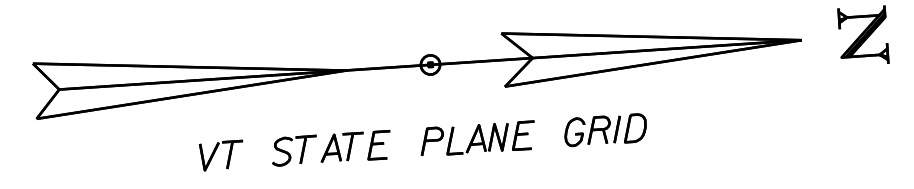


WORKING PLANS FOR REFERENCE ONLY



LAYOUT SHEET

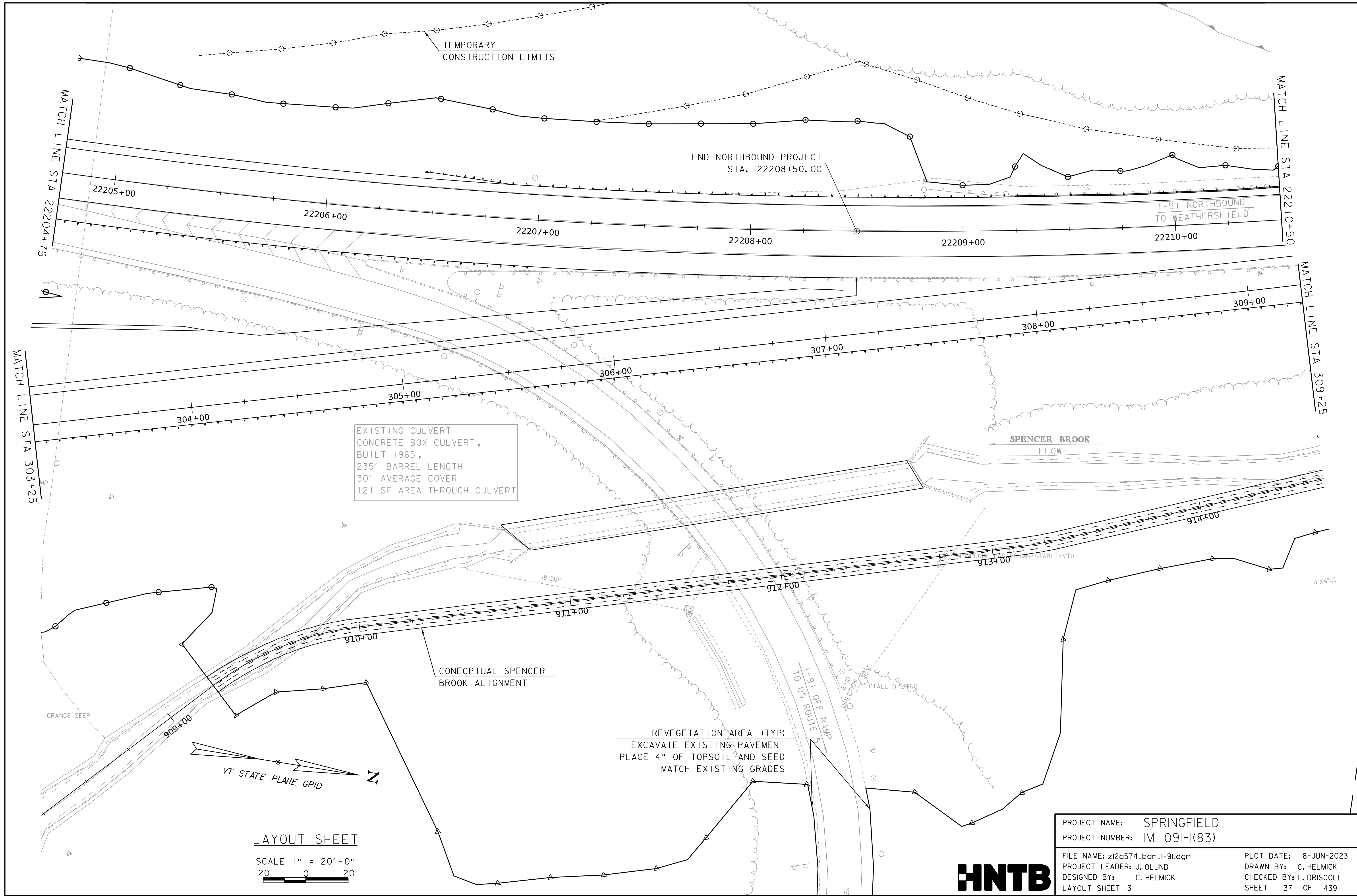
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_1-91.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	36 OF 439
DESIGNED BY:	C. HELMICK	LAYOUT SHEET	I2



WORKING PLANS FOR REFERENCE ONLY



LAYOUT SHEET

SCALE 1" = 20'-0"
20 0 20

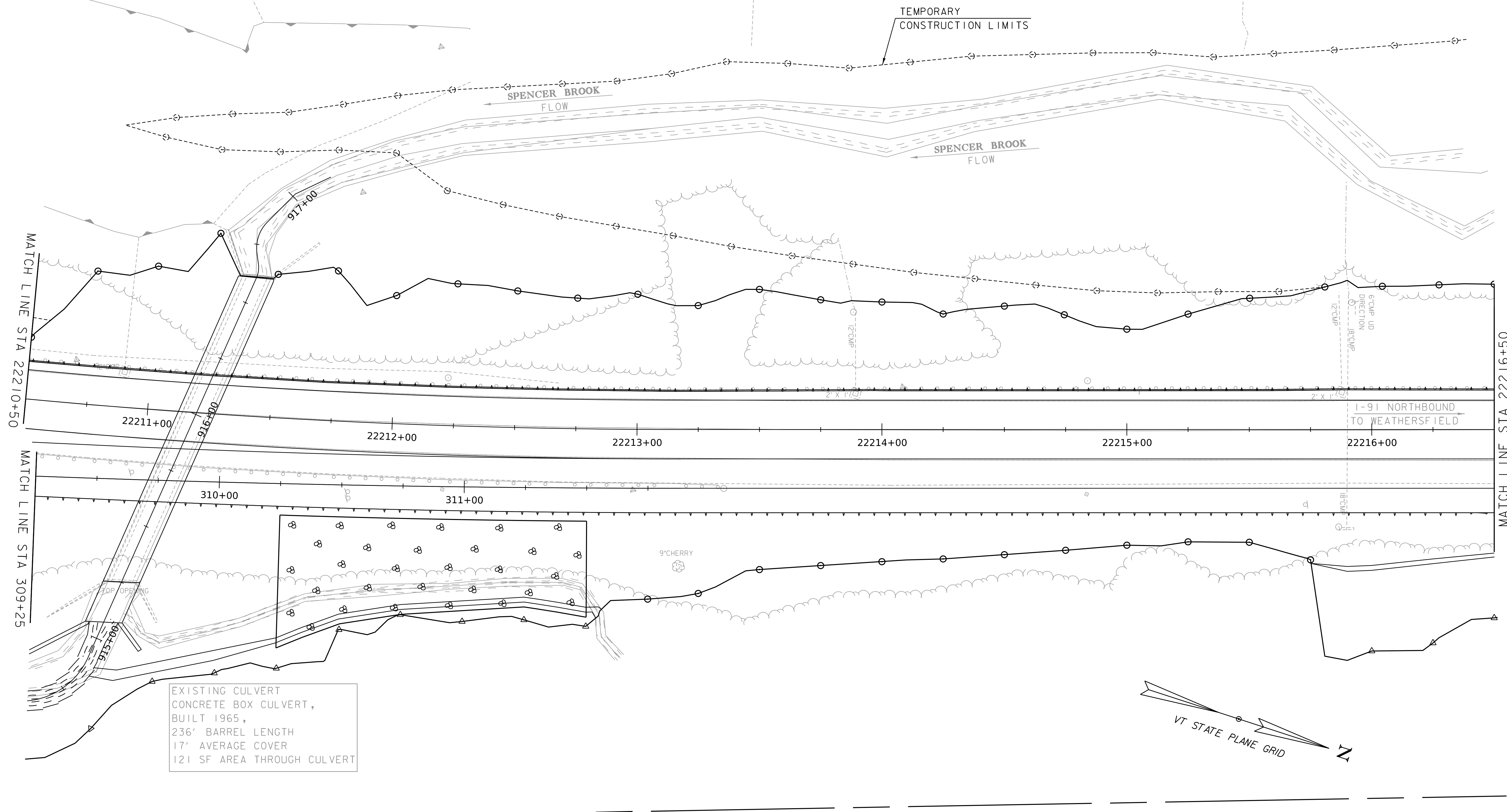
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_1-91.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
LAYOUT SHEET 13

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 37 OF 439



WORKING PLANS FOR REFERENCE ONLY



EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 236' BARREL LENGTH
 17' AVERAGE COVER
 121 SF AREA THROUGH CULVERT

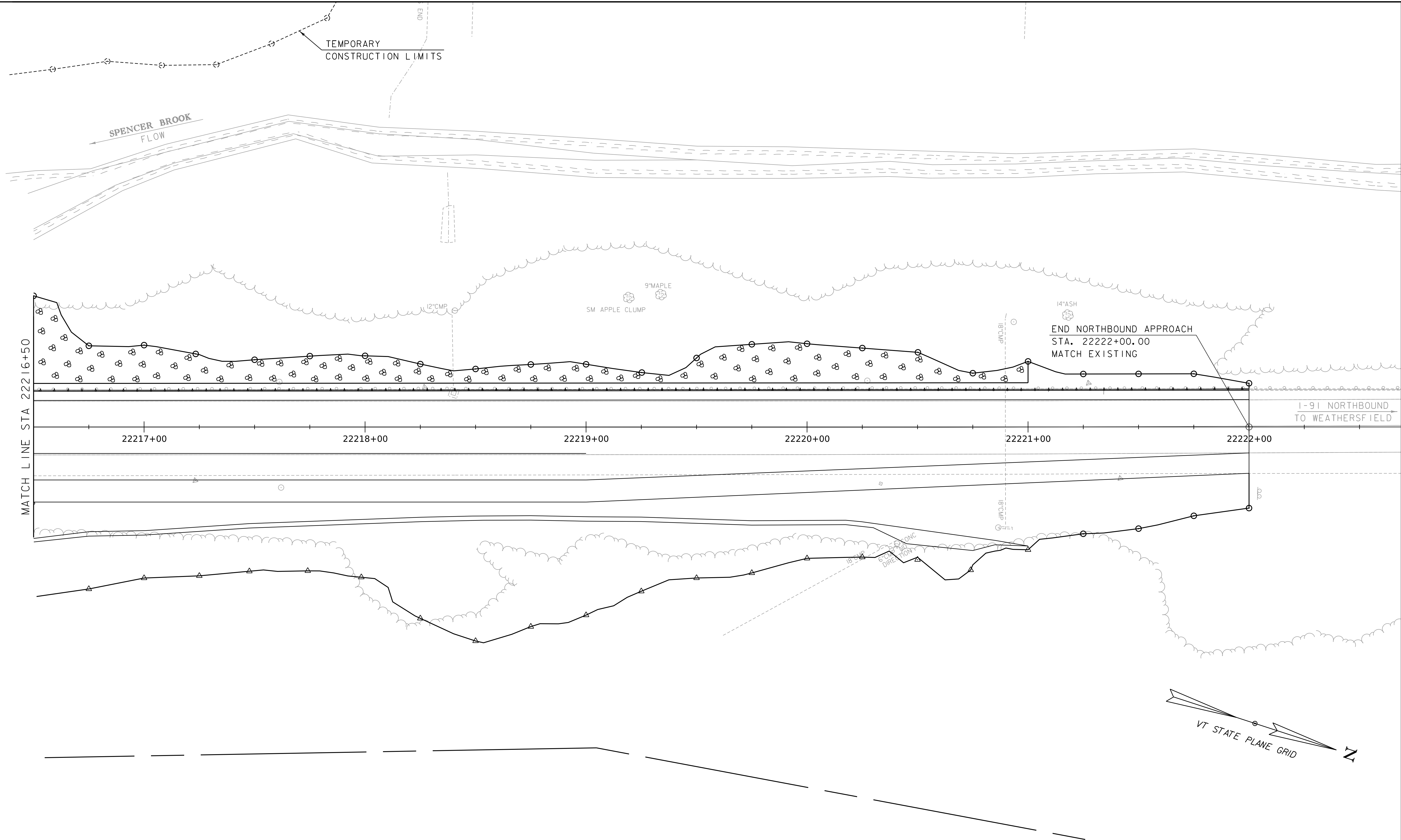
LAYOUT SHEET

SCALE 1" = 20'-0"
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PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574_bdr_1-91.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 38 OF 439
DESIGNED BY: C. HELMICK	
LAYOUT SHEET 14	

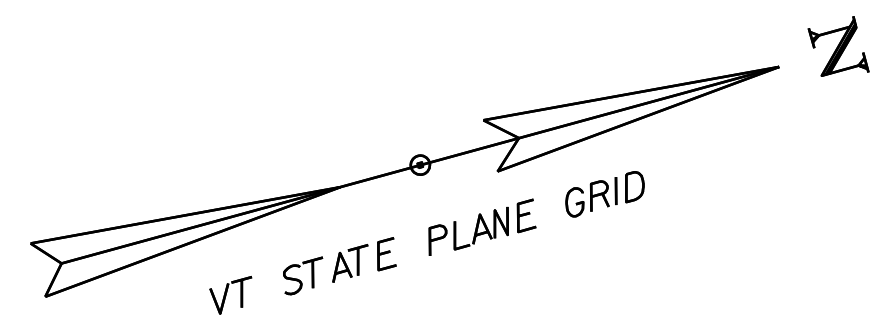
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 15	SHEET 39 OF 439

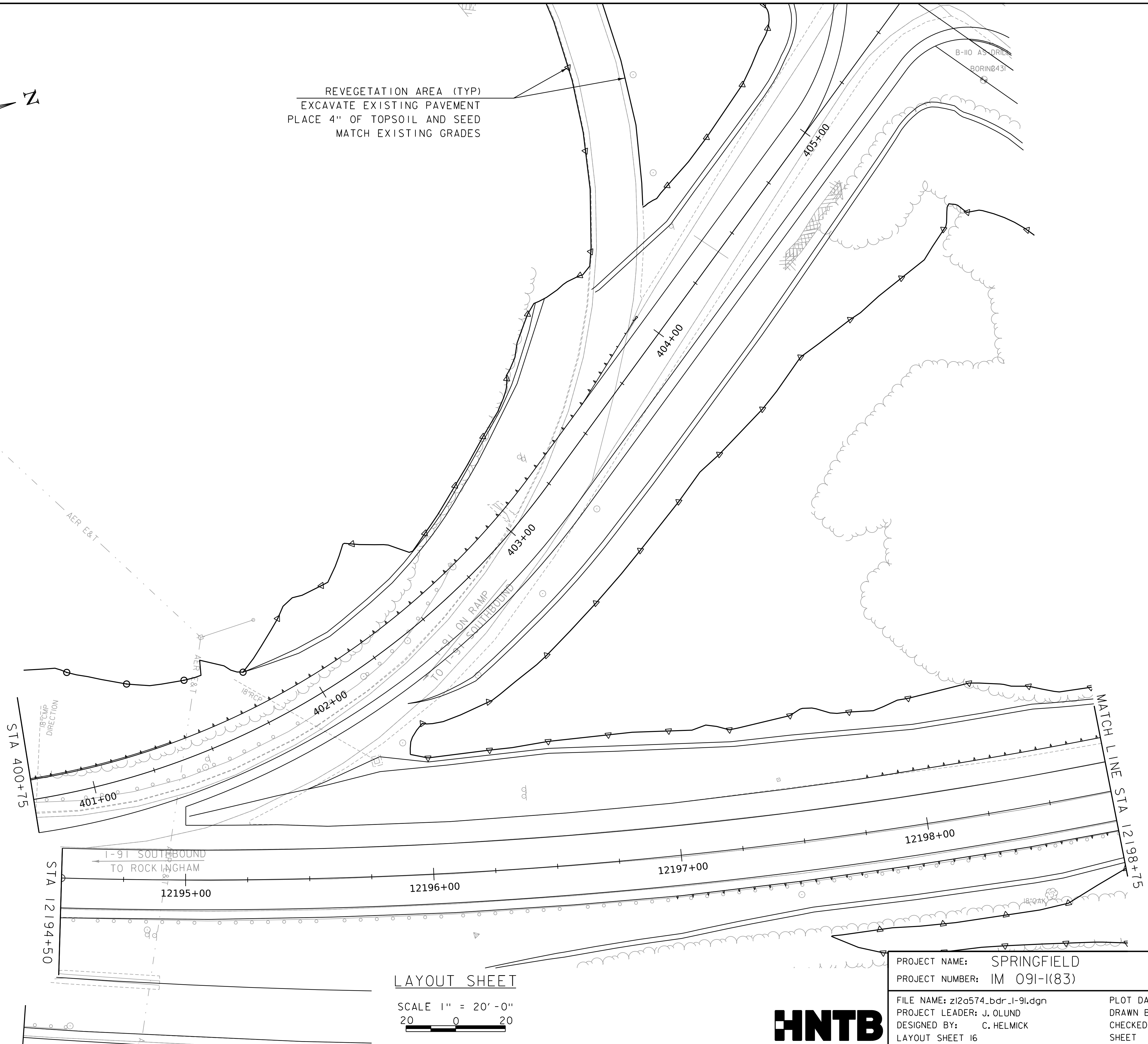
LAYOUT SHEET
 SCALE 1" = 20'-0"
 20 0 20





REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

WORKING PLANS FOR REFERENCE ONLY



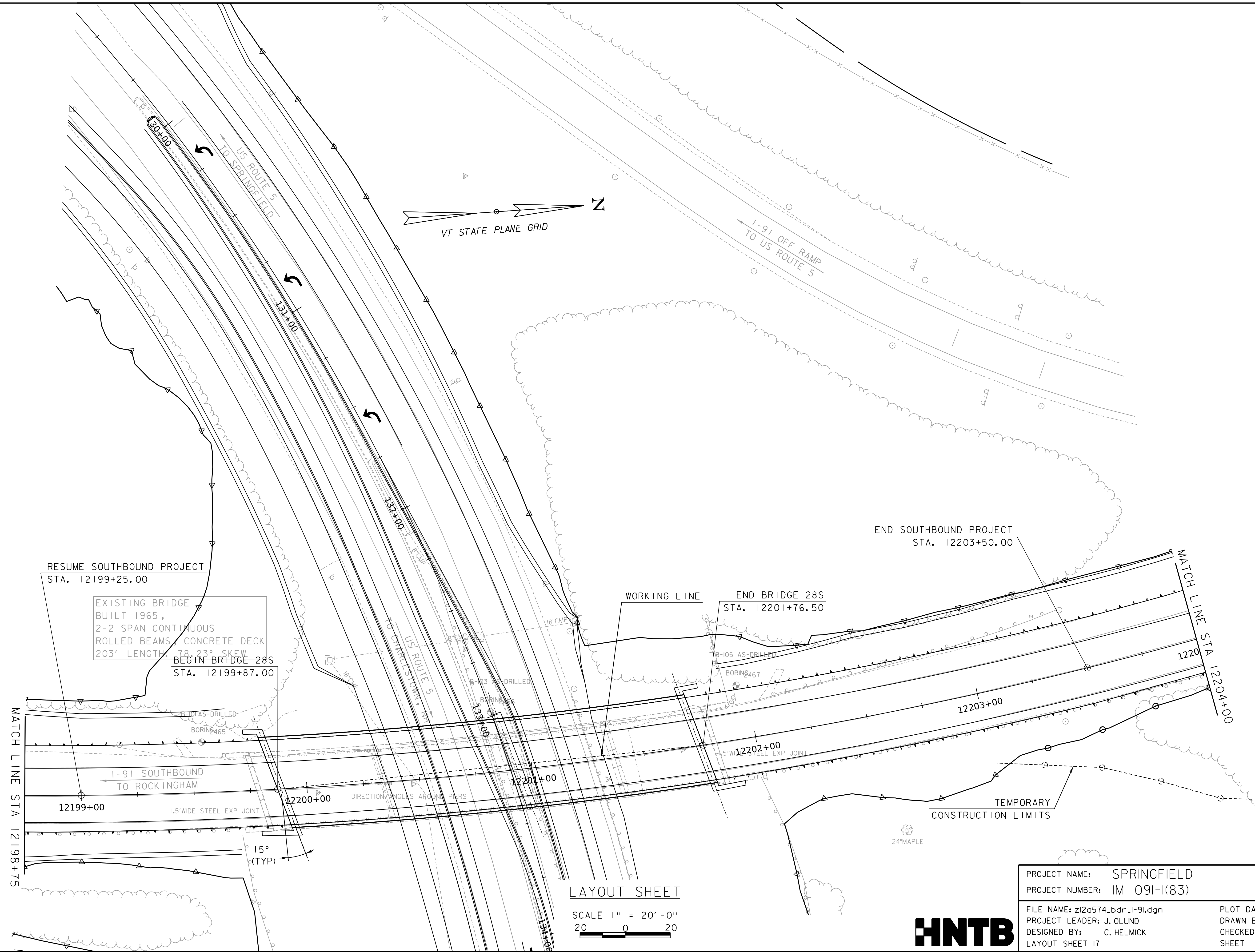
LAYOUT SHEET

SCALE 1" = 20' - 0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_1-91.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	40 OF 439
DESIGNED BY:	C. HELMICK		
LAYOUT SHEET 16			

WORKING PLANS FOR REFERENCE ONLY



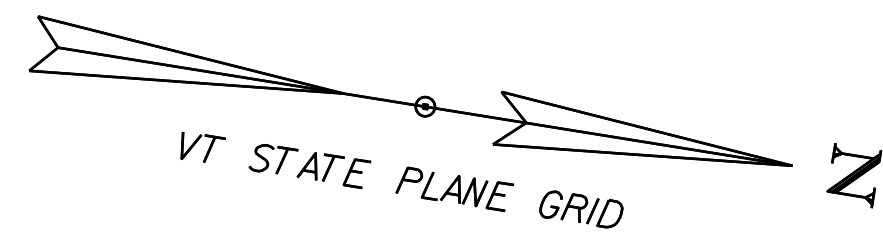
LAYOUT SHEET

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_1-91.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	41 OF 439
DESIGNED BY:	C. HELMICK	LAYOUT SHEET	17



WORKING PLANS FOR REFERENCE ONLY



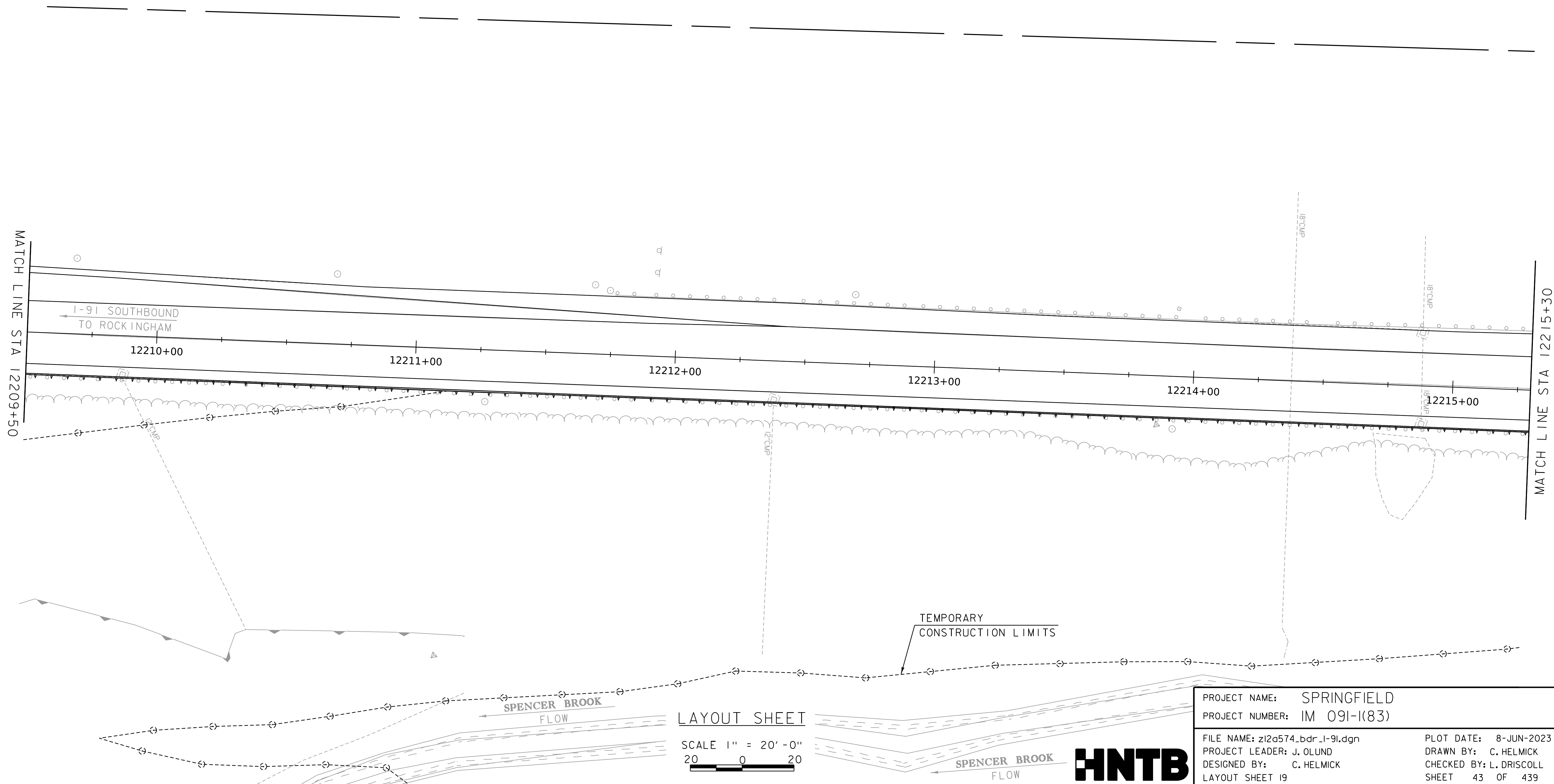
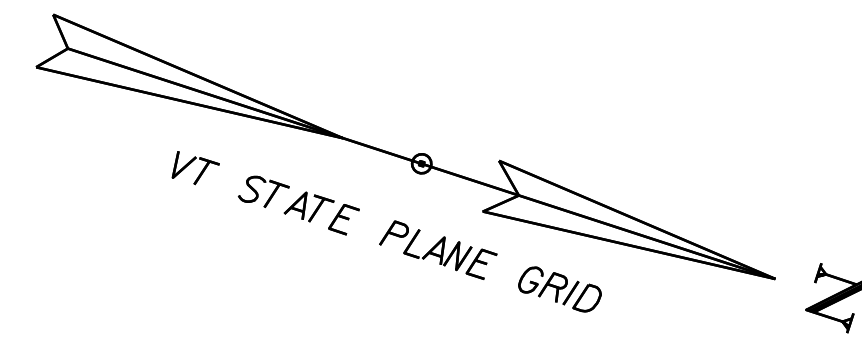
LAYOUT SHEET

SCALE 1" = 20'-0"
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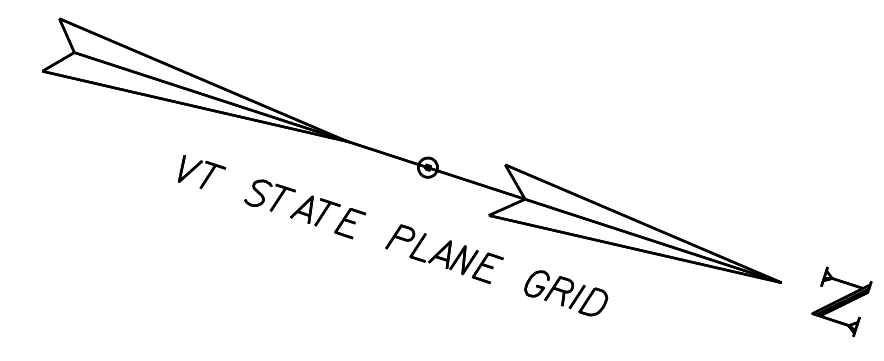
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574_bdr_1-91.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 42 OF 439
DESIGNED BY: C. HELMICK	
LAYOUT SHEET 18	



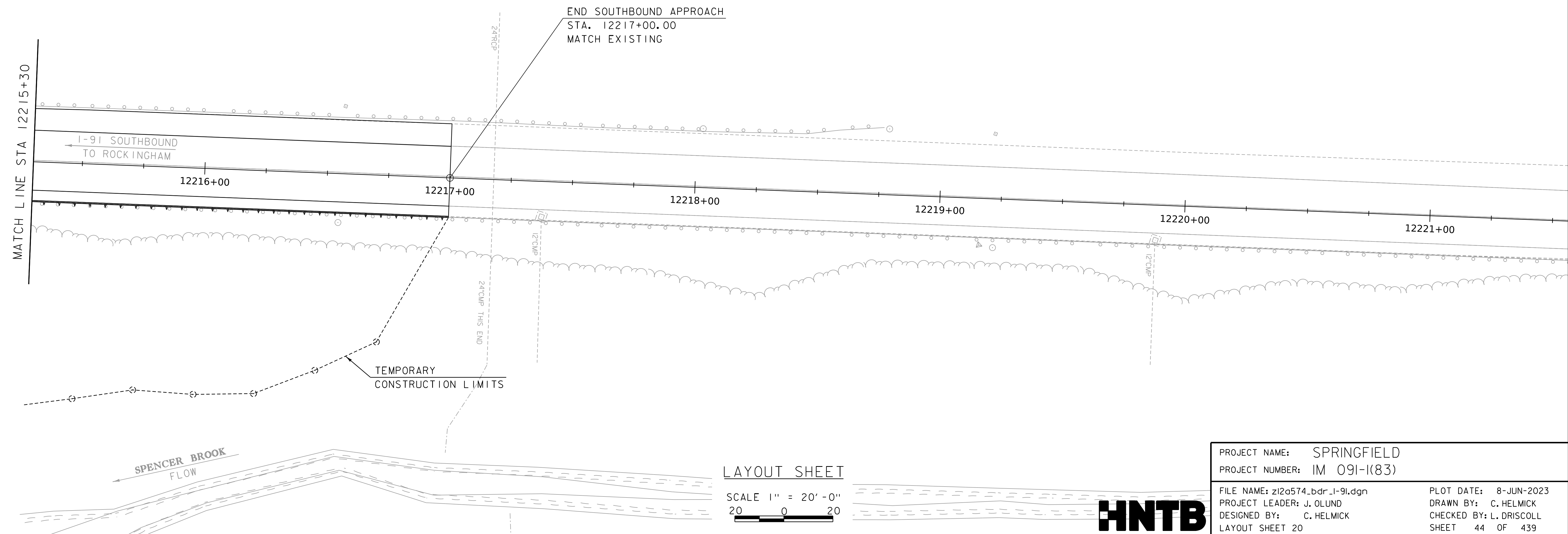
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
LAYOUT SHEET 19	SHEET 43 OF 439



WORKING PLANS FOR REFERENCE ONLY



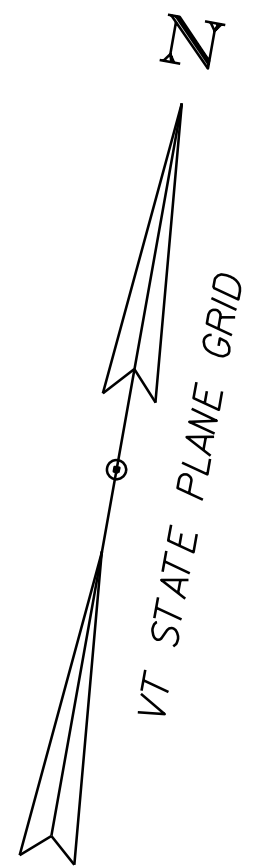
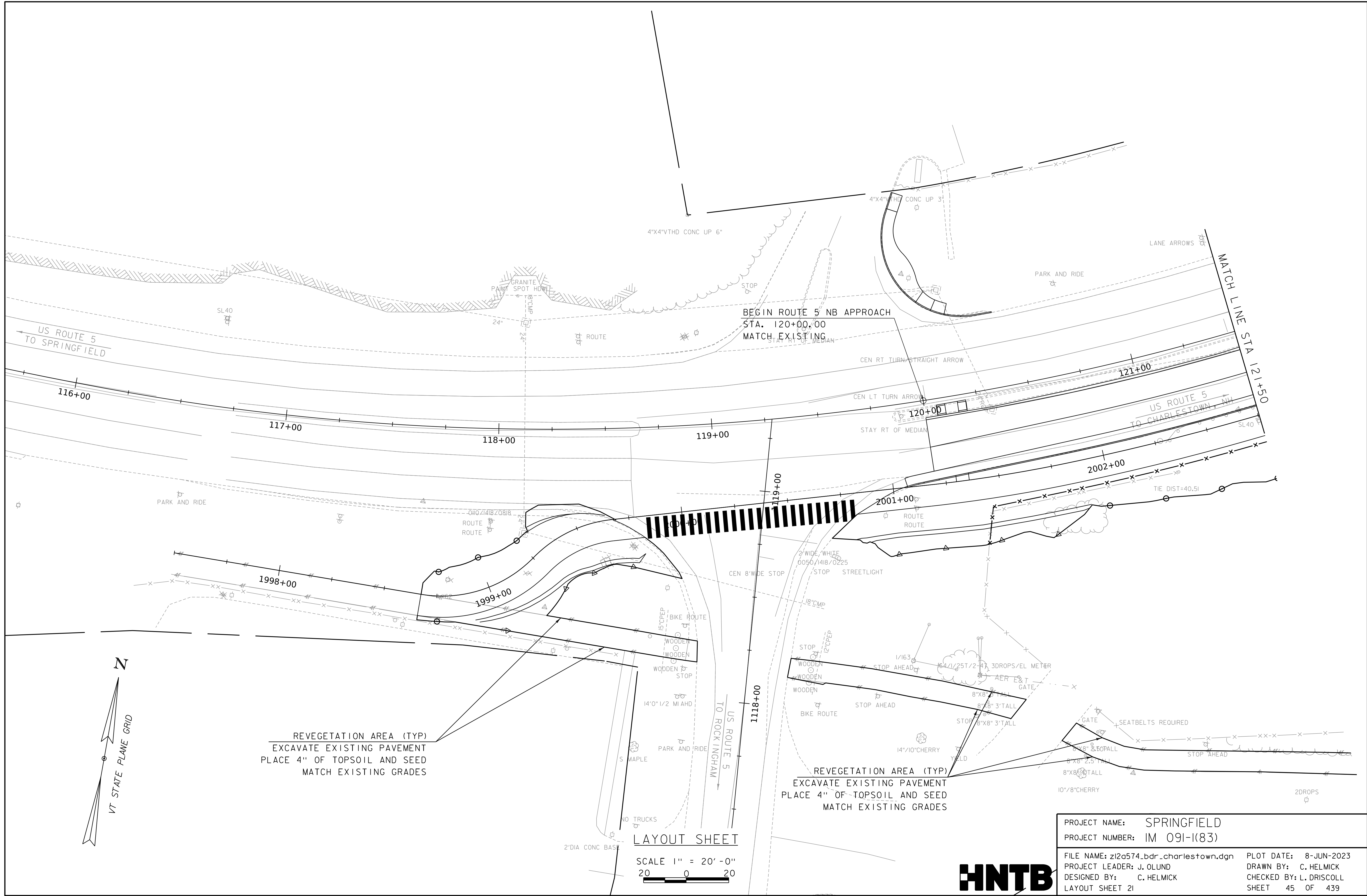
LAYOUT SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574_bdr_1-91.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 44 OF 439
DESIGNED BY: C. HELMICK	LAYOUT SHEET 20

WORKING PLANS FOR REFERENCE ONLY



REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

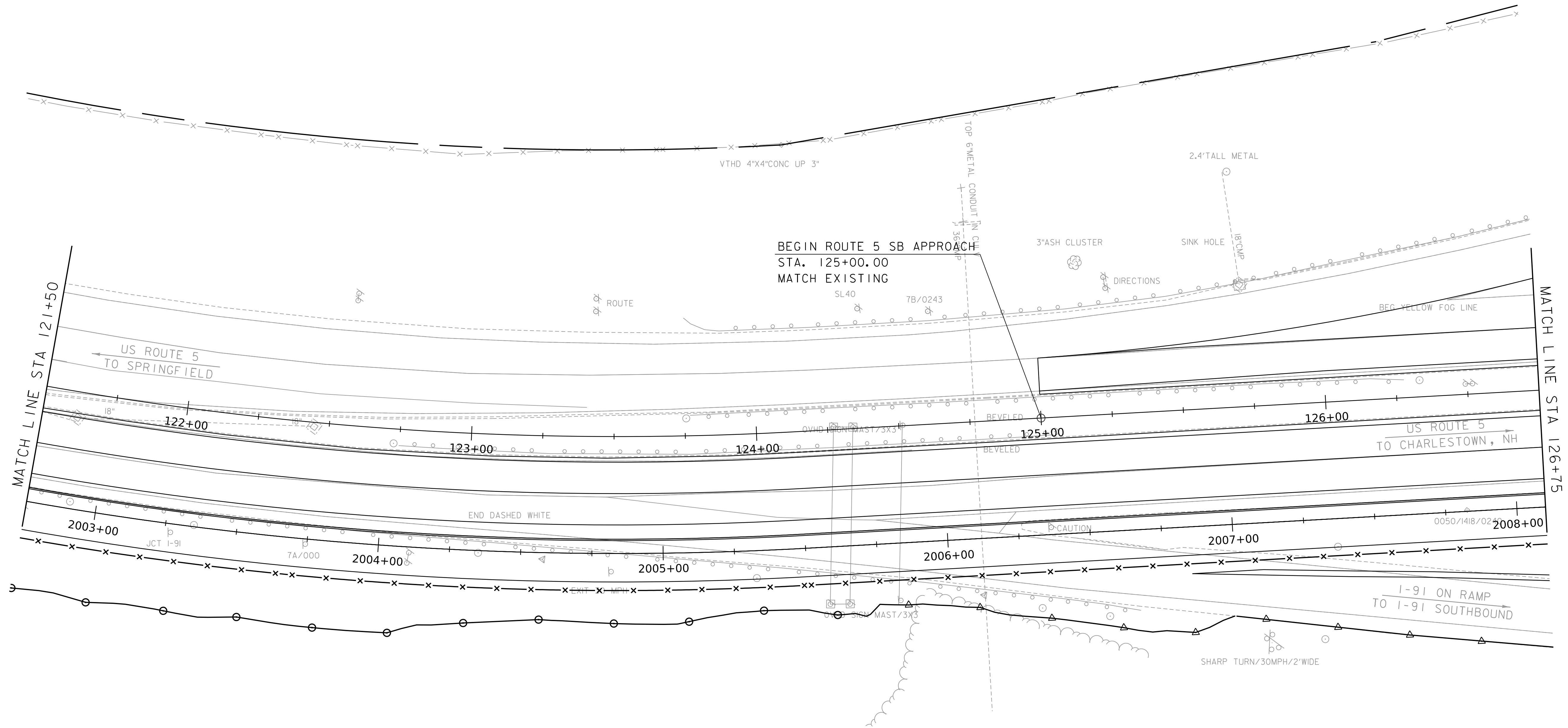
LAYOUT SHEET

SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	LAYOUT SHEET 21	SHEET 45 OF 439
DESIGNED BY:	C. HELMICK		

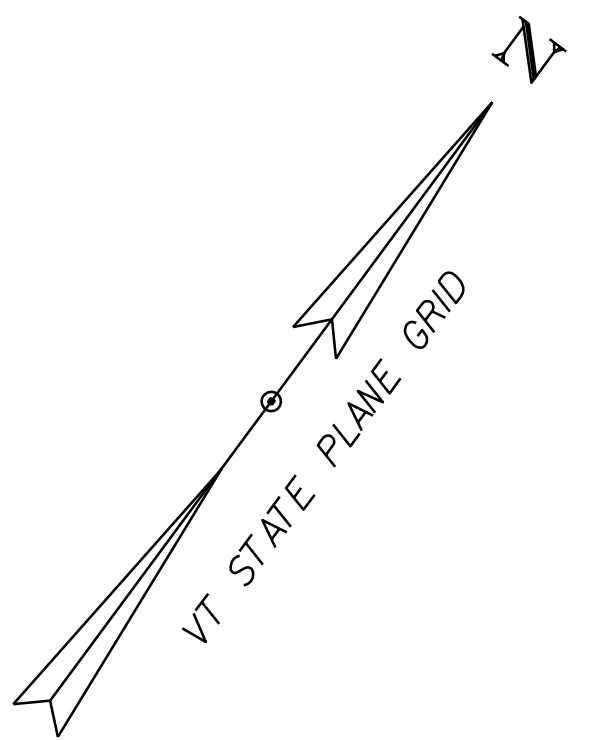


WORKING PLANS FOR REFERENCE ONLY



LAYOUT SHEET

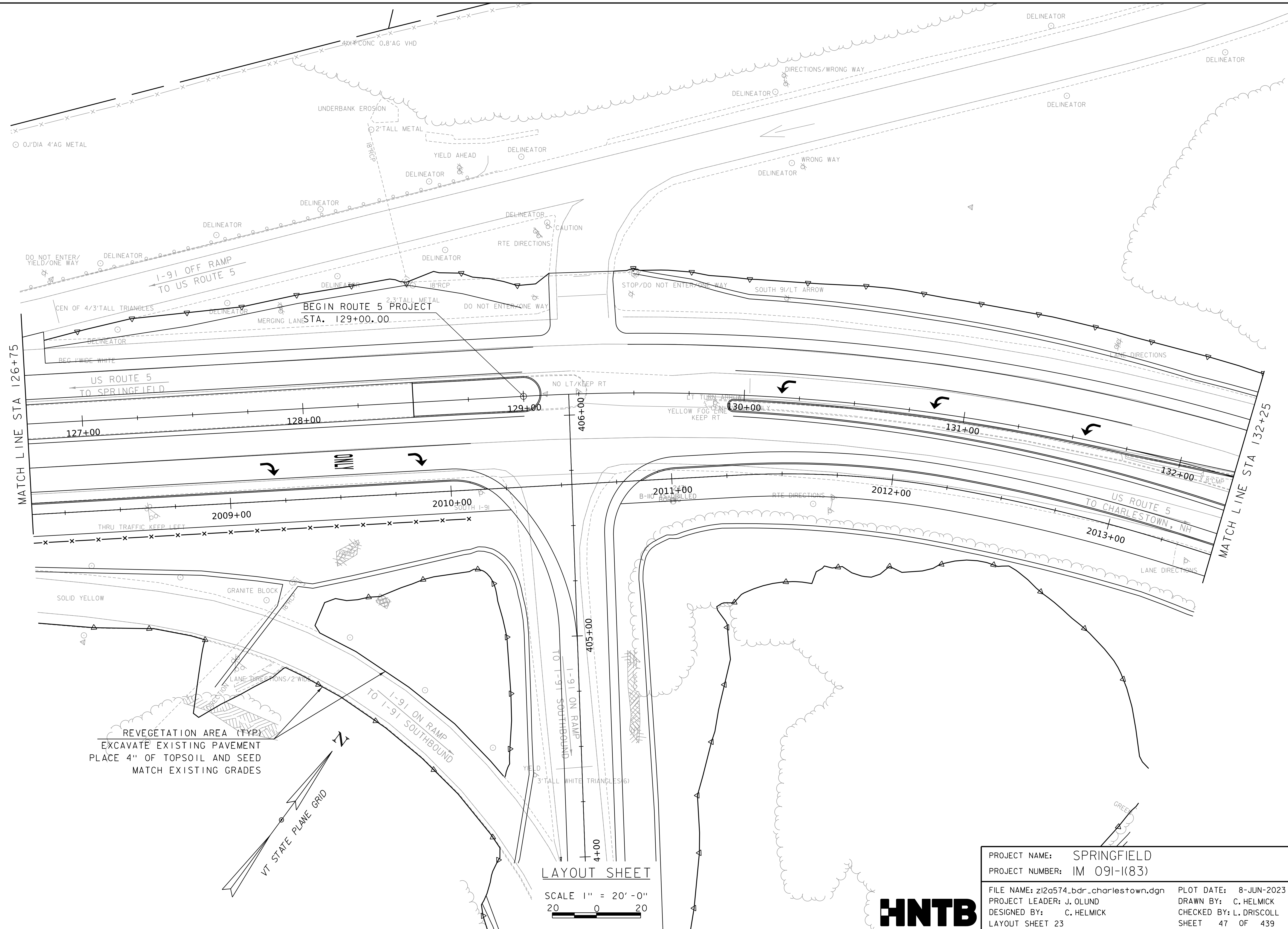
SCALE 1" = 20' - 0"
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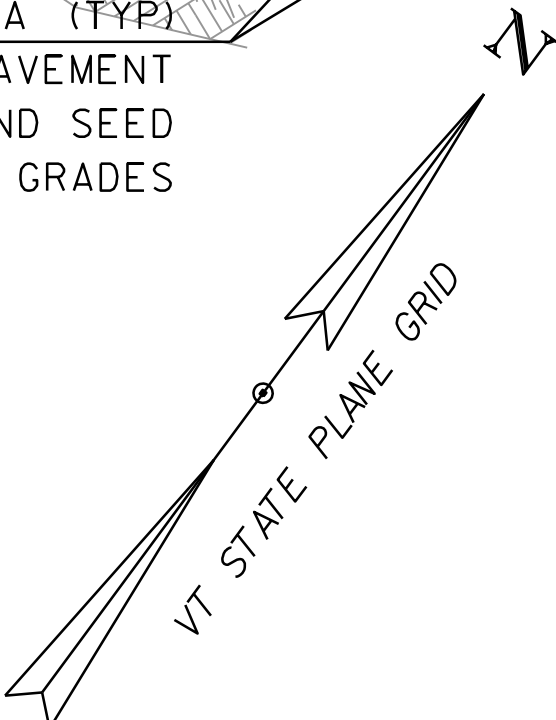
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	46 OF 439
DESIGNED BY:	C. HELMICK	LAYOUT SHEET	22



WORKING PLANS FOR REFERENCE ONLY



REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES



LAYOUT SHEET
 SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	LAYOUT SHEET	23
DESIGNED BY:	C. HELMICK	SHEET	47 OF 439



WORKING PLANS FOR REFERENCE ONLY

EXISTING BRIDGE
BUILT 1965,
2-2 SPAN CONTINUOUS
ROLLED BEAMS, CONCRETE DECK
203' LENGTH, 78.23° SKEW

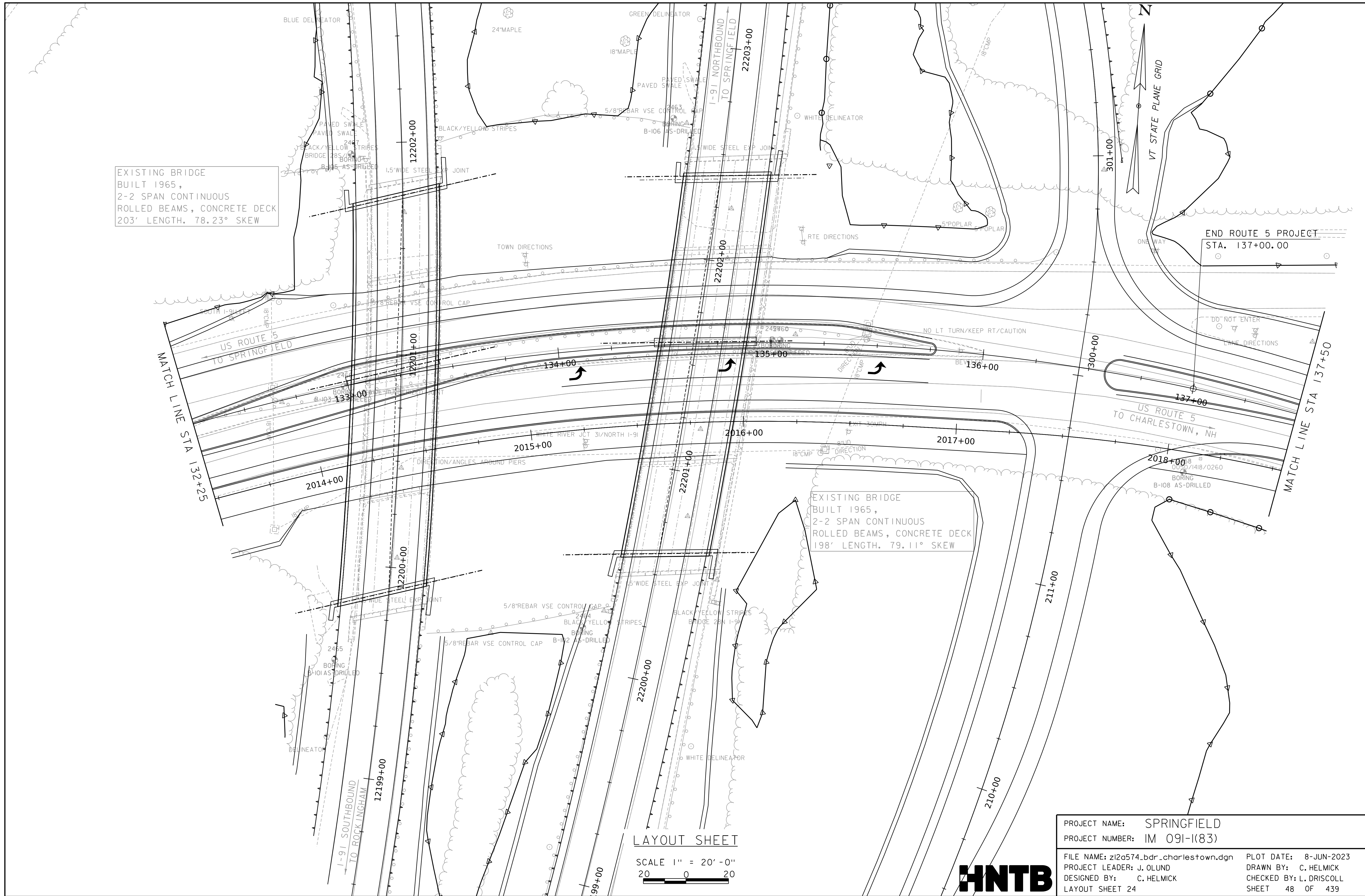
EXISTING BRIDGE
BUILT 1965,
2-2 SPAN CONTINUOUS
ROLLED BEAMS, CONCRETE DECK
198' LENGTH, 79.11° SKEW

LAYOUT SHEET

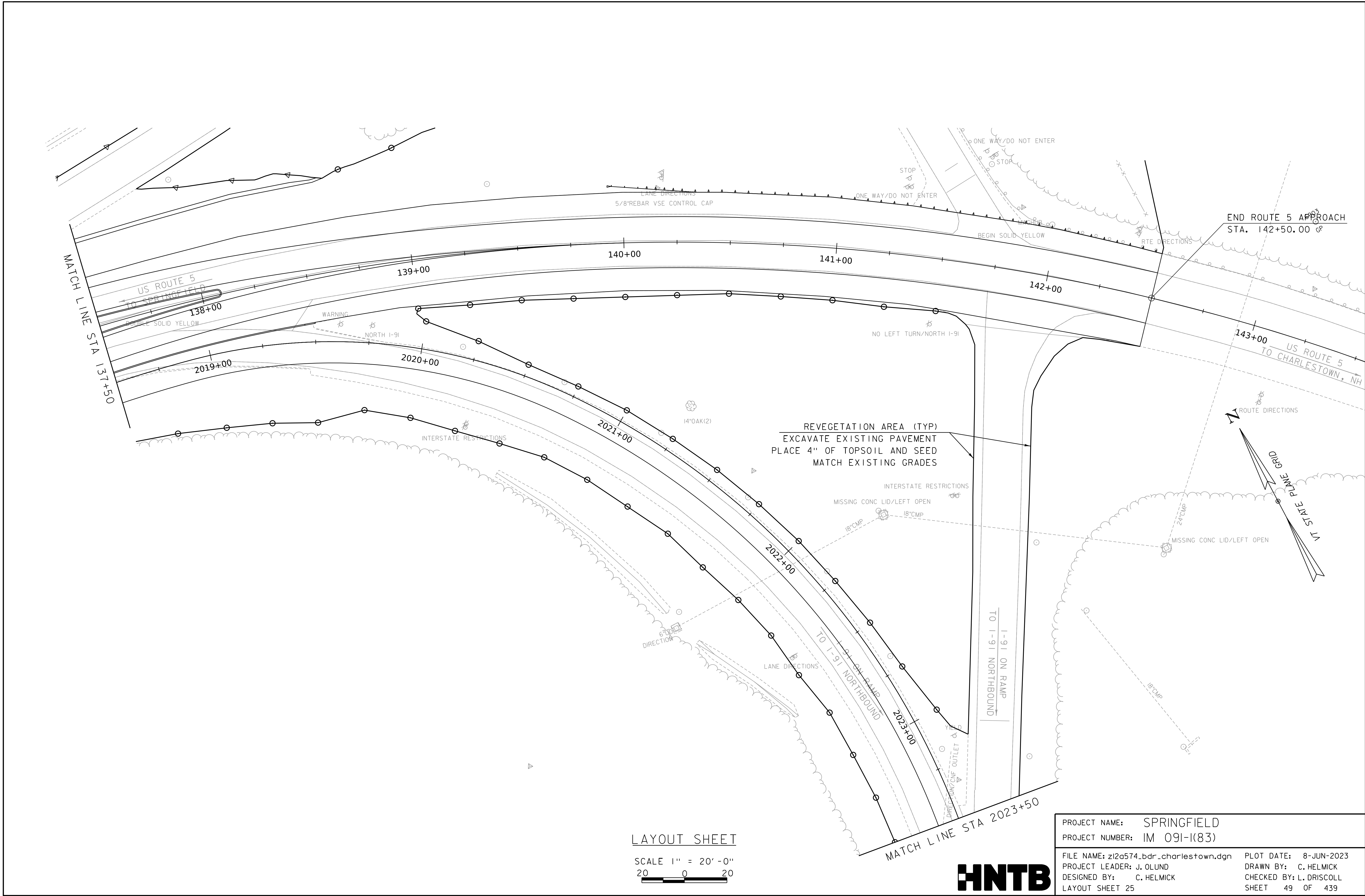
SCALE 1" = 20' - 0"
0 20

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_charlestown.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
LAYOUT SHEET 24 SHEET 48 OF 439



WORKING PLANS FOR REFERENCE ONLY

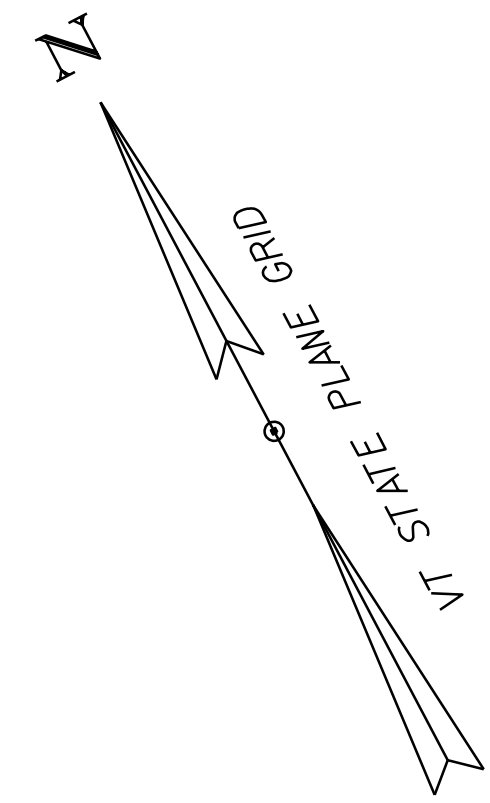


PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	LAYOUT SHEET	25
DESIGNED BY:	C. HELMICK	SHEET	49 OF 439



WORKING PLANS FOR REFERENCE ONLY

MATCH LINE STA 2023+50



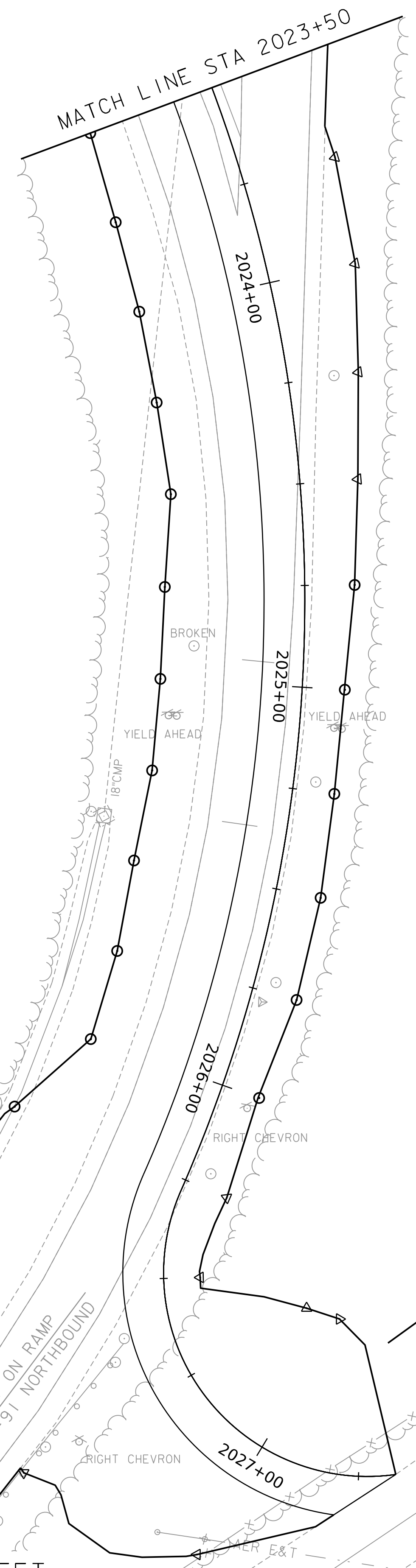
REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

LAYOUT SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	LAYOUT SHEET	26
DESIGNED BY:	C. HELMICK	SHEET	50 OF 439



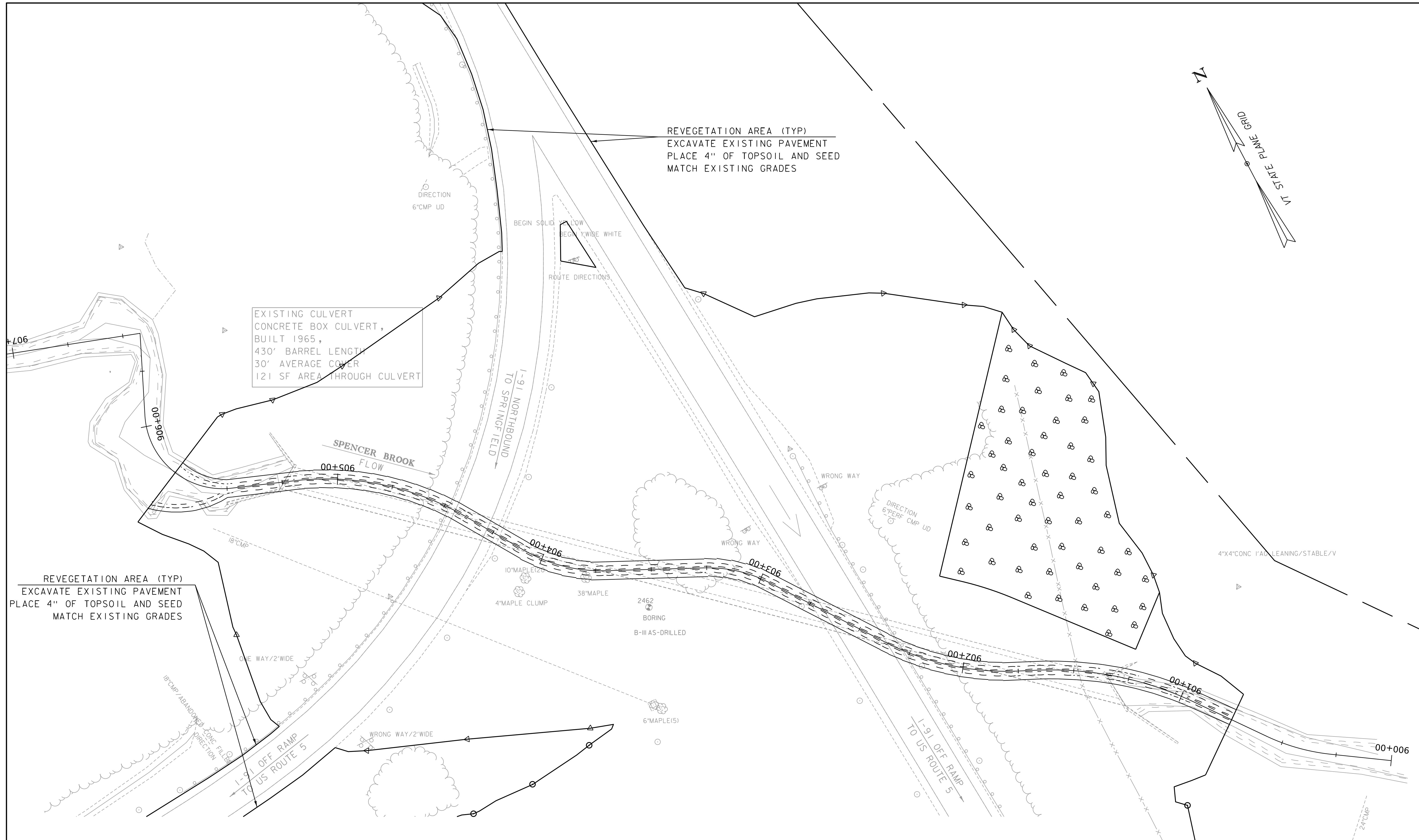
TO I-91 ON RAMP
TO I-91 NORTHBOUND

YOUNGS RD (TH-69)
TO US ROUTE 5

4"x4" CONC FLAG VTHD
APPROX INVERT 10' PREP BURIED
0.5' W/BET AT GALL
AER E&T
55/13/1000/104

14/71/2/10/2-54

WORKING PLANS FOR REFERENCE ONLY



EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 430' BARREL LENGTH,
 30' AVERAGE COVER
 121 SF AREA THROUGH CULVERT

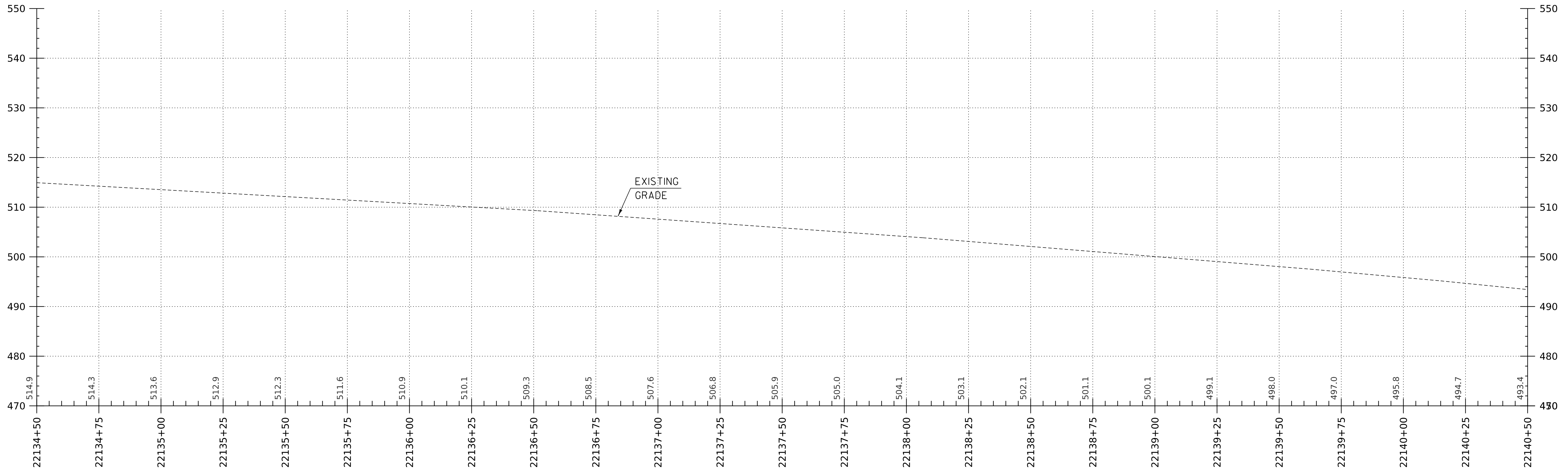
REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

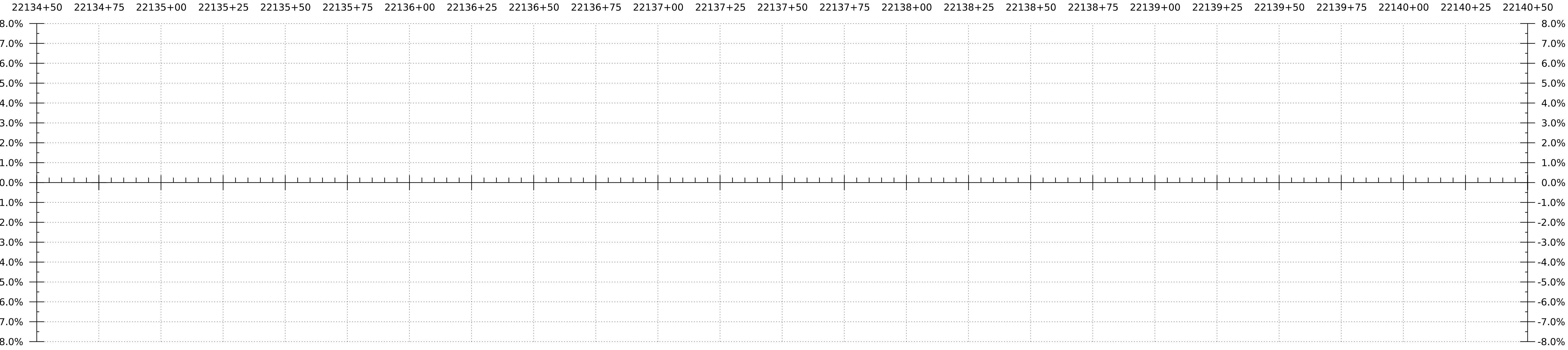
LAYOUT SHEET
 SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574_bdr_charlestown.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	LAYOUT SHEET	27
DESIGNED BY:	C. HELMICK	SHEET	51 OF 439





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



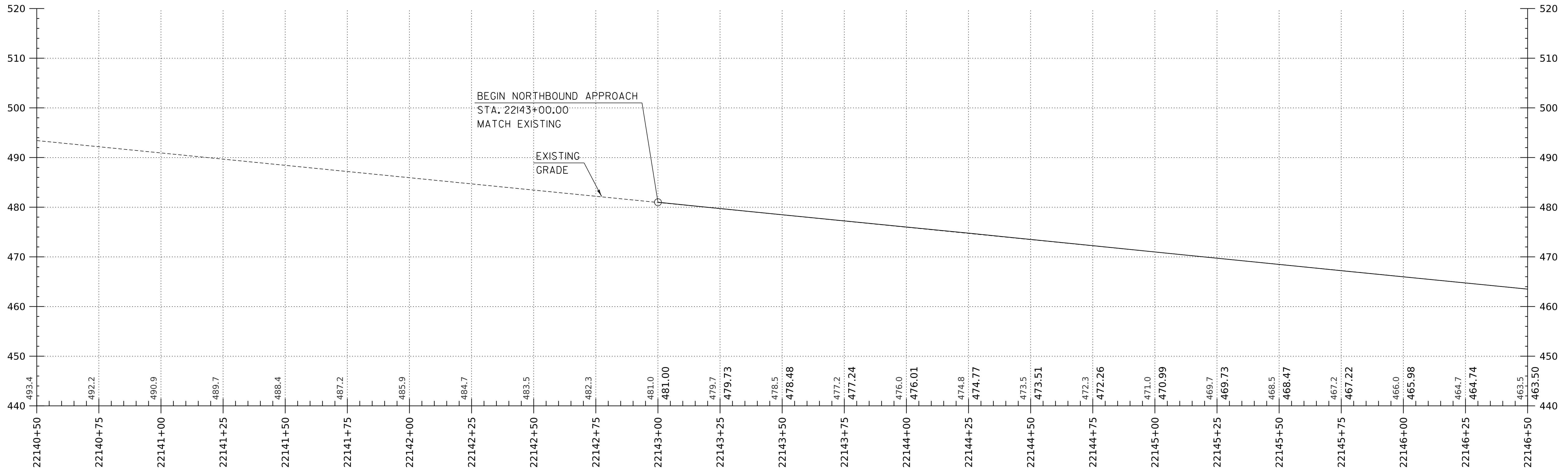
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

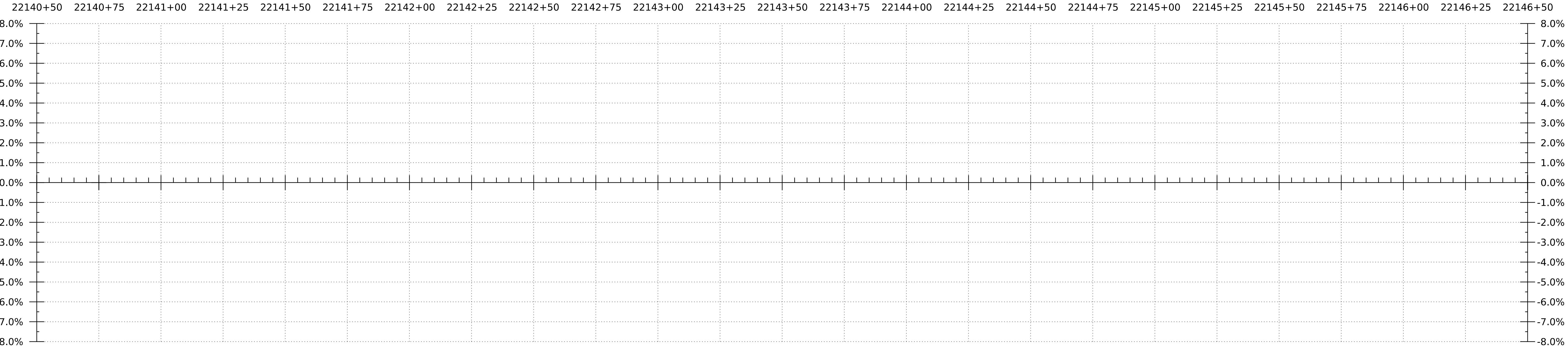
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-91.NB.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 52 OF 439
DESIGNED BY: C. HELMICK	
I-91 NB PROFILE SHEET 1	





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



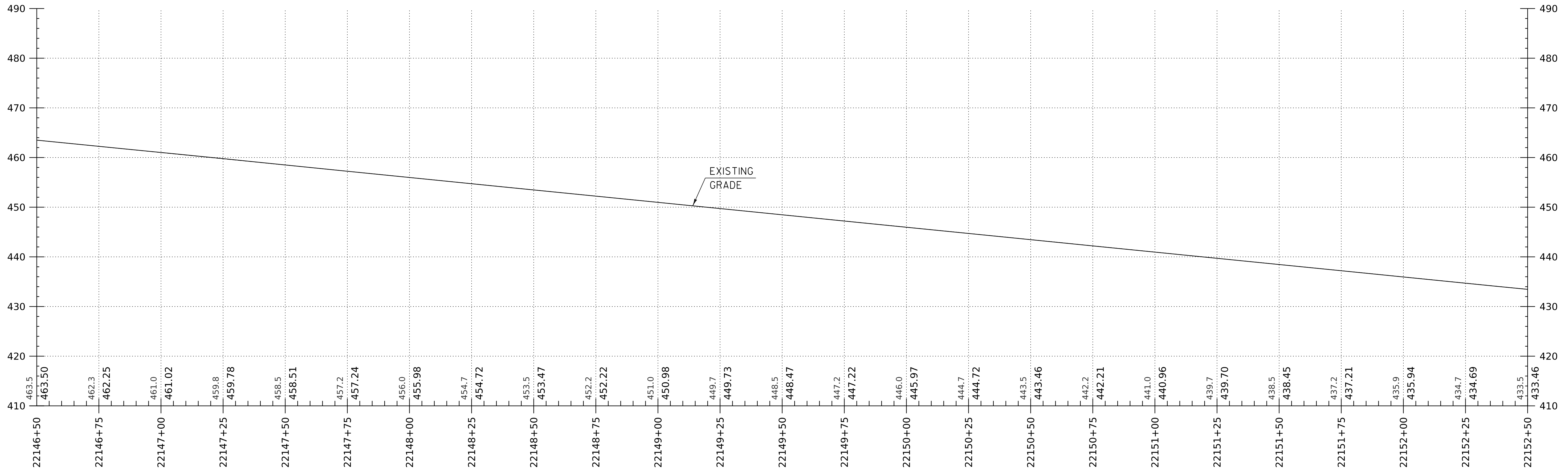
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

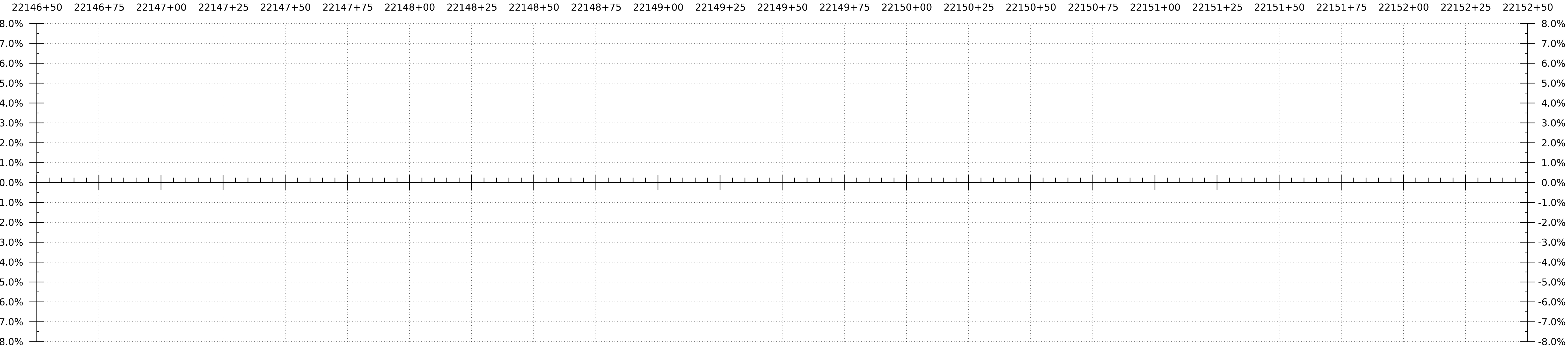
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574pro-I-91.NB.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91 NB PROFILE SHEET 2	SHEET 53 OF 439





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



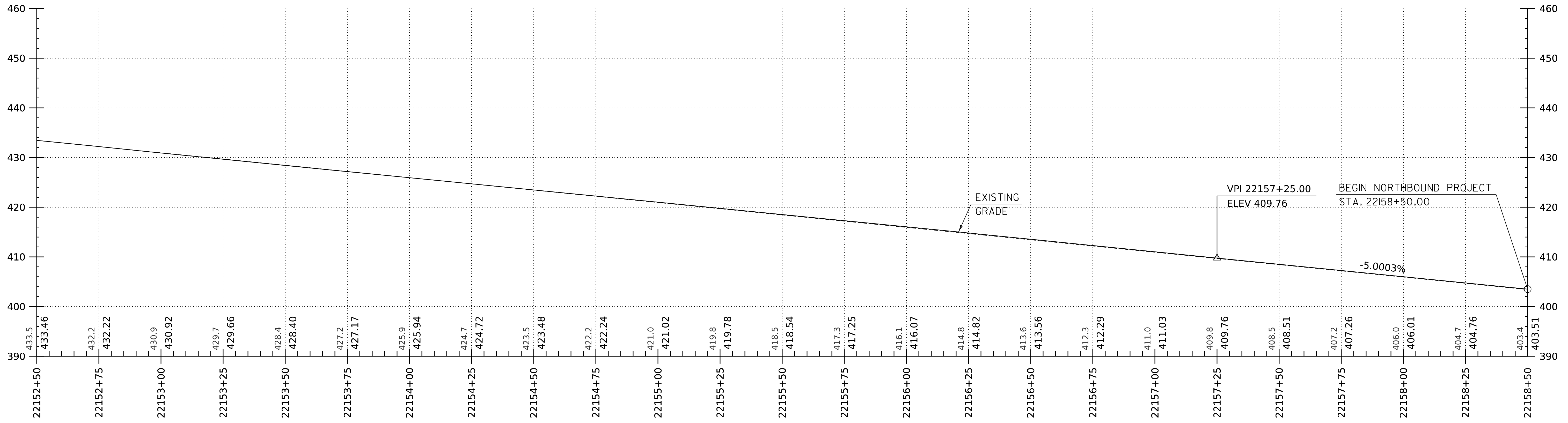
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

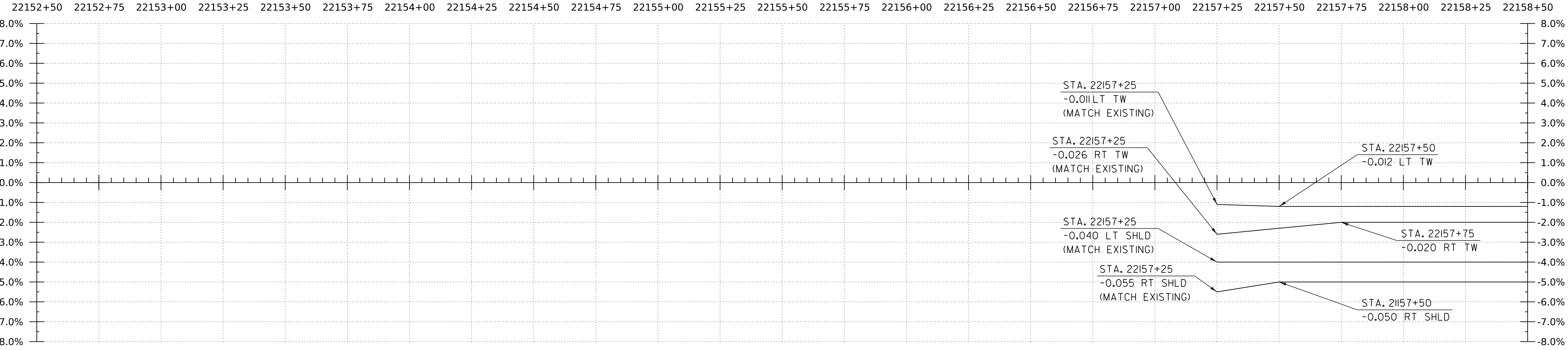
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro-I-91.NB.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	54 OF 439
DESIGNED BY:	C. HELMICK		
I-91 NB PROFILE SHEET 3			





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



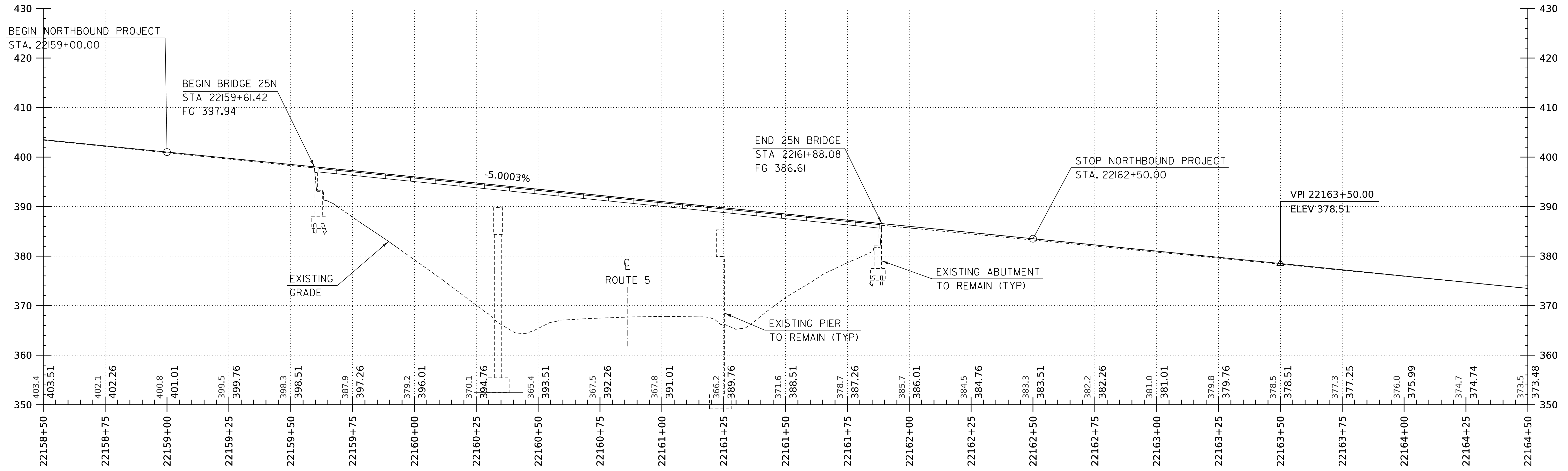
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

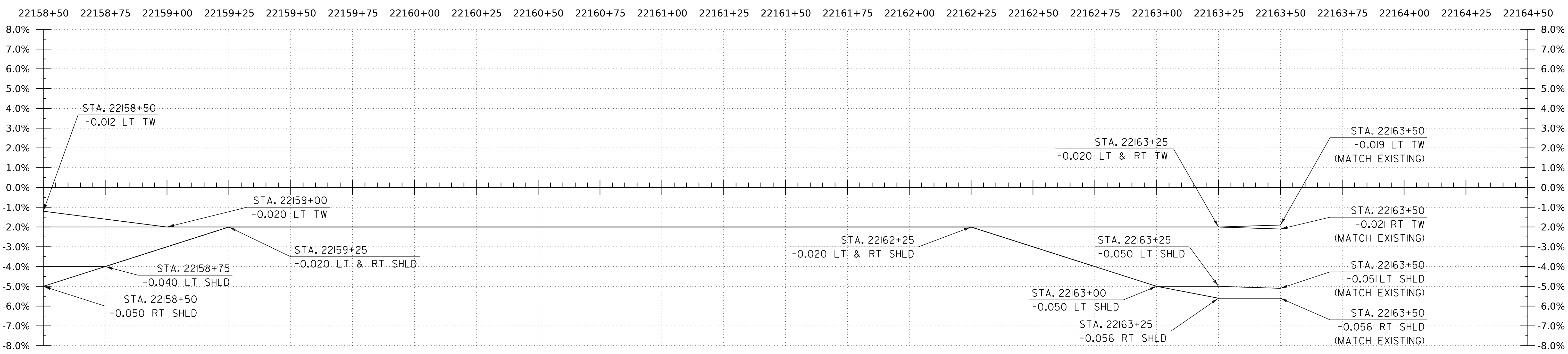
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574pro-I-91.NB.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91 NB PROFILE SHEET 4	SHEET 55 OF 439



I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



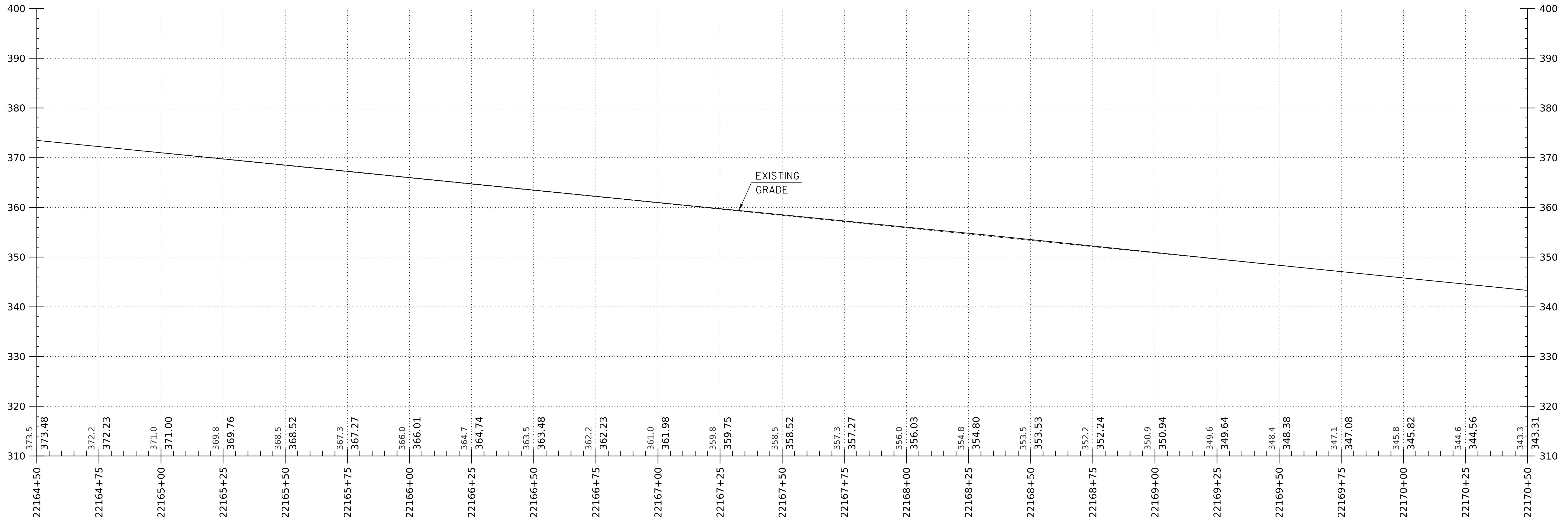
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

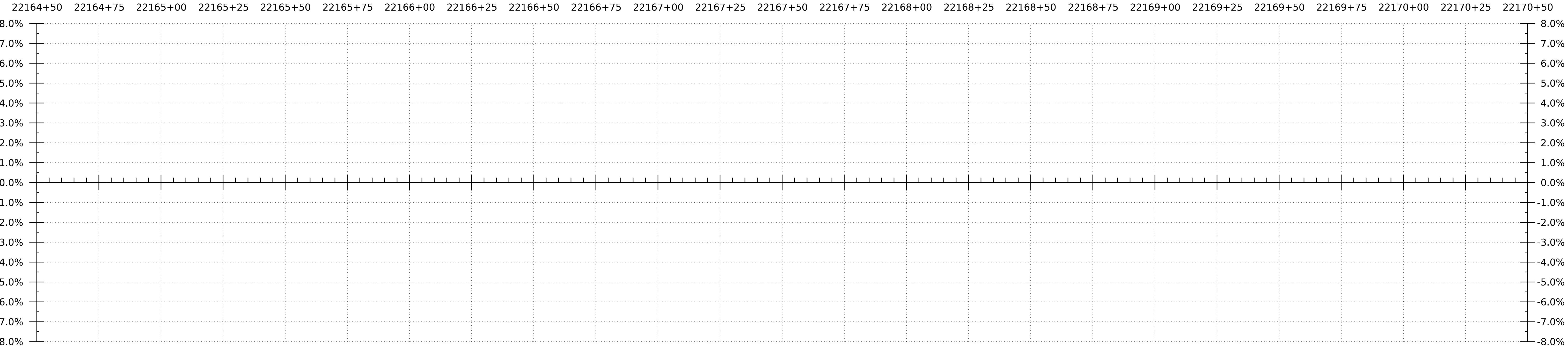
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.i-91.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NB PROFILE SHEET 5		SHEET 56 OF 439





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



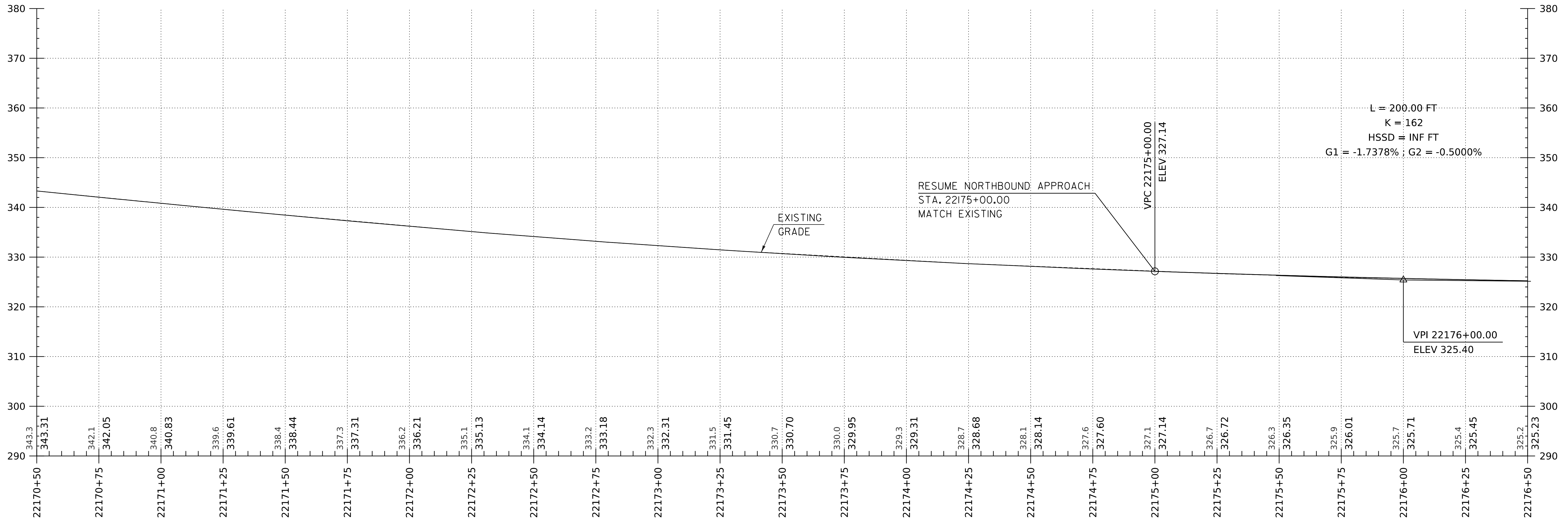
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-91.NB.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 57 OF 439
DESIGNED BY: C. HELMICK	
I-91 NB PROFILE SHEET 6	



L = 200.00 FT
 K = 162
 HSSD = INF FT
 G1 = -1.7378% ; G2 = -0.5000%

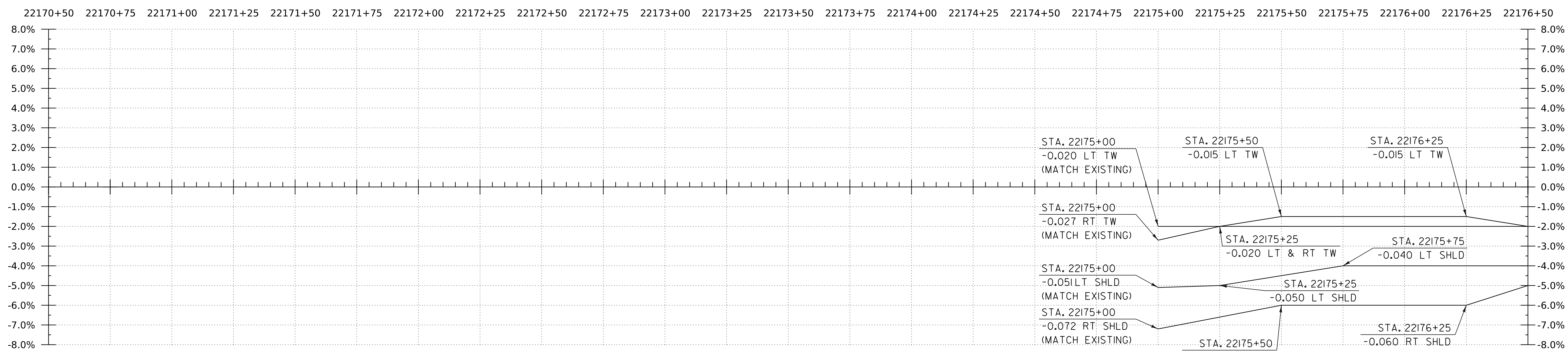
RESUME NORTHBOUND APPROACH
 STA. 22175+00.00
 MATCH EXISTING

EXISTING GRADE

VPC 22175+00.00
 ELEV 327.14

VPI 22176+00.00
 ELEV 325.40

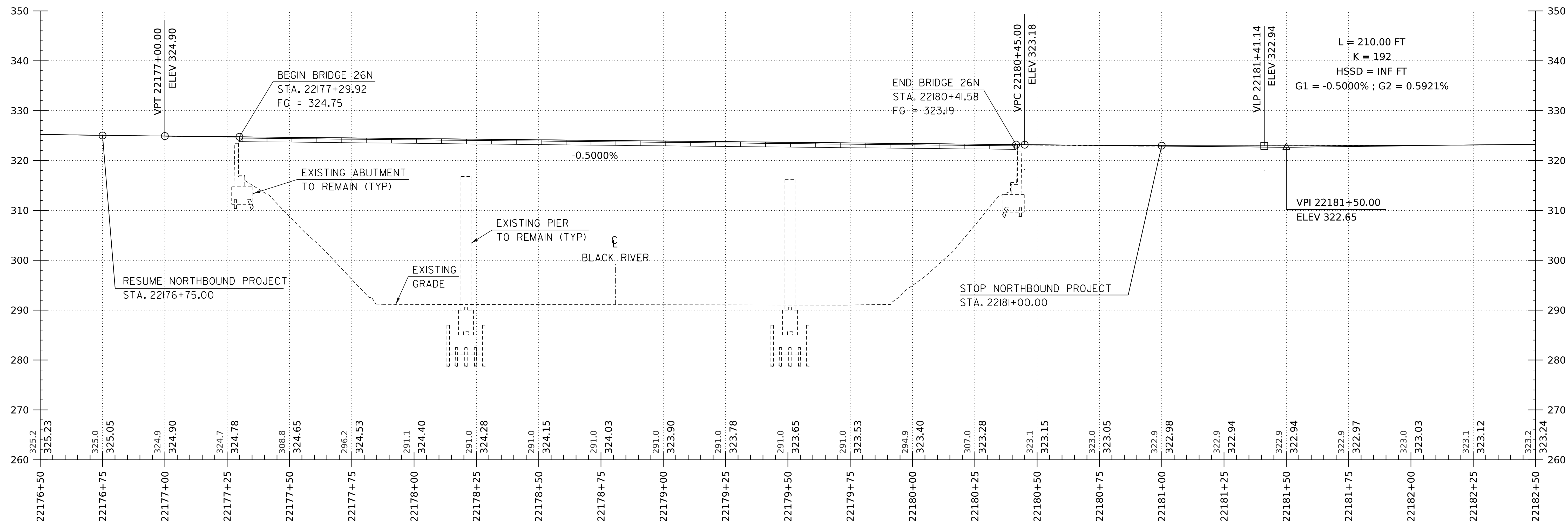
WORKING PLANS FOR REFERENCE ONLY



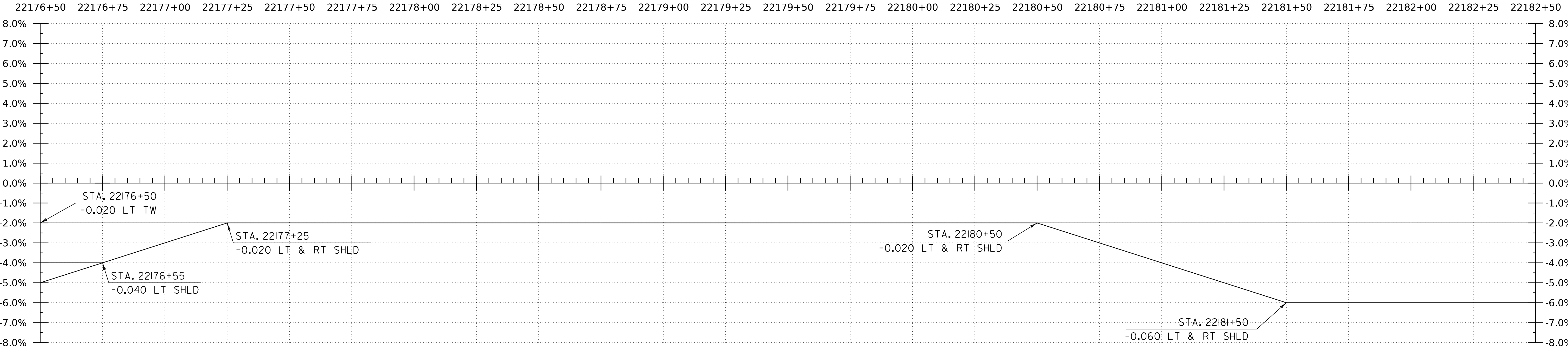
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-I(83)
 FILE NAME: z12a574pro-I-91.NB.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 NB PROFILE SHEET 7
 PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 58 OF 439





I-91 NB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



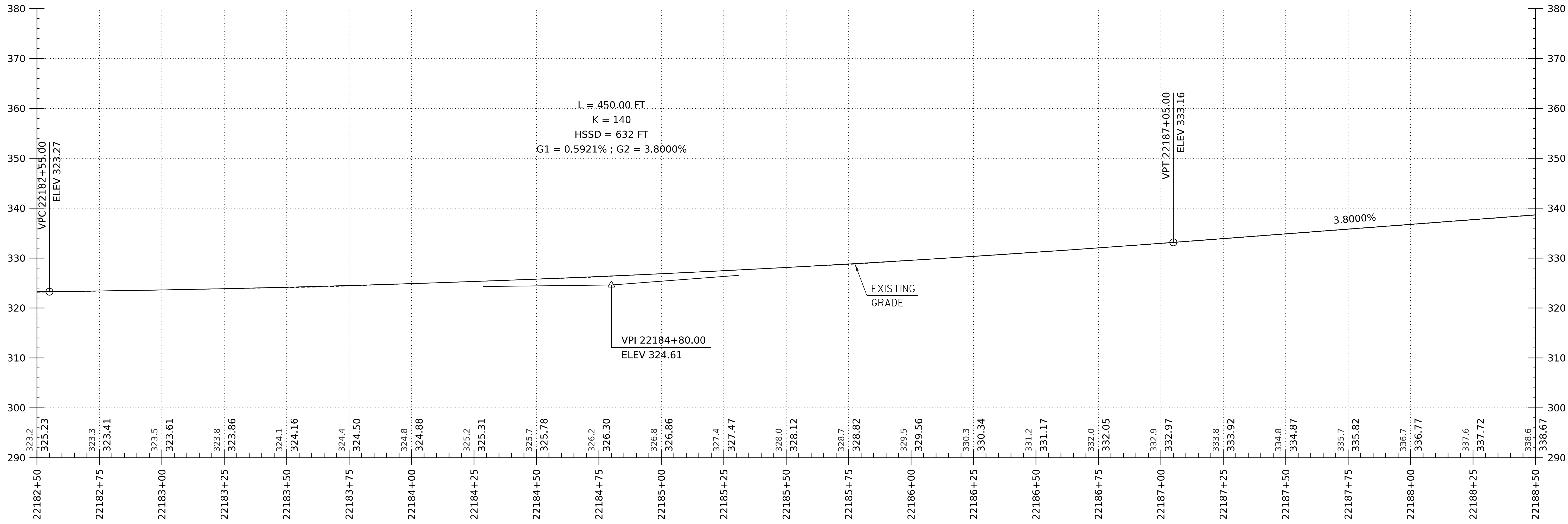
BANKING DIAGRAM - I-91 NB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro-I-91.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NB PROFILE SHEET 8		SHEET 59 OF 439



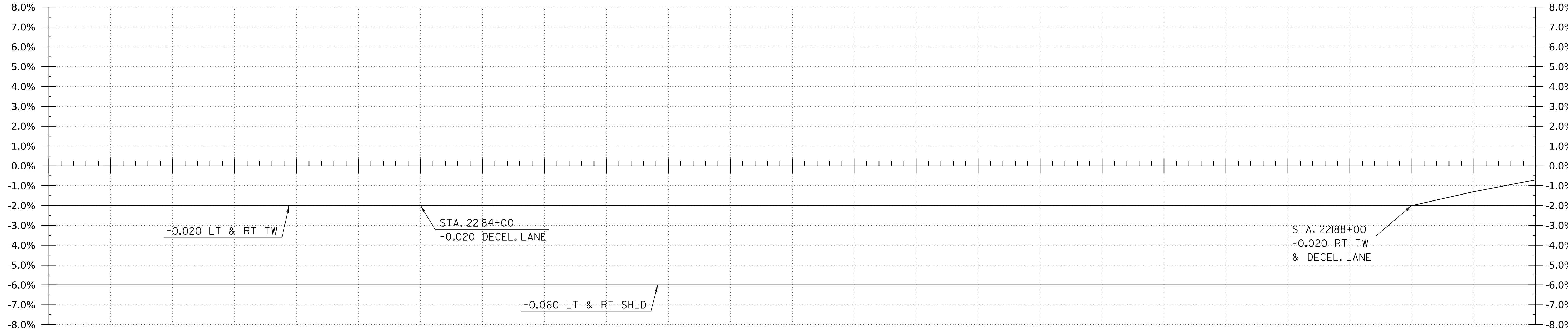
WORKING PLANS FOR REFERENCE ONLY



I-9I NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22182+50 22182+75 22183+00 22183+25 22183+50 22183+75 22184+00 22184+25 22184+50 22184+75 22185+00 22185+25 22185+50 22185+75 22186+00 22186+25 22186+50 22186+75 22187+00 22187+25 22187+50 22187+75 22188+00 22188+25 22188+50



BANKING DIAGRAM - I-9I NB

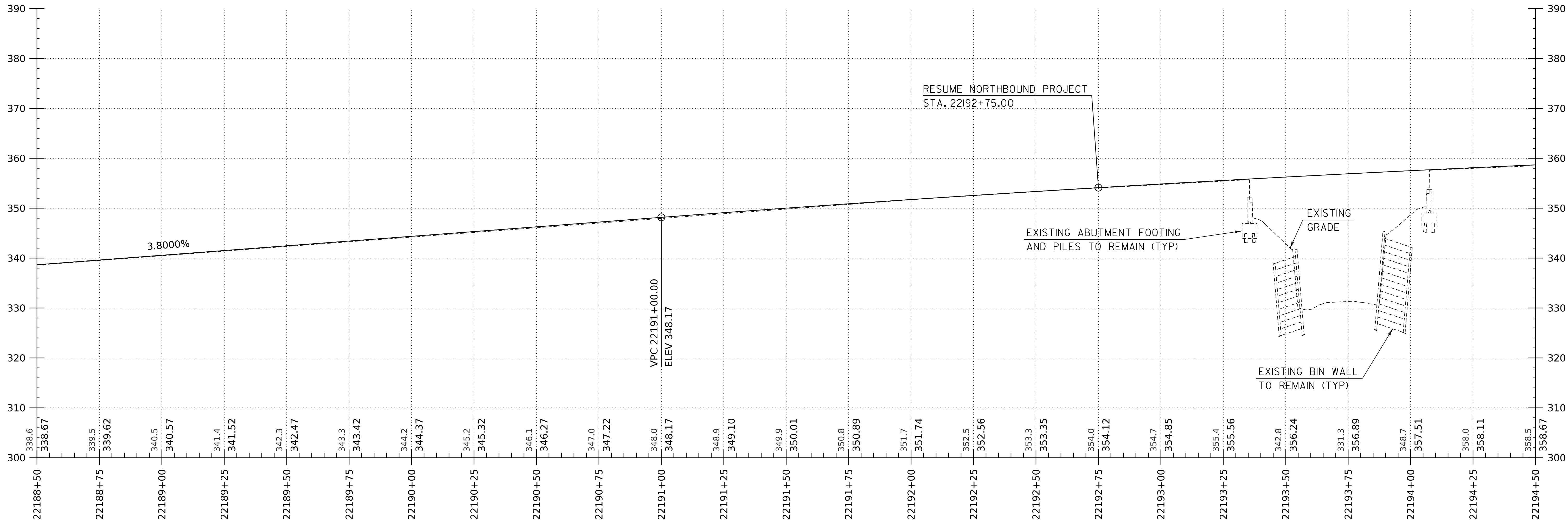
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro-I-9I.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-9I NB PROFILE SHEET 9		SHEET 60 OF 439



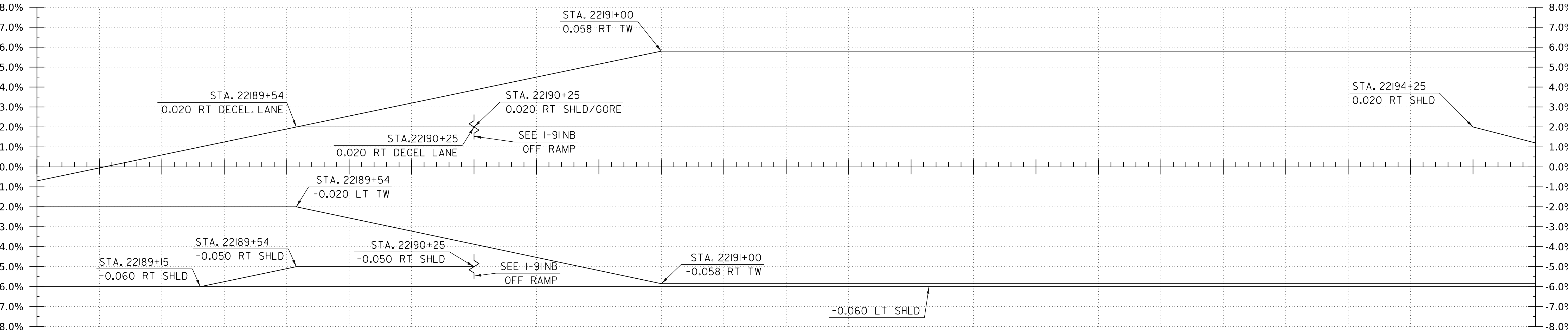
WORKING PLANS FOR REFERENCE ONLY



I-9I NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22188+50 22188+75 22189+00 22189+25 22189+50 22189+75 22190+00 22190+25 22190+50 22190+75 22191+00 22191+25 22191+50 22191+75 22192+00 22192+25 22192+50 22192+75 22193+00 22193+25 22193+50 22193+75 22194+00 22194+25 22194+50



BANKING DIAGRAM - I-9I NB

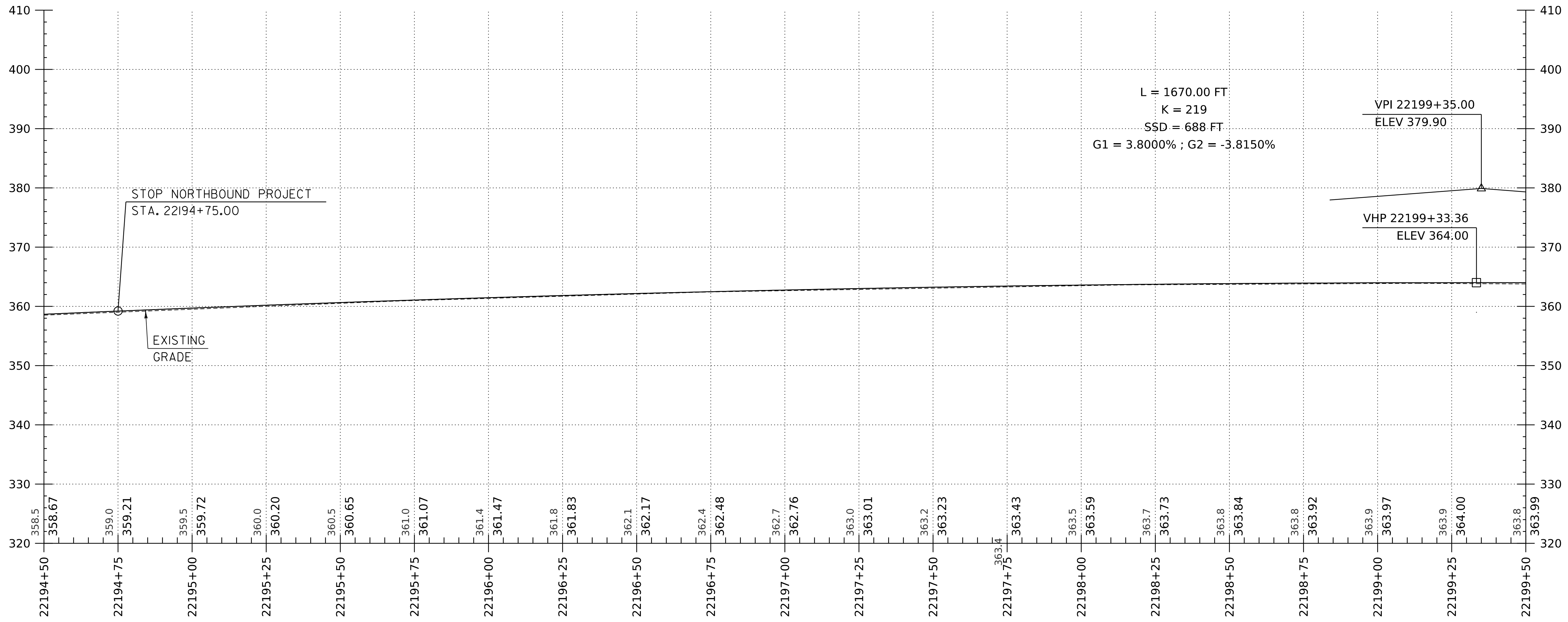
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.I-9I.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-9I NB PROFILE SHEET 10		SHEET	61 OF 439



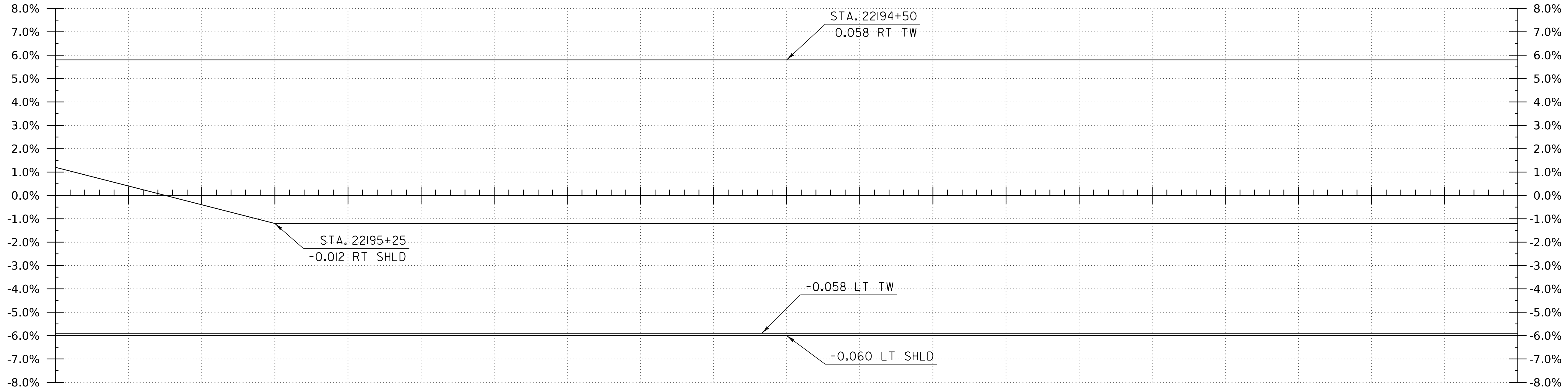
WORKING PLANS FOR REFERENCE ONLY



I-91 NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22194+50 22194+75 22195+00 22195+25 22195+50 22195+75 22196+00 22196+25 22196+50 22196+75 22197+00 22197+25 22197+50 22197+75 22198+00 22198+25 22198+50 22198+75 22199+00 22199+25 22199+50



BANKING DIAGRAM - I-91 NB

HORIZ: 1"=20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

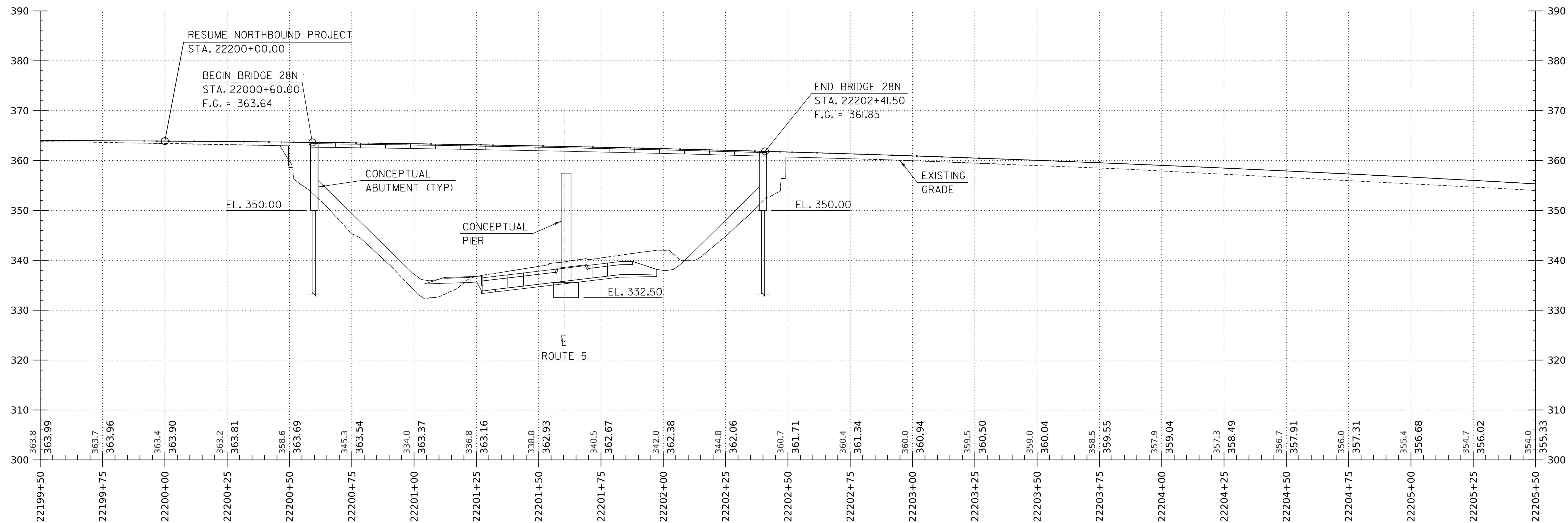
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574pro-I-91.NB.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 NB PROFILE SHEET II

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 62 OF 439



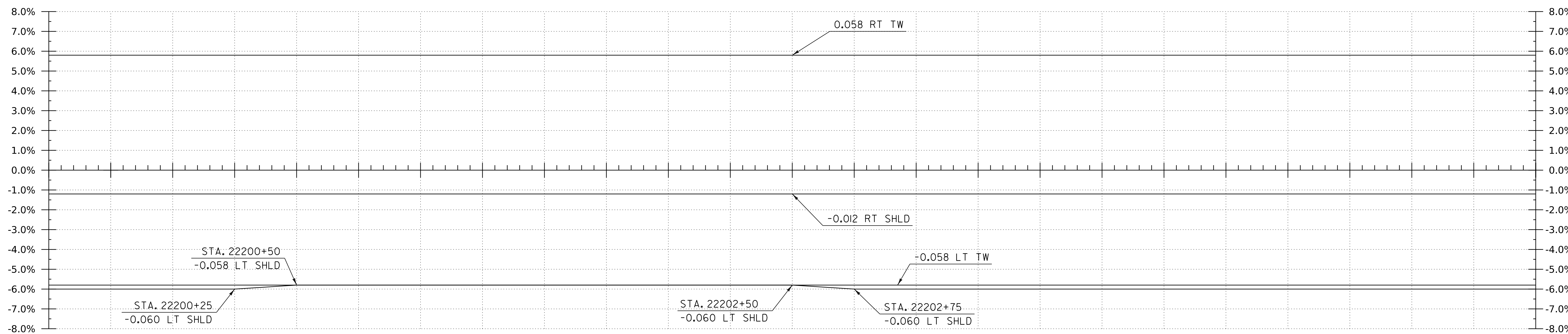
WORKING PLANS FOR REFERENCE ONLY



I-91 NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22199+50 22199+75 22200+00 22200+25 22200+50 22200+75 22201+00 22201+25 22201+50 22201+75 22202+00 22202+25 22202+50 22202+75 22203+00 22203+25 22203+50 22203+75 22204+00 22204+25 22204+50 22204+75 22205+00 22205+25 22205+50



BANKING DIAGRAM - I-91 NB

HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME: SPRINGFIELD

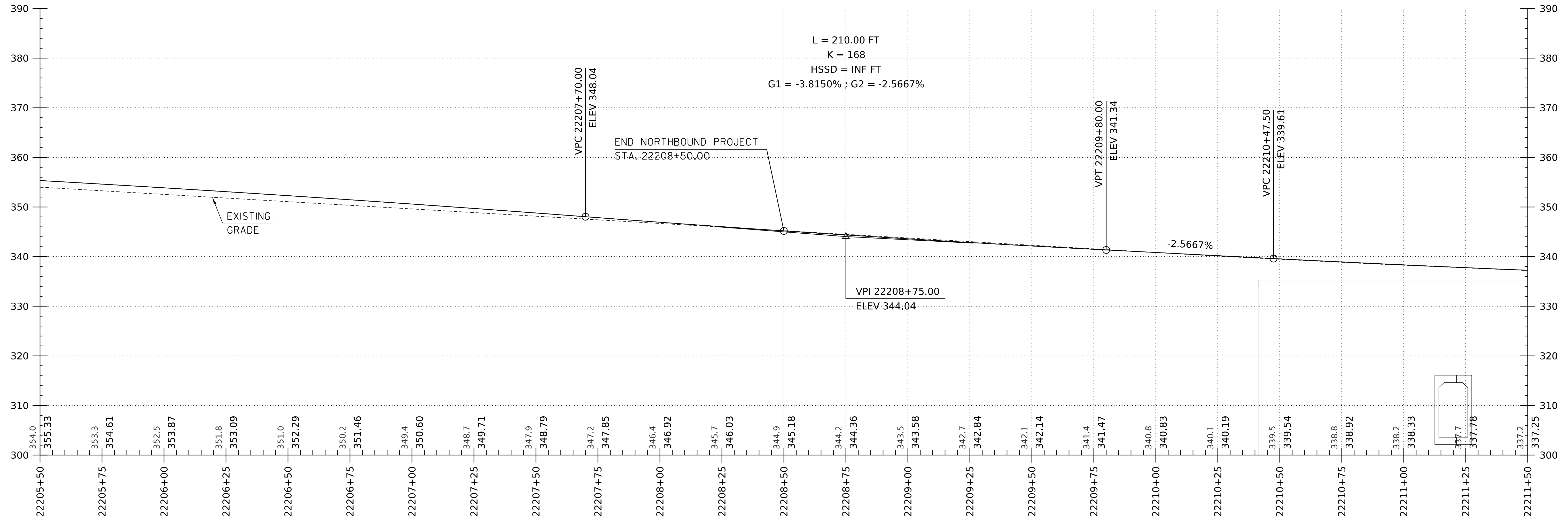
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574pro-I-91.NB.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 NB PROFILE SHEET 12

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 63 OF 439



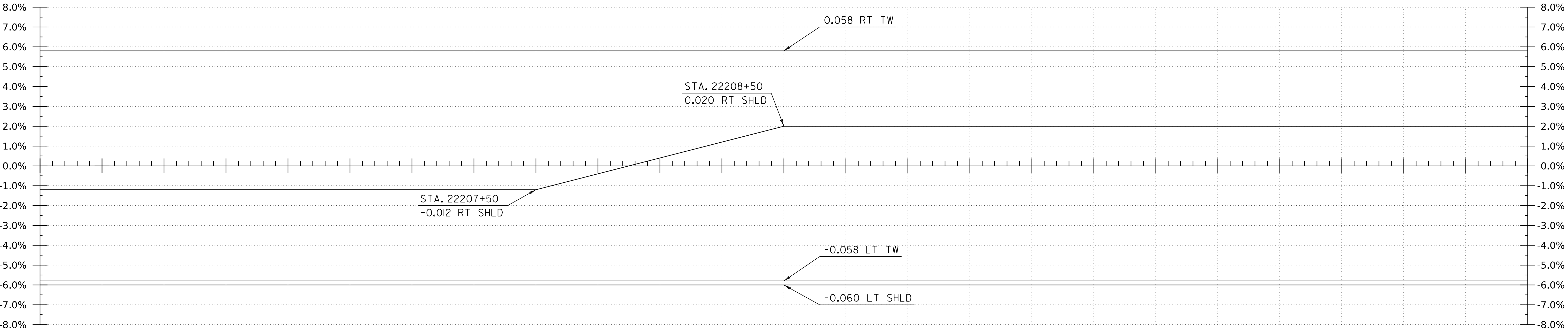
WORKING PLANS FOR REFERENCE ONLY



I-91 NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22205+50 22205+75 22206+00 22206+25 22206+50 22206+75 22207+00 22207+25 22207+50 22207+75 22208+00 22208+25 22208+50 22208+75 22209+00 22209+25 22209+50 22209+75 22210+00 22210+25 22210+50 22210+75 22211+00 22211+25 22211+50



BANKING DIAGRAM - I-91 NB

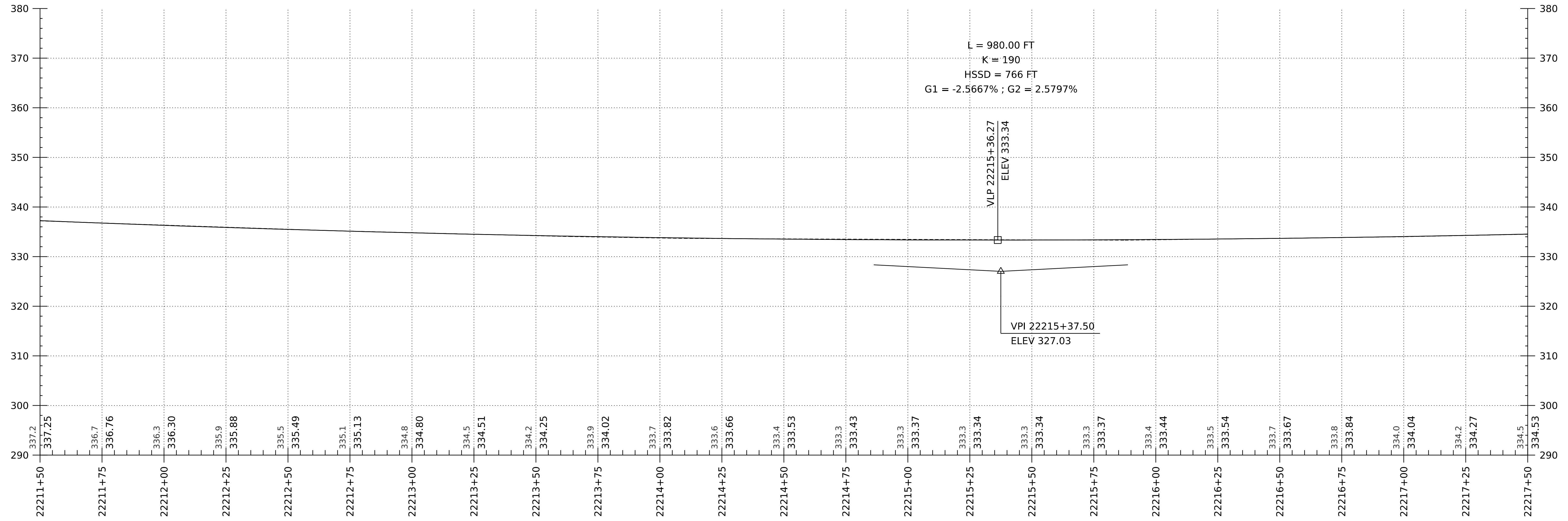
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574pro.I-91.NB.dgn	PLOT DATE: 9-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91 NB PROFILE SHEET 13	SHEET 64 OF 439

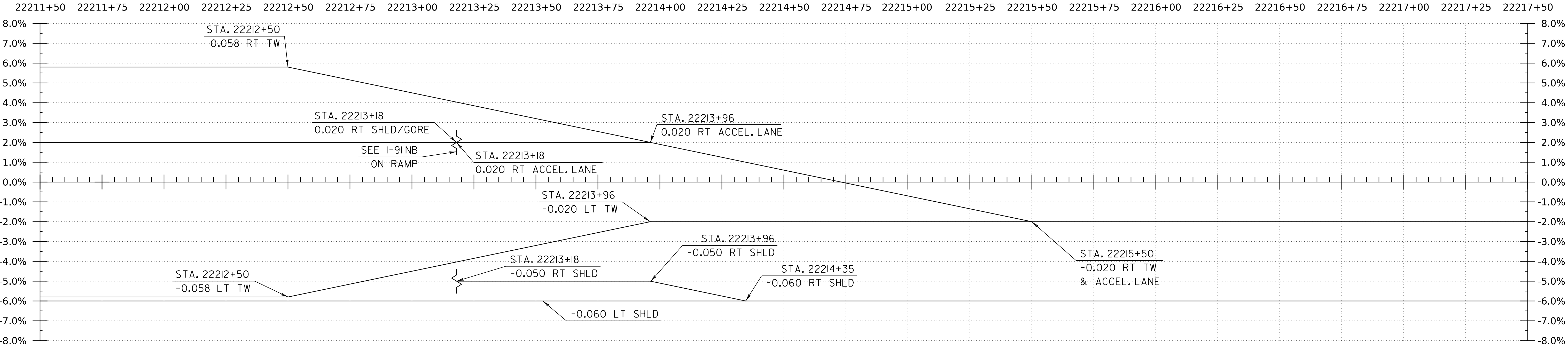


WORKING PLANS FOR REFERENCE ONLY



I-9I NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

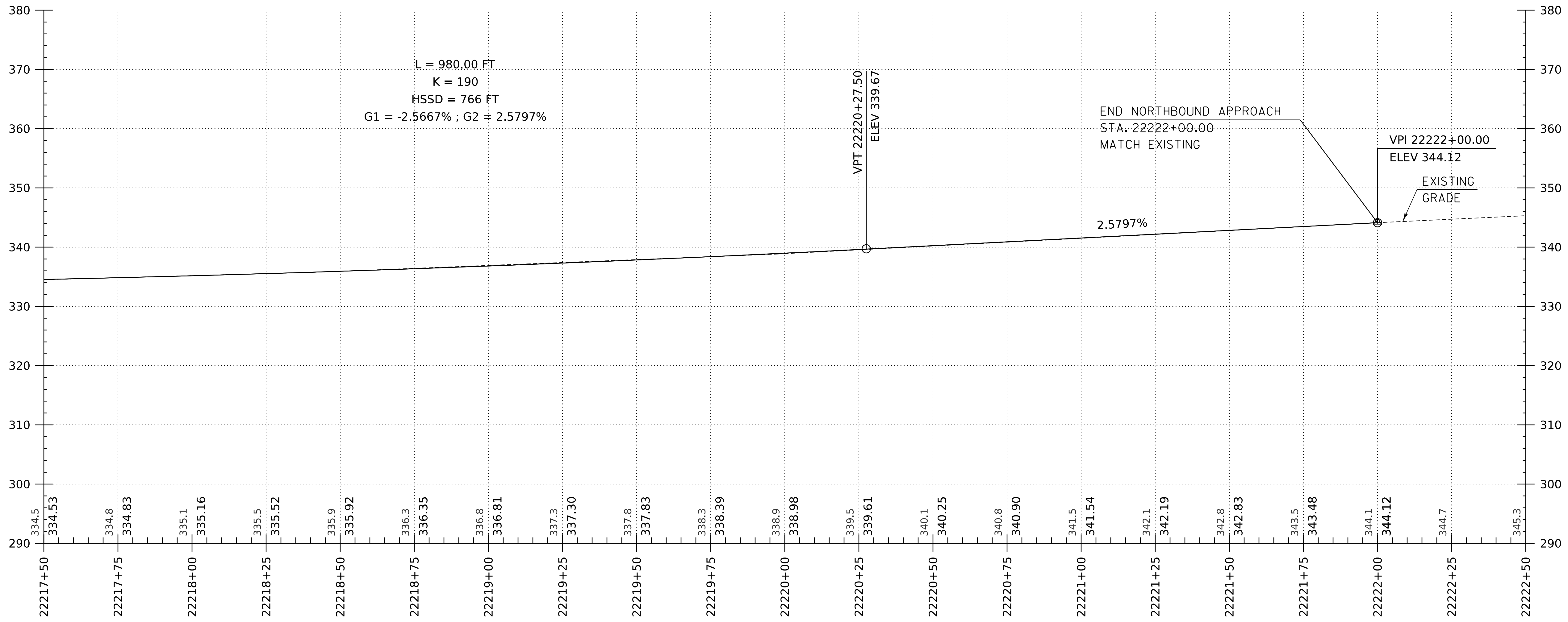


WORKING PLANS FOR REFERENCE ONLY

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.i-9i.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-9I NB PROFILE SHEET 14		SHEET 65 OF 439

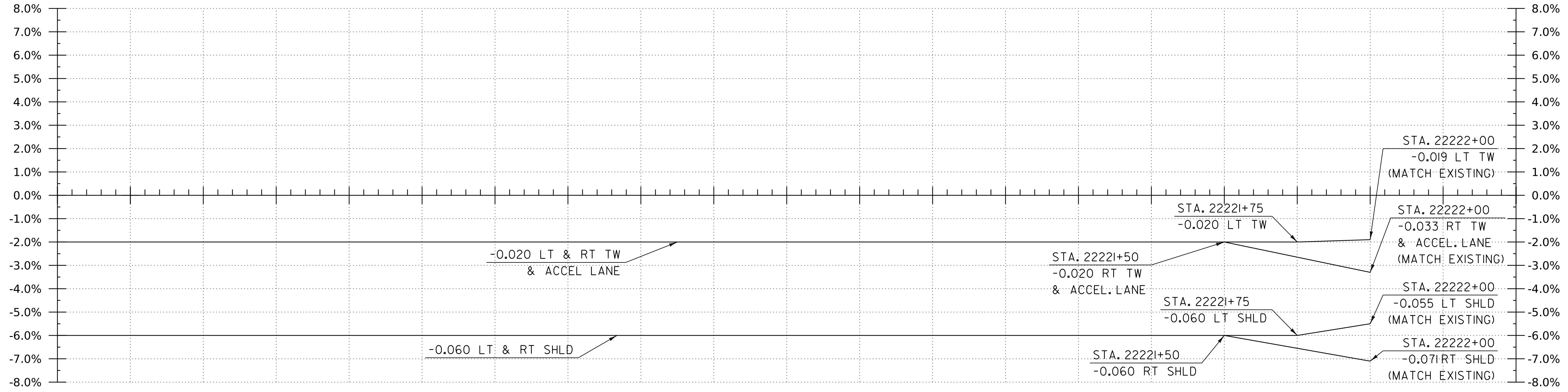




I-91 NB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

22217+50 22217+75 22218+00 22218+25 22218+50 22218+75 22219+00 22219+25 22219+50 22219+75 22220+00 22220+25 22220+50 22220+75 22221+00 22221+25 22221+50 22221+75 22222+00 22222+25 22222+50



BANKING DIAGRAM - I-91 NB

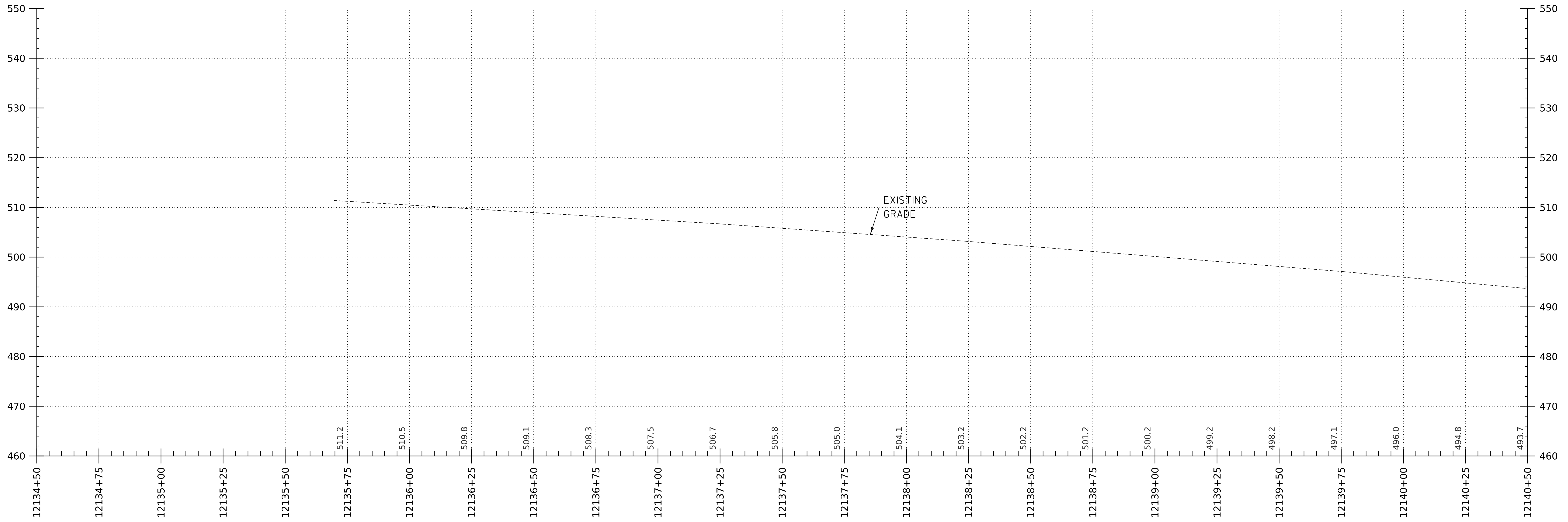
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

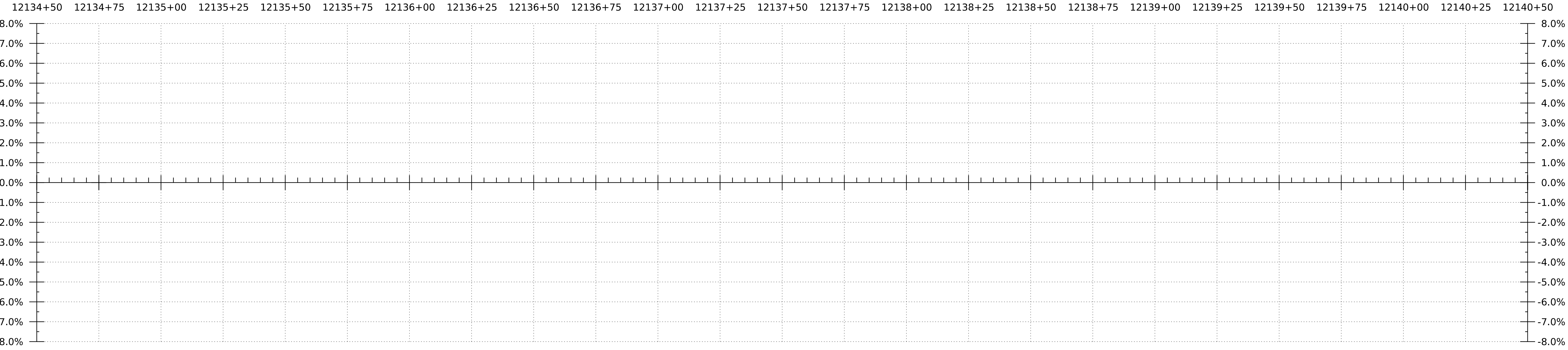
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.I-91.NB.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91 NB PROFILE SHEET 15		SHEET	66 OF 439



I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



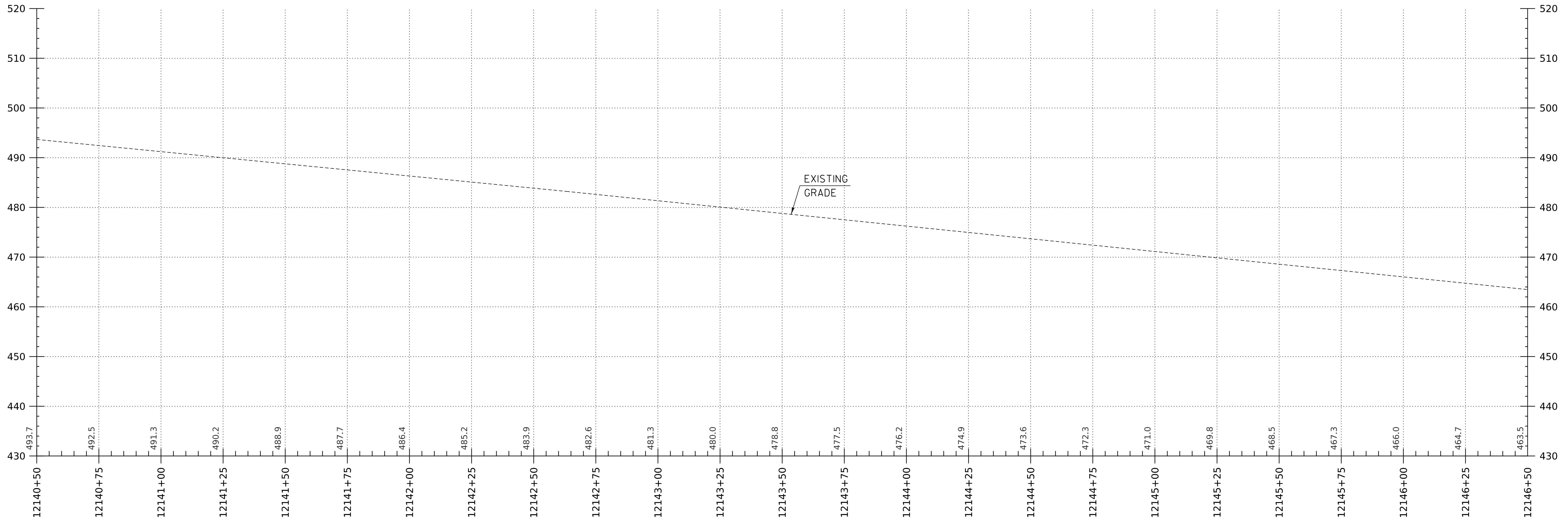
BANKING DIAGRAM - I-9I SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

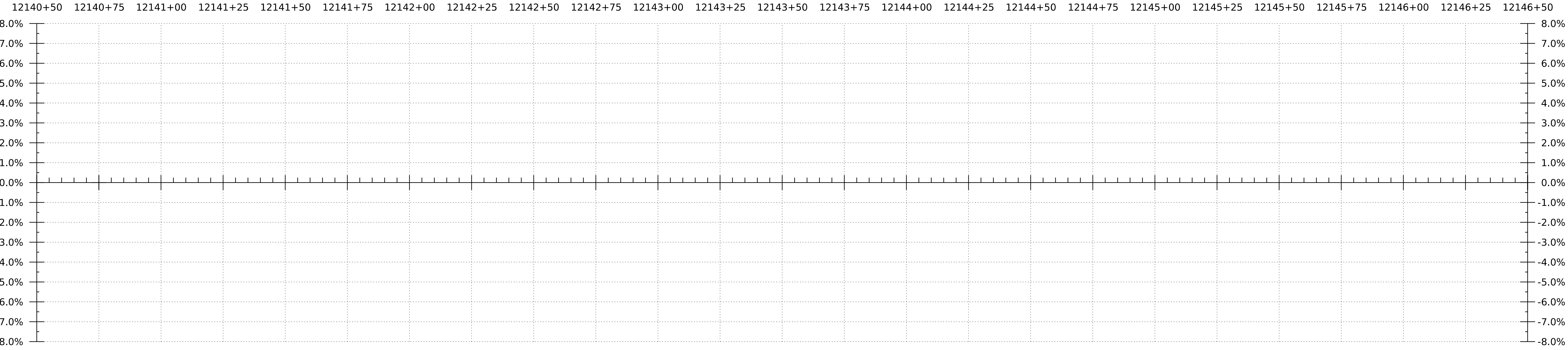
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 09I-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-9I.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 67 OF 439
DESIGNED BY: C. HELMICK	
I-9I SB PROFILE SHEET 1	



WORKING PLANS FOR REFERENCE ONLY



I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



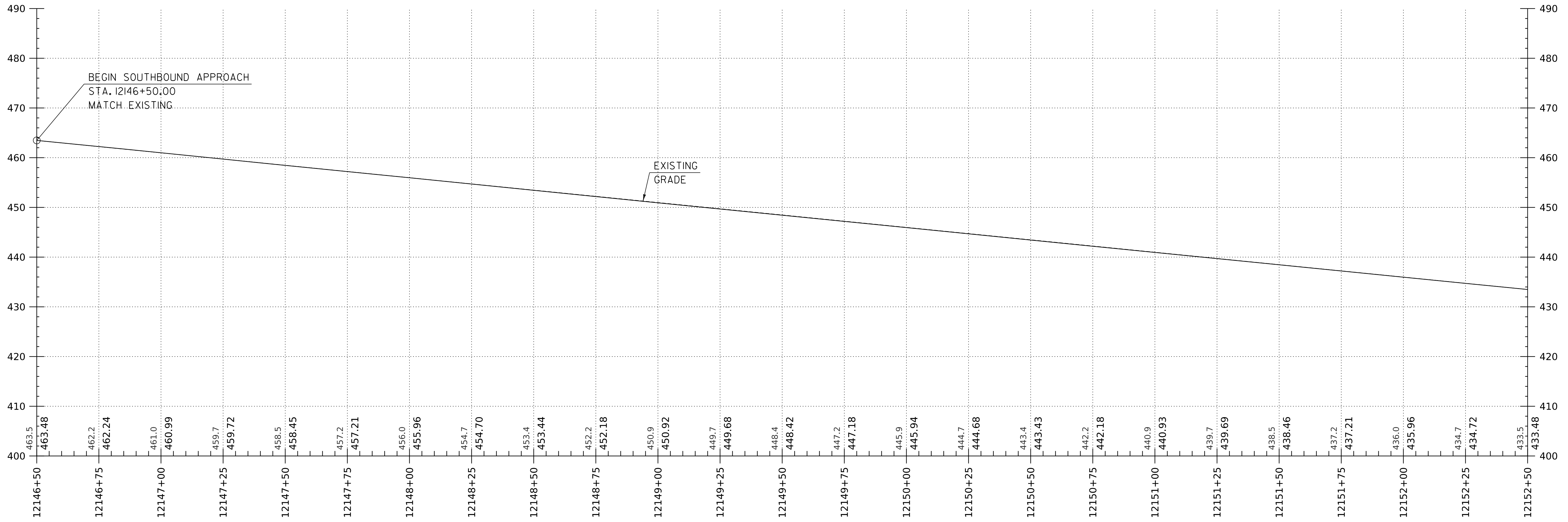
BANKING DIAGRAM - I-9I SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 09I-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-9I.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 68 OF 439
DESIGNED BY: C. HELMICK	
I-9I SB PROFILE SHEET 2	

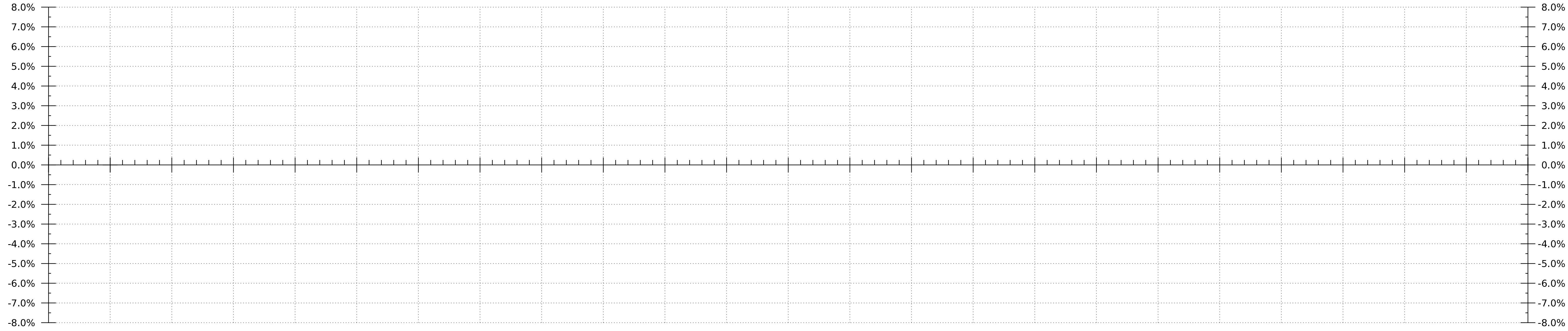


I-91 SB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"

VERTICAL SCALE: 1" = 10'-0"

12146+50 12146+75 12147+00 12147+25 12147+50 12147+75 12148+00 12148+25 12148+50 12148+75 12149+00 12149+25 12149+50 12149+75 12150+00 12150+25 12150+50 12150+75 12151+00 12151+25 12151+50 12151+75 12152+00 12152+25 12152+50



BANKING DIAGRAM - I-91 SB

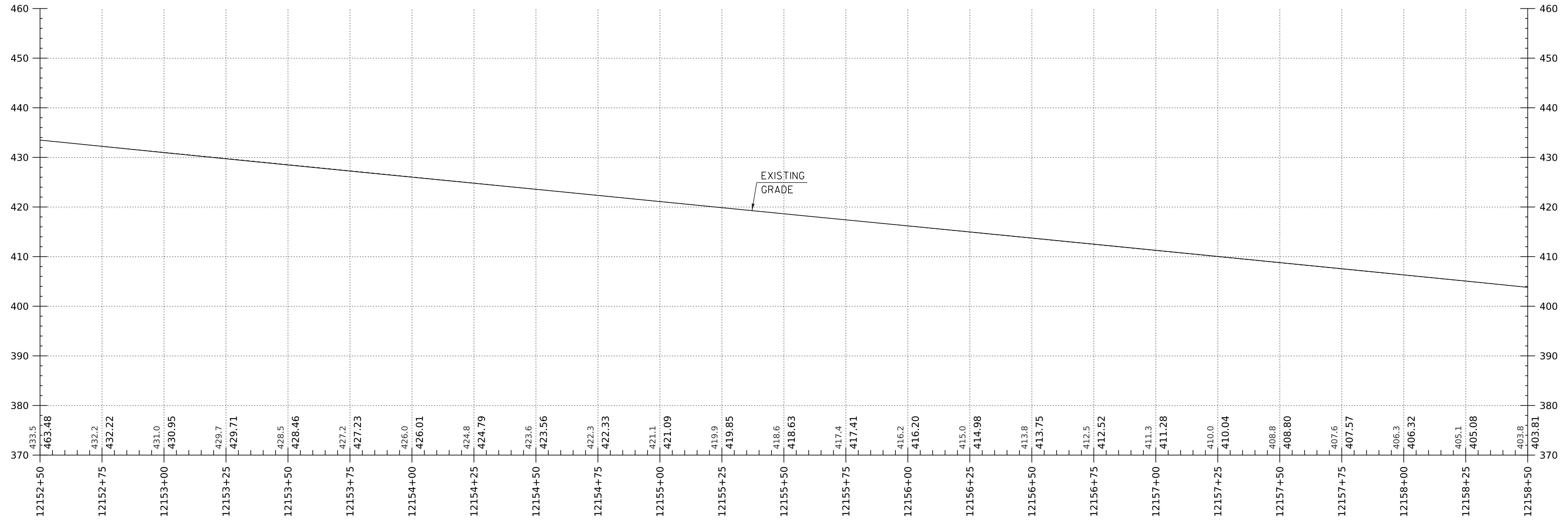
HORIZ: 1" = 20'
NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

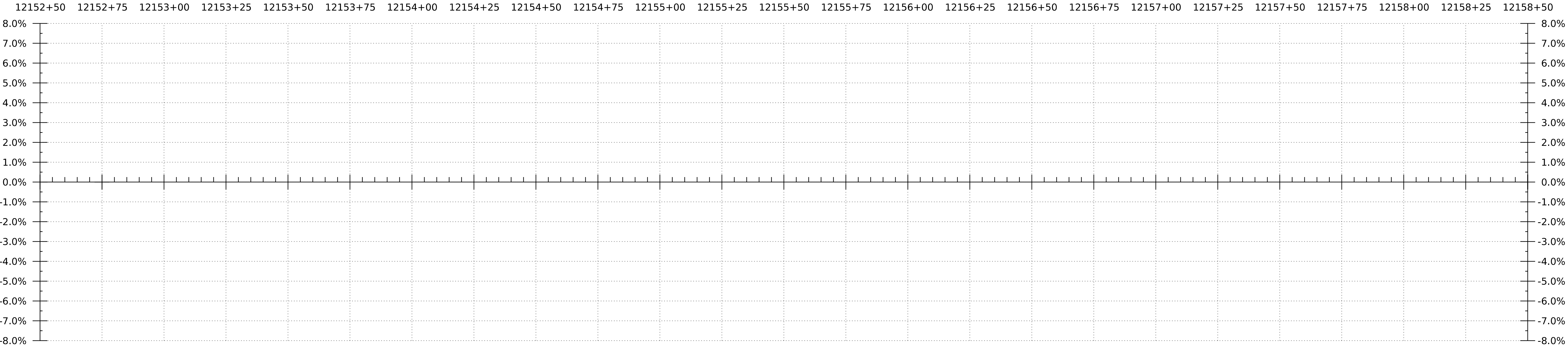
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro-I-91.SB	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	69 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SB PROFILE SHEET 3			



WORKING PLANS FOR REFERENCE ONLY



I-91 SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



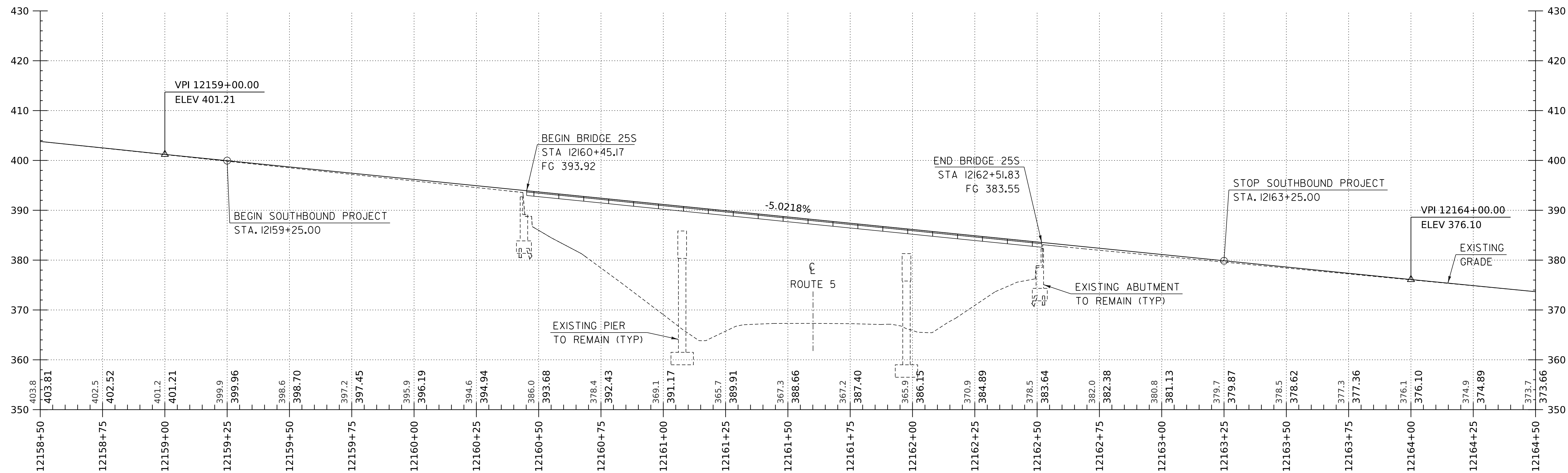
BANKING DIAGRAM - I-91 SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

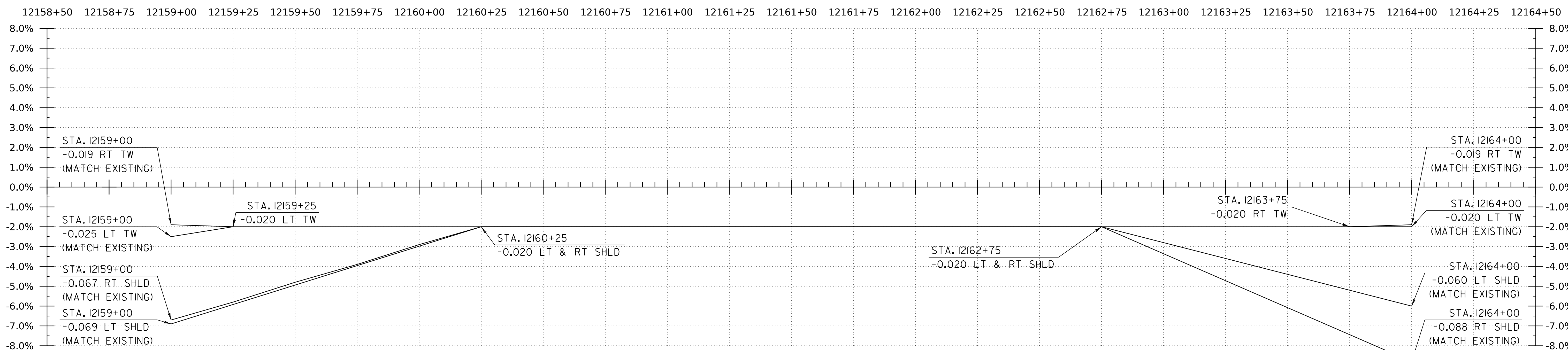
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro.I-91.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 70 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB PROFILE SHEET 4	



I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-9I SB

HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

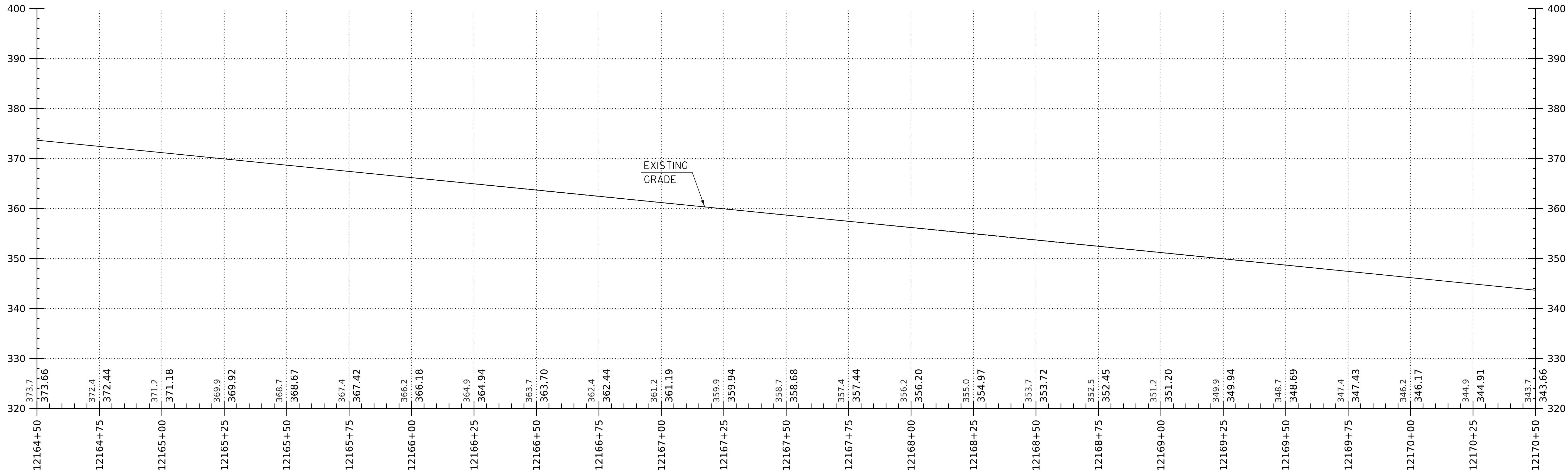
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 09I-1(83)

FILE NAME: z12a574pro.I-9I.SB
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-9I SB PROFILE SHEET 5

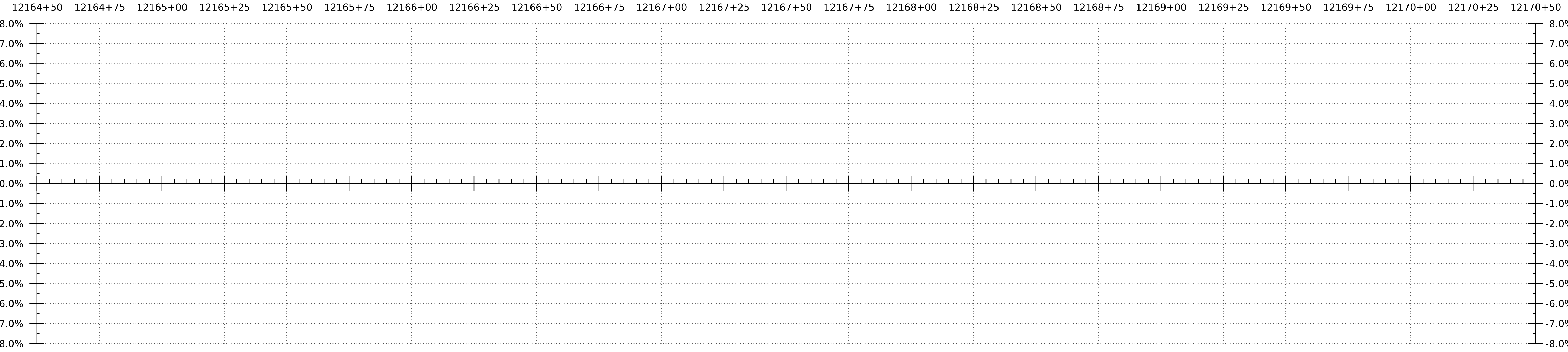
PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 71 OF 439



WORKING PLANS FOR REFERENCE ONLY



I-91 SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



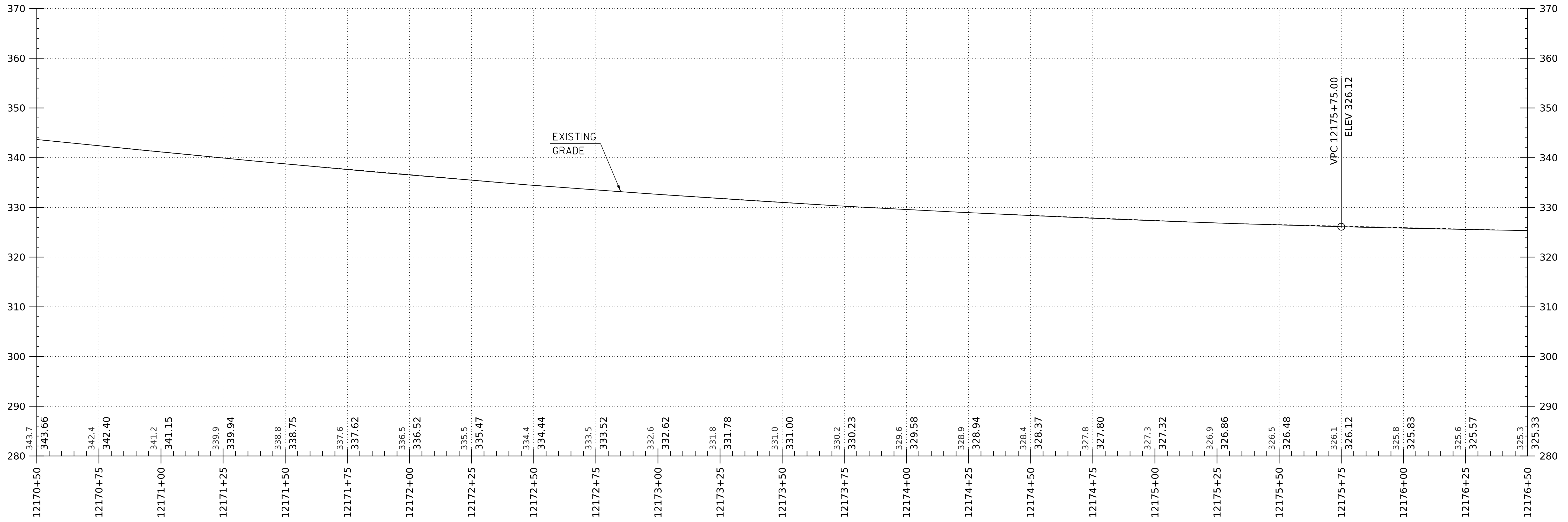
BANKING DIAGRAM - I-91 SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

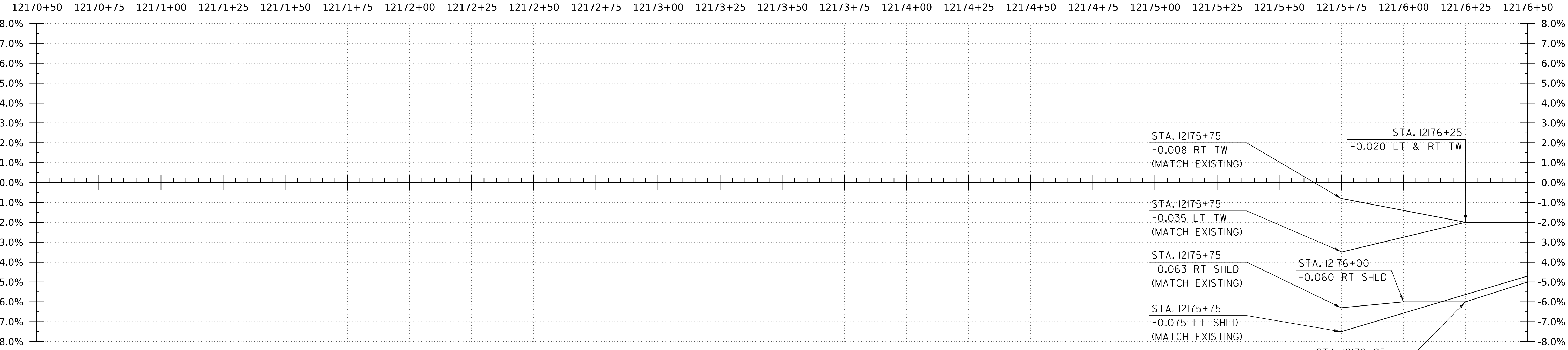
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-91-SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 72 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB PROFILE SHEET 6	





I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



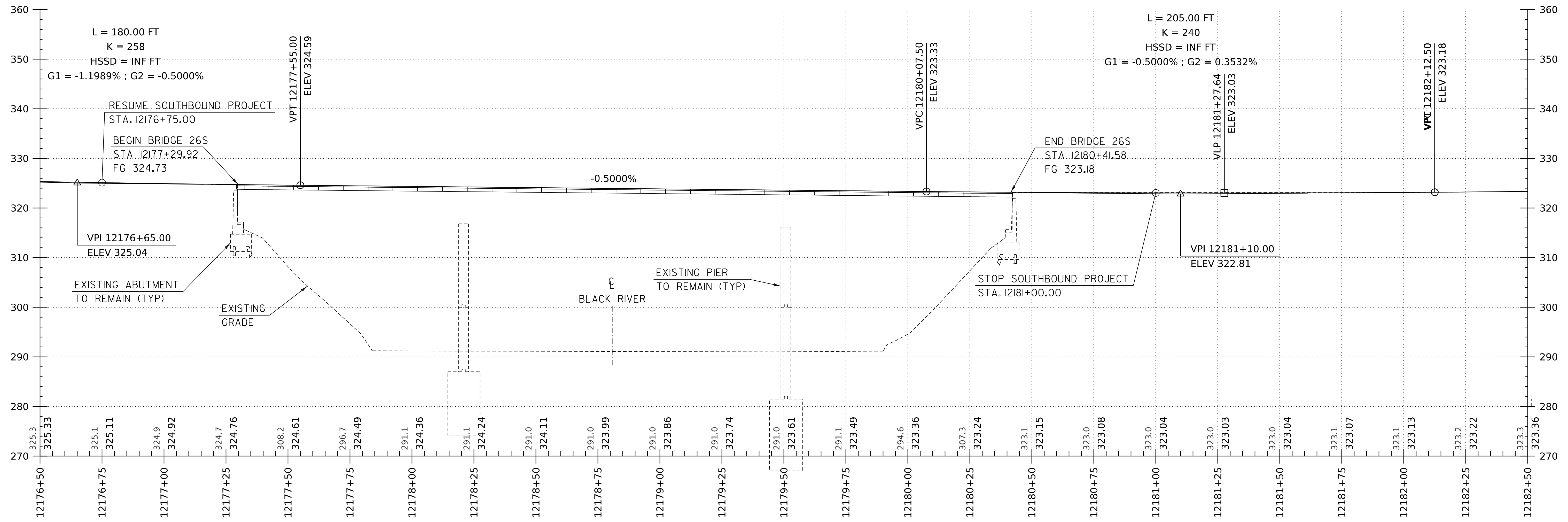
BANKING DIAGRAM - I-9I SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro-I-9I-SB	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-9I SB PROFILE SHEET 7		SHEET	73 OF 439

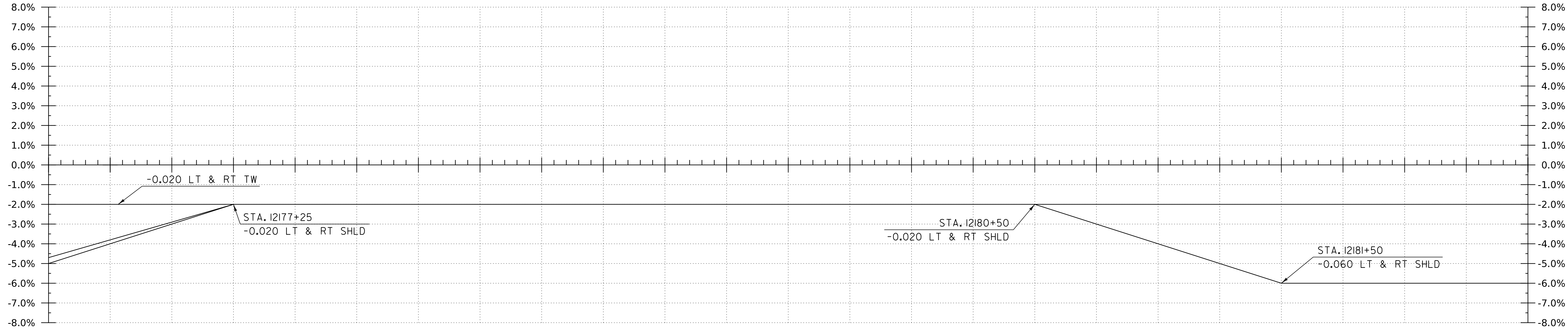




I-9I SB PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

12176+50 12176+75 12177+00 12177+25 12177+50 12177+75 12178+00 12178+25 12178+50 12178+75 12179+00 12179+25 12179+50 12179+75 12180+00 12180+25 12180+50 12180+75 12181+00 12181+25 12181+50 12181+75 12182+00 12182+25 12182+50



BANKING DIAGRAM - I-9I SB

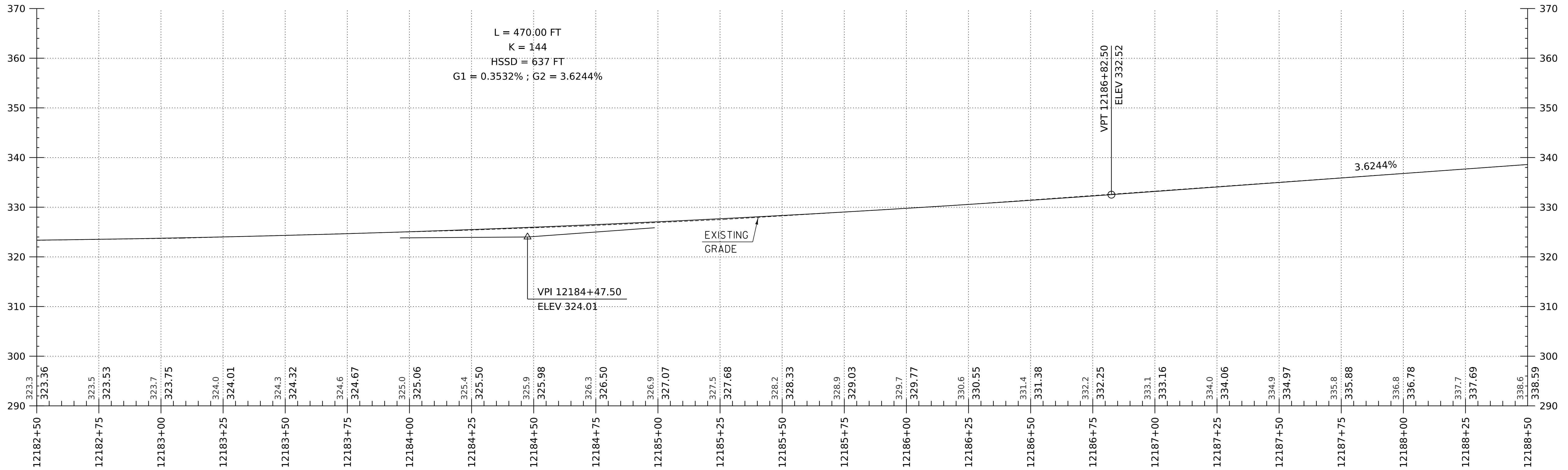
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

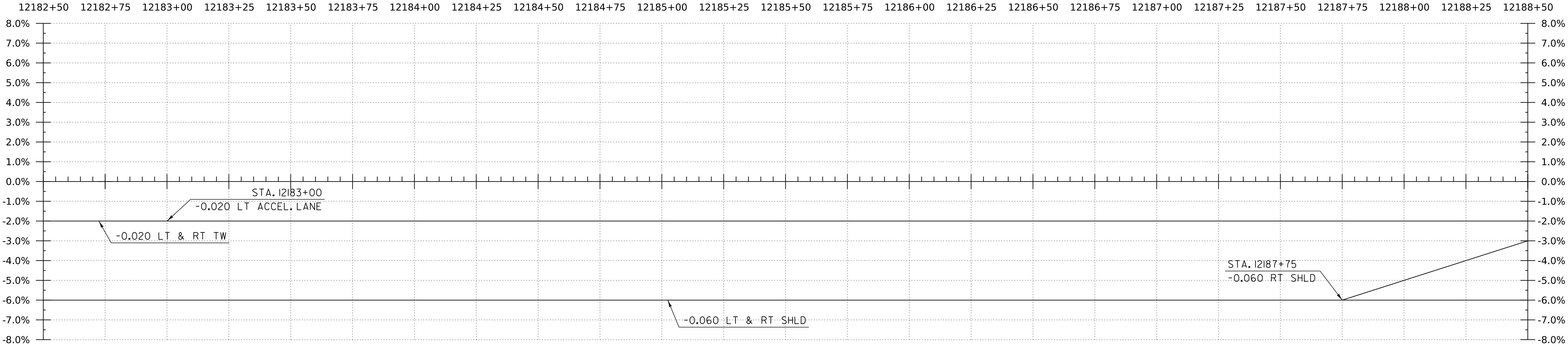


PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.I-9I.SB	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-9I SB PROFILE SHEET 8		SHEET	74 OF 439

WORKING PLANS FOR REFERENCE ONLY



I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

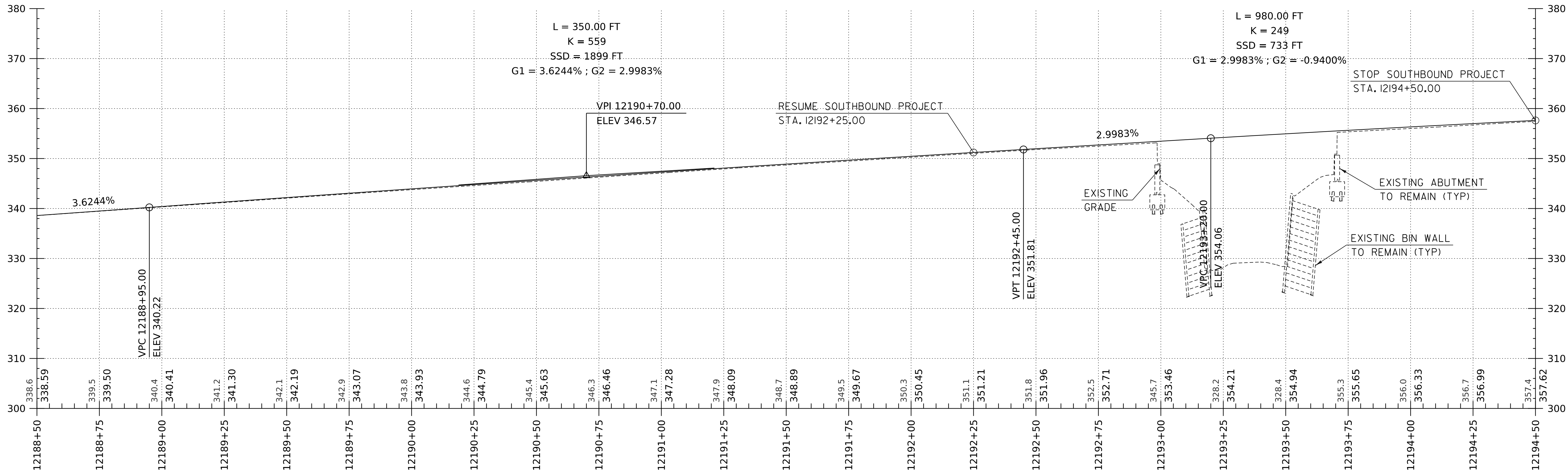


WORKING PLANS FOR REFERENCE ONLY

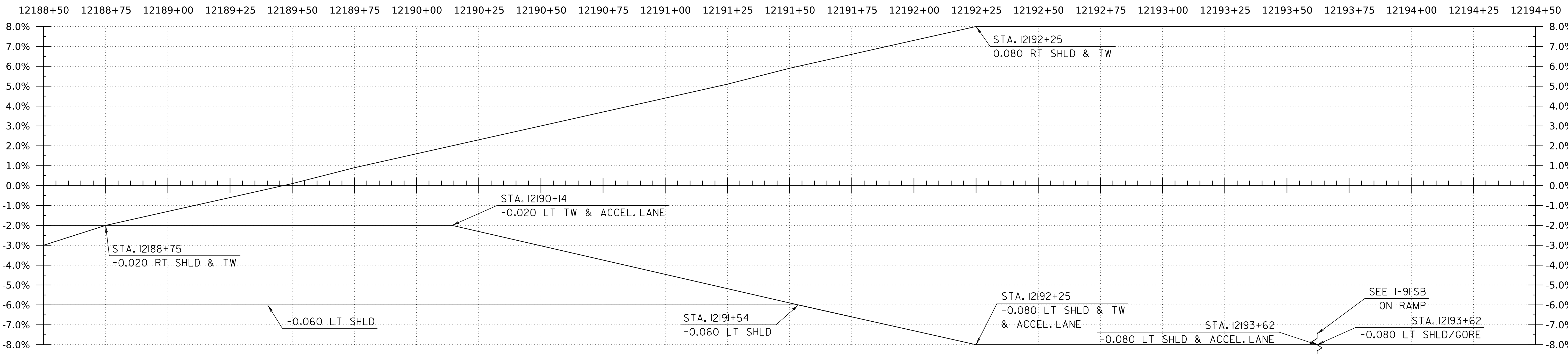
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro-I-9I.SB	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	75 OF 439
DESIGNED BY:	C. HELMICK		
I-9I SB PROFILE SHEET	9		





I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



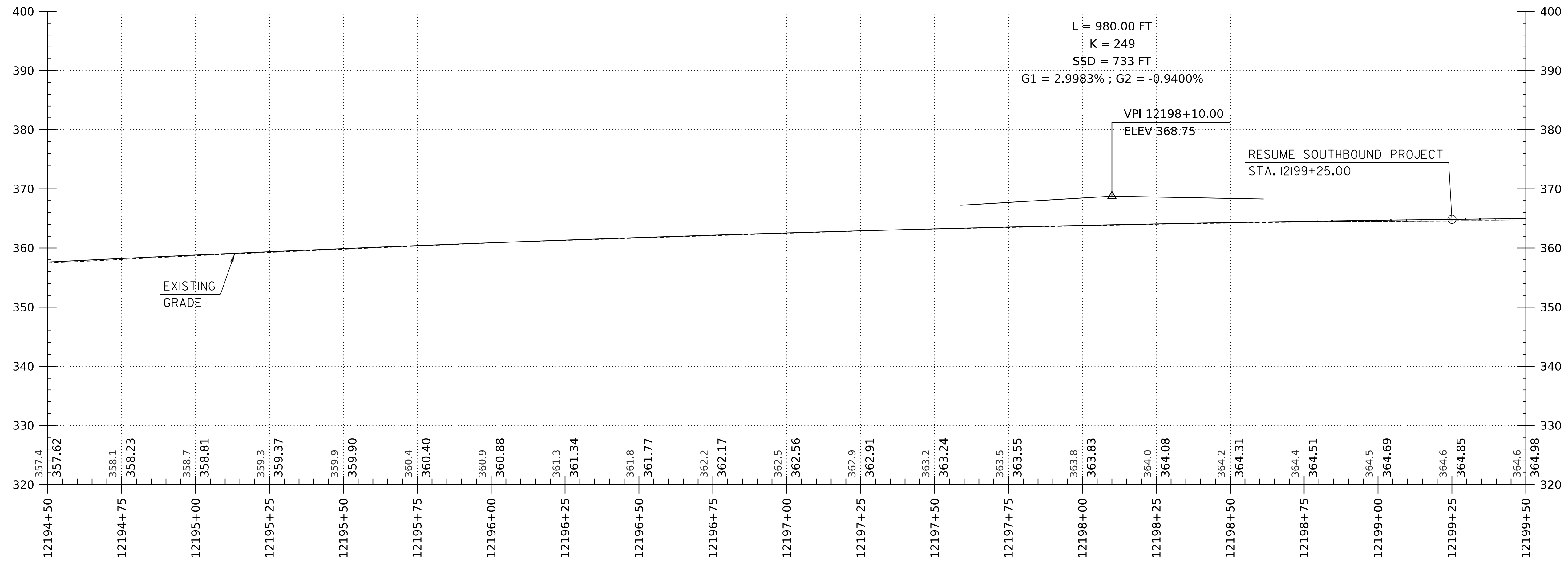
BANKING DIAGRAM - I-9I SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

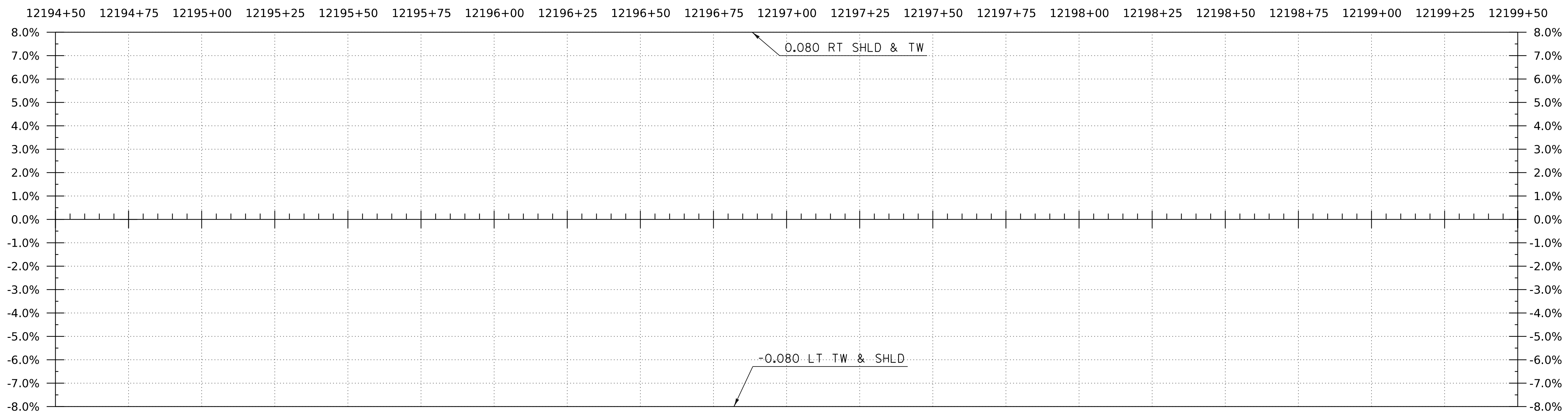
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.i-9i.sb	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-9I SB PROFILE SHEET 10		SHEET	76 OF 439



WORKING PLANS FOR REFERENCE ONLY



I-9I SB PROFILE
HORIZONTAL SCALE: 1" = 20'-0"
VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-9I SB
HORIZ: 1"=20'
NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

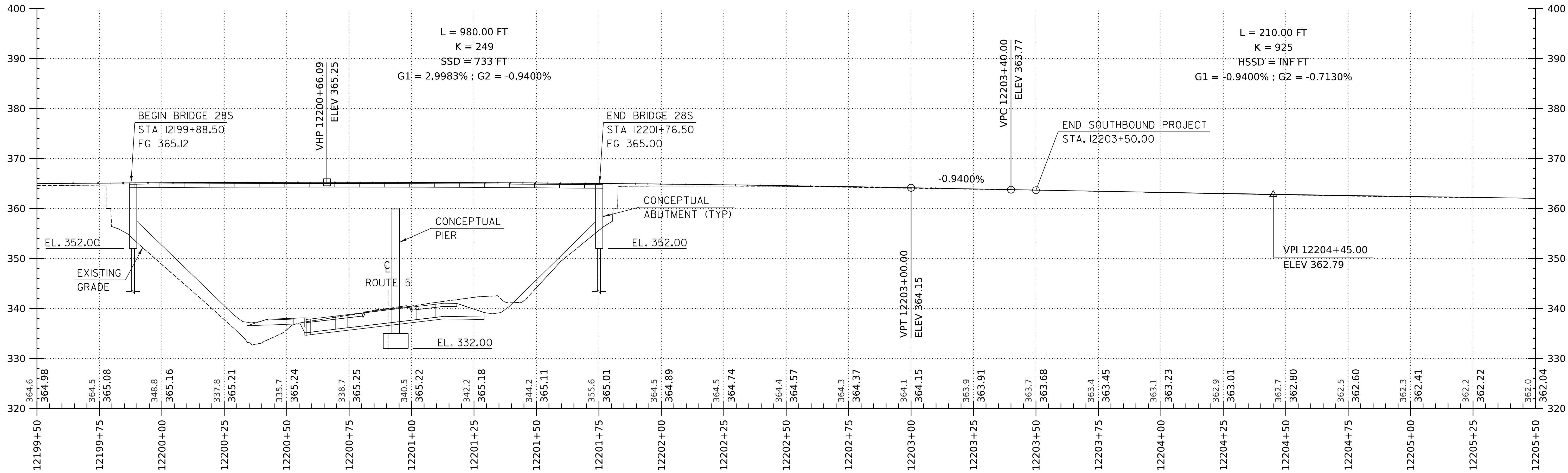
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 09I-1(83)

FILE NAME: z12a574pro.I-9I.SB
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-9I SB PROFILE SHEET II

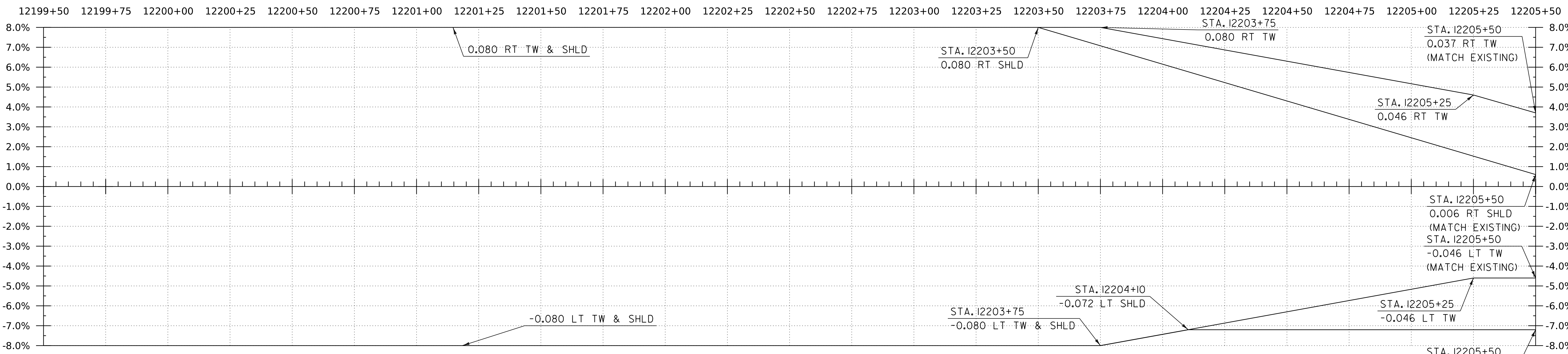
PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 77 OF 439



WORKING PLANS FOR REFERENCE ONLY



I-91 SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



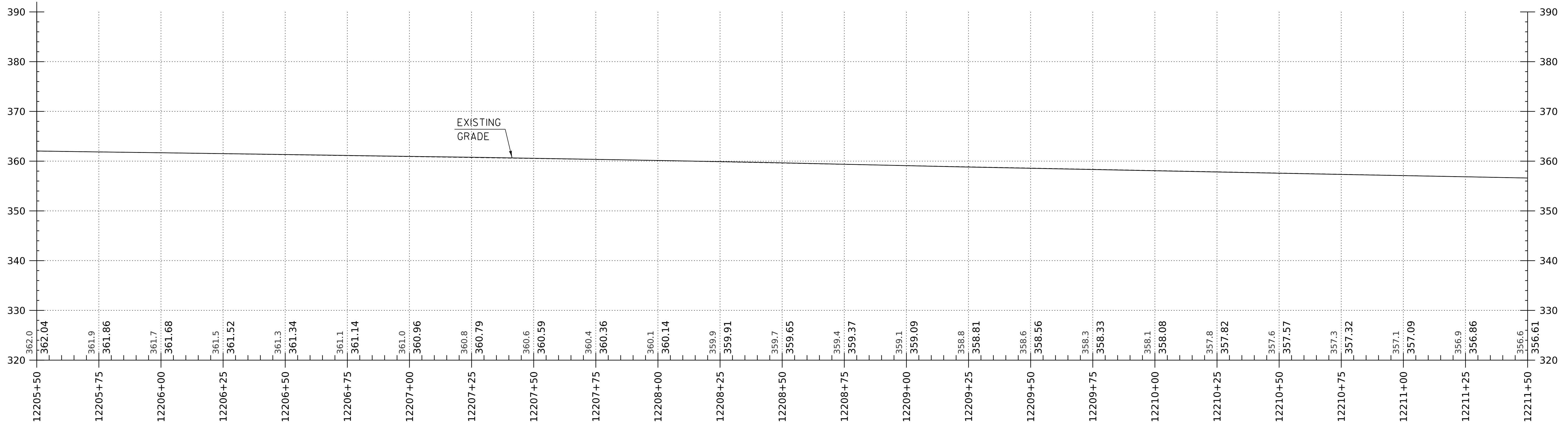
BANKING DIAGRAM - I-91 SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

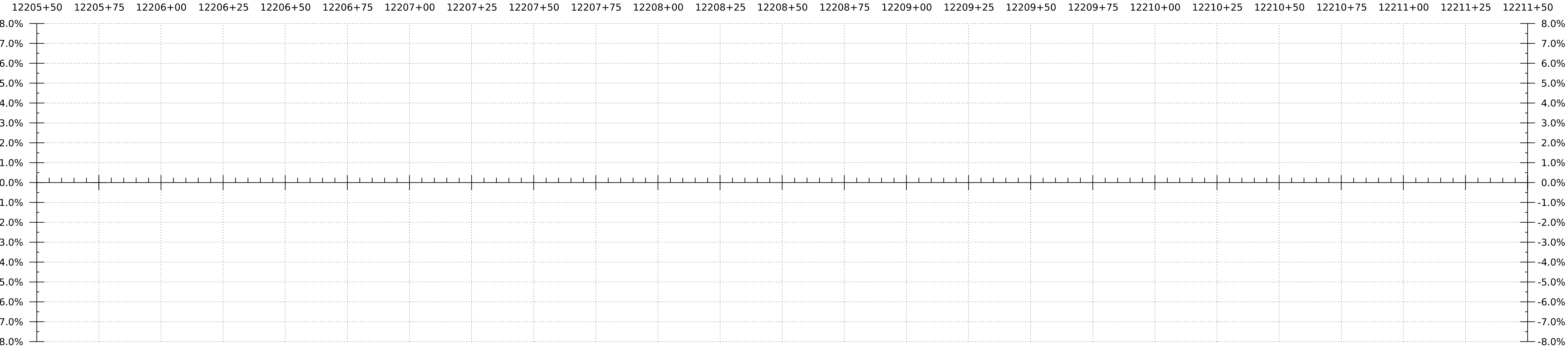
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro-I-91-SB	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91 SB PROFILE SHEET 12		SHEET	78 OF 439



WORKING PLANS FOR REFERENCE ONLY



I-9I SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



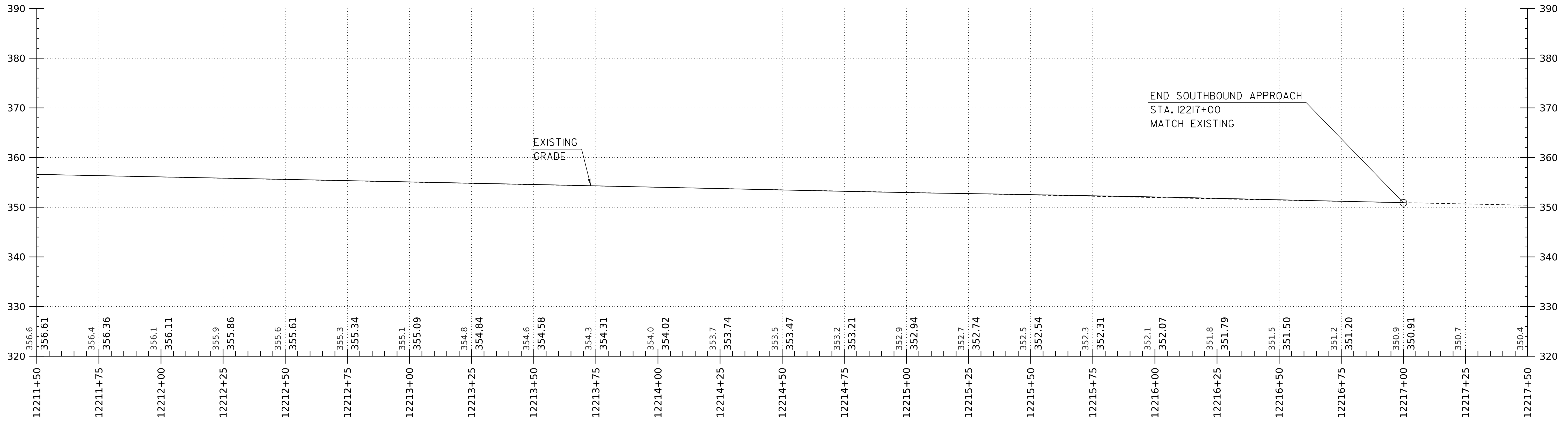
BANKING DIAGRAM - I-9I SB
 HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

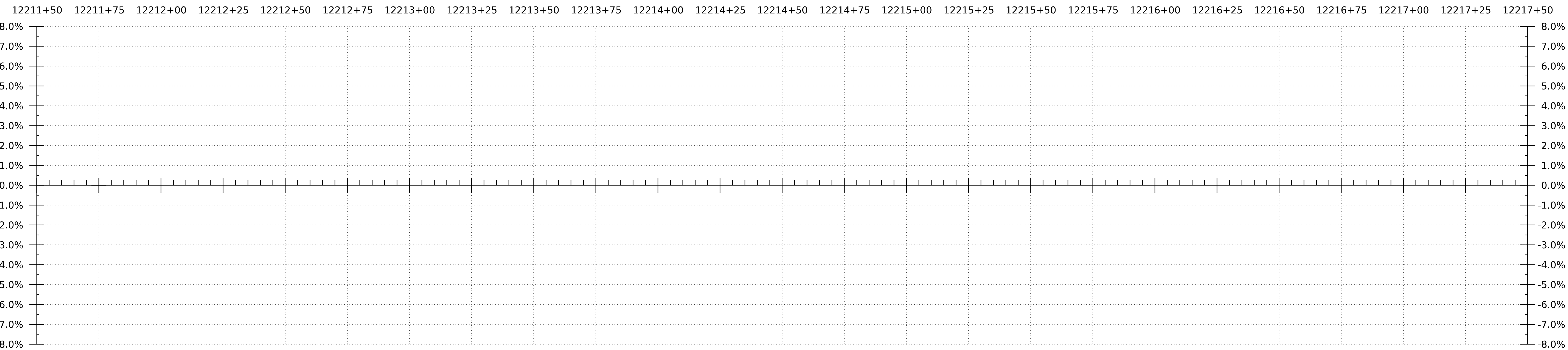
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 09I-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-9I.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 79 OF 439
DESIGNED BY: C. HELMICK	
I-9I SB PROFILE SHEET 13	





I-91 SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



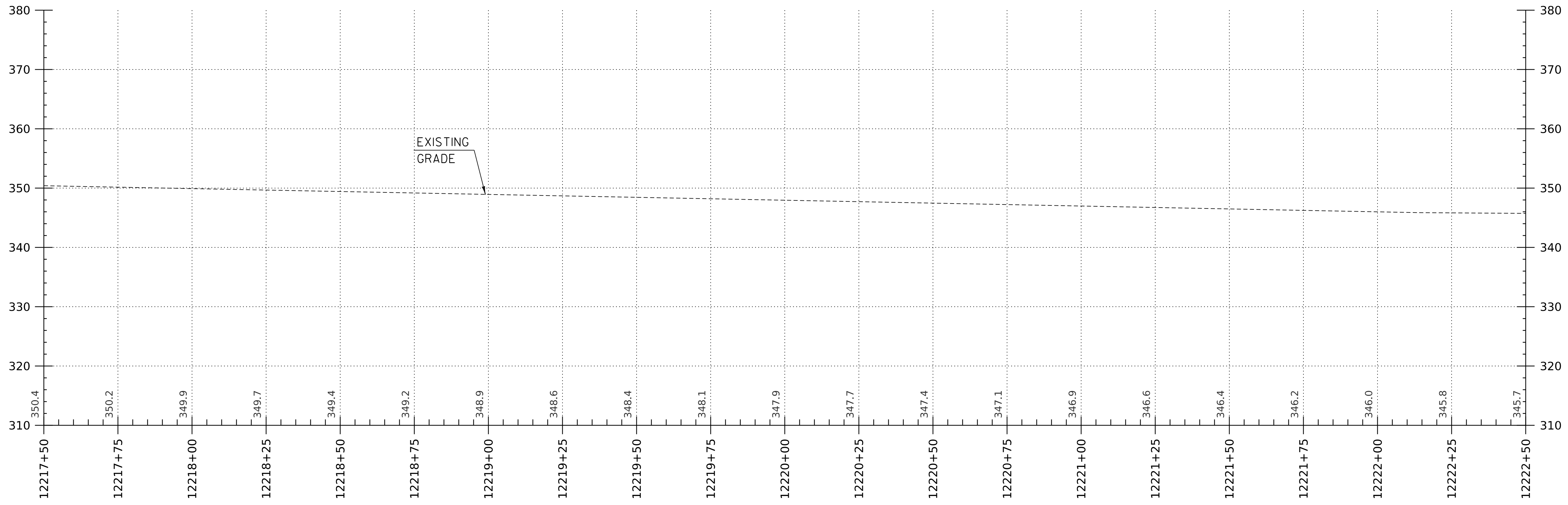
BANKING DIAGRAM - I-91 SB
 HORIZ: 1"=20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

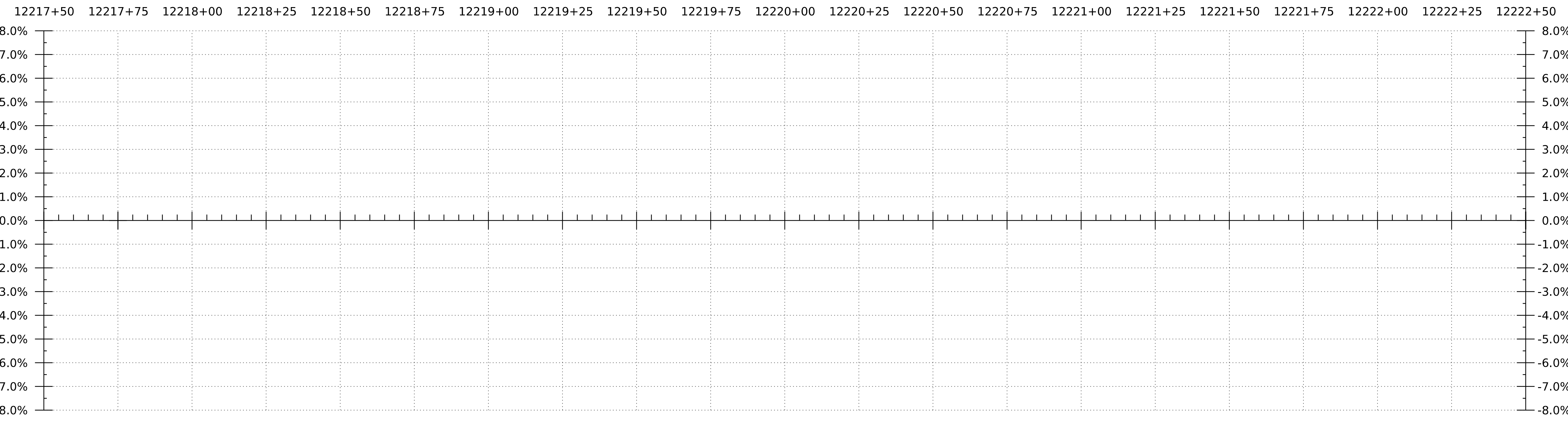
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-91.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 80 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB PROFILE SHEET 14	





I-91 SB PROFILE
 HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



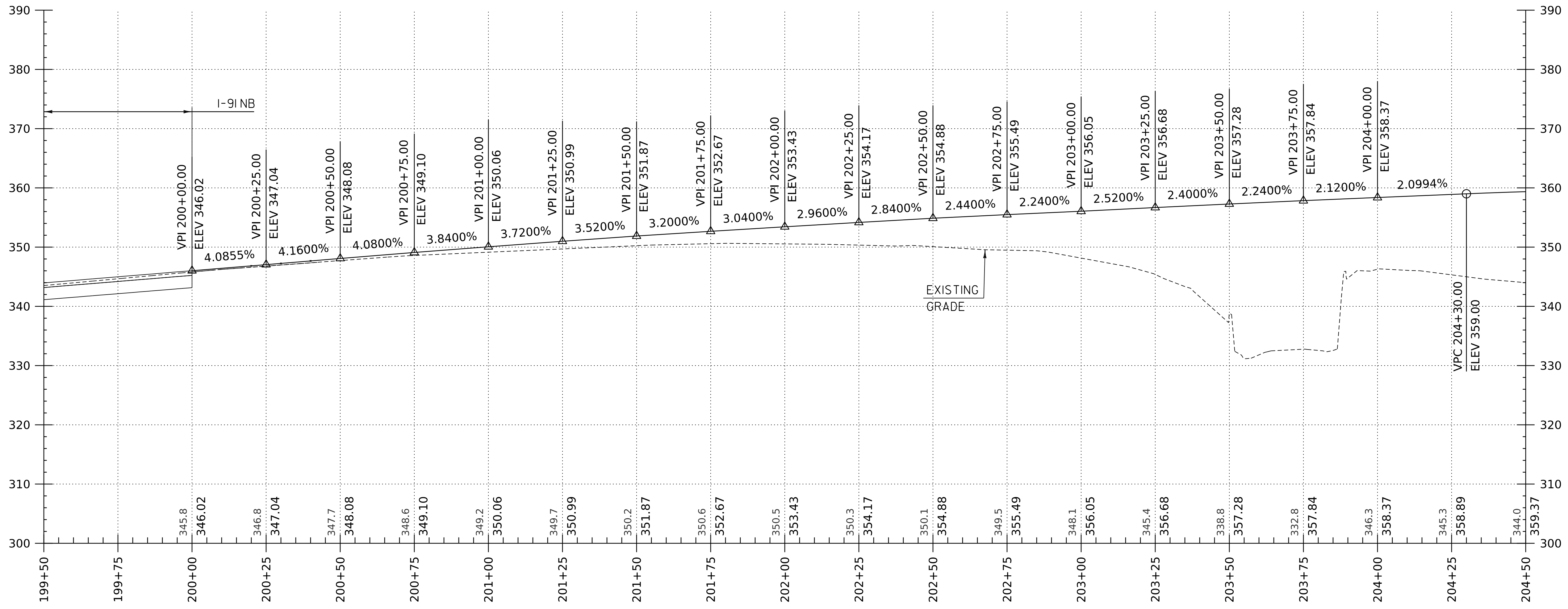
BANKING DIAGRAM - I-91 SB
 HORIZ: 1"=20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY

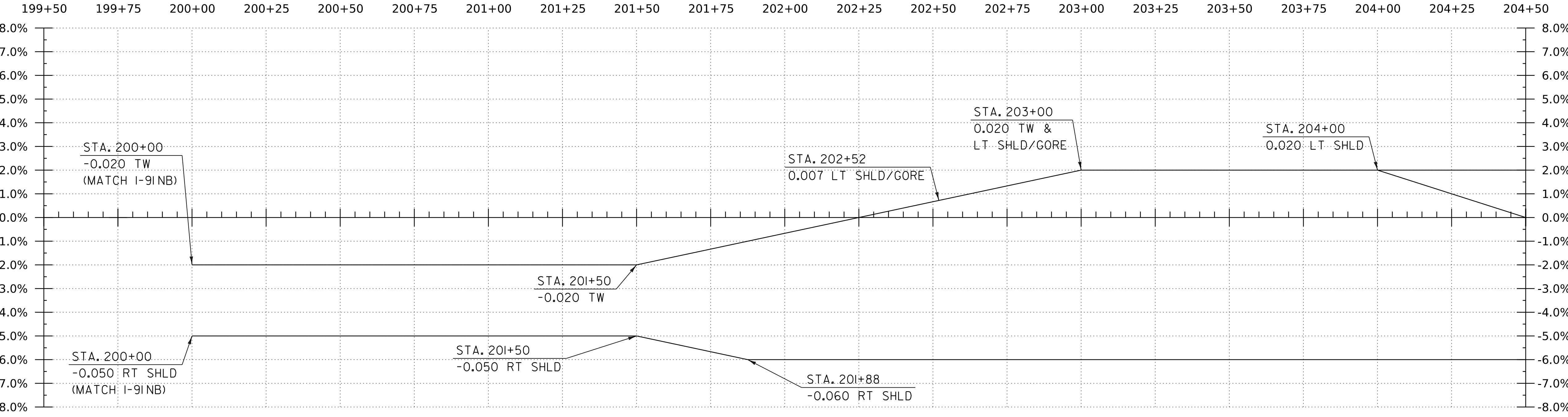
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574pro-I-91.SB	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 81 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB PROFILE SHEET 15	





I-91NB OFF RAMP PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-91NB OFF RAMP

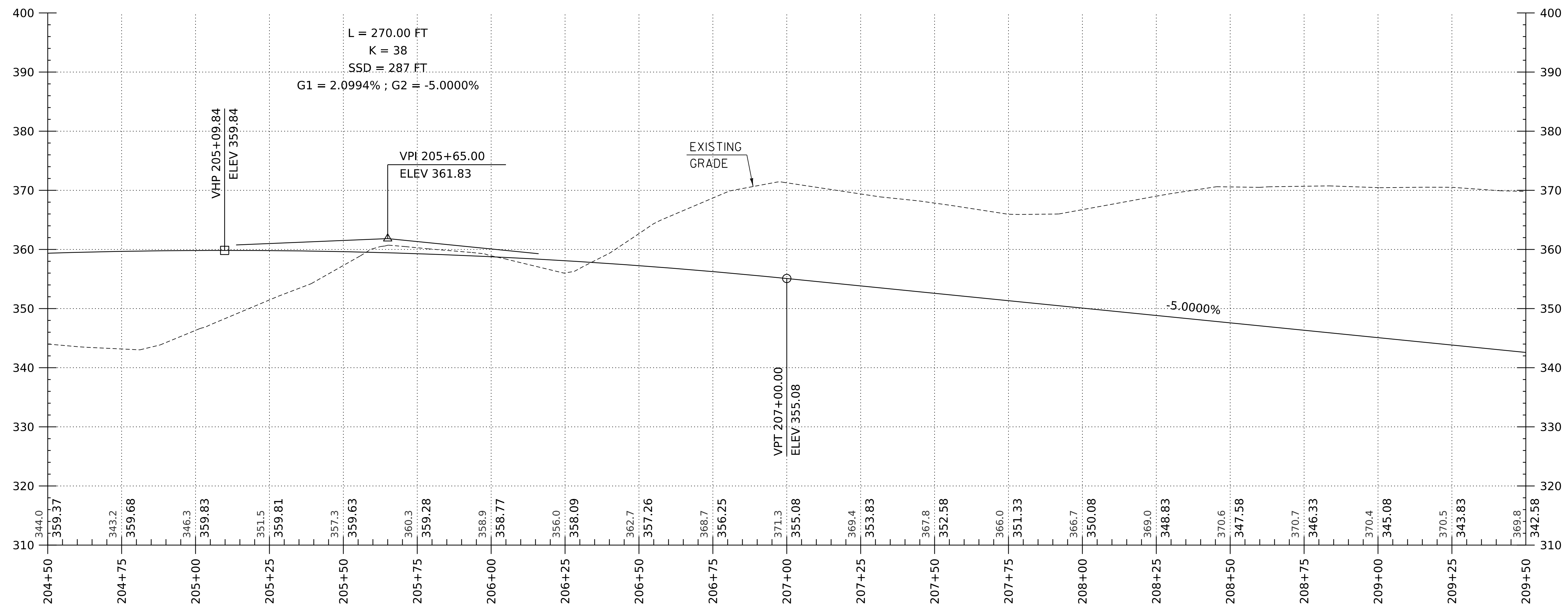
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro.I-91.NB.Off_Ramp	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91 NB OFF RAMP PROFILE SHEET 1		SHEET 82 OF 439	

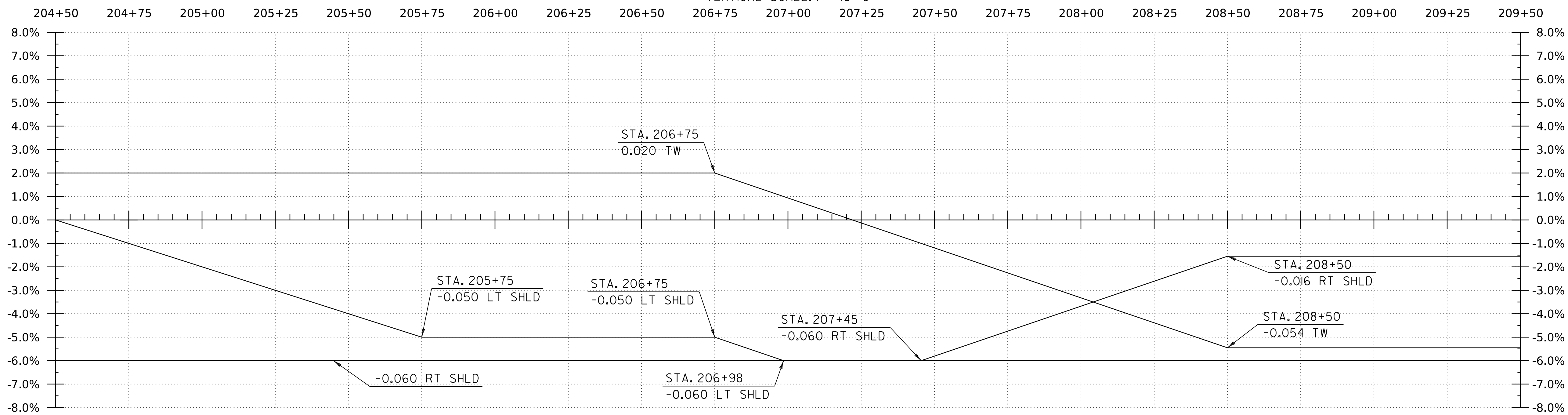


WORKING PLANS FOR REFERENCE ONLY



I-91 NB OFF RAMP PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



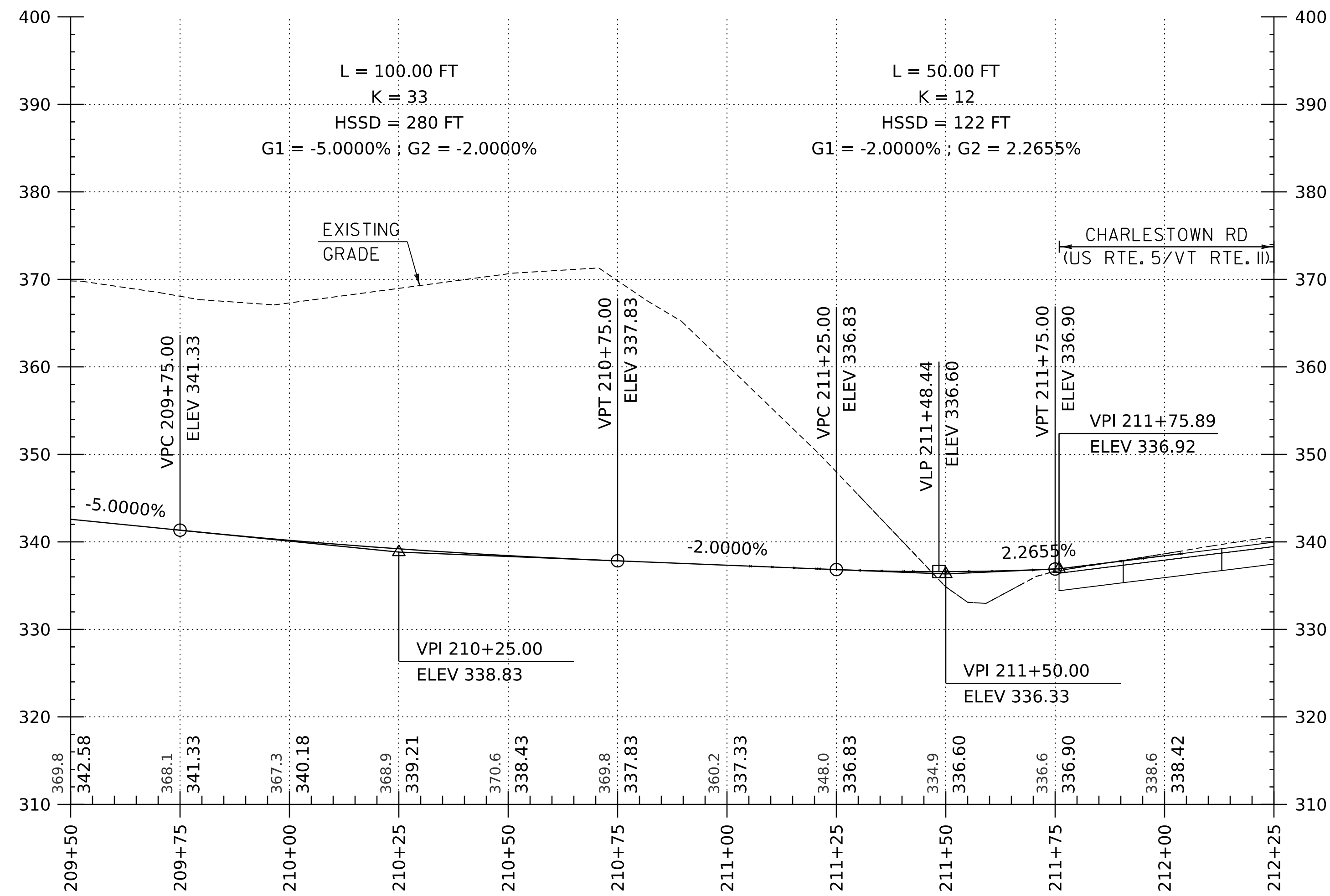
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574pro-I-91-NB.Off_Ramp PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
 DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
 I-91 NB OFF RAMP PROFILE SHEET 2 SHEET 83 OF 439

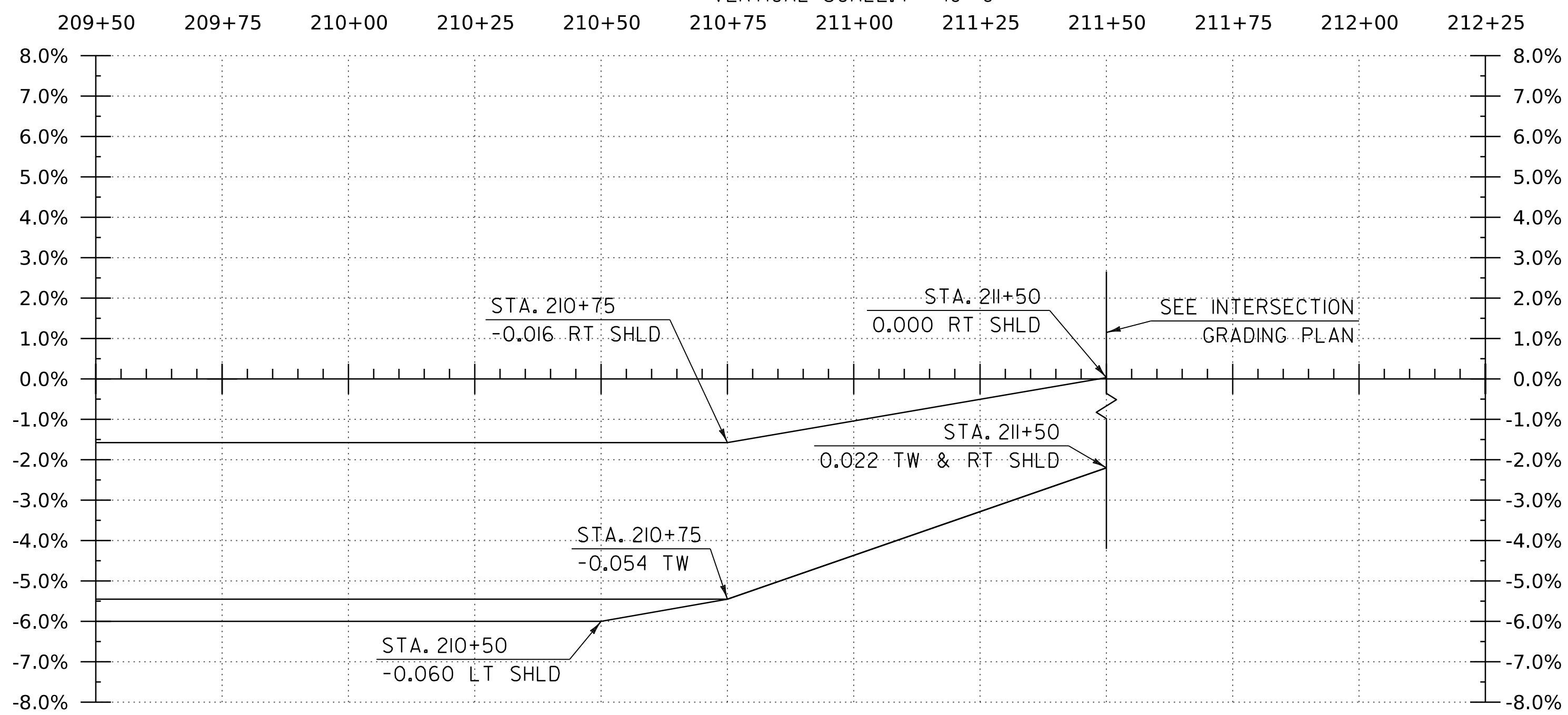


WORKING PLANS FOR REFERENCE ONLY



I-91 NB OFF RAMP PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-91 NB OFF RAMP

HORIZ: 1" = 20'
 NO VERTICAL SCALE

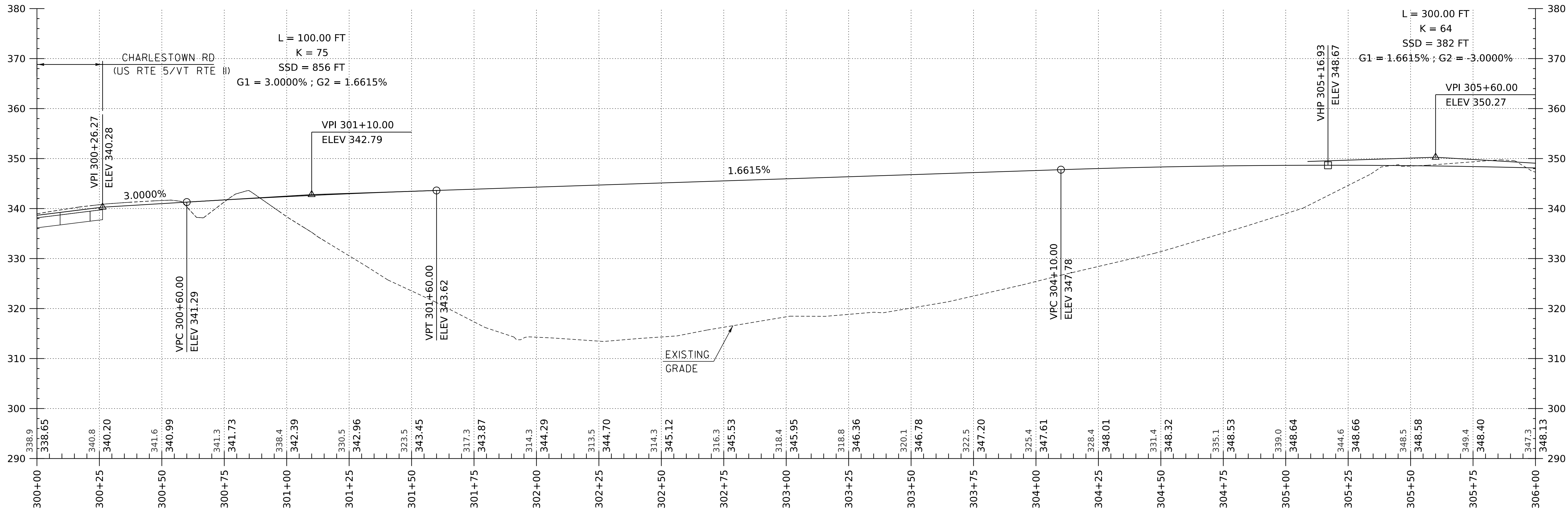
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

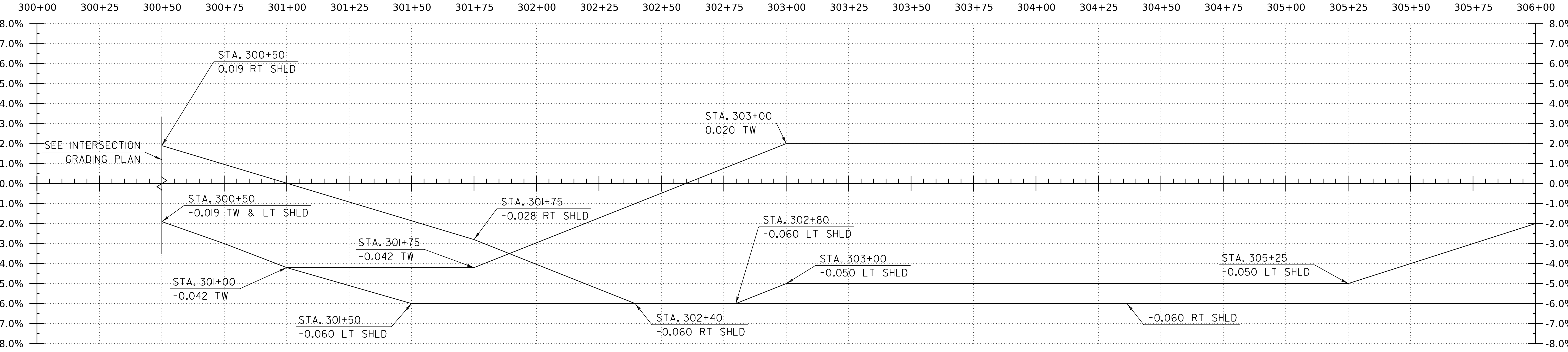
FILE NAME: z12a574pro-I-91.NB.Off_Ramp PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
 DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
 I-91 NB OFF RAMP PROFILE SHEET 3 SHEET 84 OF 439





I-91 NB ON RAMP PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-91 NB ON RAMP

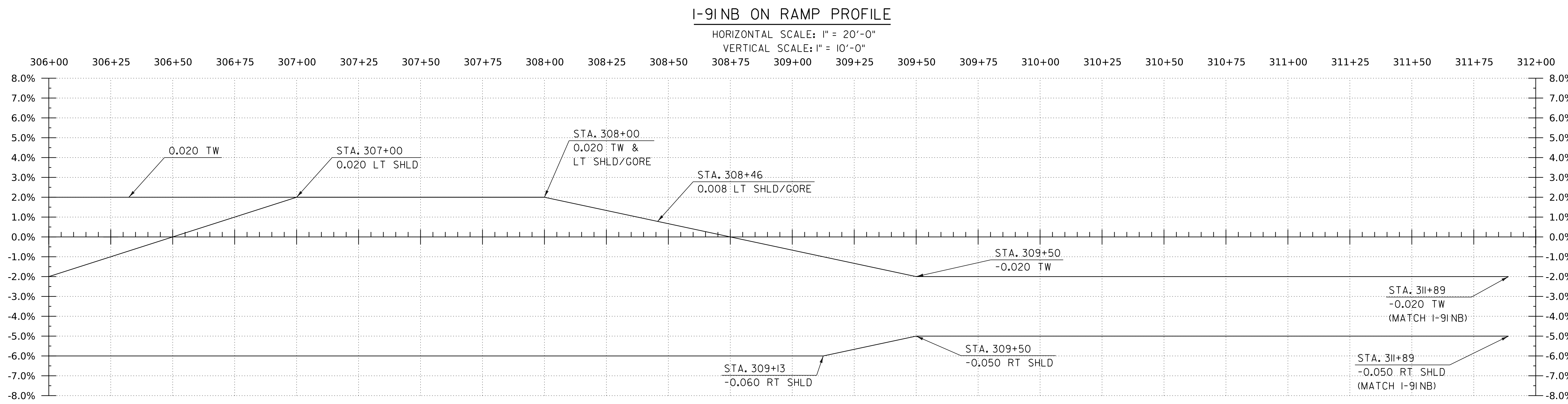
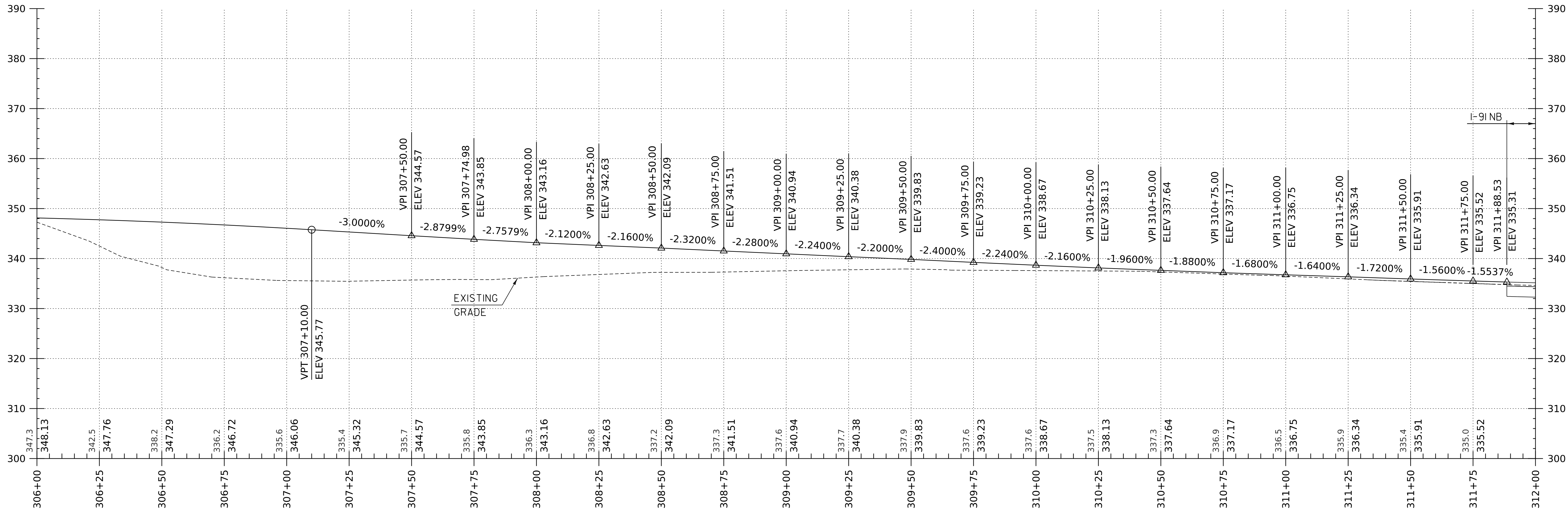
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro_I-91_NB_On_Ramp	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. Olund	DRAWN BY:	C. Helmick
		DESIGNED BY:	C. Helmick	CHECKED BY:	L. DRISCOLL
		I-91 NB ON RAMP PROFILE SHEET 1		SHEET	85 OF 439



WORKING PLANS FOR REFERENCE ONLY

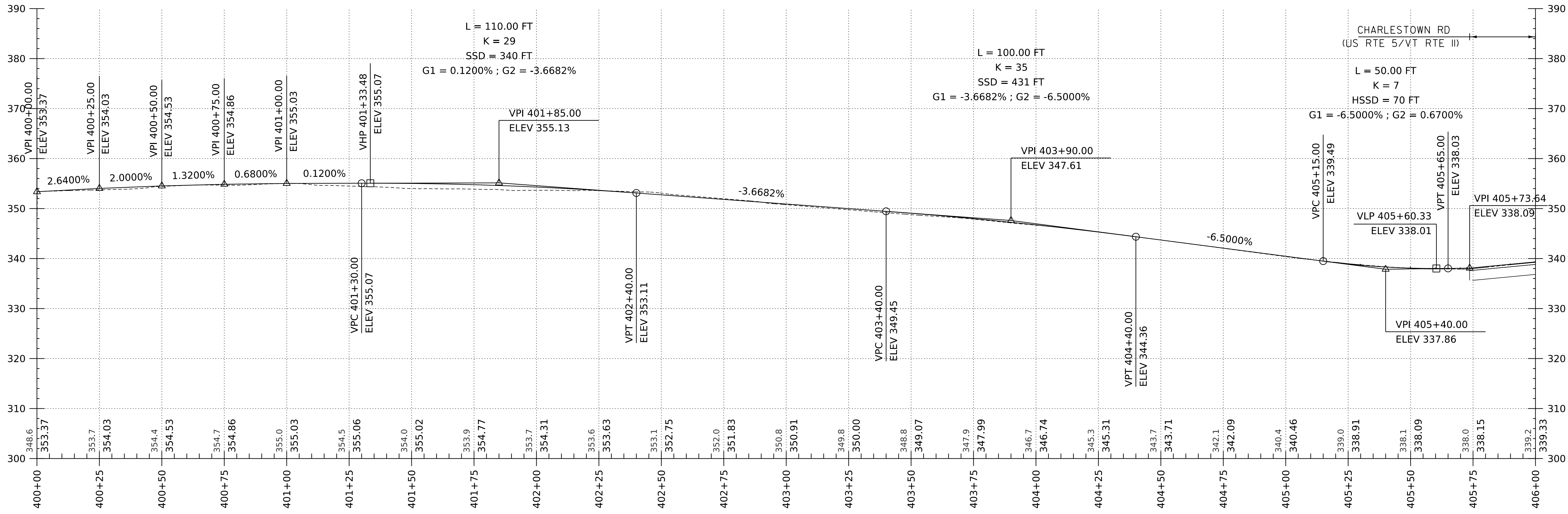


THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.



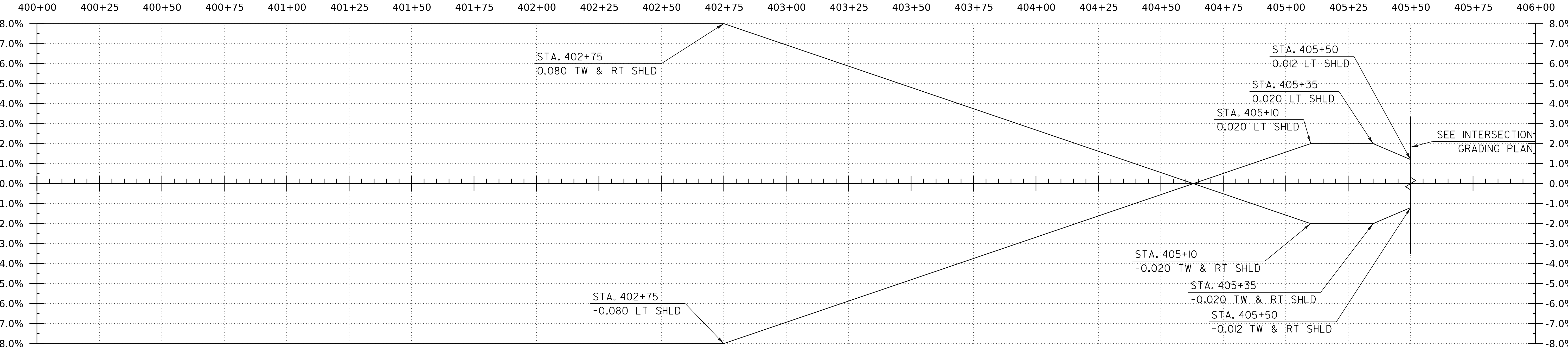
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro_I-91_NB_0n_Ramp	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91 NB ON RAMP PROFILE SHEET 2		SHEET 86 OF 439	

WORKING PLANS FOR REFERENCE ONLY



I-91 SB ON RAMP PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - I-91 SB ON RAMP

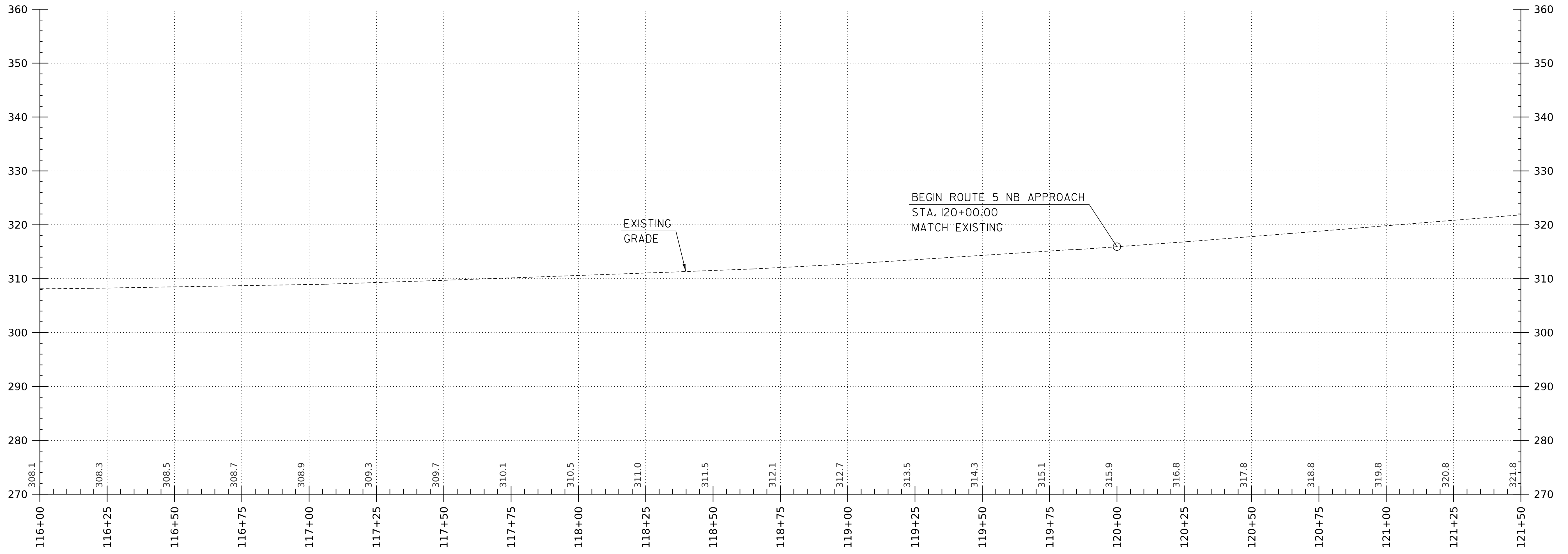
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro_I-91_SB_On_Ramp.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	PROJECT NUMBER	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	C. HELMICK
		I-91 SB ON RAMP PROFILE SHEET I		SHEET	87 OF 439

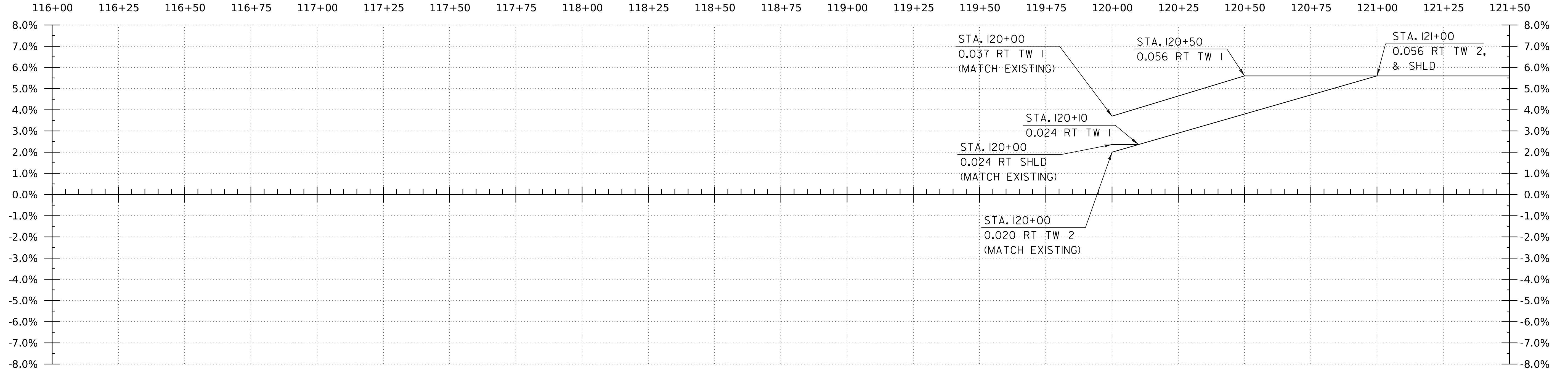


WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN ROAD (US ROUTE 5/VT II) PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - CHARLESTOWN ROAD (US ROUTE 5/VTII)

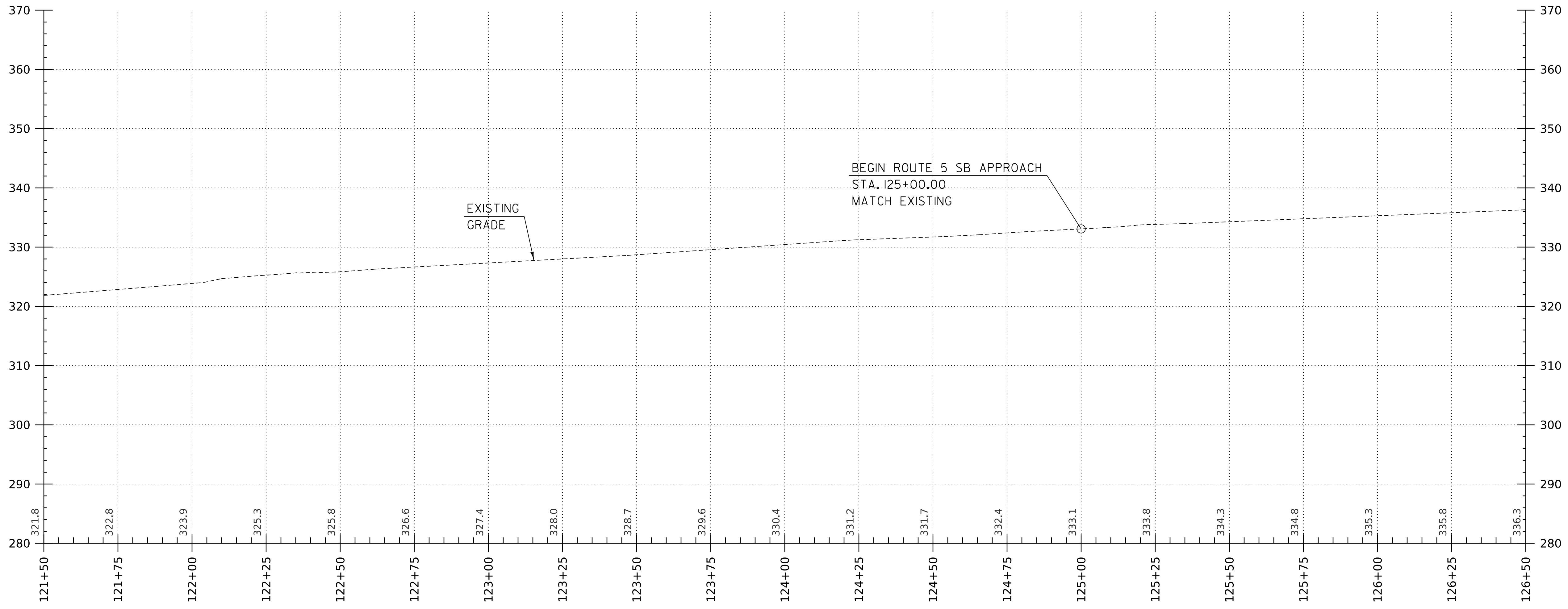
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro.Charlestown_RD	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	88 OF 439
DESIGNED BY:	C. HELMICK		
CHARLESTOWN RD PROFILE SHEET 1			

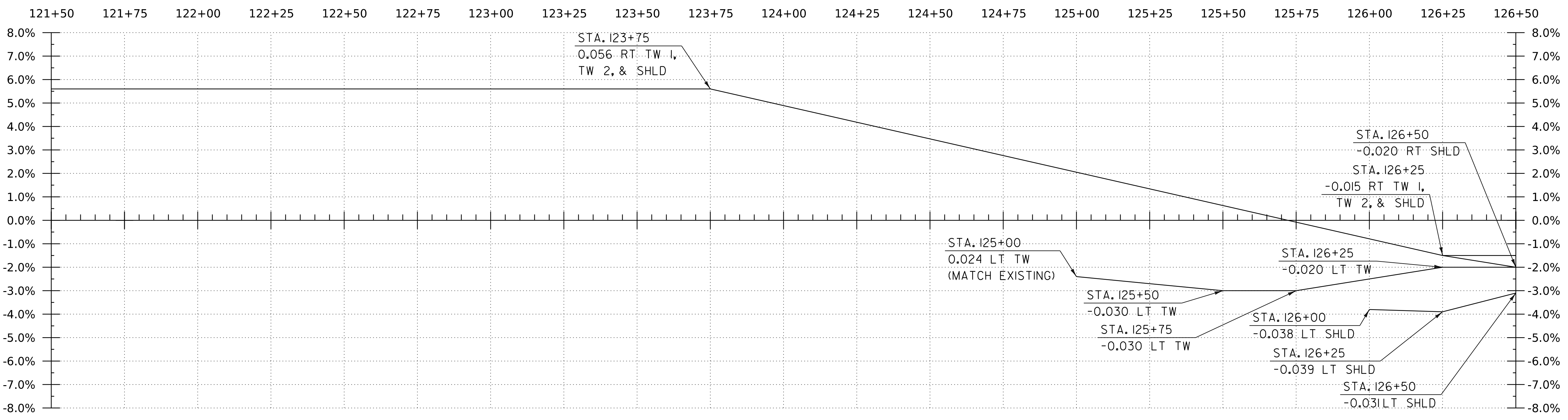


WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN ROAD (US ROUTE 5/VT II) PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - CHARLESTOWN ROAD (US ROUTE 5/VTII)

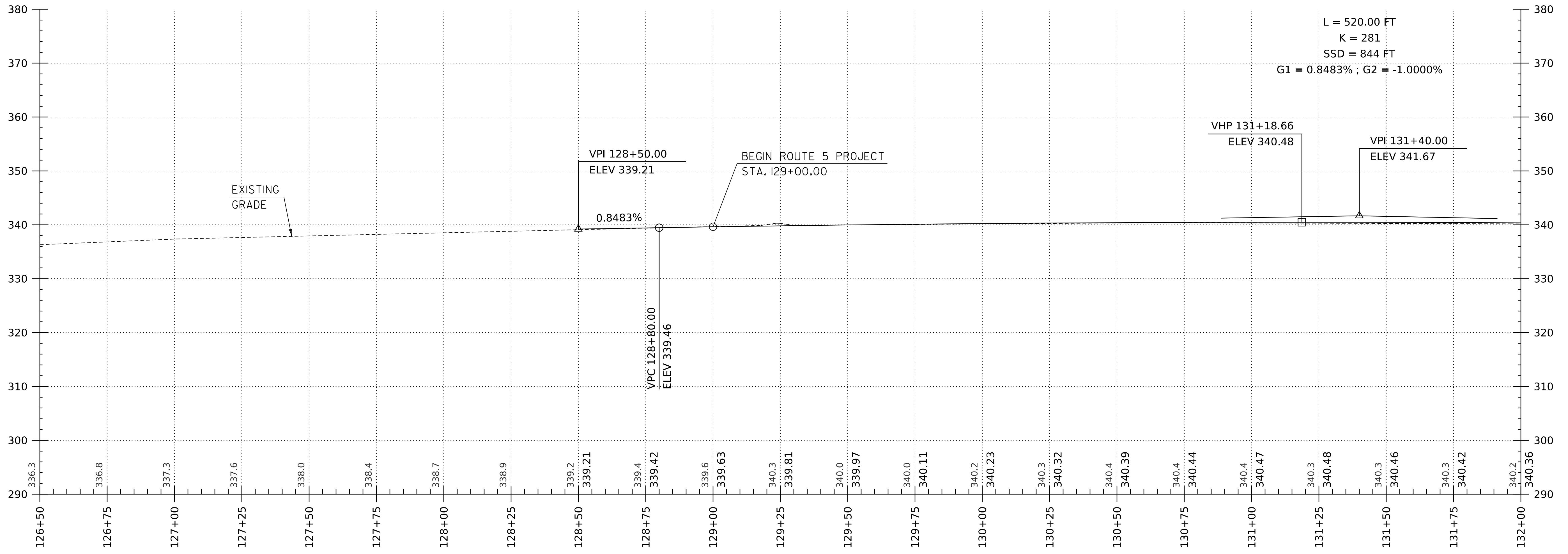
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	9-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro-Charlestown_RD	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	89 OF 439
DESIGNED BY:	C. HELMICK		
CHARLESTOWN RD PROFILE SHEET 2			

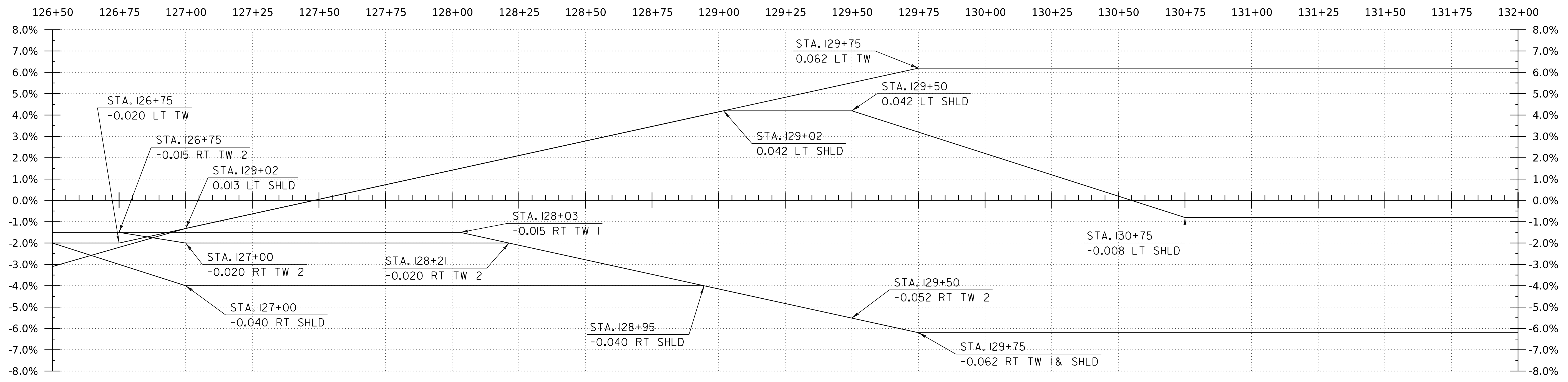


WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN ROAD (US ROUTE 5/VT II) PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - CHARLESTOWN ROAD (US ROUTE 5/VTII)

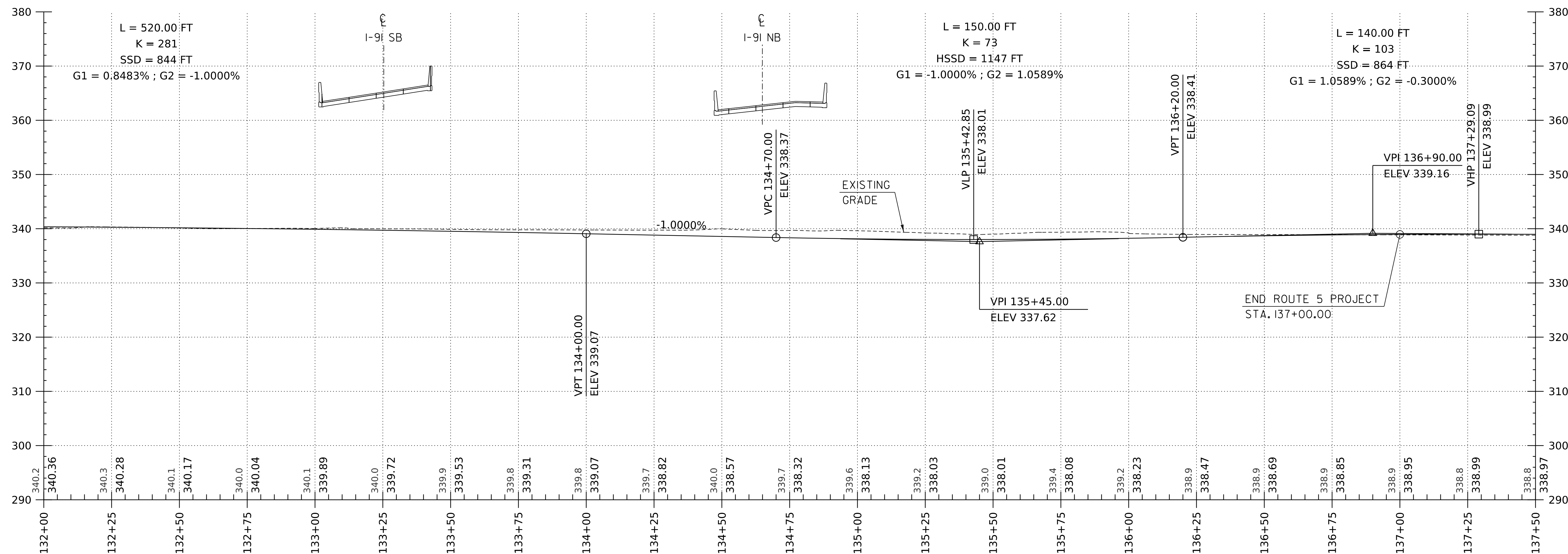
HORIZ: 1" = 20'
 NO VERTICAL SCALE

THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro.Charlestown_RD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		CHARLESTOWN RD PROFILE SHEET 3		SHEET	90 OF 439

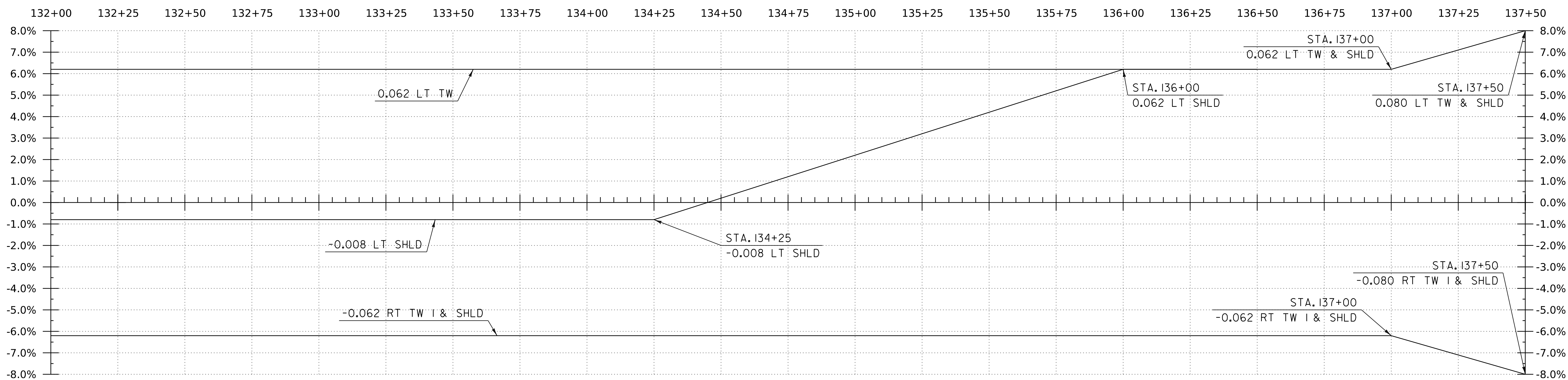


WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN ROAD (US ROUTE 5/VT II) PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"



BANKING DIAGRAM - CHARLESTOWN ROAD (US ROUTE 5/VTII)

HORIZ: 1" = 20'
 NO VERTICAL SCALE

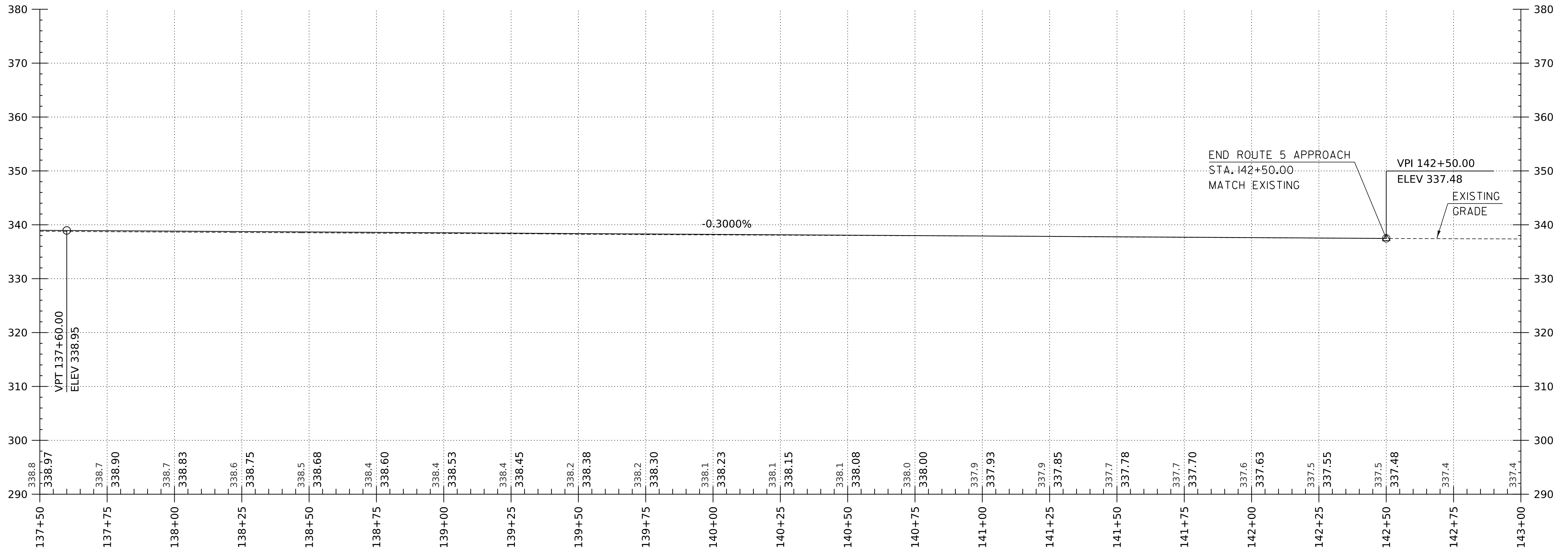
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574pro.Charlestown_RD PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
 DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
 CHARLESTOWN RD PROFILE SHEET 4 SHEET 91 OF 439



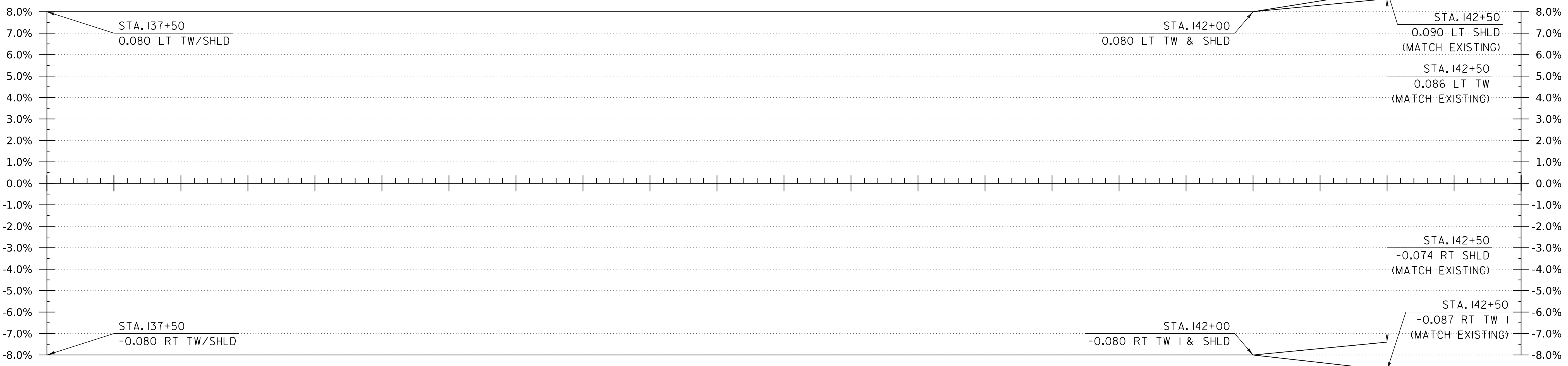
WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN ROAD (US ROUTE 5/VT II) PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
 VERTICAL SCALE: 1" = 10'-0"

137+50 137+75 138+00 138+25 138+50 138+75 139+00 139+25 139+50 139+75 140+00 140+25 140+50 140+75 141+00 141+25 141+50 141+75 142+00 142+25 142+50 142+75 143+00



BANKING DIAGRAM - CHARLESTOWN ROAD (US ROUTE 5/VTII)

HORIZ: 1" = 20'
 NO VERTICAL SCALE

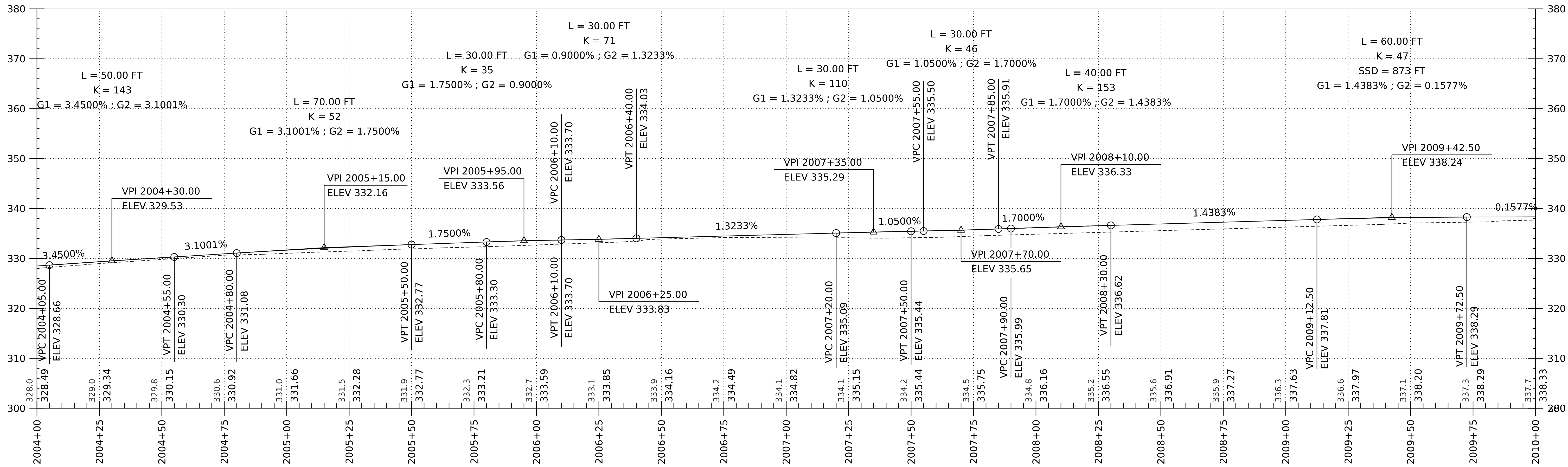
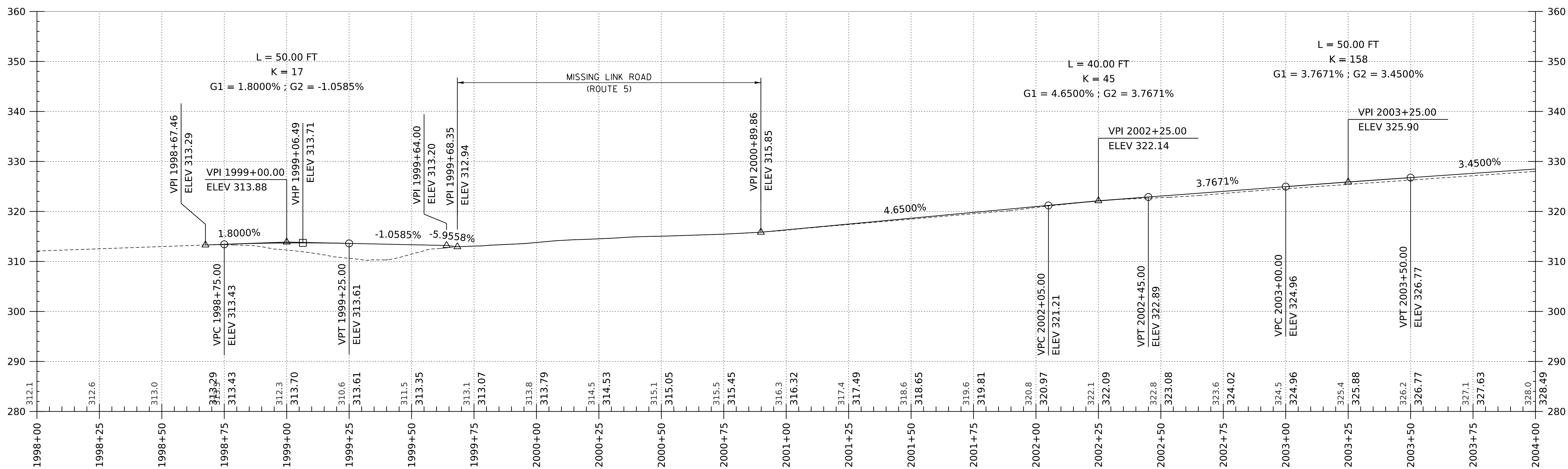
THE GRADES SHOWN TO THE TENTH ARE THE EXISTING GROUND ELEVATIONS ALONG THE NEW ALIGNMENT. THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574pro.Charlestown_RD	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	92 OF 439
DESIGNED BY:	C. HELMICK	CHARLESTOWN RD PROFILE SHEET 5	

WORKING PLANS FOR REFERENCE ONLY



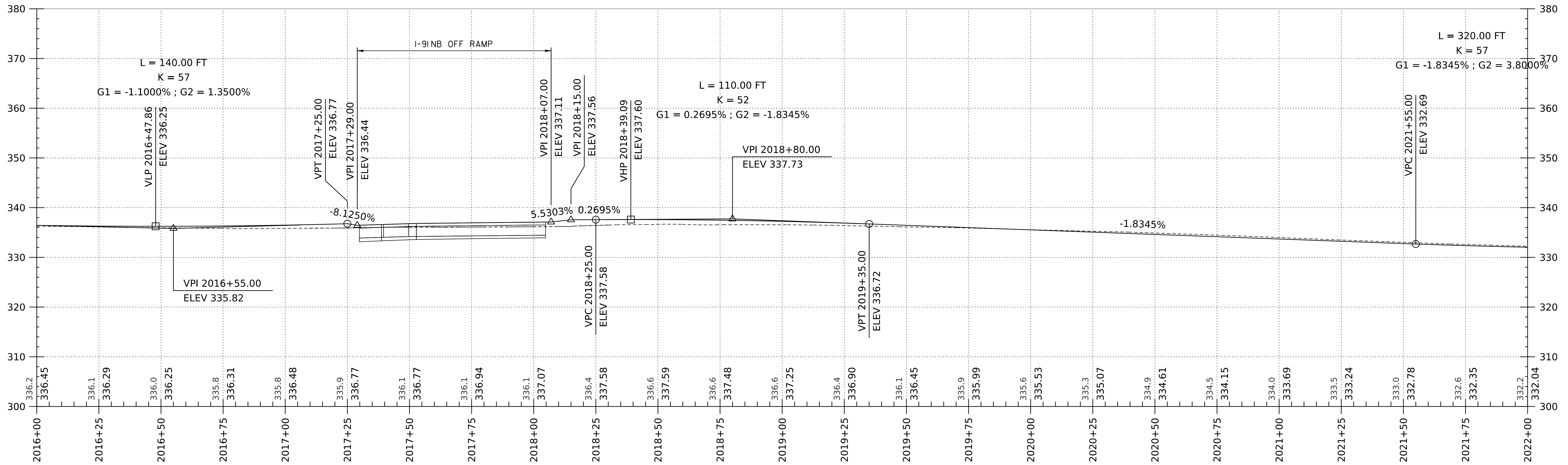
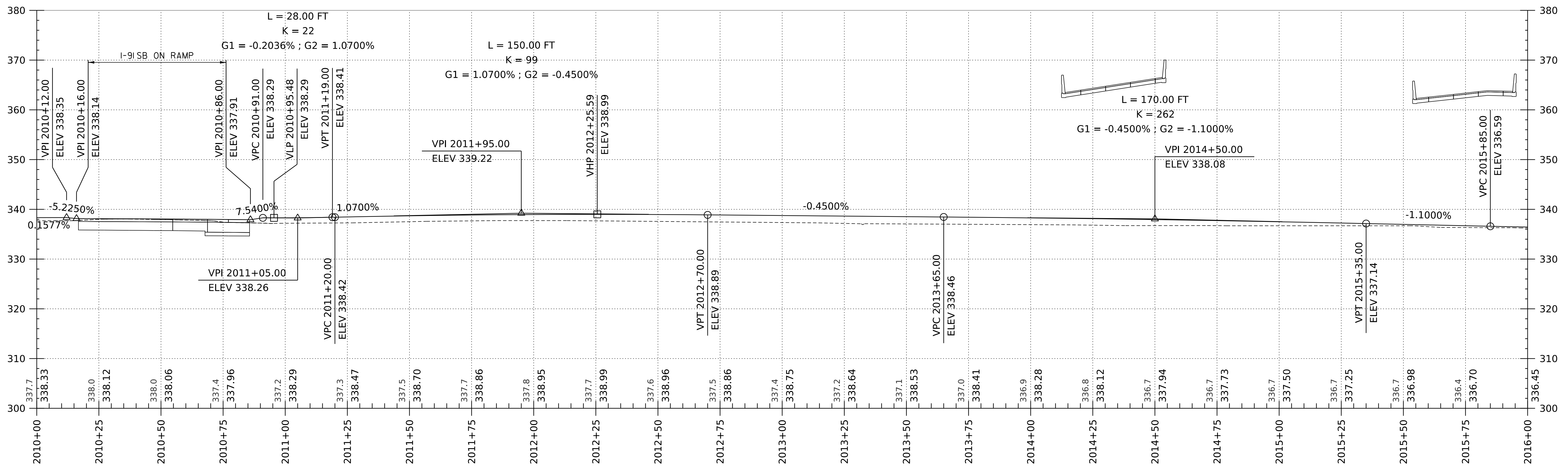
SHARED USE PATH PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
VERTICAL SCALE: 1" = 10'-0"

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574pro_SUP.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	E. RAYMOND
SHARED USE PATH PROFILE SHEET I	
PLOT DATE:	8-JUN-2023
DRAWN BY:	E. RAYMOND
CHECKED BY:	C. HELMICK
SHEET	93 OF 439



WORKING PLANS FOR REFERENCE ONLY



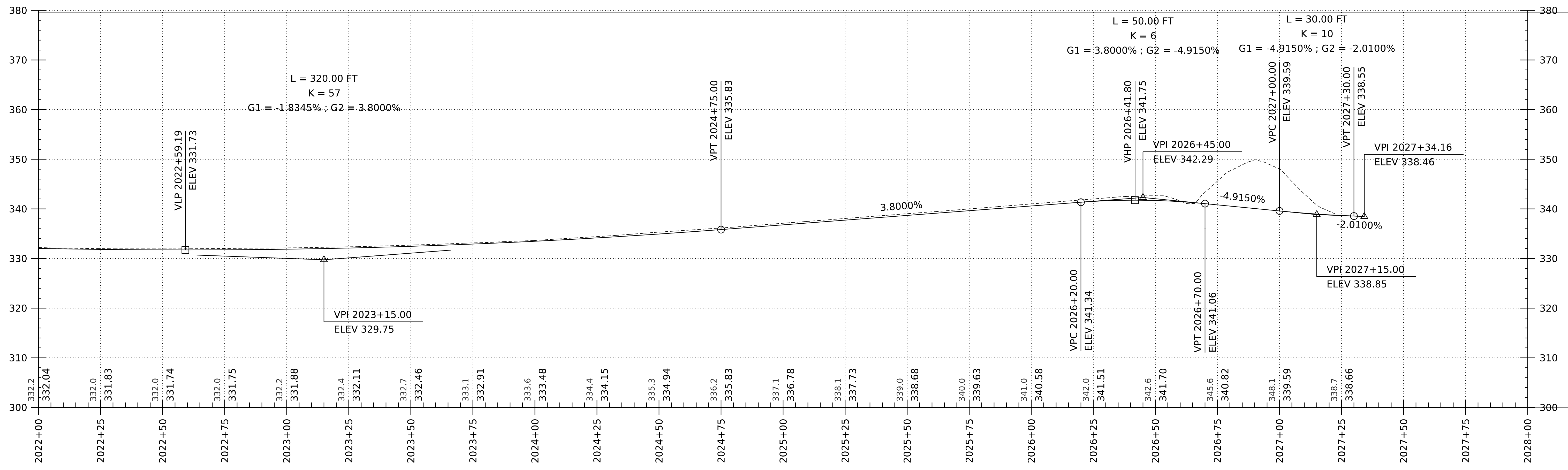
SHARED USE PATH PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
VERTICAL SCALE: 1" = 10'-0"

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574pro_SUP.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	E. RAYMOND
		DESIGNED BY:	E. RAYMOND	CHECKED BY:	C. HELMICK
		SHARED USE PATH PROFILE SHEET 2		SHEET	94 OF 439



WORKING PLANS FOR REFERENCE ONLY

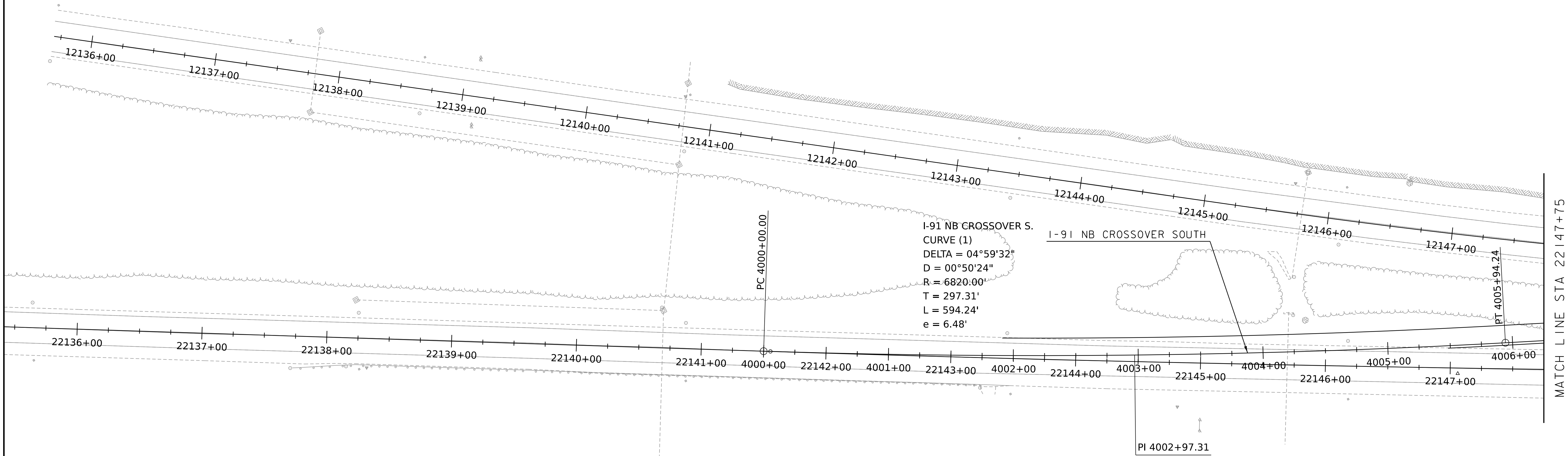
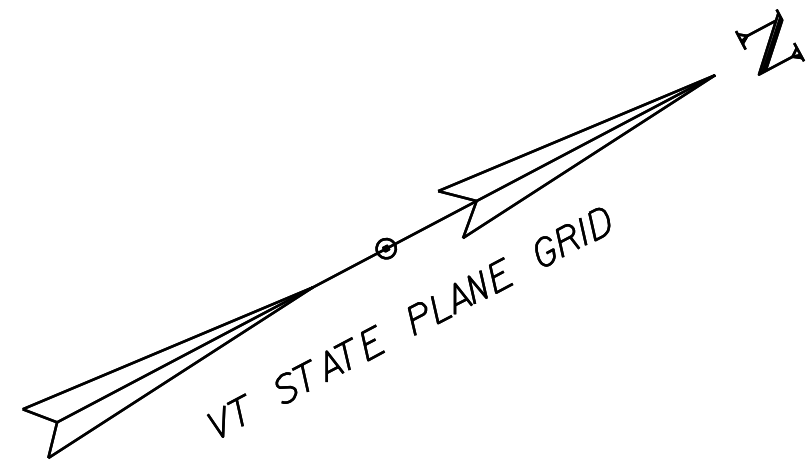


SHARED USE PATH PROFILE

HORIZONTAL SCALE: 1" = 20'-0"
VERTICAL SCALE: 1" = 10'-0"

PROJECT NAME:	SPRINGFIELD	FILE NAME:	ppms#/Section/-----,dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	-----
		DESIGNED BY:	-----	CHECKED BY:	-----
		PROFILE SHEET		SHEET	95 OF 439





WORKING PLANS FOR REFERENCE ONLY

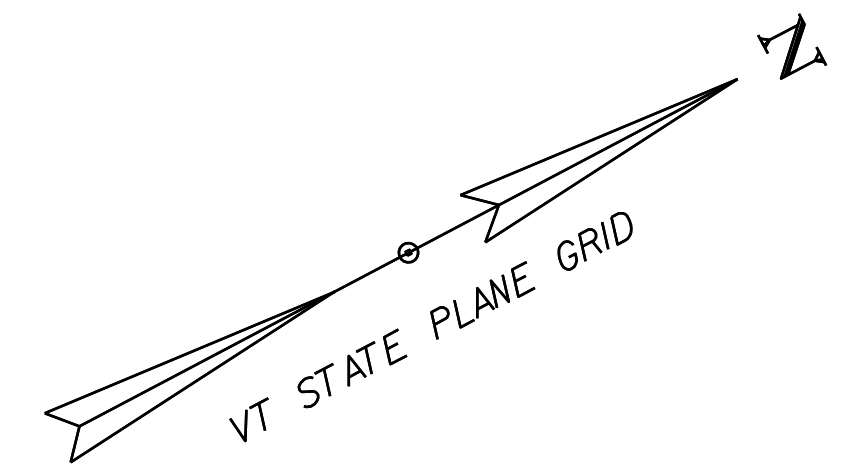
MATCH LINE STA 22147+75

I-91 NORTHBOUND TRAFFIC CONTROL PLAN

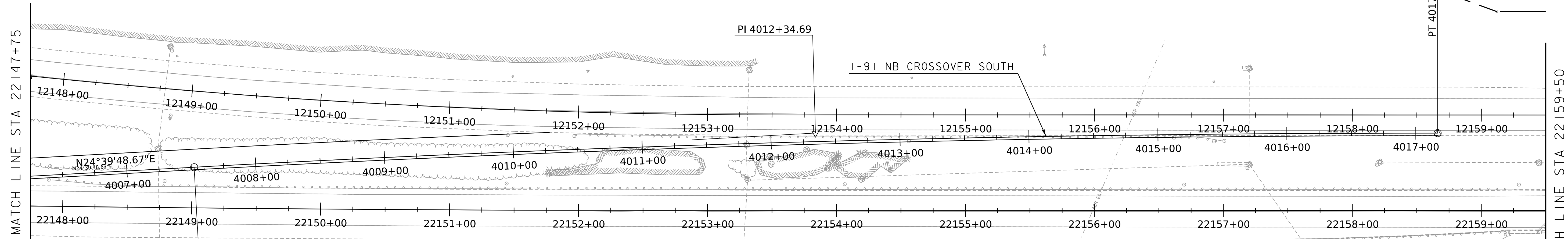
SCALE 1" = 40'-0"
 40 0 40



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. TOBIN
FILE NAME: z12a574bdr_I-91.TCP_Stage2	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 96 OF 439
DESIGNED BY: C. HELMICK	
I-91 NORTHBOUND TCP SHEET 1	



I-91 NB CROSSOVER S.
 CURVE (2)
 DELTA = 03°09'30"
 D = 00°19'39"
 R = 17500.00'
 T = 482.46'
 L = 964.68'
 e = 6.65'



WORKING PLANS FOR REFERENCE ONLY

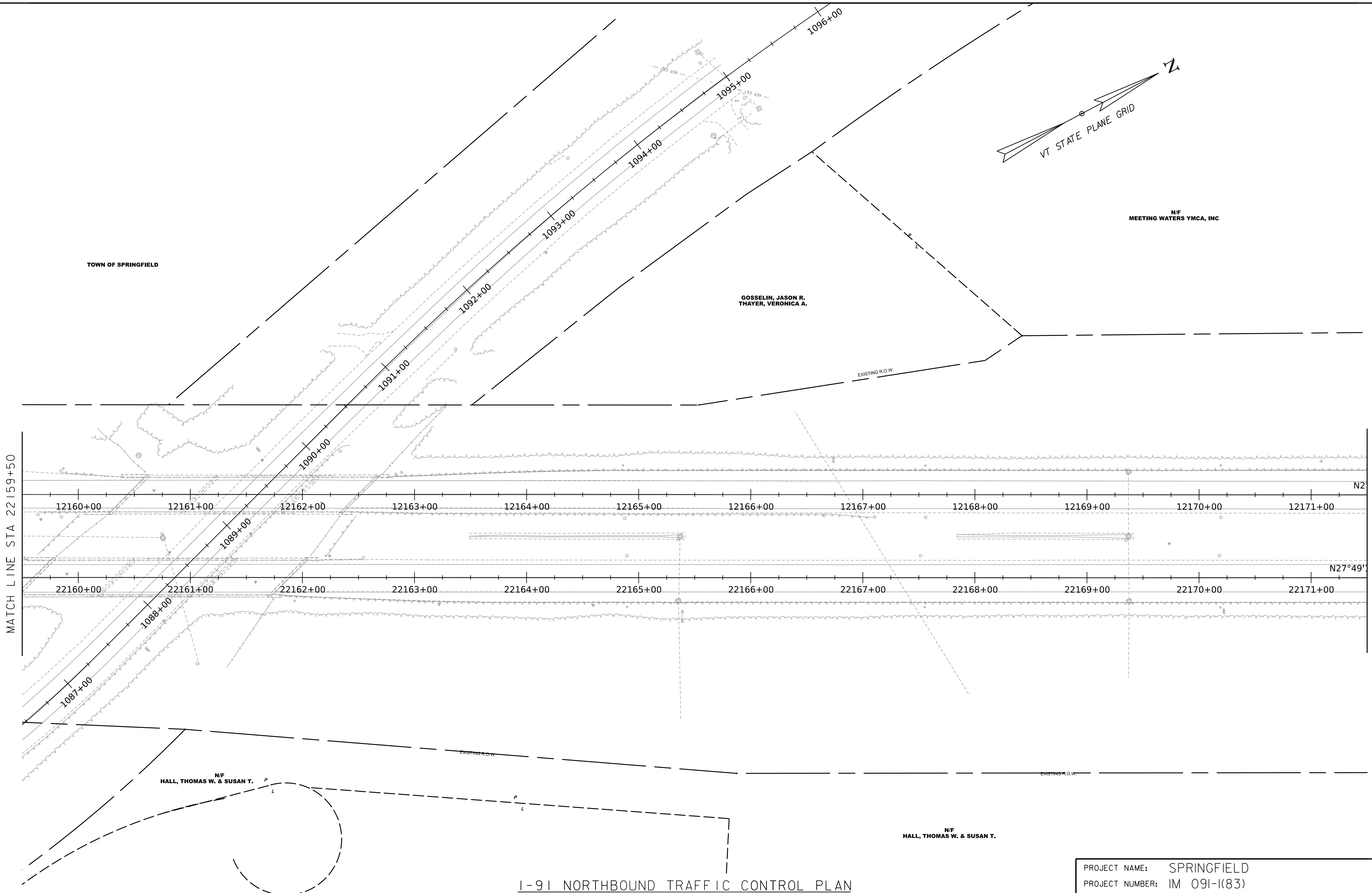
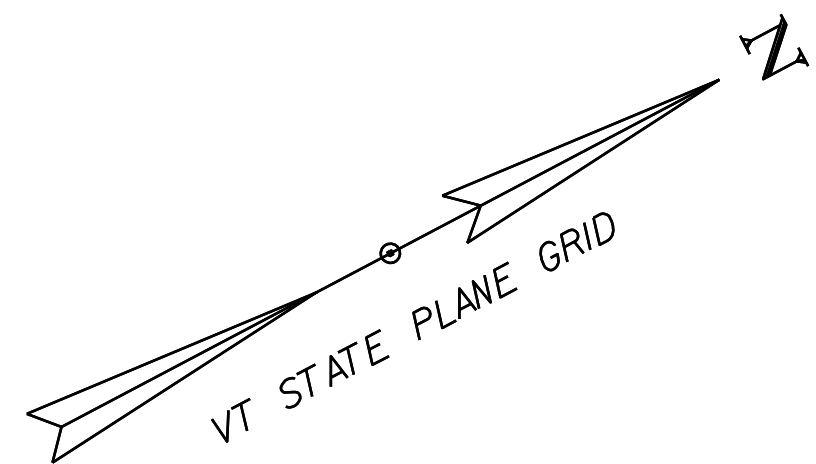
I-91 NORTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40'-0"
 40 0 40



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_I-91.TCP_Stage2	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NORTHBOUND TCP SHEET 2		SHEET 97 OF 439

WORKING PLANS FOR REFERENCE ONLY



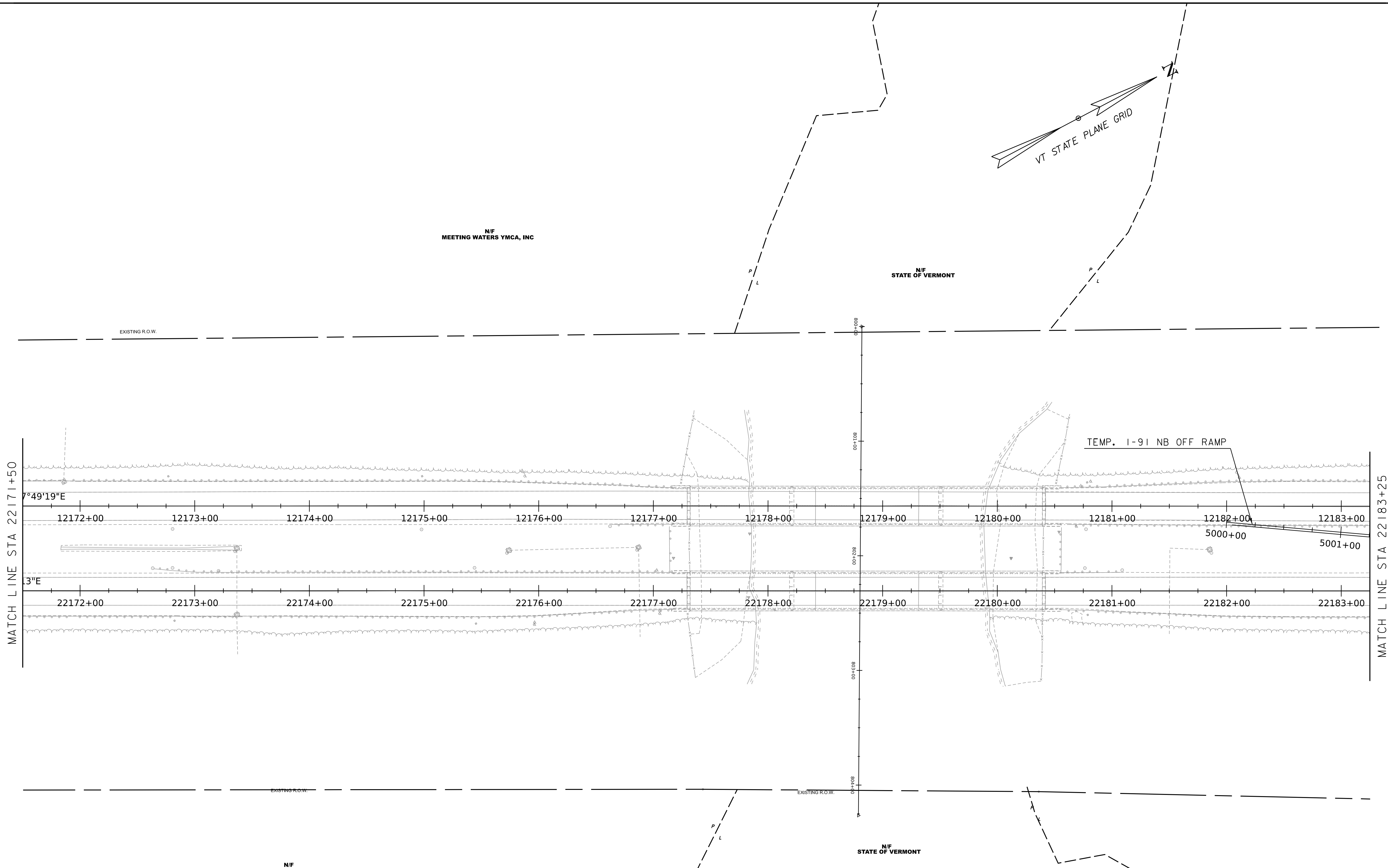
I-91 NORTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40'-0"
40 0 40



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage2	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	98 OF 439
DESIGNED BY:	C. HELMICK		
I-91 NORTHBOUND TCP SHEET 3			

WORKING PLANS FOR REFERENCE ONLY

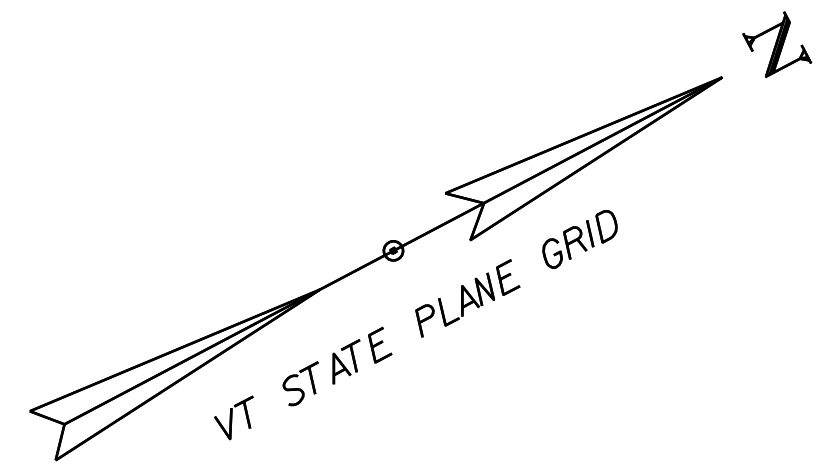


I-91 NORTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage2	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	I-91 NORTHBOUND TCP SHEET 4	SHEET 99 OF 439

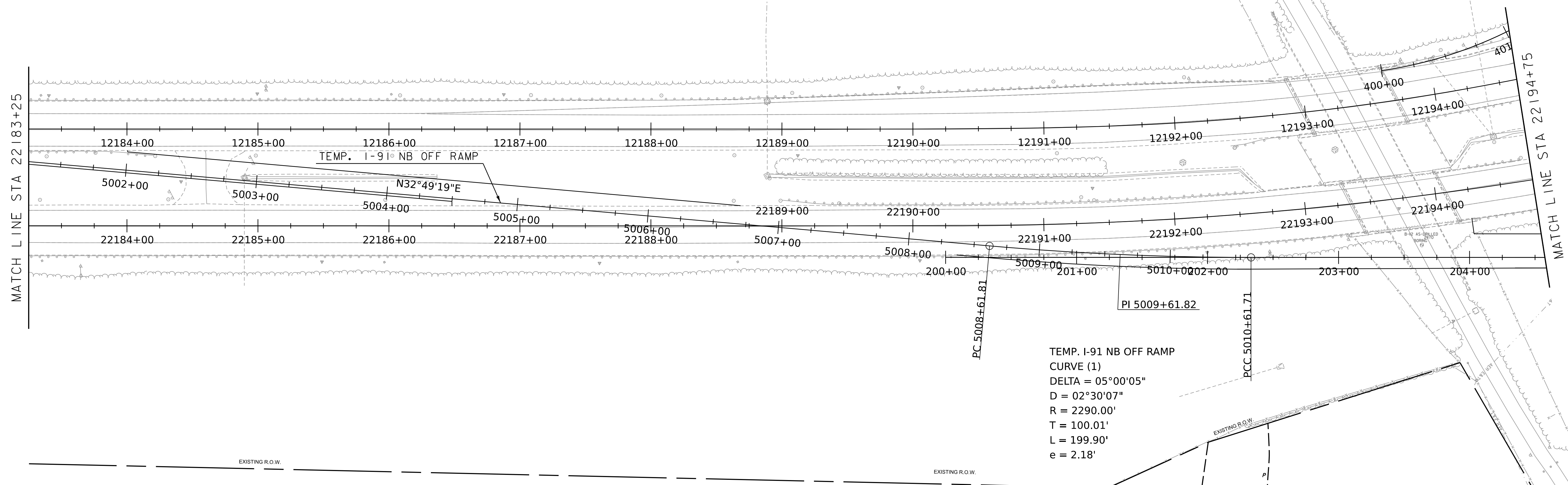


N/F
STATE OF VERMONT

N/F
IRVING OIL LIMITED

EXISTING R.O.W.

EXISTING R.O.W.



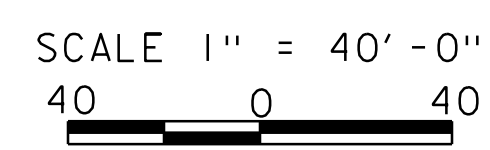
TEMP. I-91 NB OFF RAMP
CURVE (1)
DELTA = 05°00'05"
D = 02°30'07"
R = 2290.00'
T = 100.01'
L = 199.90'
e = 2.18'

N/F
STATE OF VERMONT, AGENCY OF NATURAL RESOURCES

N/F
HERITAGE HOLDINGS LP

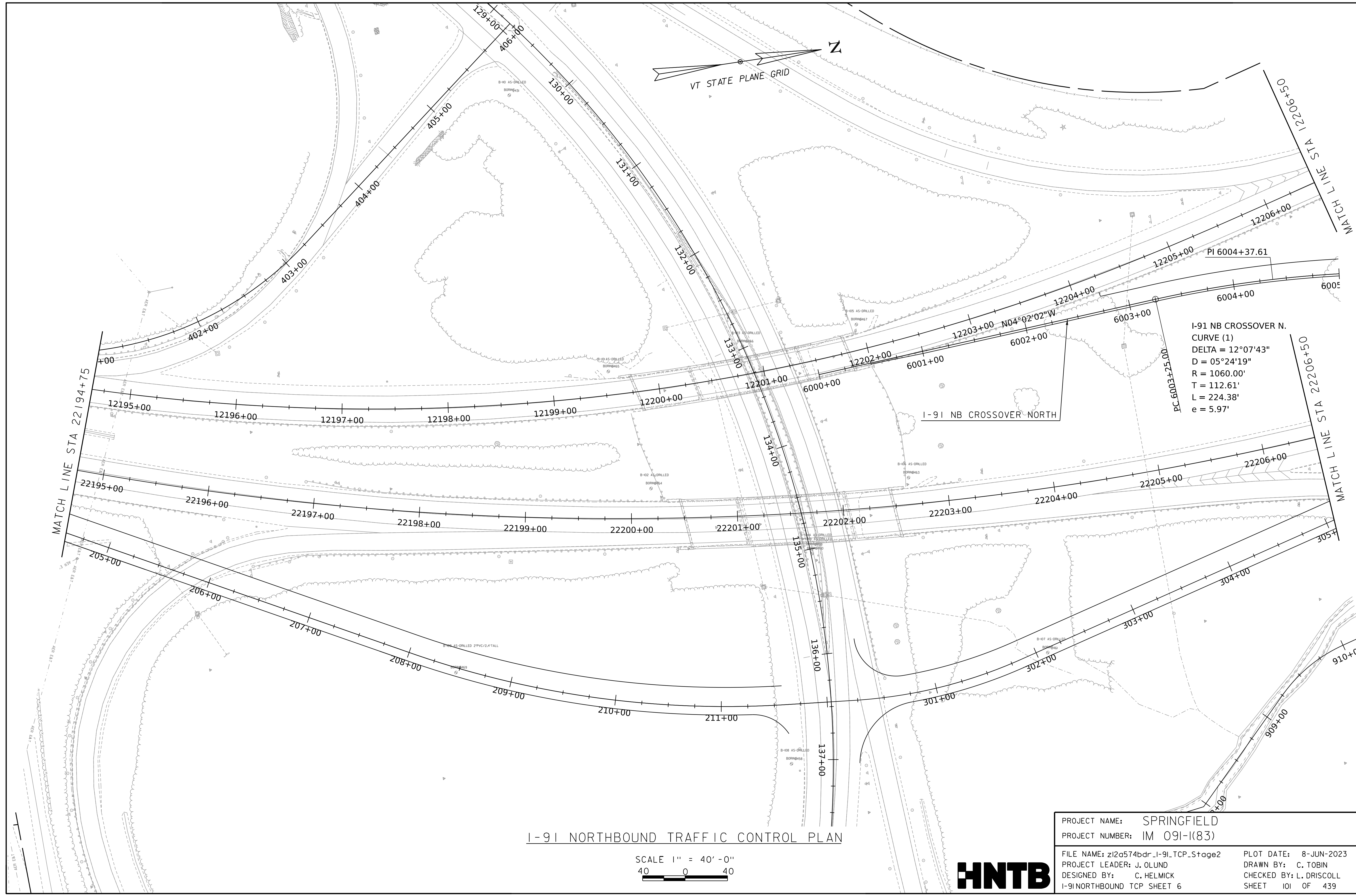
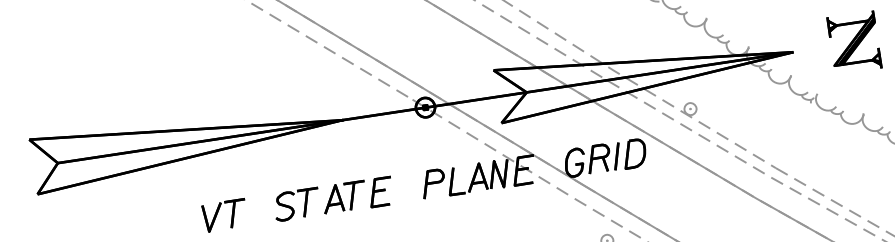
WORKING PLANS FOR REFERENCE ONLY

I-91 NORTHBOUND TRAFFIC CONTROL PLAN



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_I-91.TCP_Stage2	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NORTHBOUND TCP SHEET 5		SHEET 100 OF 439

WORKING PLANS FOR REFERENCE ONLY



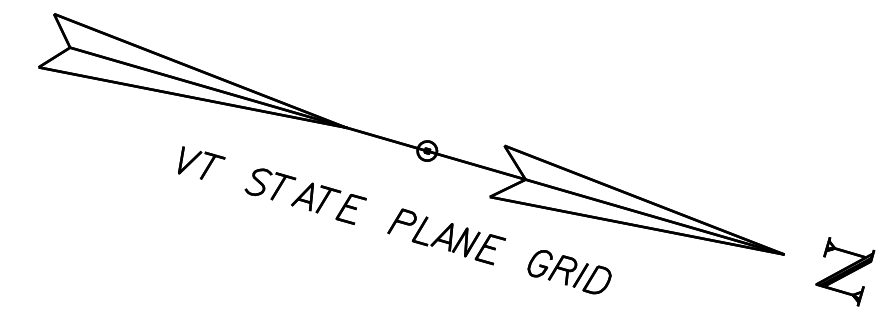
I-91 NB CROSSOVER N.
 CURVE (1)
 DELTA = 12°07'43"
 D = 05°24'19"
 R = 1060.00'
 T = 112.61'
 L = 224.38'
 e = 5.97'

I-91 NORTHBOUND TRAFFIC CONTROL PLAN

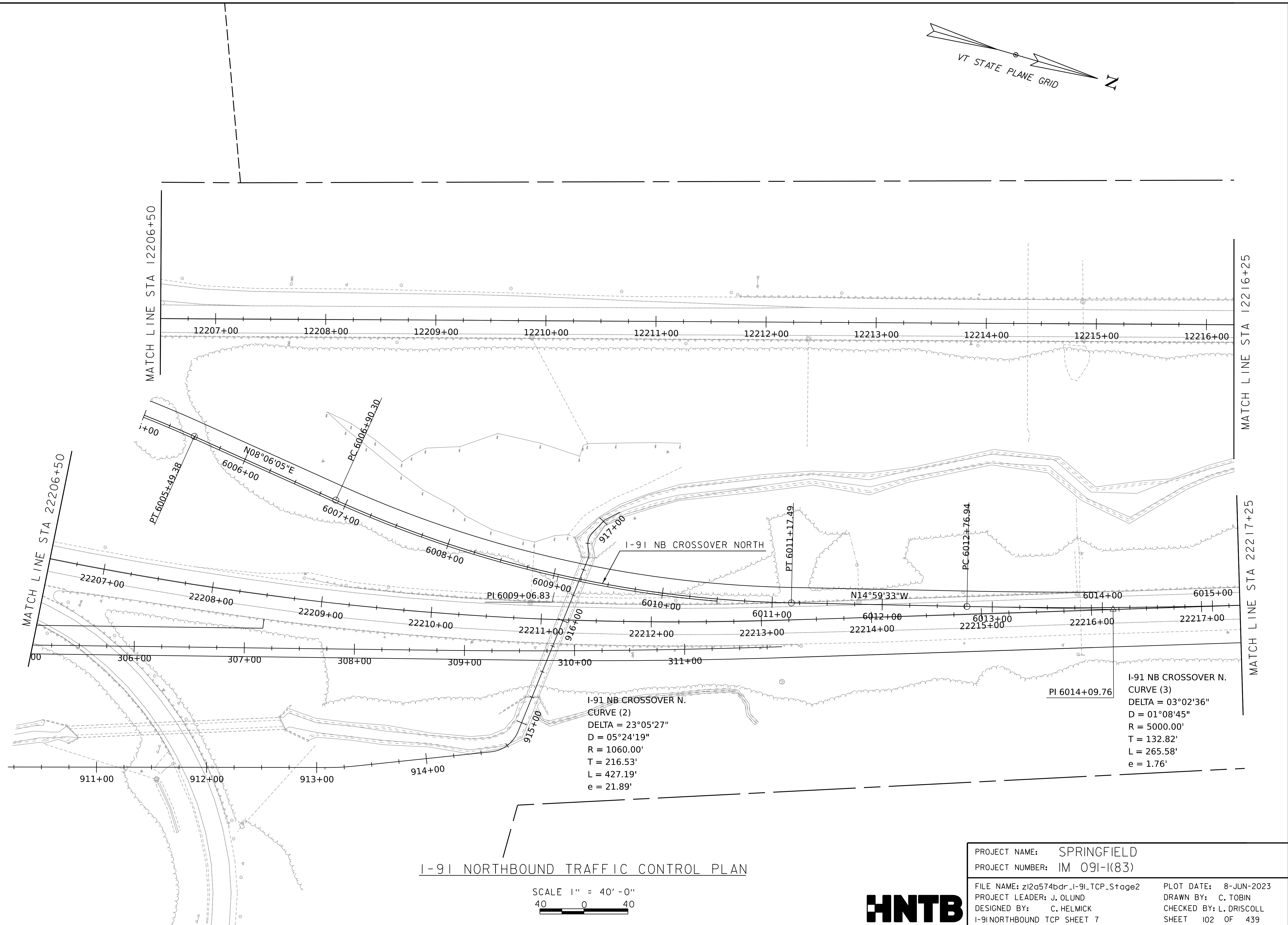
SCALE 1" = 40'-0"
 40 0 40

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage2	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	101 OF 439
DESIGNED BY:	C. HELMICK		
I-91 NORTHBOUND TCP SHEET 6			





WORKING PLANS FOR REFERENCE ONLY



I-91 NB CROSSOVER N.
 CURVE (2)
 DELTA = 23°05'27"
 D = 05°24'19"
 R = 1060.00'
 T = 216.53'
 L = 427.19'
 e = 21.89'

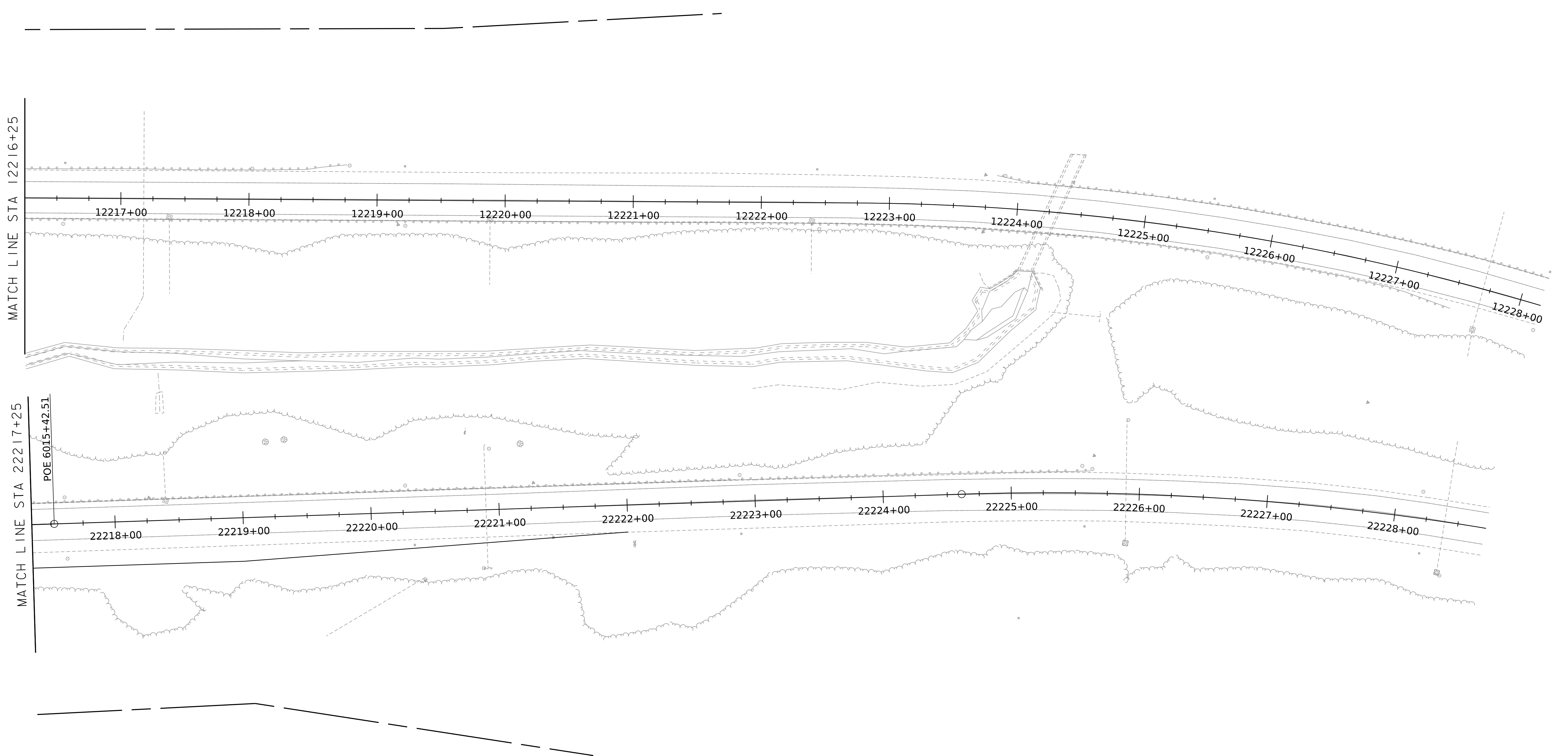
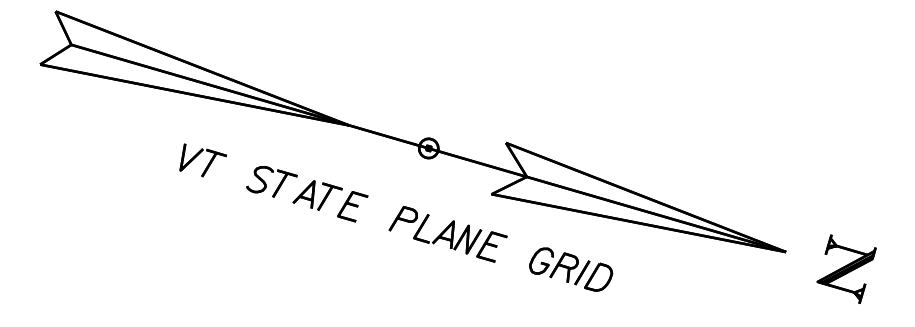
I-91 NB CROSSOVER N.
 CURVE (3)
 DELTA = 03°02'36"
 D = 01°08'45"
 R = 5000.00'
 T = 132.82'
 L = 265.58'
 e = 1.76'

I-91 NORTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
 40 0 40

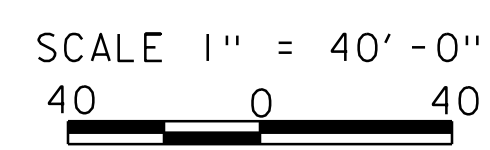
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_I-91.TCP_Stage2	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NORTHBOUND TCP SHEET 7		SHEET 102 OF 439





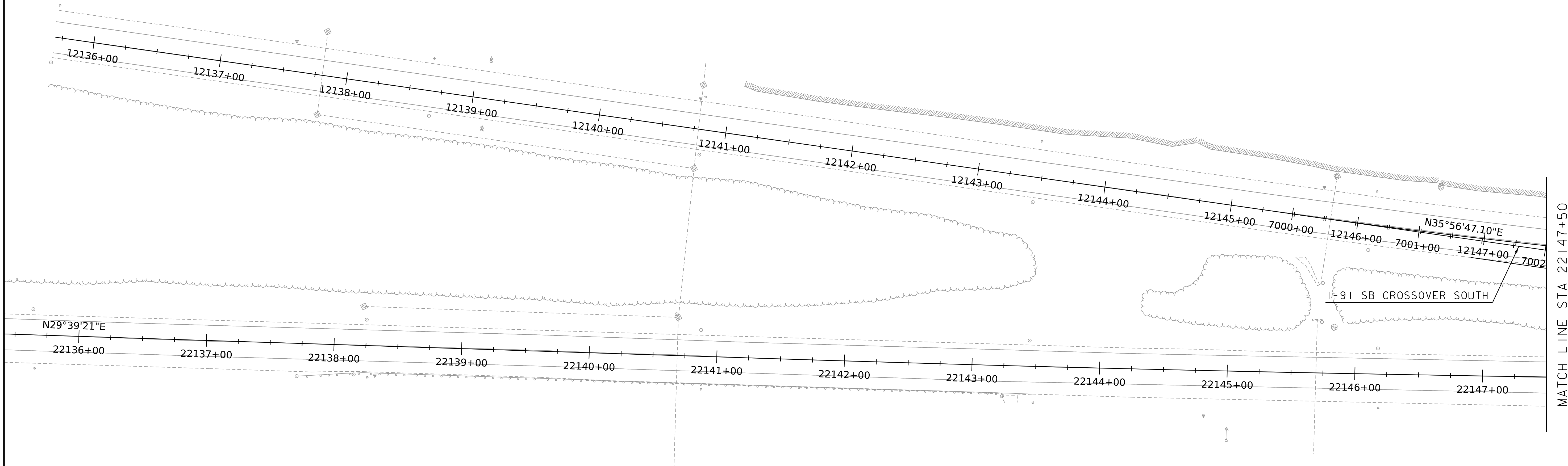
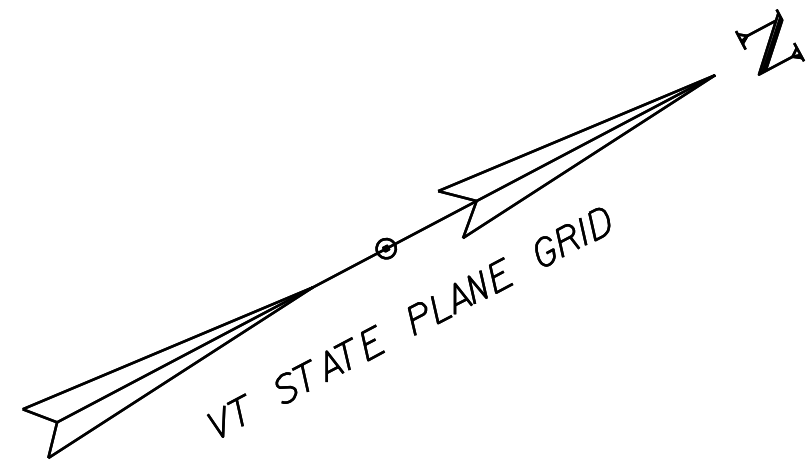
WORKING PLANS FOR REFERENCE ONLY

I-91 NORTHBOUND TRAFFIC CONTROL PLAN



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage2	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	I-91 NORTHBOUND TCP SHEET 8	SHEET 103 OF 439

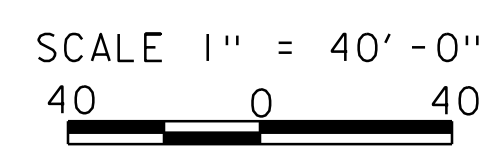




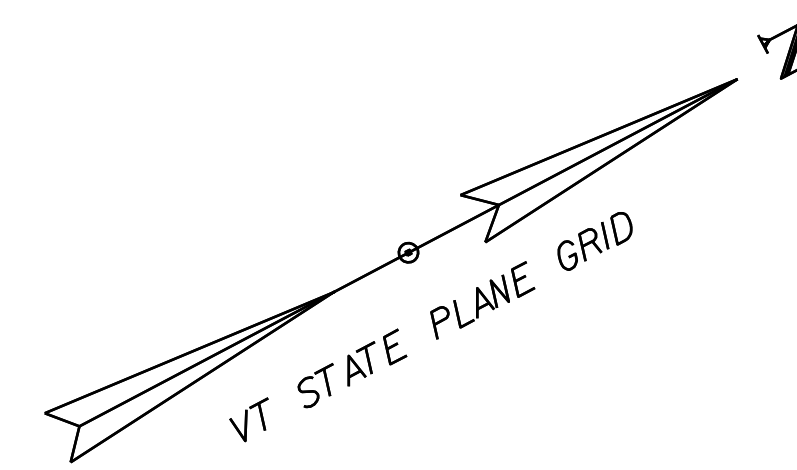
WORKING PLANS FOR REFERENCE ONLY

MATCH LINE STA 22147+50

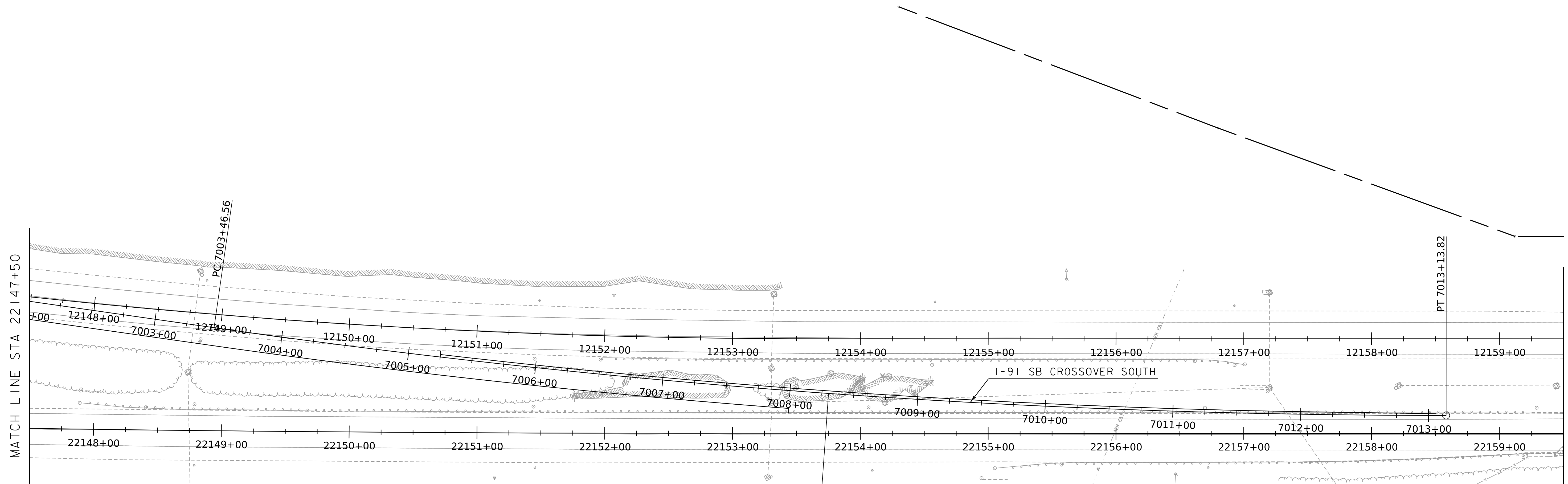
I-91 SOUTHBOUND TRAFFIC CONTROL PLAN



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. TOBIN
FILE NAME: z12a574bdr_I-91.TCP_Stage3	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 104 OF 439
DESIGNED BY: C. HELMICK	
I-91 SOUTHBOUND TCP SHEET 1	



WORKING PLANS FOR REFERENCE ONLY



PI 7008+31.00

I-91 SB CROSSOVER S.
 CURVE (1)
 DELTA = 08°07'34"
 D = 00°50'24"
 R = 6820.00'
 T = 484.44'
 L = 967.26'
 e = 17.18'

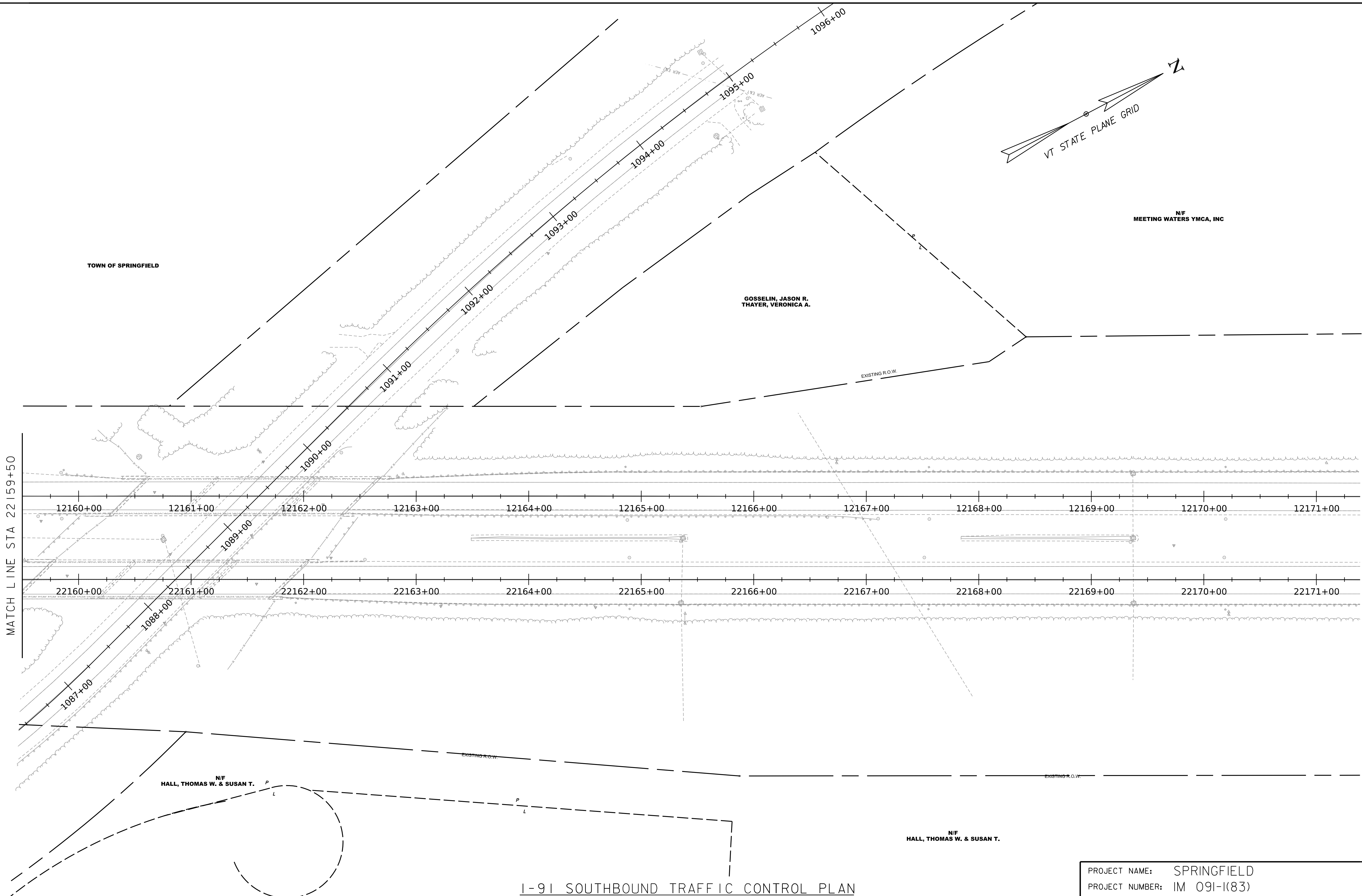
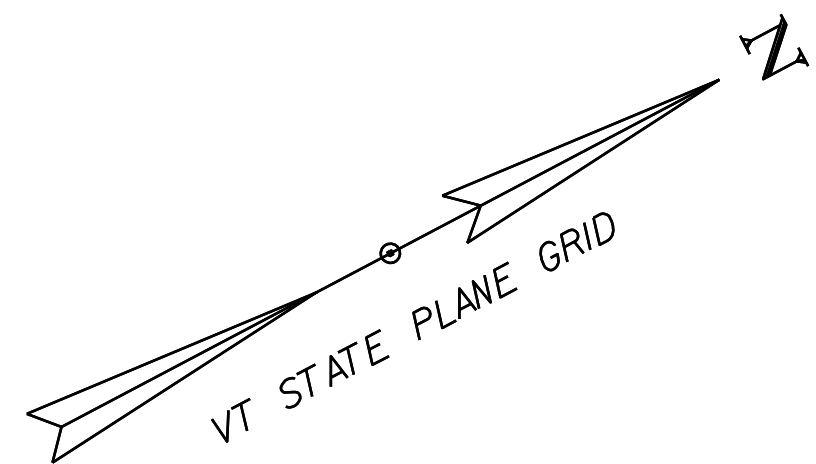
I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
 40 0 40



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_I-91.TCP_Stage3	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91 SOUTHBOUND TCP SHEET 2		SHEET	105 OF 439

WORKING PLANS FOR REFERENCE ONLY



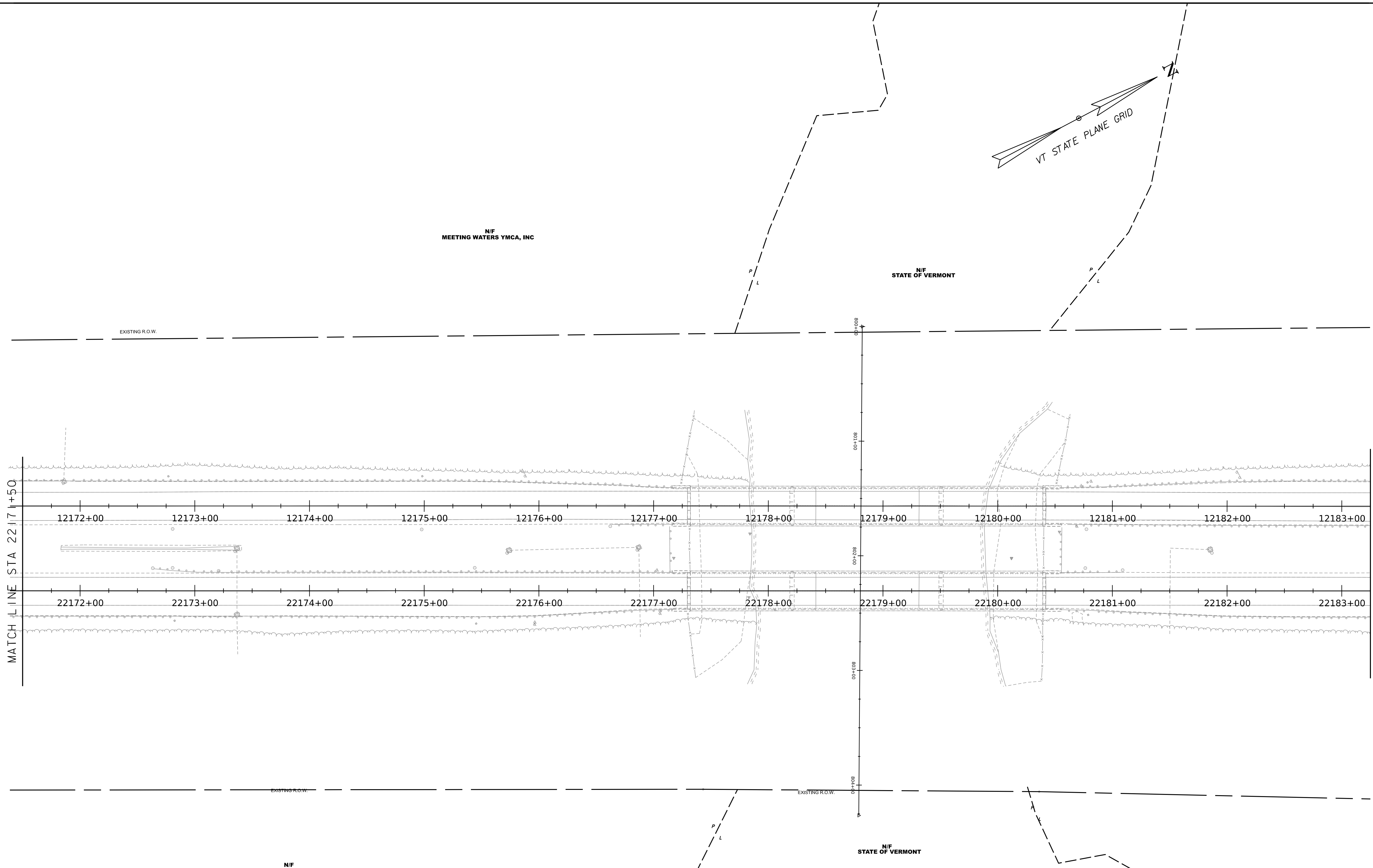
I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage3	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	106 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SOUTHBOUND TCP SHEET 3			

WORKING PLANS FOR REFERENCE ONLY

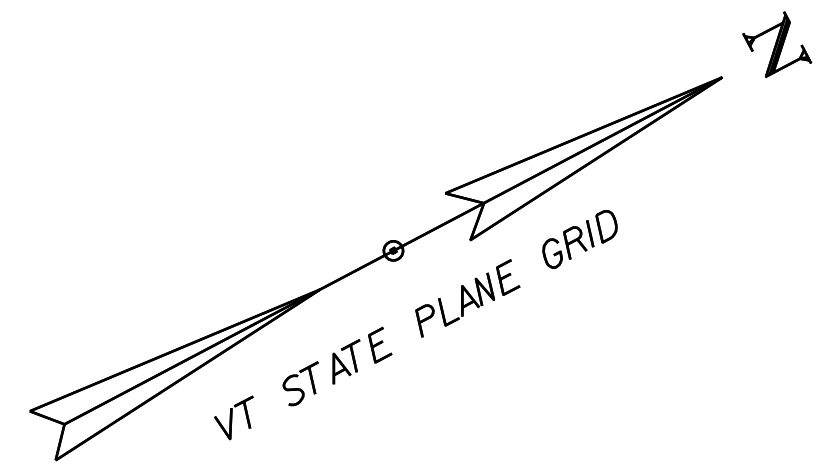


I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage3	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	107 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SOUTHBOUND TCP SHEET 4			



N/F
STATE OF VERMONT

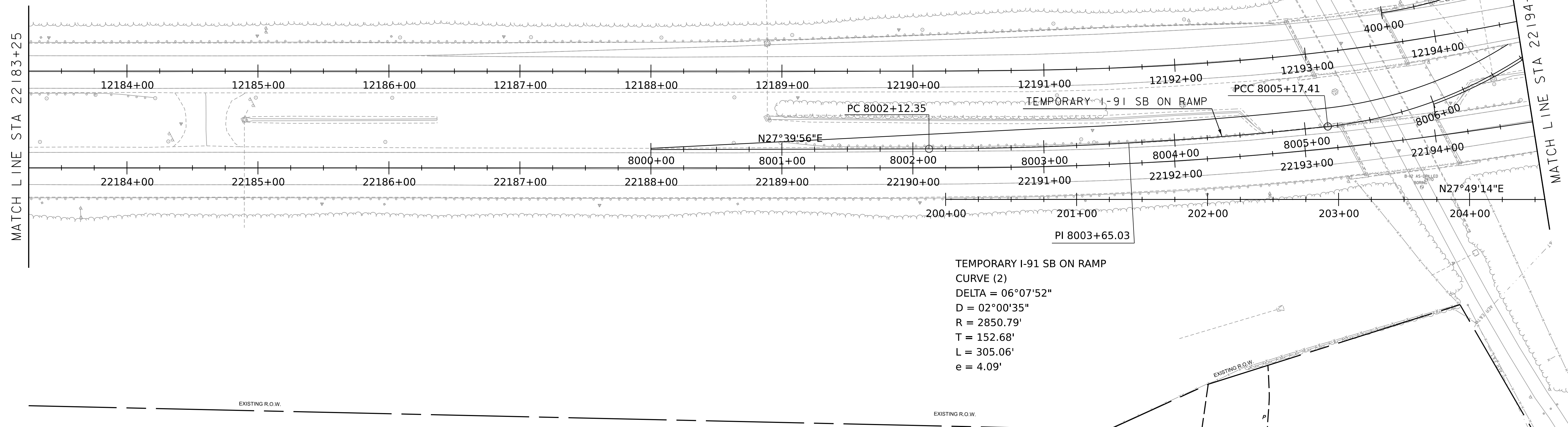
N/F
IRVING OIL LIMITED

EXISTING R.O.W.

EXISTING R.O.W.

MATCH LINE STA 22183+25

MATCH LINE STA 22194+75



TEMPORARY I-91 SB ON RAMP
 CURVE (2)
 DELTA = 06°07'52"
 D = 02°00'35"
 R = 2850.79'
 T = 152.68'
 L = 305.06'
 e = 4.09'

N/F
STATE OF VERMONT, AGENCY OF NATURAL RESOURCES

N/F
HERITAGE HOLDINGS LP

I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

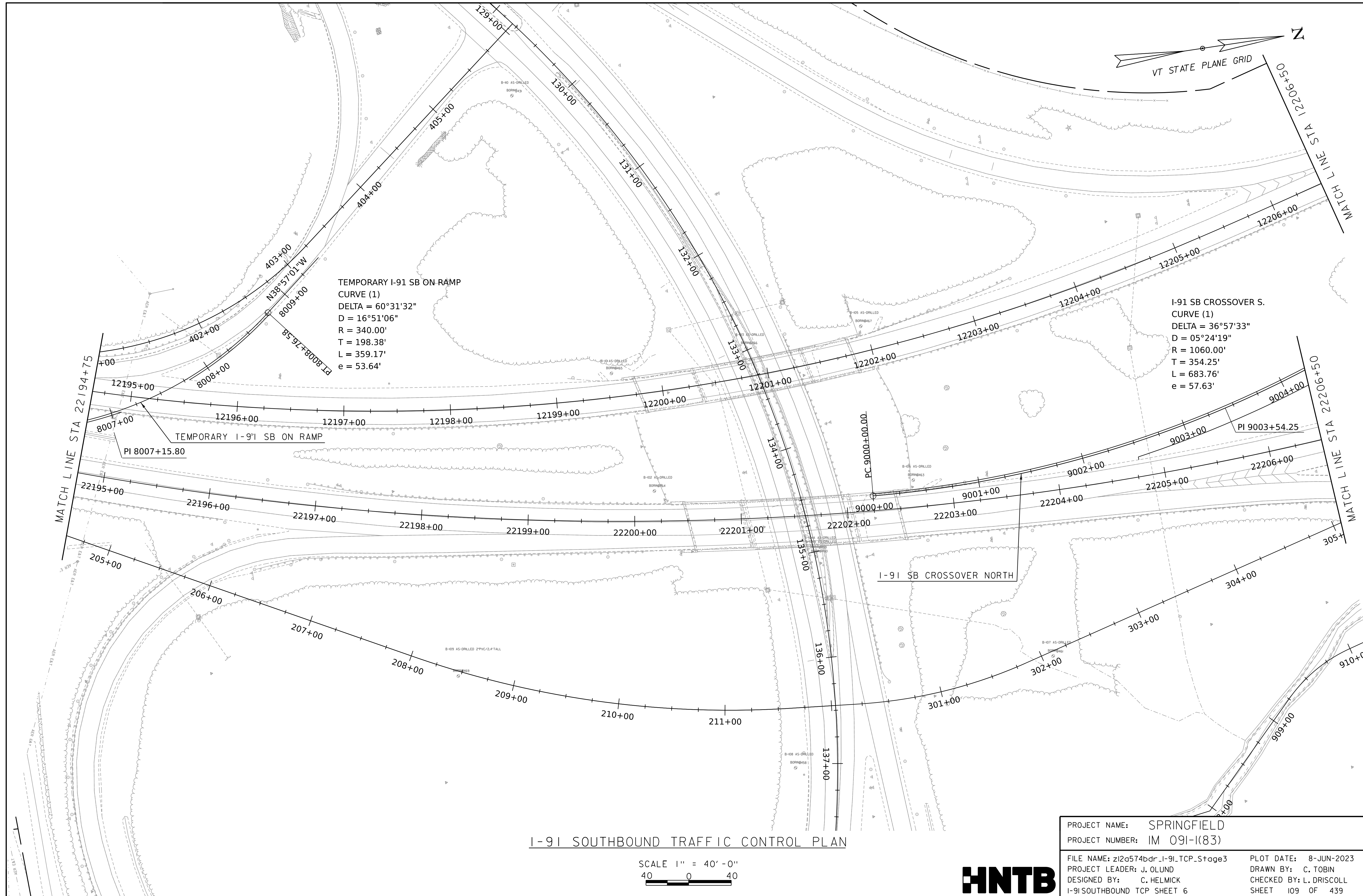
SCALE 1" = 40' - 0"
 40 0 40



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_I-91.TCP_Stage3	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91 SOUTHBOUND TCP SHEET 5		SHEET	108 OF 439

WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY

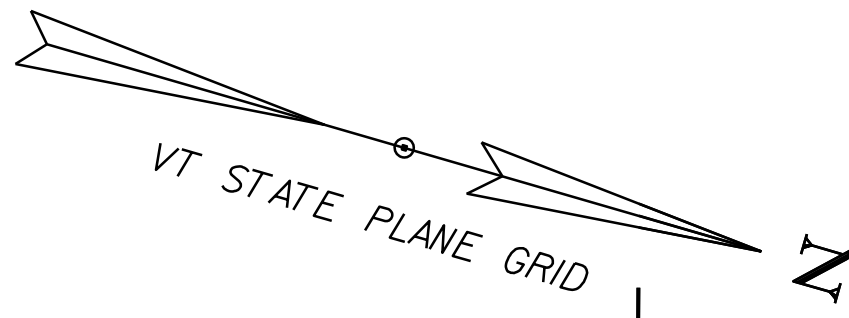
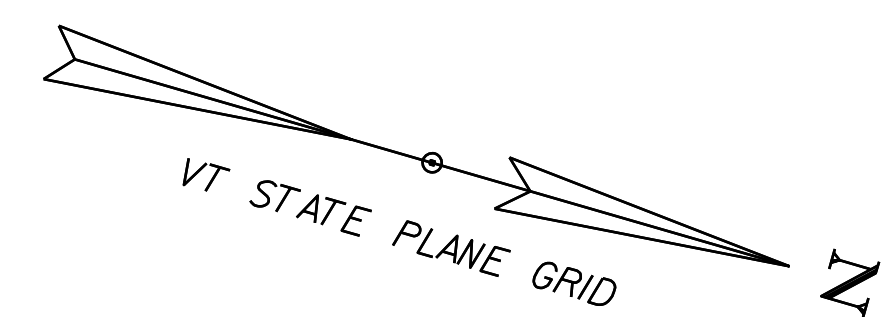


I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40'-0"
40 0 40

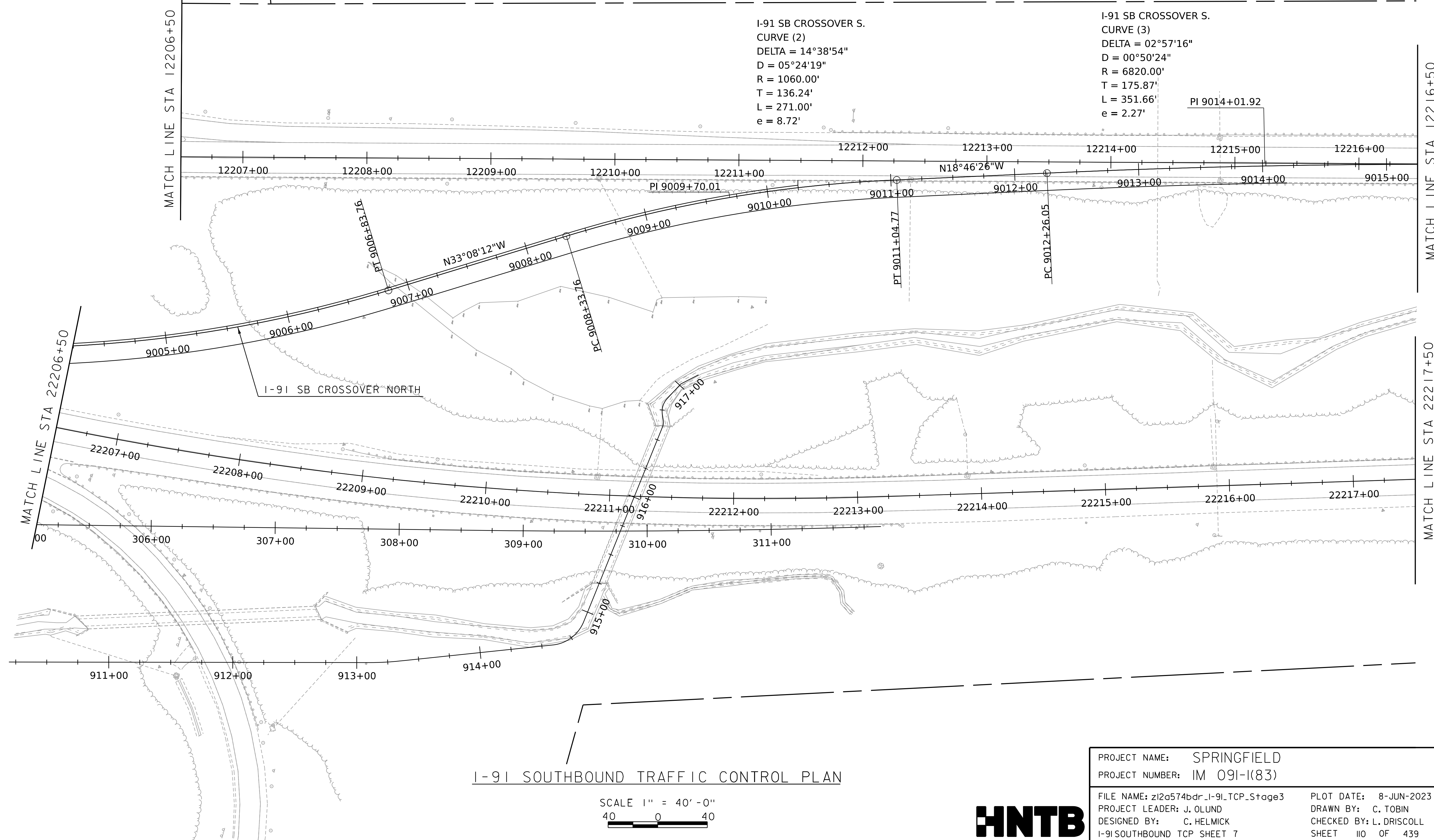
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage3	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	109 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SOUTHBOUND TCP SHEET 6			





I-91 SB CROSSOVER S.
 CURVE (2)
 DELTA = 14°38'54"
 D = 05°24'19"
 R = 1060.00'
 T = 136.24'
 L = 271.00'
 e = 8.72'

I-91 SB CROSSOVER S.
 CURVE (3)
 DELTA = 02°57'16"
 D = 00°50'24"
 R = 6820.00'
 T = 175.87'
 L = 351.66'
 e = 2.27'



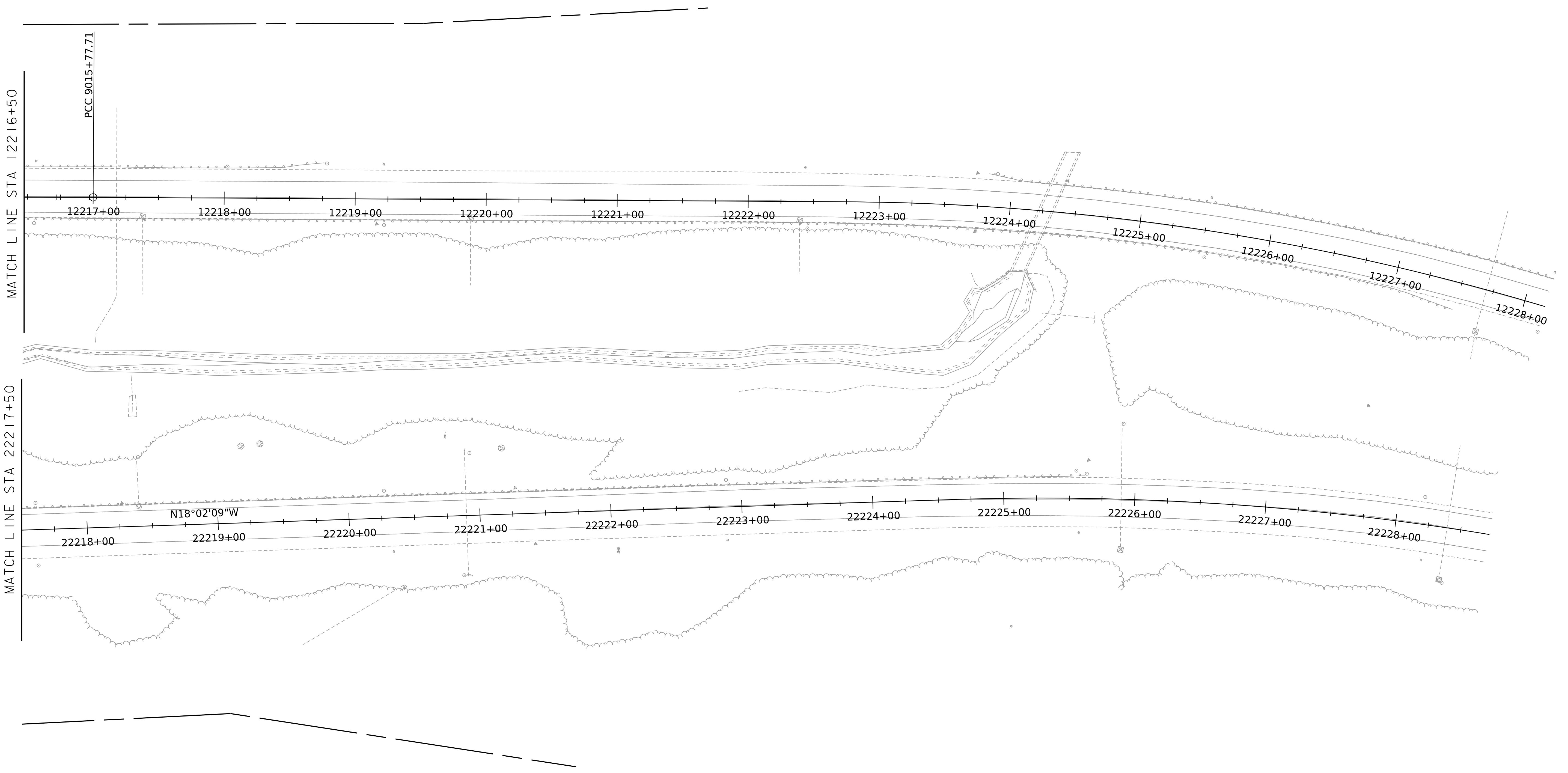
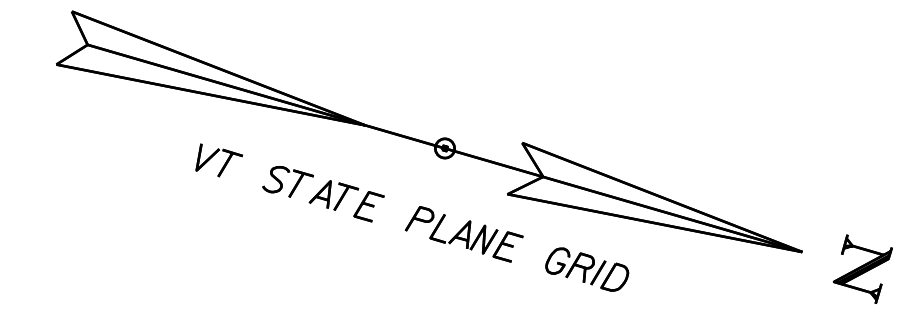
WORKING PLANS FOR REFERENCE ONLY

I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
 40 0 40



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_I-91.TCP_Stage3	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	110 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SOUTHBOUND TCP SHEET 7			



WORKING PLANS FOR REFERENCE ONLY

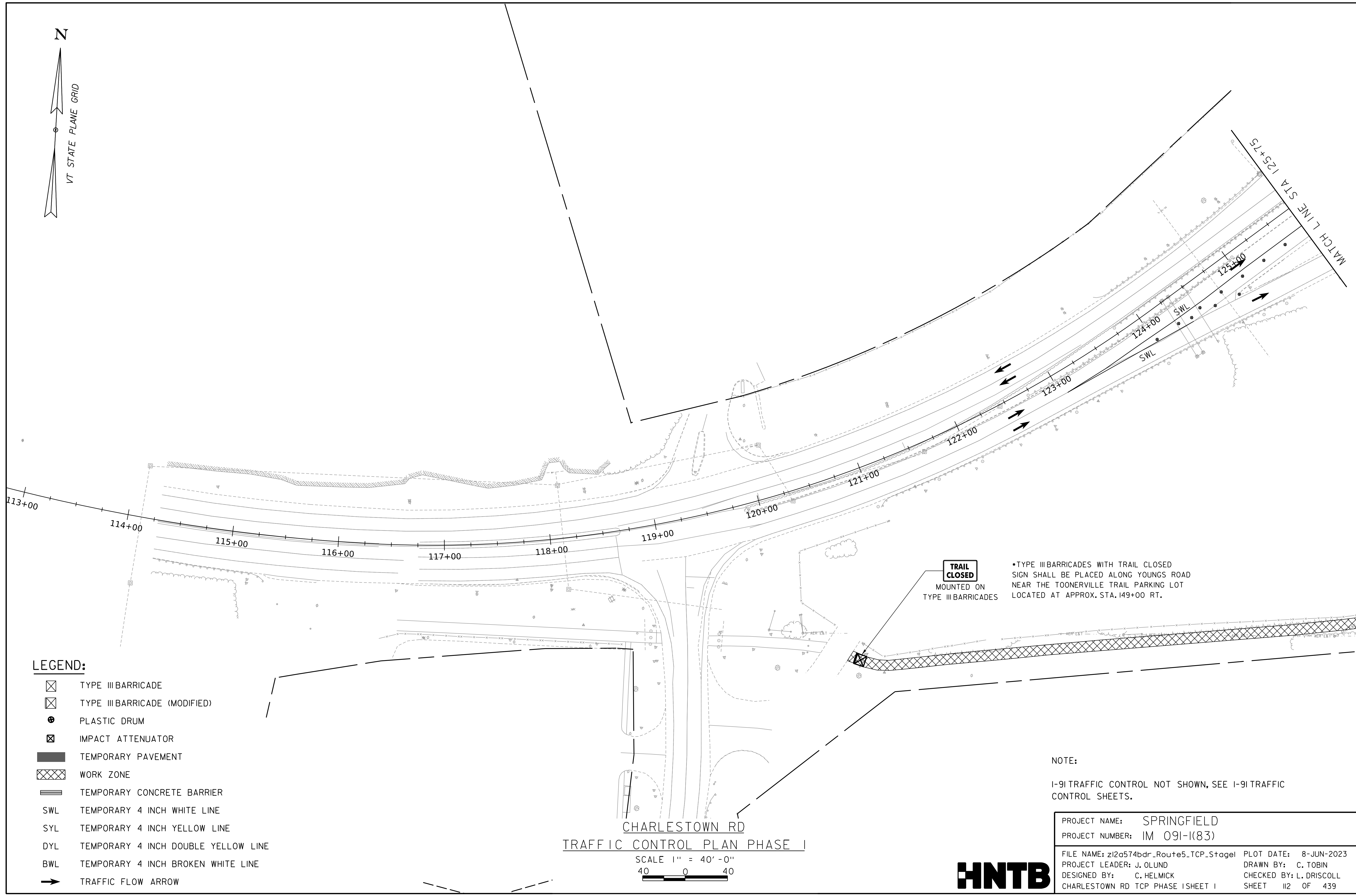
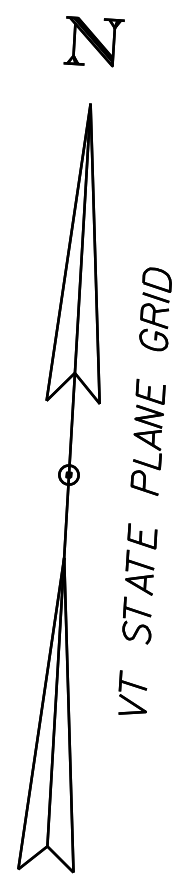
I-91 SOUTHBOUND TRAFFIC CONTROL PLAN

SCALE 1" = 40'-0"
40 0 40



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_1-91-TCP_Stage3	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	III OF 439
DESIGNED BY:	C. HELMICK		
I-91 SOUTHBOUND TCP SHEET	8		

WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- PLASTIC DRUM
- ☒ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

TRAIL CLOSED
MOUNTED ON
TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED SIGN SHALL BE PLACED ALONG YOUNGS ROAD NEAR THE TOONERVILLE TRAIL PARKING LOT LOCATED AT APPROX. STA. 149+00 RT.

NOTE:
I-9I TRAFFIC CONTROL NOT SHOWN, SEE I-9I TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE I

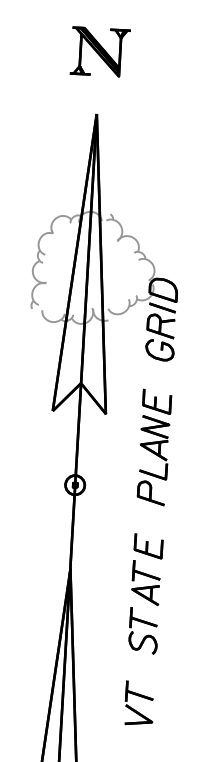
SCALE 1" = 40'-0"
40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stagel
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
CHARLESTOWN RD TCP PHASE I SHEET 1	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. TOBIN
CHECKED BY:	L. DRISCOLL
SHEET	112 OF 439

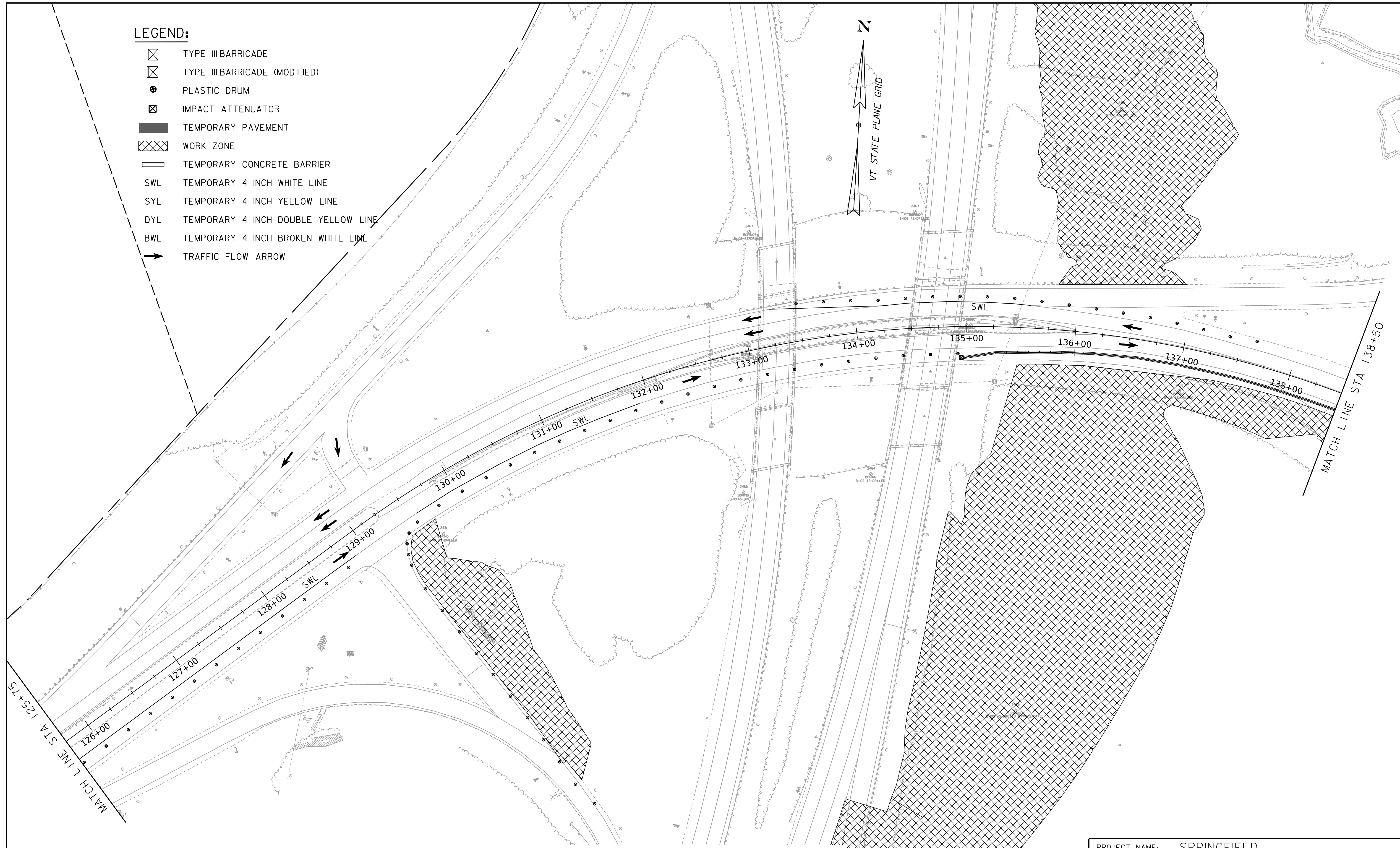


LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW



WORKING PLANS FOR REFERENCE ONLY



NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

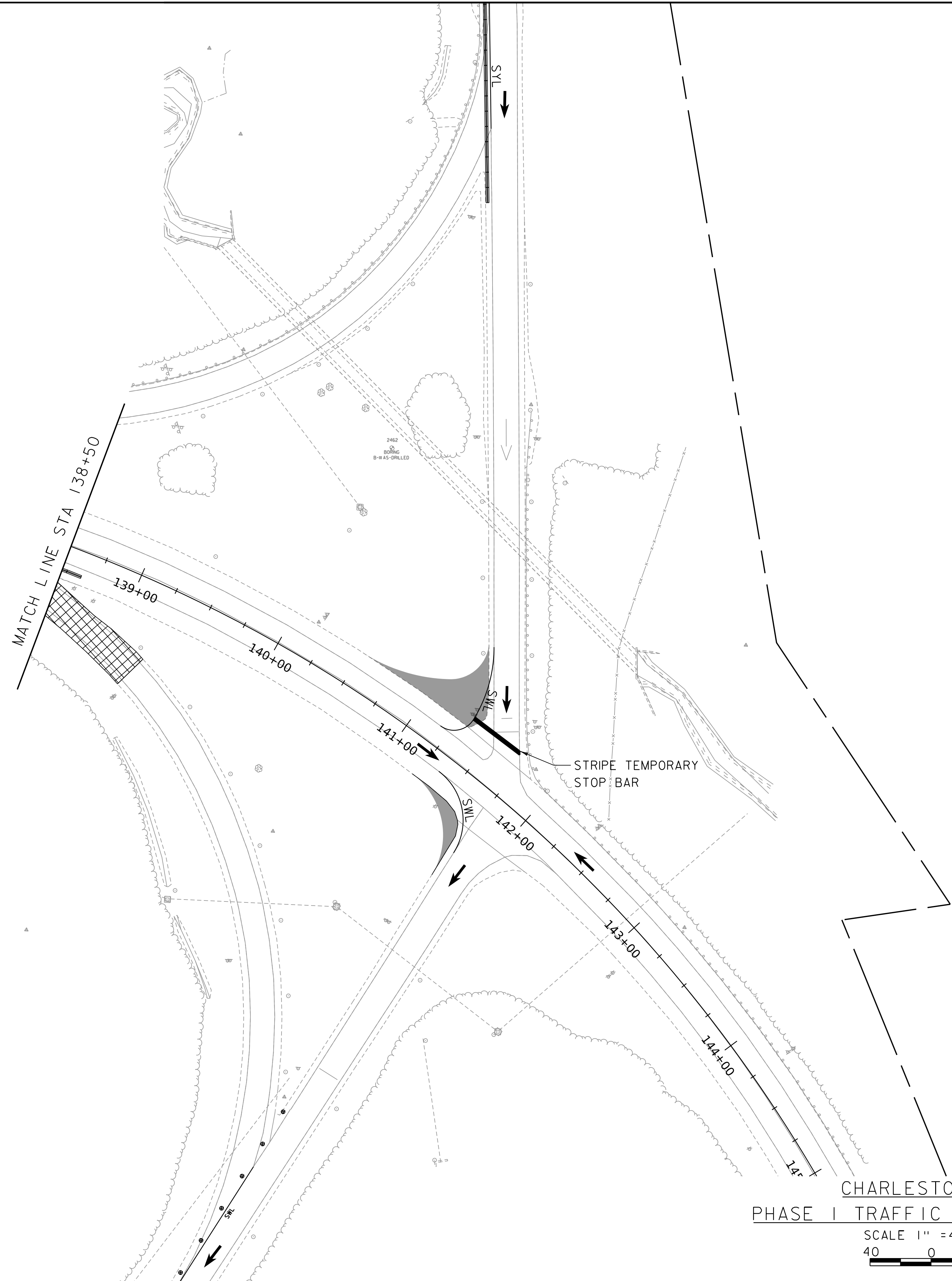
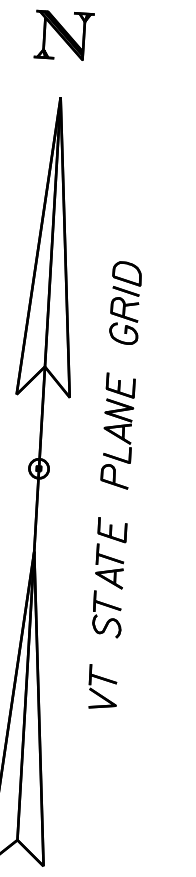
CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE I

SCALE 1" = 40'-0"
40 0 40

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr.Route5.TCP.Stagel	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	113 OF 439
DESIGNED BY:	C. HELMICK		
CHARLESTOWN RD TCP PHASE I SHEET 2			











WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN RD
PHASE I TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40

LEGEND:

-  TYPE III BARRICADE
-  TYPE III BARRICADE (MODIFIED)
-  PLASTIC DRUM
-  IMPACT ATTENUATOR
-  TEMPORARY PAVEMENT
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
-  TRAFFIC FLOW ARROW

NOTE:

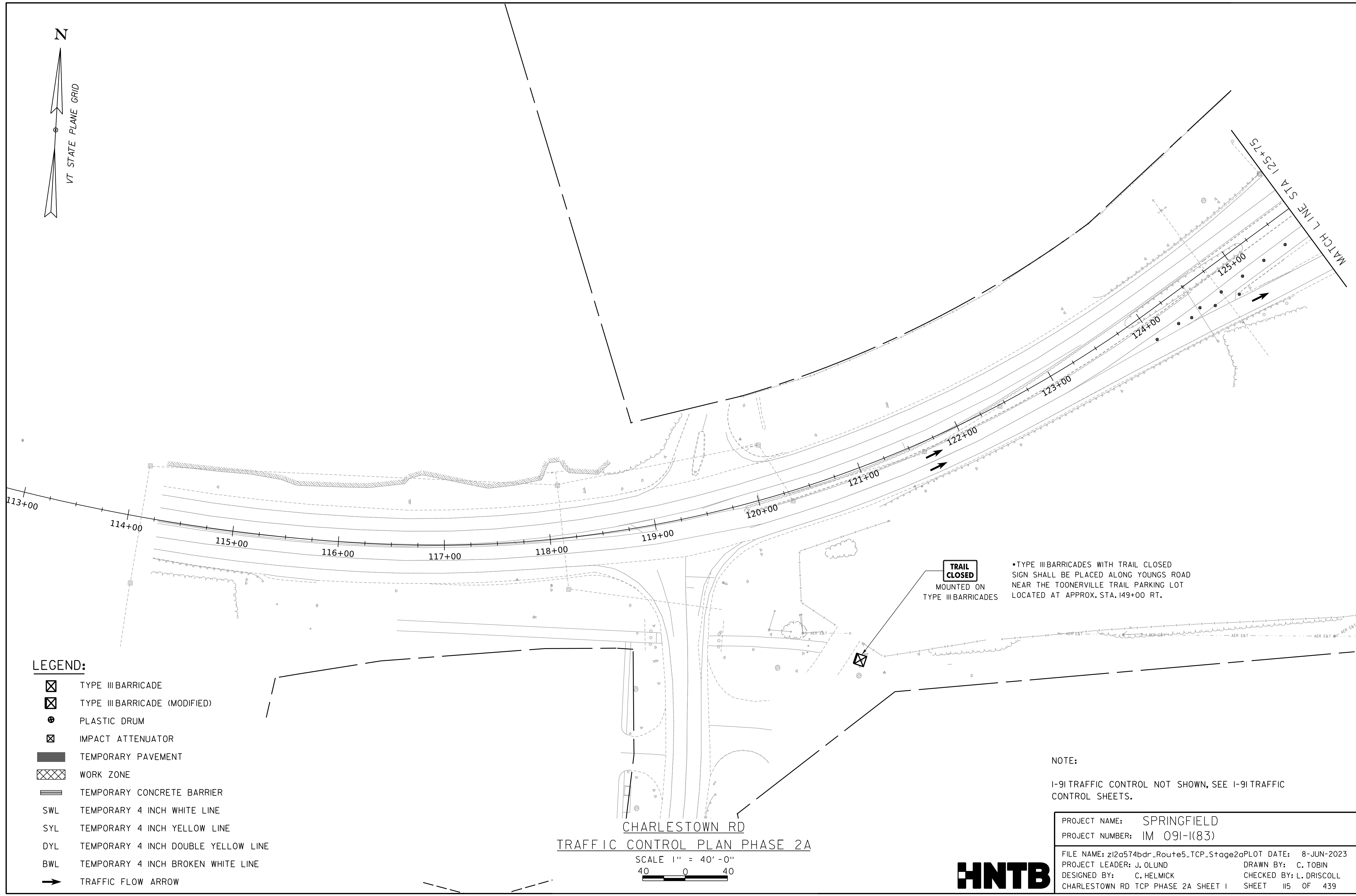
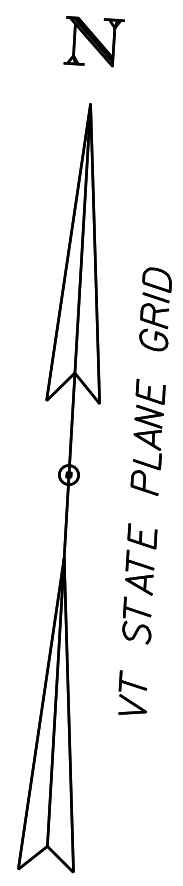
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)









FILE NAME: z12a574bdr_Route5_TCP_Staget1	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE I SHEET 3	SHEET 114 OF 439



WORKING PLANS FOR REFERENCE ONLY



LEGEND:

-  TYPE III BARRICADE
-  TYPE III BARRICADE (MODIFIED)
-  PLASTIC DRUM
-  IMPACT ATTENUATOR
-  TEMPORARY PAVEMENT
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
-  TRAFFIC FLOW ARROW

CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 2A

SCALE 1" = 40' - 0"
40 0 40

**TRAIL
CLOSED**
MOUNTED ON
TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED
SIGN SHALL BE PLACED ALONG YOUNGS ROAD
NEAR THE TOONERVILLE TRAIL PARKING LOT
LOCATED AT APPROX. STA. 149+00 RT.

NOTE:

I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

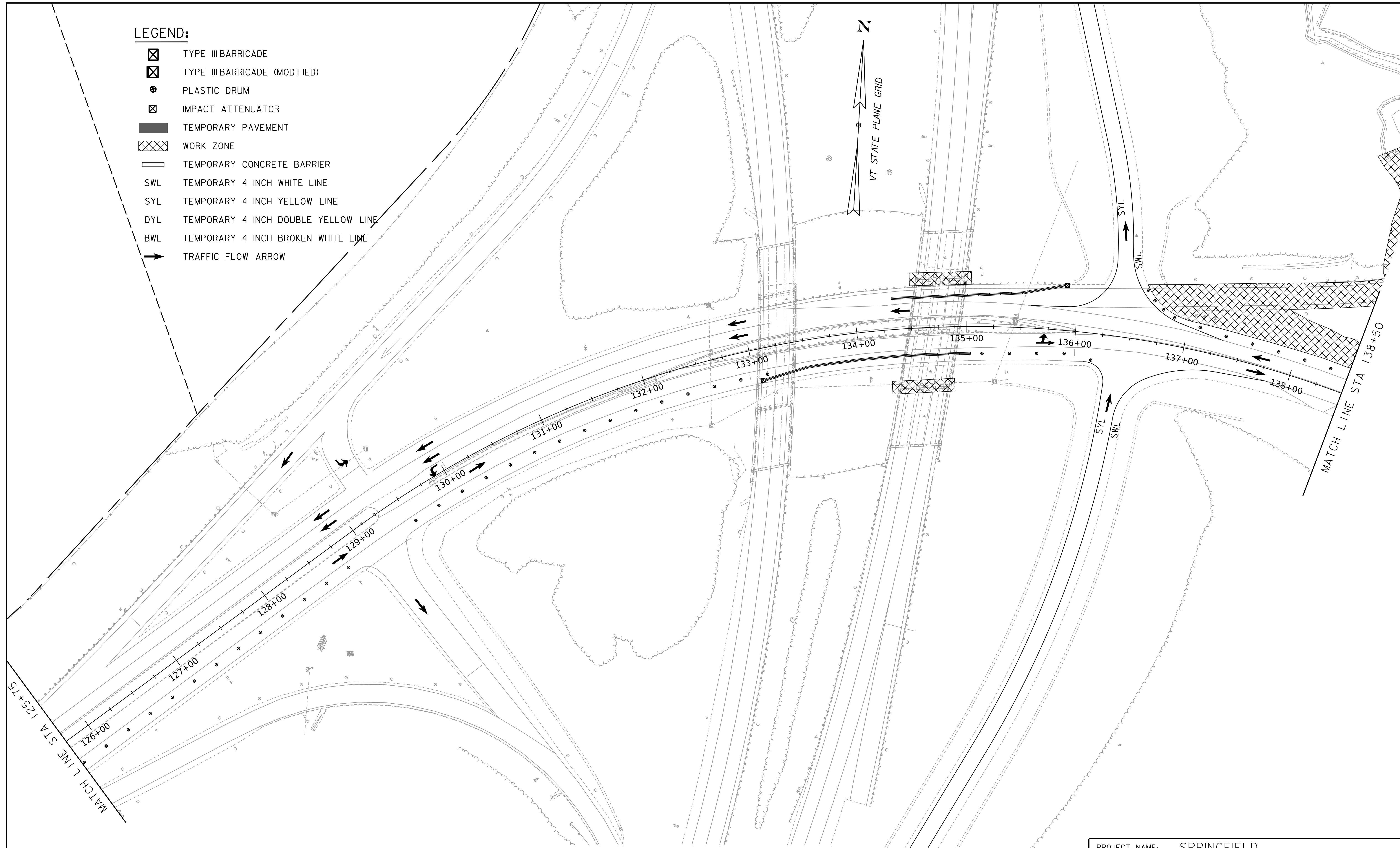
FILE NAME: z12a574bdr_Route5_TCP.Stage2aPLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 2A SHEET 1 SHEET 115 OF 439



WORKING PLANS FOR REFERENCE ONLY

LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊙ PLASTIC DRUM
- ⊠ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW



NOTE:
 I-9I TRAFFIC CONTROL NOT SHOWN, SEE I-9I TRAFFIC CONTROL SHEETS.

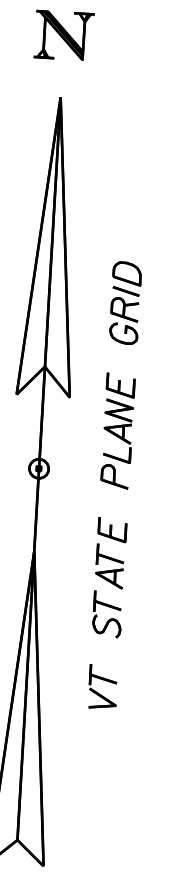
CHARLESTOWN RD
 TRAFFIC CONTROL PLAN PHASE 2A

SCALE 1" = 40' - 0"
 40 0 40









PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 09I-I(83)
FILE NAME:	z12a574bdr_Route5_TCP.Stage2aPLOT
DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. TOBIN
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
CHARLESTOWN RD TCP PHASE 2A SHEET 2	SHEET 116 OF 439



WORKING PLANS FOR REFERENCE ONLY



LEGEND:

-  TYPE III BARRICADE
-  TYPE III BARRICADE (MODIFIED)
-  PLASTIC DRUM
-  IMPACT ATTENUATOR
-  TEMPORARY PAVEMENT
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
-  TRAFFIC FLOW ARROW

NOTE:

I-9I TRAFFIC CONTROL NOT SHOWN, SEE I-9I TRAFFIC CONTROL SHEETS.

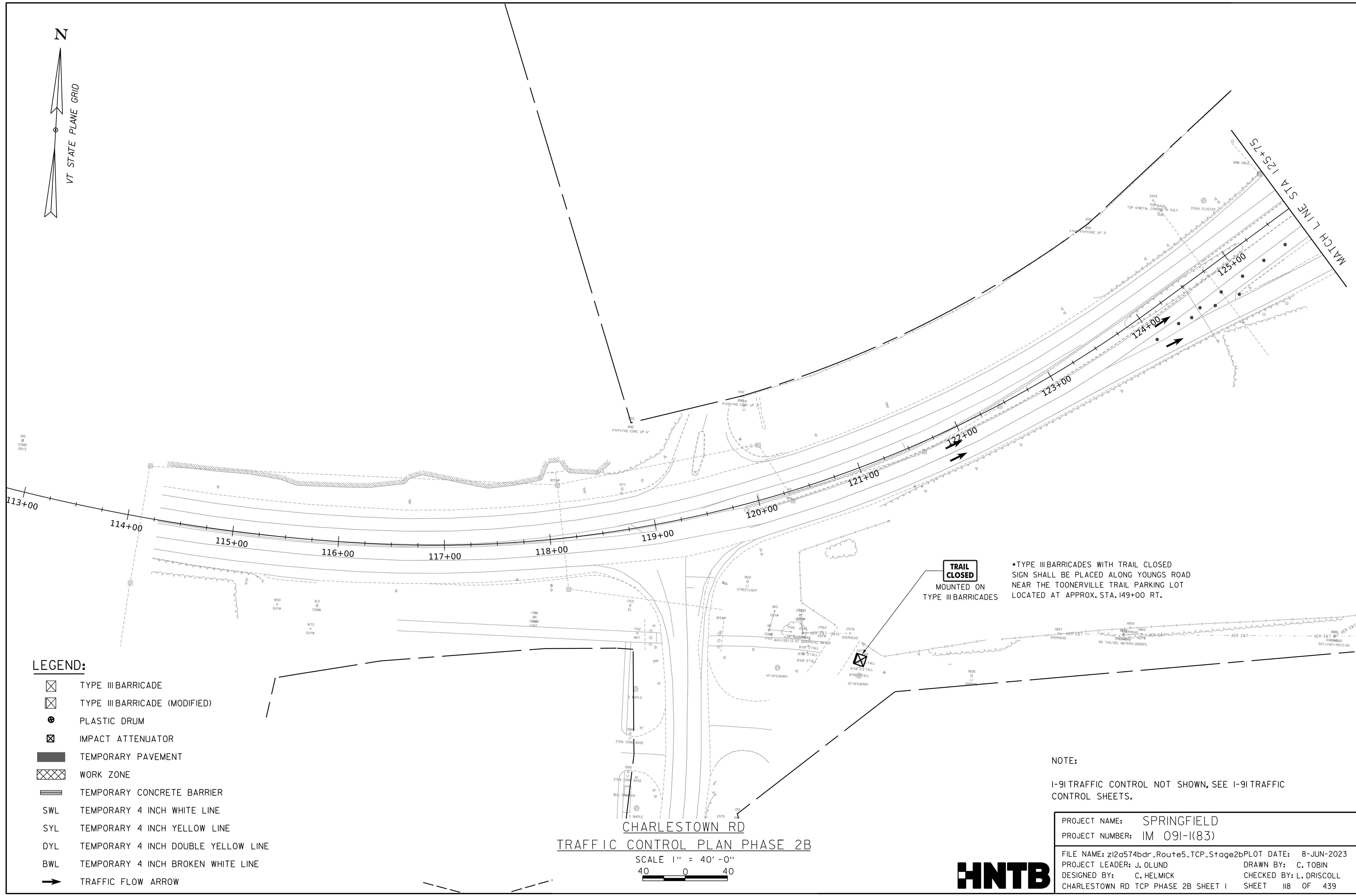
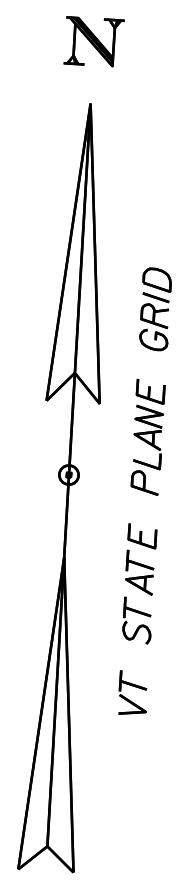
CHARLESTOWN RD
PHASE 2A TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 09I-I(83)
FILE NAME:	z12a574bdr_Route5_TCP.Stage2aPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 2A SHEET 3	SHEET 117 OF 439

WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊙ PLASTIC DRUM
- ⊠ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

TRAIL CLOSED MOUNTED ON TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED SIGN SHALL BE PLACED ALONG YOUNGS ROAD NEAR THE TOONERVILLE TRAIL PARKING LOT LOCATED AT APPROX. STA. 149+00 RT.

NOTE:

I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD TRAFFIC CONTROL PLAN PHASE 2B

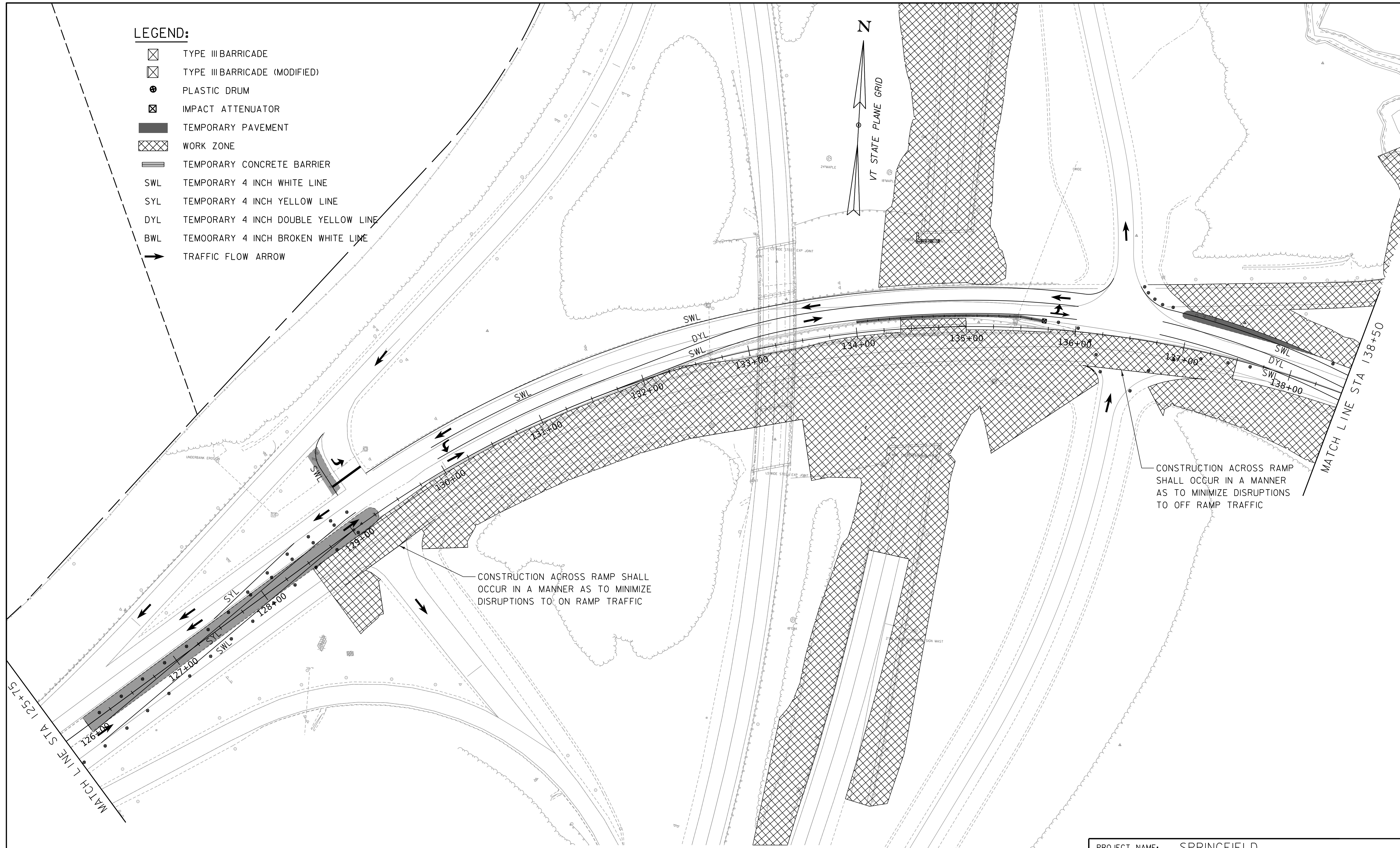
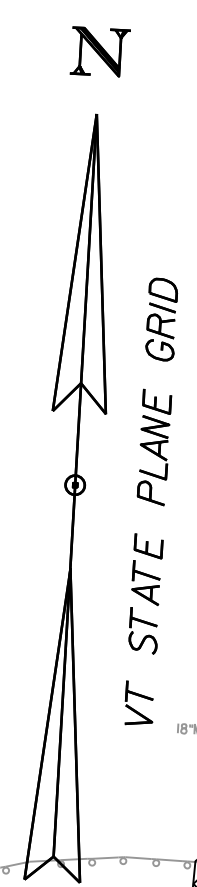
SCALE 1" = 40'-0" 40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage2bPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 2B SHEET 1	SHEET 118 OF 439



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW



WORKING PLANS FOR REFERENCE ONLY

NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 2B

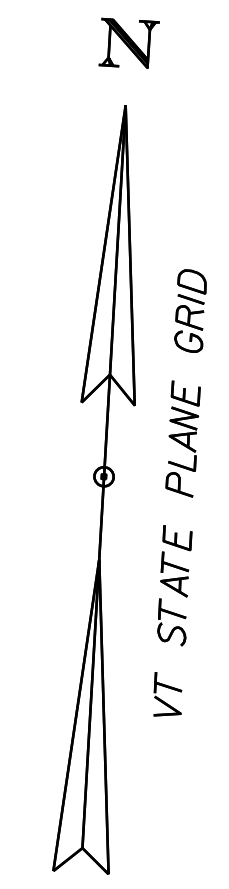
SCALE 1" = 40'-0"
40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574bdr_Route5_TCP.Stage2bPLOT
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
CHARLESTOWN RD TCP PHASE 2B SHEET 2	SHEET 119 OF 439



DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: L. DRISCOLL

WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN RD
PHASE 2B TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40

LEGEND:

- TYPE III BARRICADE
- TYPE III BARRICADE (MODIFIED)
- PLASTIC DRUM
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- TRAFFIC FLOW ARROW

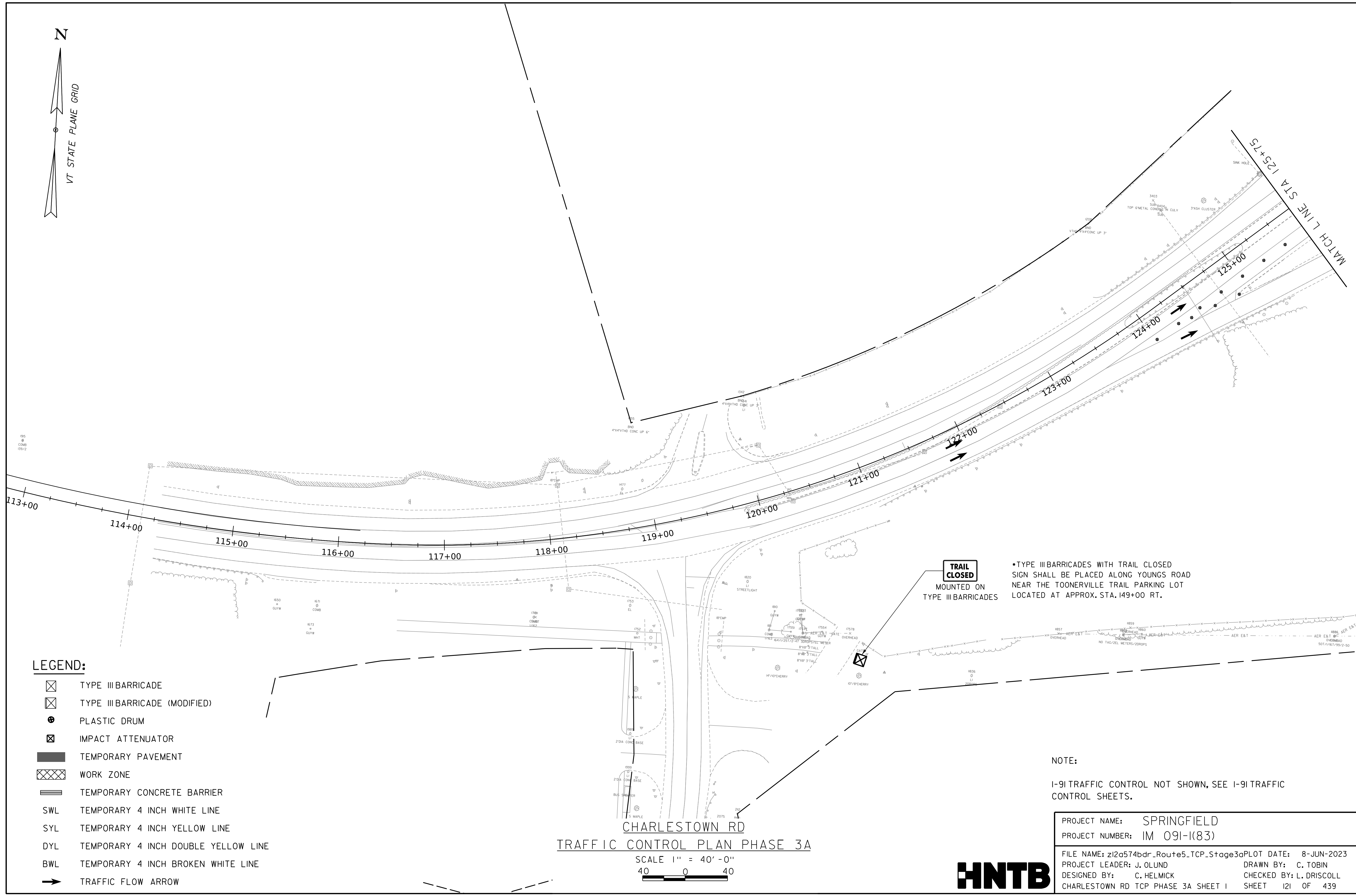
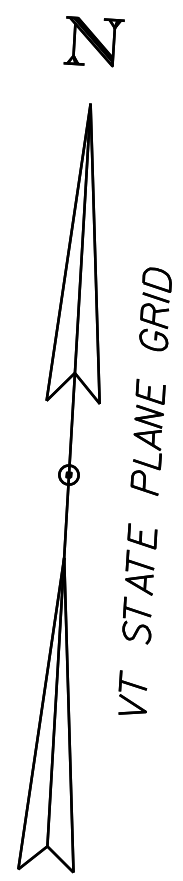
NOTE:

I-9I TRAFFIC CONTROL NOT SHOWN, SEE I-9I TRAFFIC CONTROL SHEETS.

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 09I-I(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage2bPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 2B SHEET 3	SHEET 120 OF 439



WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

TRAIL CLOSED MOUNTED ON TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED SIGN SHALL BE PLACED ALONG YOUNGS ROAD NEAR THE TOONERVILLE TRAIL PARKING LOT LOCATED AT APPROX. STA. 149+00 RT.

NOTE:

I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD TRAFFIC CONTROL PLAN PHASE 3A

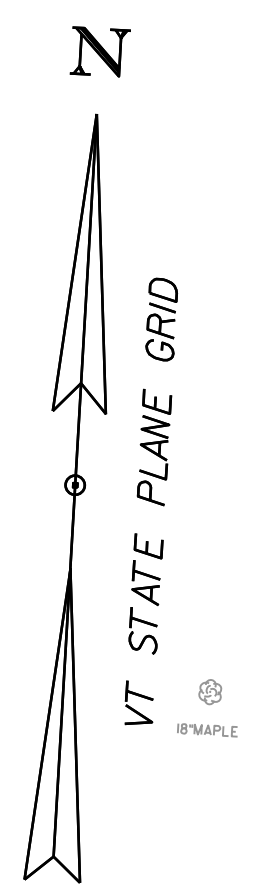
SCALE 1" = 40'-0" 40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3aPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 3A SHEET 1	SHEET 121 OF 439

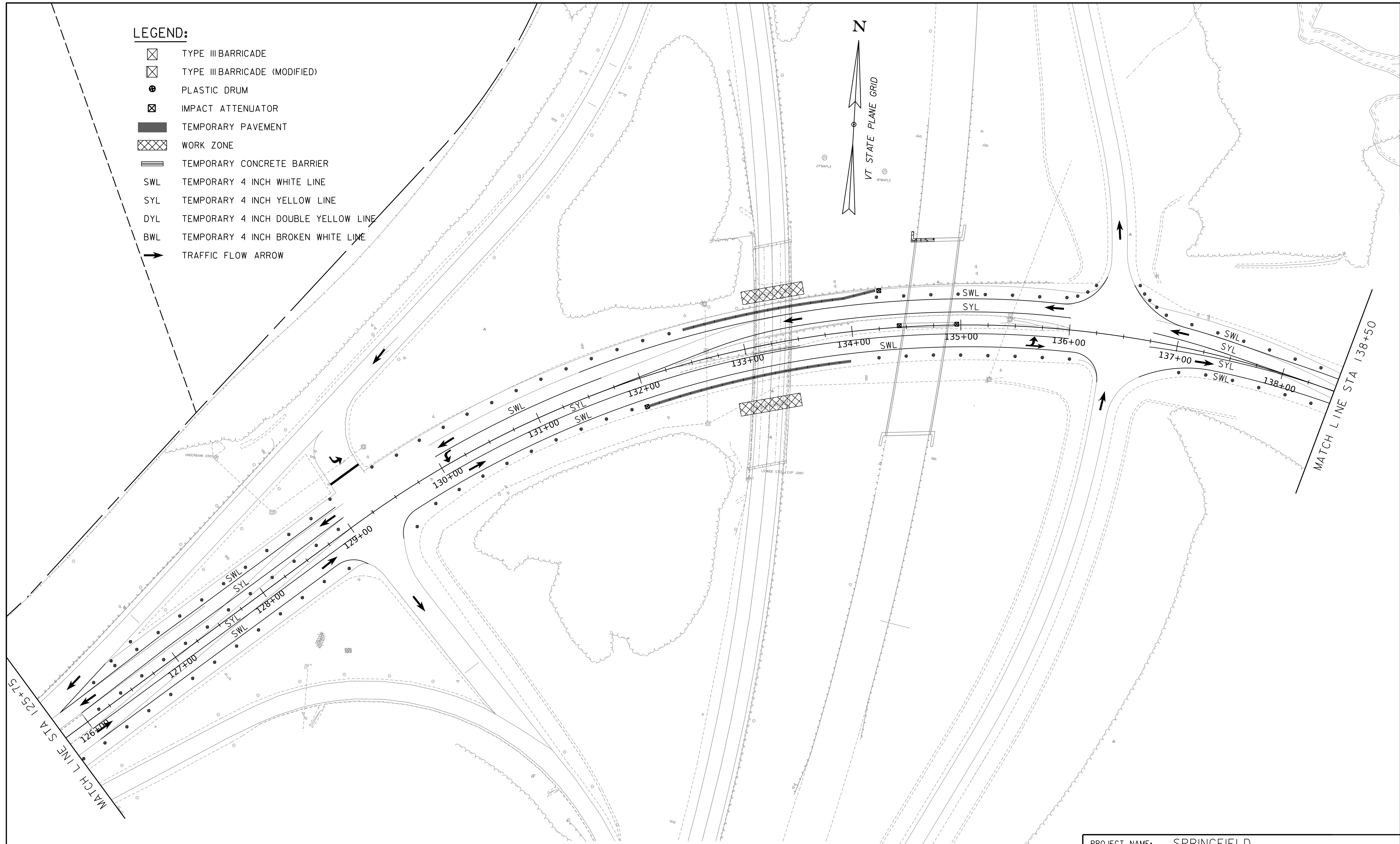


LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW



WORKING PLANS FOR REFERENCE ONLY



NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

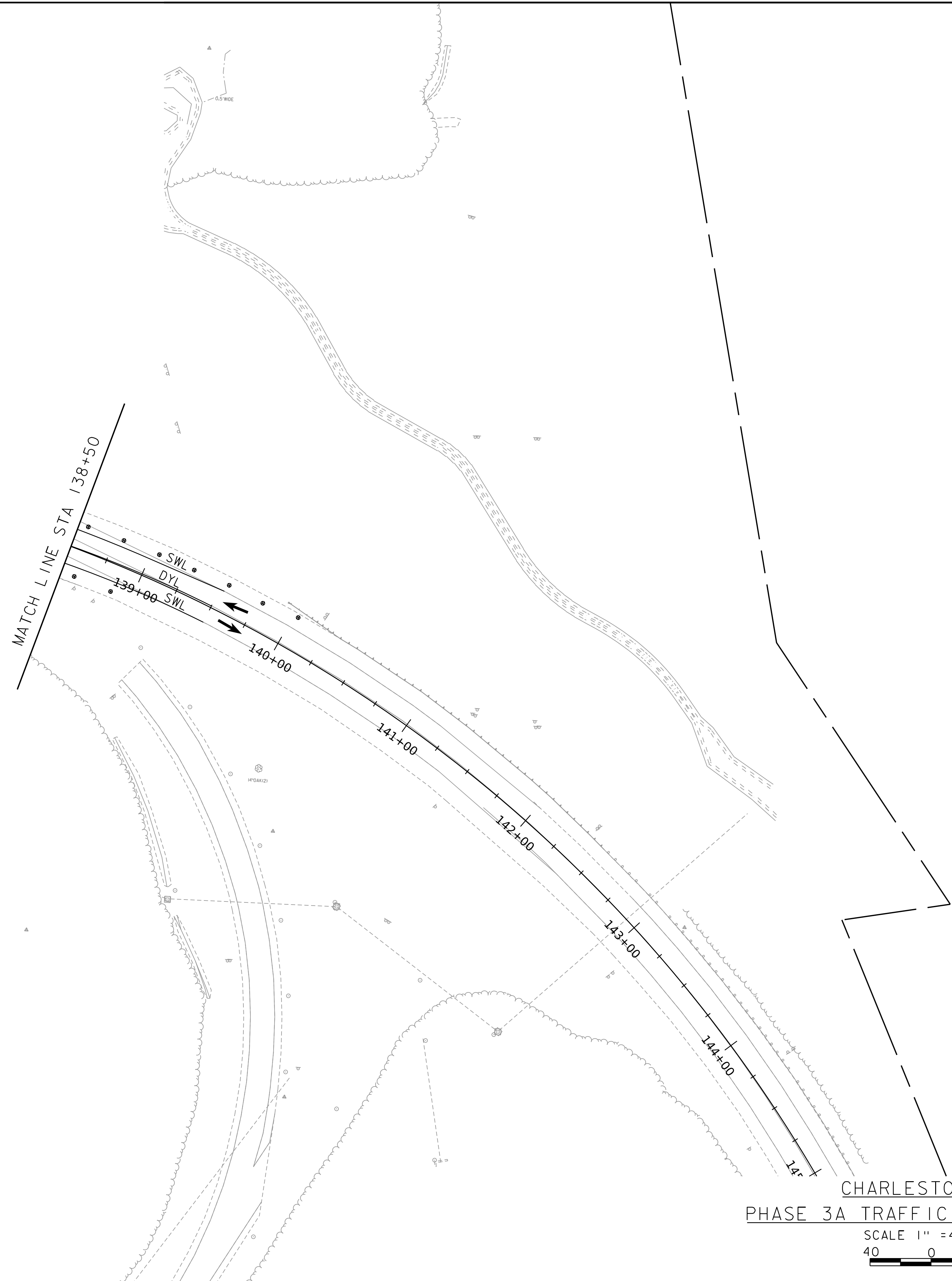
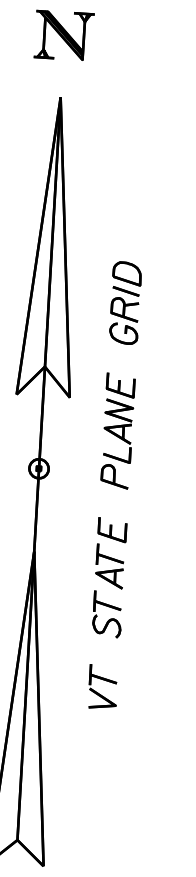
CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 3A

SCALE 1" = 40' - 0"
40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3aPLOT
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
CHARLESTOWN RD TCP PHASE 3A SHEET 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. TOBIN
CHECKED BY:	L. DRISCOLL
SHEET	122 OF 439



WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN RD
PHASE 3A TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40

LEGEND:

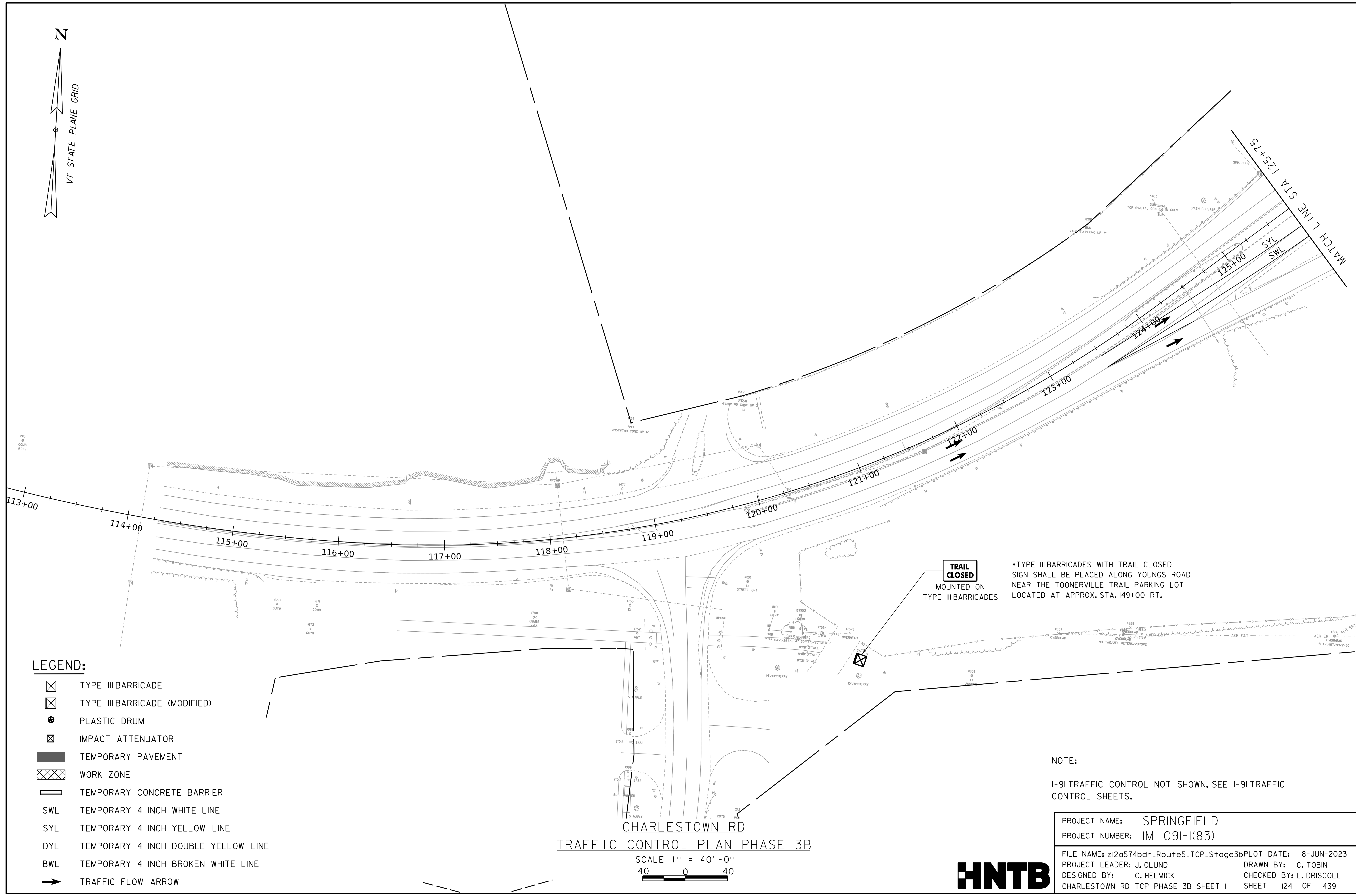
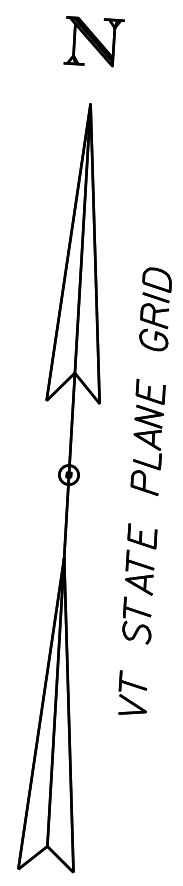
- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊙ PLASTIC DRUM
- ☒ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3aPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 3A SHEET 3	SHEET 123 OF 439



WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊙ PLASTIC DRUM
- ⊠ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

TRAIL CLOSED
MOUNTED ON
TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED SIGN SHALL BE PLACED ALONG YOUNGS ROAD NEAR THE TOONERVILLE TRAIL PARKING LOT LOCATED AT APPROX. STA. 149+00 RT.

NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 3B

SCALE 1" = 40' - 0"
40 0 40

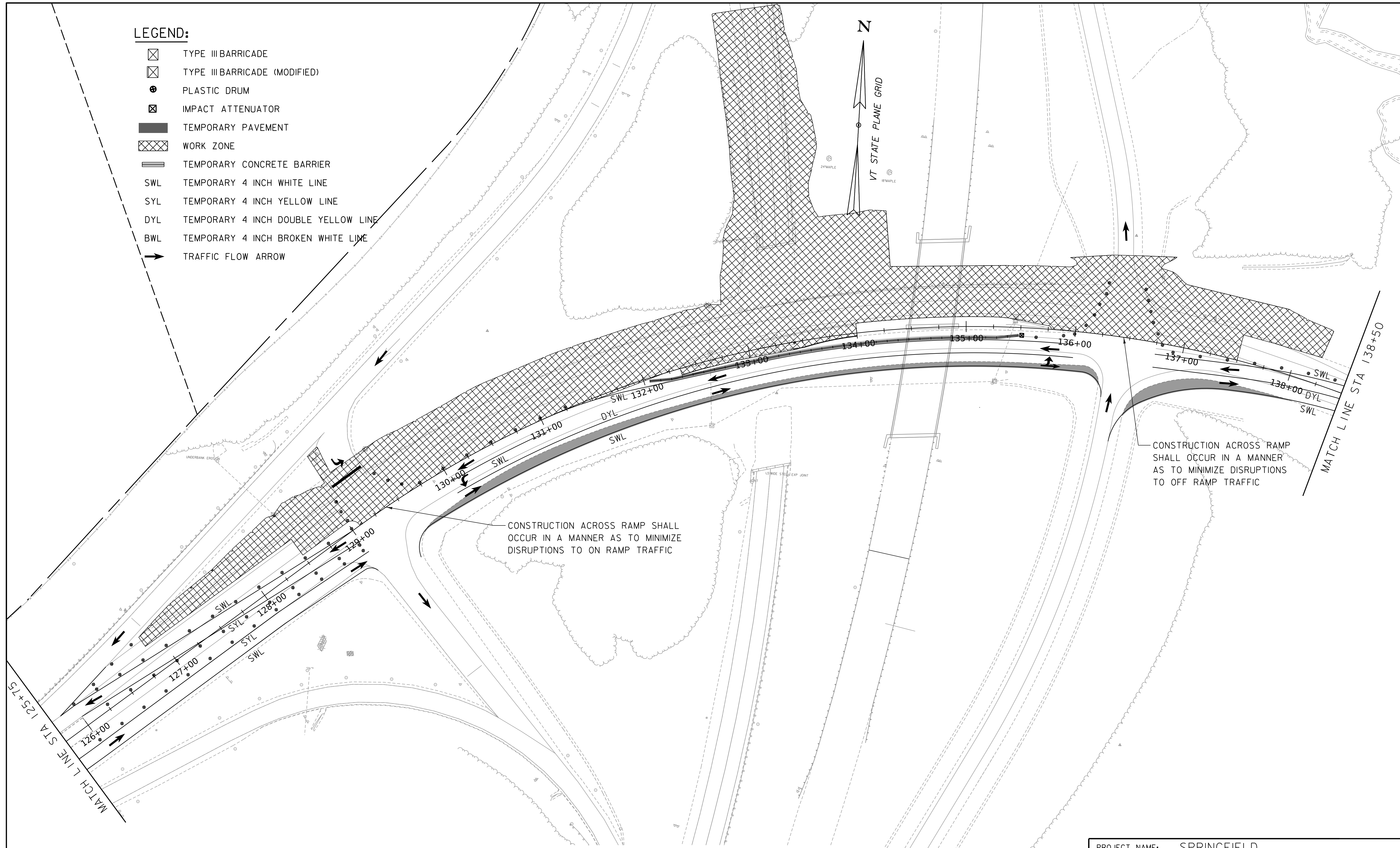
PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3bPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 3B SHEET 1	SHEET 124 OF 439



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

WORKING PLANS FOR REFERENCE ONLY



CONSTRUCTION ACROSS RAMP SHALL OCCUR IN A MANNER AS TO MINIMIZE DISRUPTIONS TO ON RAMP TRAFFIC

CONSTRUCTION ACROSS RAMP SHALL OCCUR IN A MANNER AS TO MINIMIZE DISRUPTIONS TO OFF RAMP TRAFFIC

NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 3B

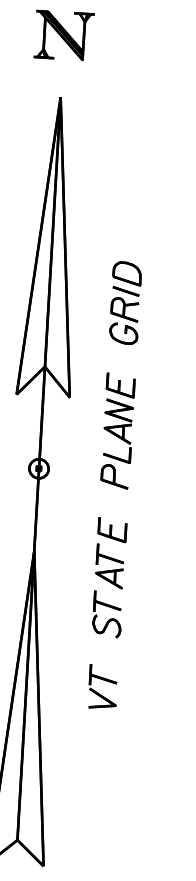
SCALE 1" = 40'-0"
40 0 40

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3bPLOT
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
CHARLESTOWN RD TCP PHASE 3B SHEET 2	SHEET 125 OF 439



PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: L. DRISCOLL

WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- TYPE III BARRICADE
- TYPE III BARRICADE (MODIFIED)
- PLASTIC DRUM
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- TRAFFIC FLOW ARROW

NOTE:

I-9I TRAFFIC CONTROL NOT SHOWN, SEE I-9I TRAFFIC CONTROL SHEETS.

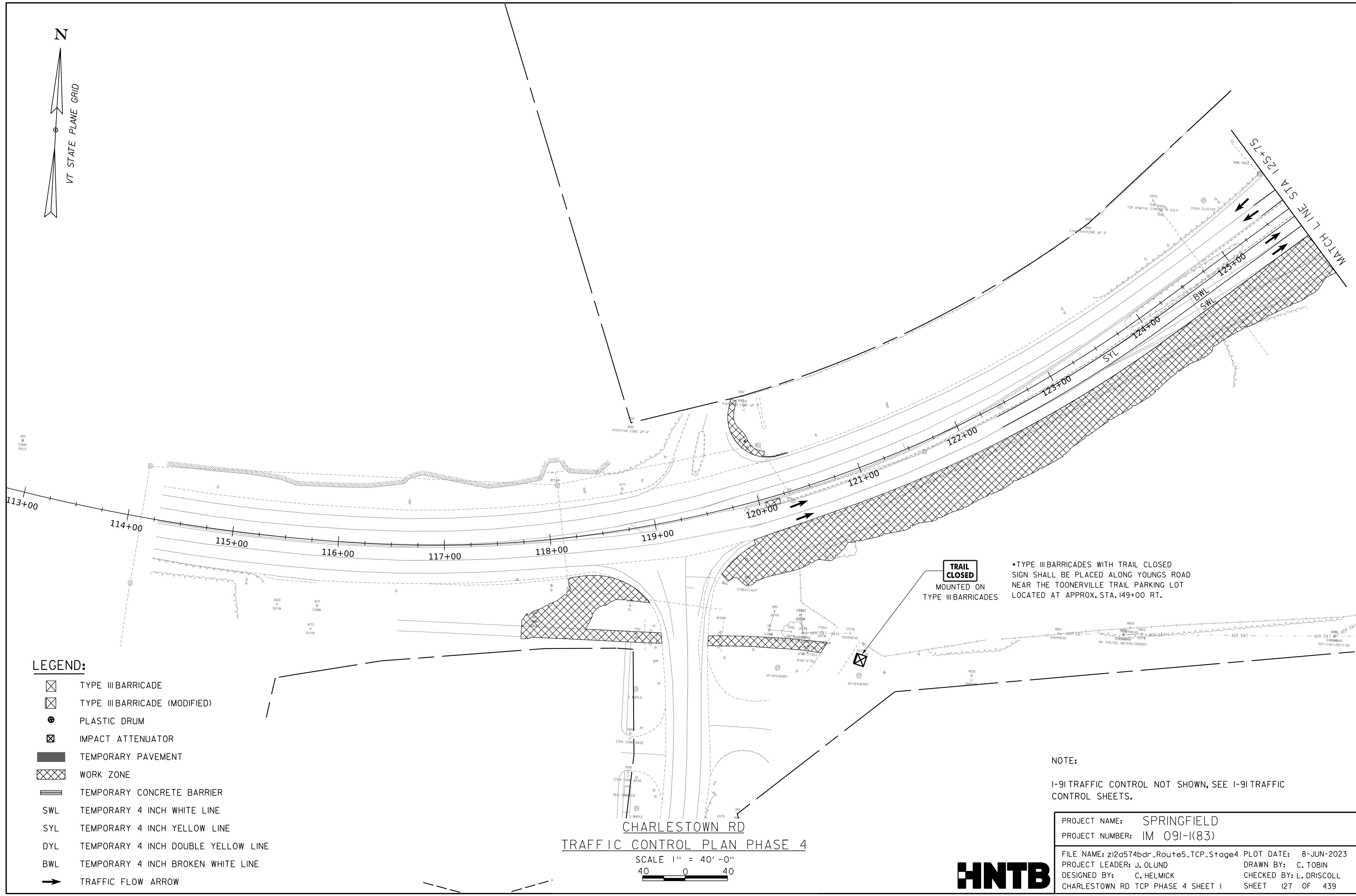
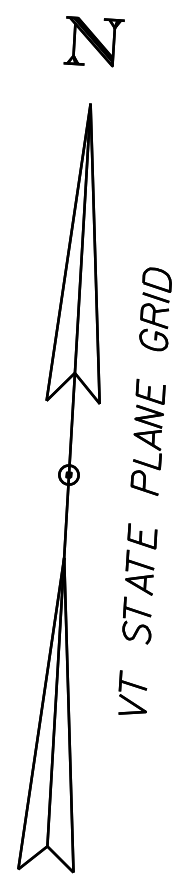
CHARLESTOWN RD
PHASE 3B TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 09I-I(83)
FILE NAME:	z12a574bdr_Route5_TCP_Stage3bPLOT DATE: 8-JUN-2023
PROJECT LEADER:	J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY:	C. HELMICK CHECKED BY: L. DRISCOLL
CHARLESTOWN RD TCP PHASE 3B SHEET 3	SHEET 126 OF 439

WORKING PLANS FOR REFERENCE ONLY



LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW

TRAIL CLOSED MOUNTED ON TYPE III BARRICADES

*TYPE III BARRICADES WITH TRAIL CLOSED SIGN SHALL BE PLACED ALONG YOUNGS ROAD NEAR THE TOONERVILLE TRAIL PARKING LOT LOCATED AT APPROX. STA. 149+00 RT.

NOTE:

I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

CHARLESTOWN RD TRAFFIC CONTROL PLAN PHASE 4

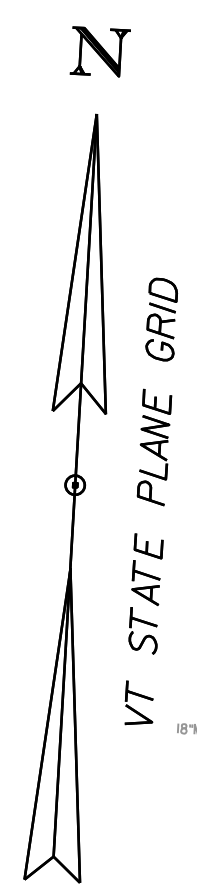
SCALE 1" = 40'-0" 40 0 40

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574bdr_Route5_TCP_Stage4	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		CHARLESTOWN RD TCP PHASE 4 SHEET 1		SHEET	127 OF 439

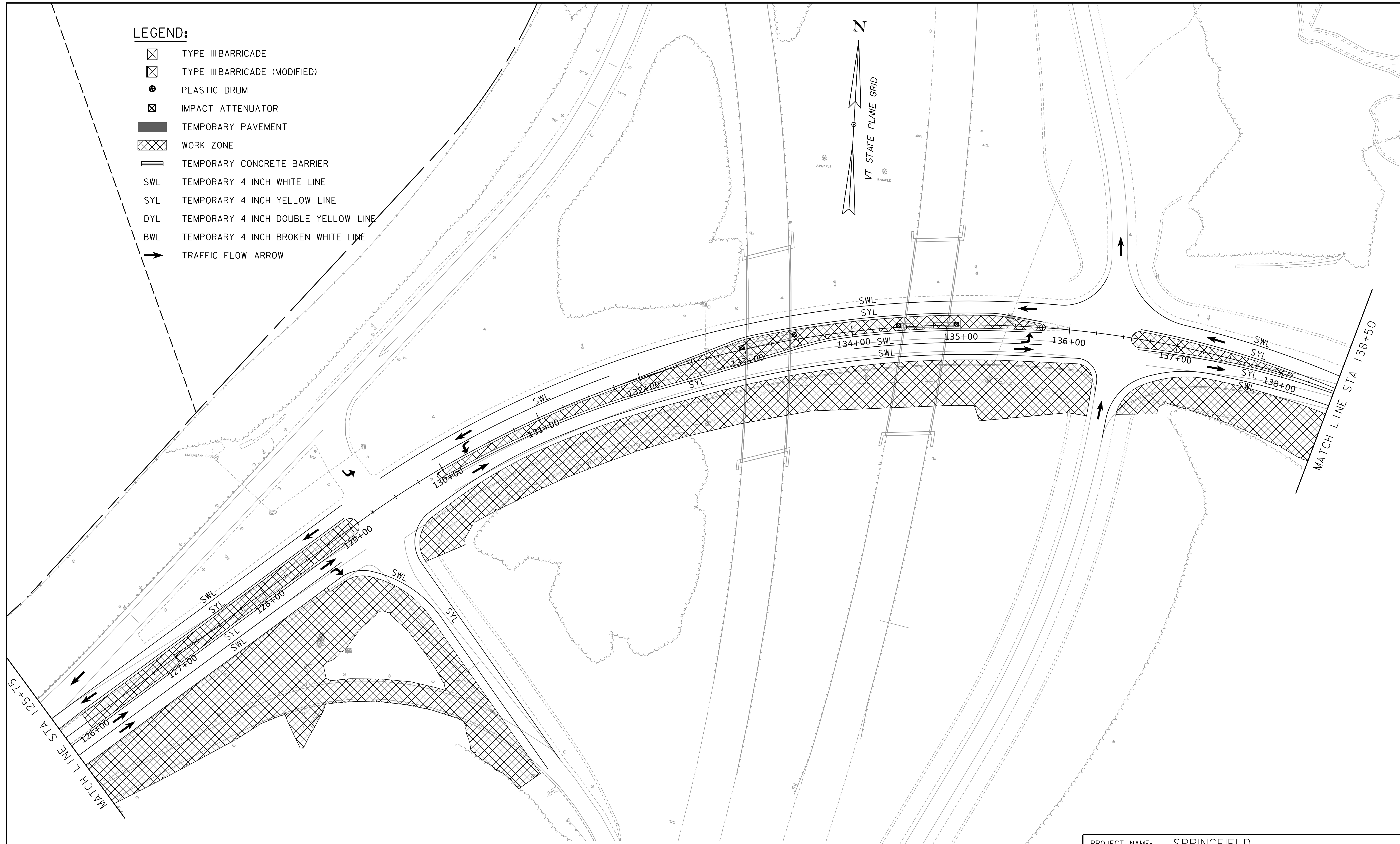


LEGEND:

- ☒ TYPE III BARRICADE
- ☒ TYPE III BARRICADE (MODIFIED)
- ⊕ PLASTIC DRUM
- ⊗ IMPACT ATTENUATOR
- ▬ TEMPORARY PAVEMENT
- ▨ WORK ZONE
- ▬▬ TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
- ➔ TRAFFIC FLOW ARROW



WORKING PLANS FOR REFERENCE ONLY



NOTE:
I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

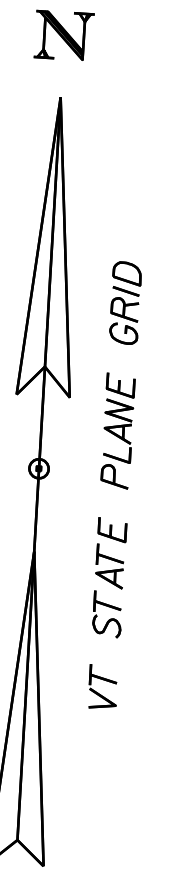
CHARLESTOWN RD
TRAFFIC CONTROL PLAN PHASE 4

SCALE 1" = 40'-0"
40 0 40

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574bdr_Route5_TCP.Stage4	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	128 OF 439
DESIGNED BY:	C. HELMICK		
CHARLESTOWN RD TCP PHASE 4 SHEET 2			




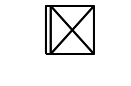






WORKING PLANS FOR REFERENCE ONLY



CHARLESTOWN RD
PHASE 4 TRAFFIC CONTROL PLAN

SCALE 1" = 40' - 0"
40 0 40

LEGEND:

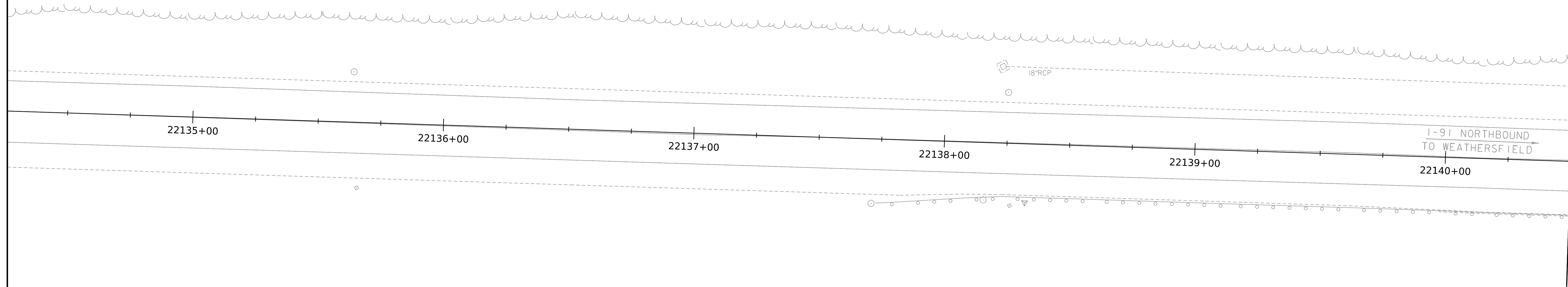
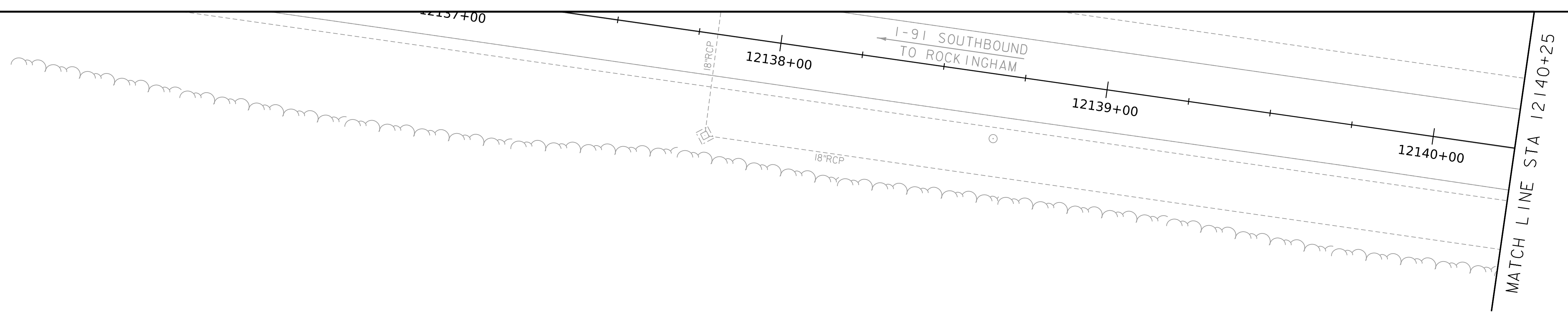
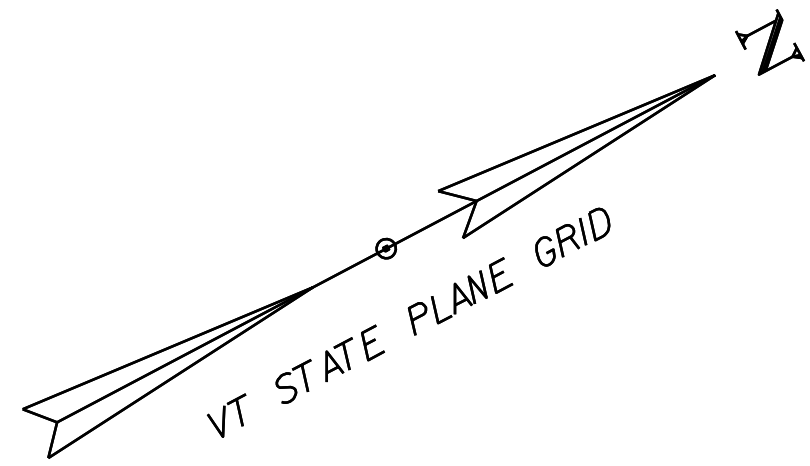
-  TYPE III BARRICADE
-  TYPE III BARRICADE (MODIFIED)
-  PLASTIC DRUM
-  IMPACT ATTENUATOR
-  TEMPORARY PAVEMENT
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
- SWL TEMPORARY 4 INCH WHITE LINE
- SYL TEMPORARY 4 INCH YELLOW LINE
- DYL TEMPORARY 4 INCH DOUBLE YELLOW LINE
- BWL TEMPORARY 4 INCH BROKEN WHITE LINE
-  TRAFFIC FLOW ARROW

NOTE:

I-91 TRAFFIC CONTROL NOT SHOWN, SEE I-91 TRAFFIC CONTROL SHEETS.

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574bdr_Route5_TCP.Stage4
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
CHARLESTOWN RD TCP PHASE 4 SHEET 3	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. TOBIN
CHECKED BY:	L. DRISCOLL
SHEET	129 OF 439



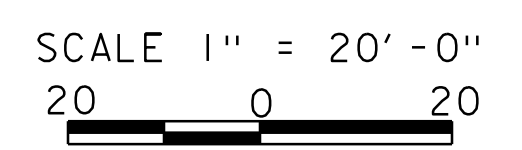


WORKING PLANS FOR REFERENCE ONLY

- SIGNING LEGEND**
- N - NEW
 - R - REMOVE
 - RET - RETAIN
 - R&S - REMOVE AND SALVAGE
 - S - RESET SIGN
 - B-B - BACK TO BACK
 - EXISTING ASSEMBLY
 - ▭ PROPOSED ASSEMBLY

- STRIPING LEGEND**
- BWL = BROKEN WHITE LINE
 - DWL = DASHED WHITE LINE
 - DYL = DOUBLE YELLOW LINE
 - SWL = SOLID WHITE LINE
 - SYL = SOLID YELLOW LINE

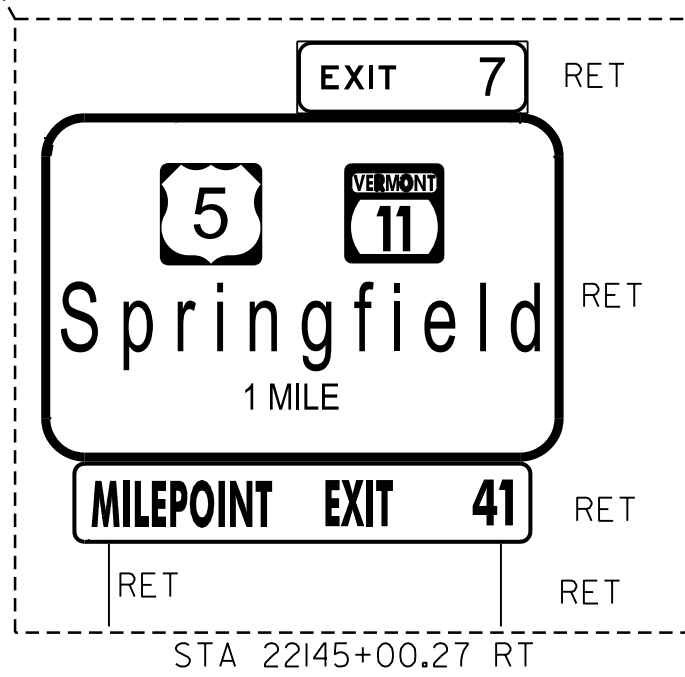
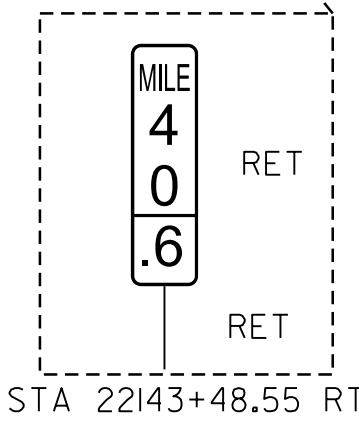
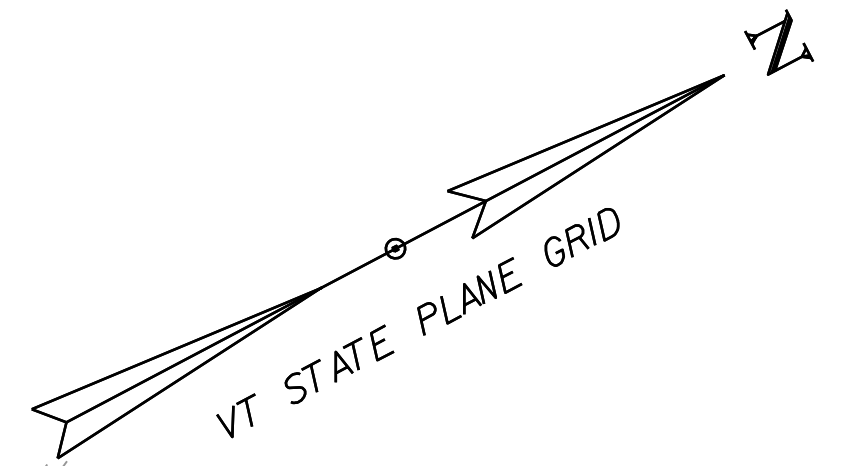
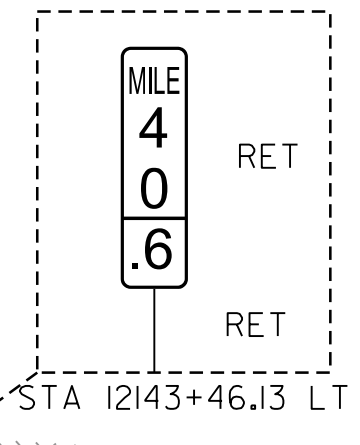
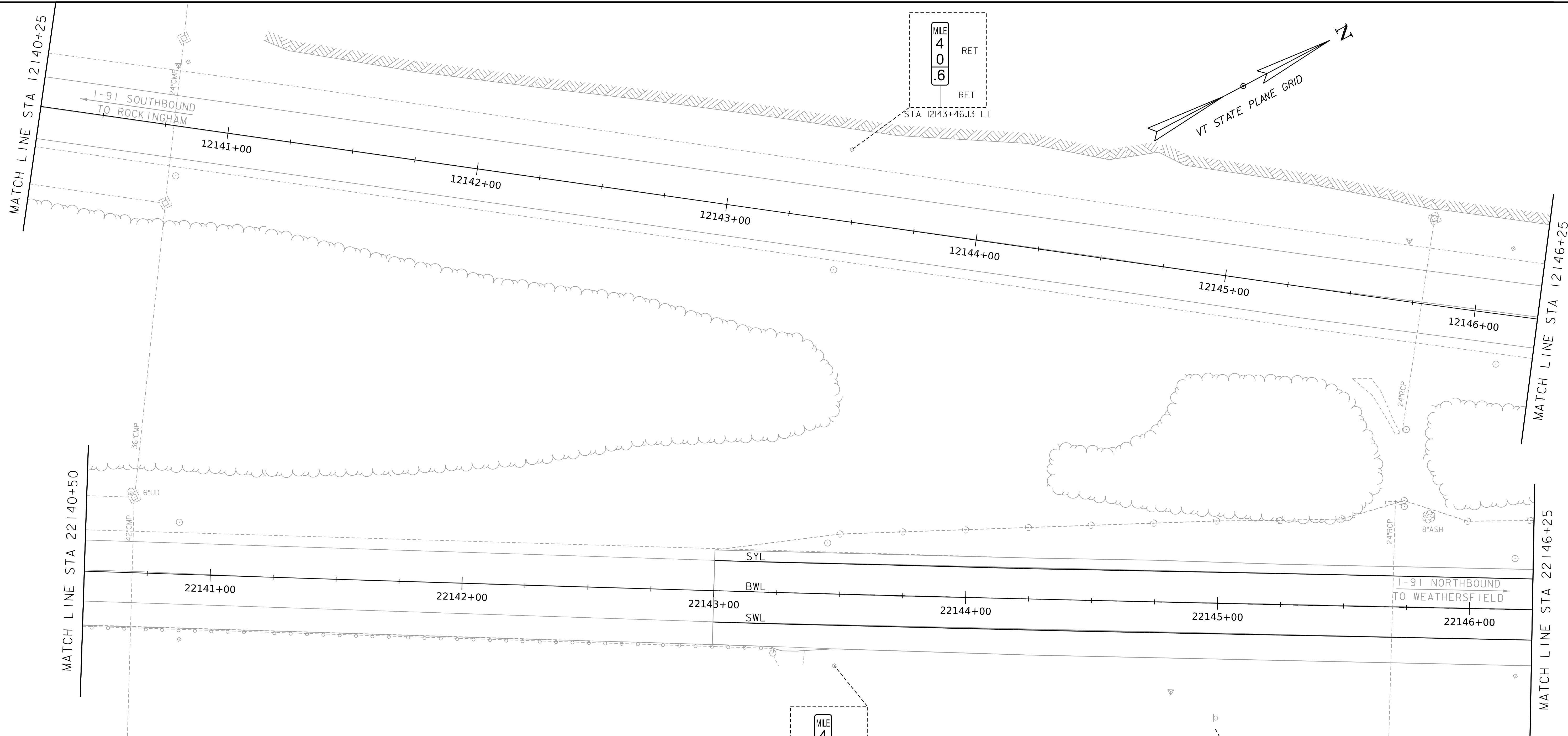
SIGN & PAVEMENT MARKING SHEET



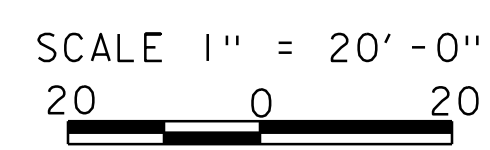
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 1	SHEET 130 OF 439



WORKING PLANS FOR REFERENCE ONLY

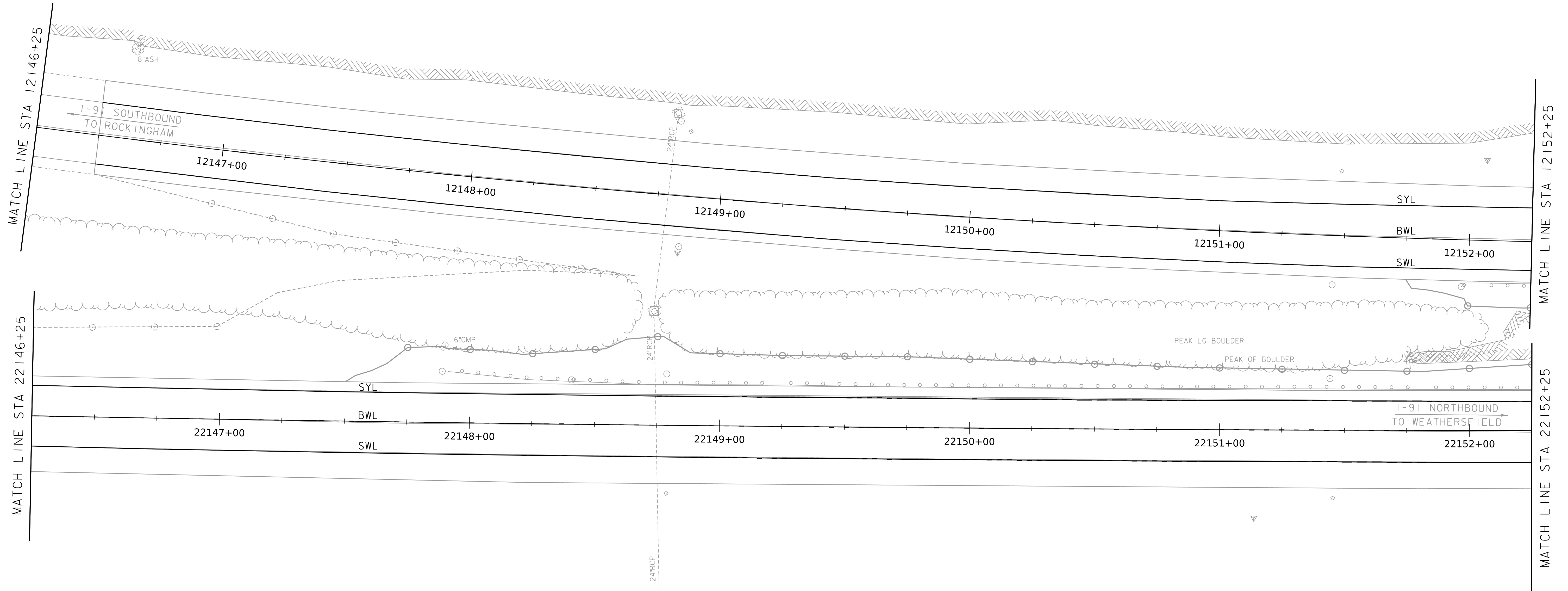
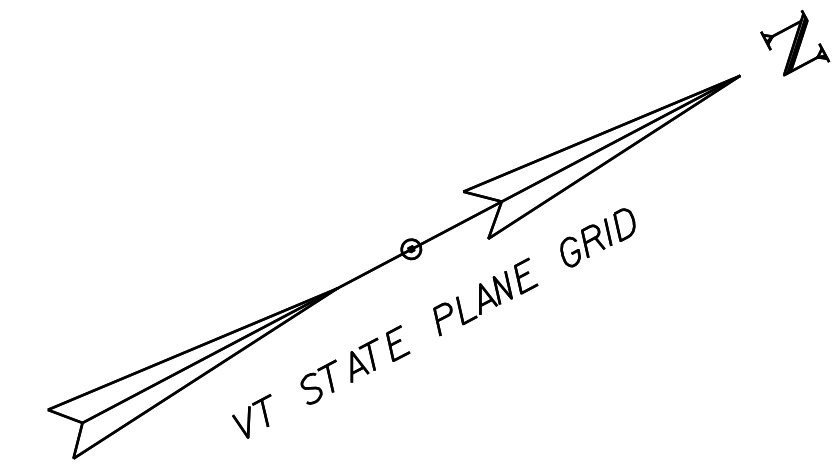


SIGN & PAVEMENT MARKING SHEET



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 2	SHEET 131 OF 439

WORKING PLANS FOR REFERENCE ONLY



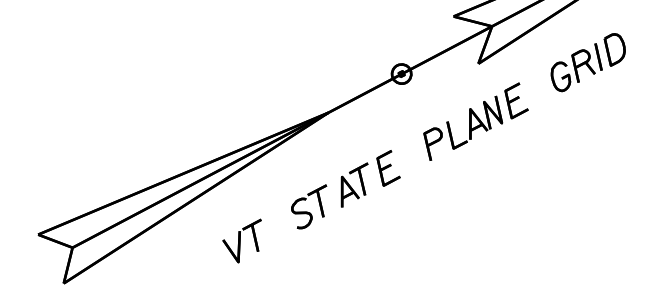
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 09I-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 3 SHEET 132 OF 439	

WORKING PLANS FOR REFERENCE ONLY

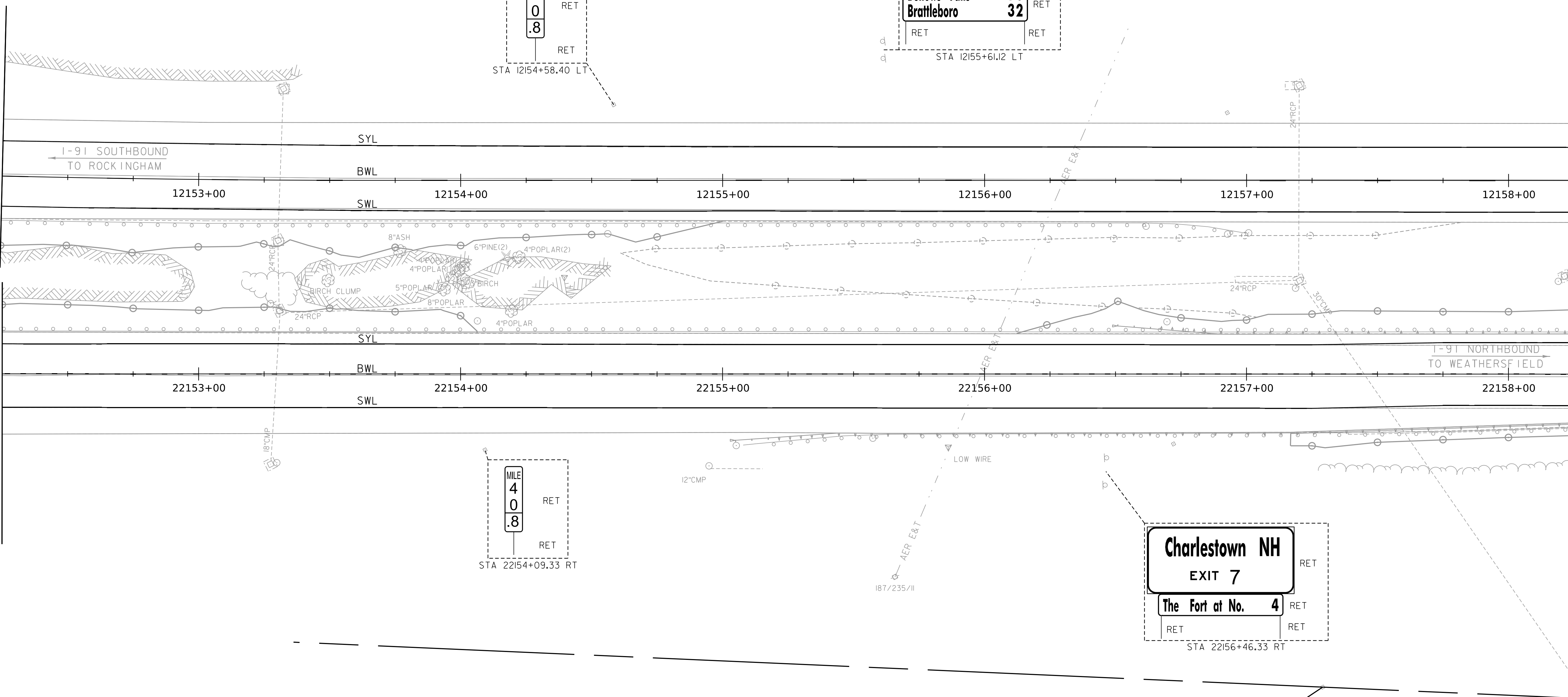
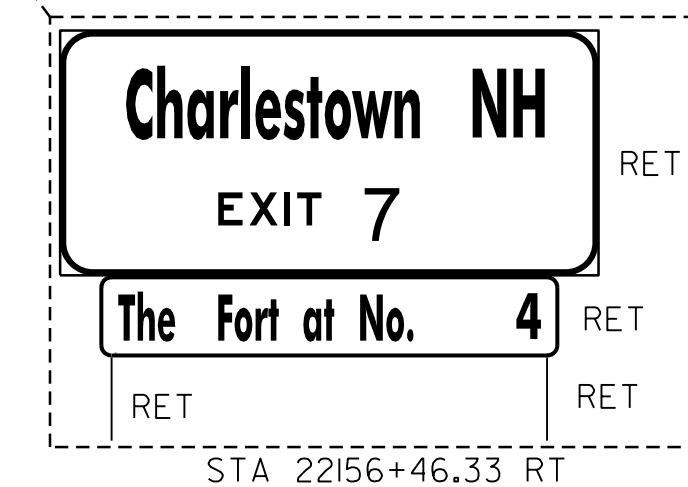
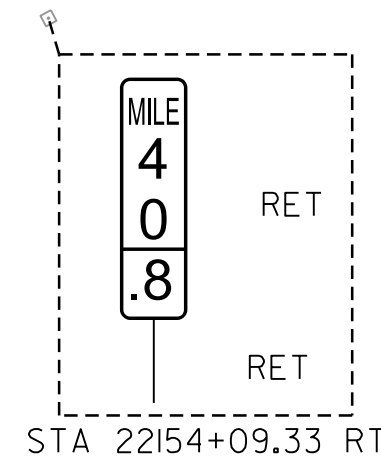
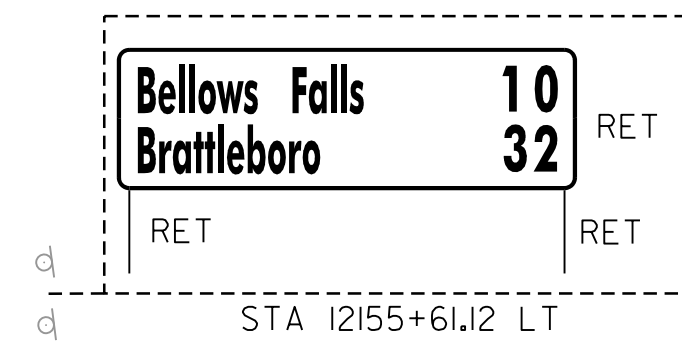
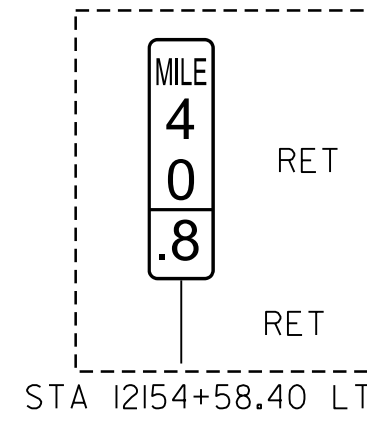


MATCH LINE STA 12152+25

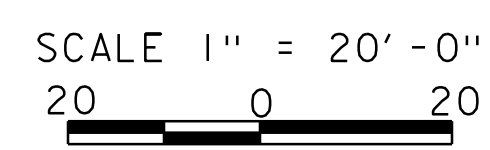
MATCH LINE STA 22152+25

MATCH LINE STA 12158+25

MATCH LINE STA 22158+25

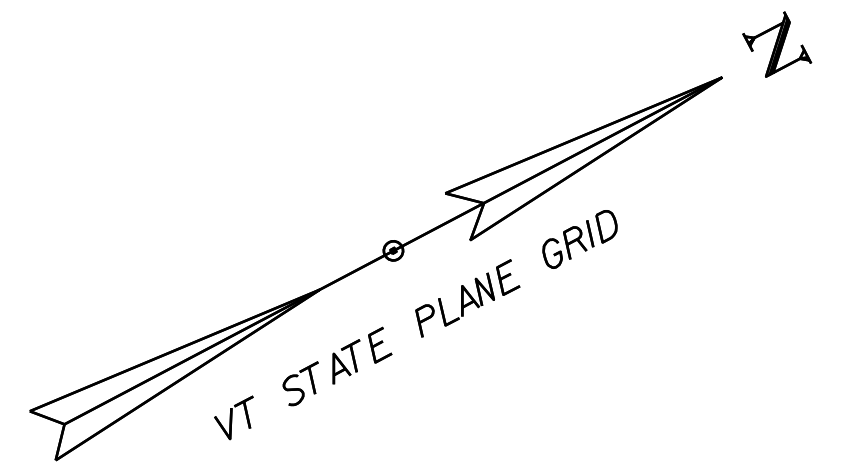
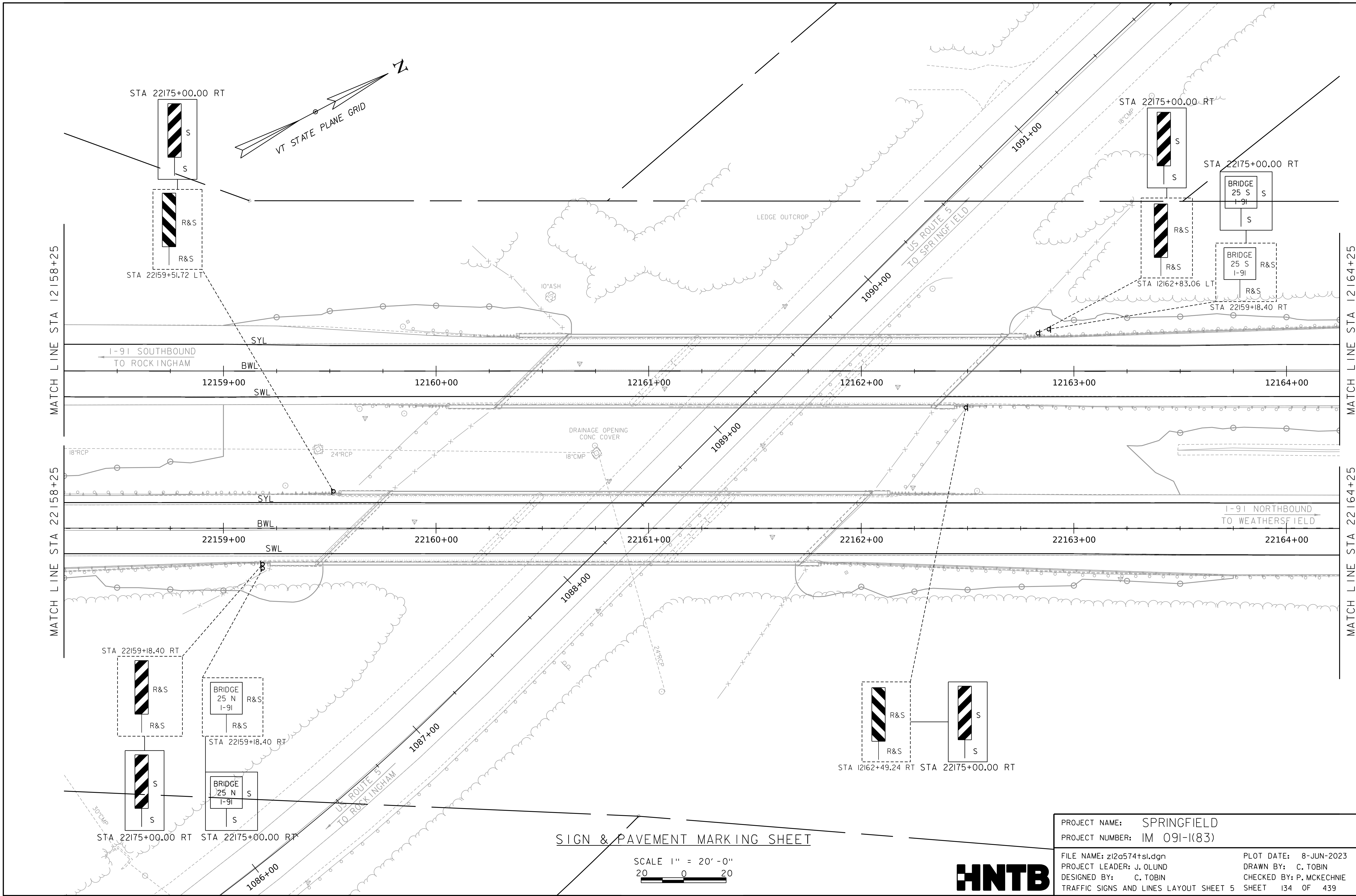


SIGN & PAVEMENT MARKING SHEET

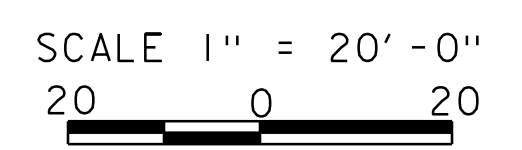


PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 4	SHEET 133 OF 439

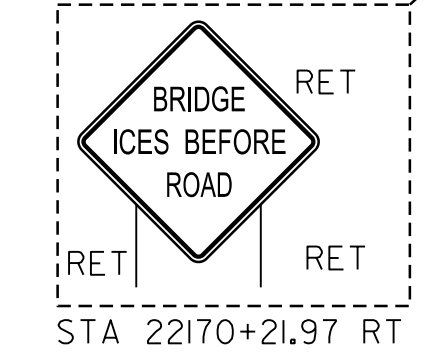
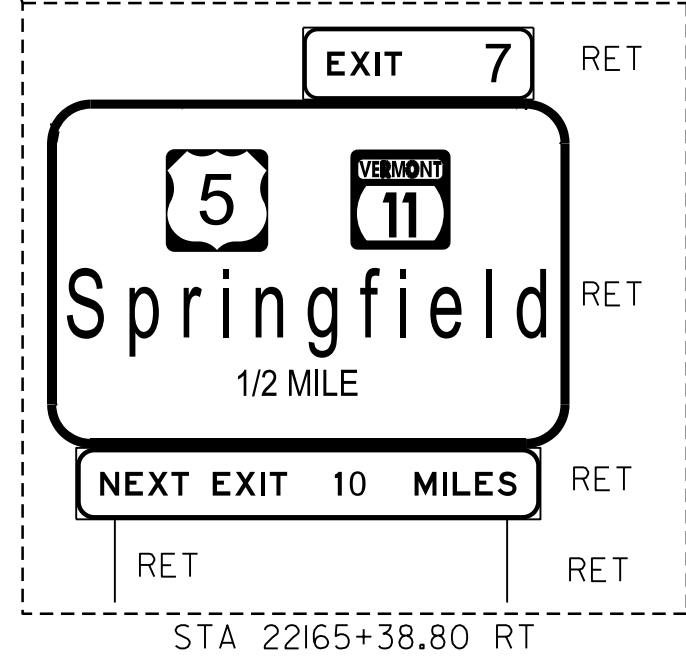
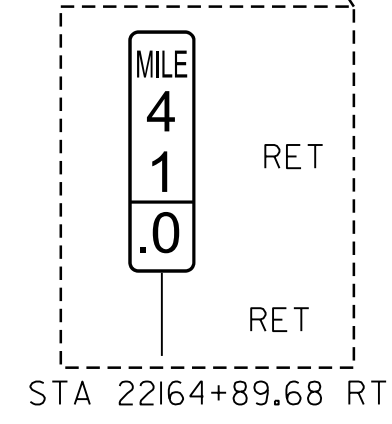
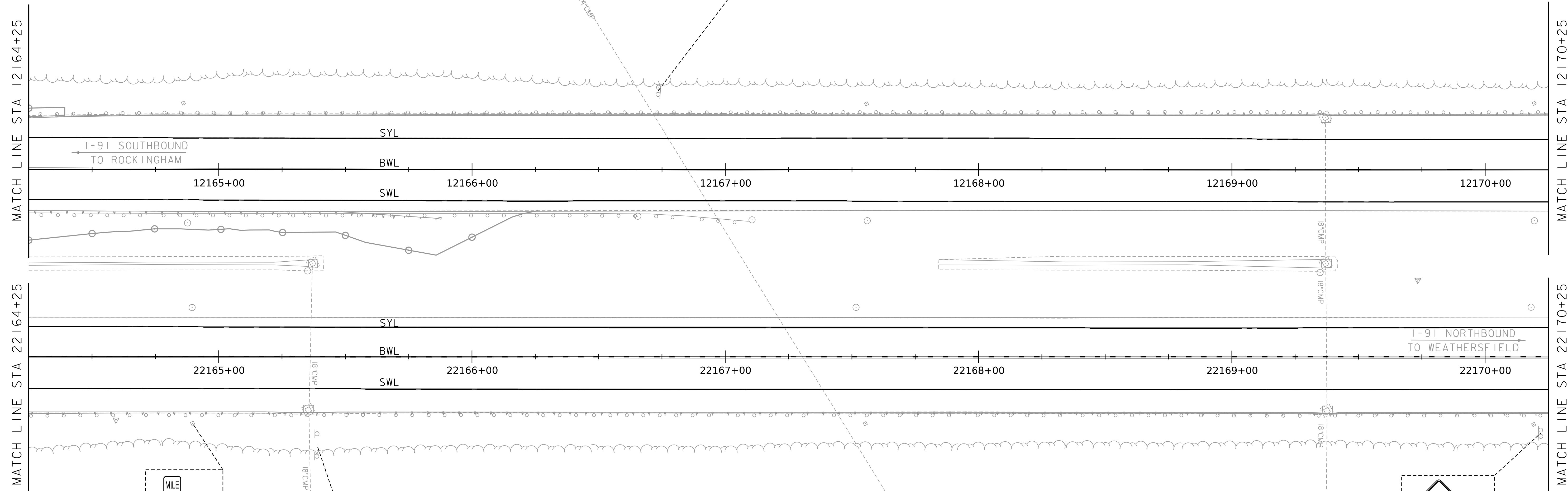
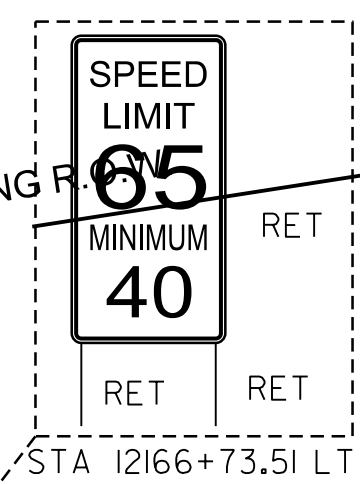
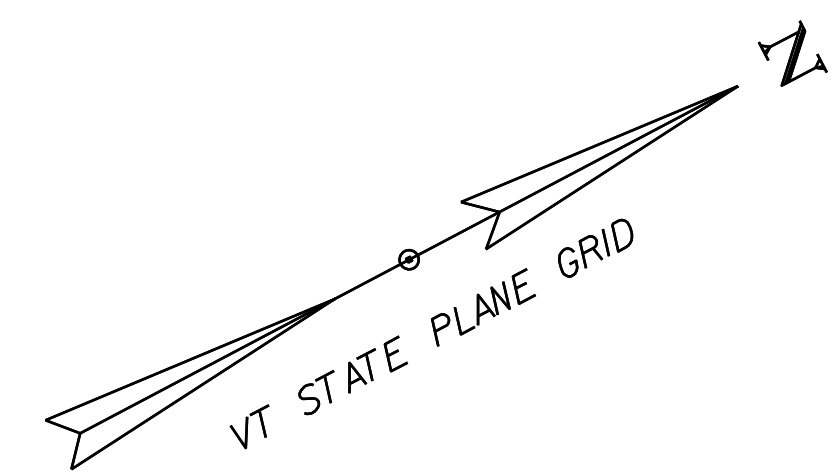
WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET

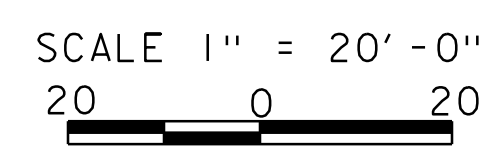


PROJECT NAME: SPRINGFIELD		PLOT DATE: 8-JUN-2023	
PROJECT NUMBER: IM 091-I(83)		DRAWN BY: C. TOBIN	
FILE NAME: z12a574+sl.dgn	DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE	TRAFFIC SIGNS AND LINES LAYOUT SHEET 5 SHEET 134 OF 439



WORKING PLANS FOR REFERENCE ONLY

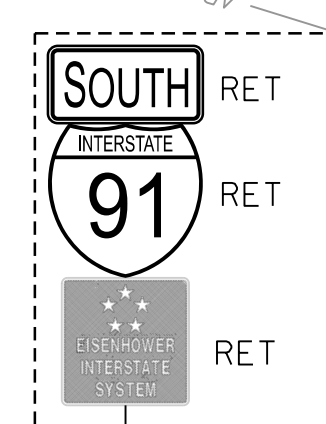
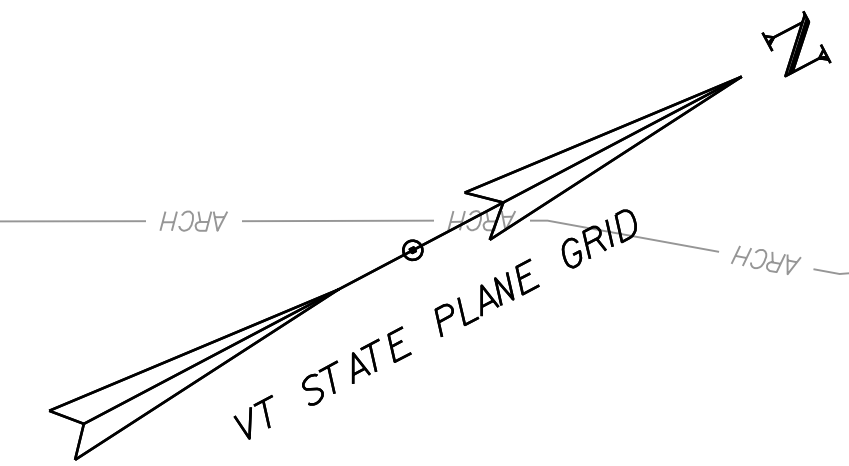
SIGN & PAVEMENT MARKING SHEET



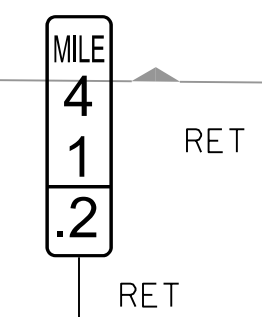
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 6 SHEET 135 OF 439	

WORKING PLANS FOR REFERENCE ONLY

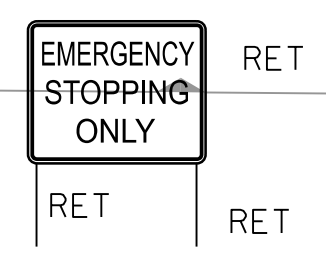
EXISTING R.O.W.



STA 12171+08.78 LT



STA 12174+98.32 LT



STA 12175+87.35 LT

MATCH LINE STA 12170+25

MATCH LINE STA 12176+40

MATCH LINE STA 22170+25

MATCH LINE STA 22176+40

I-91 SOUTHBOUND TO ROCK INGHAM

I-91 NORTHBOUND TO WEATHERSFIELD

12171+00 12172+00 12173+00 12174+00 12175+00 12176+00

22171+00 22172+00 22173+00 22174+00 22175+00 22176+00

SYL

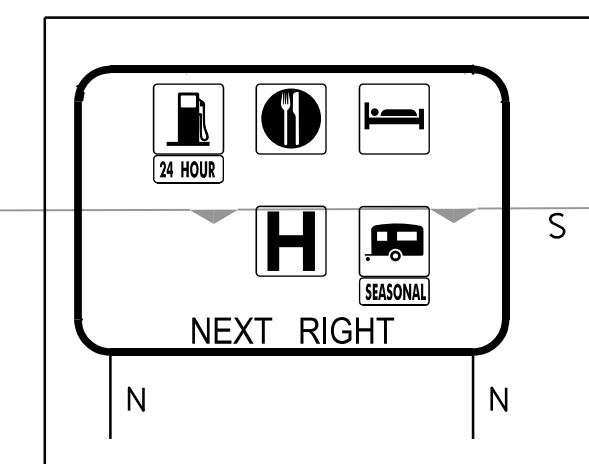
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SWL

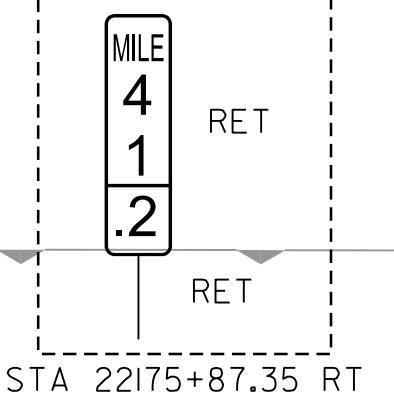
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BWL

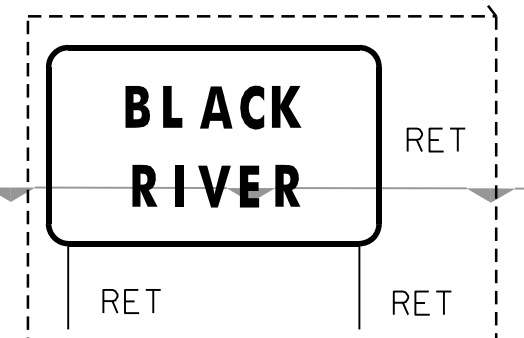
SWL



STA 22175+00.00 RT



STA 22175+87.35 RT



STA 22175+96.16 RT

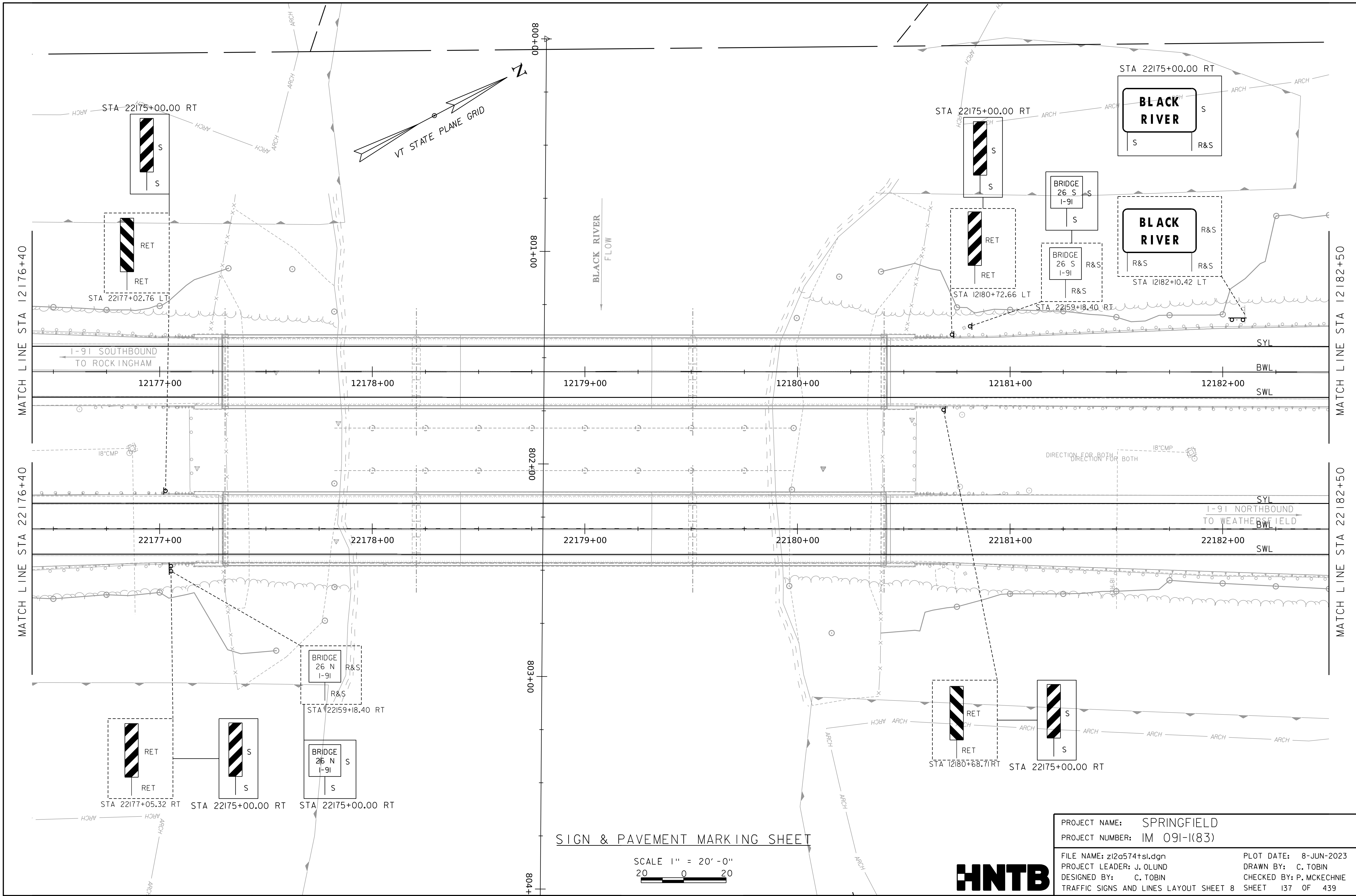
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 9-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 7	SHEET 136 OF 439

WORKING PLANS FOR REFERENCE ONLY



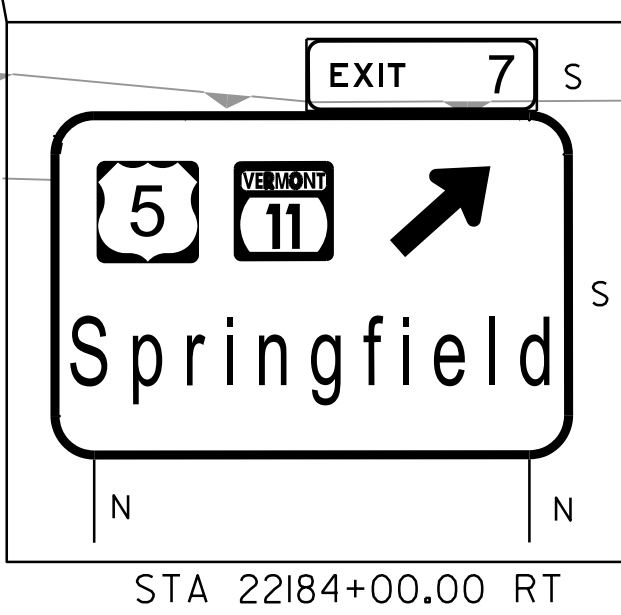
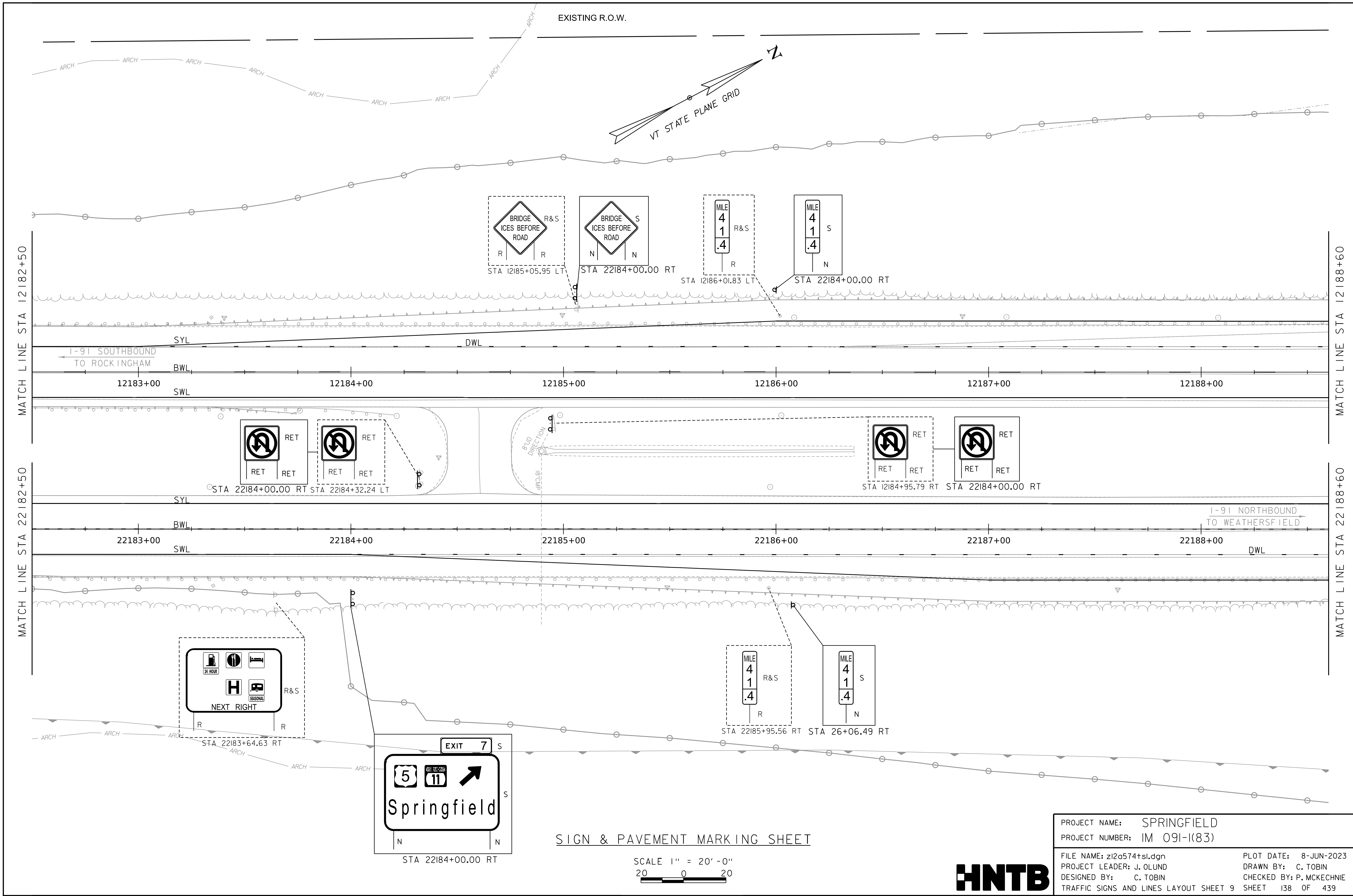
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 8	SHEET 137 OF 439

WORKING PLANS FOR REFERENCE ONLY



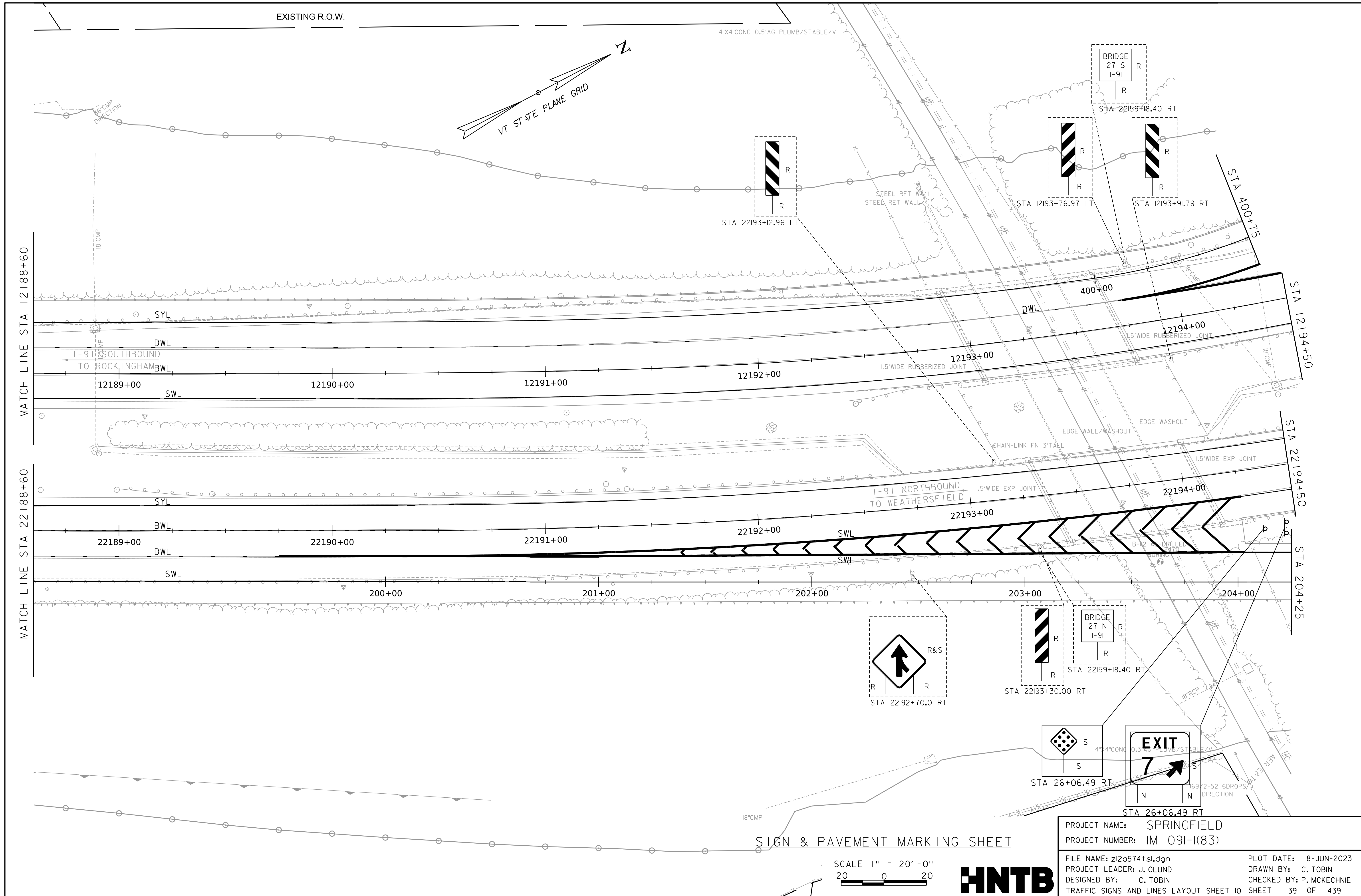
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 9	SHEET 138 OF 439



WORKING PLANS FOR REFERENCE ONLY



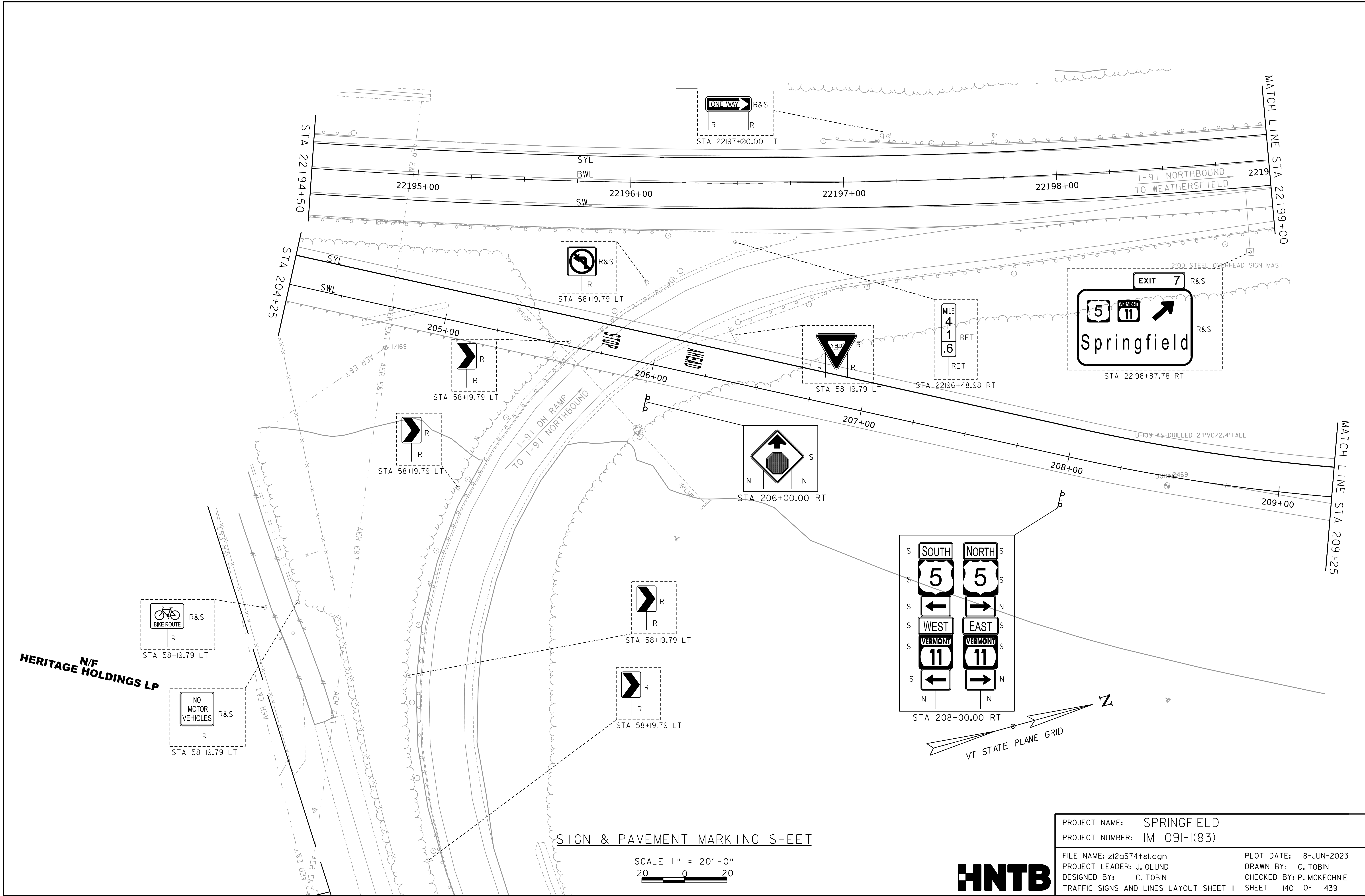
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"
20 0 20



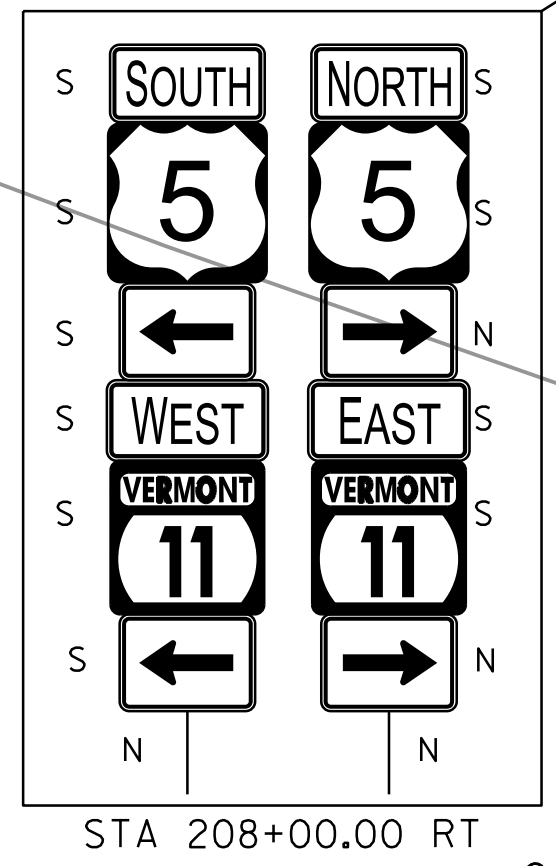
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574t.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 10 SHEET 139 OF 439	

WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET

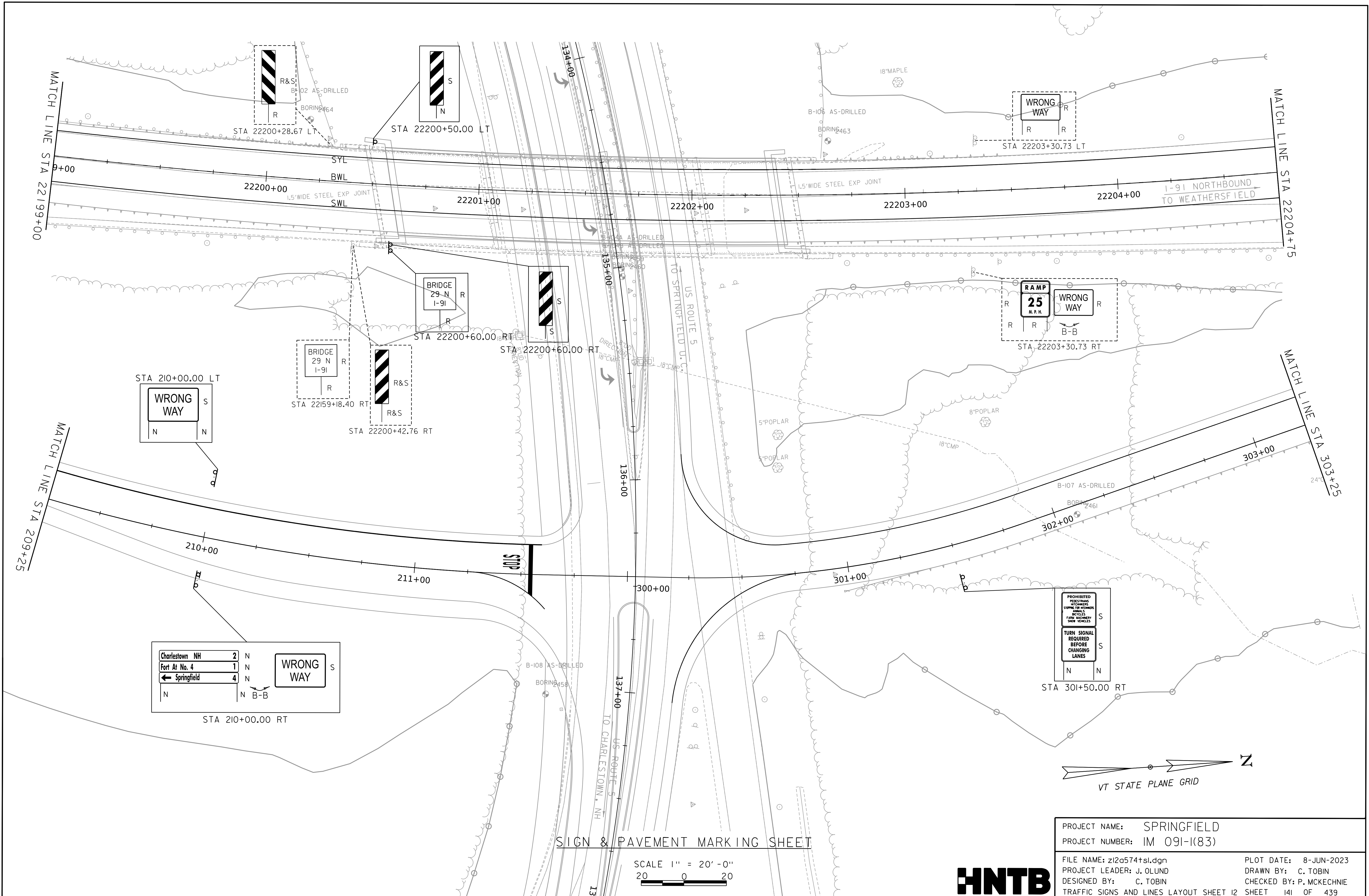
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574t.sl.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. TOBIN	CHECKED BY:	P. MCKECHNIE
		TRAFFIC SIGNS AND LINES LAYOUT SHEET II		SHEET	140 OF 439

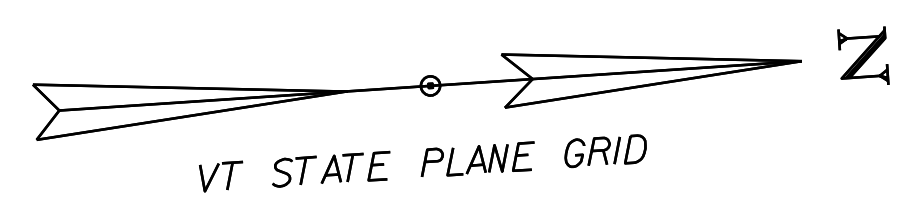


WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET

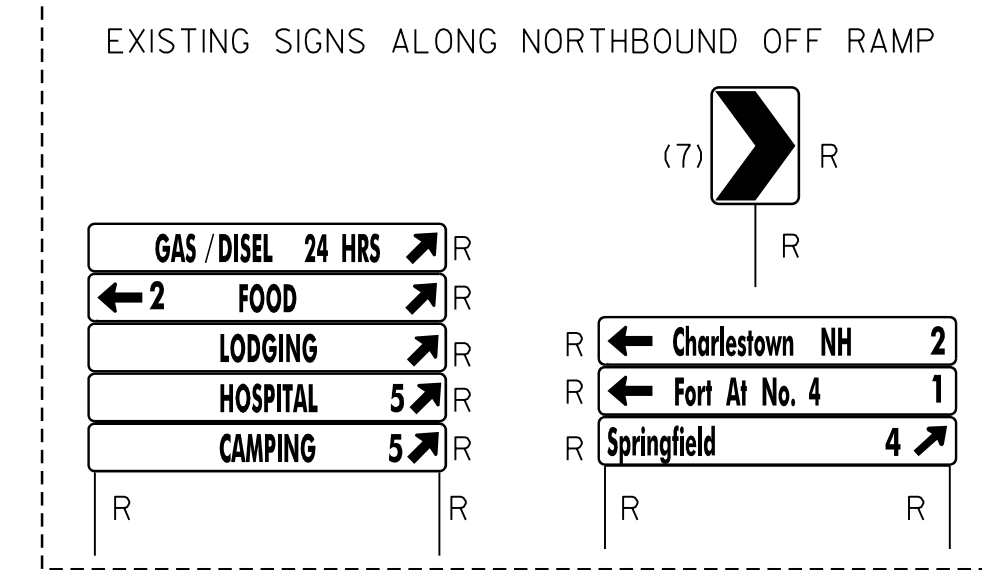
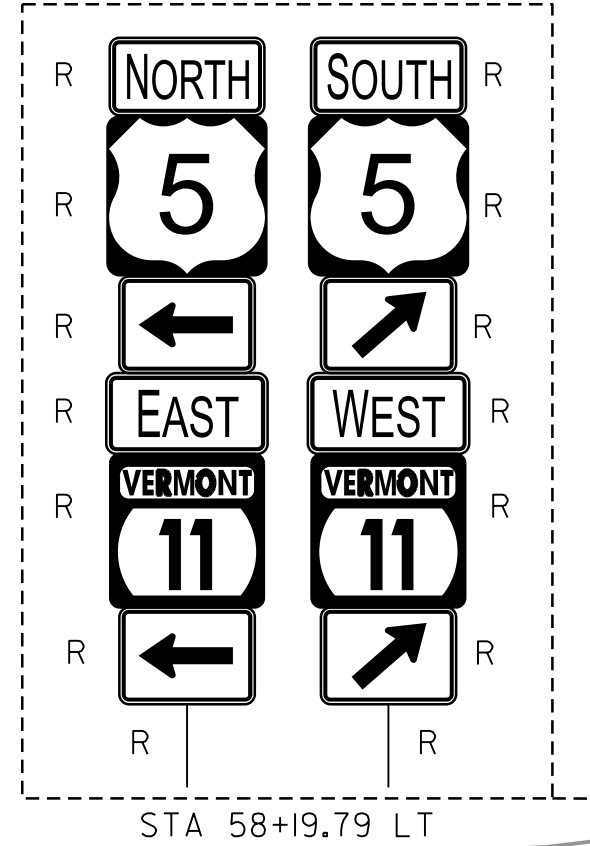
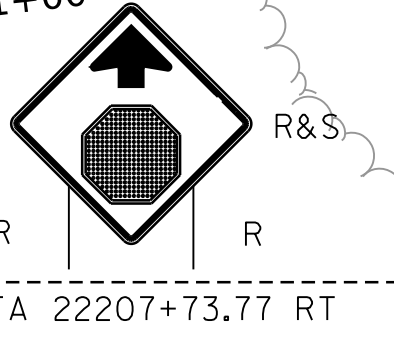
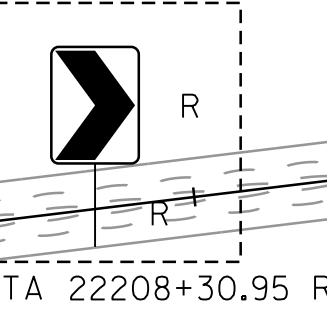
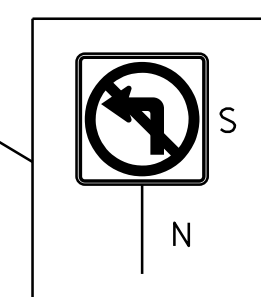
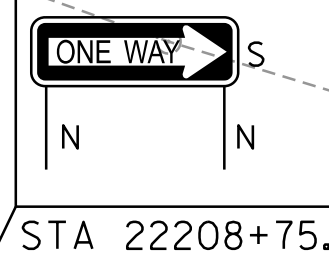
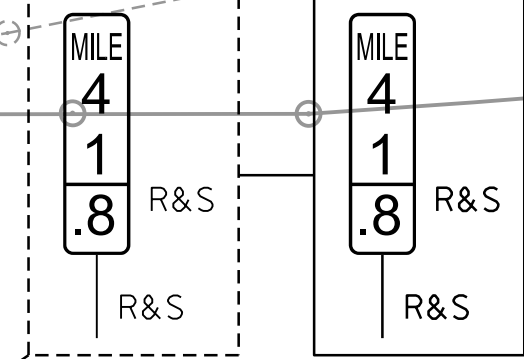
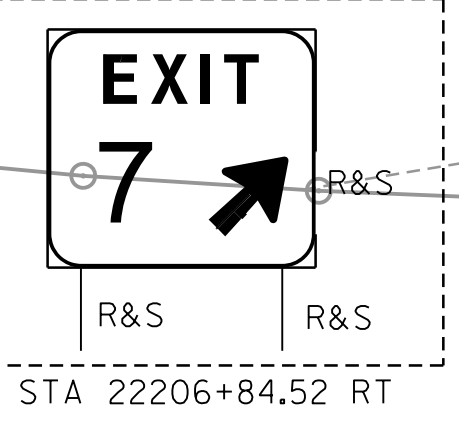
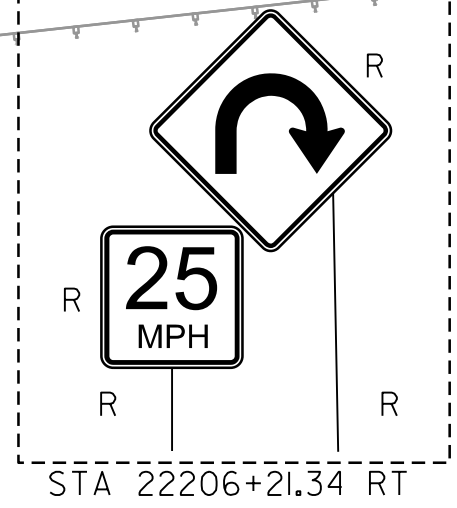
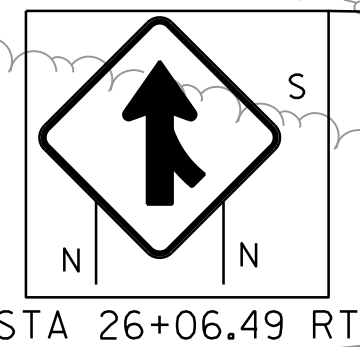
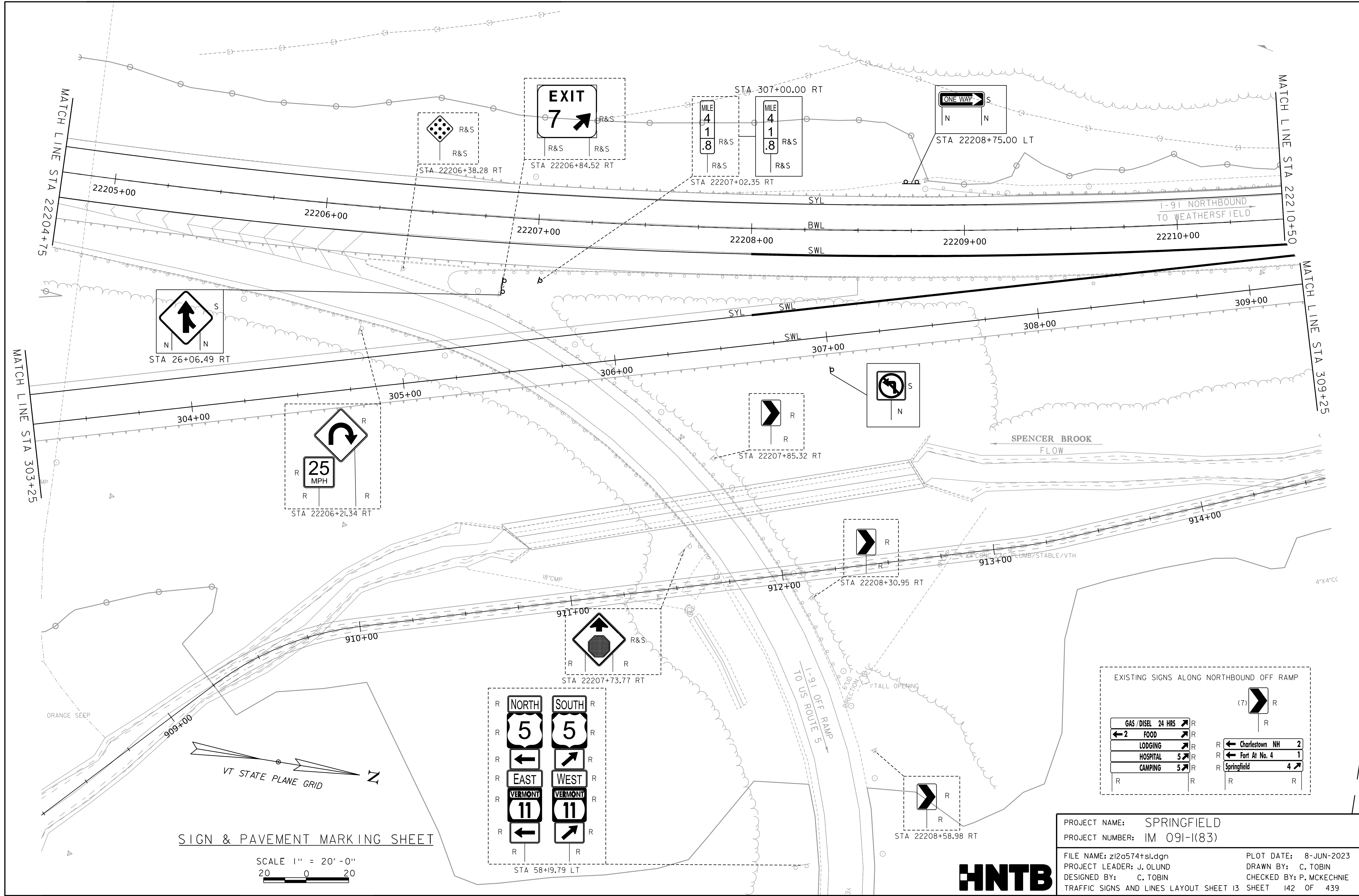
SCALE 1" = 20' - 0"
20 0 20



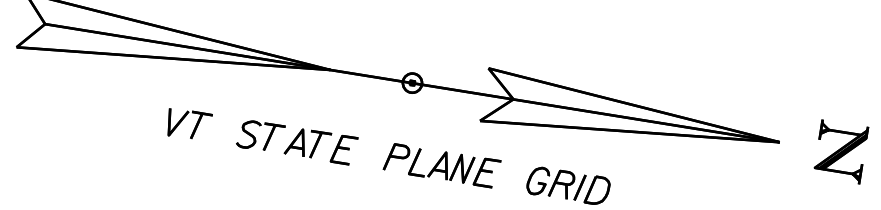
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574+sl.dgn	CHECKED BY:	P. MCKECHNIE
PROJECT LEADER:	J. OLUND	TRAFFIC SIGNS AND LINES LAYOUT SHEET 12	SHEET 141 OF 439



WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET



SCALE 1" = 20'-0"

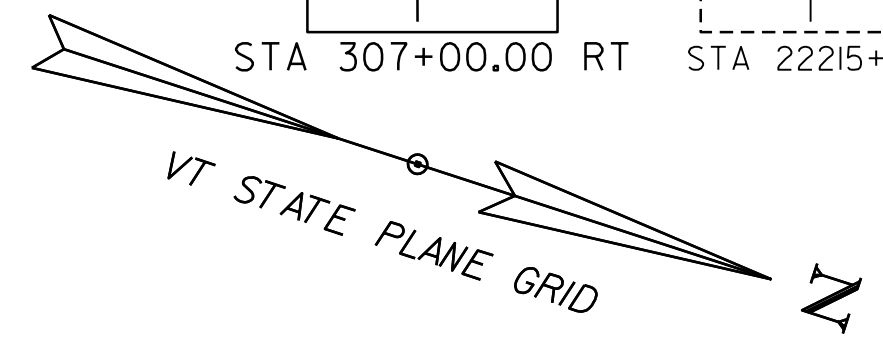
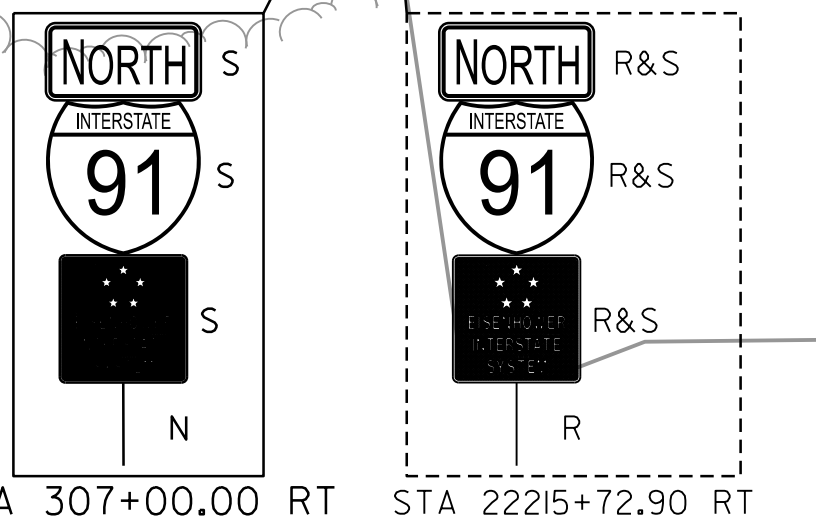
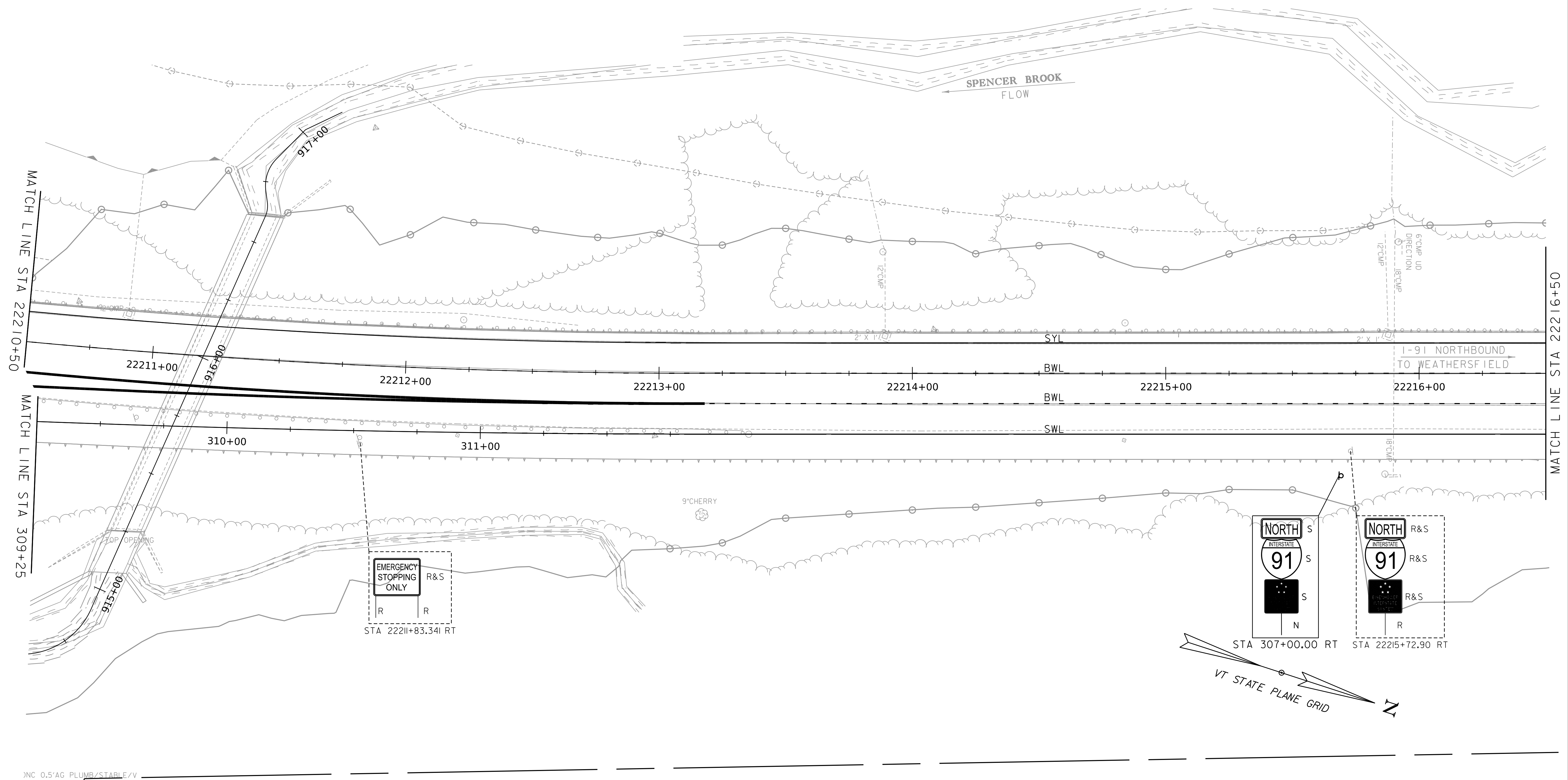
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574+sl.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. TOBIN
 TRAFFIC SIGNS AND LINES LAYOUT SHEET 13 SHEET 142 OF 439

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. TOBIN
 CHECKED BY: P. MCKECHNIE



WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET

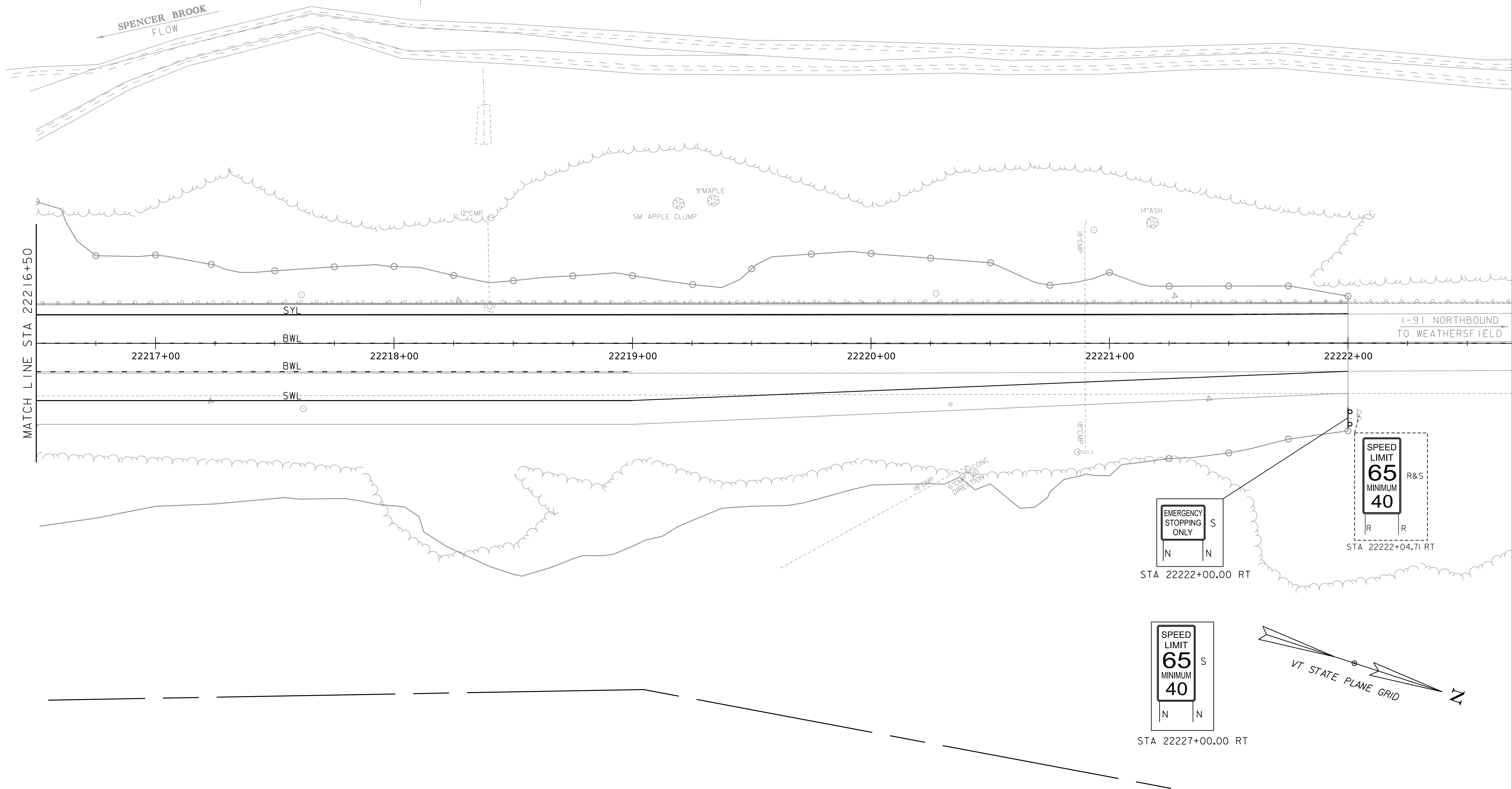
SCALE 1" = 20' - 0"
 20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-I(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 14 SHEET 143 OF 439	

JNC 0.5'AG PLUMB/STABLE/V

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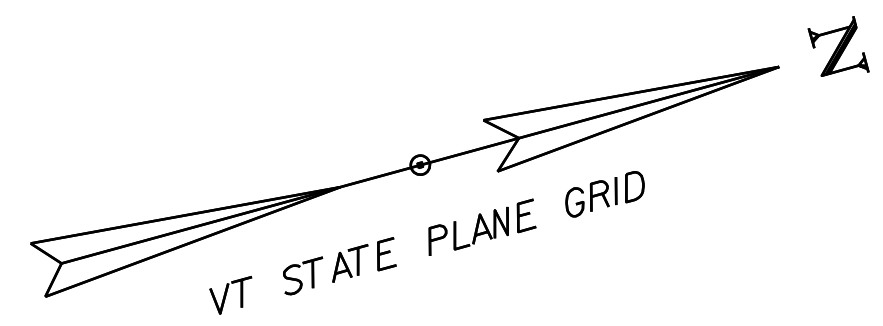


SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20'-0"
20 0 20

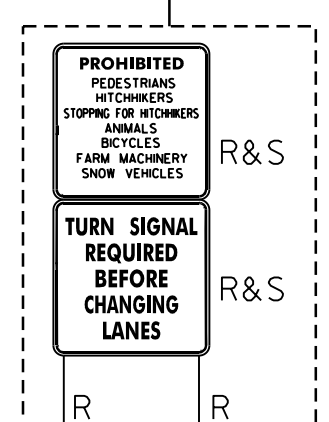
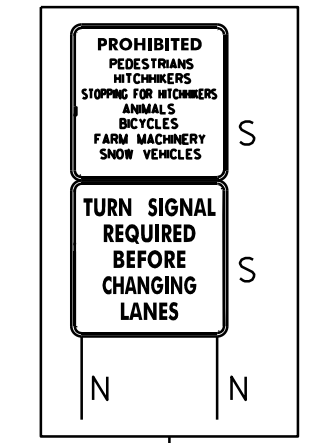


PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574t.sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 15 SHEET 144 OF 439	

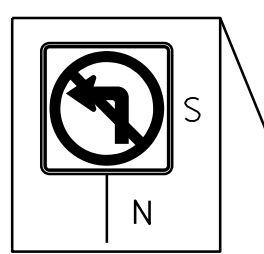


WORKING PLANS FOR REFERENCE ONLY

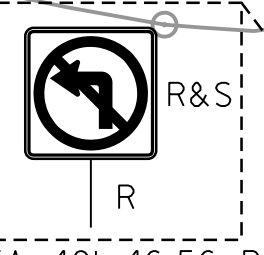
STA 208+00.00 RT



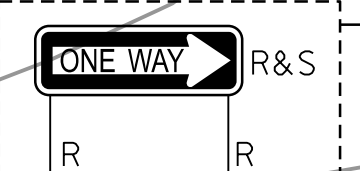
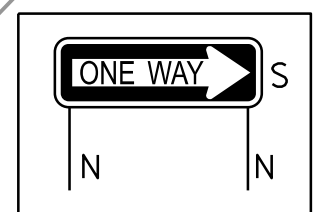
STA 403+26.77 LT



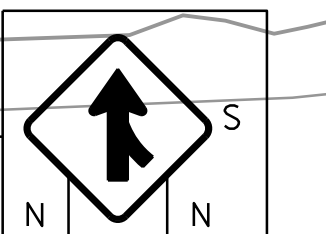
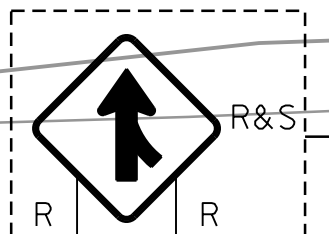
STA 206+00.00 RT



STA 401+46.56 RT



STA 12194+84.76 RT



STA 12196+38.48 LT STA 208+00.00 RT

STA 400+75

MATCH LINE STA 12198+75

I-91 SOUTHBOUND TO ROCK INGHAM

SIGN & PAVEMENT MARKING SHEET

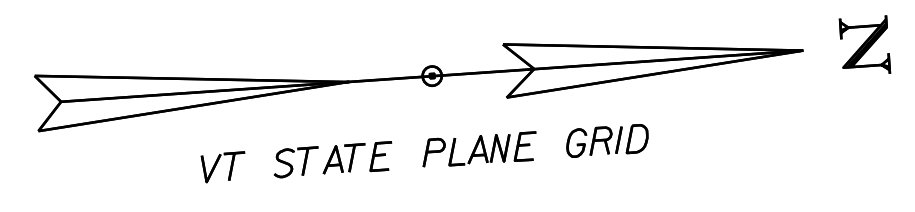
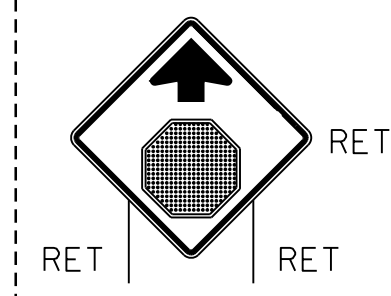
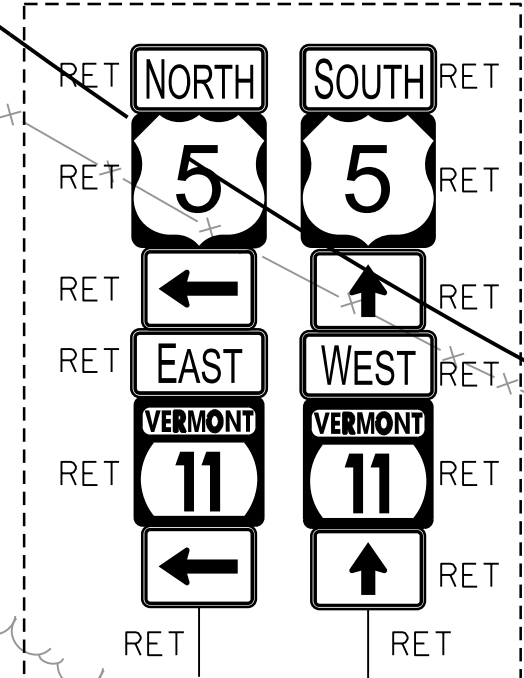
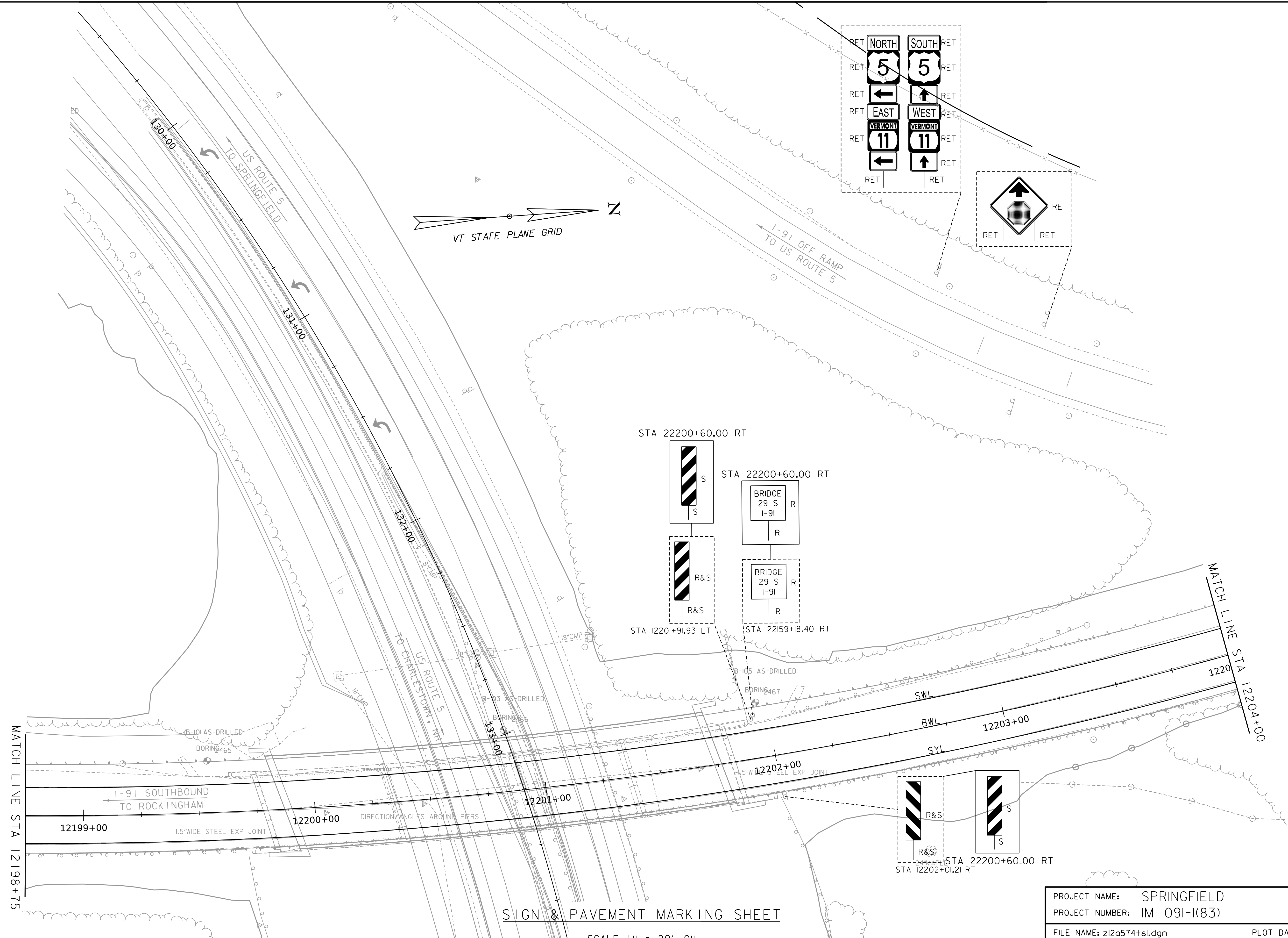
SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574t.sl.dgn PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: C. TOBIN
 DESIGNED BY: C. TOBIN CHECKED BY: P. MCKECHNIE
 TRAFFIC SIGNS AND LINES LAYOUT SHEET 16 SHEET 145 OF 439



WORKING PLANS FOR REFERENCE ONLY



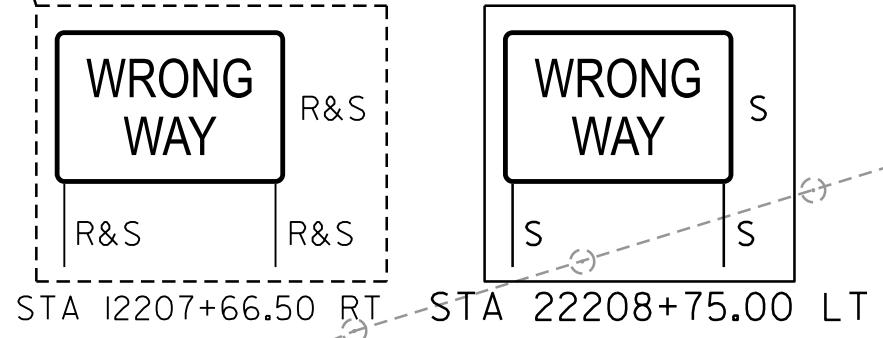
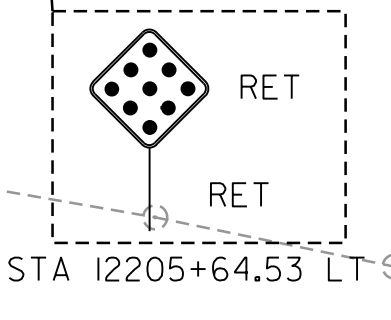
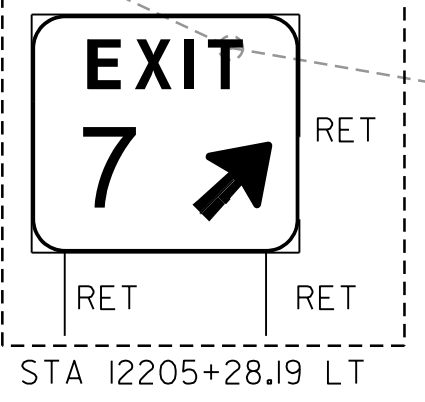
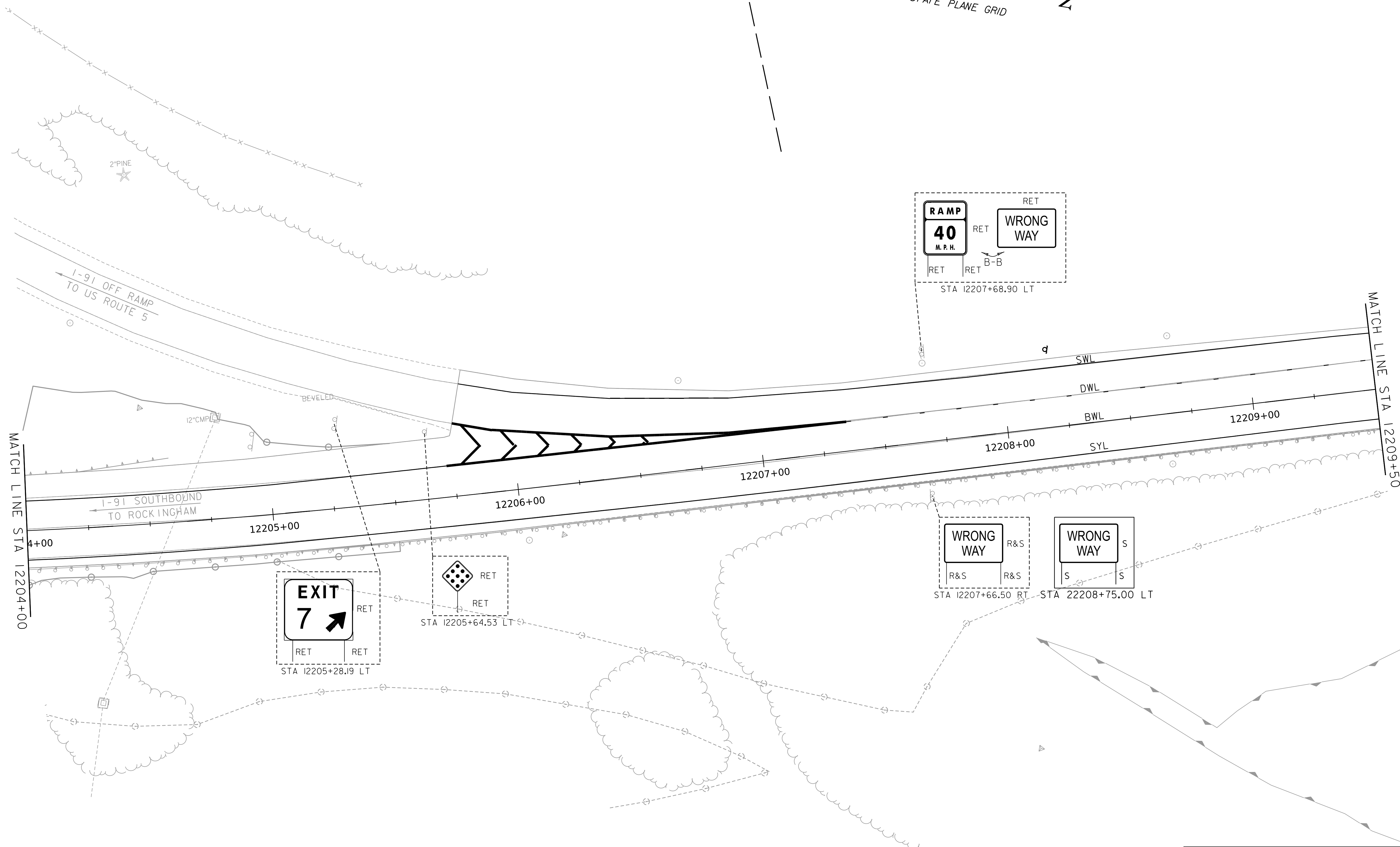
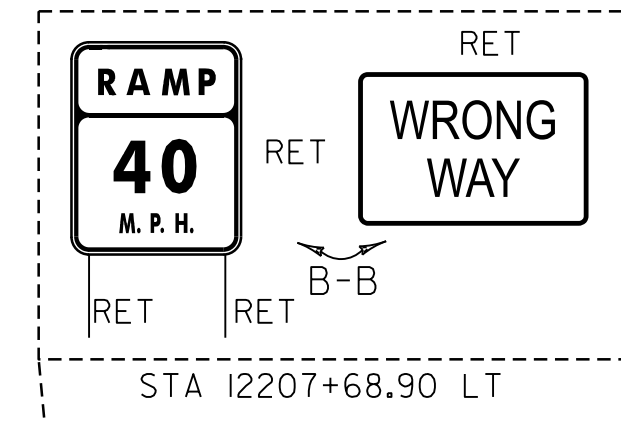
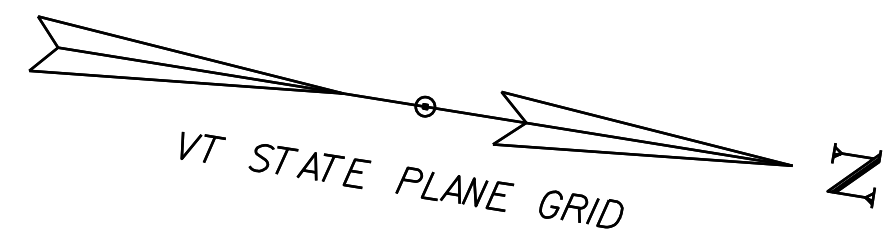
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"
20 0 20

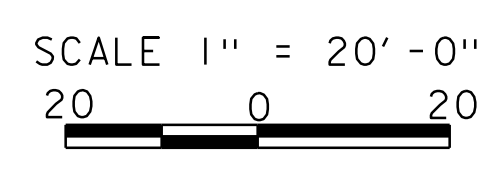


PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574+sl.dgn	DESIGNED BY:	C. TOBIN
PROJECT LEADER:	J. OLUND	TRAFFIC SIGNS AND LINES LAYOUT SHEET 17	SHEET 146 OF 439
CHECKED BY:	P. MCKECHNIE		

WORKING PLANS FOR REFERENCE ONLY



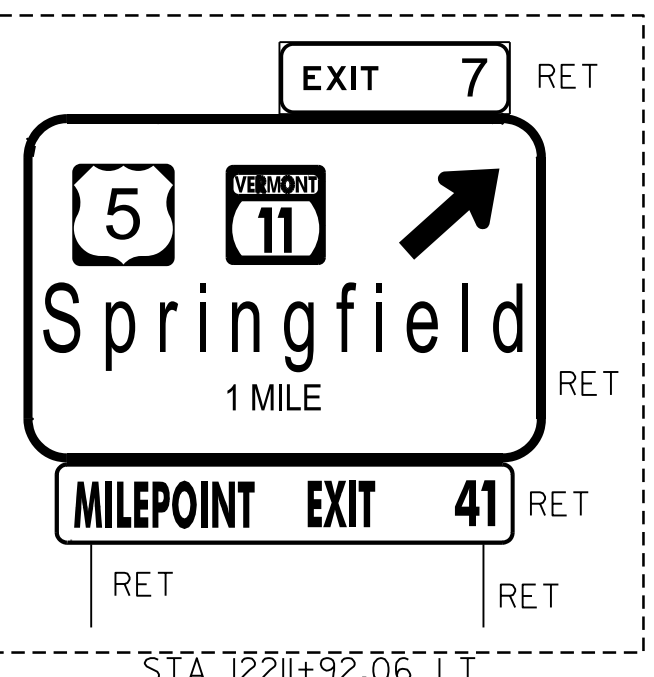
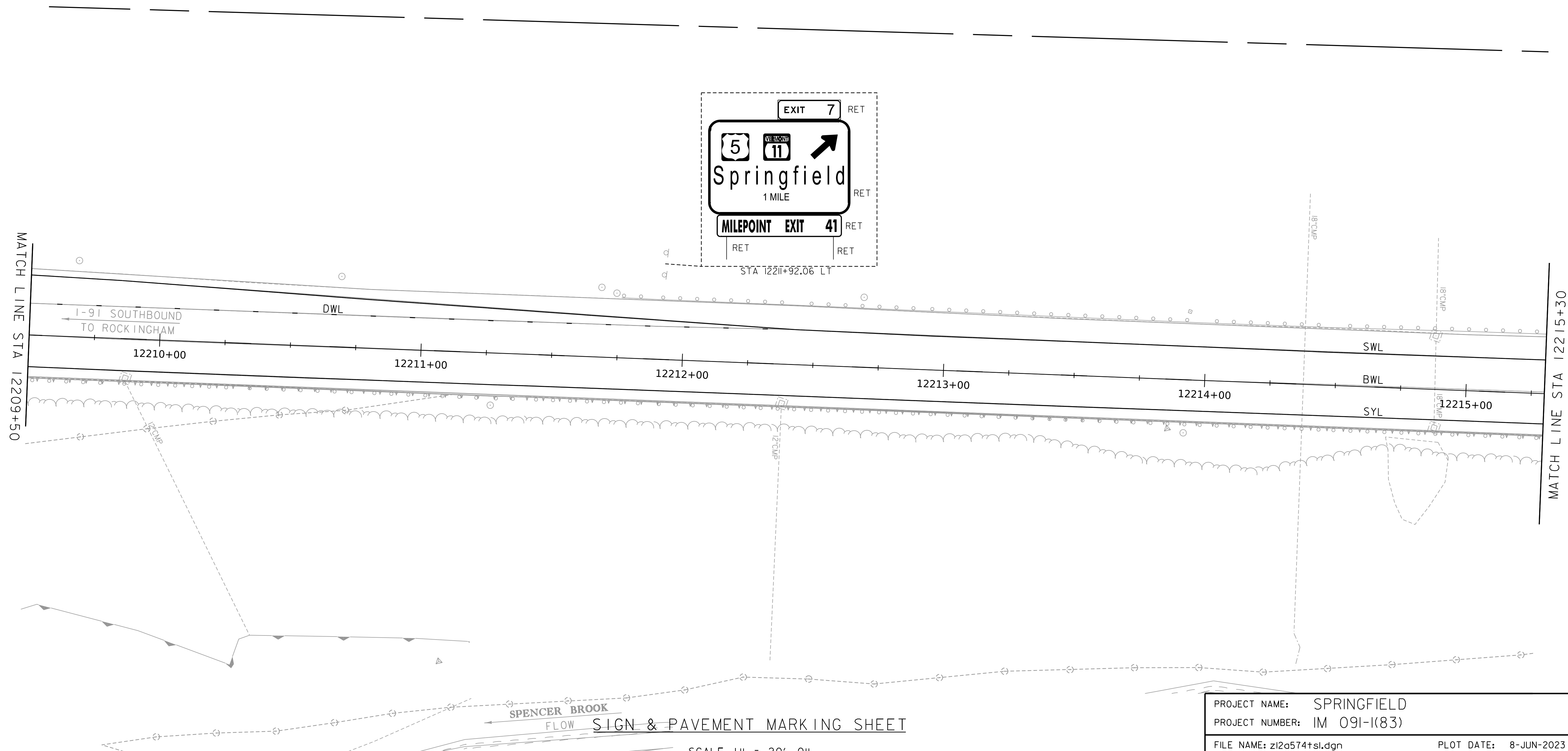
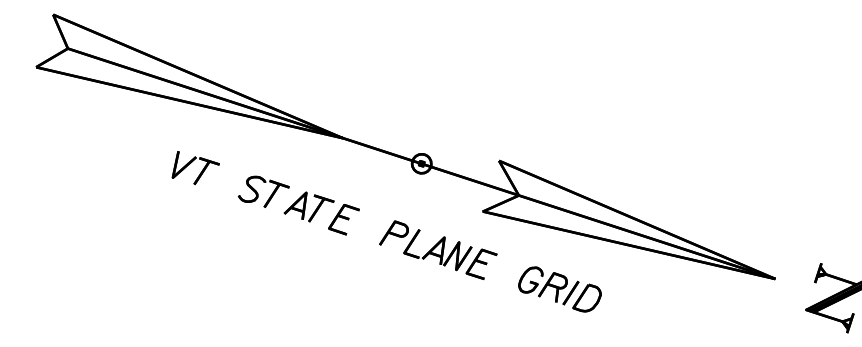
SIGN & PAVEMENT MARKING SHEET



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 18 SHEET 147 OF 439	



WORKING PLANS FOR REFERENCE ONLY

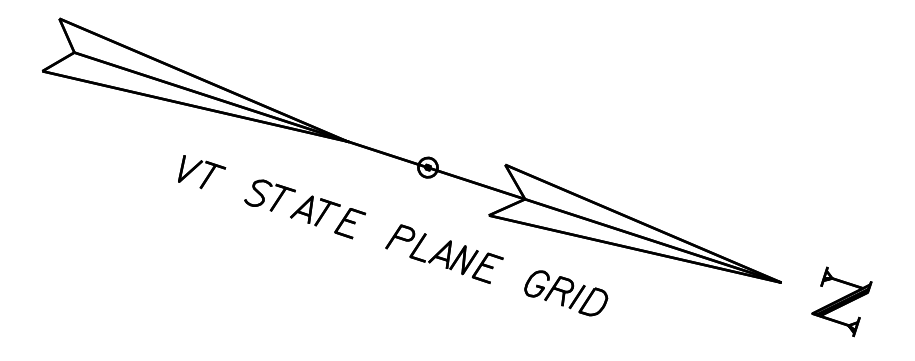


SIGN & PAVEMENT MARKING SHEET

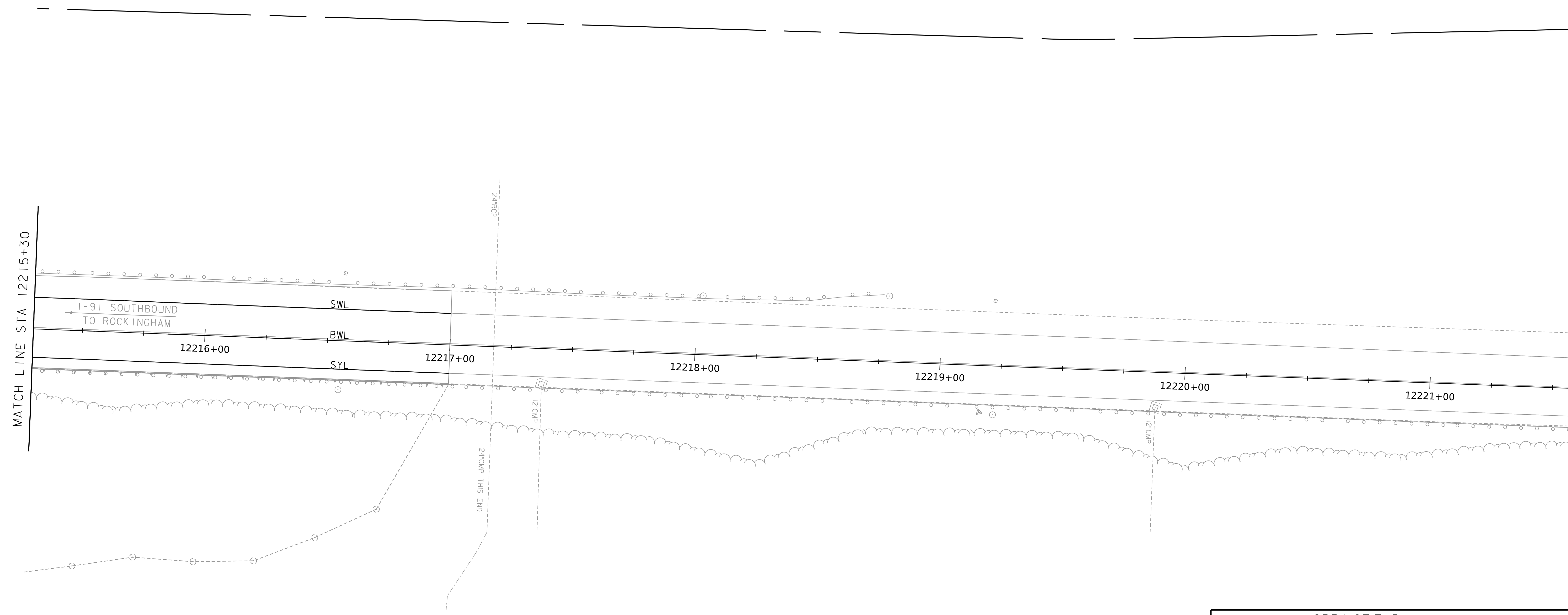
SCALE 1" = 20'-0"
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PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 19	SHEET 148 OF 439





WORKING PLANS FOR REFERENCE ONLY



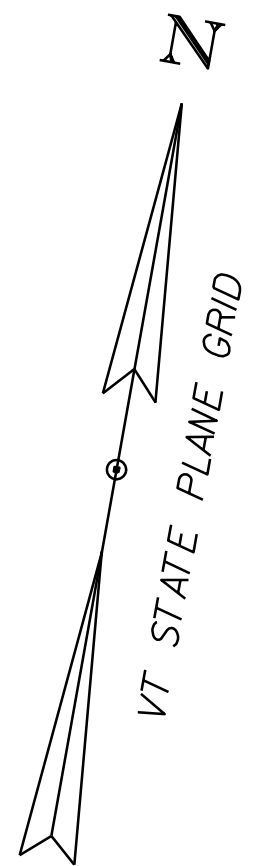
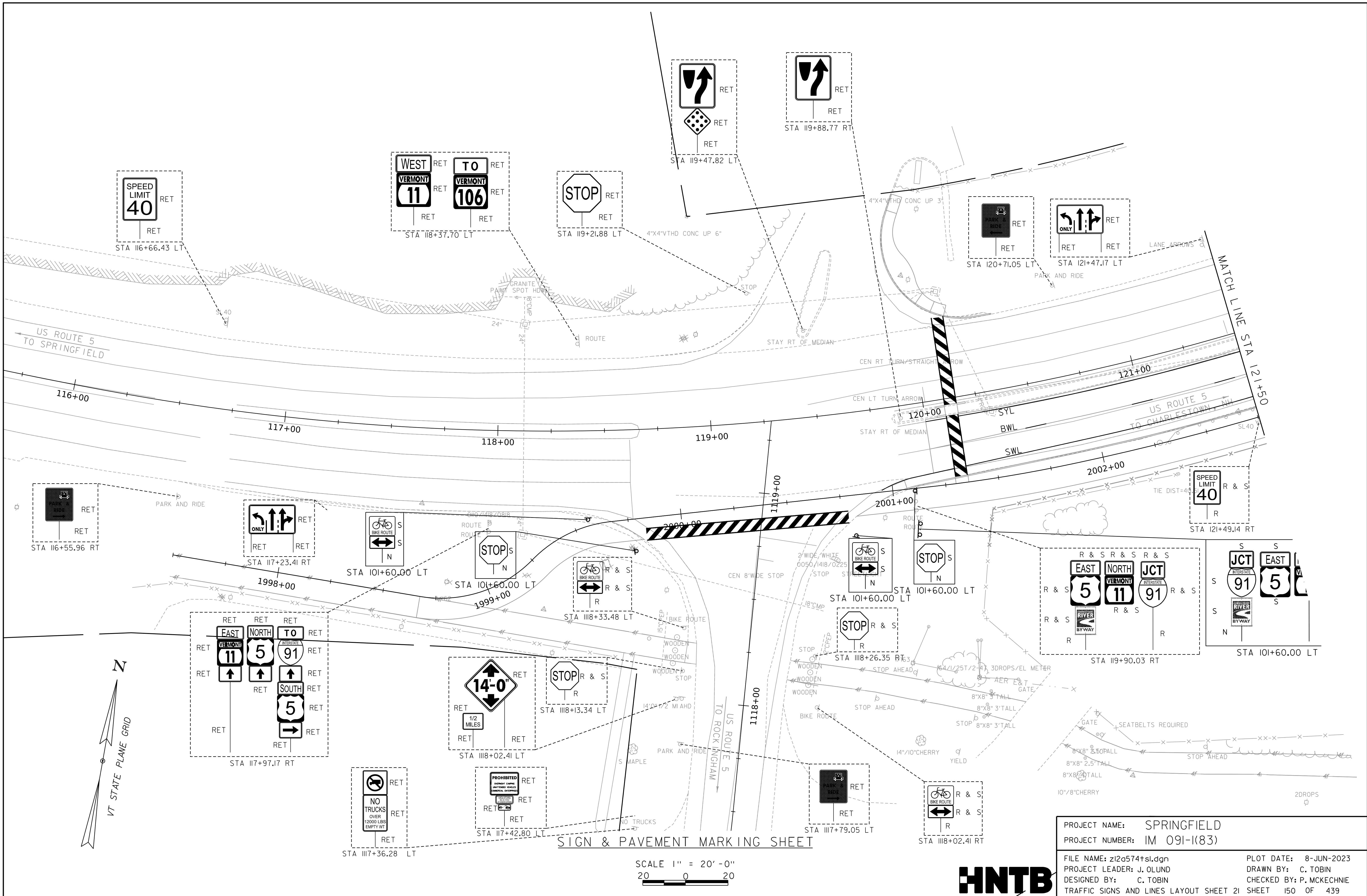
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20'-0"



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 20 SHEET 149 OF 439	

WORKING PLANS FOR REFERENCE ONLY



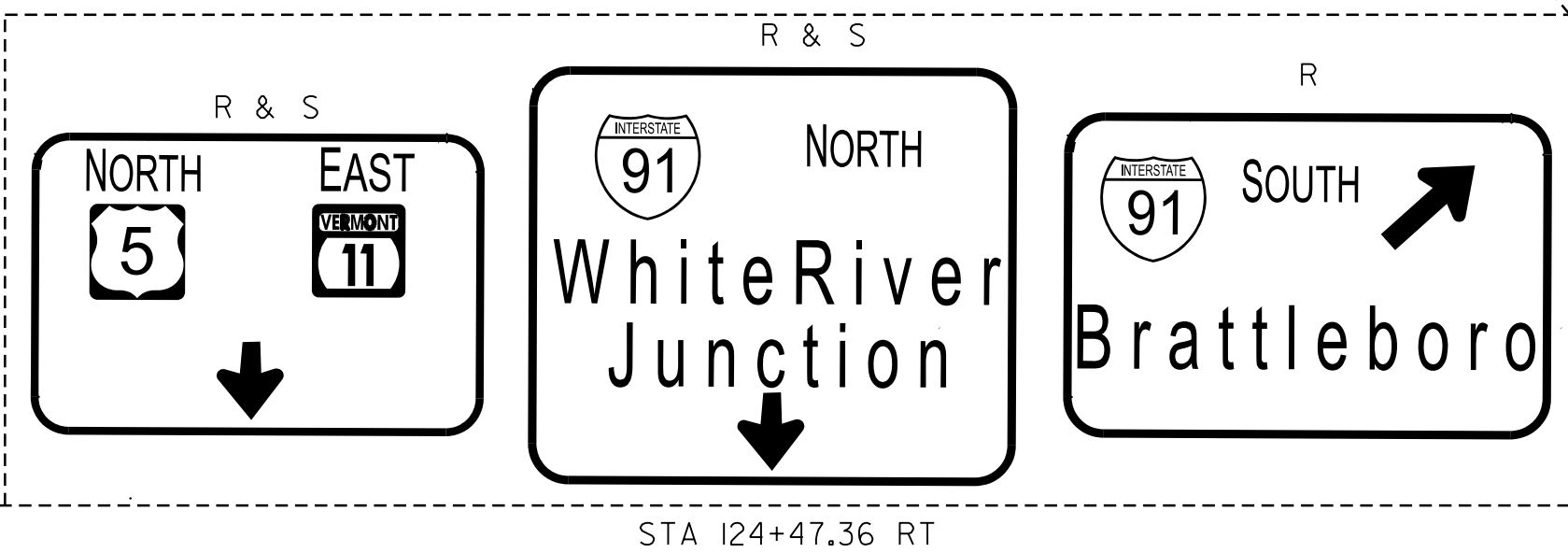
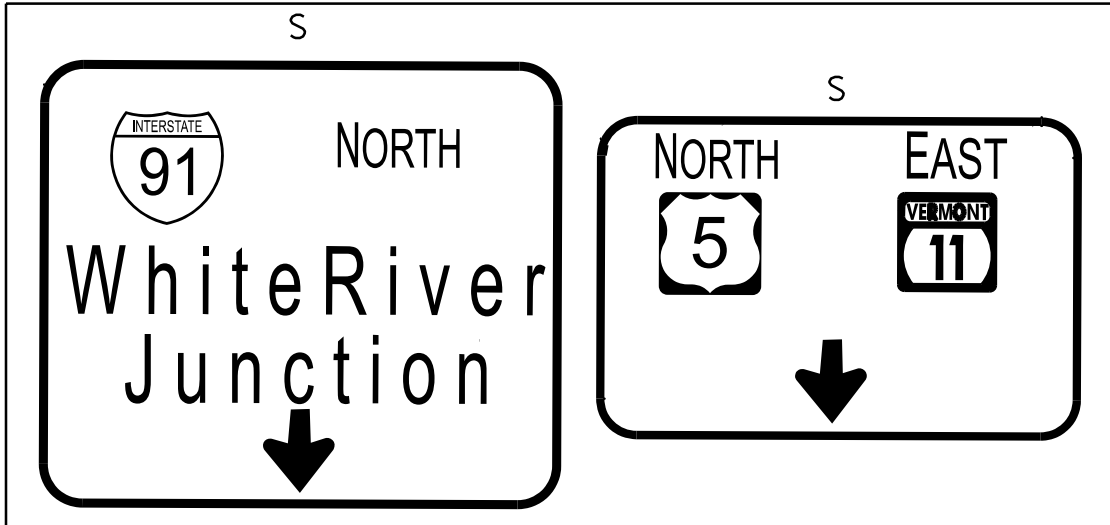
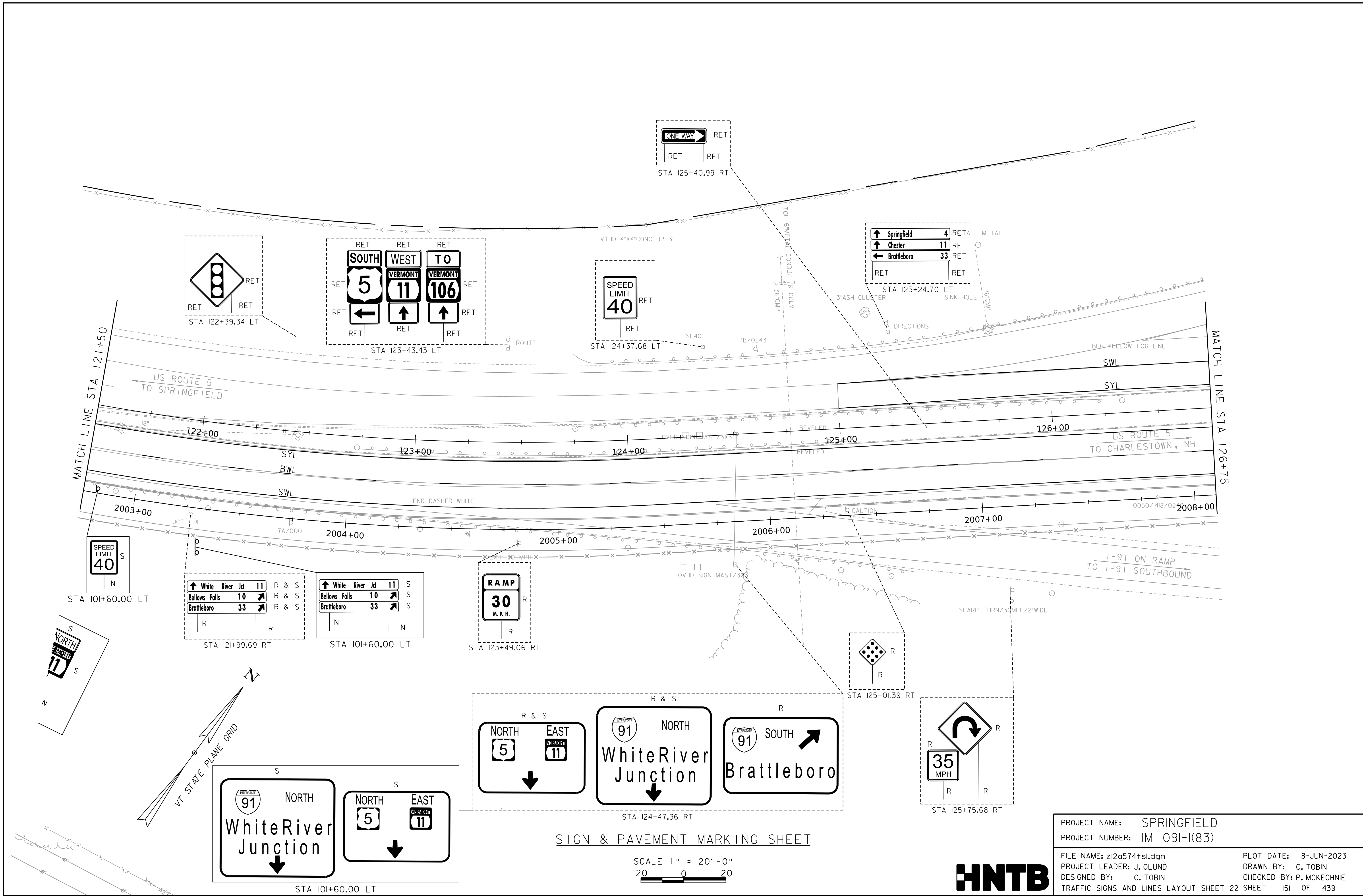
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574t.sl.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	C. TOBIN	CHECKED BY:	P. MCKECHNIE
		TRAFFIC SIGNS AND LINES LAYOUT SHEET 21	SHEET 150 OF 439		



WORKING PLANS FOR REFERENCE ONLY



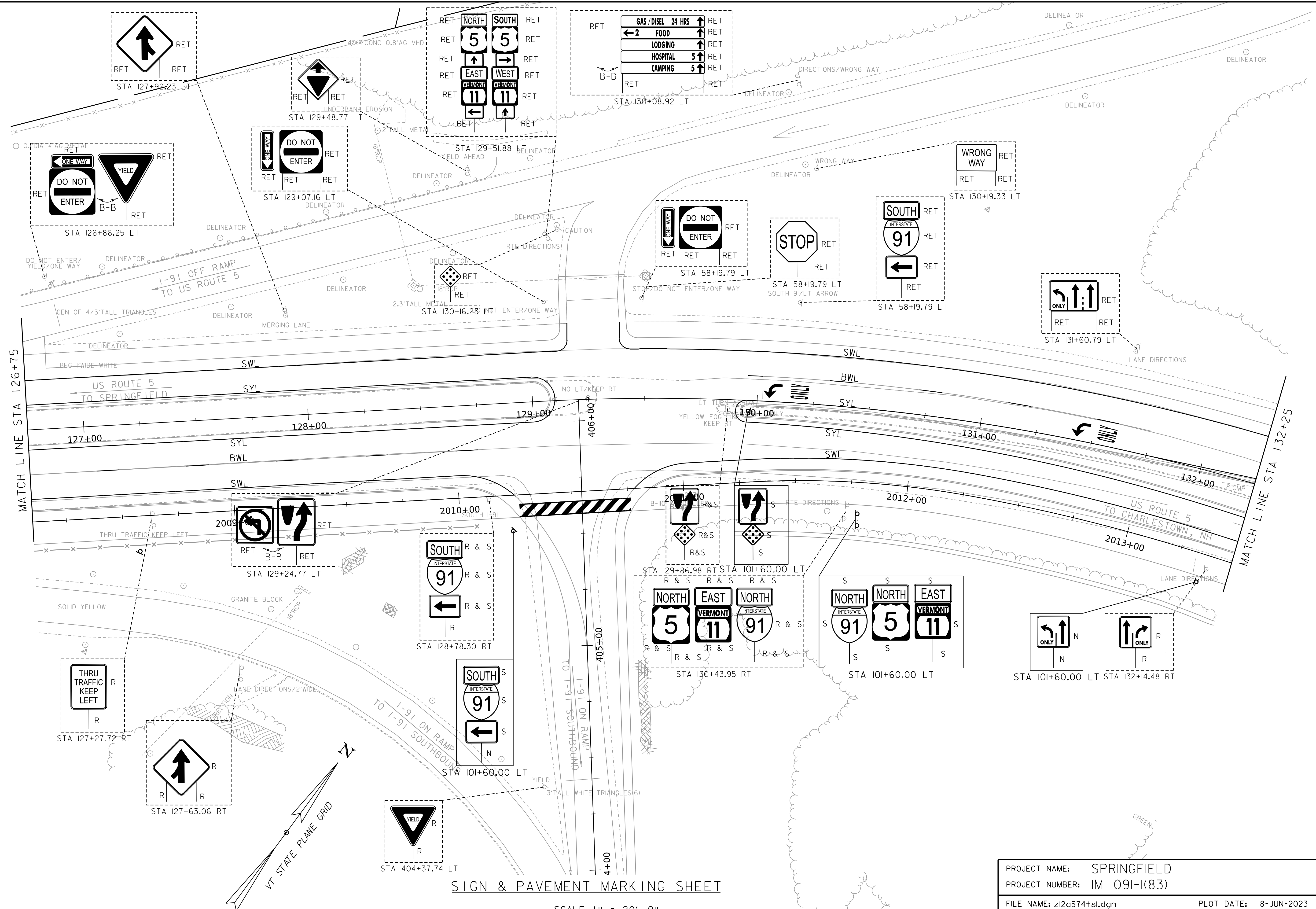
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20'-0"
0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574t.sl.dgn	CHECKED BY:	P. MCKECHNIE
PROJECT LEADER:	J. OLUND	TRAFFIC SIGNS AND LINES LAYOUT SHEET	22 SHEET 151 OF 439
DESIGNED BY:	C. TOBIN		



WORKING PLANS FOR REFERENCE ONLY



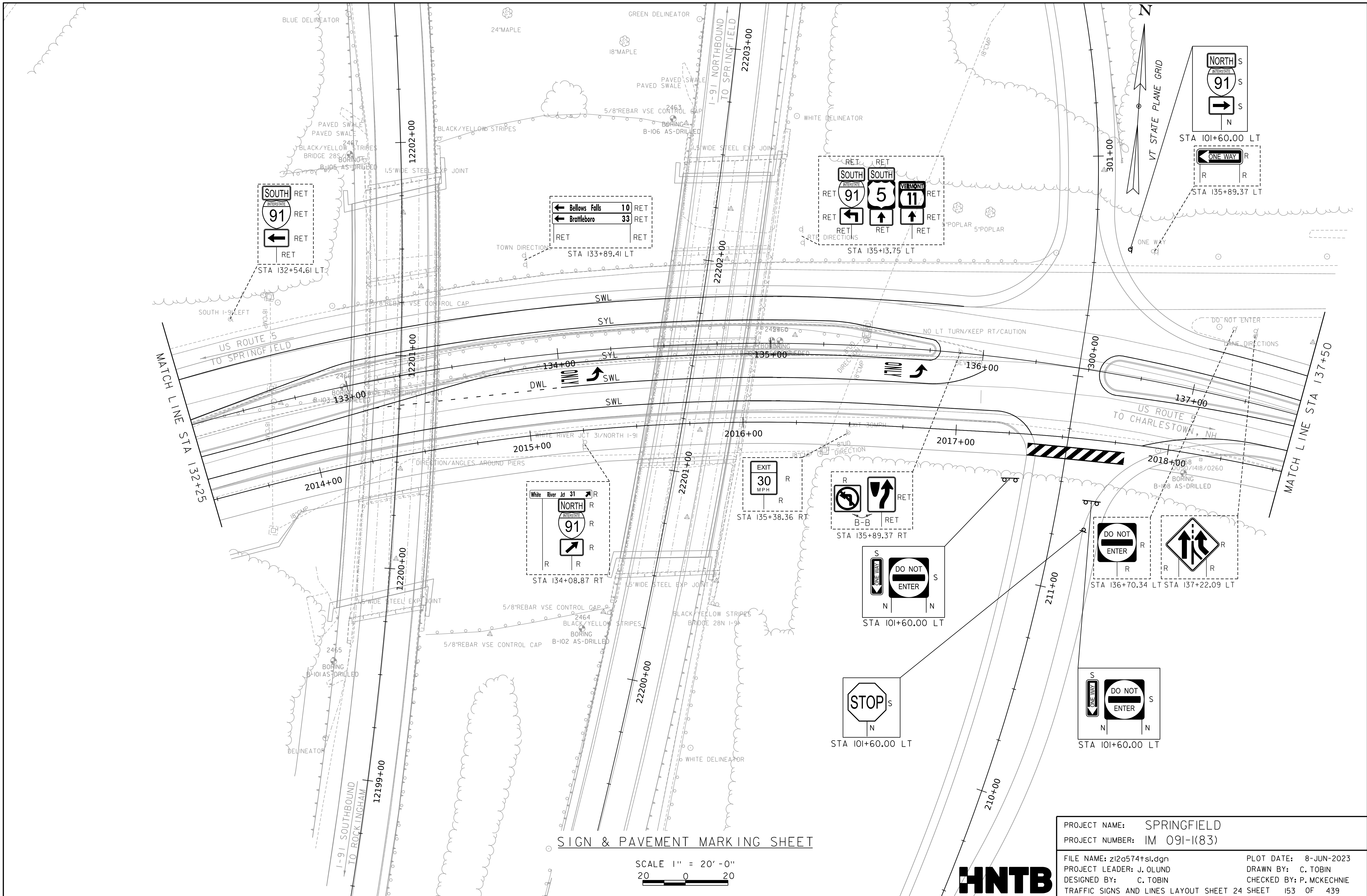
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20'-0"
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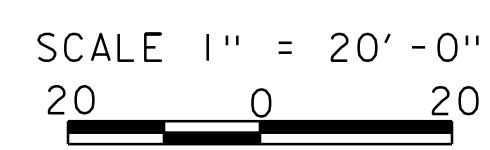
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574t.sl.dgn	DESIGNED BY:	C. TOBIN
PROJECT LEADER:	J. OLUND	TRAFFIC SIGNS AND LINES LAYOUT SHEET	23 SHEET 152 OF 439
CHECKED BY:	P. MCKECHNIE		



WORKING PLANS FOR REFERENCE ONLY



SIGN & PAVEMENT MARKING SHEET



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574+sl.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: C. TOBIN	CHECKED BY: P. MCKECHNIE
TRAFFIC SIGNS AND LINES LAYOUT SHEET 24 SHEET 153 OF 439	

WORKING PLANS FOR REFERENCE ONLY

SIGN & PAVEMENT MARKING SHEET

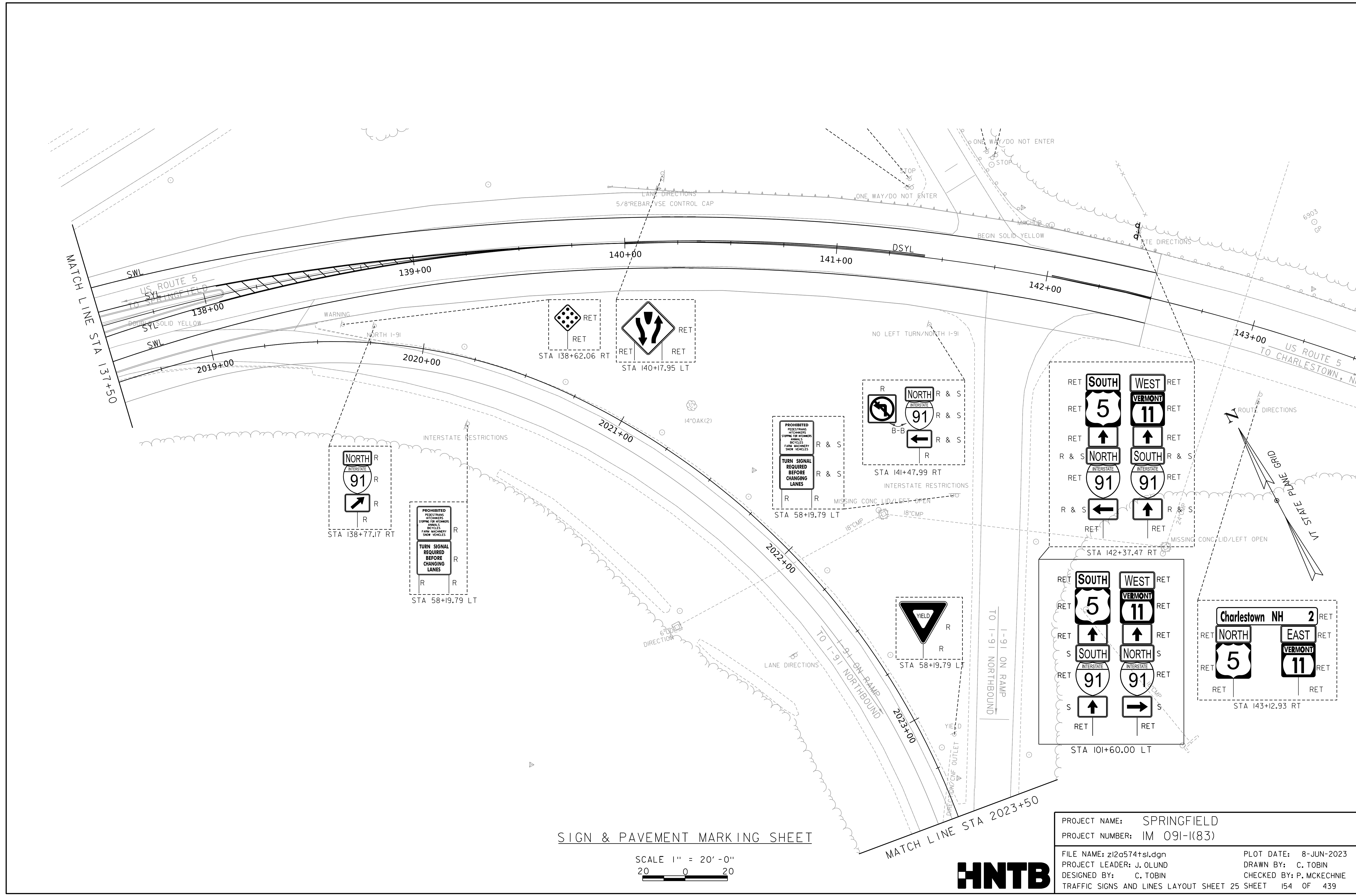
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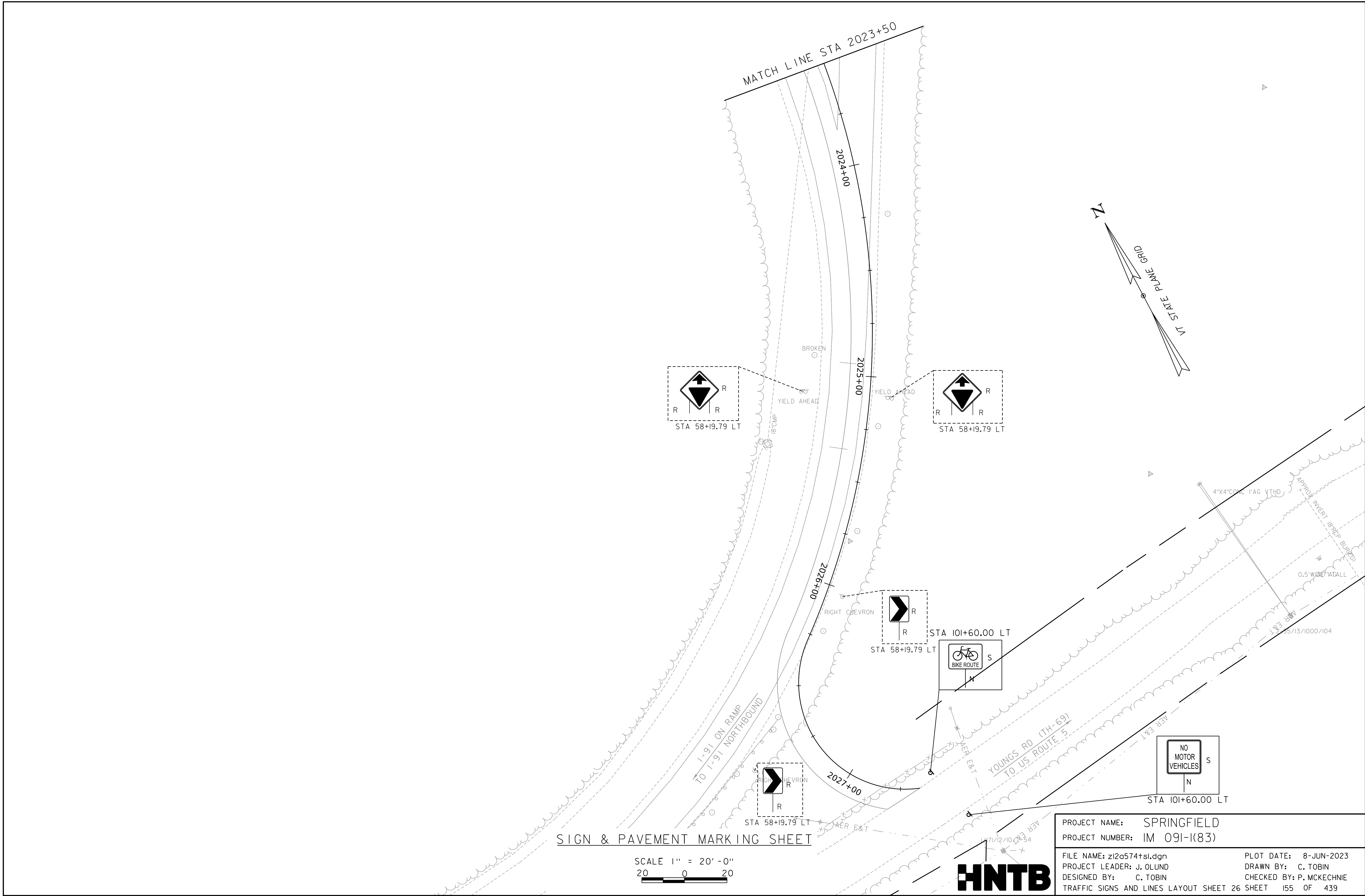
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574t.sl.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. TOBIN
TRAFFIC SIGNS AND LINES LAYOUT SHEET 25 SHEET 154 OF 439

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: P. MCKECHNIE



WORKING PLANS FOR REFERENCE ONLY



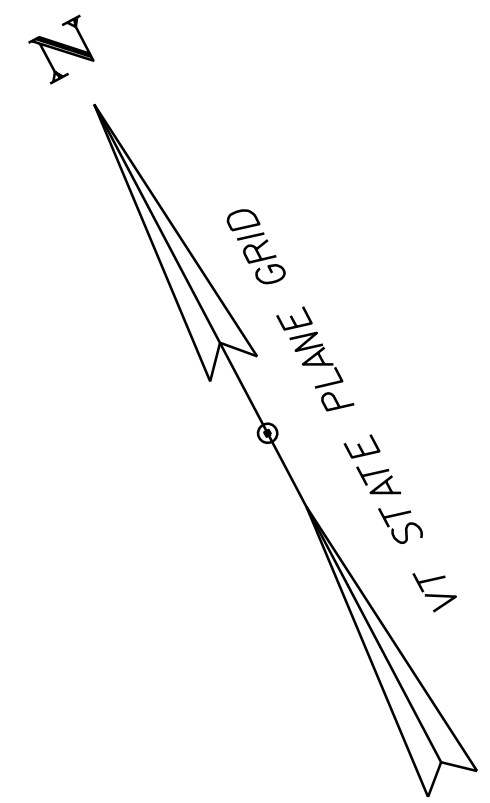
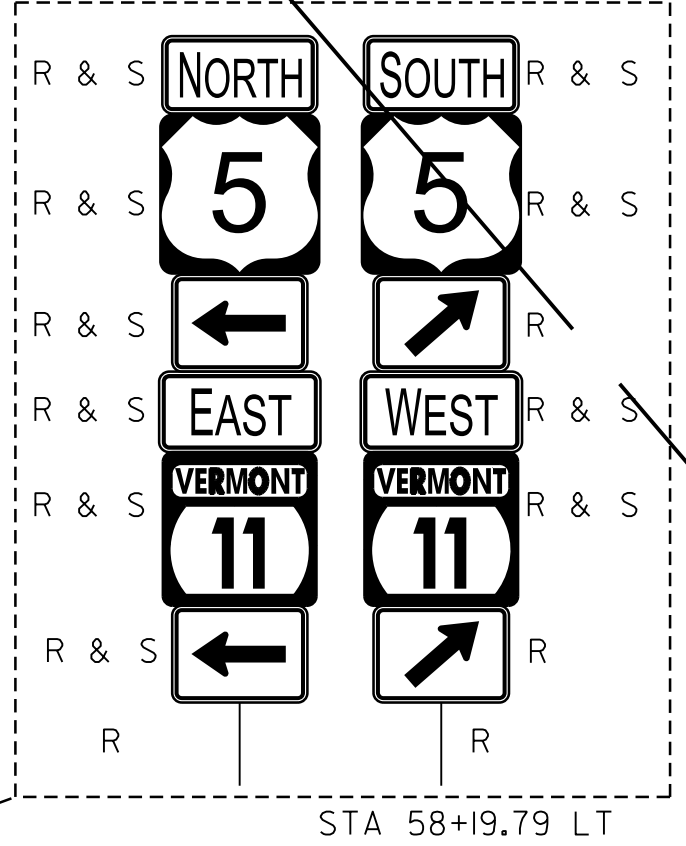
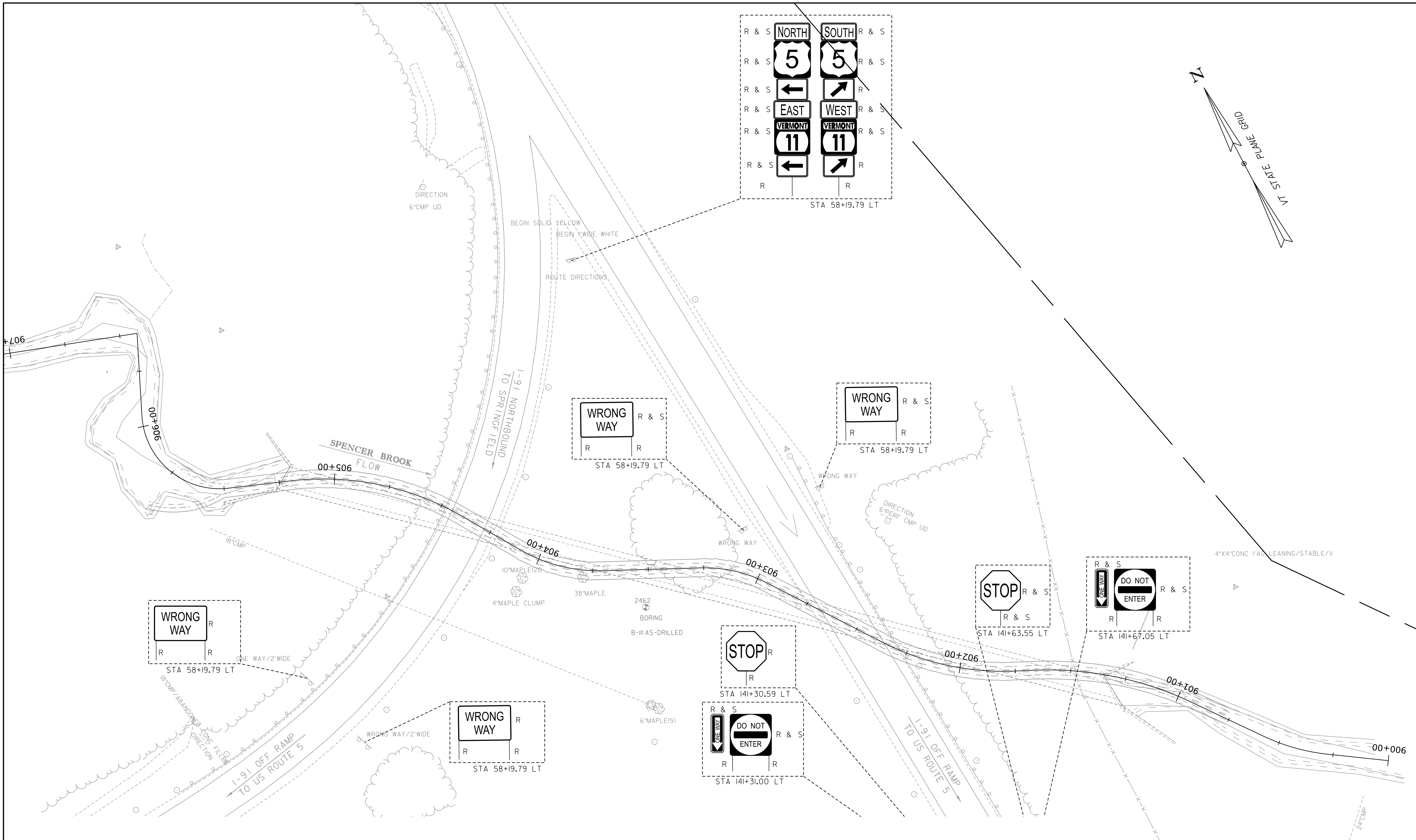
SIGN & PAVEMENT MARKING SHEET

SCALE 1" = 20' - 0"
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PROJECT NAME: SPRINGFIELD		PLOT DATE: 8-JUN-2023	
PROJECT NUMBER: IM 091-1(83)		DRAWN BY: C. TOBIN	
FILE NAME: z12a574+sl.dgn	DESIGNED BY: C. TOBIN	TRAFFIC SIGNS AND LINES LAYOUT SHEET 26 SHEET	155 OF 439
PROJECT LEADER: J. OLUND	CHECKED BY: P. MCKECHNIE		

WORKING PLANS FOR REFERENCE ONLY

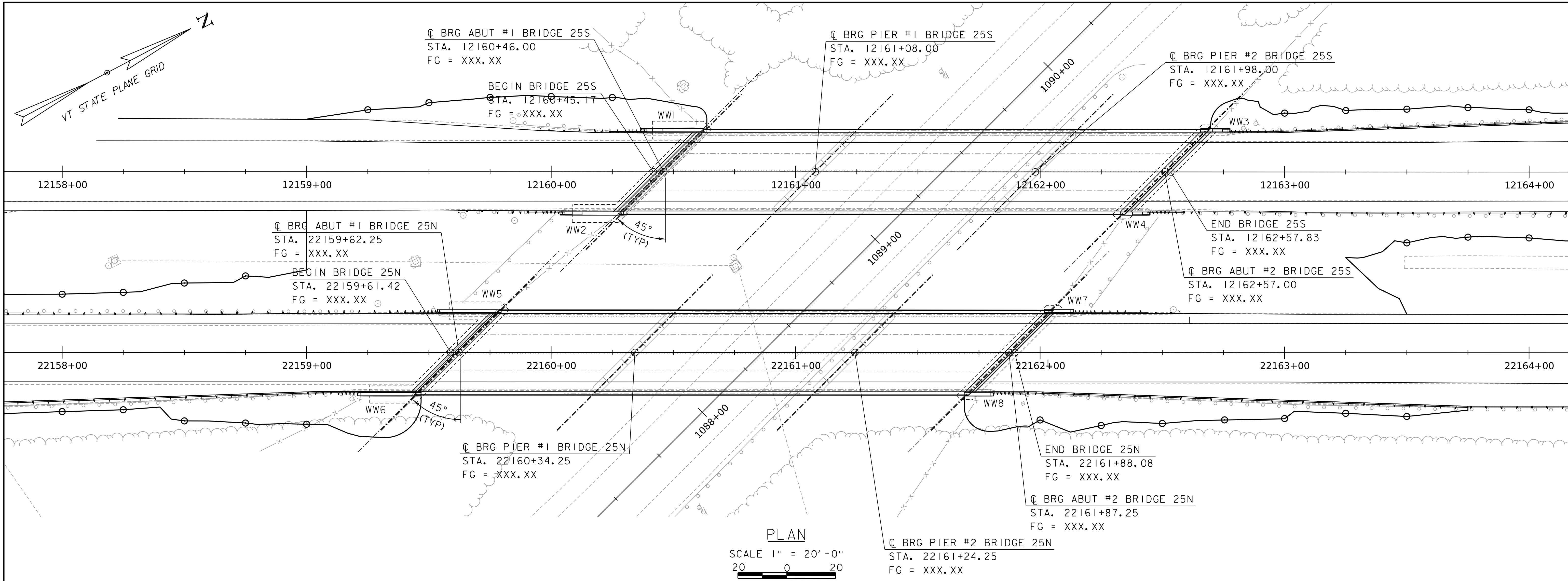
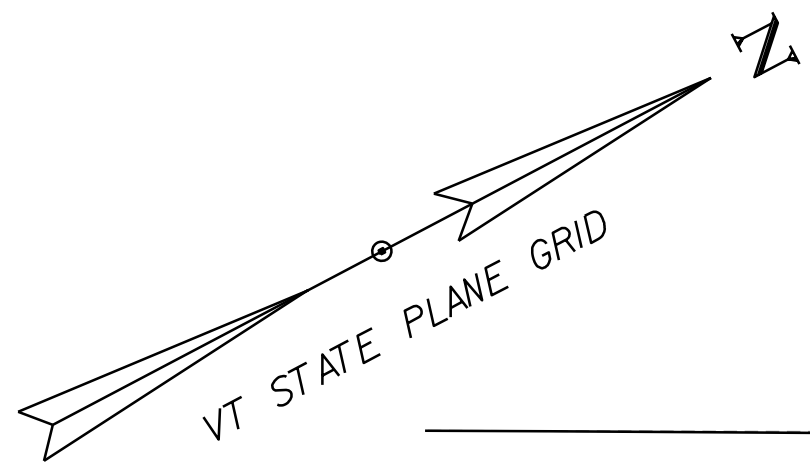


SIGN & PAVEMENT MARKING SHEET

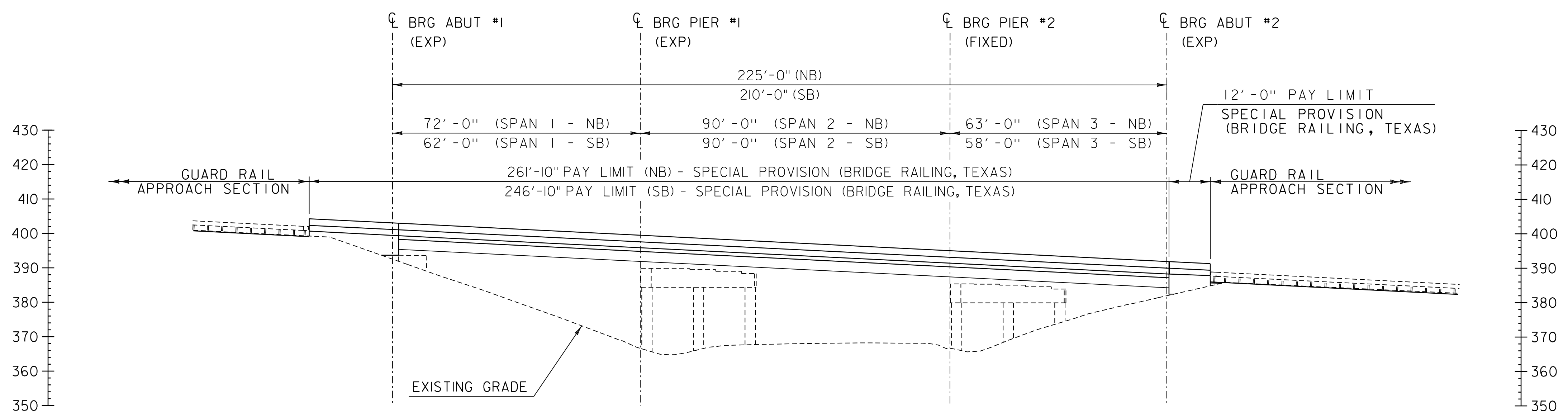
SCALE 1" = 20' - 0"
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574+sl.dgn	CHECKED BY:	P. MCKECHNIE
PROJECT LEADER:	J. OLUND	TRAFFIC SIGNS AND LINES LAYOUT SHEET	27 SHEET 156 OF 439





PLAN
SCALE 1" = 20'-0"
20 0 20



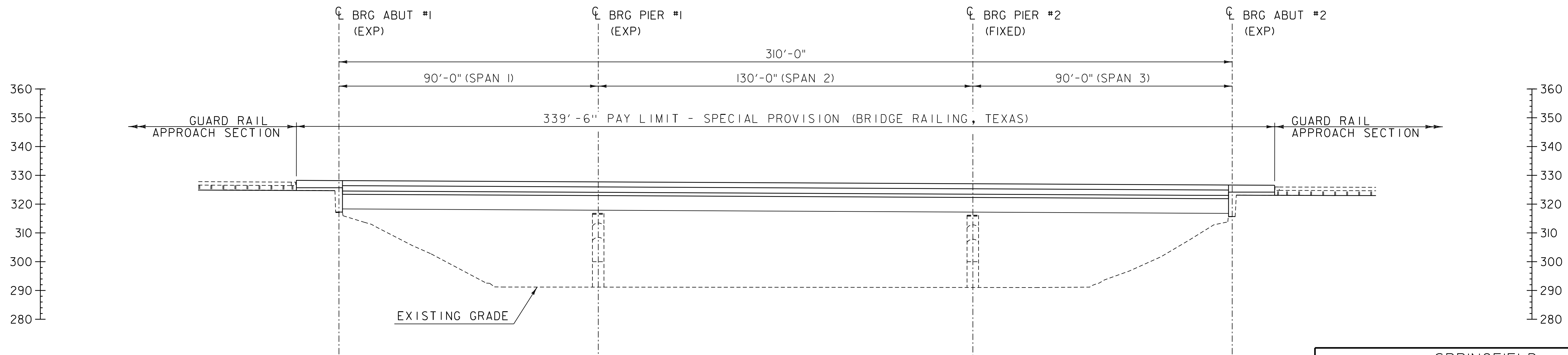
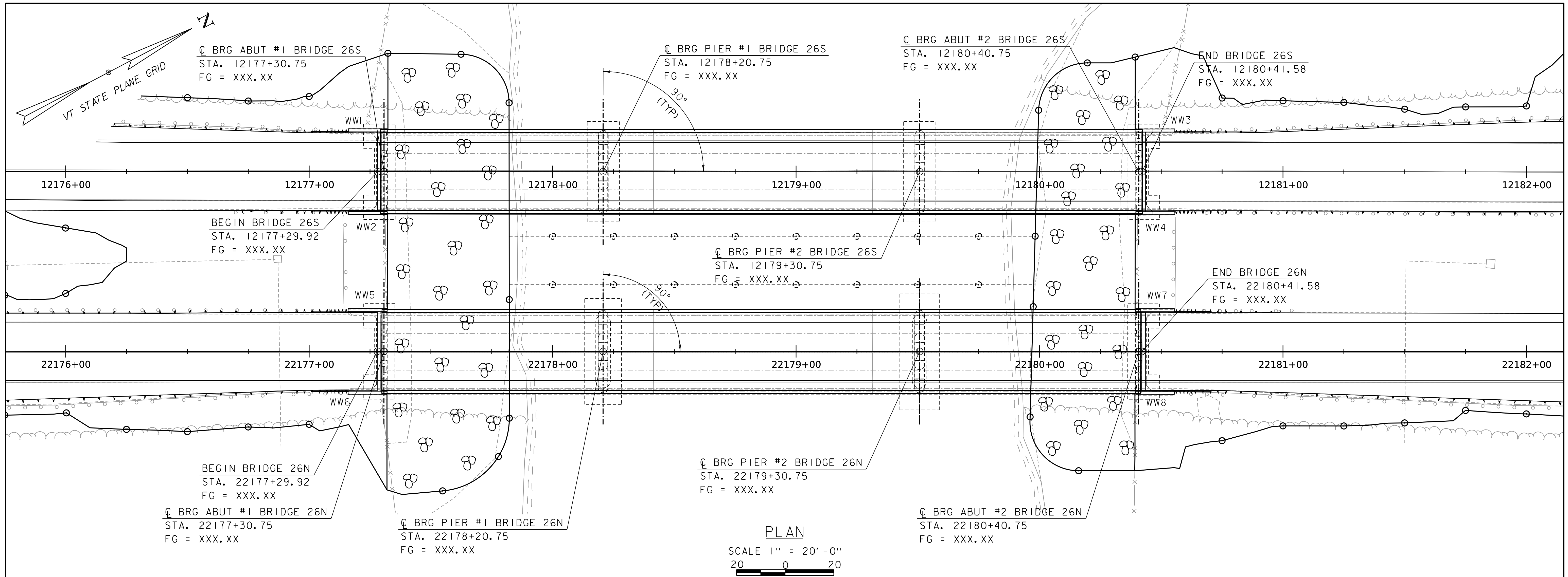
ELEVATION
SCALE 1" = 20'-0"
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WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	c:\caddlib\p\tpoulin\nediv\d03160924\120574\001-2023
PROJECT LEADER:	J. OLUND
DESIGNED BY:	T. POULIN
BRIDGE 25 PLAN & ELEVATION	
DRAWN BY:	E. BEAUSOLEIL
CHECKED BY:	J. OLUND
SHEET	157 OF 439



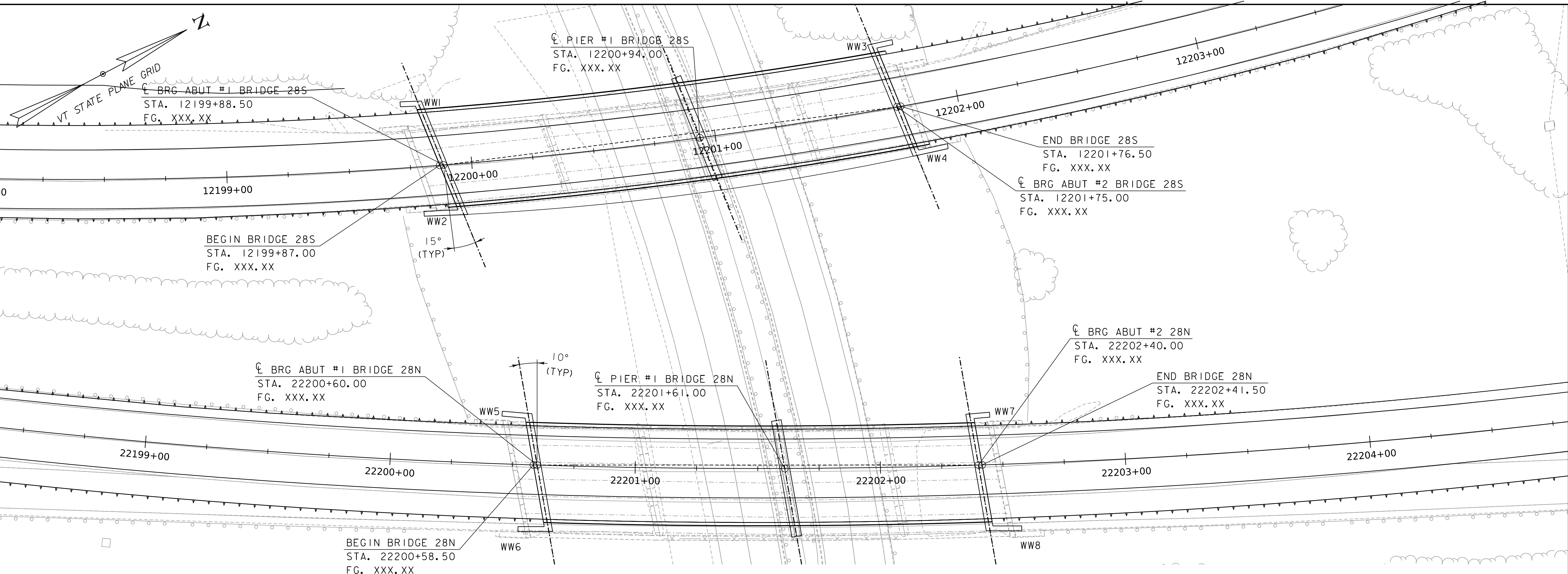
WORKING PLANS FOR REFERENCE ONLY



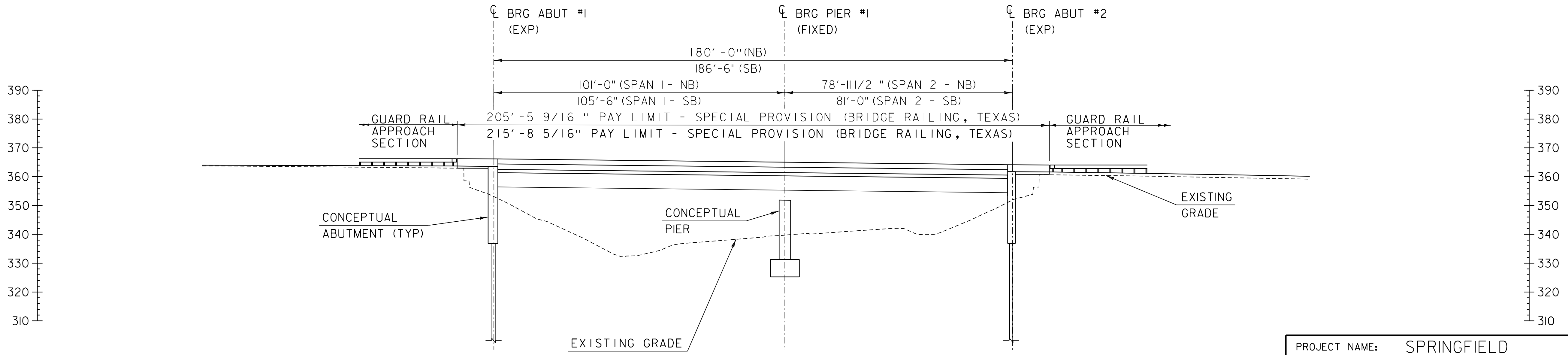
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)
 FILE NAME: c:\caddlib\pw\tpoulin\nediv\d0316092412a574e08-2023
 PROJECT LEADER: J. OLUND
 DESIGNED BY: T. POULIN
 BRIDGE 26 PLAN & ELEVATION

DRAWN BY: E. BEAUSOLEIL
 CHECKED BY: J. OLUND
 SHEET 158 OF 439





PLAN
SCALE 1" = 20'-0"
20 0 20

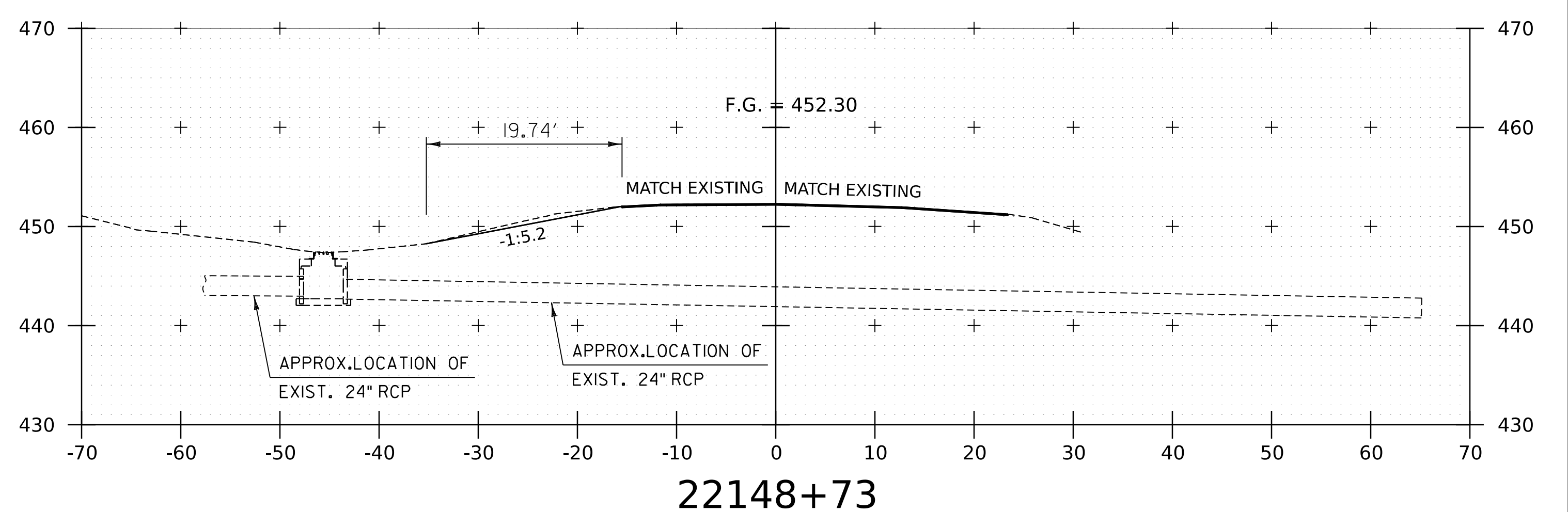
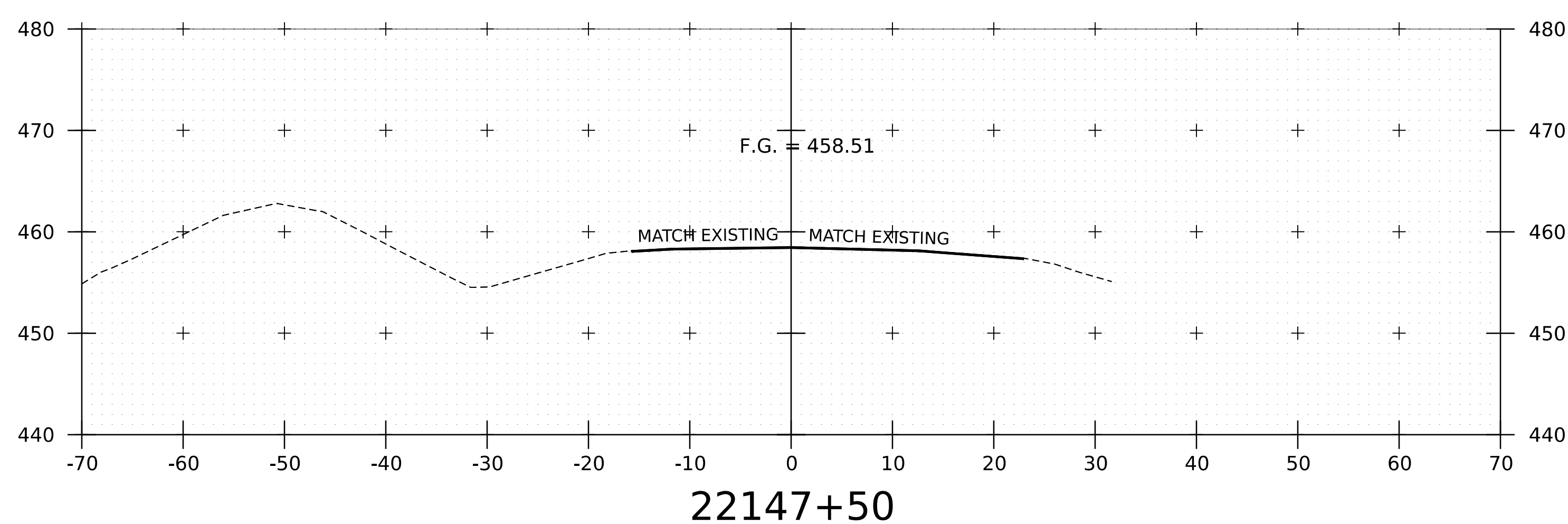
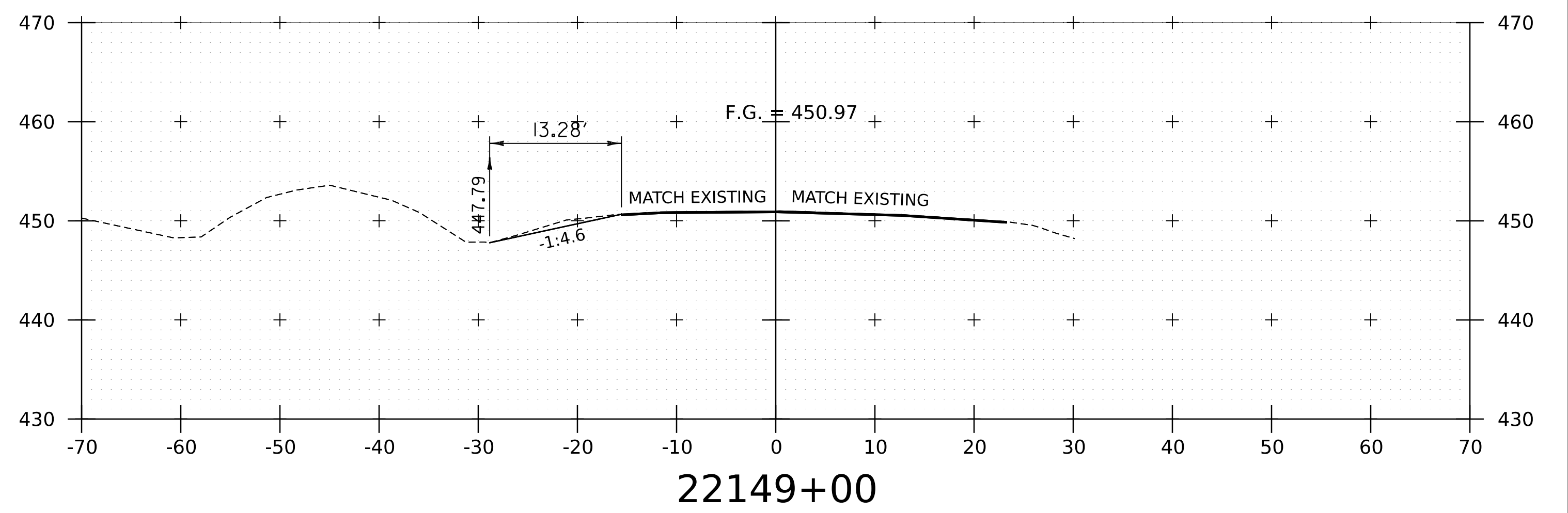
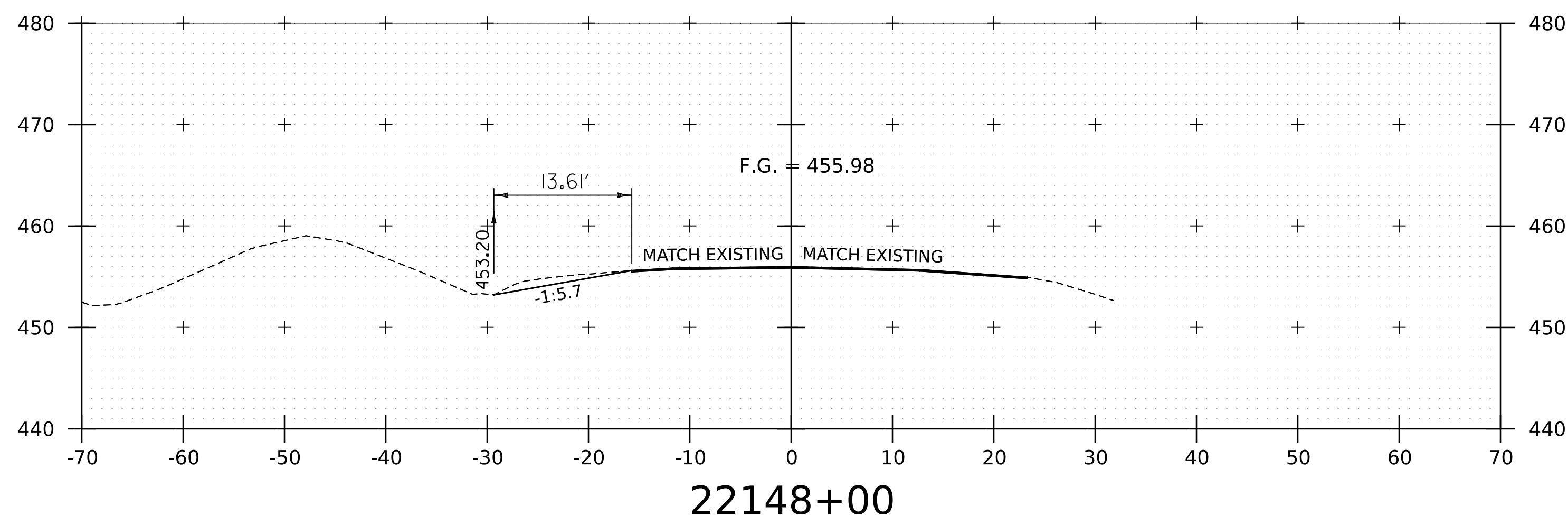
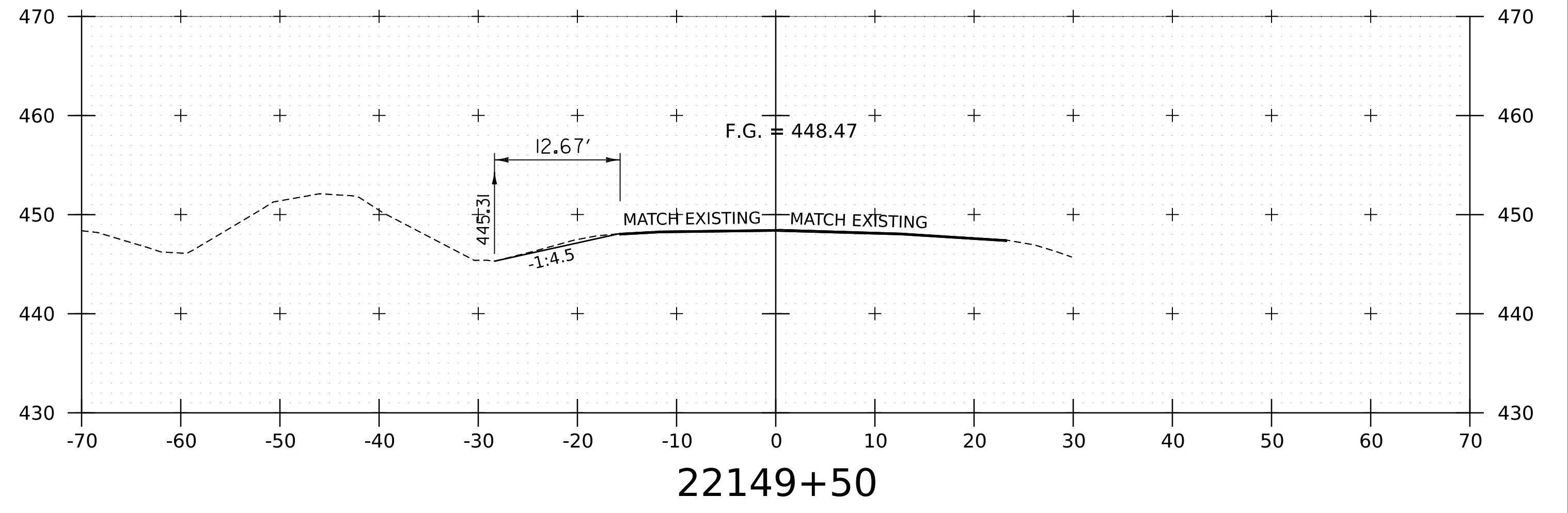
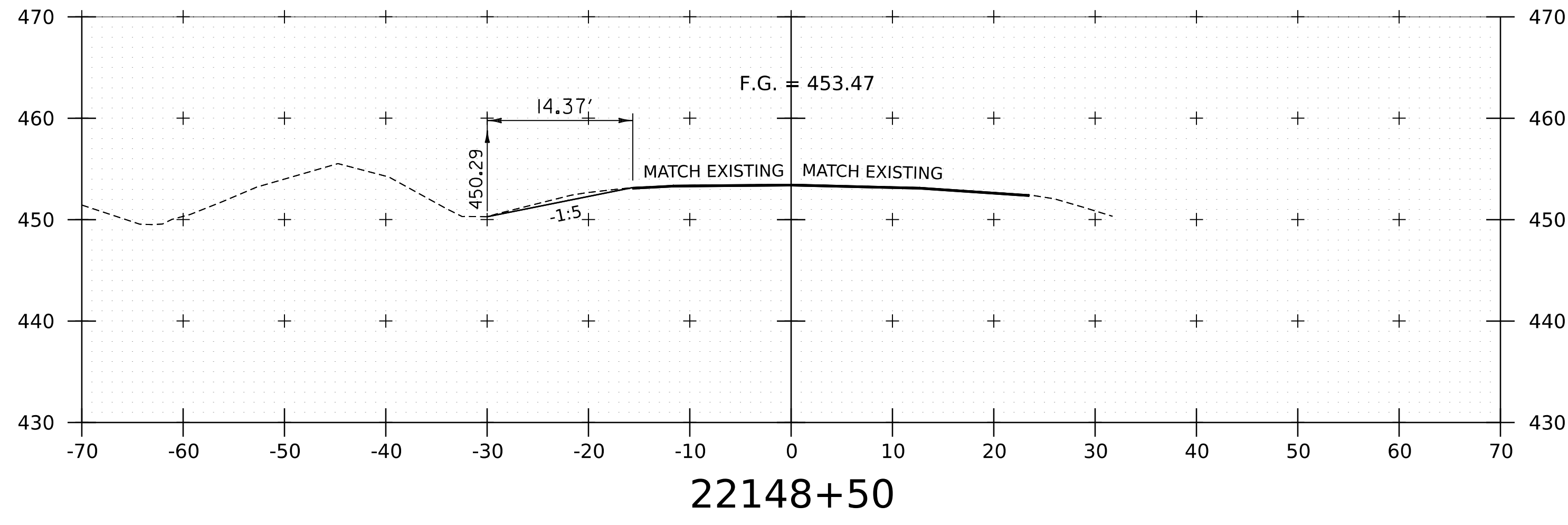


WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	c:\cadd\lib\pw\tpoulin\nediv\d031002412a574e08.2023
PROJECT LEADER:	J. OLUND
DESIGNED BY:	T. POULIN
BRIDGE 28 PLAN & ELEVATION	
DRAWN BY:	E. BEAUSOLEIL
CHECKED BY:	J. OLUND
SHEET	159 OF 439



WORKING PLANS FOR REFERENCE ONLY



BEGIN NORTHBOUND APPROACH
STA. 22143+00

NOTE:
1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 22143+00 AND 22147+50.
2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

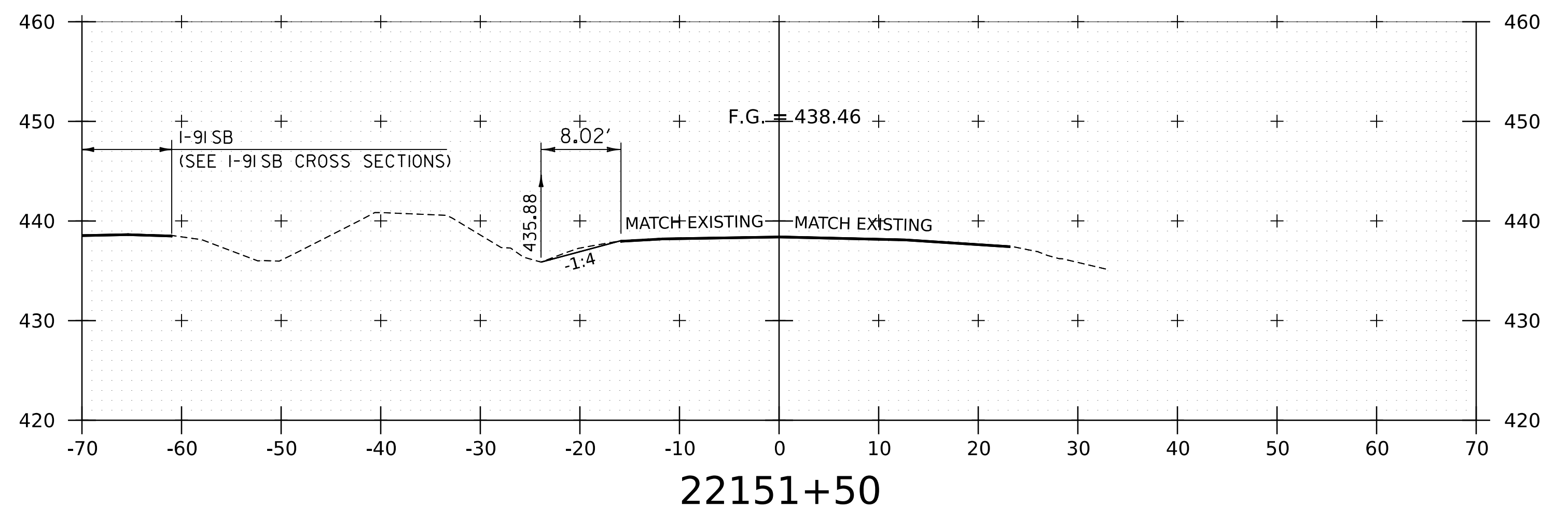
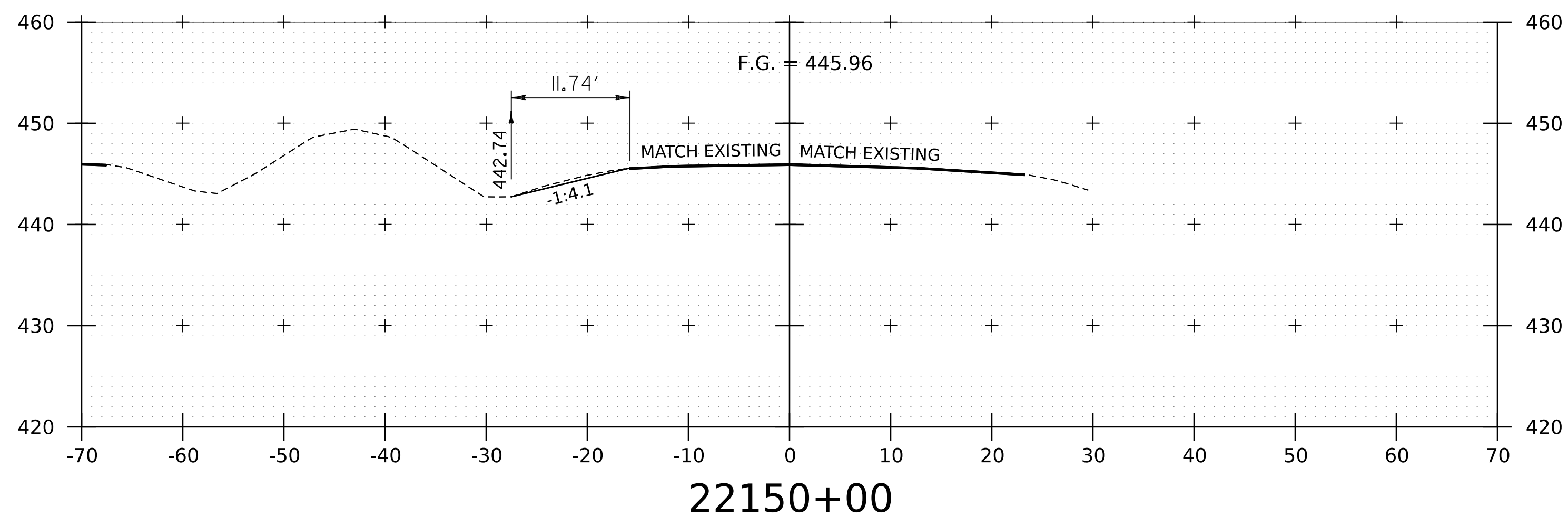
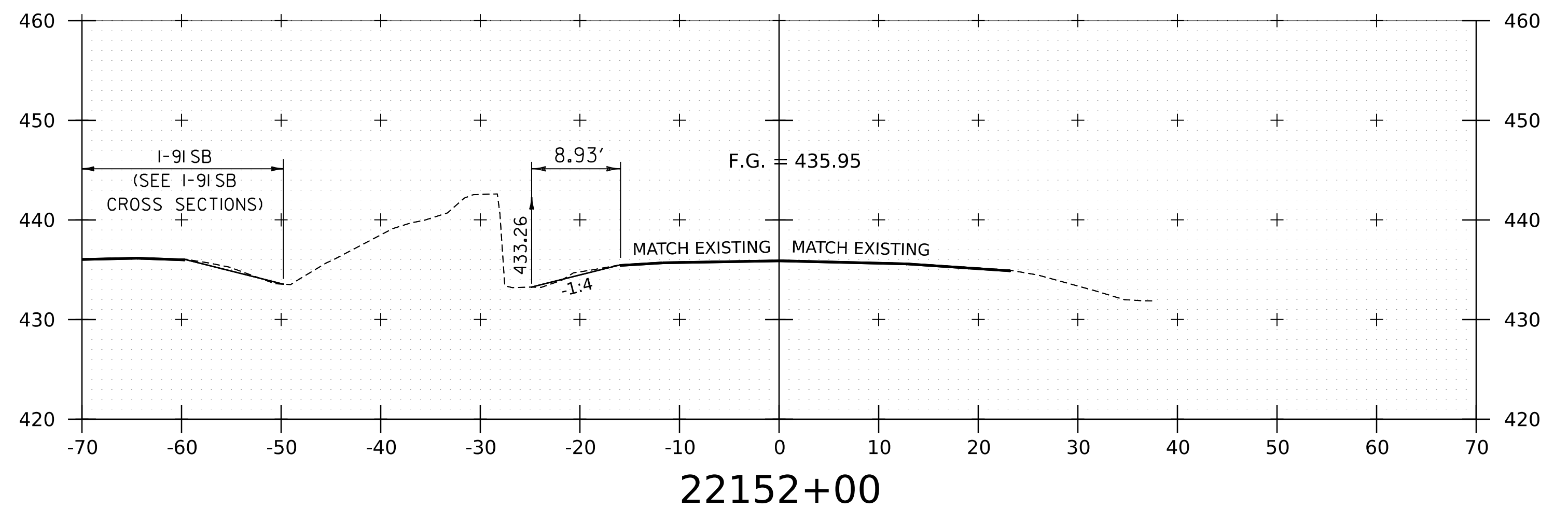
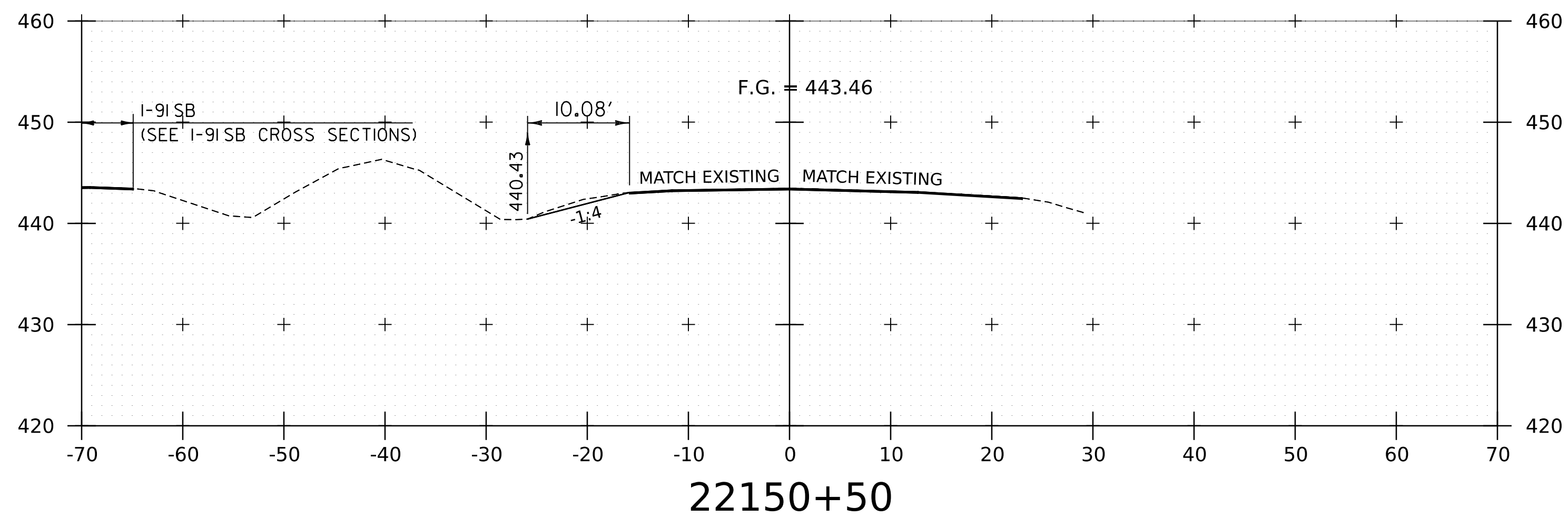
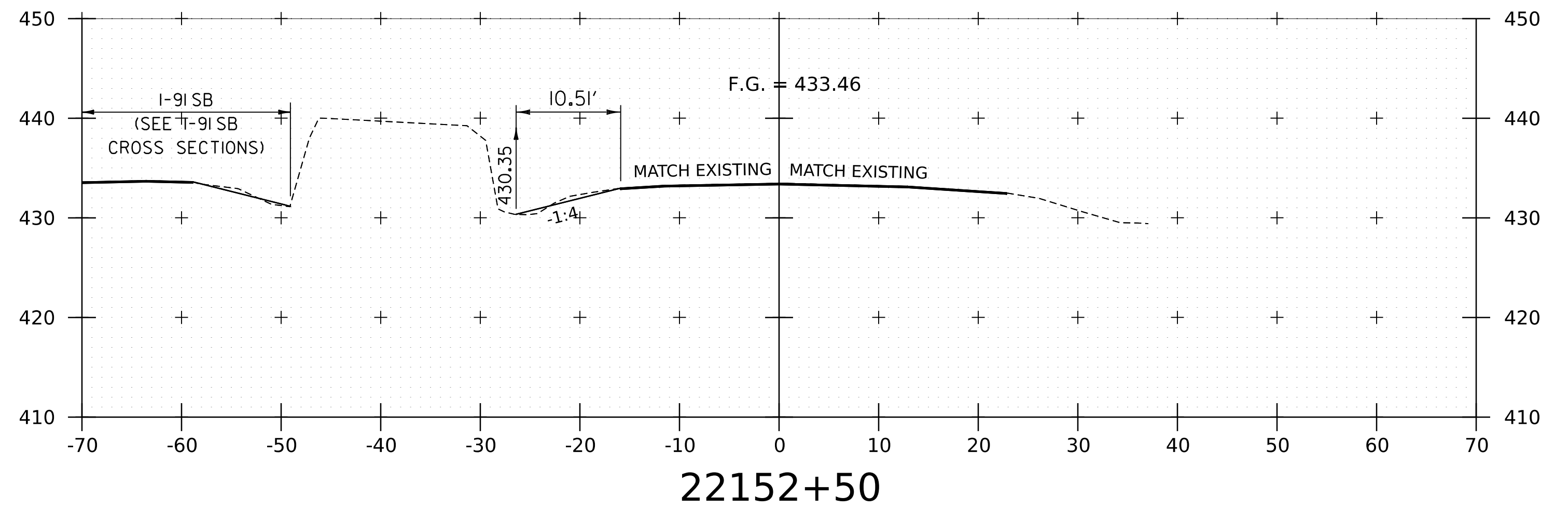
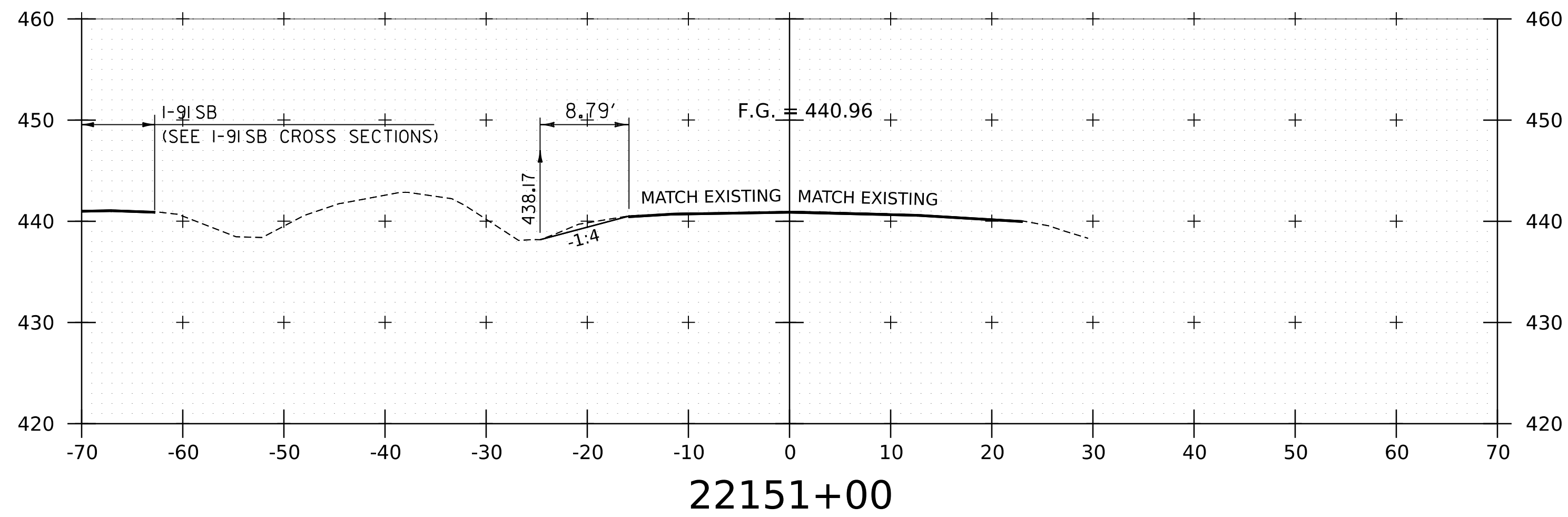
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs-I-91NB.25.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS I

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 160 OF 439



WORKING PLANS FOR REFERENCE ONLY



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91 NB.

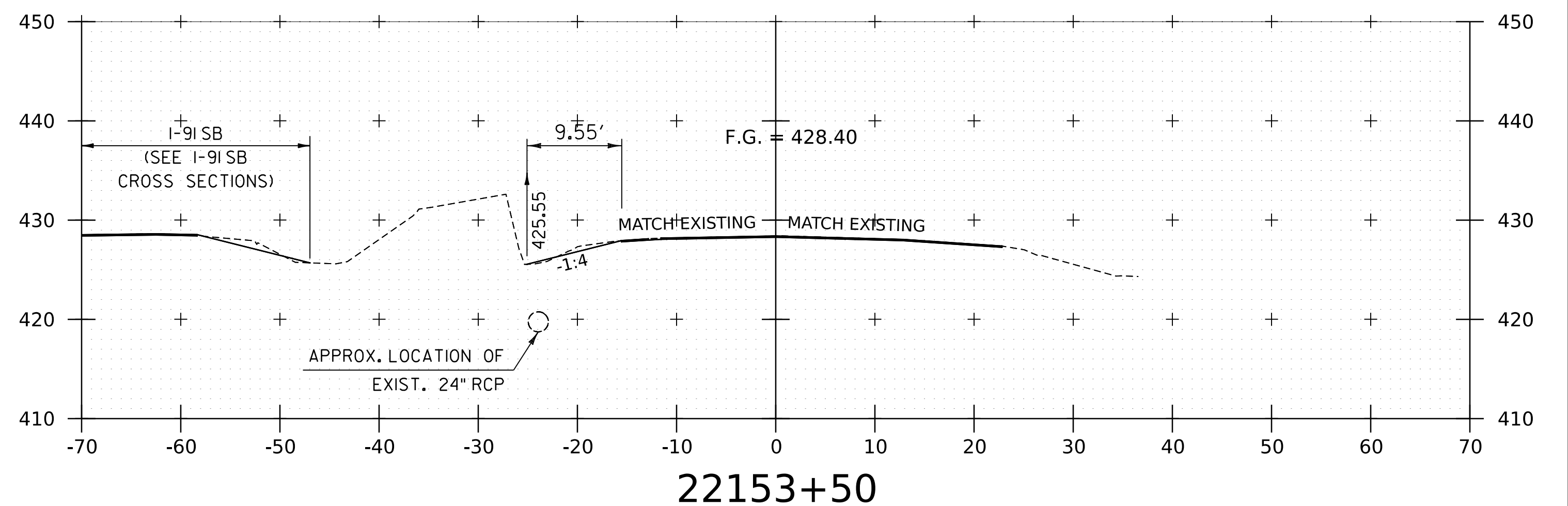
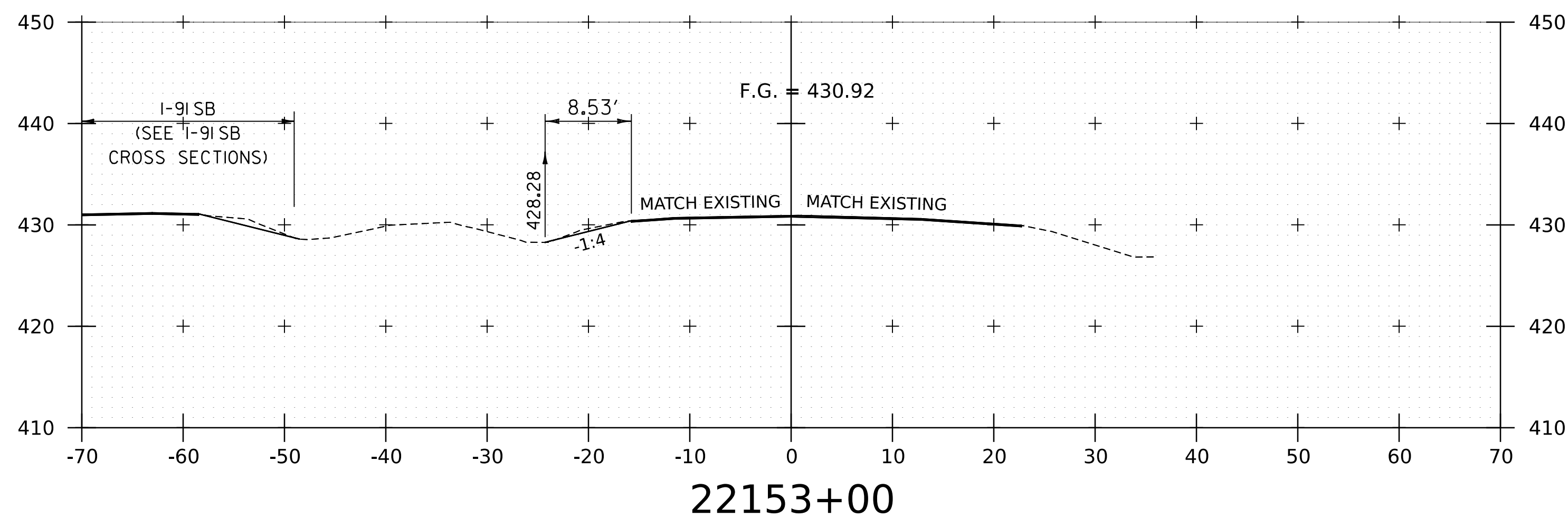
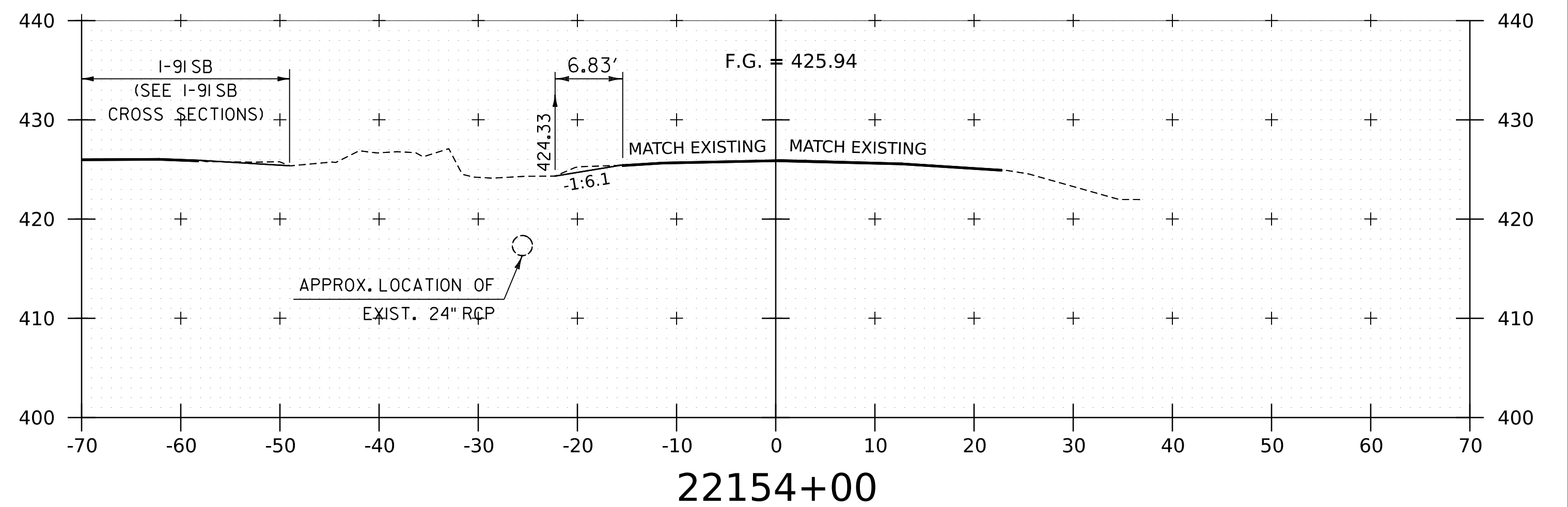
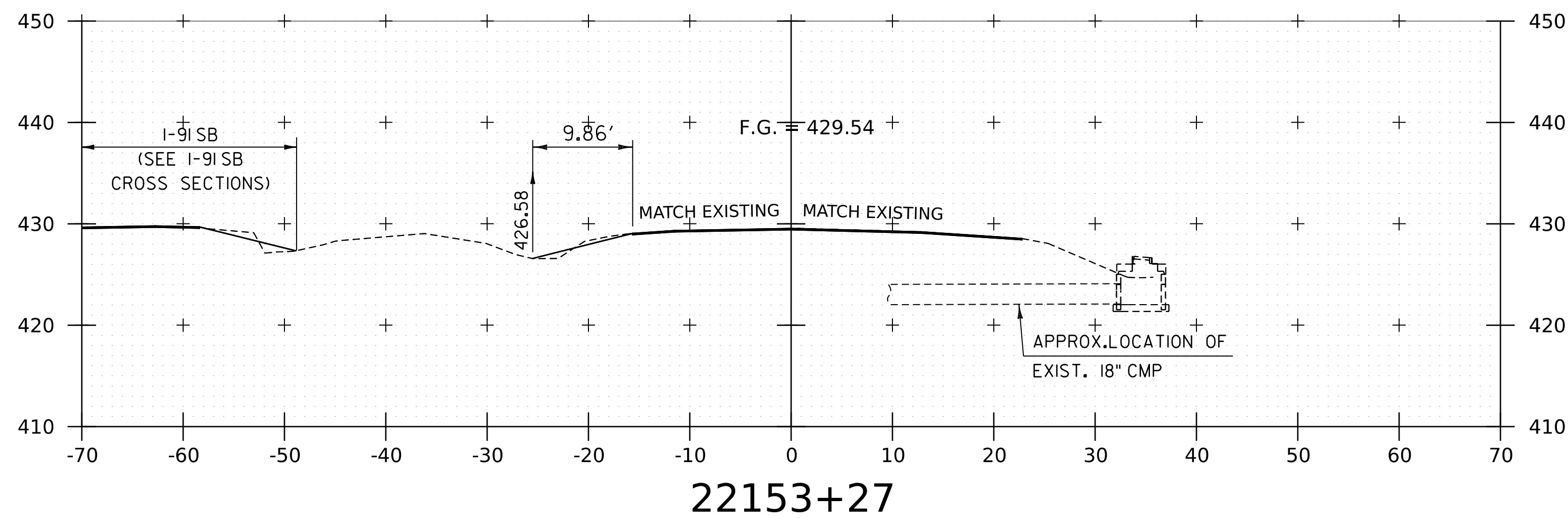
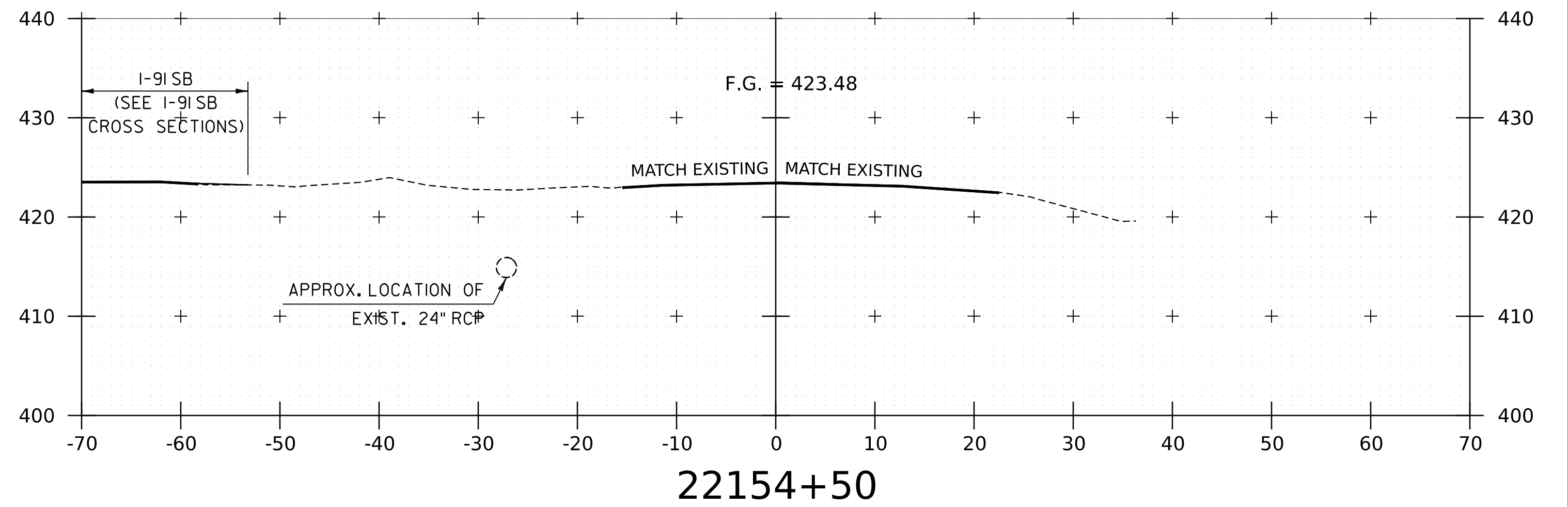
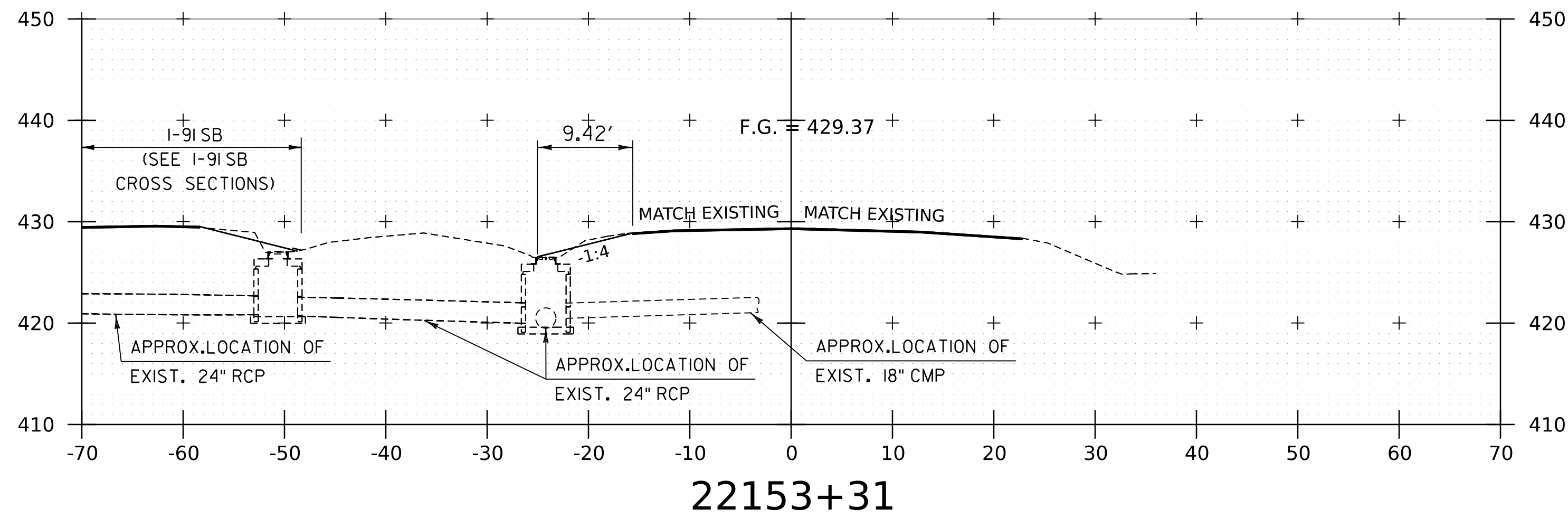
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_1-91_NB_25.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 NB CROSS SECTIONS 2

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 161 OF 439



WORKING PLANS FOR REFERENCE ONLY

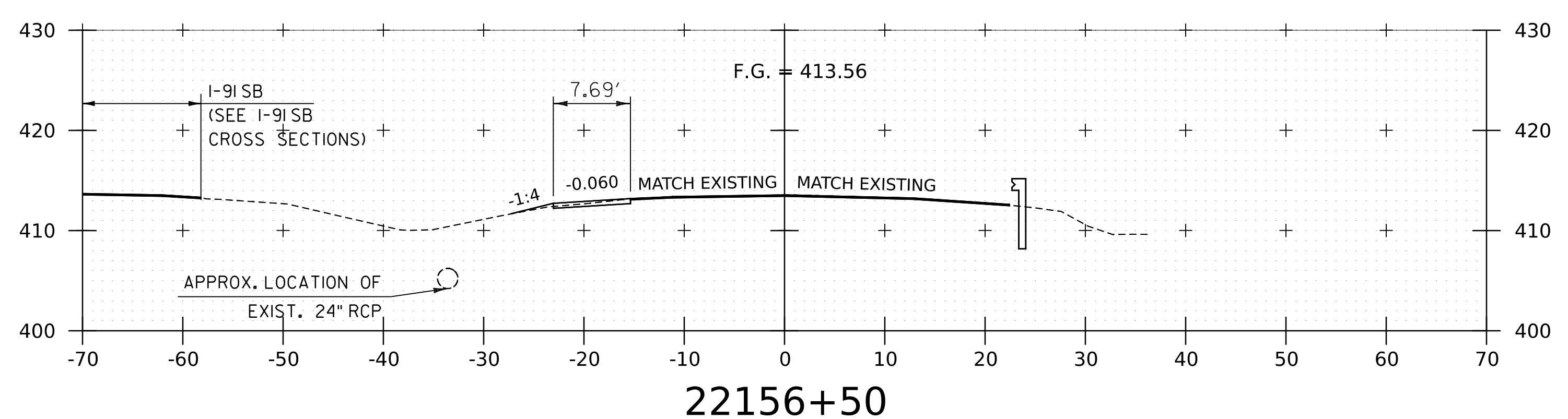
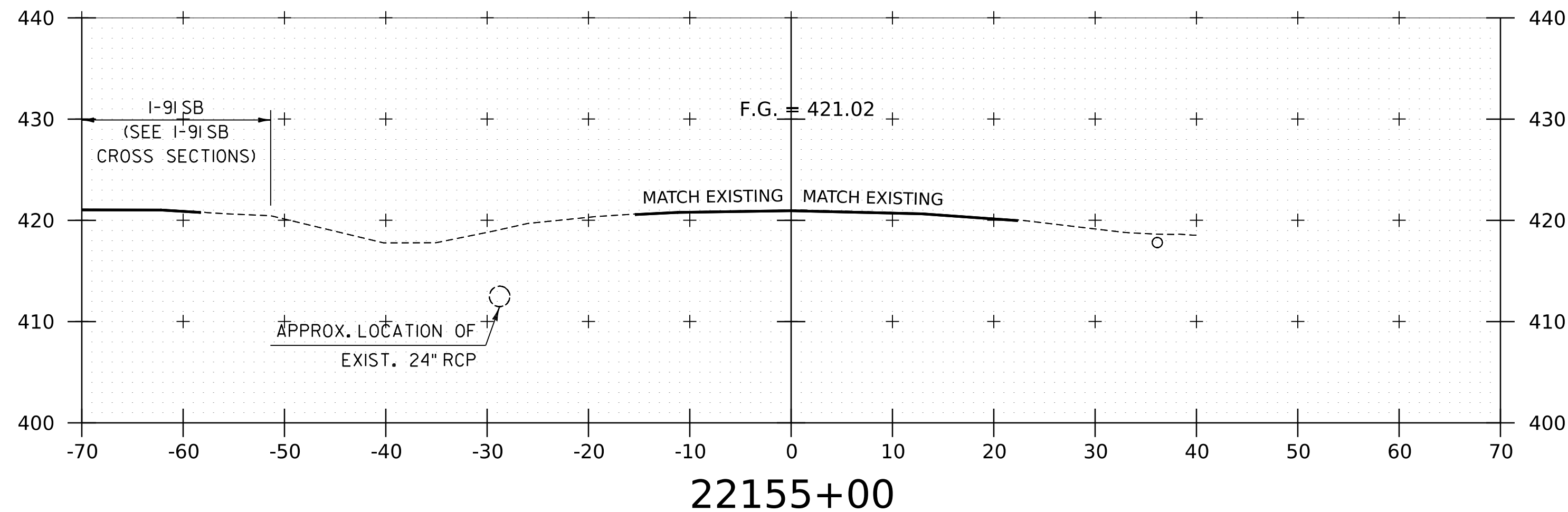
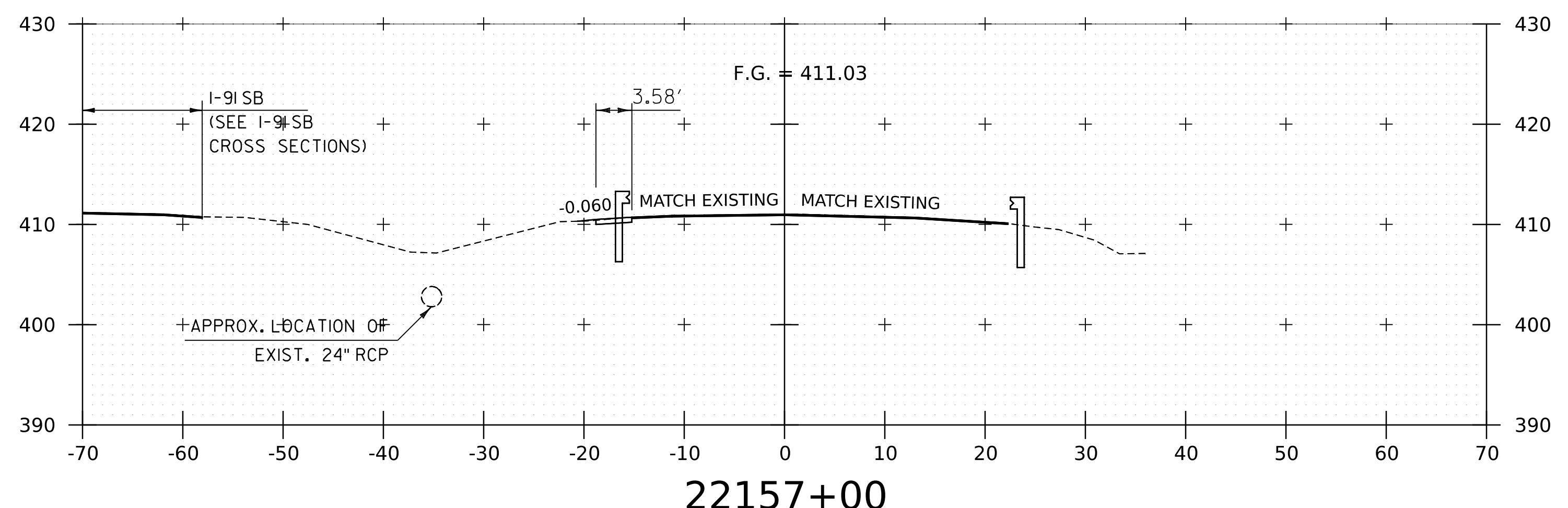
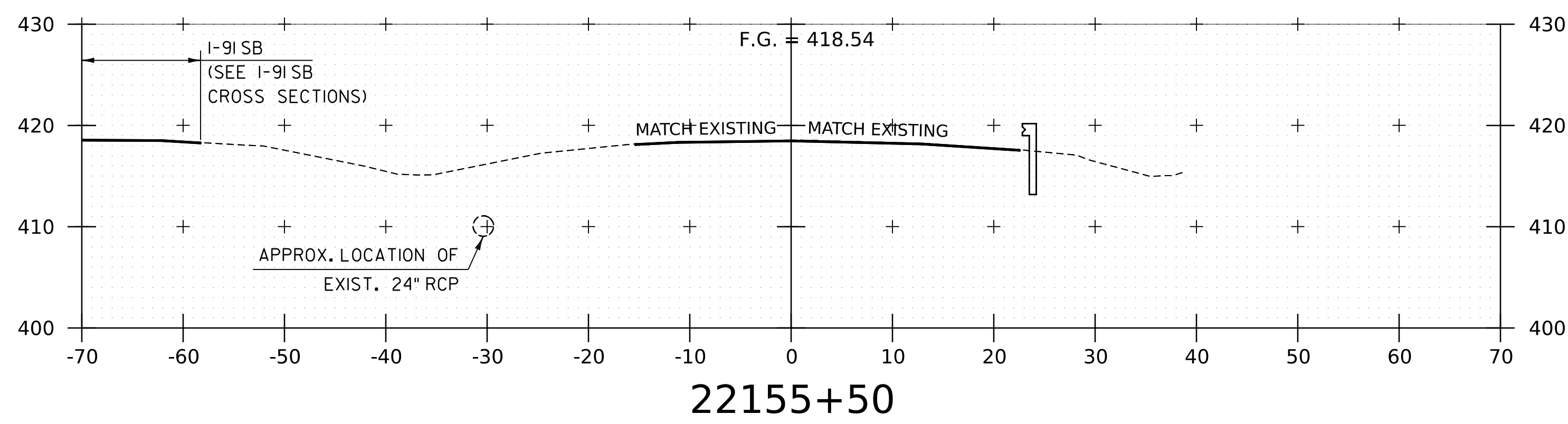
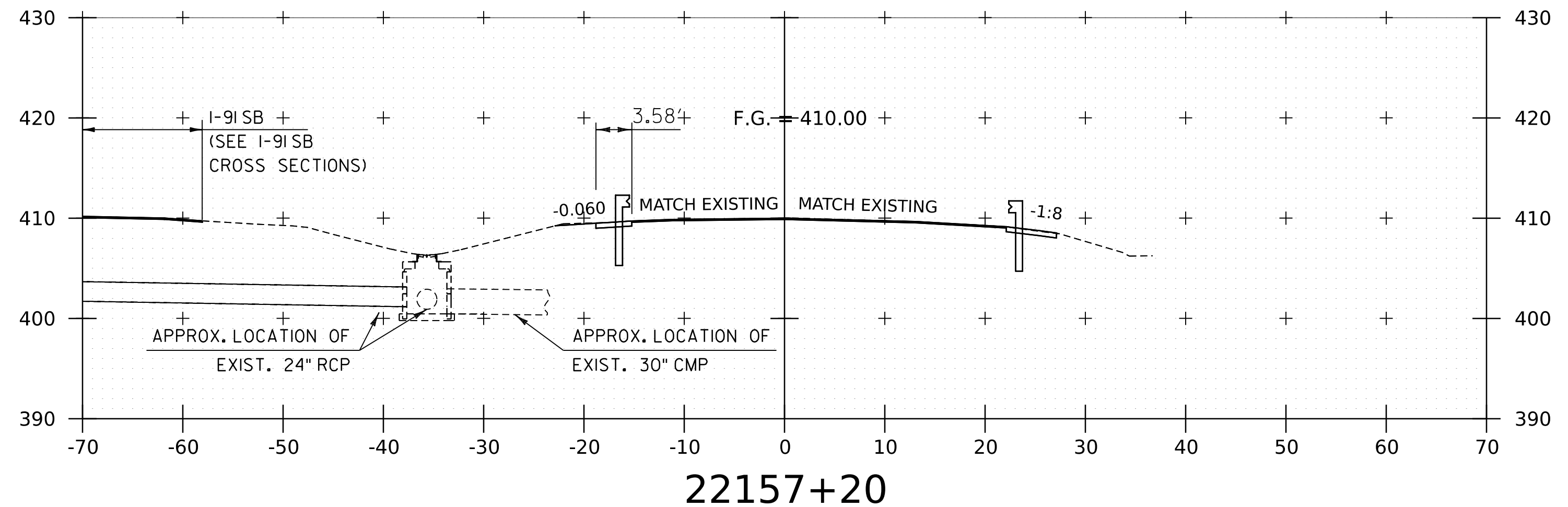
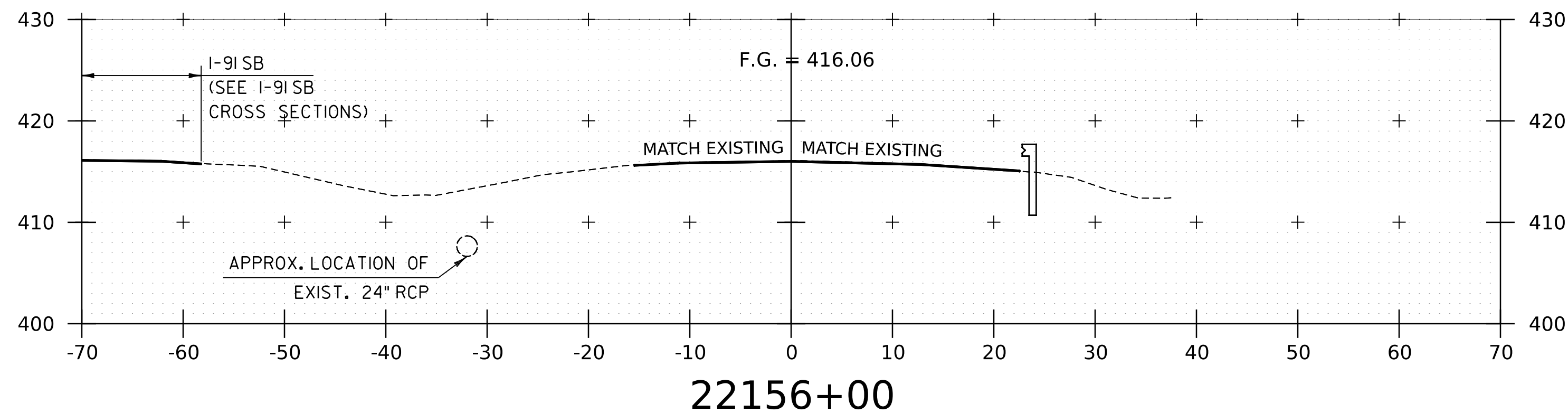


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_I-91NB_25.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 3		SHEET 162 OF 439



WORKING PLANS FOR REFERENCE ONLY

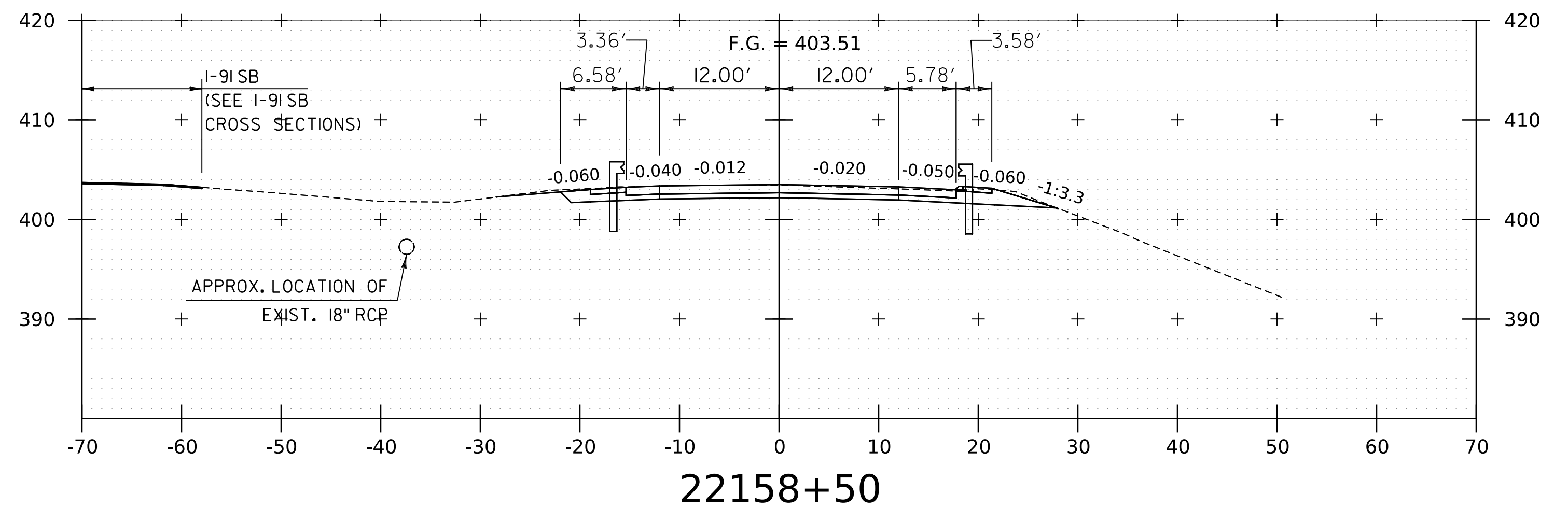
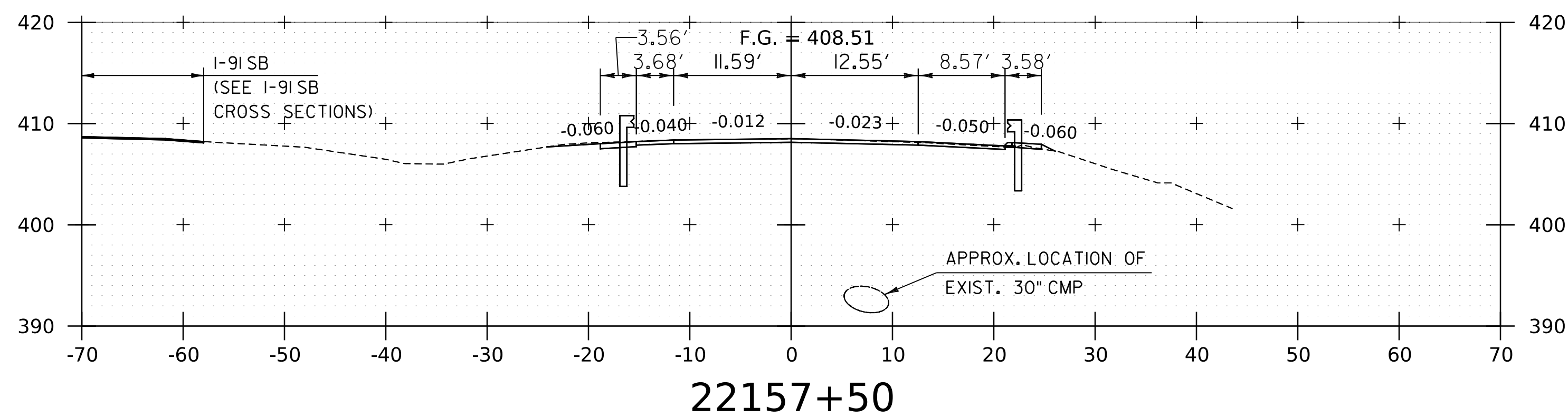
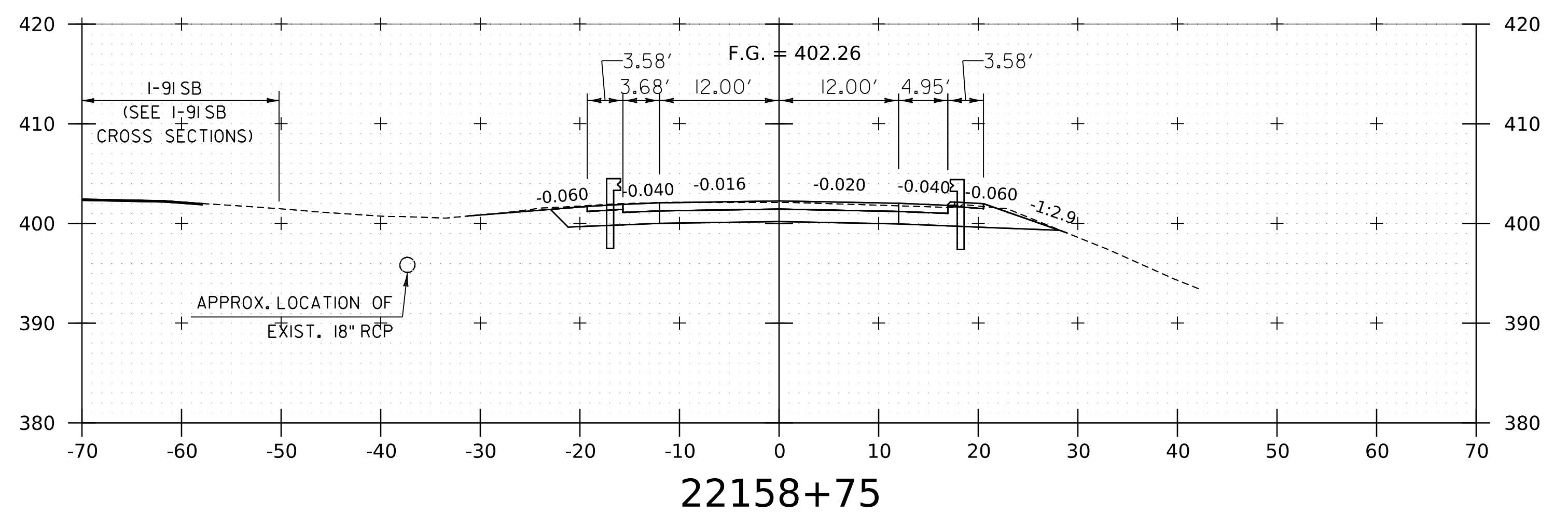
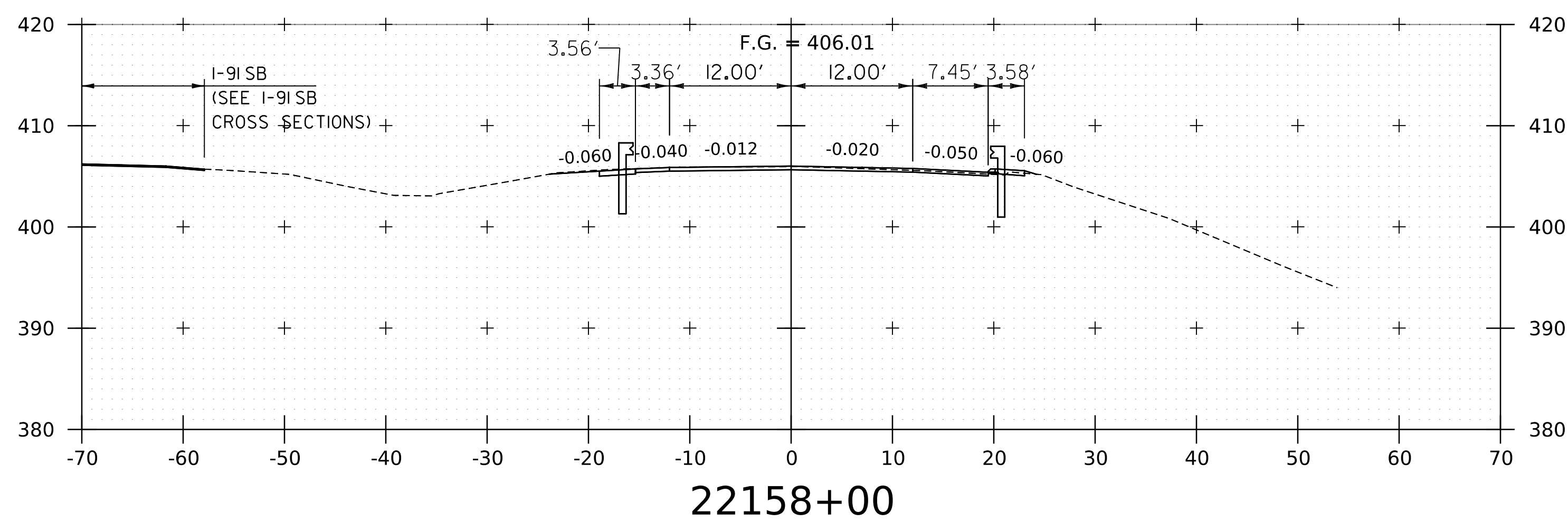
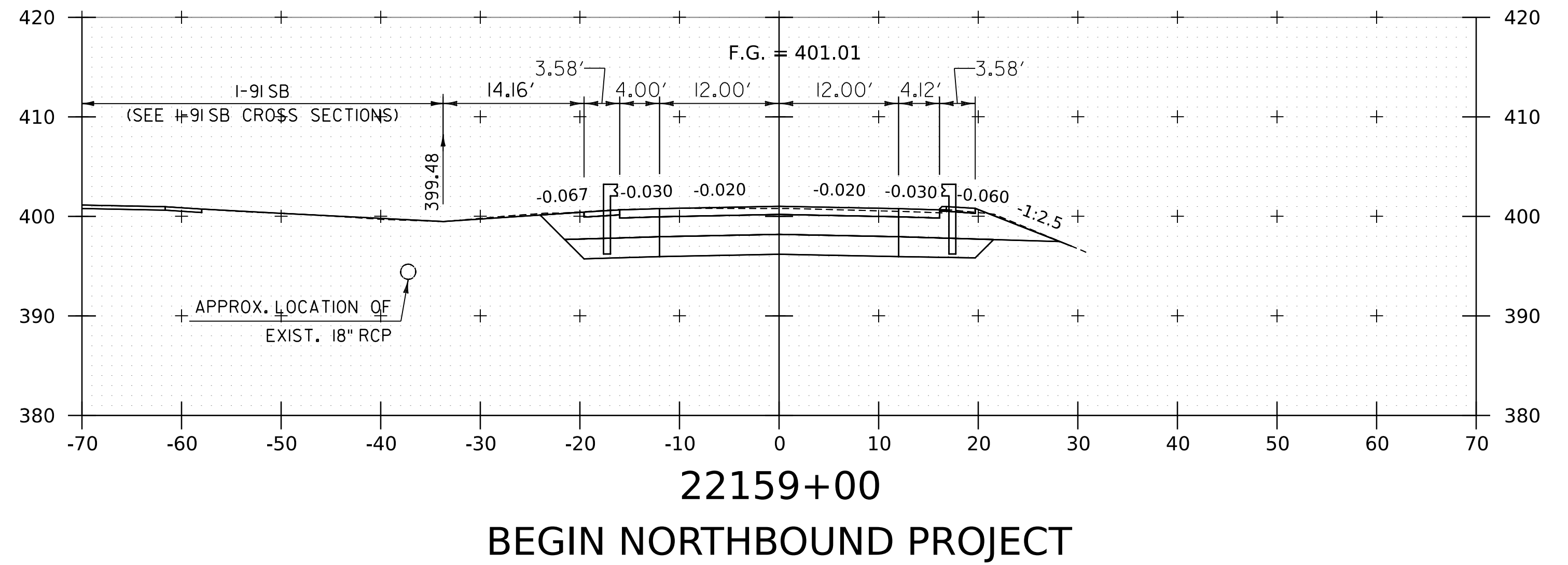
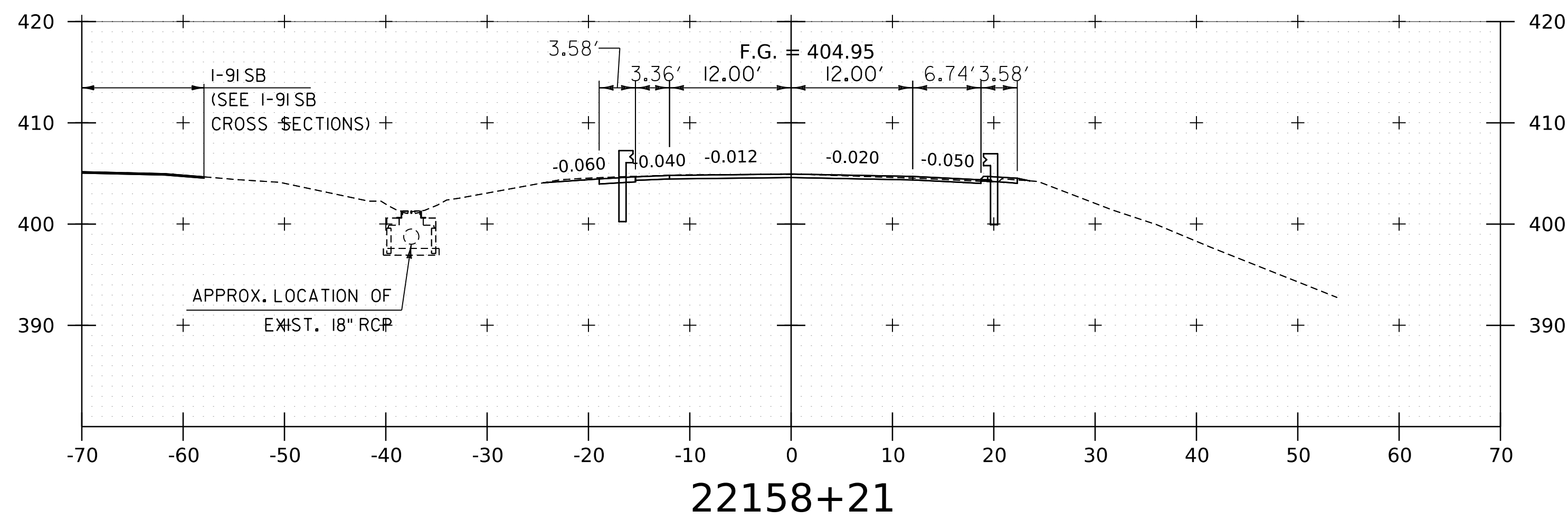


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_I-91_NB_25.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
DESIGNED BY:	C. HELMICK	I-91NB CROSS SECTIONS 4	SHEET 163 OF 439



WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

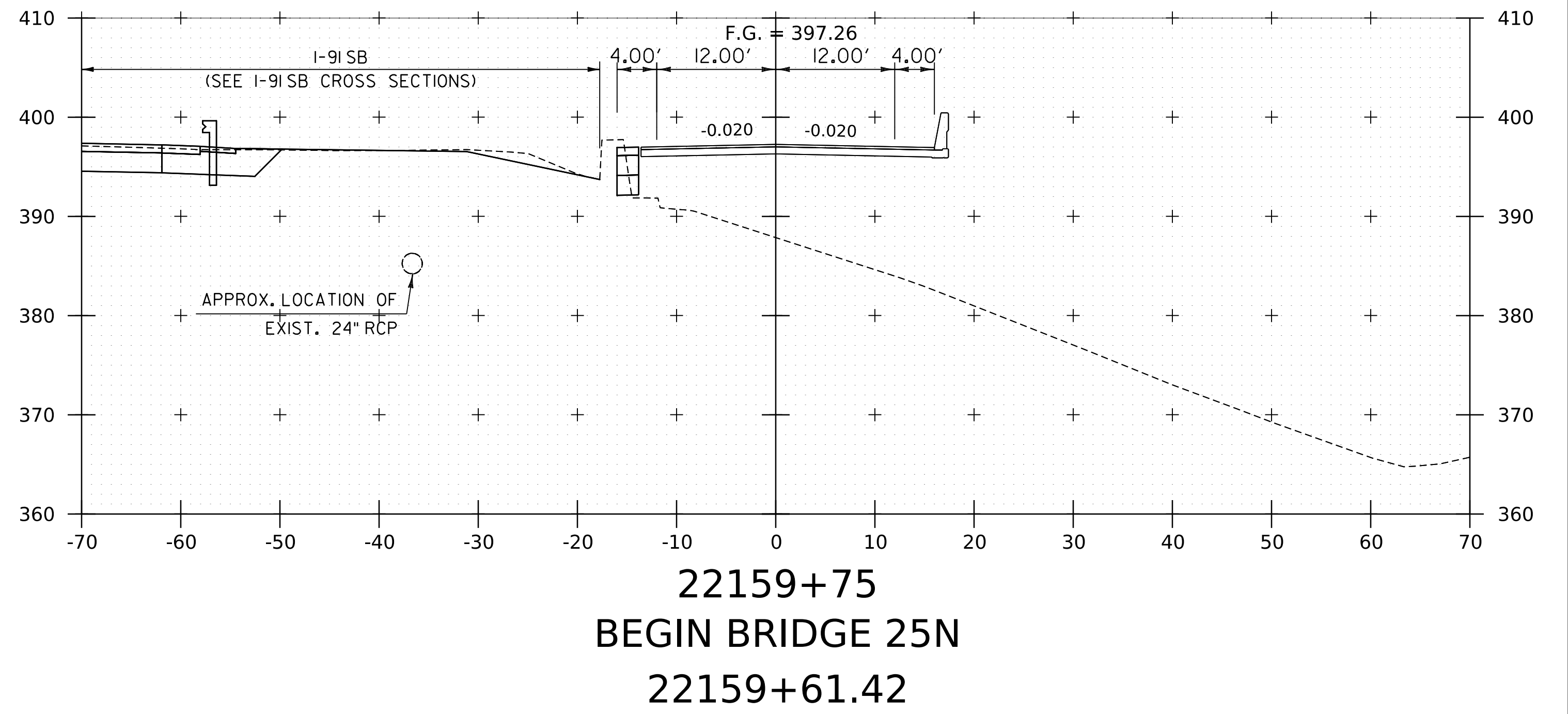
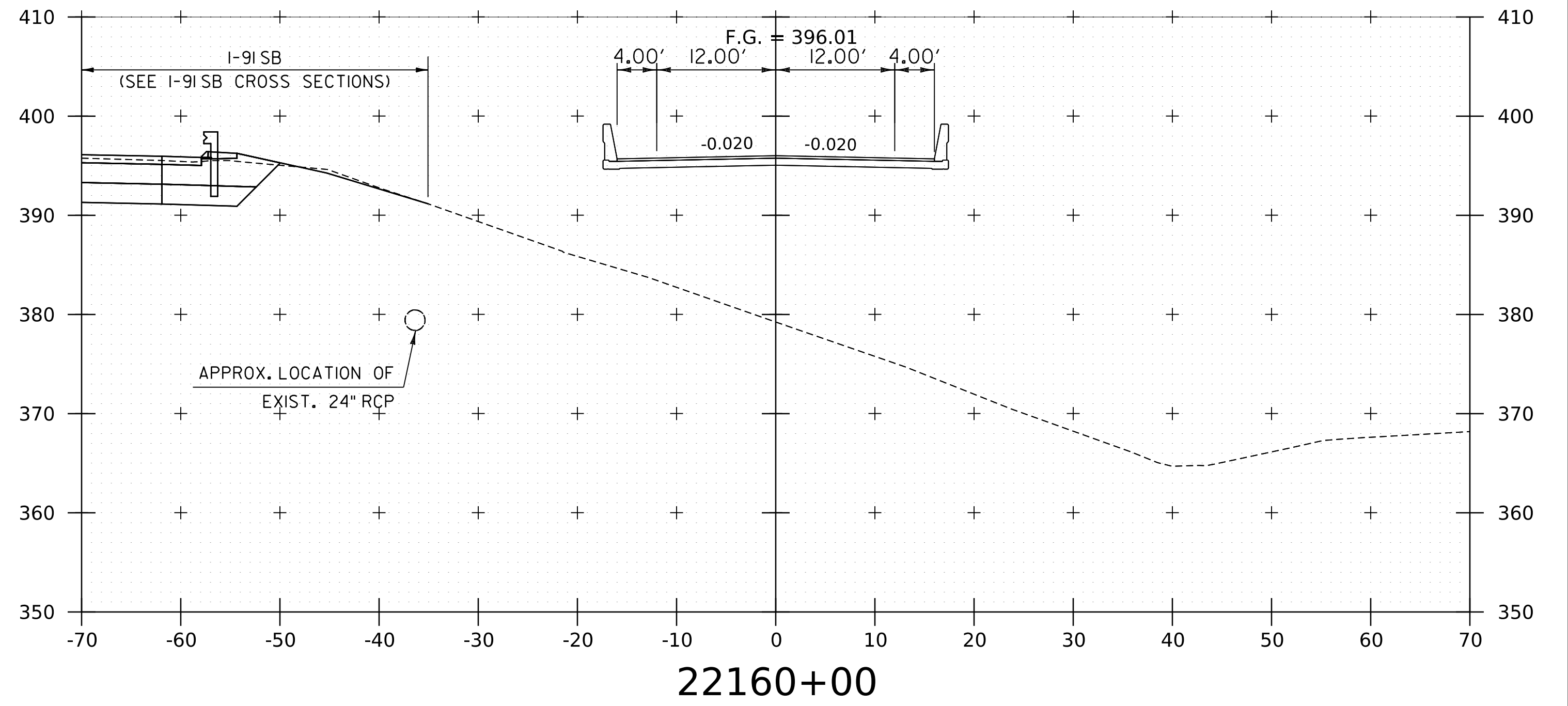
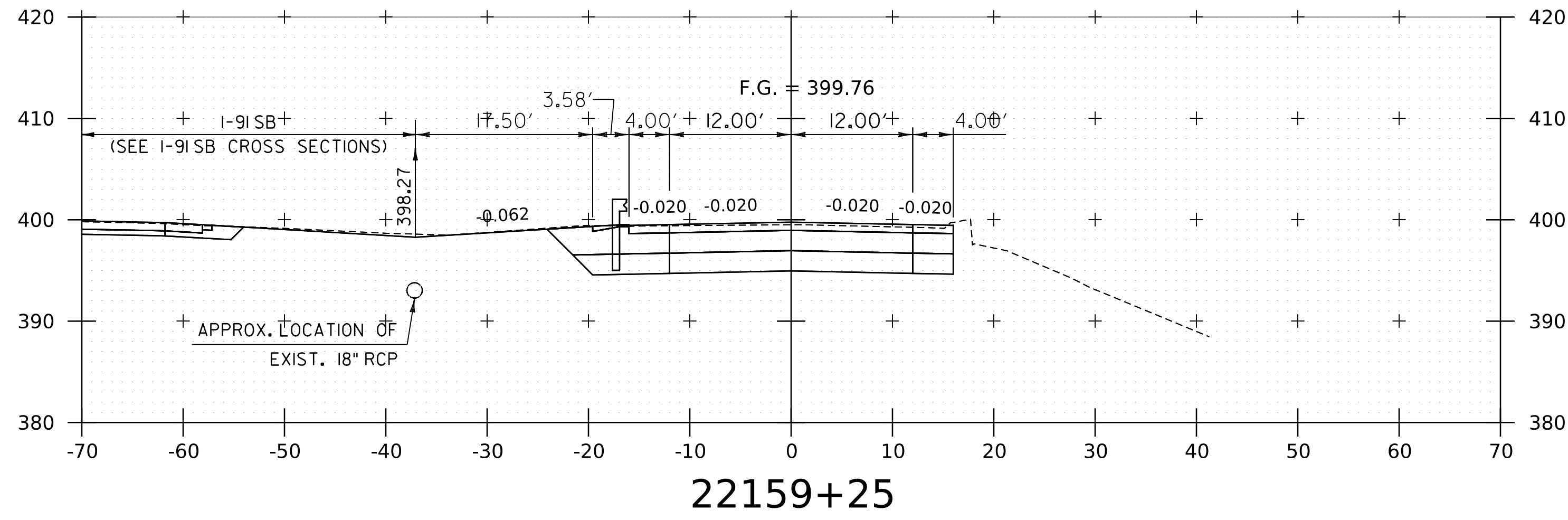
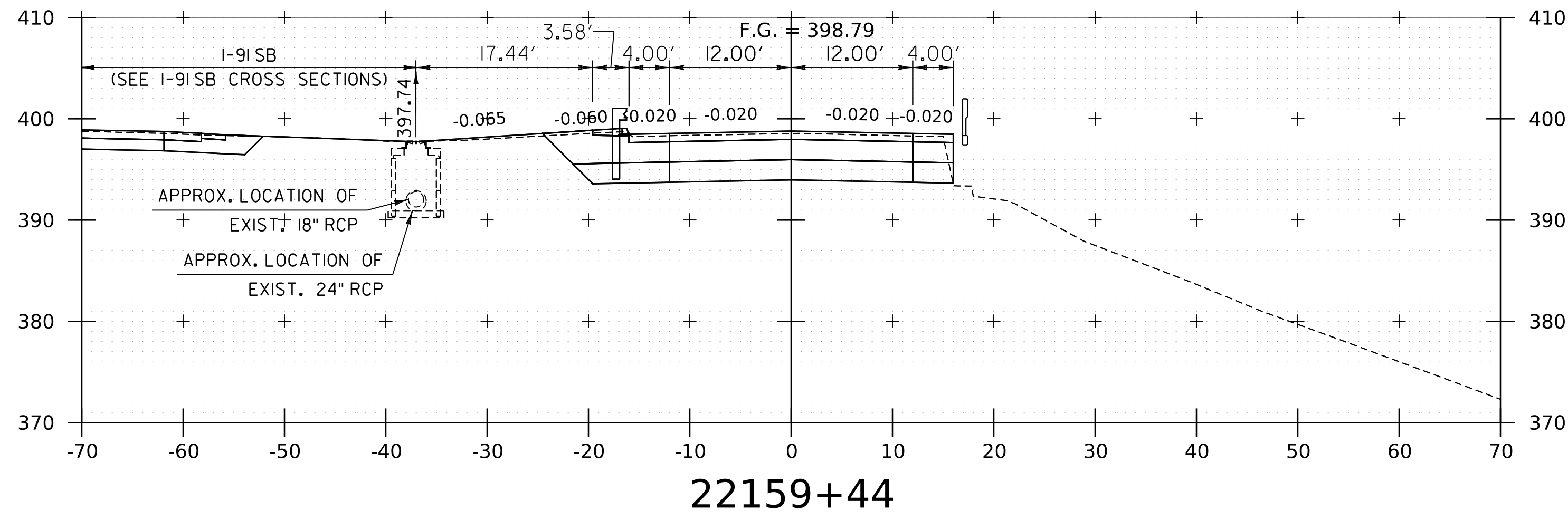
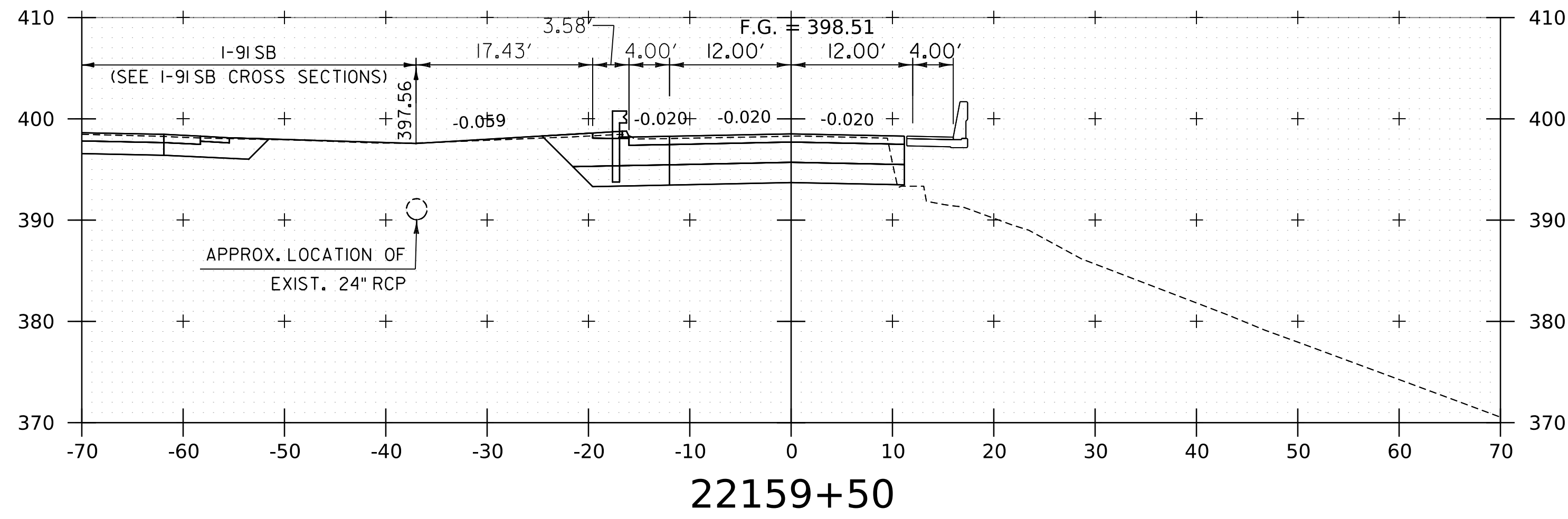
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574xs.I-91NB.25.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS 5

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 164 OF 439



WORKING PLANS FOR REFERENCE ONLY

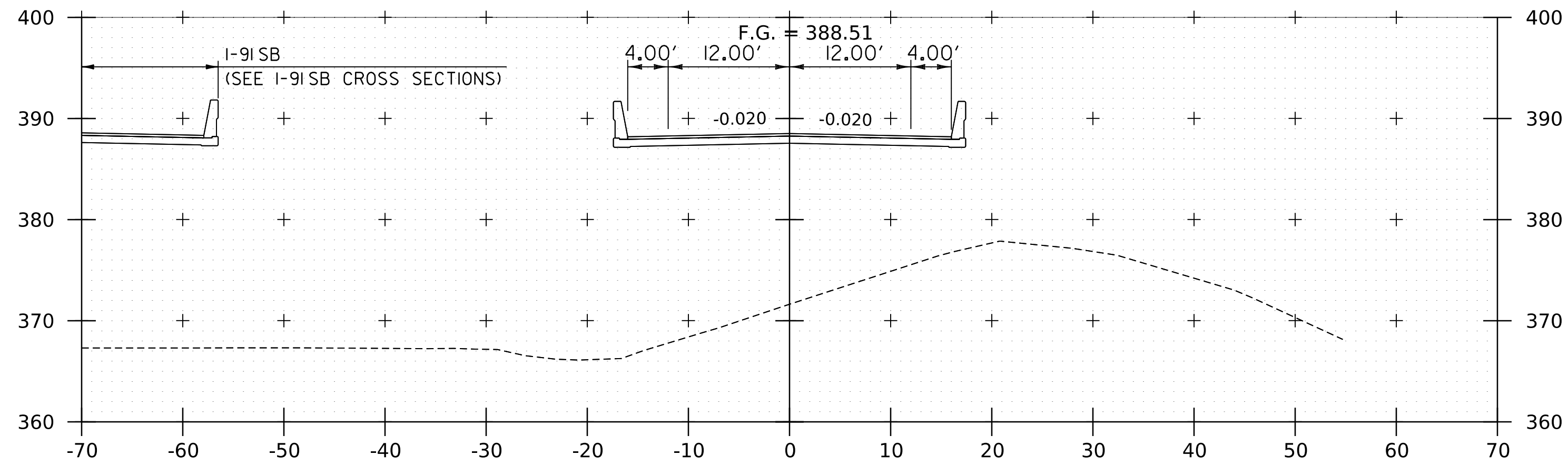


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

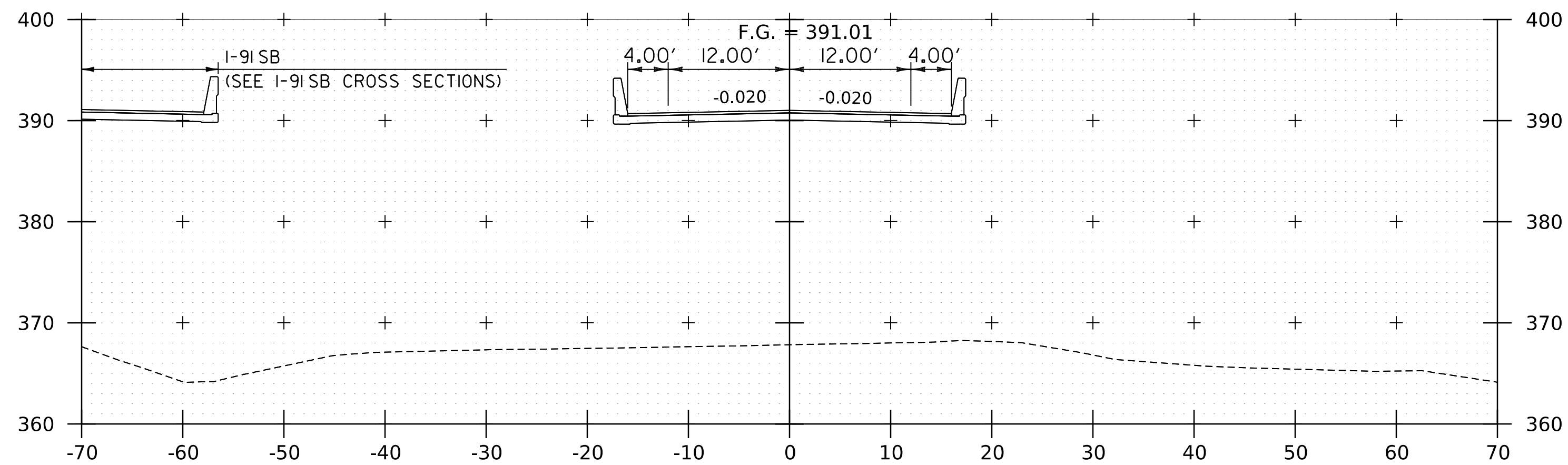
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91NB_25.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS 6	SHEET 165 OF 439



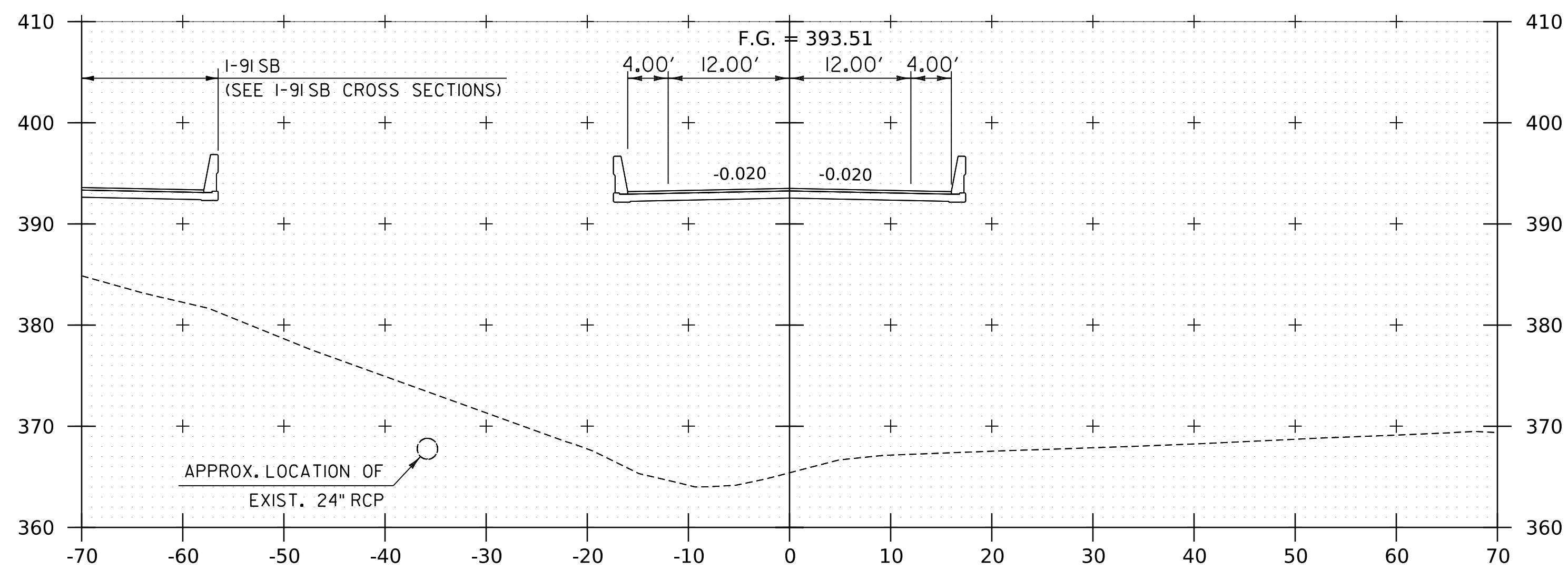
WORKING PLANS FOR REFERENCE ONLY



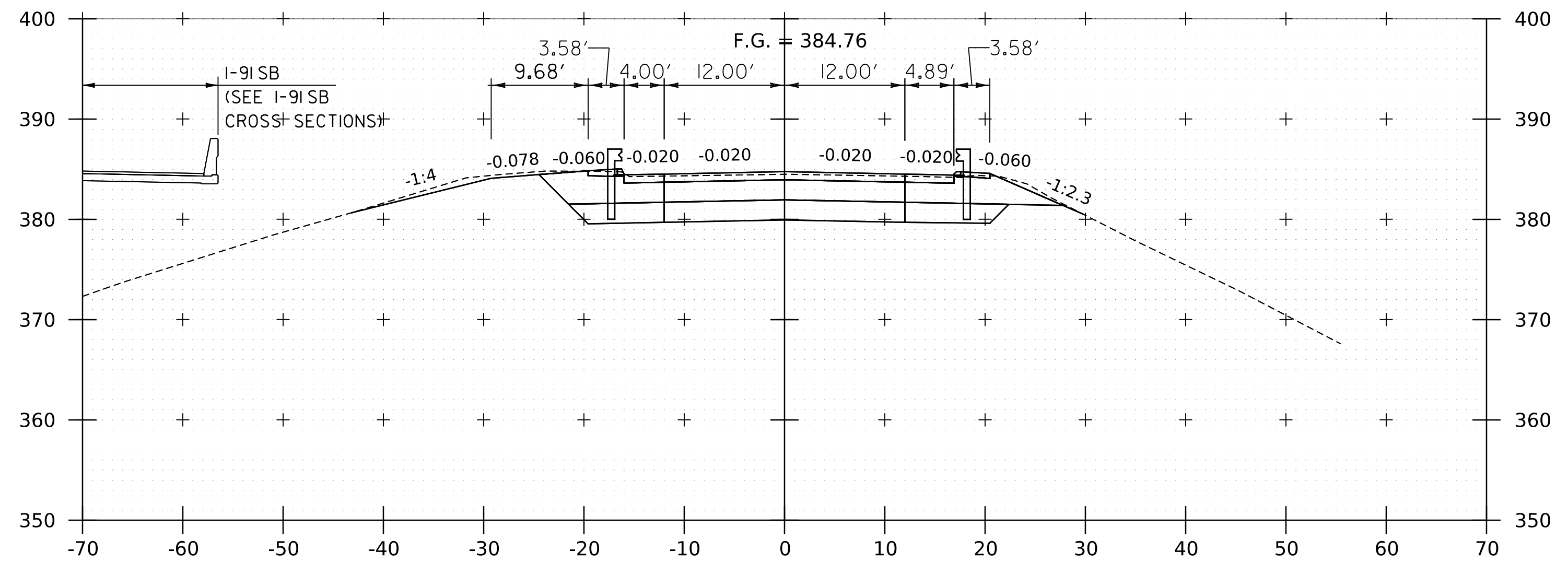
22161+50



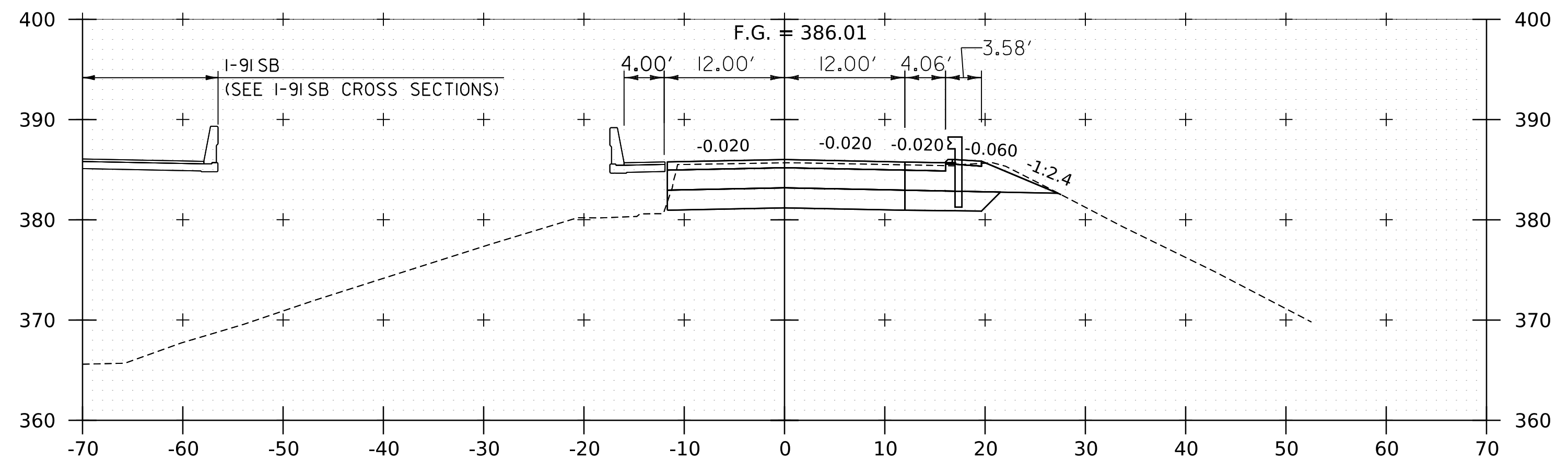
22161+00



22160+50



22162+25



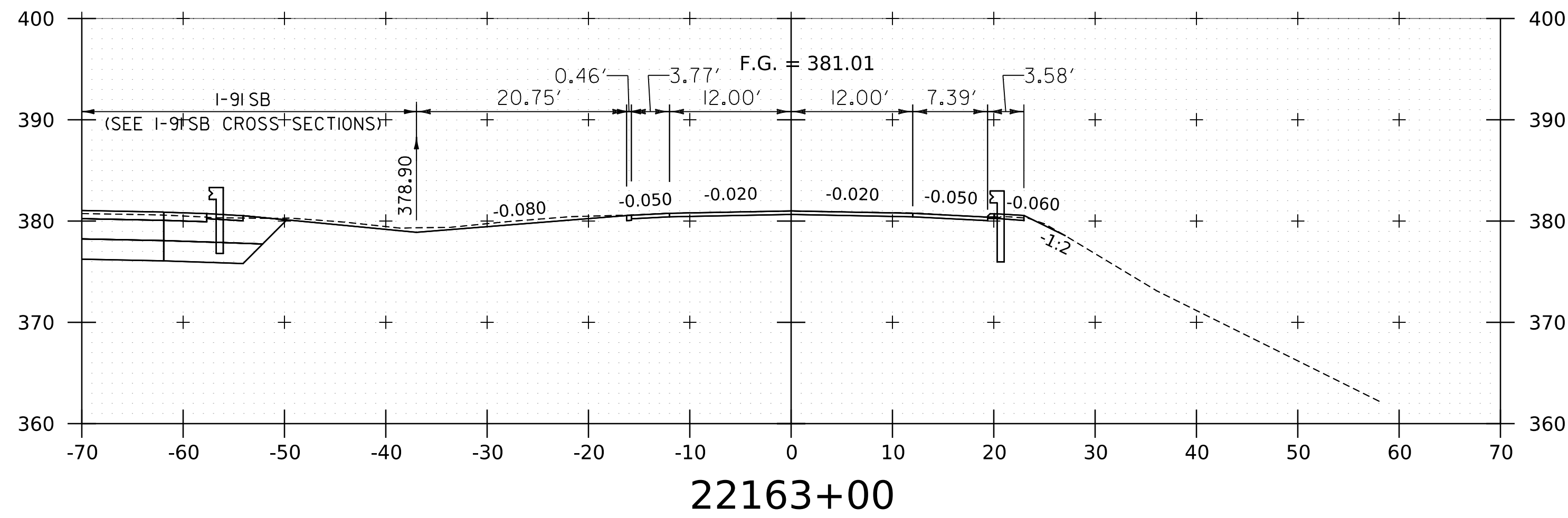
22162+00
END BRIDGE 25N
22161+88.08

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

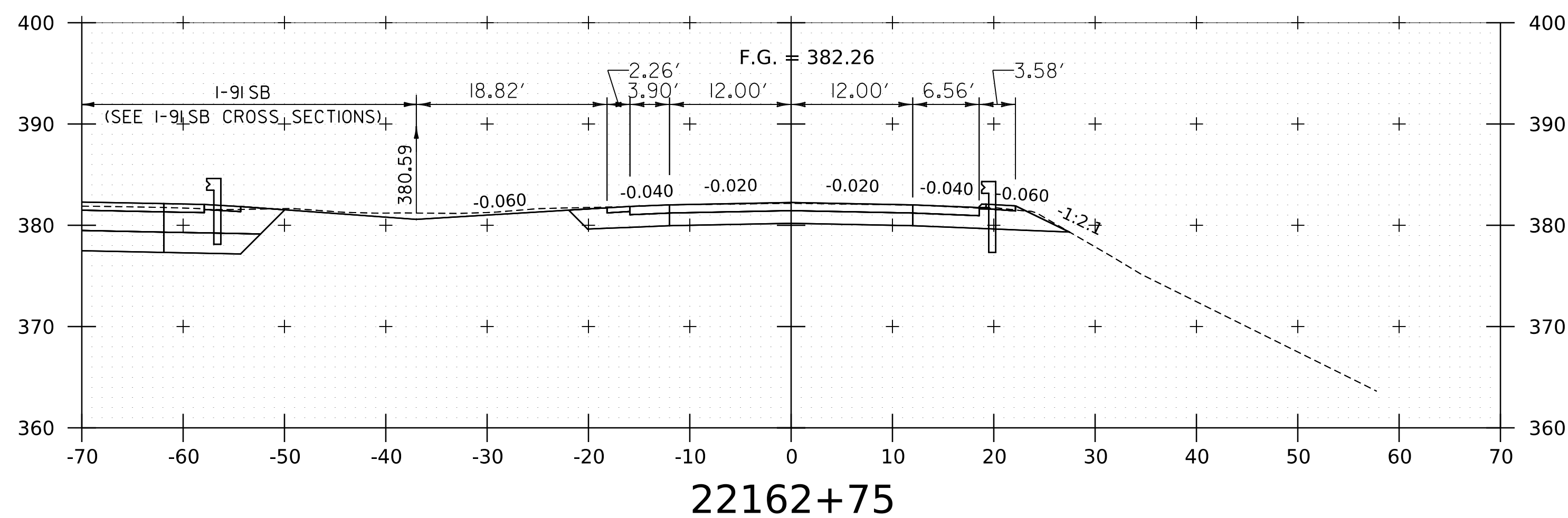
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_I-91_NB_25.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS 7		SHEET	166 OF 439



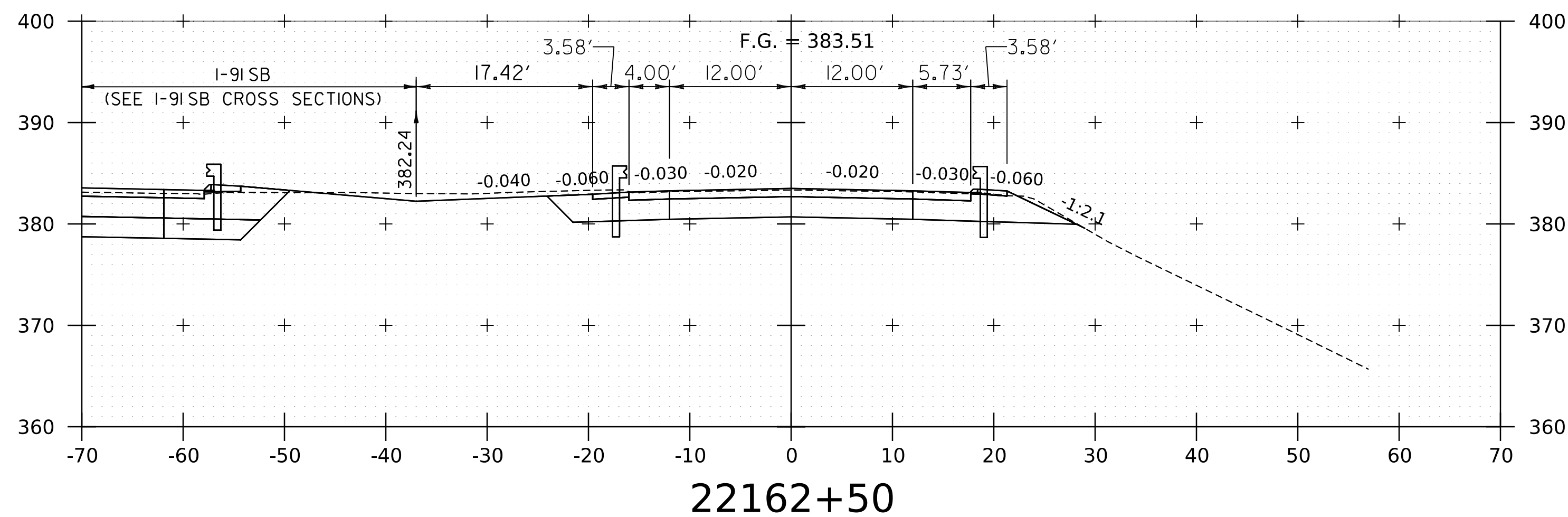
WORKING PLANS FOR REFERENCE ONLY



22163+00

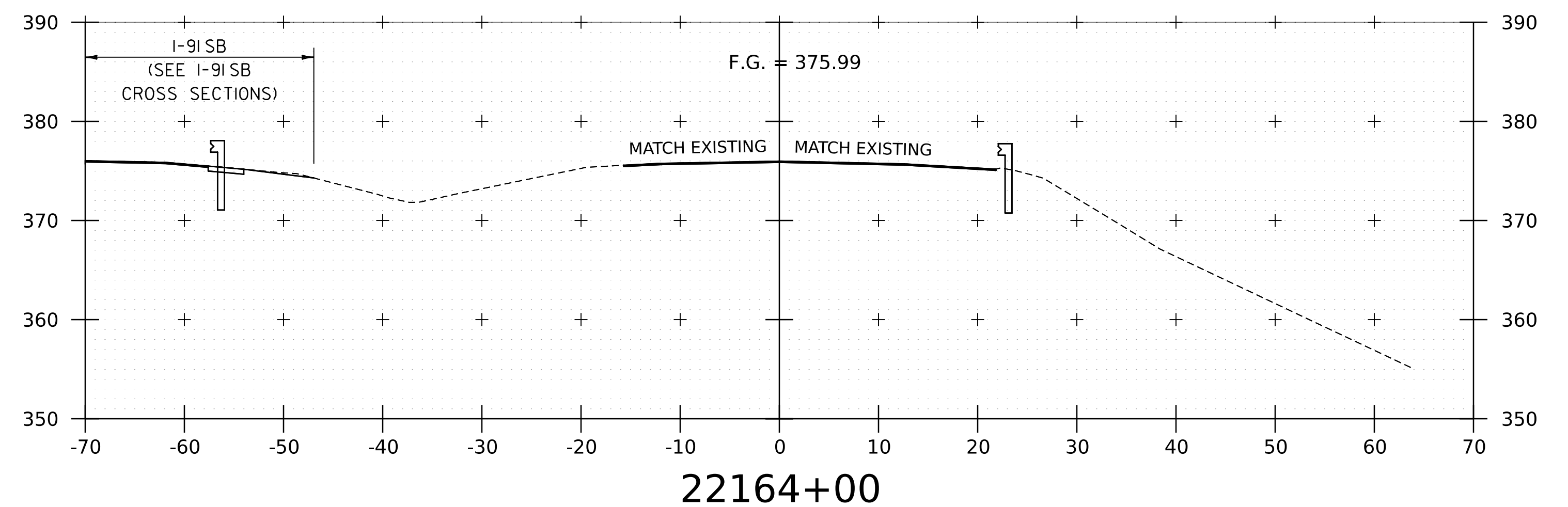


22162+75

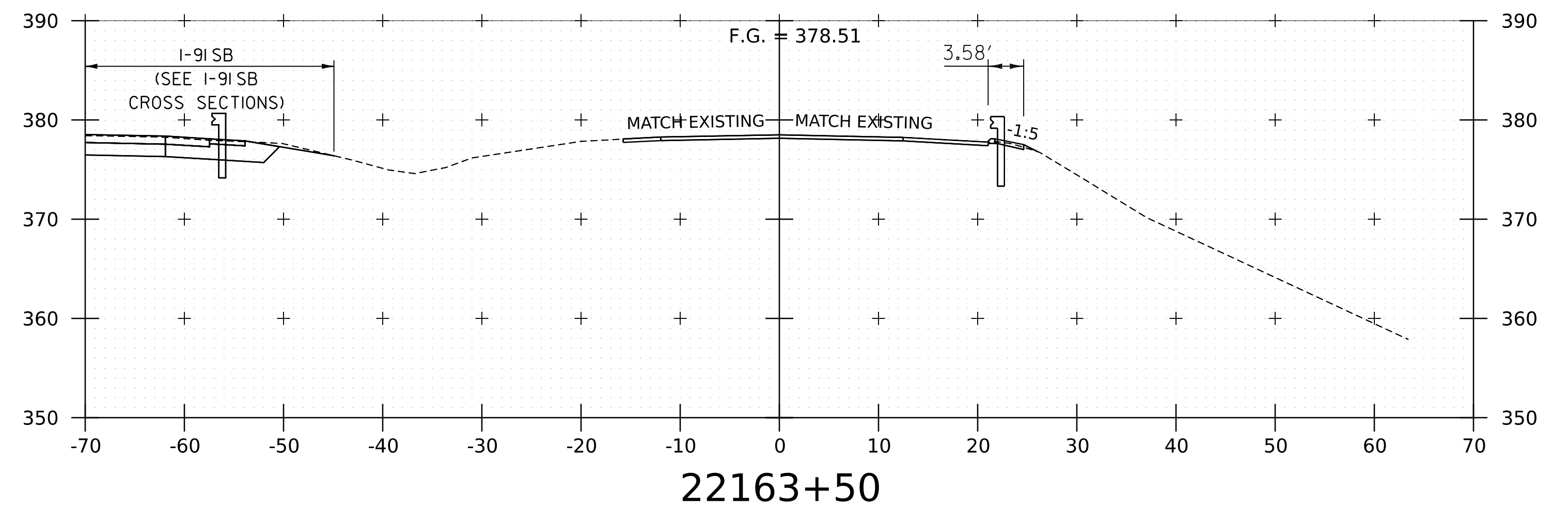


22162+50

STOP NORTHBOUND PROJECT



22164+00



22163+50

NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 22164+00 AND 22173+50.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

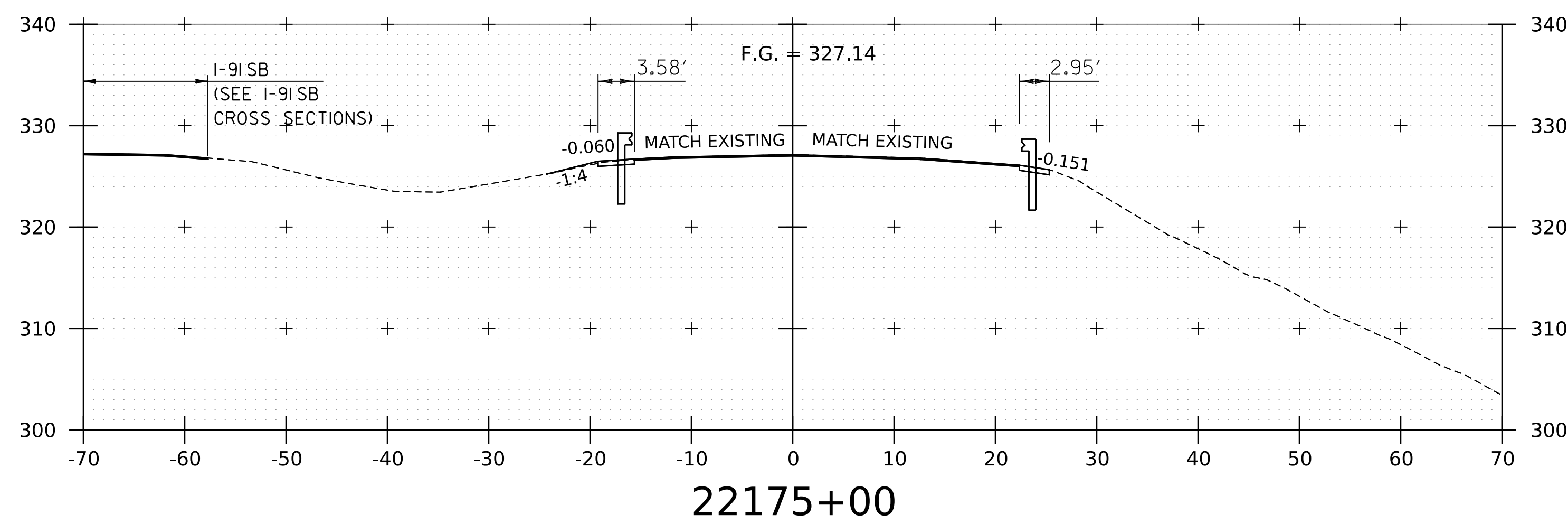
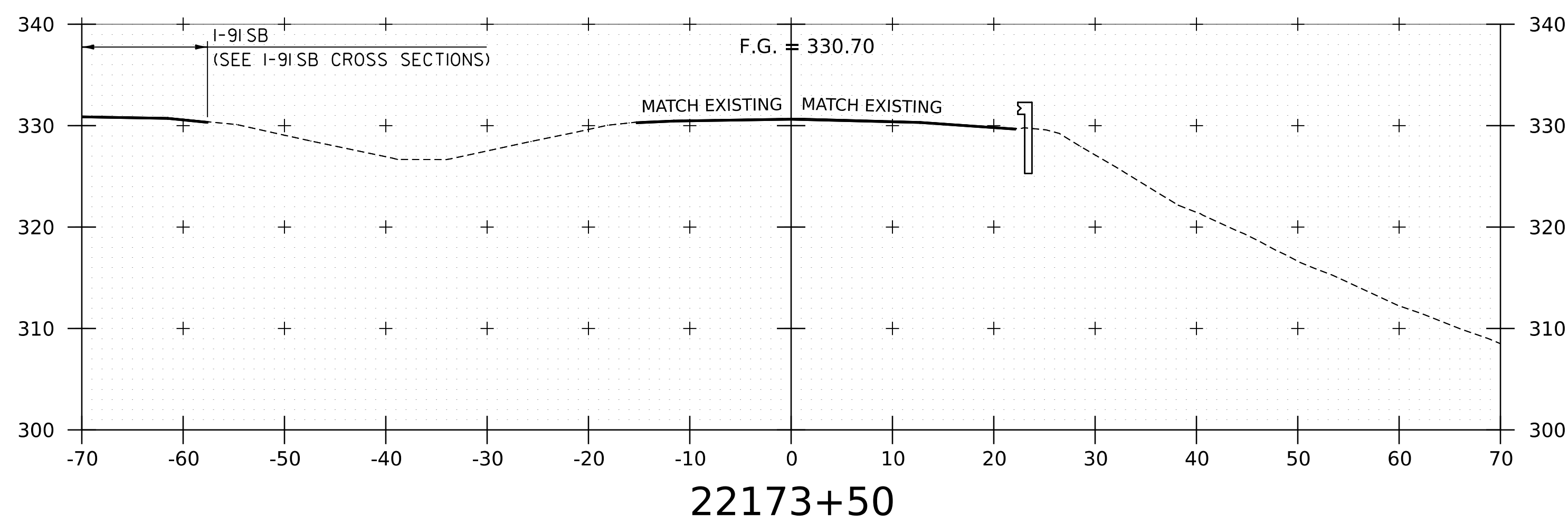
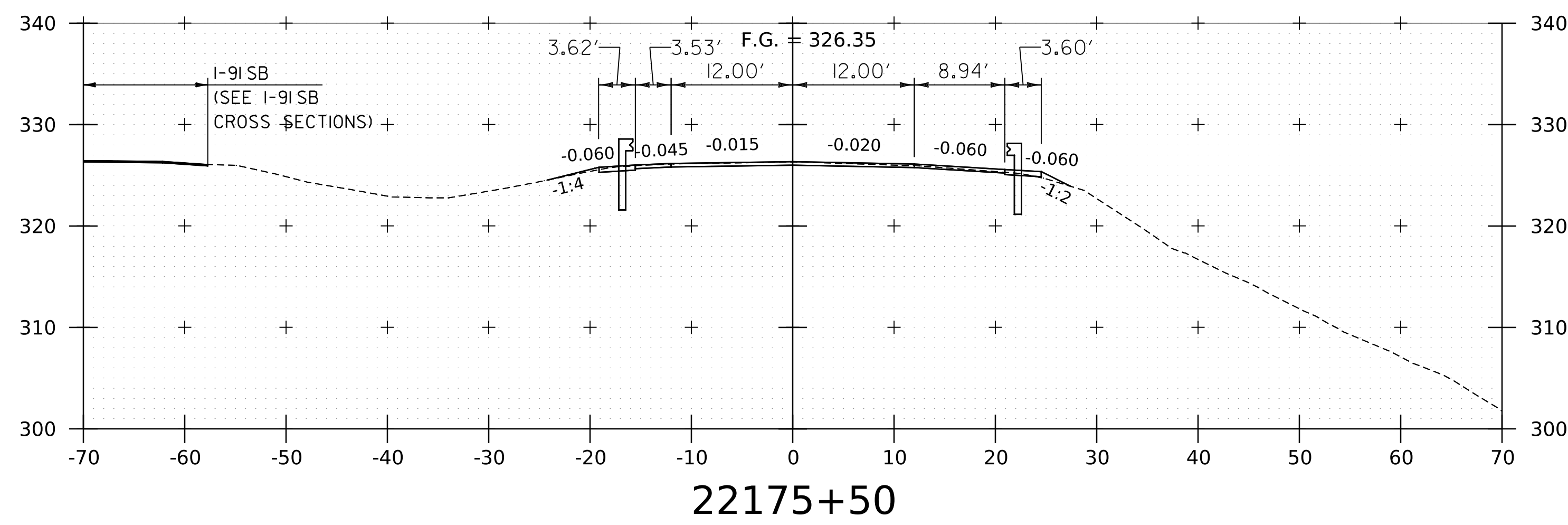
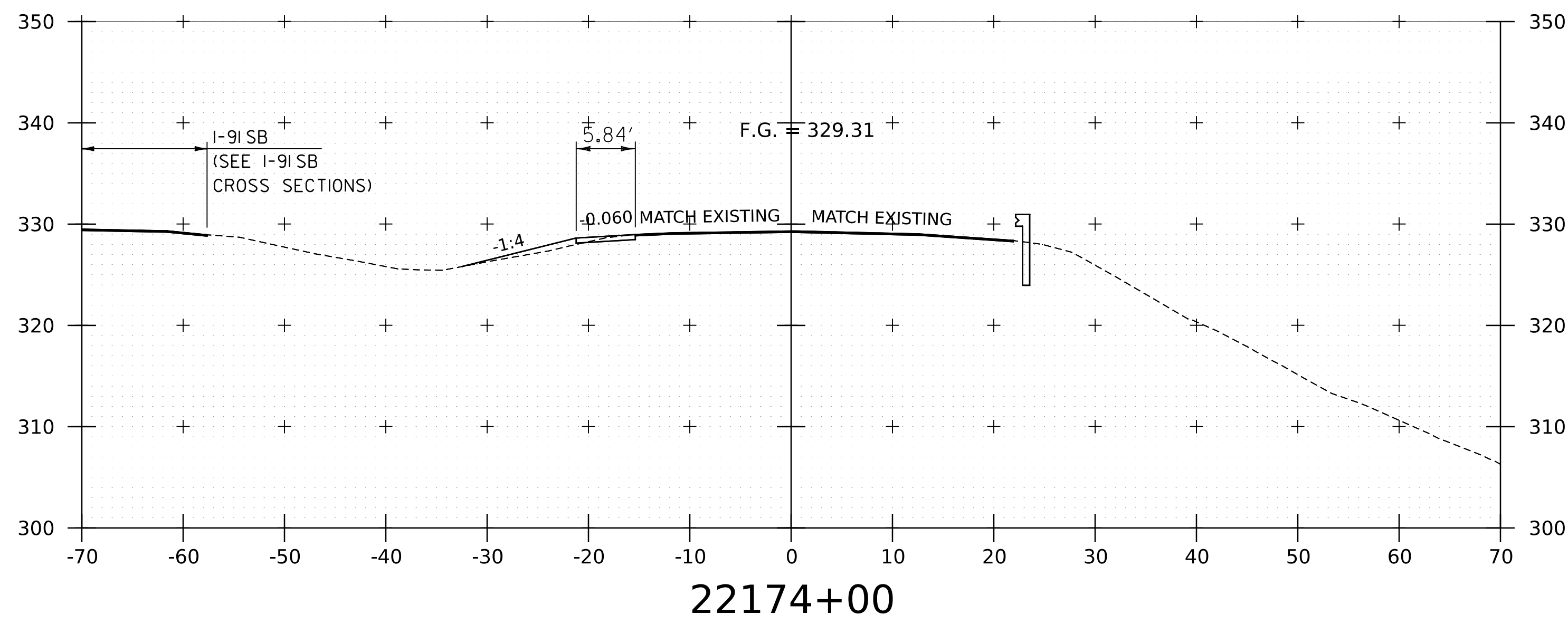
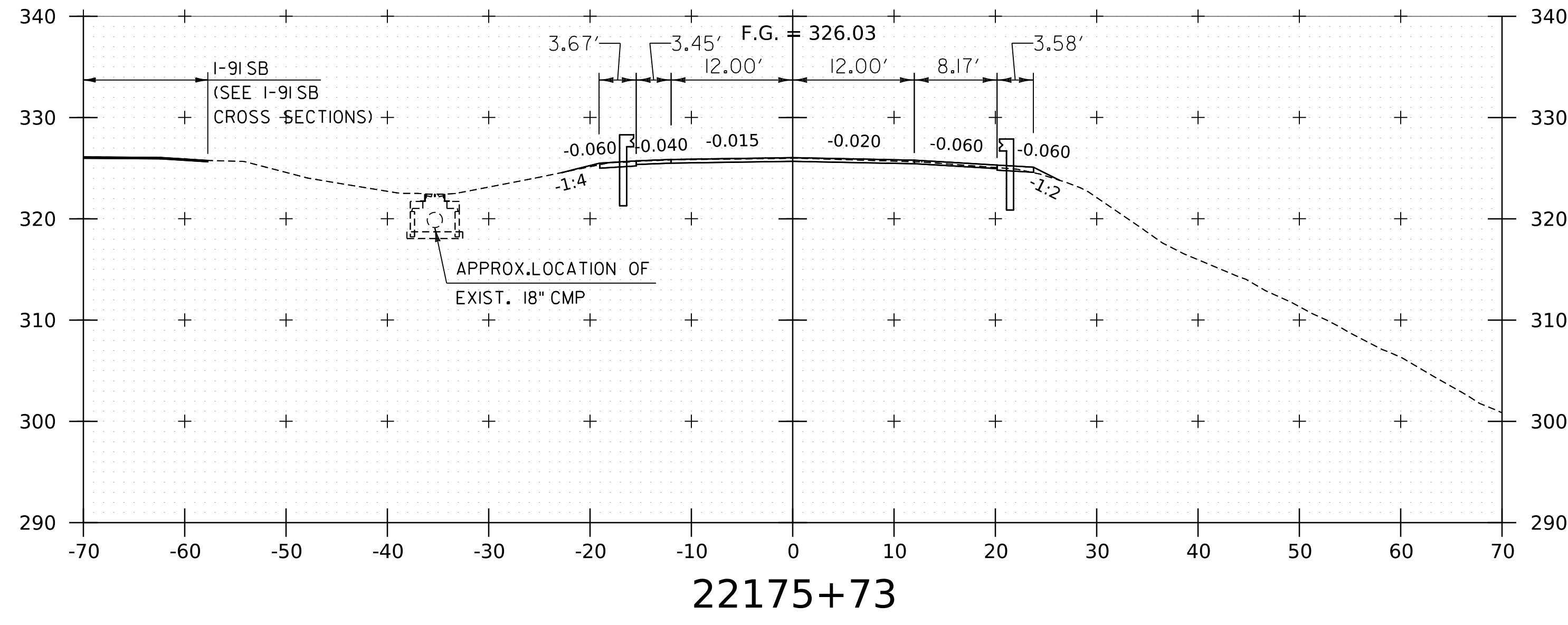
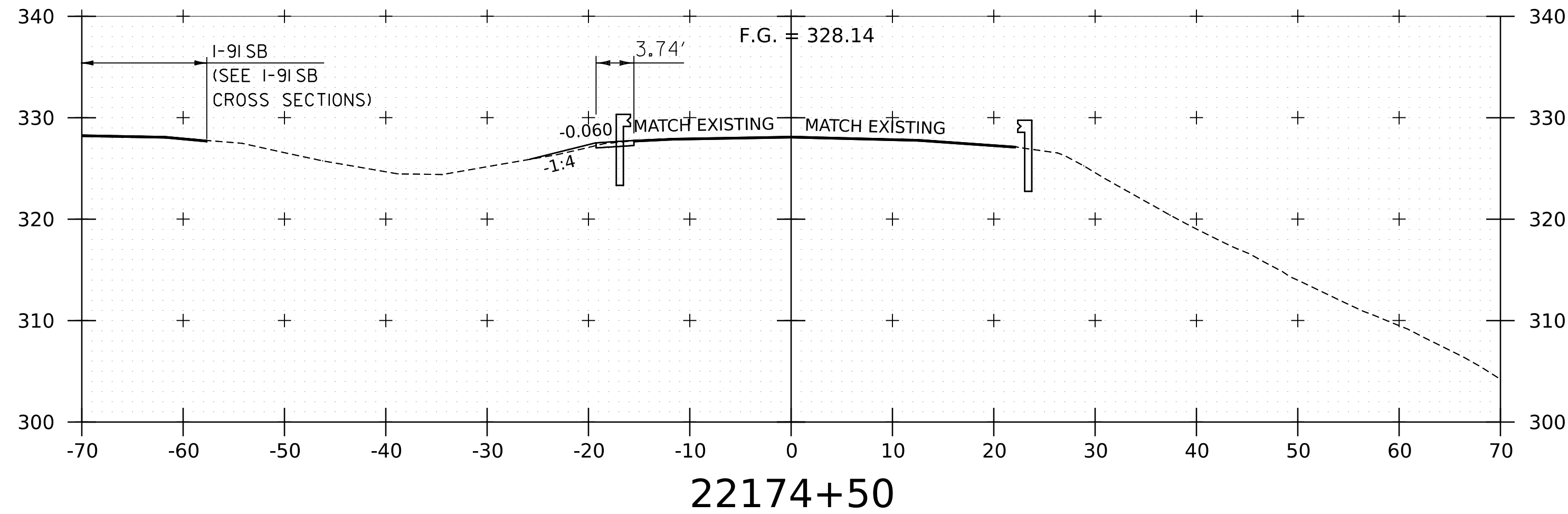
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs.I-91NB.25.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91NB CROSS SECTIONS 8

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 167 OF 439



WORKING PLANS FOR REFERENCE ONLY

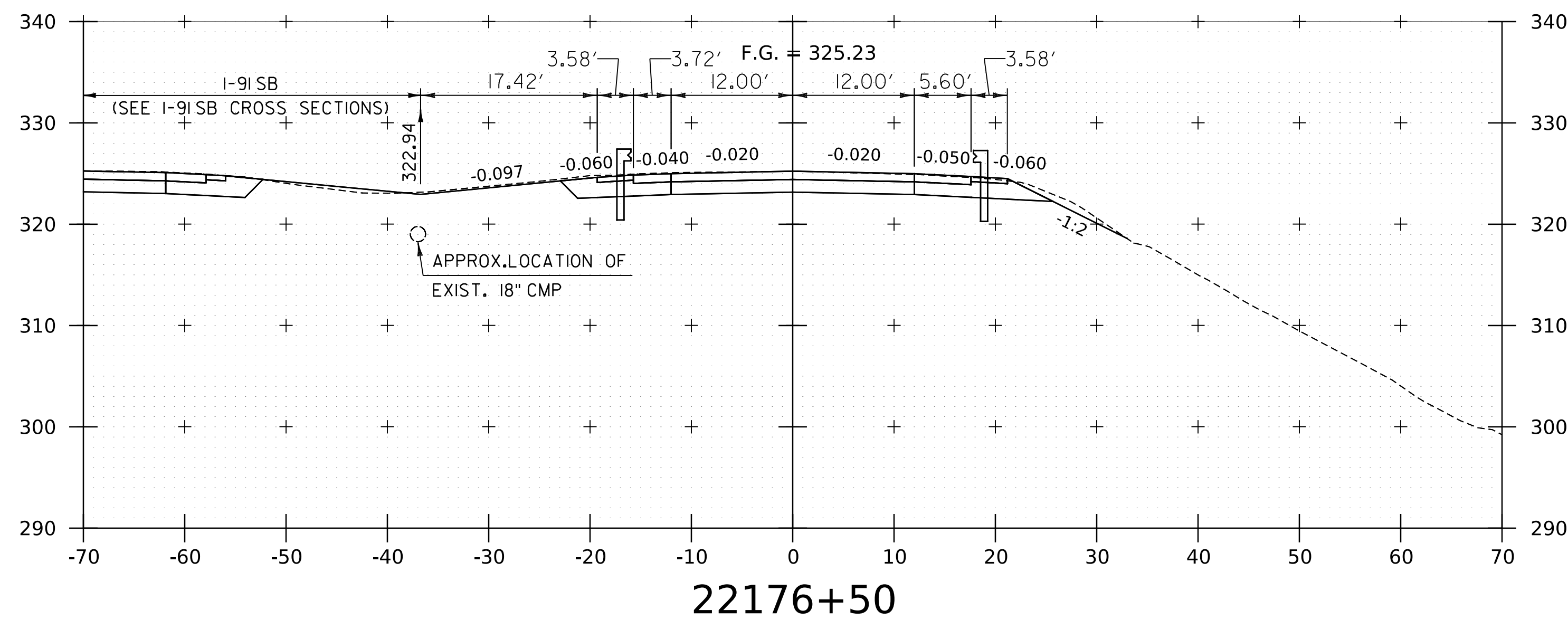
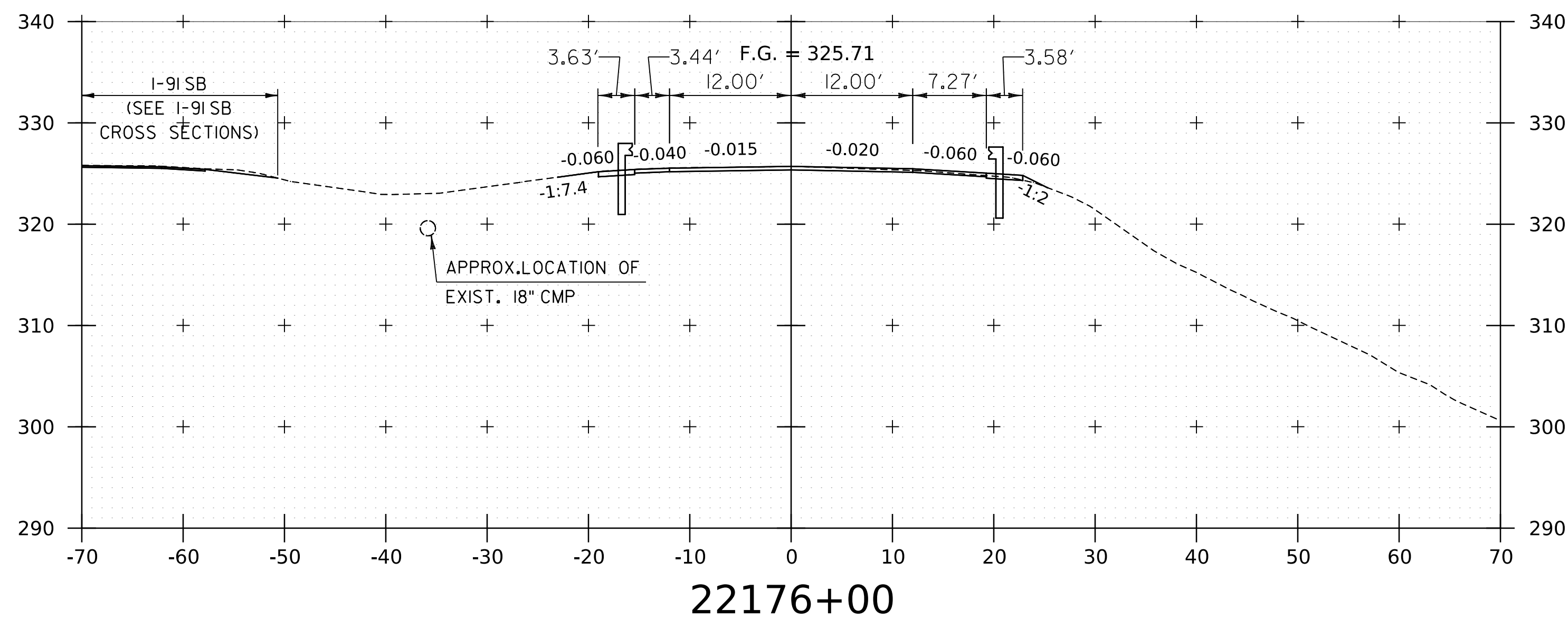
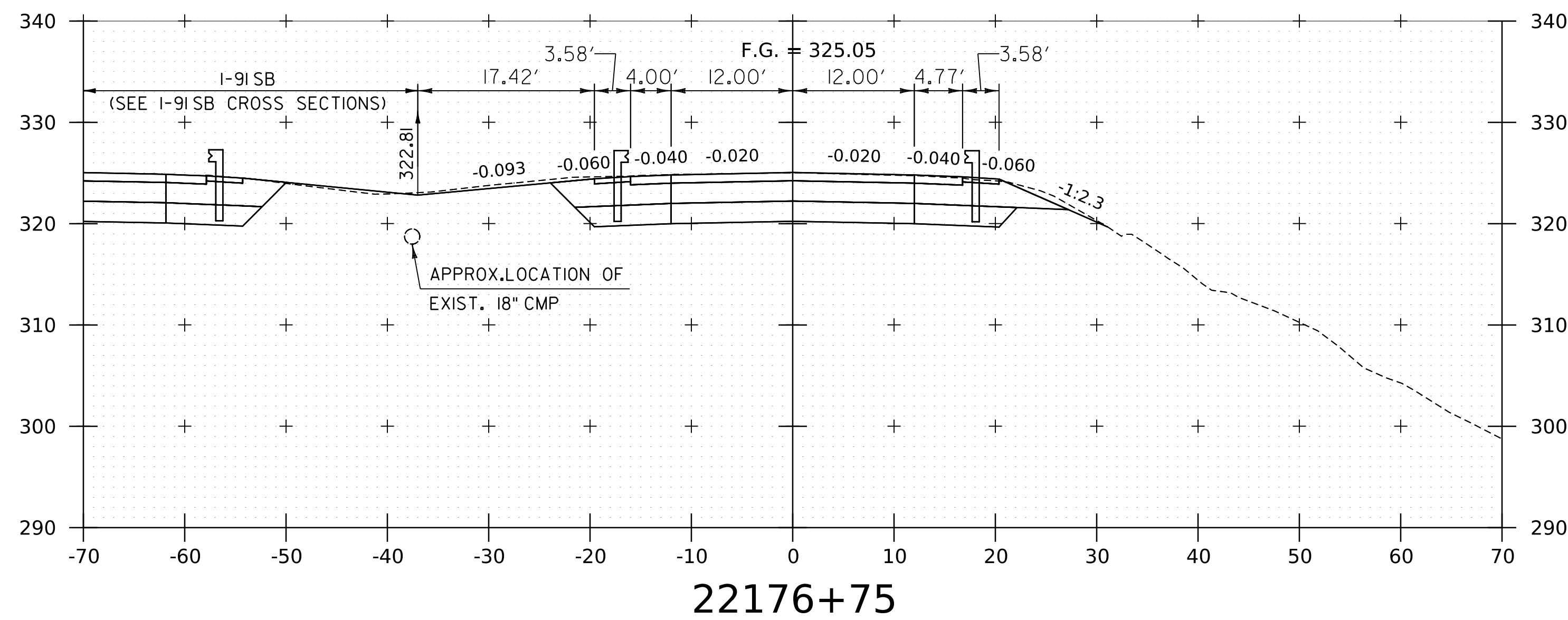
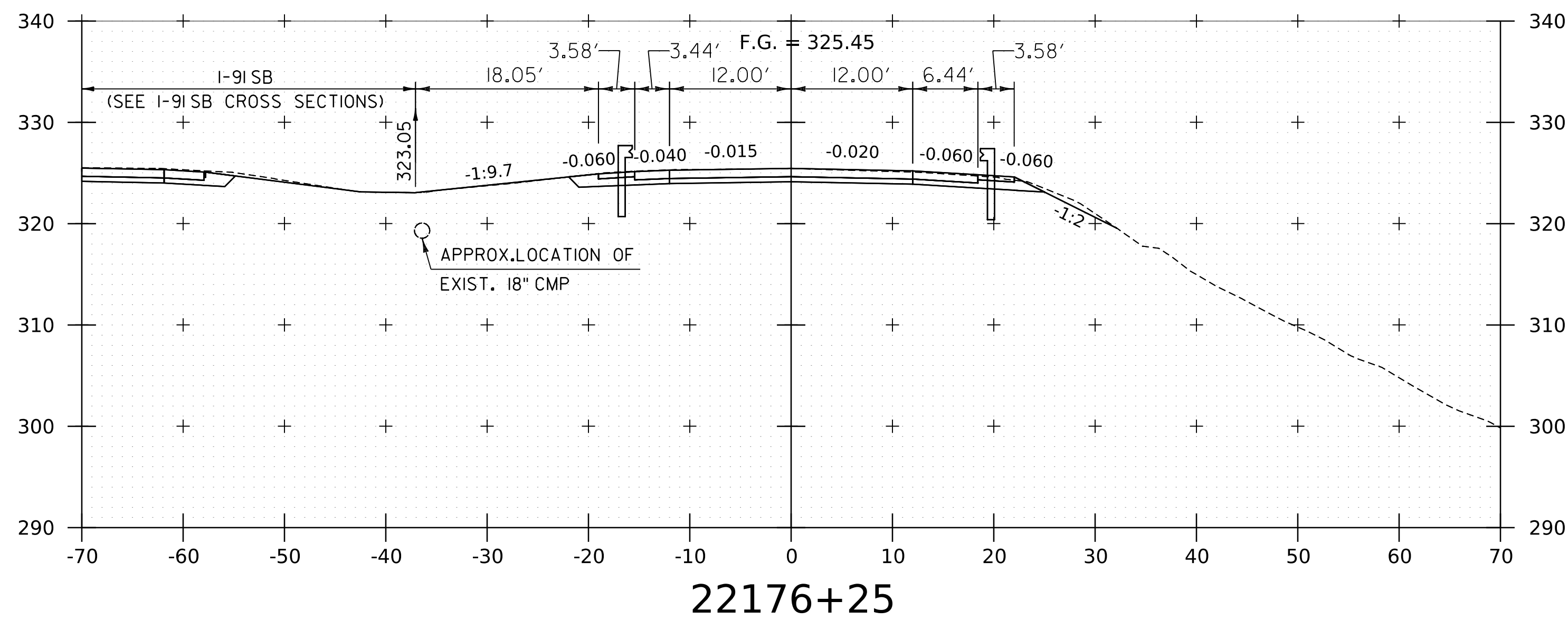


NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 22164+00 AND 22173+50.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91NB.26.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91NB CROSS SECTIONS	9	SHEET	168 OF 439



WORKING PLANS FOR REFERENCE ONLY



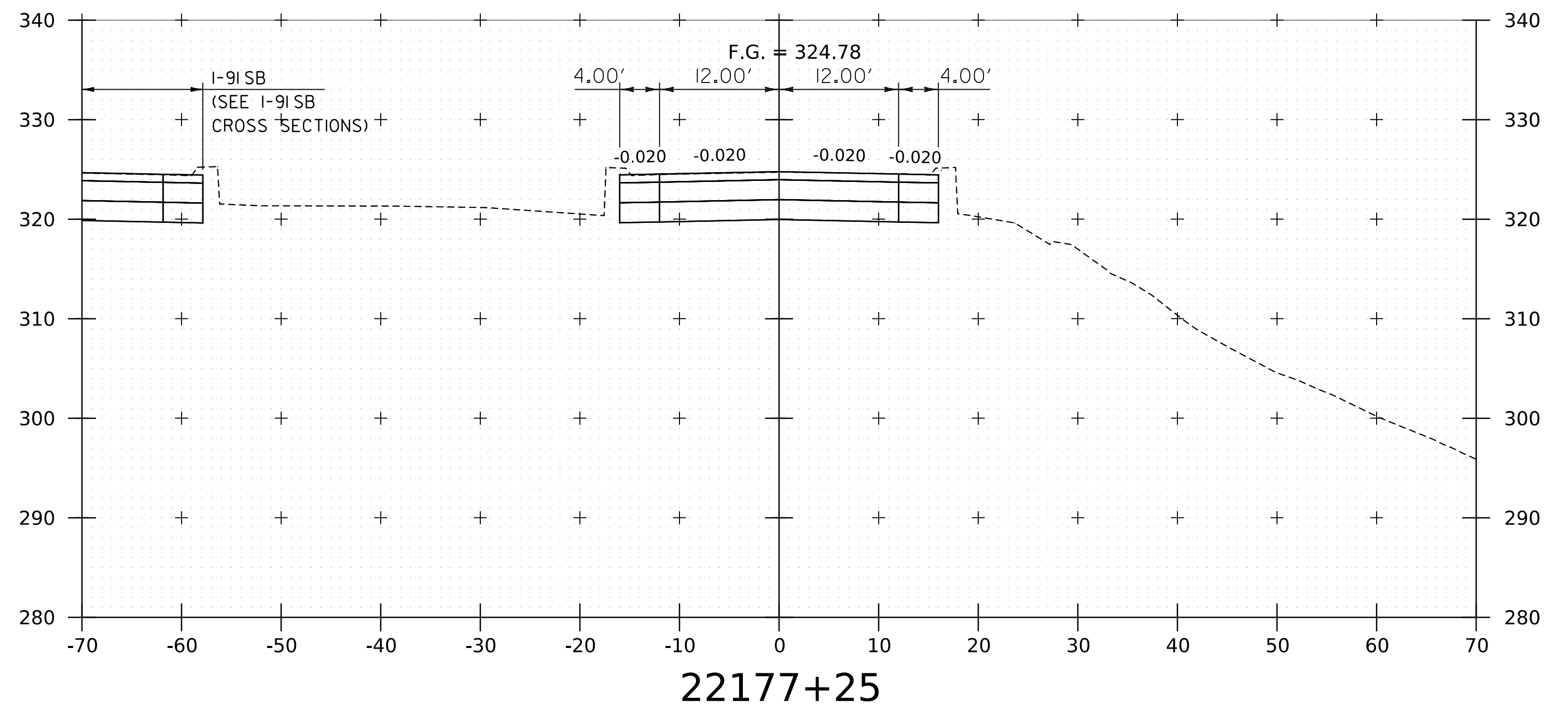
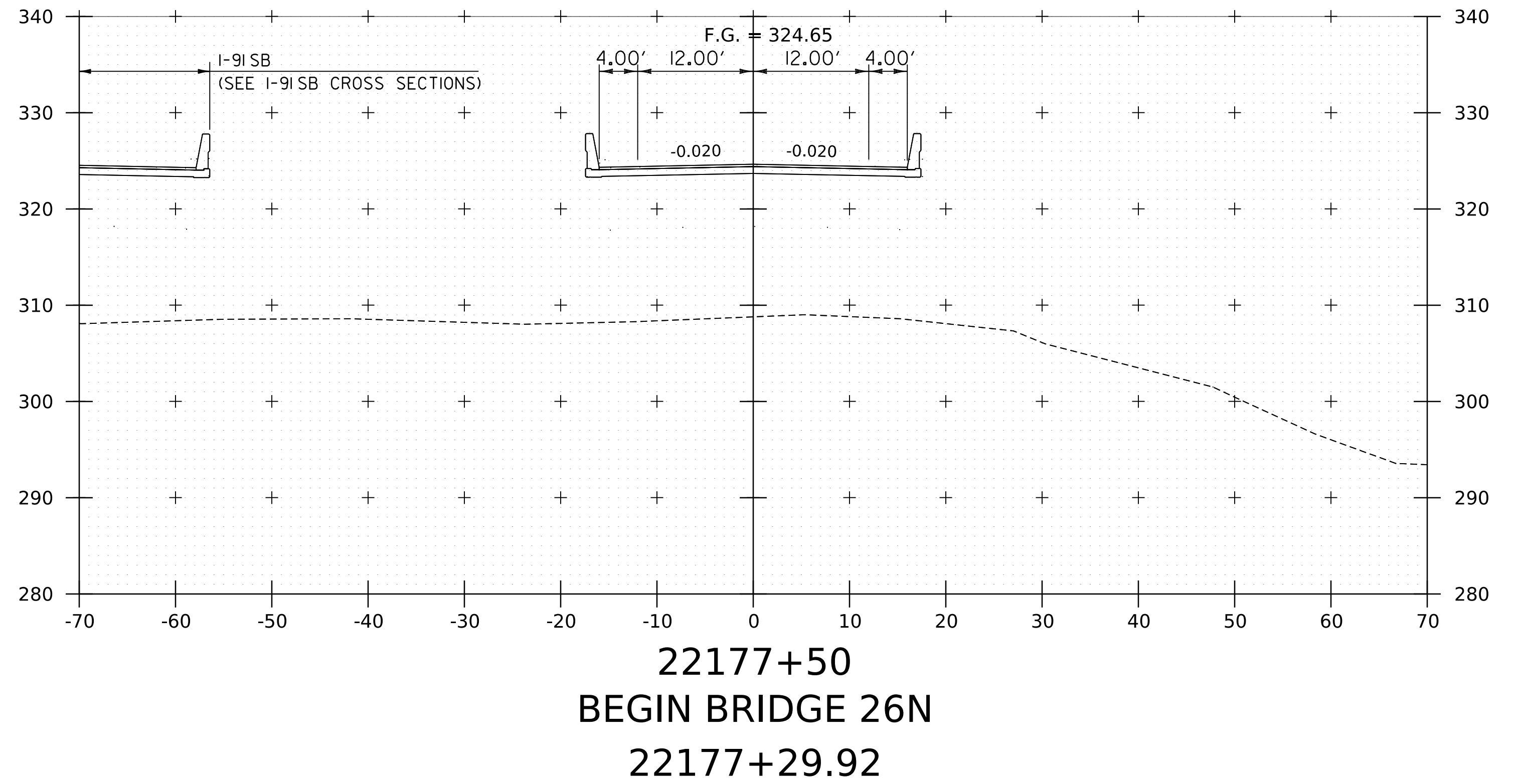
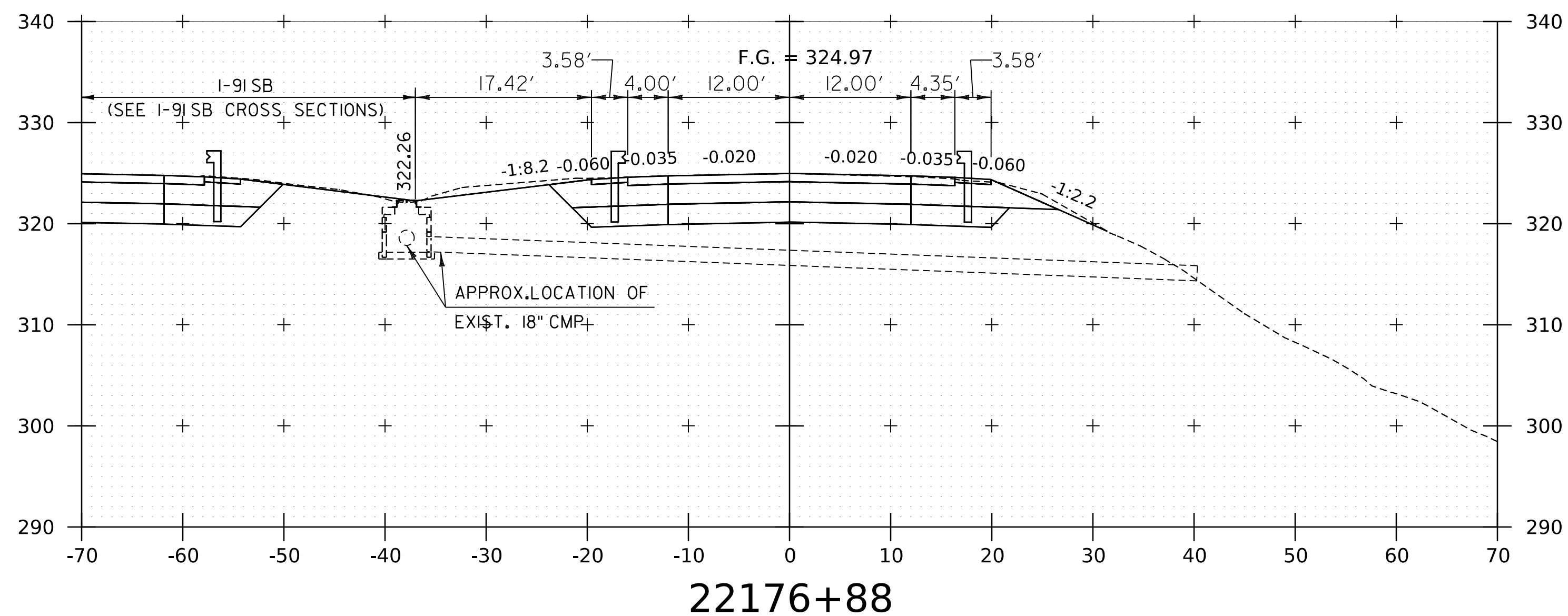
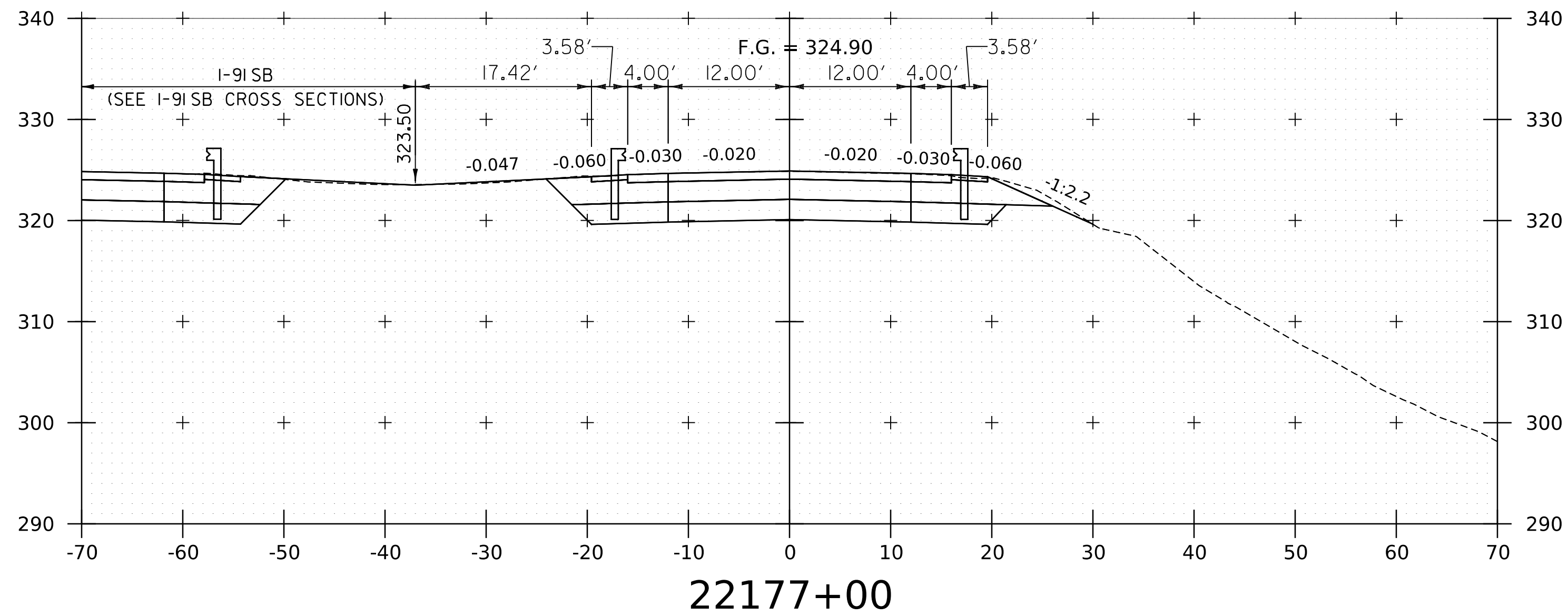
RESUME NORTHBOUND PROJECT

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_26.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	169 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS 10			



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

WORKING PLANS FOR REFERENCE ONLY

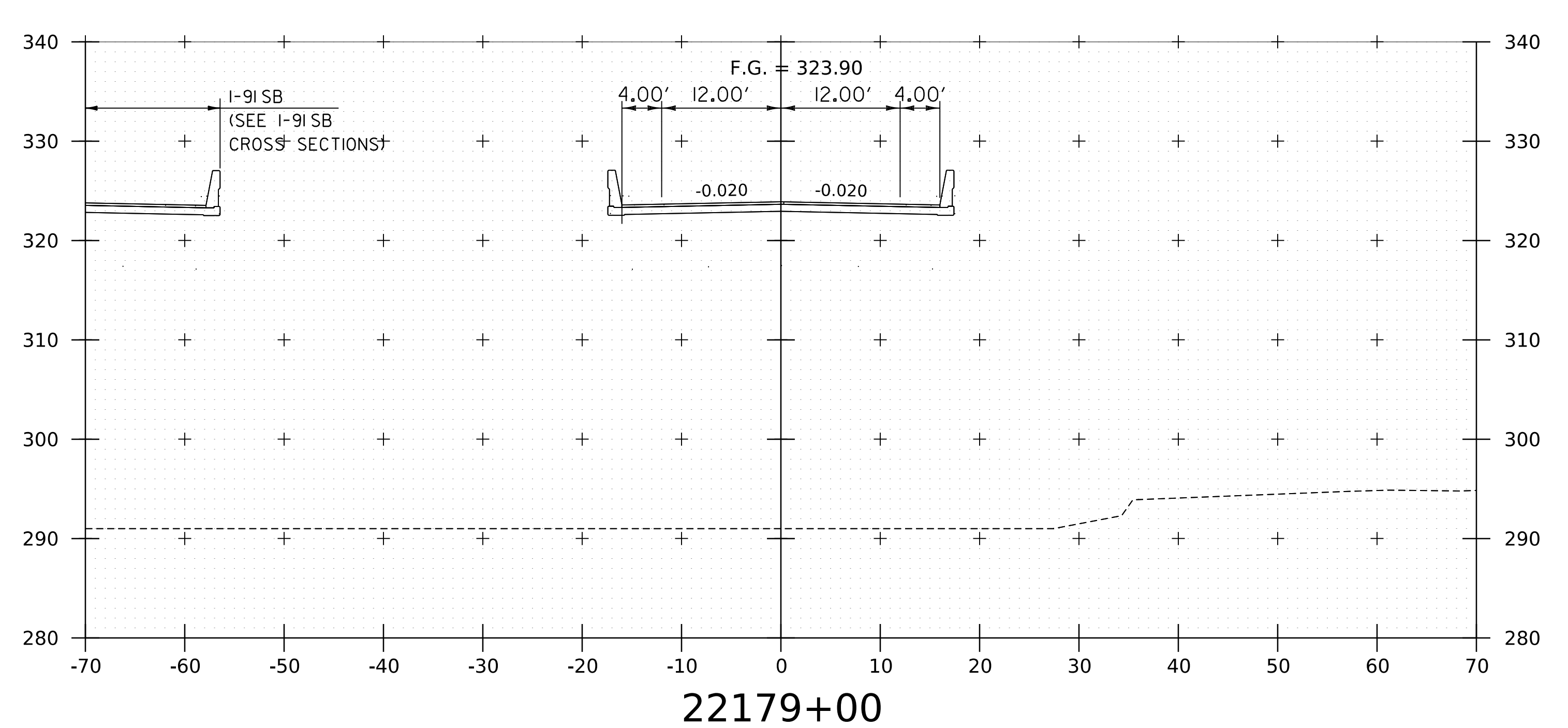
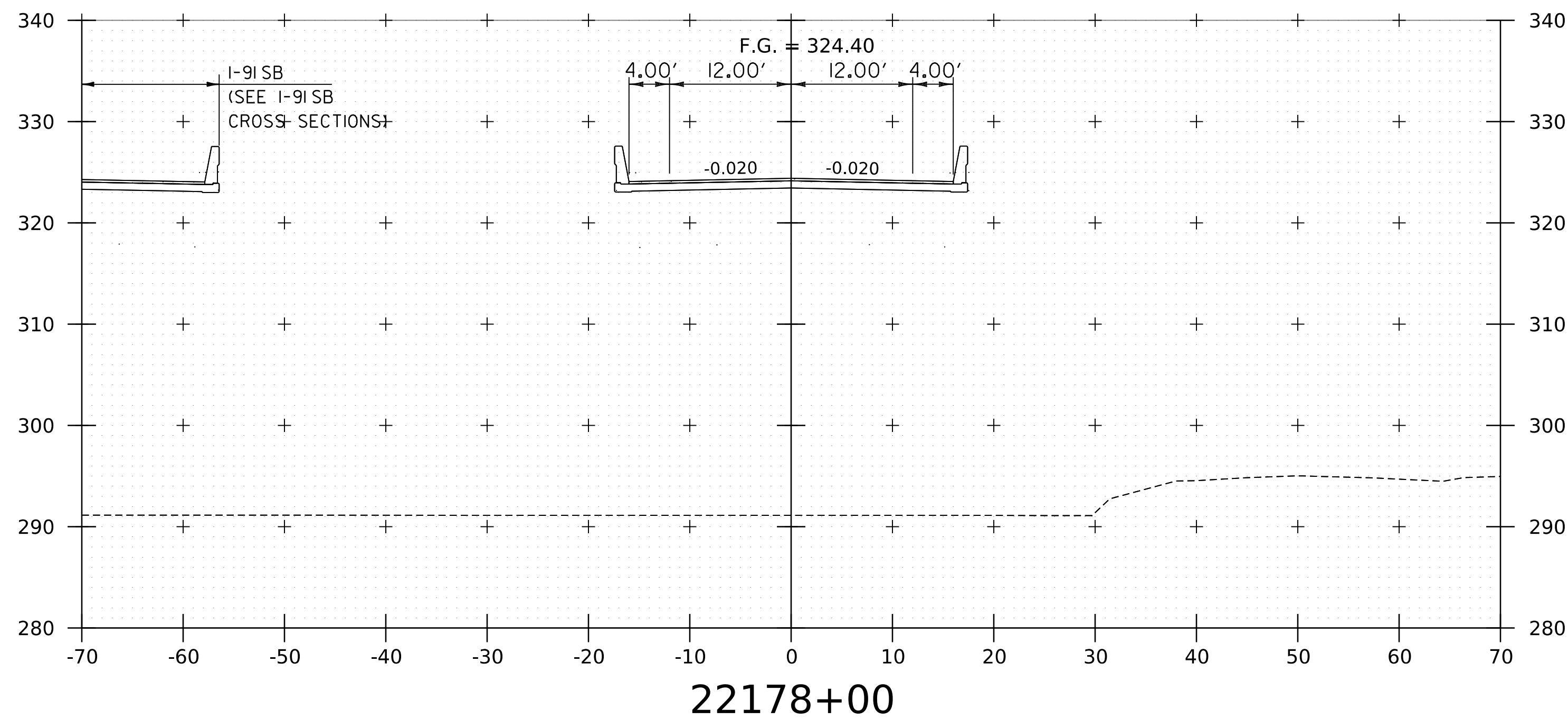
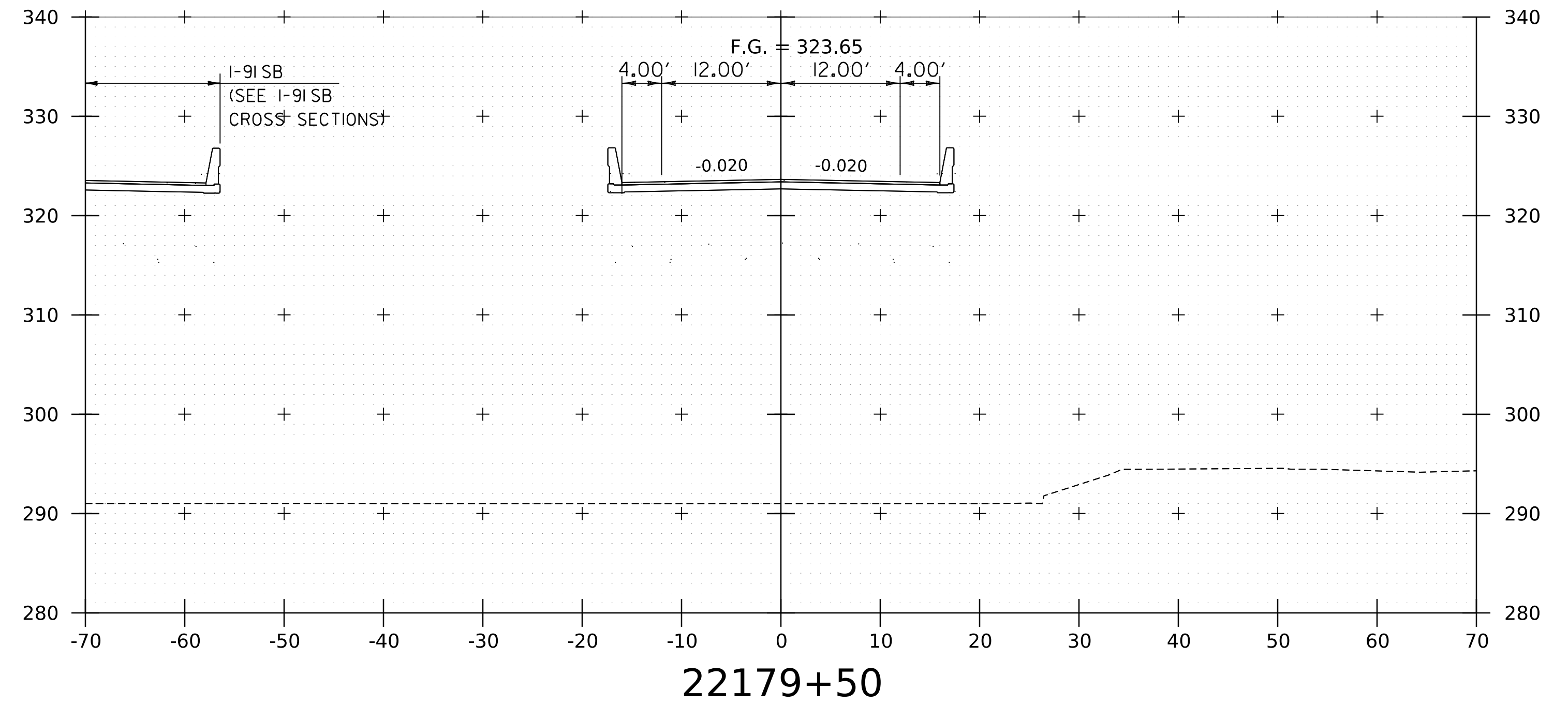
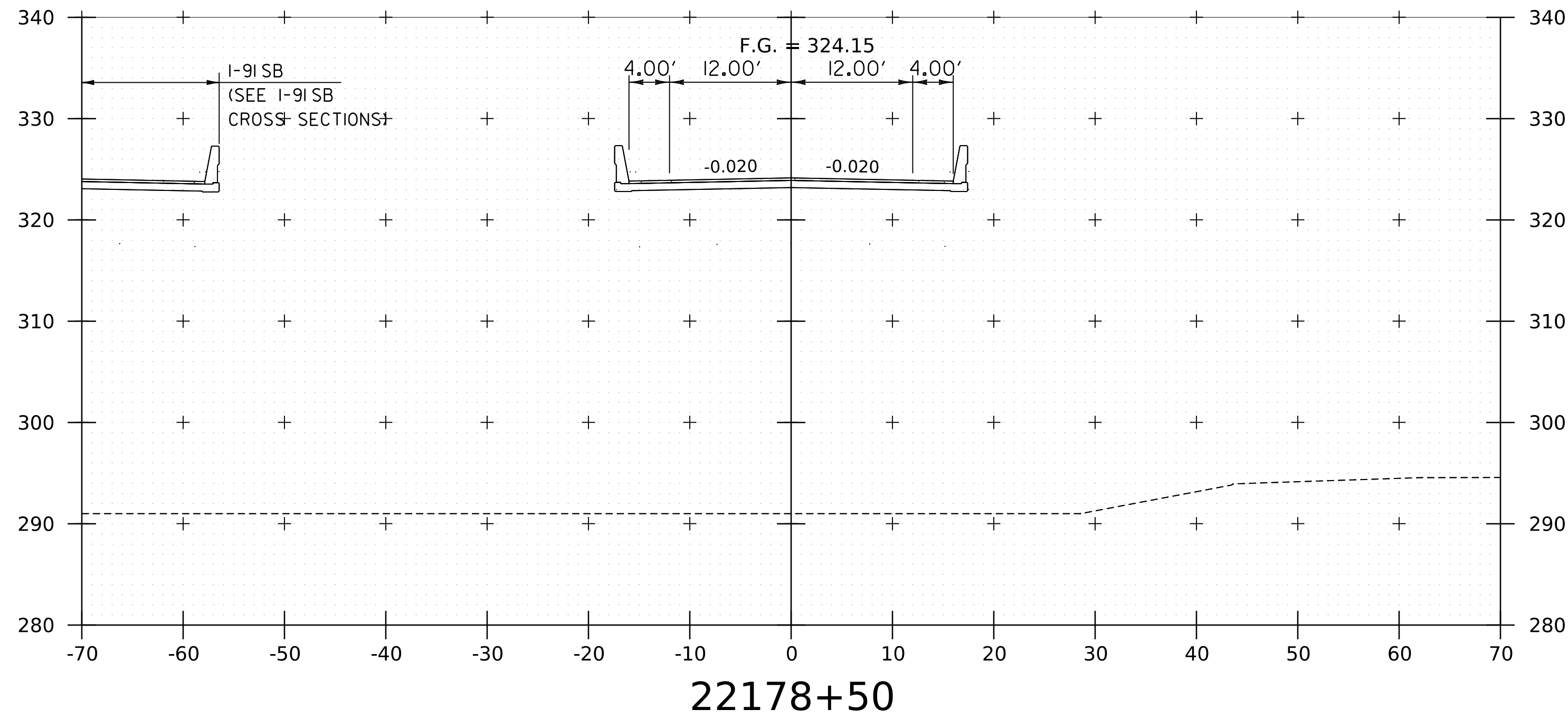


NOTE:
 I. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91NB.26.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91NB CROSS SECTIONS II		SHEET	170 OF 439



WORKING PLANS FOR REFERENCE ONLY

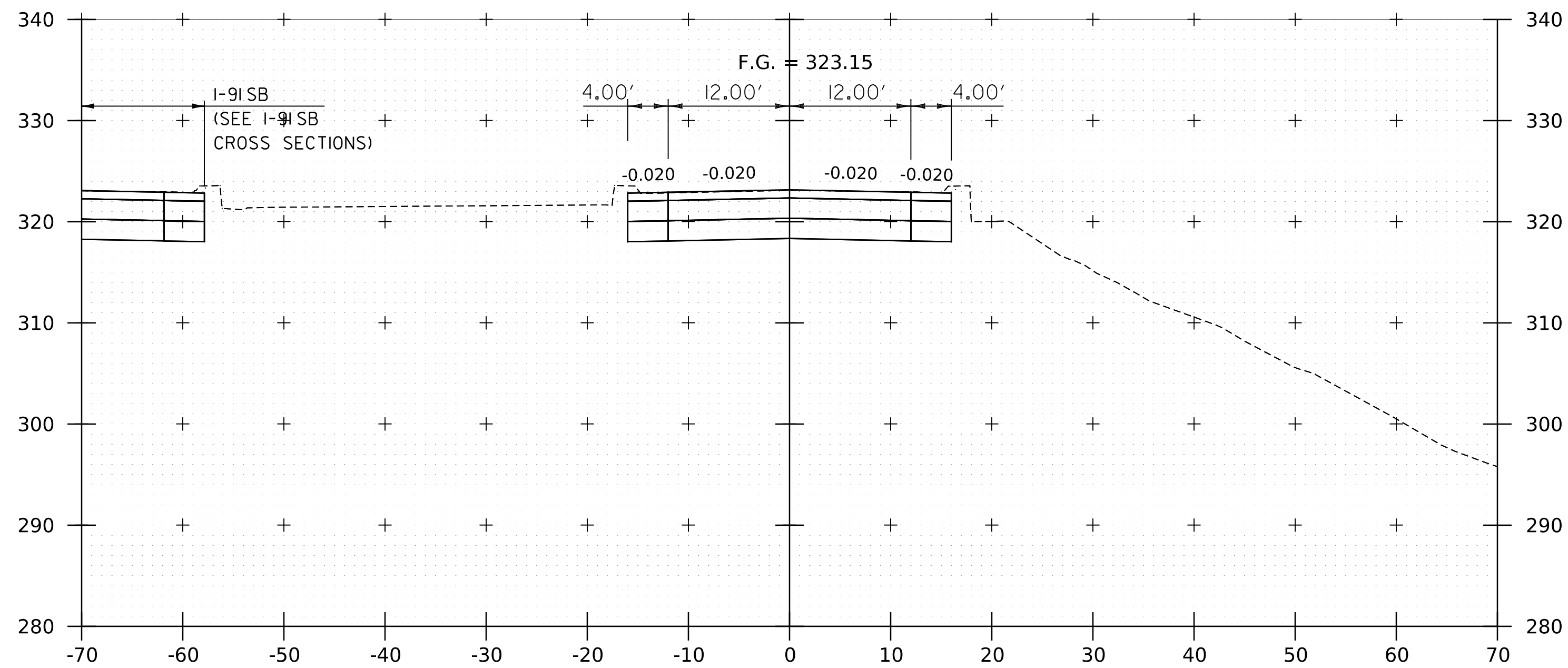


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

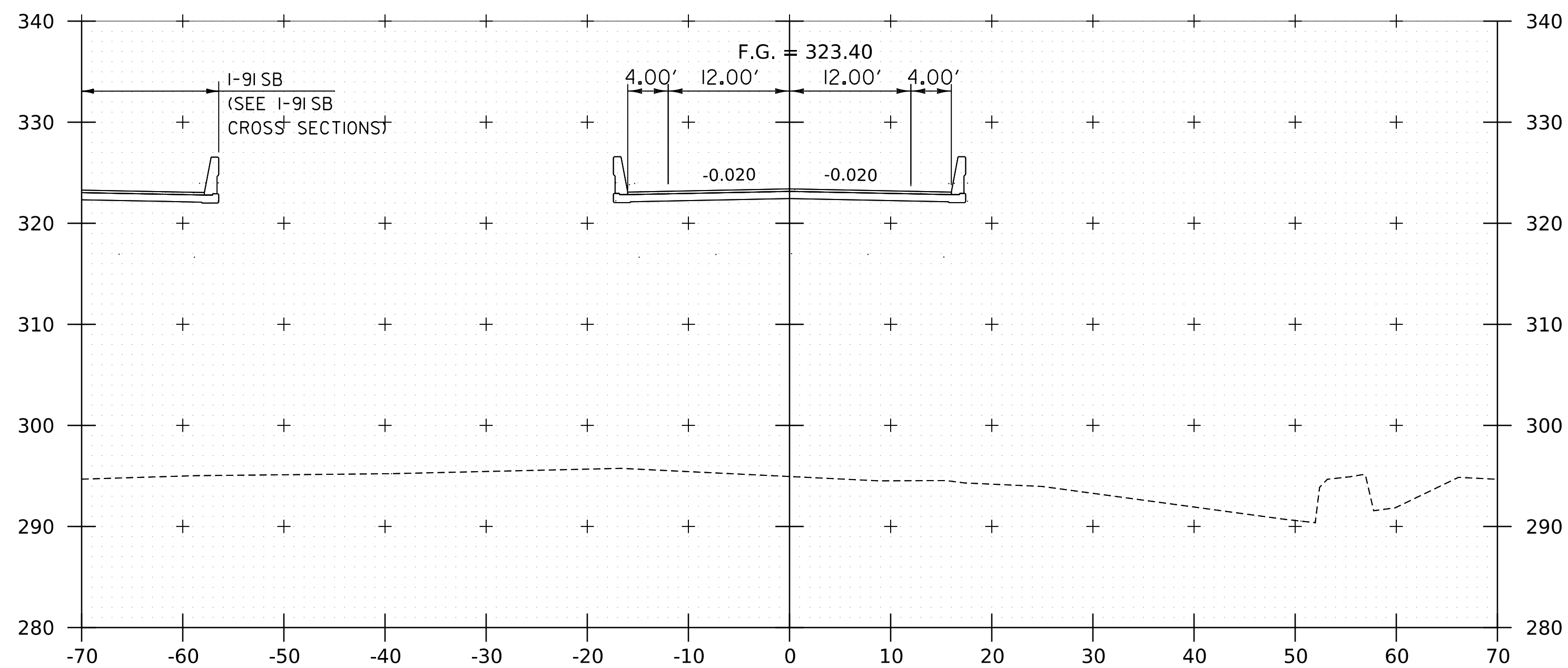


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.26.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 171 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 12	

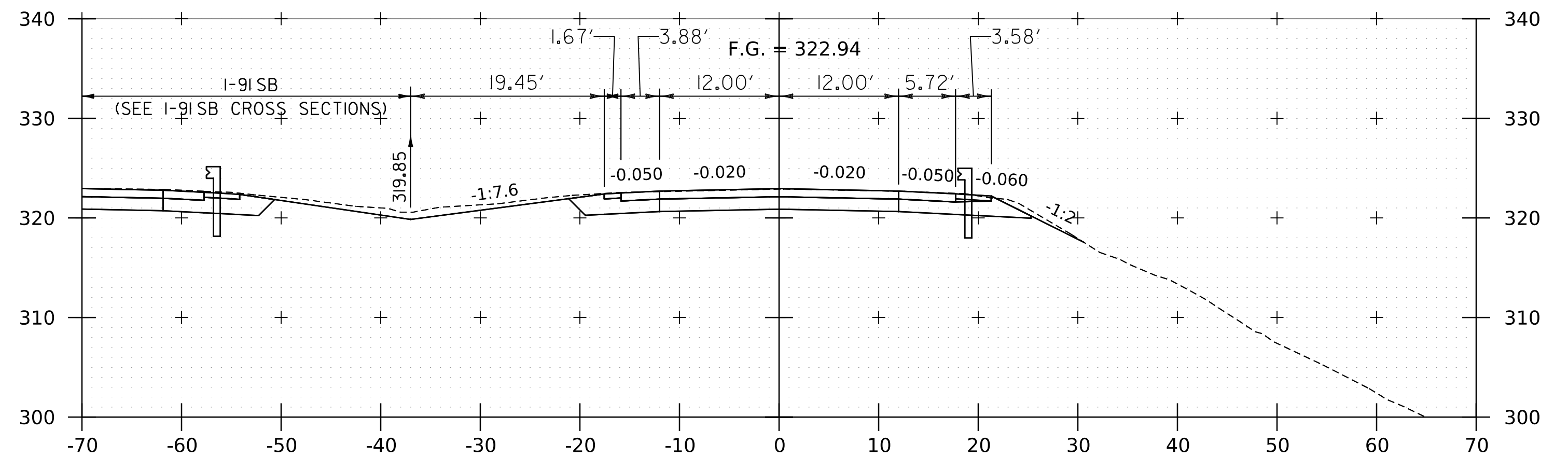
WORKING PLANS FOR REFERENCE ONLY



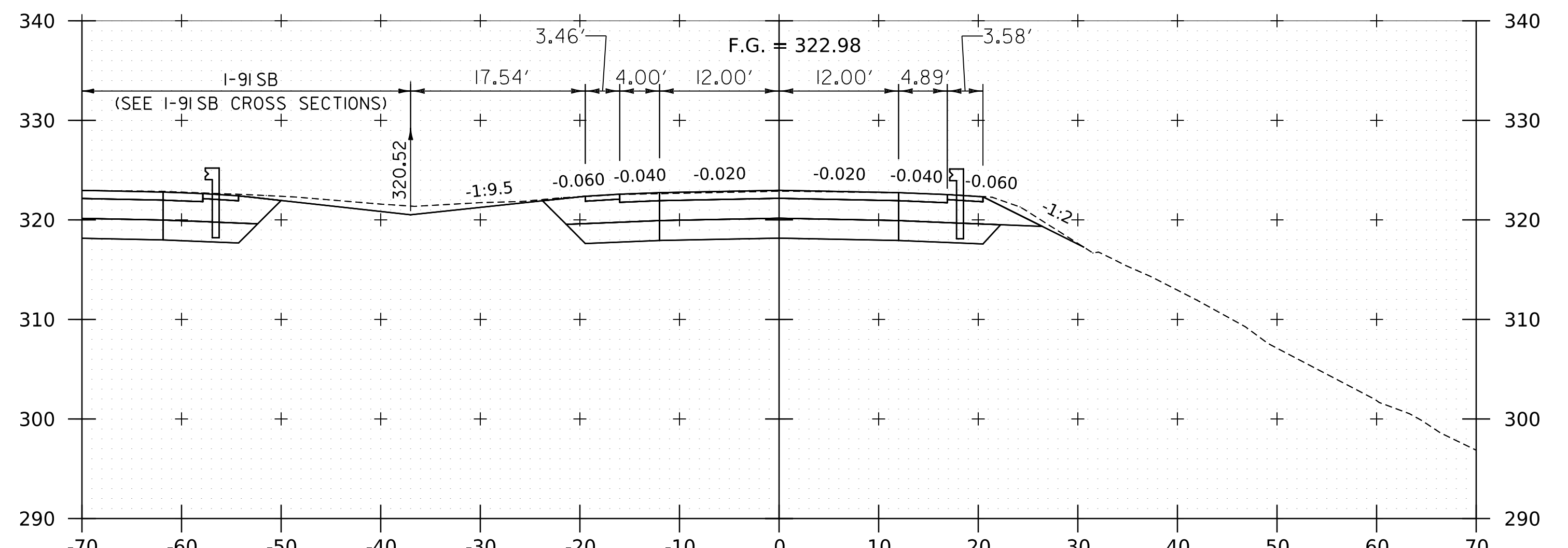
22180+50
END BRIDGE 26N
22180+41.58



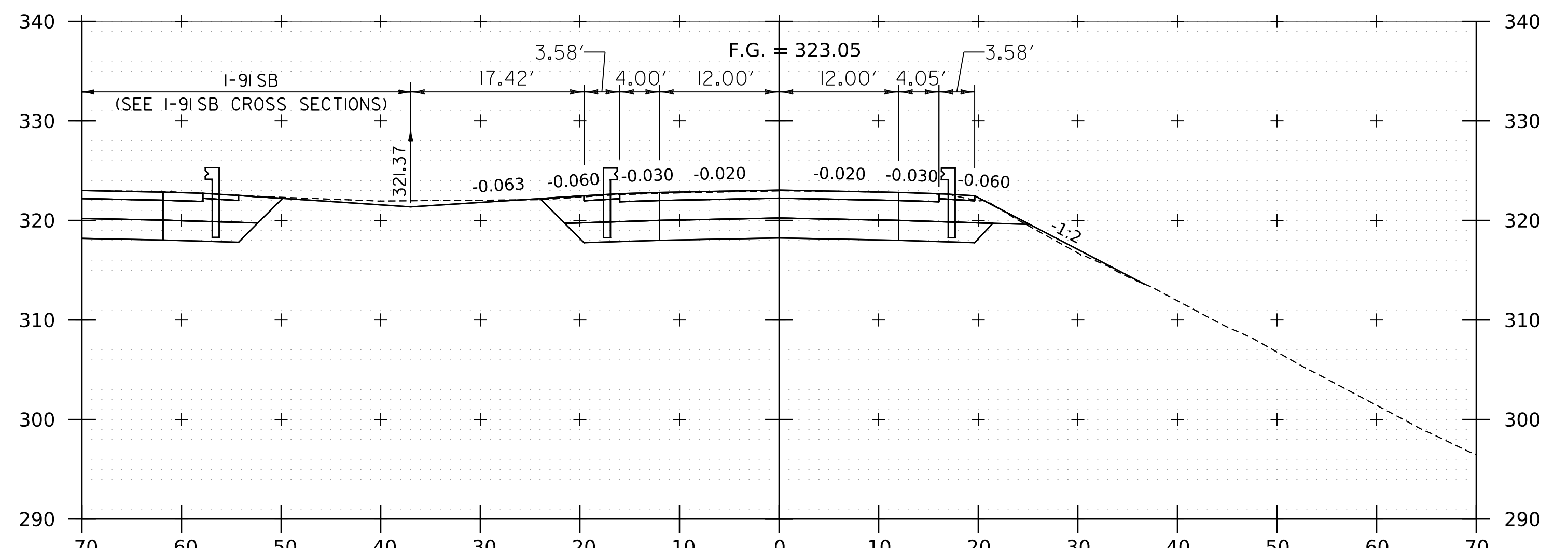
22180+00



22181+25



22181+00
STOP NORTHBOUND PROJECT



22180+75

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

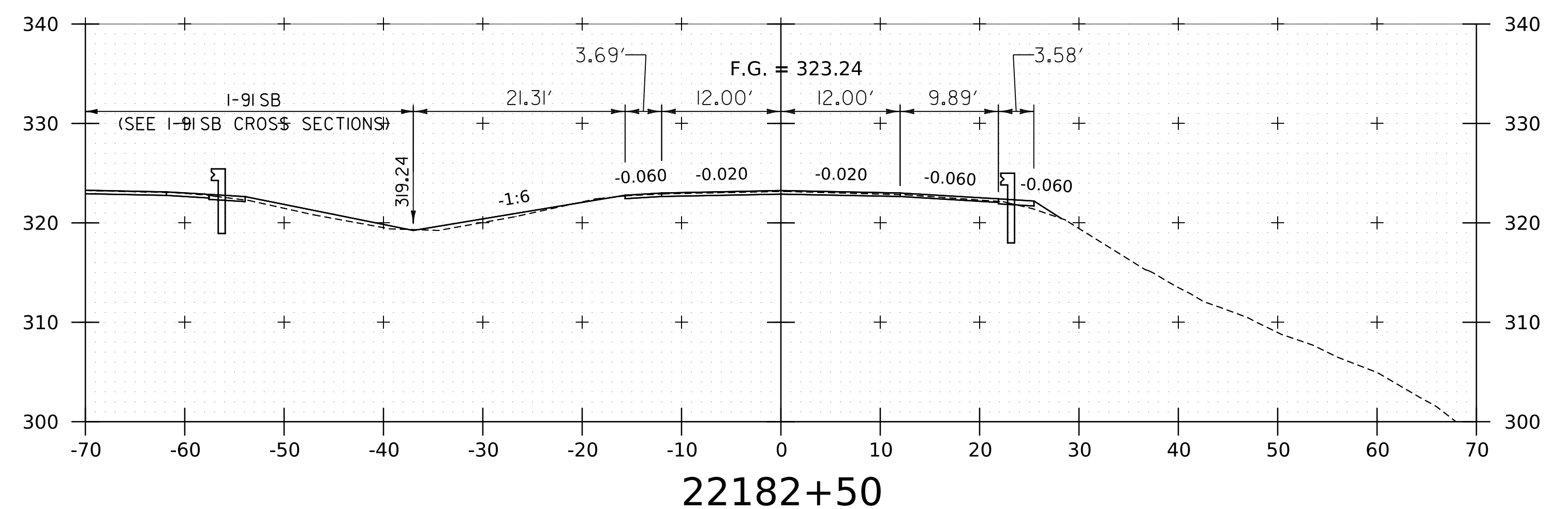
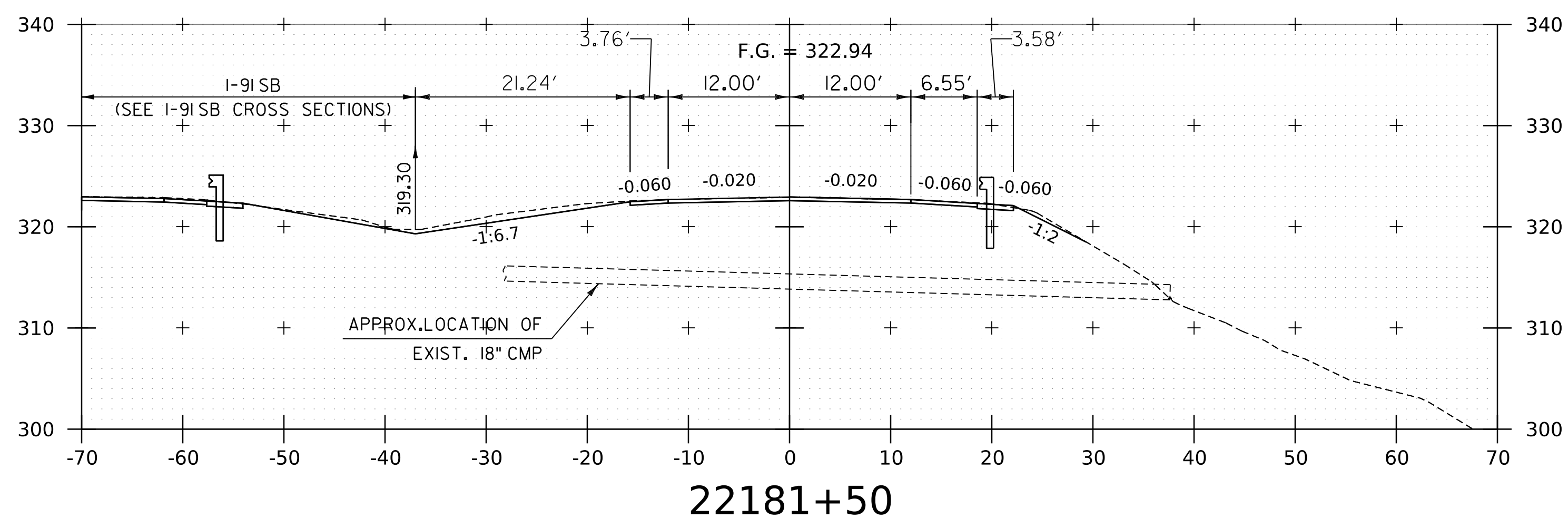
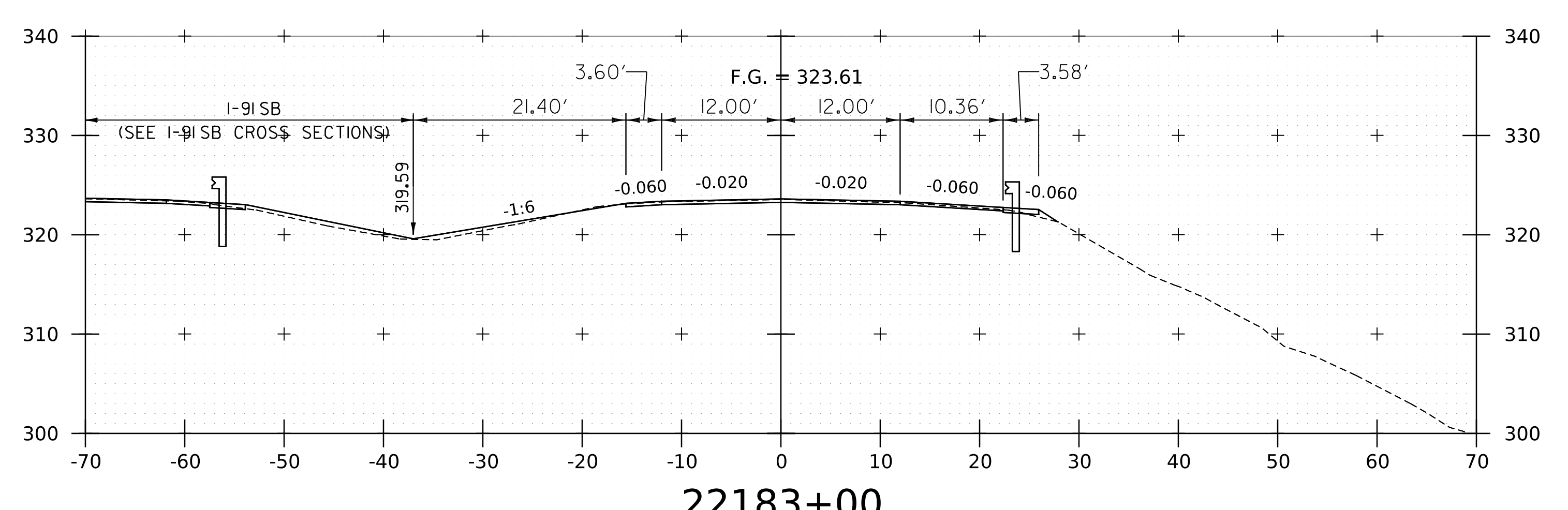
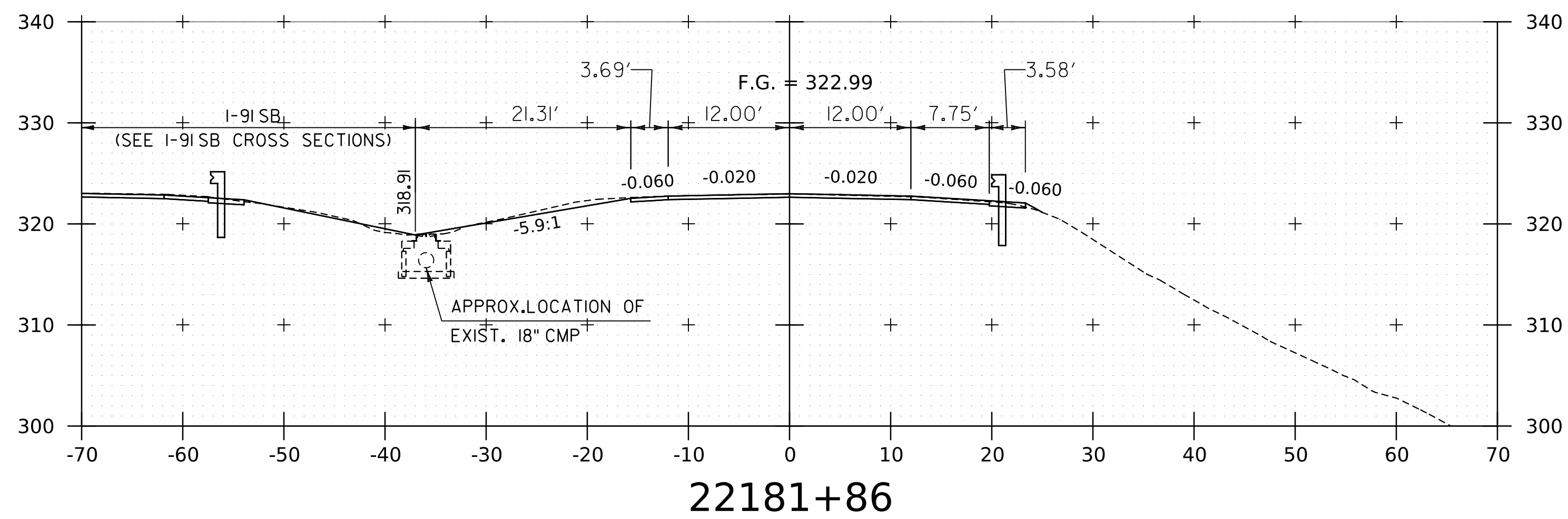
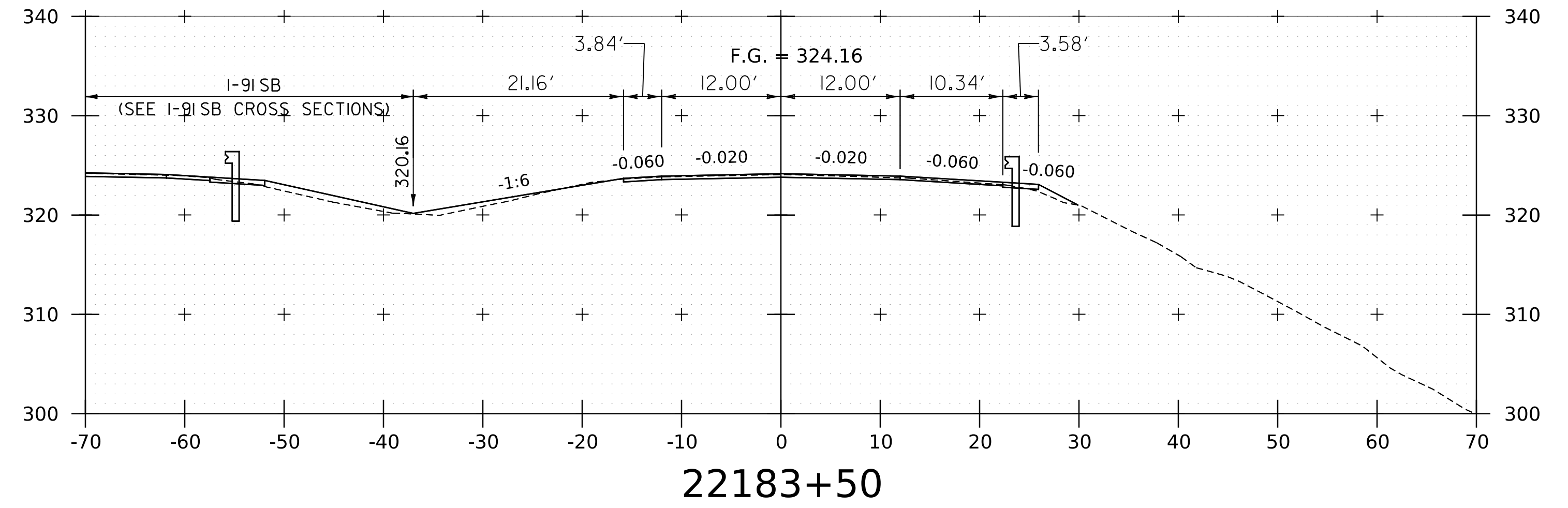
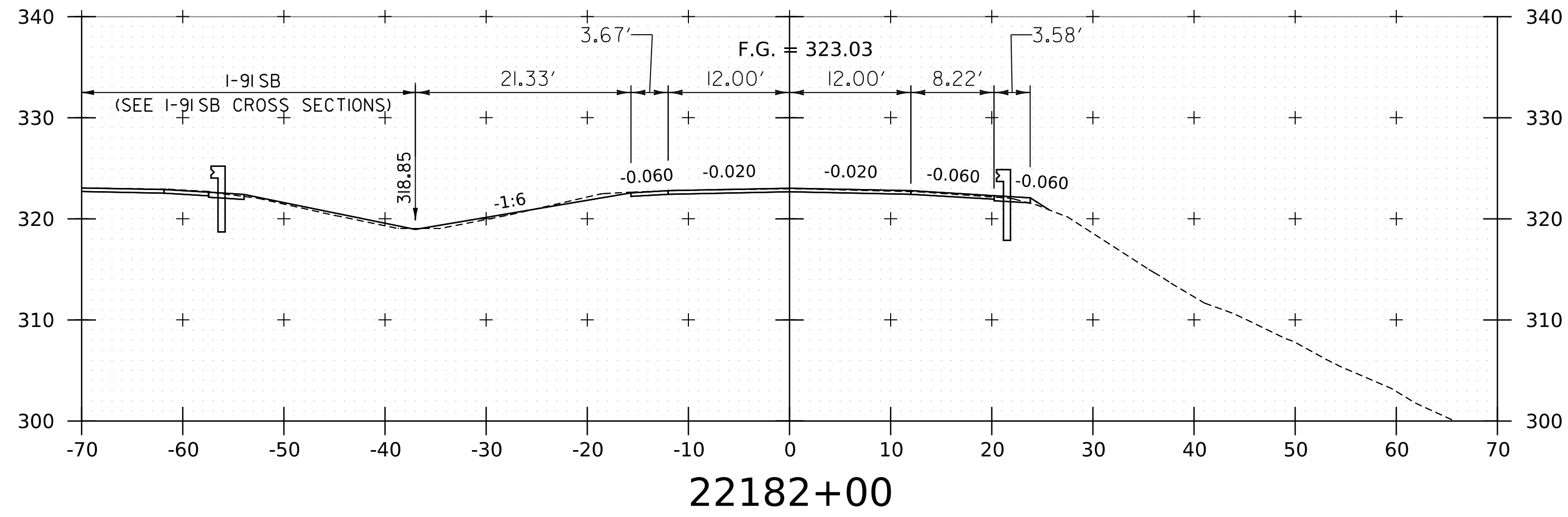


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_I-91_NB_26.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS 13

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 172 OF 439

WORKING PLANS FOR REFERENCE ONLY

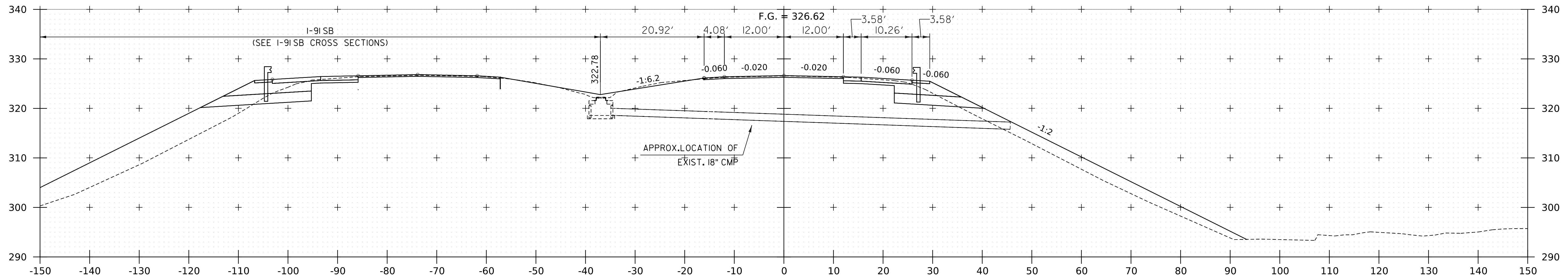


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

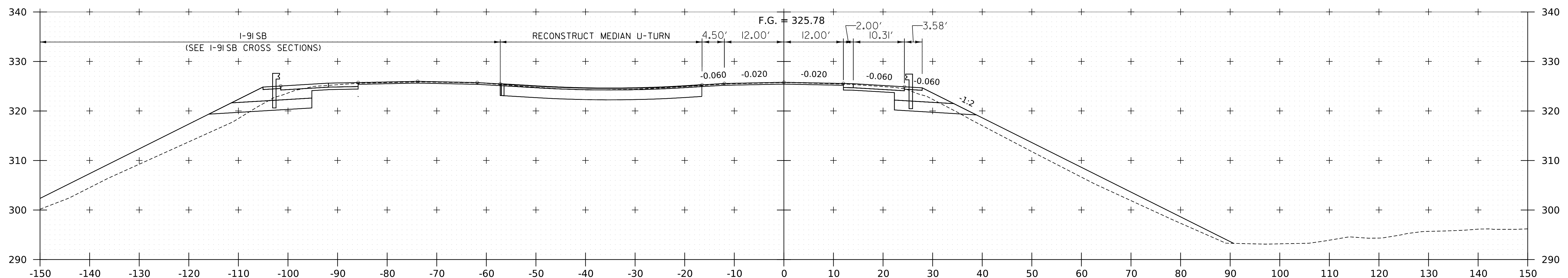


PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.26.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 14		SHEET 173 OF 439

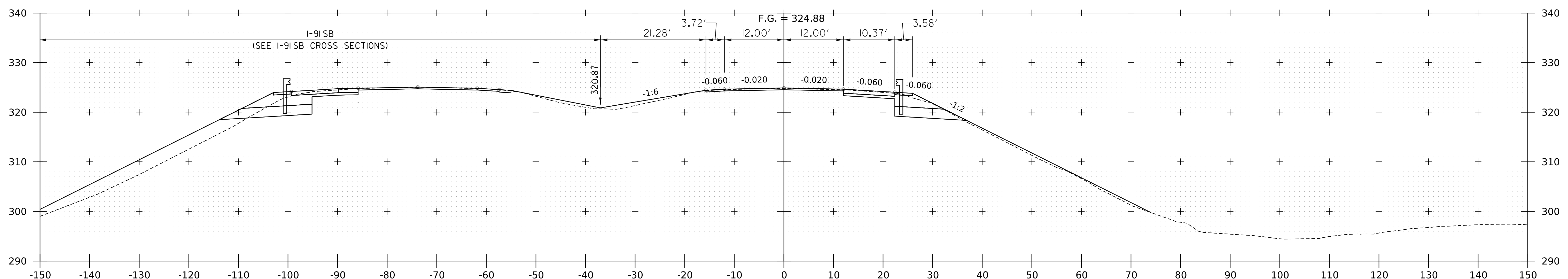
WORKING PLANS FOR REFERENCE ONLY



22184+89



22184+50

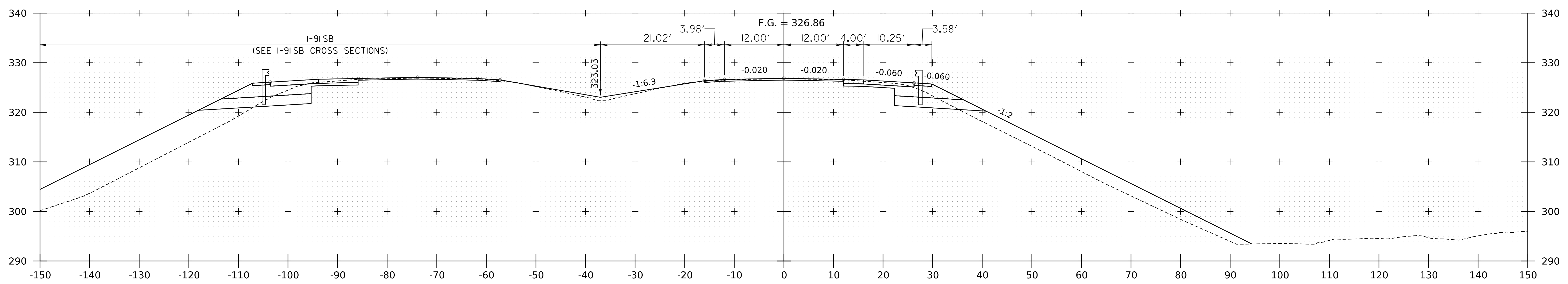
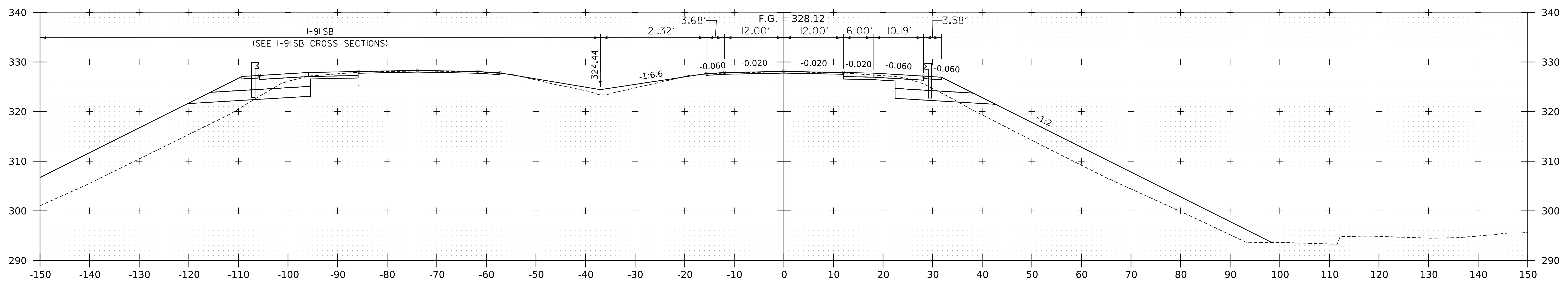
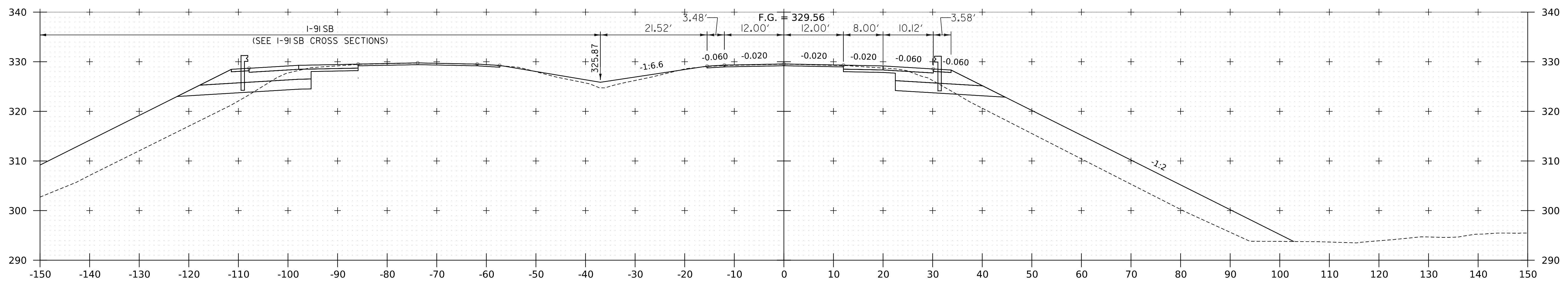


22184+00

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91NB.27.dgn	DESIGNED BY:	C. HELMICK
		CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS IS	SHEET 174 OF 439



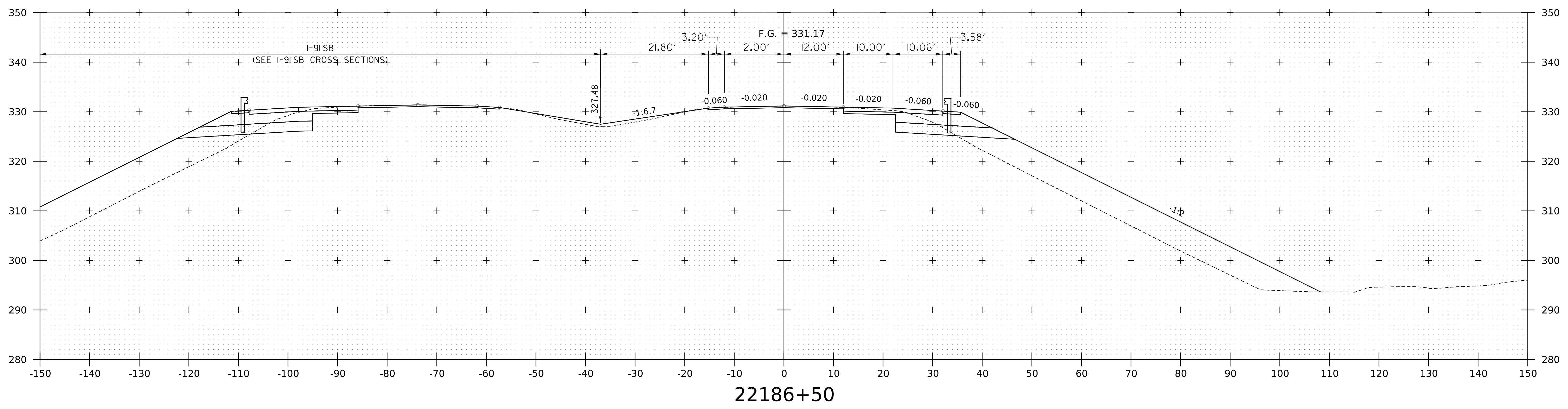
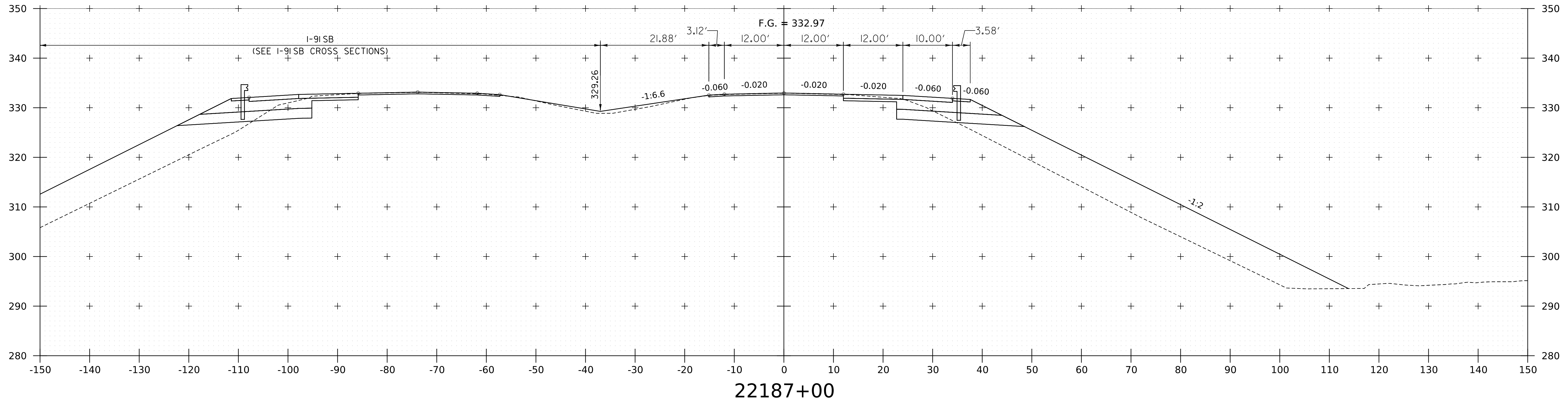


WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91NB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	175 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS I6			



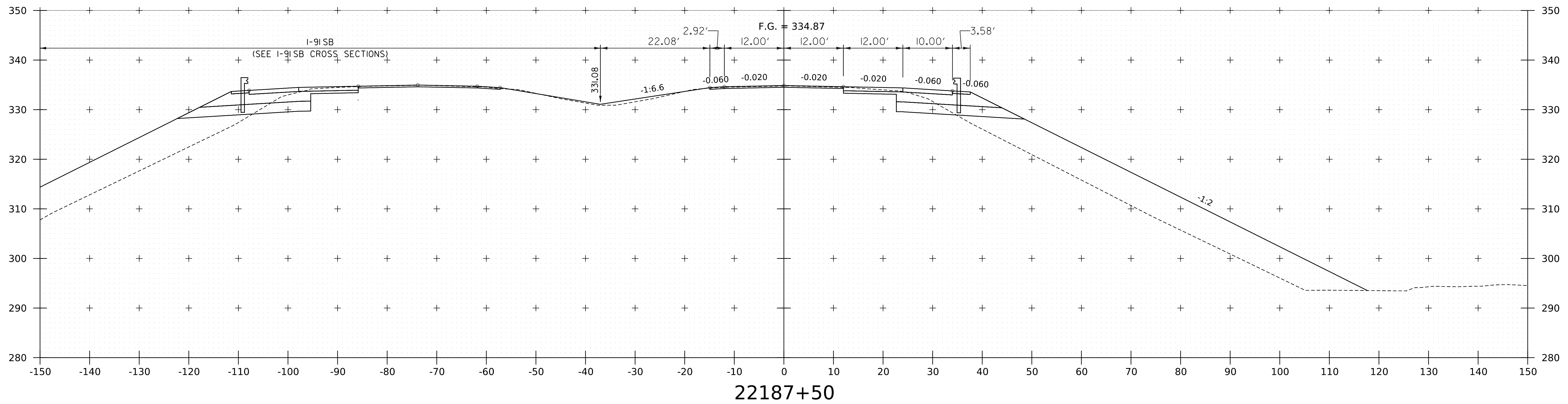
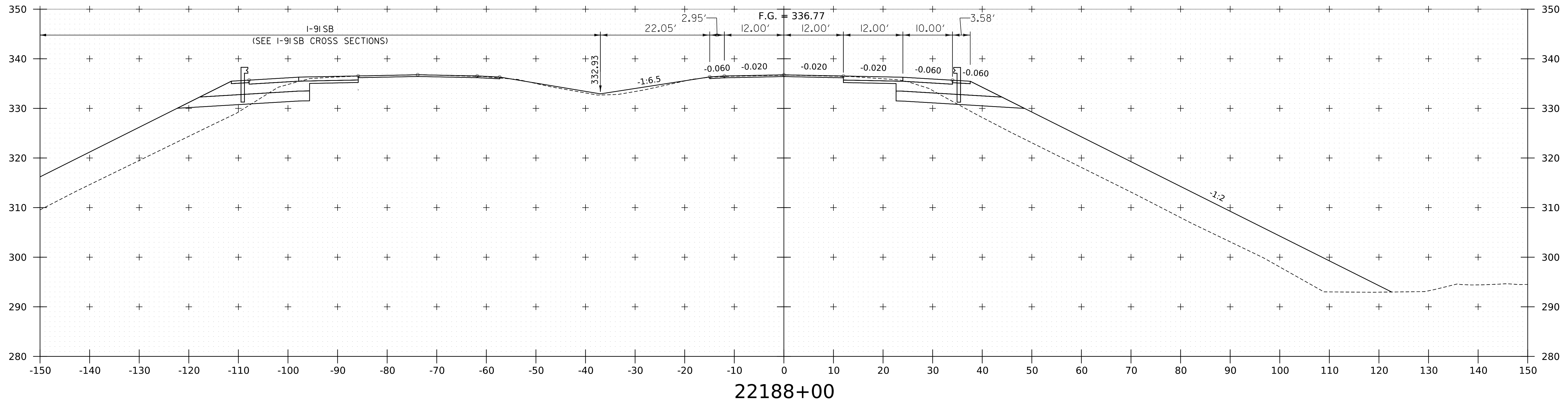


WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 17	SHEET	176 OF 439

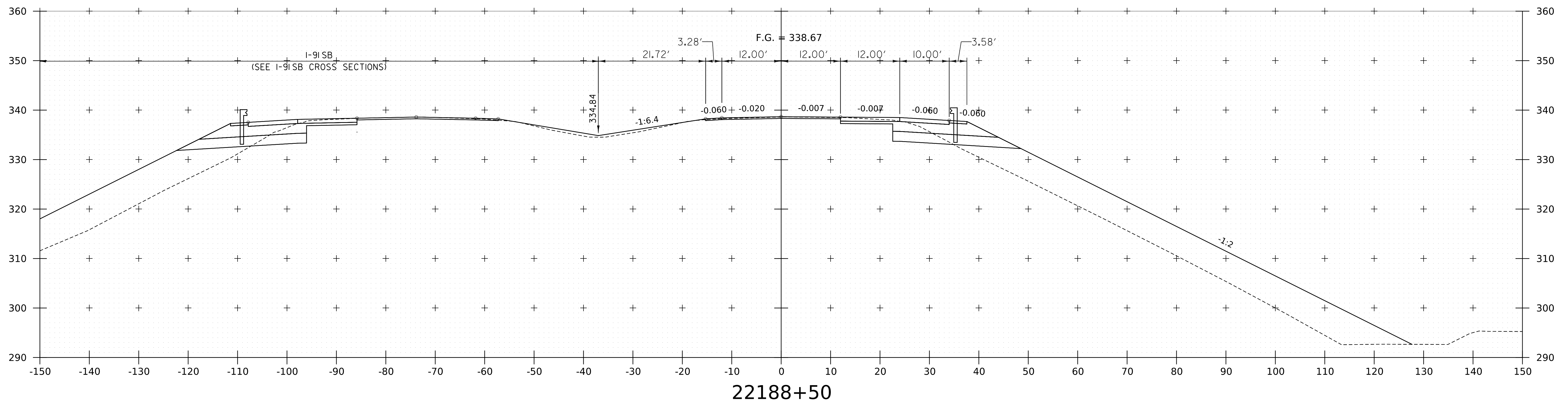
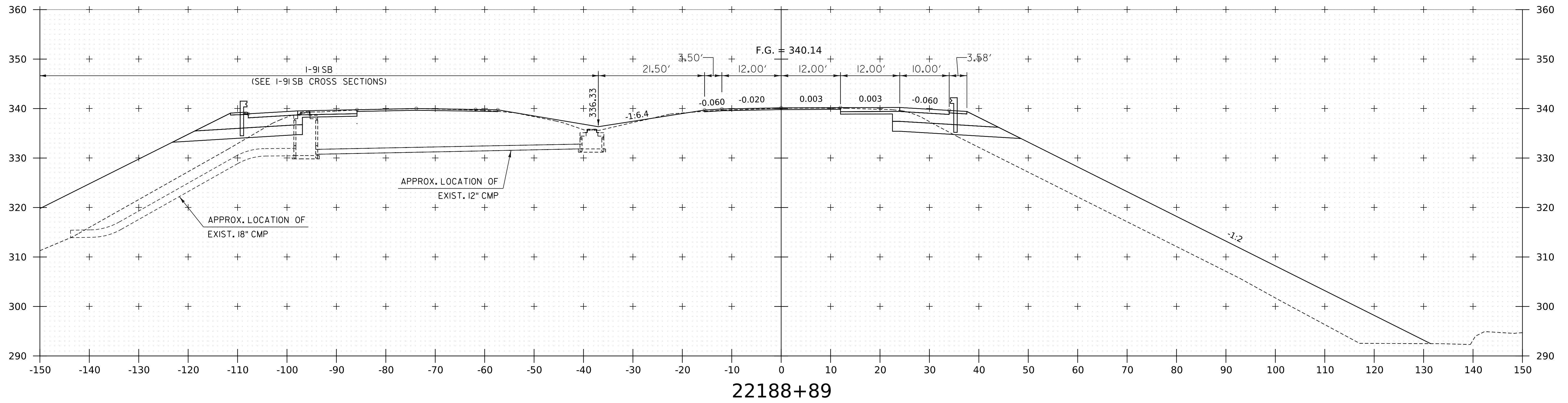


WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS 18		SHEET	177 OF 439

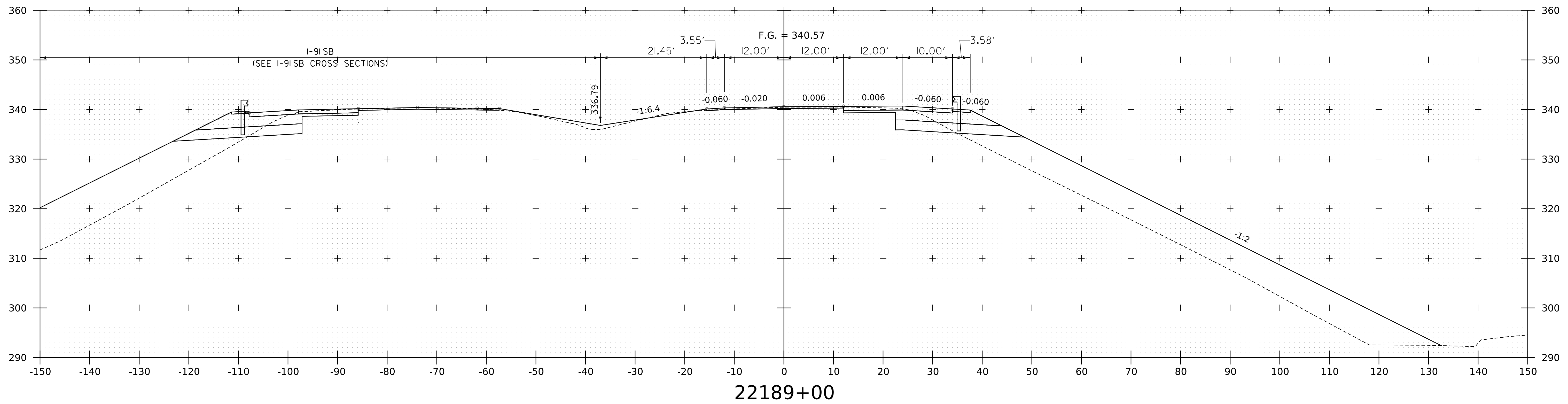
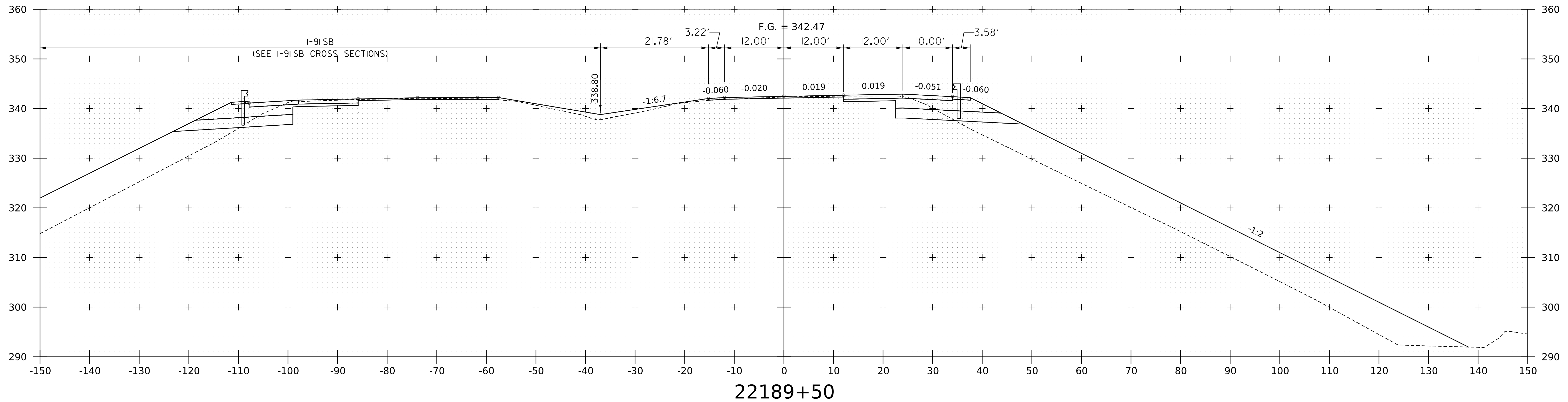


WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS I9		SHEET	178 OF 439





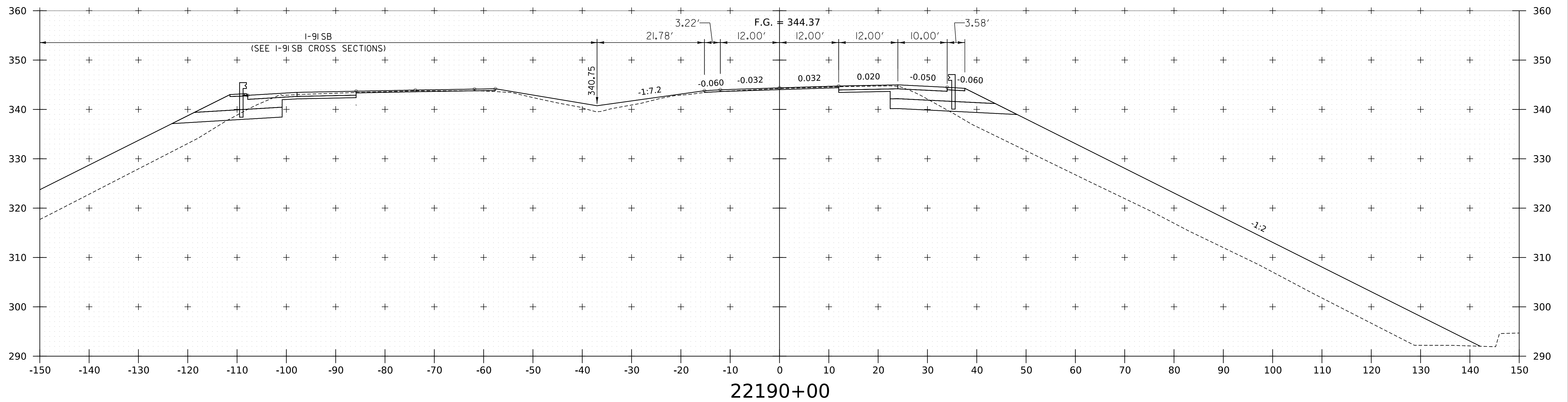
WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 20	SHEET	179 OF 439



WORKING PLANS FOR REFERENCE ONLY

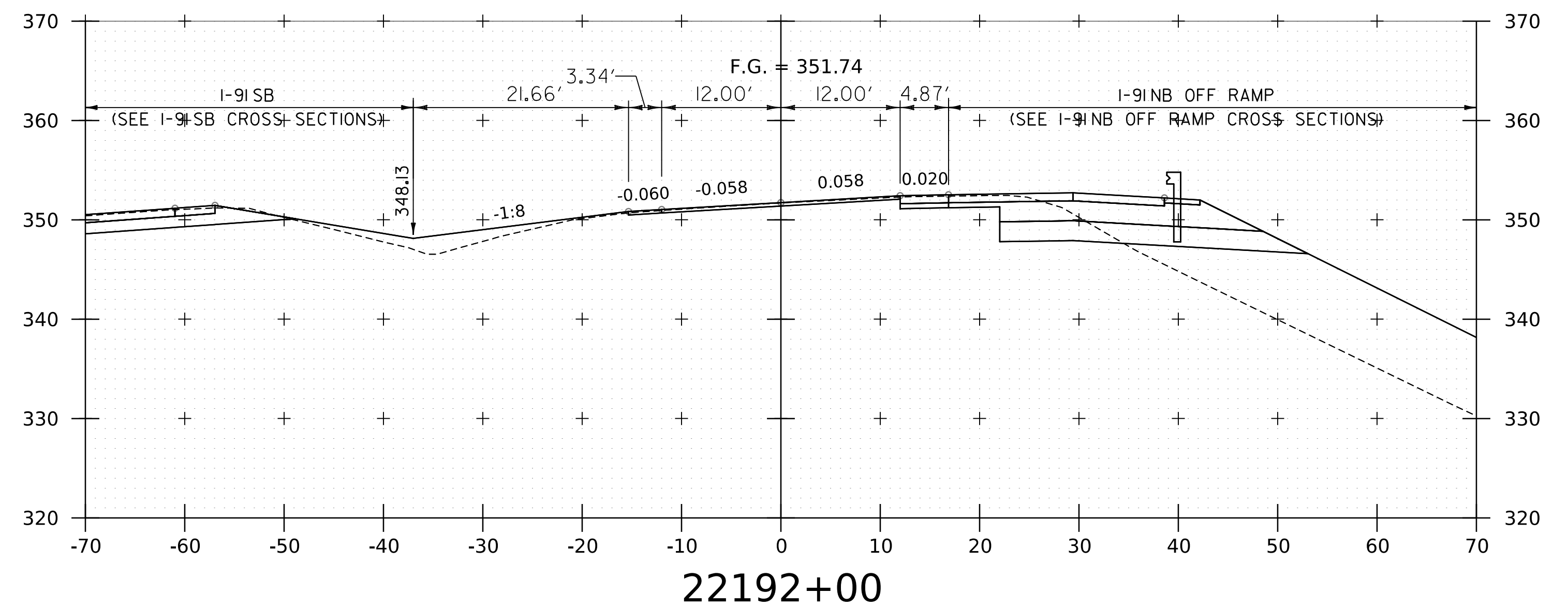
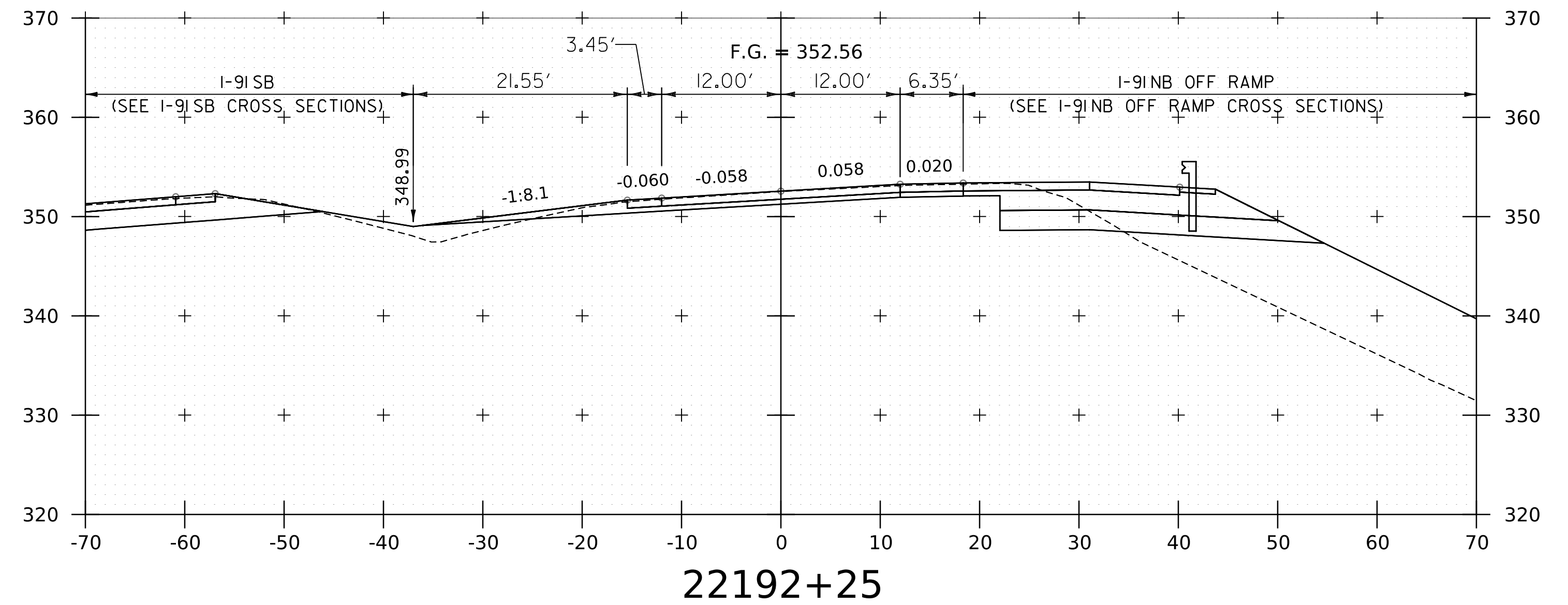
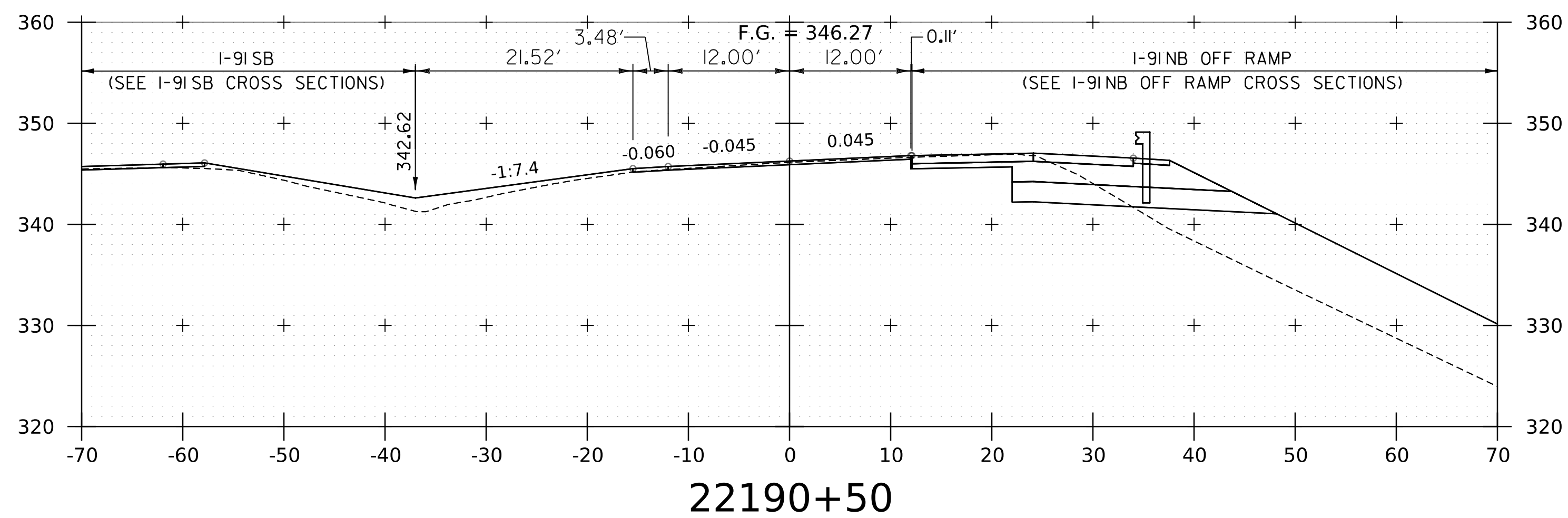
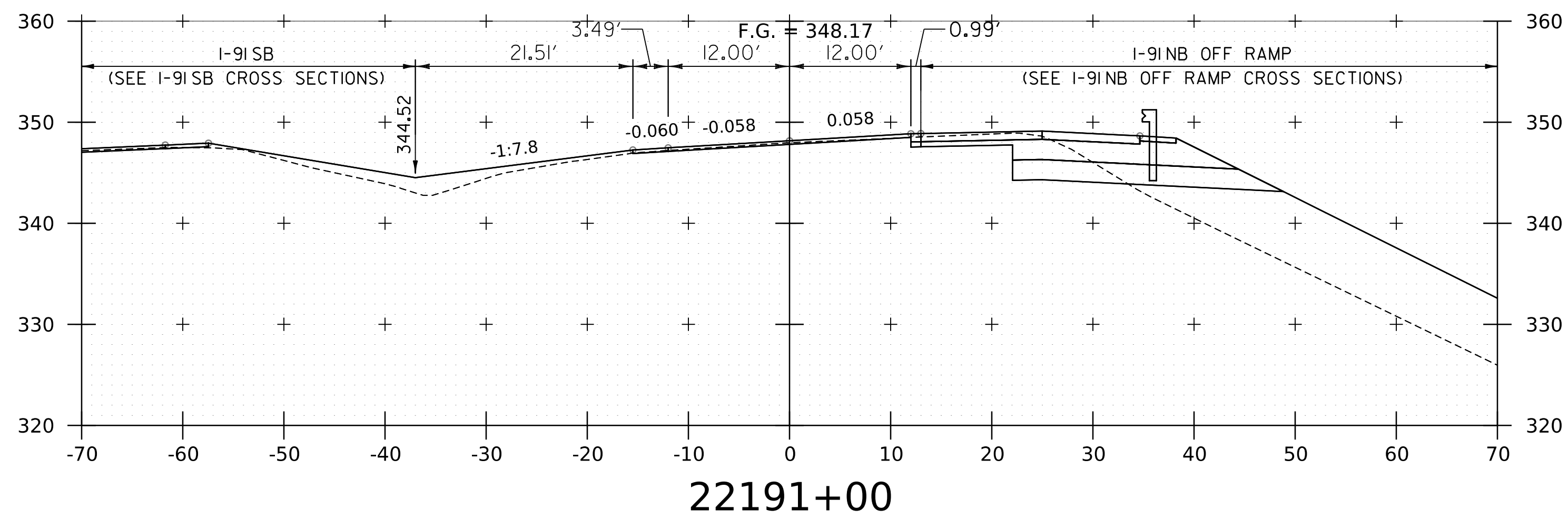
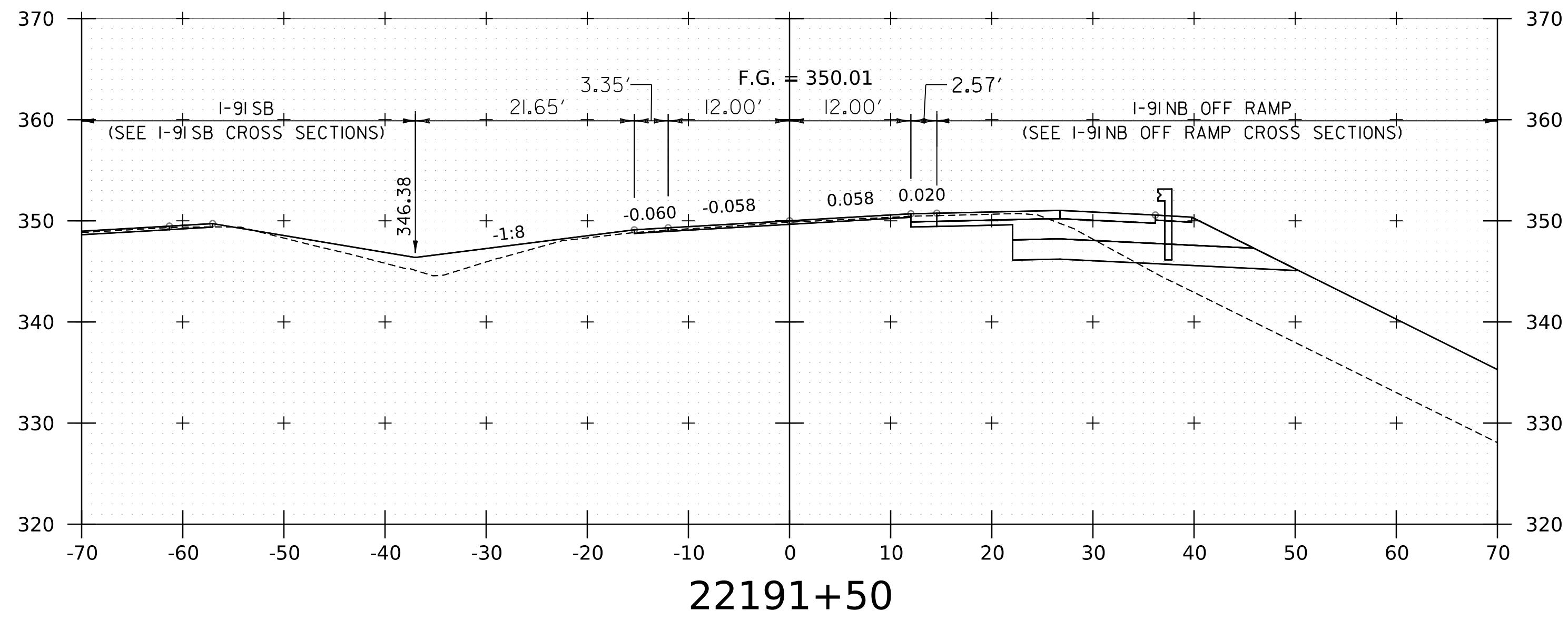


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 180 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 21	

WORKING PLANS FOR REFERENCE ONLY



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

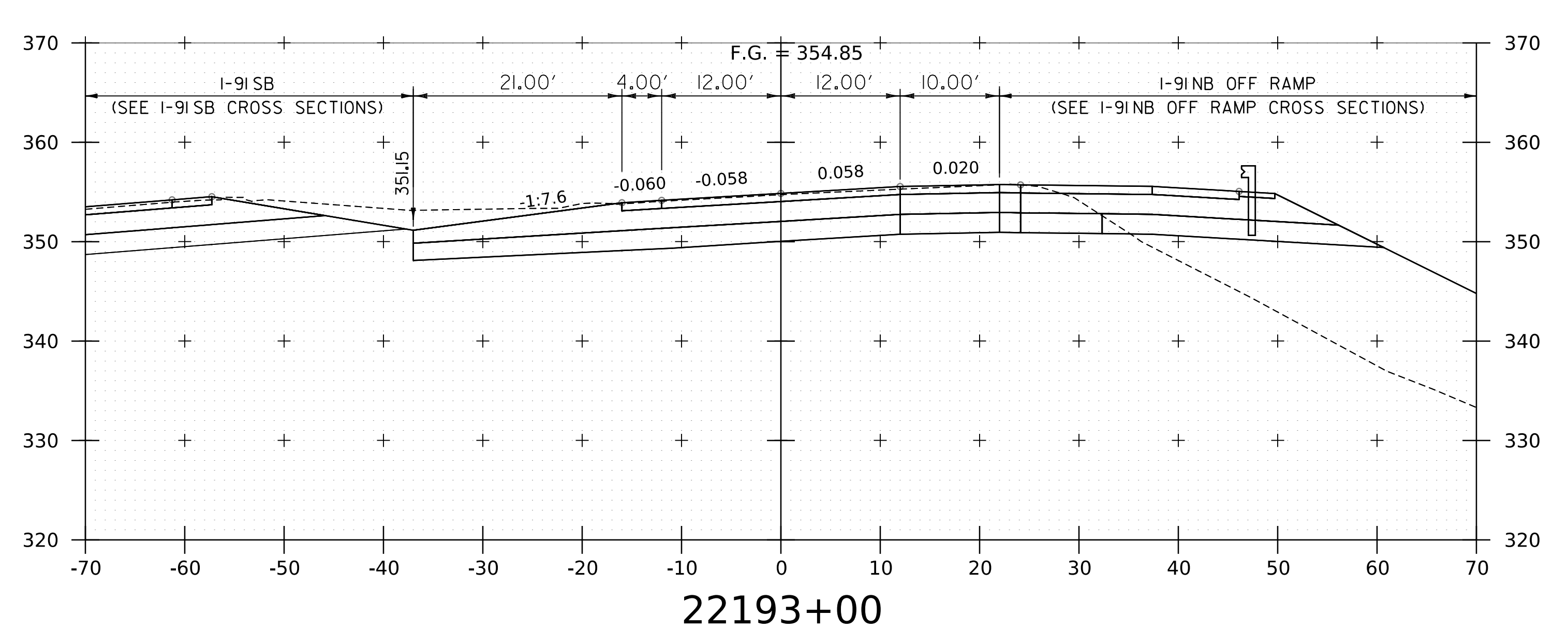
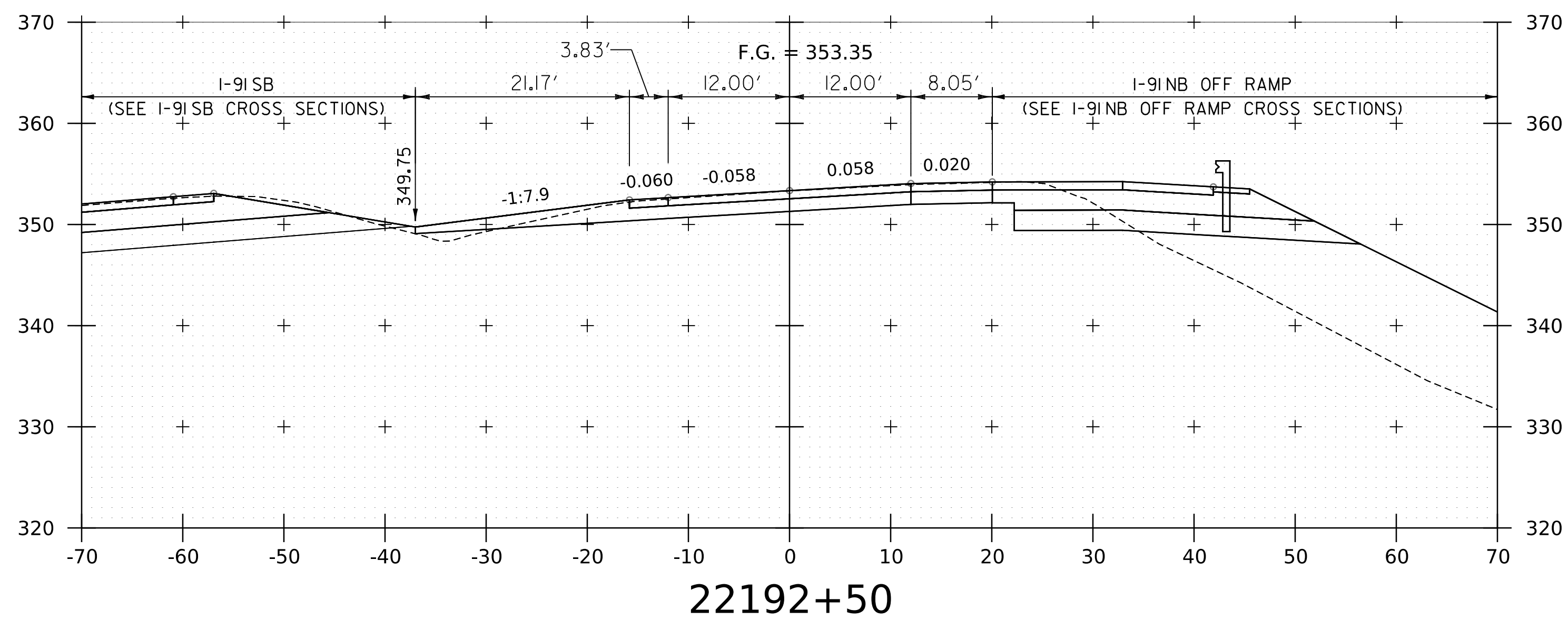
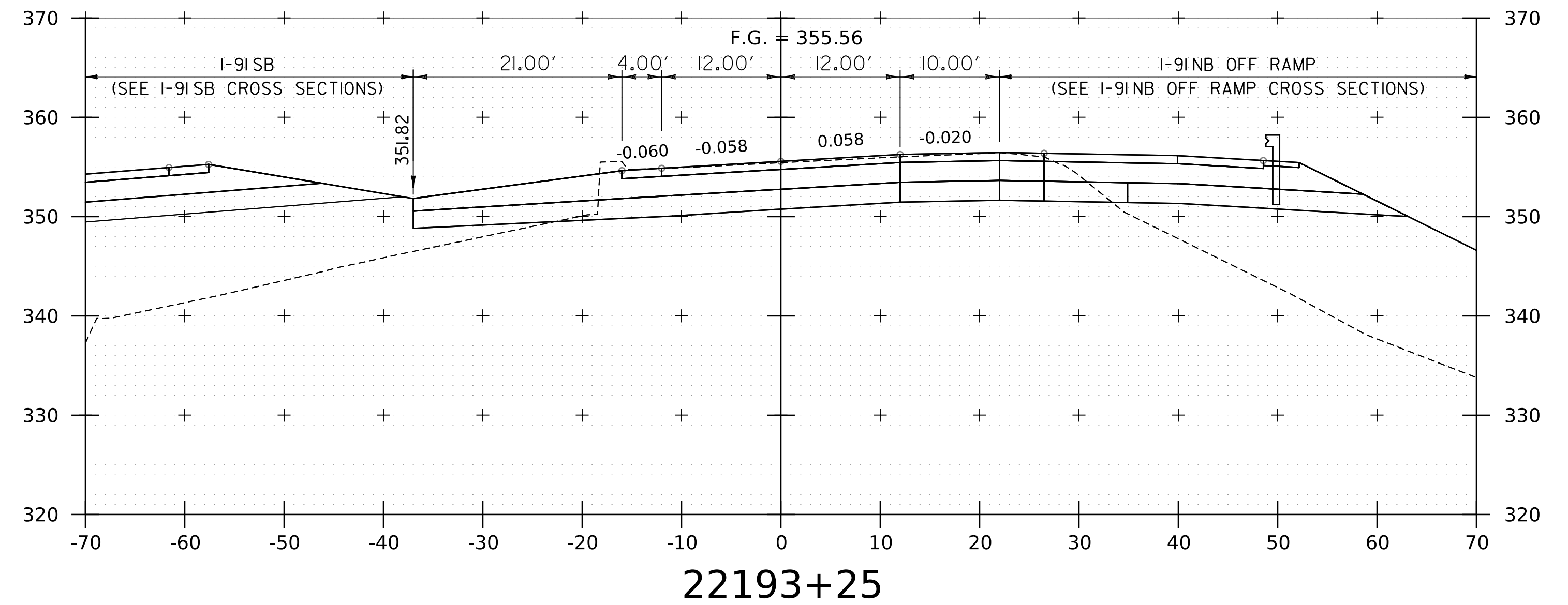
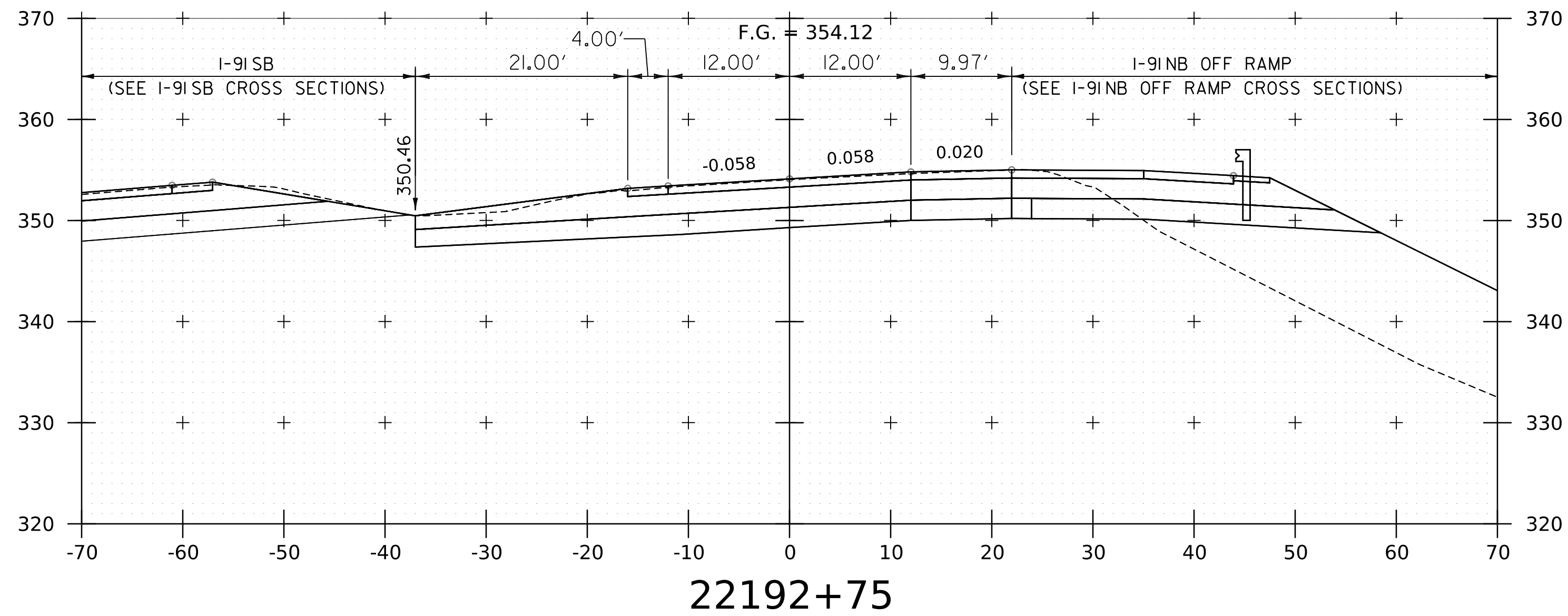
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs.I-91NB.27.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91NB CROSS SECTIONS 22

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 181 OF 439



WORKING PLANS FOR REFERENCE ONLY

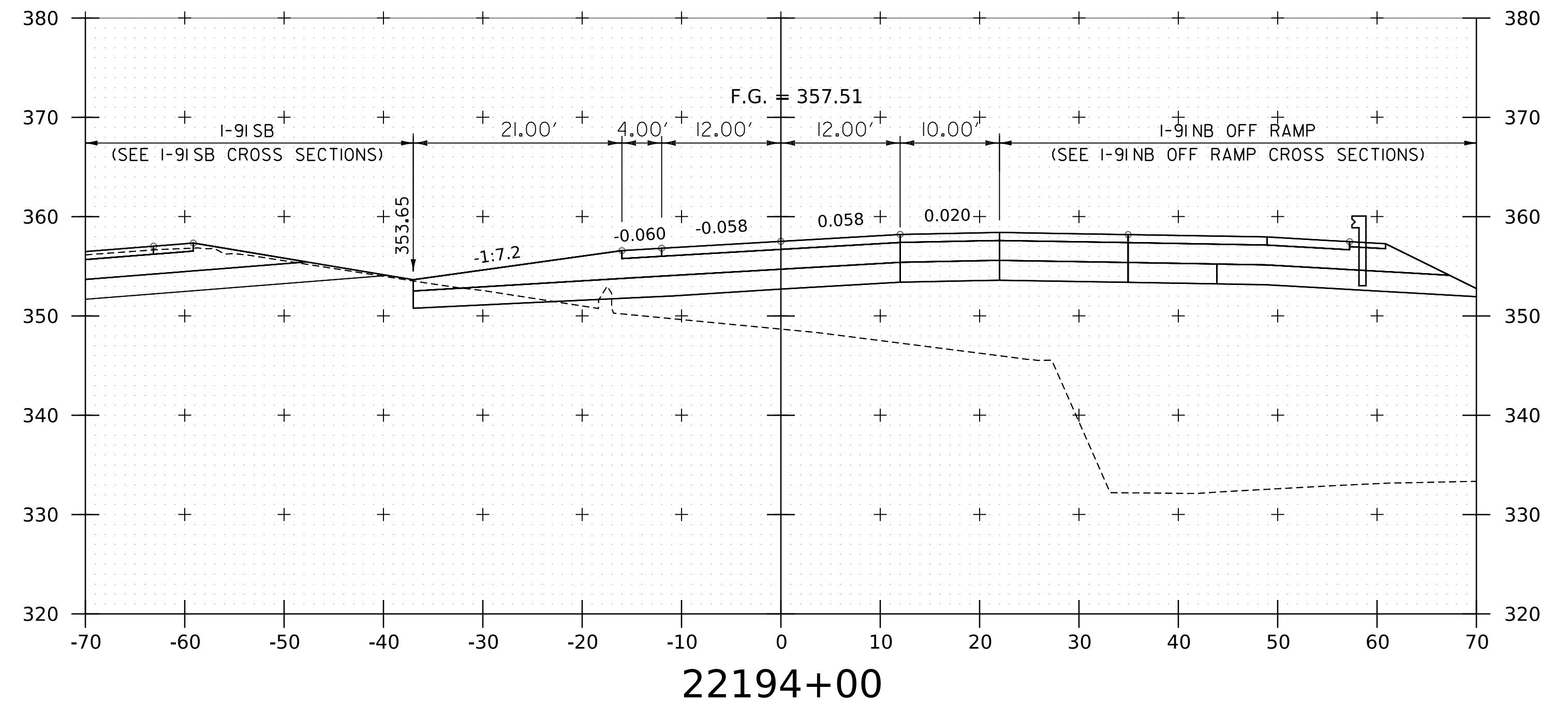
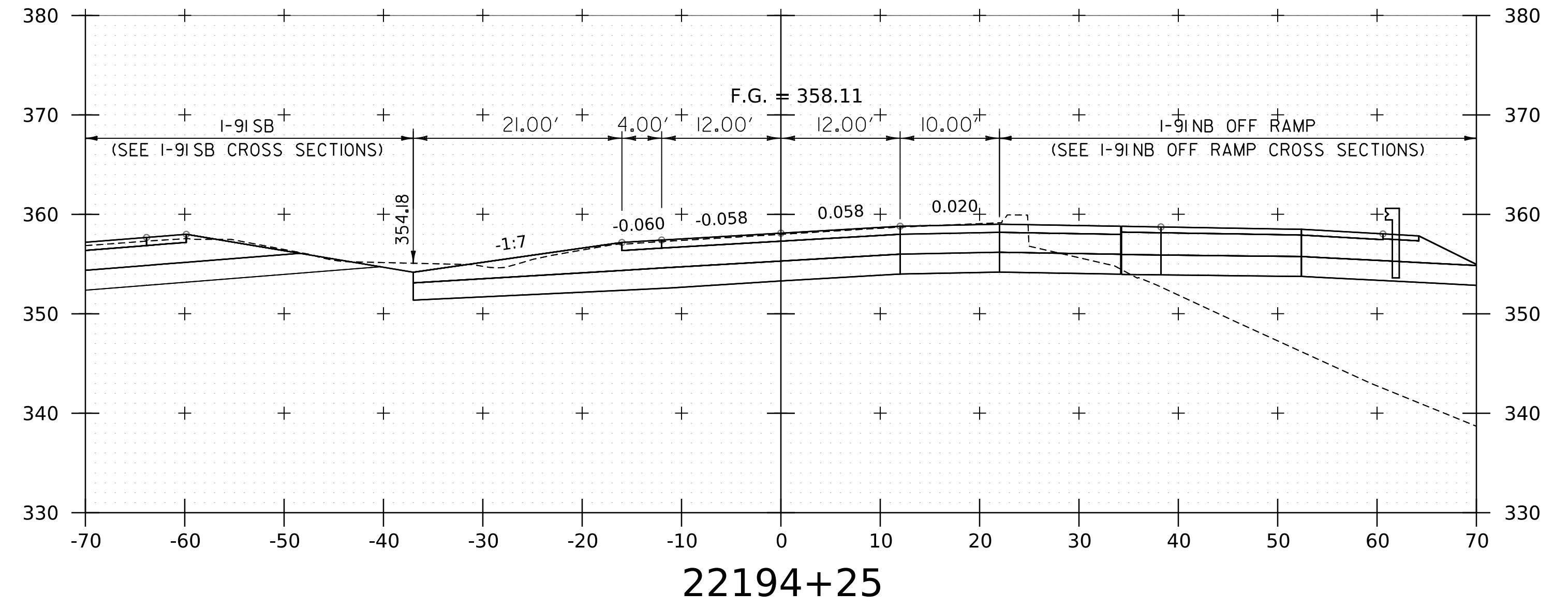
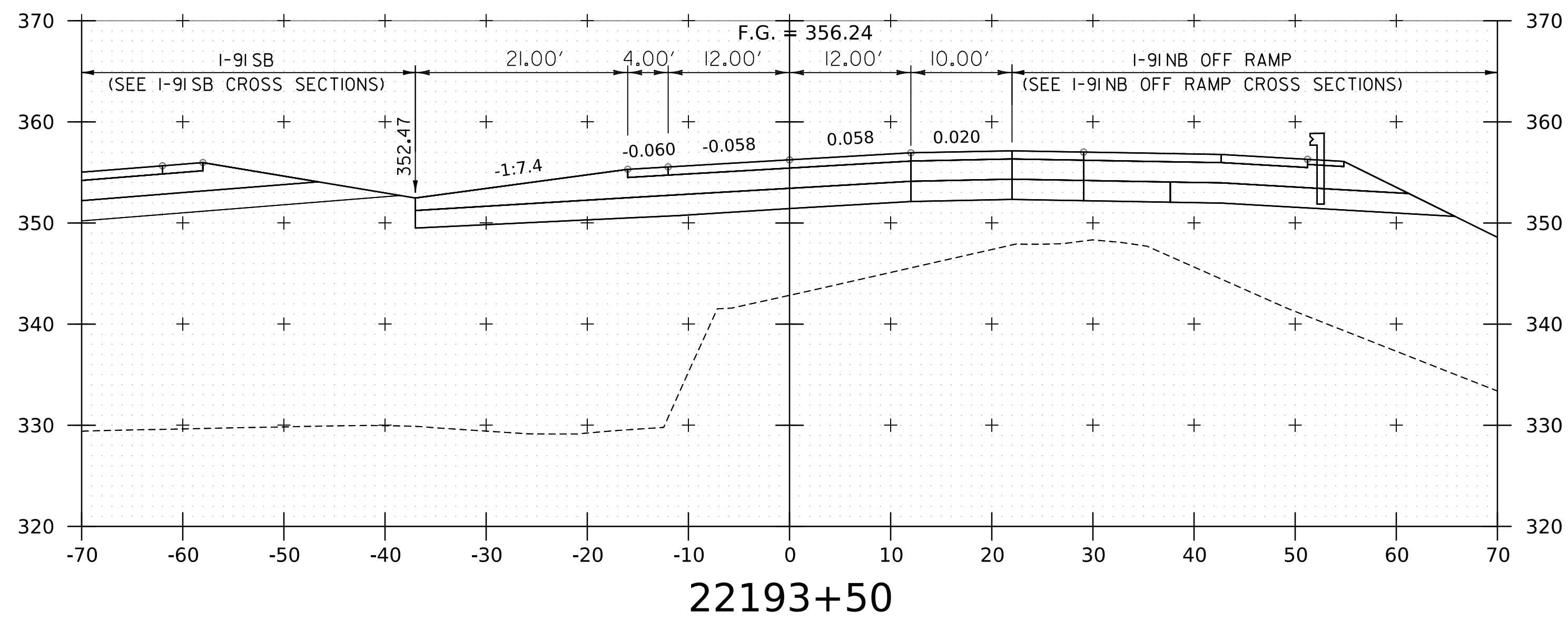
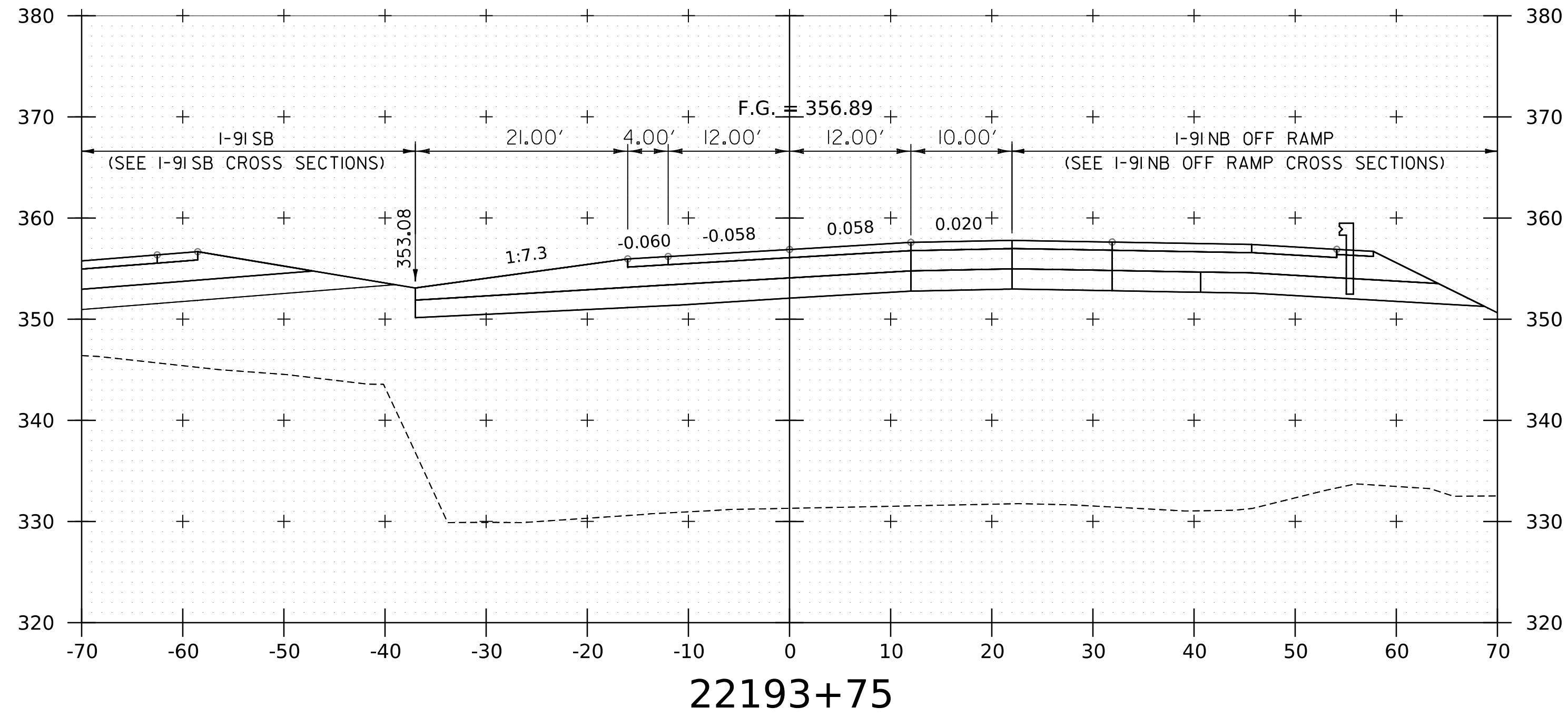


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	182 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS	23		



WORKING PLANS FOR REFERENCE ONLY



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

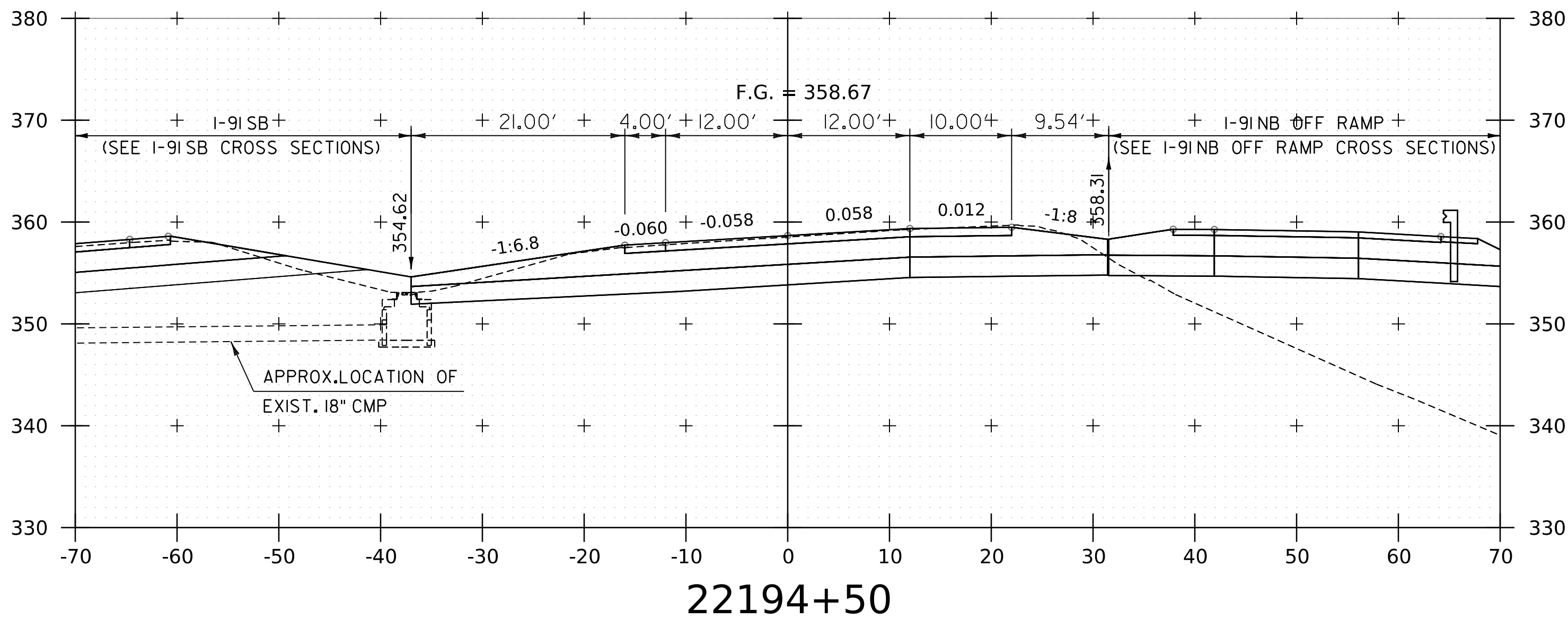
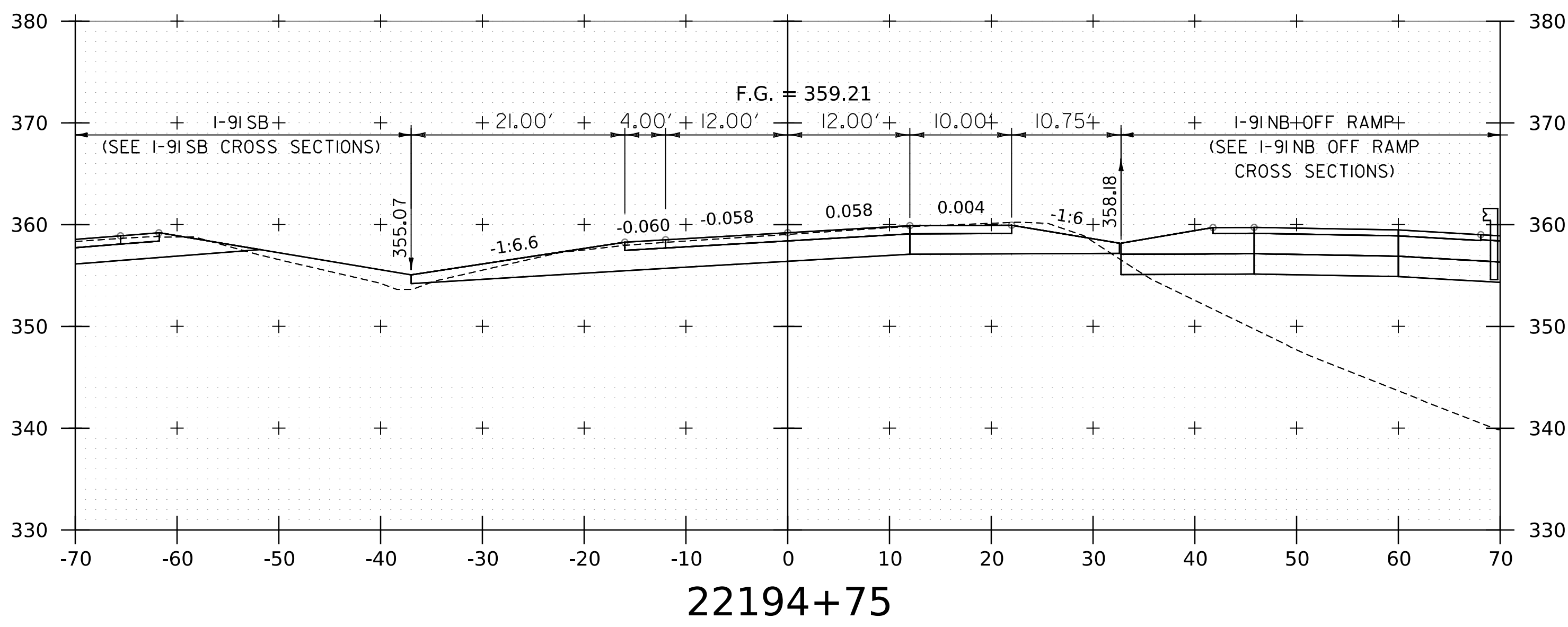
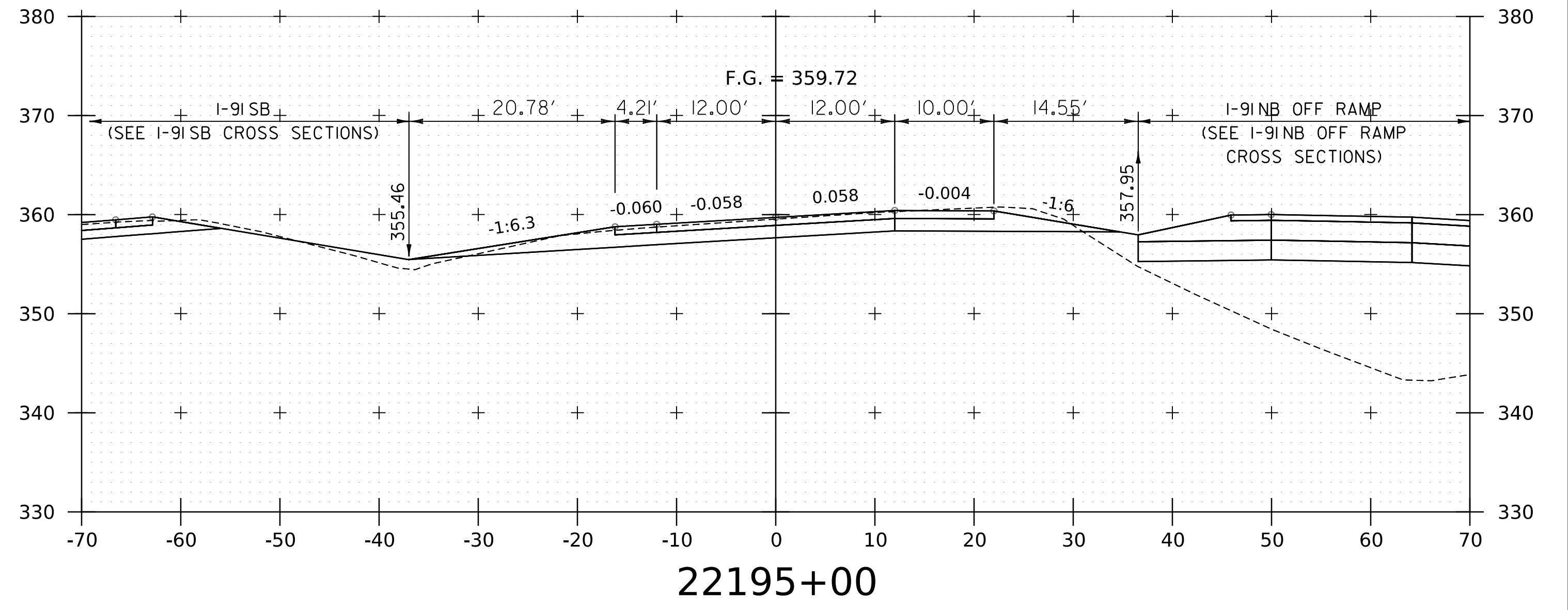
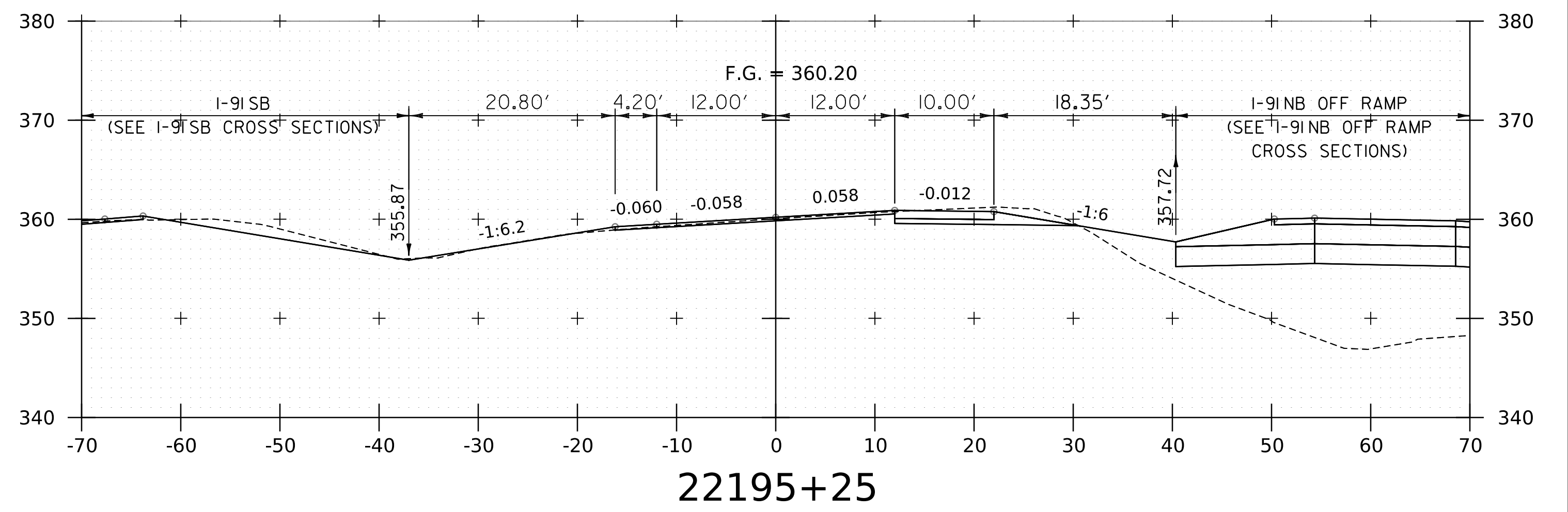
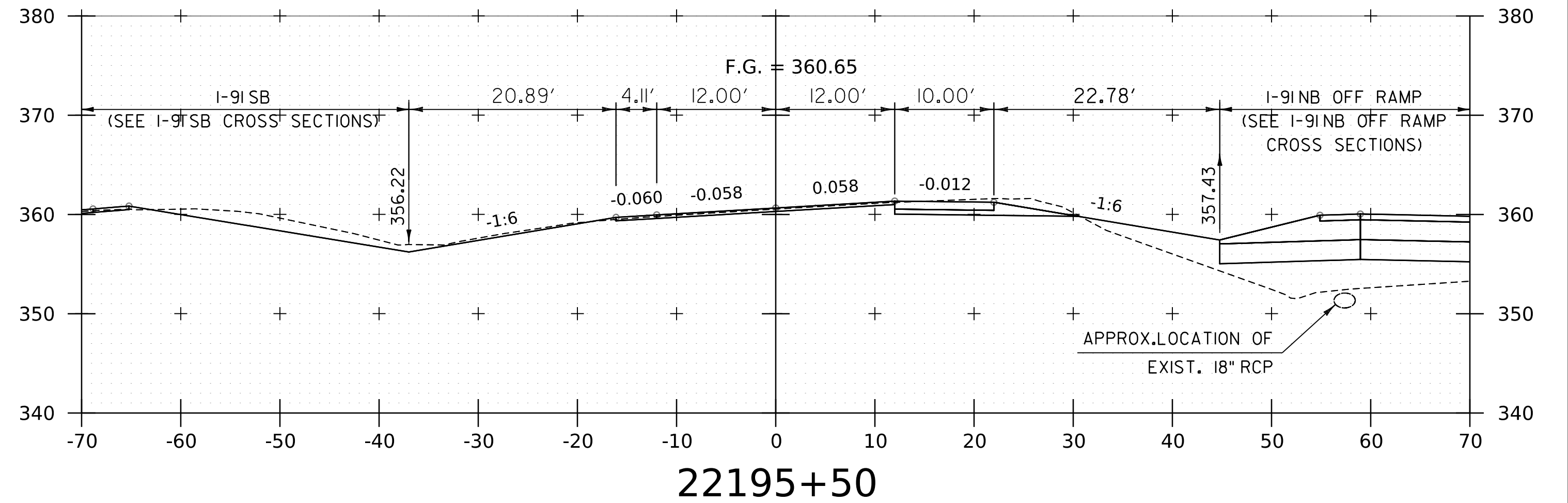
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_I-91NB.27.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91NB CROSS SECTIONS 24

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 183 OF 439



WORKING PLANS FOR REFERENCE ONLY



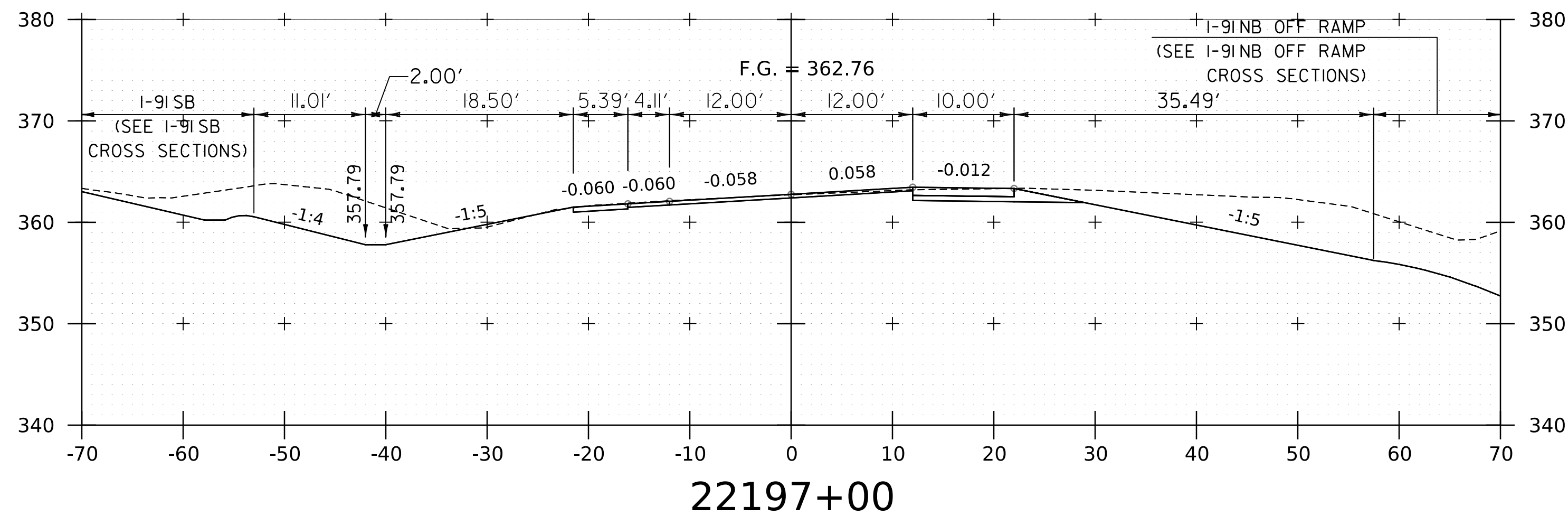
STOP NORTHBOUND PROJECT

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

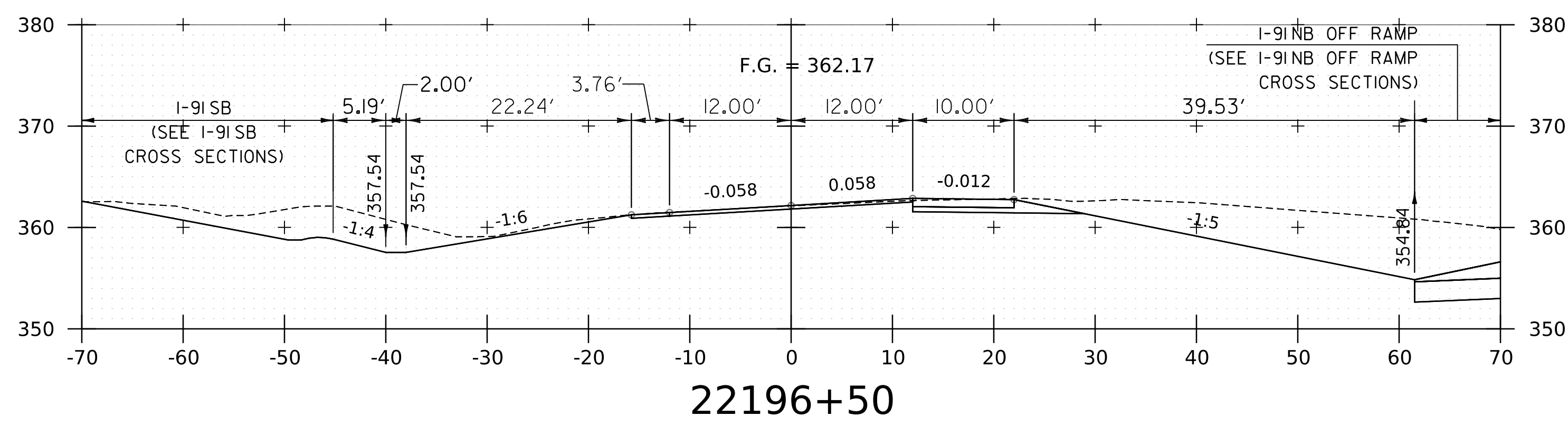
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	184 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS	25		



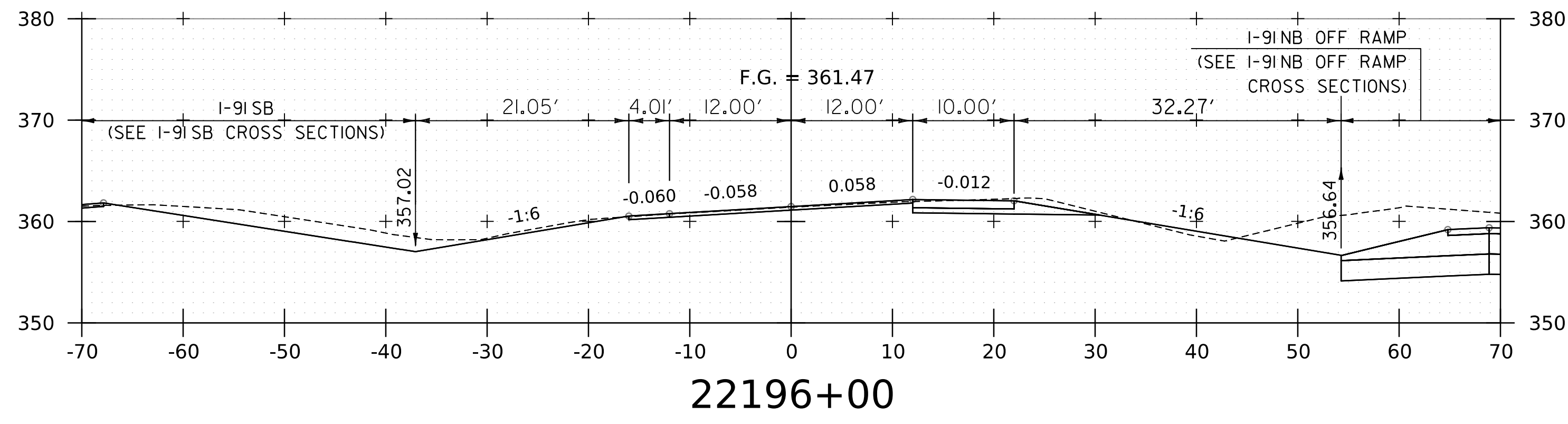
WORKING PLANS FOR REFERENCE ONLY



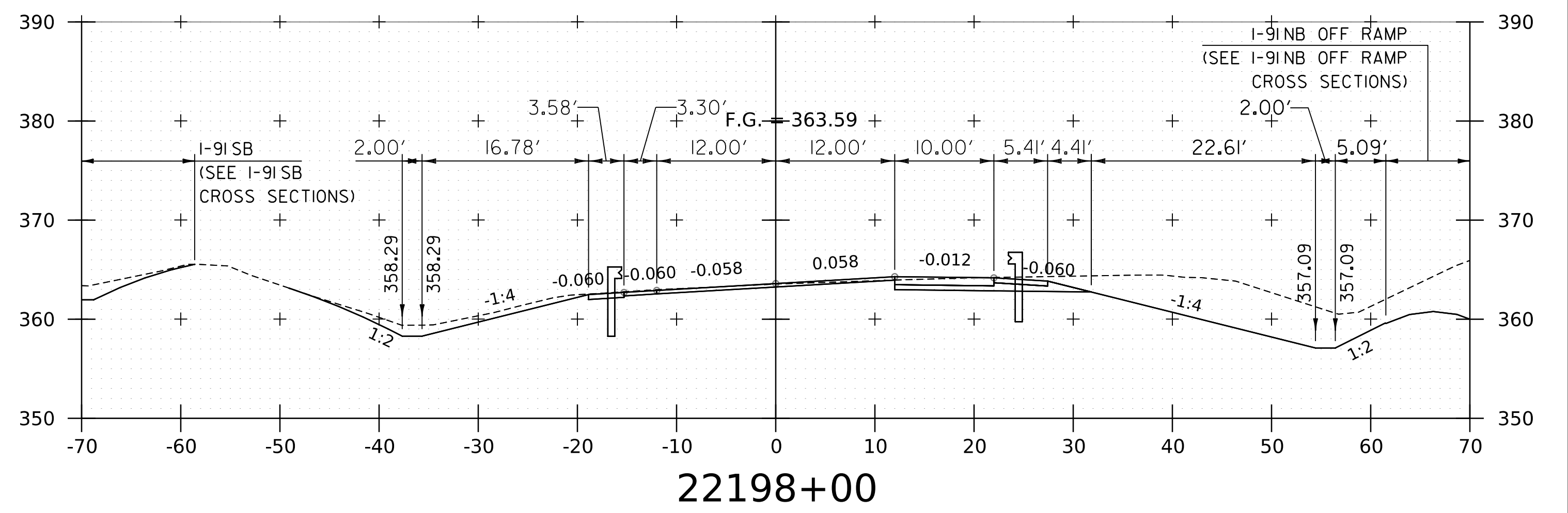
22197+00



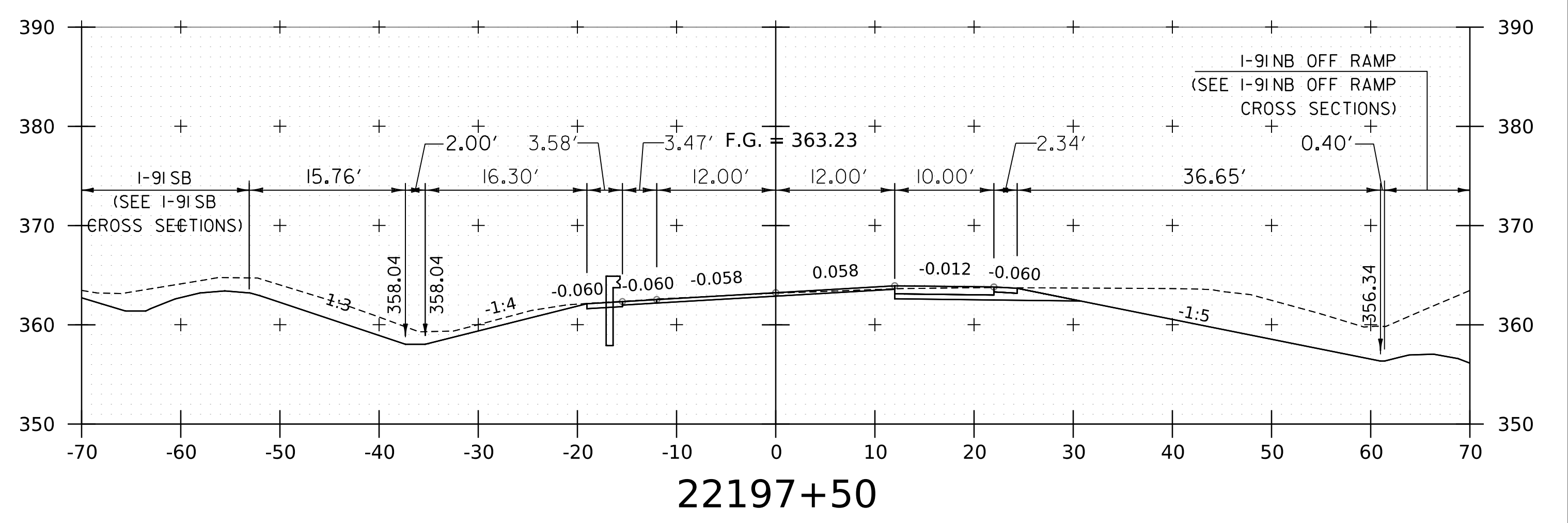
22196+50



22196+00



22198+00



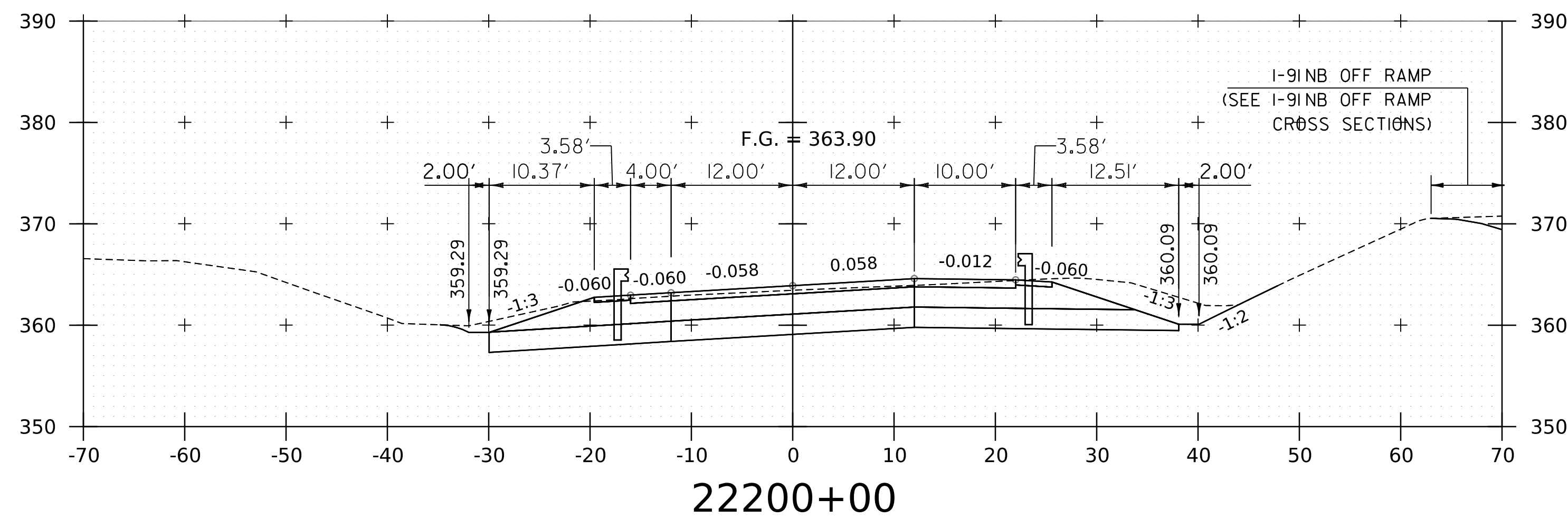
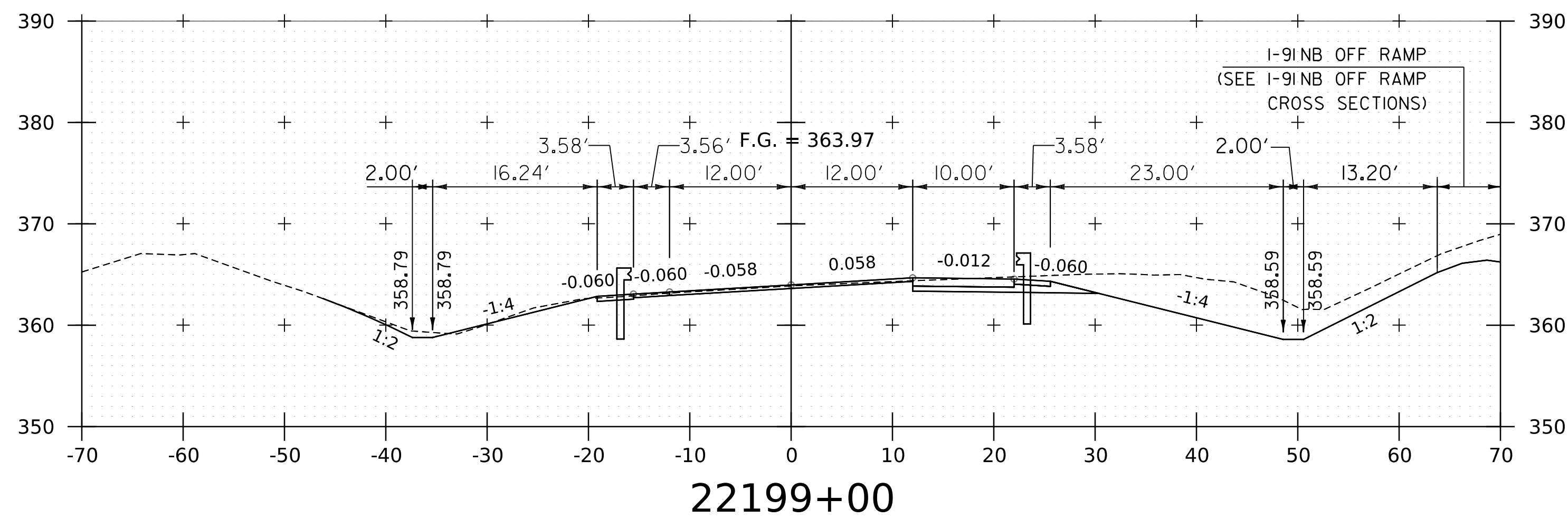
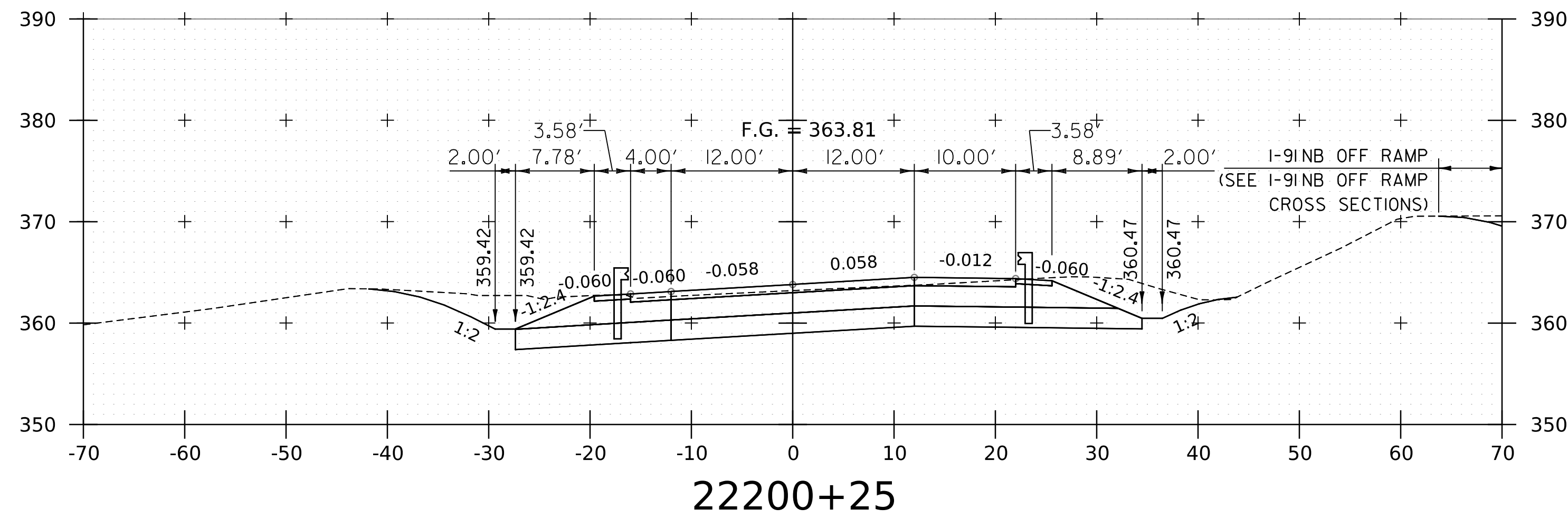
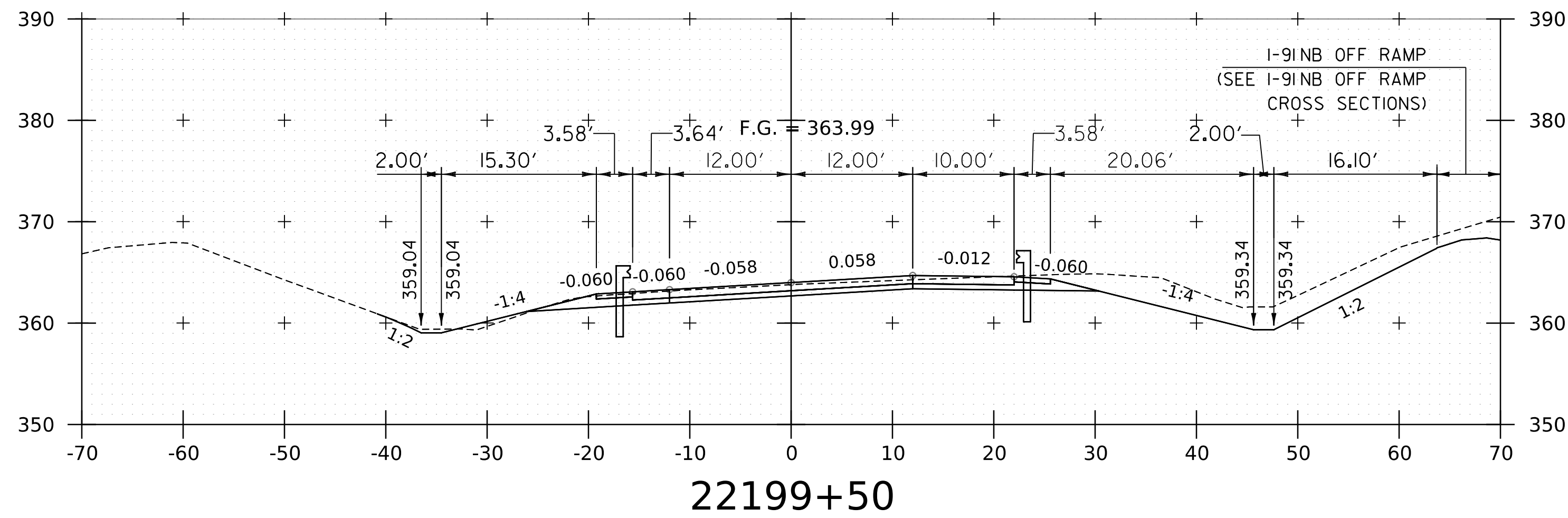
22197+50

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

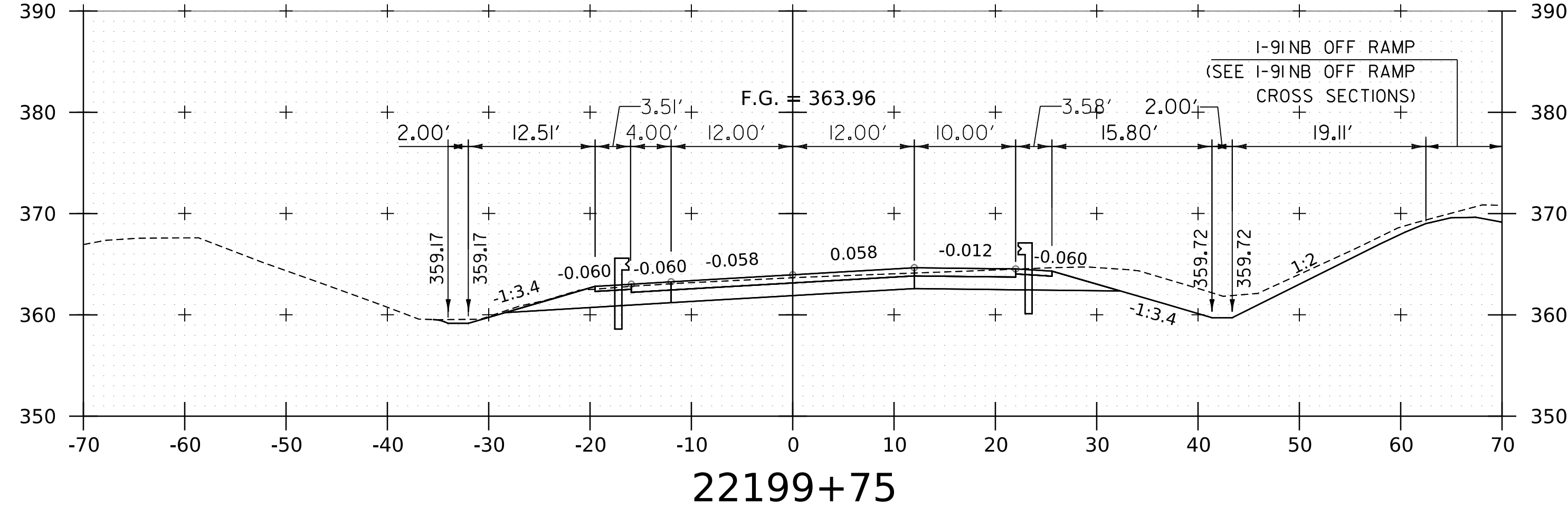
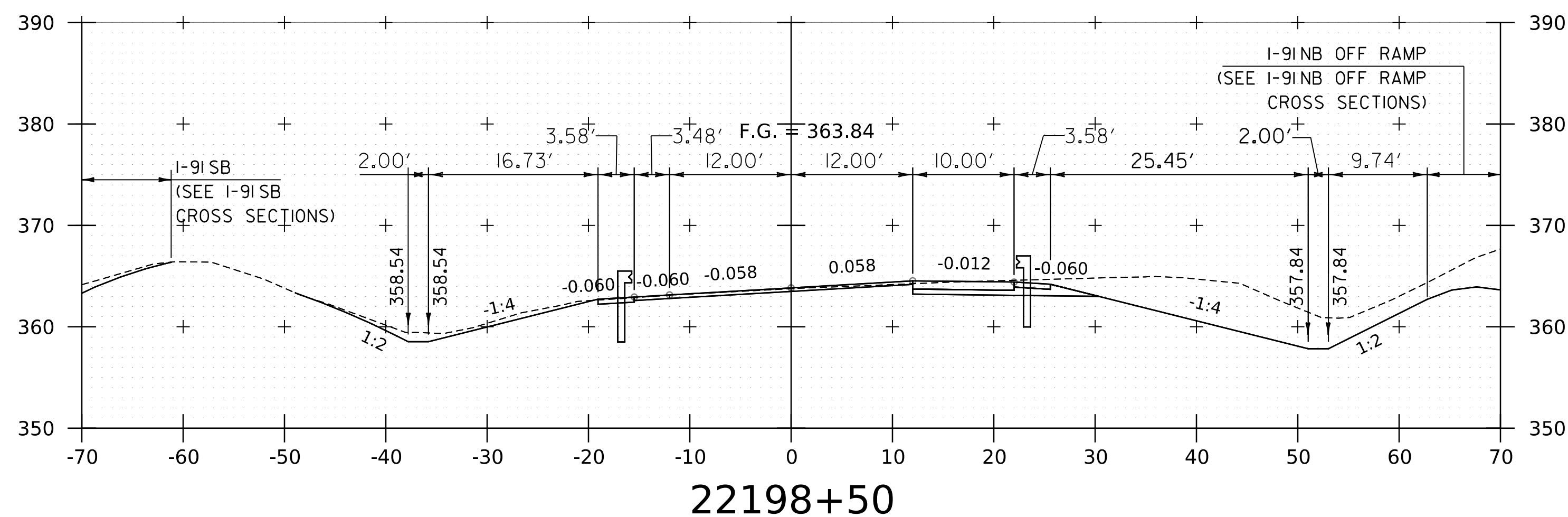
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91NB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 26		SHEET 185 OF 439



WORKING PLANS FOR REFERENCE ONLY



RESUME NORTHBOUND PROJECT

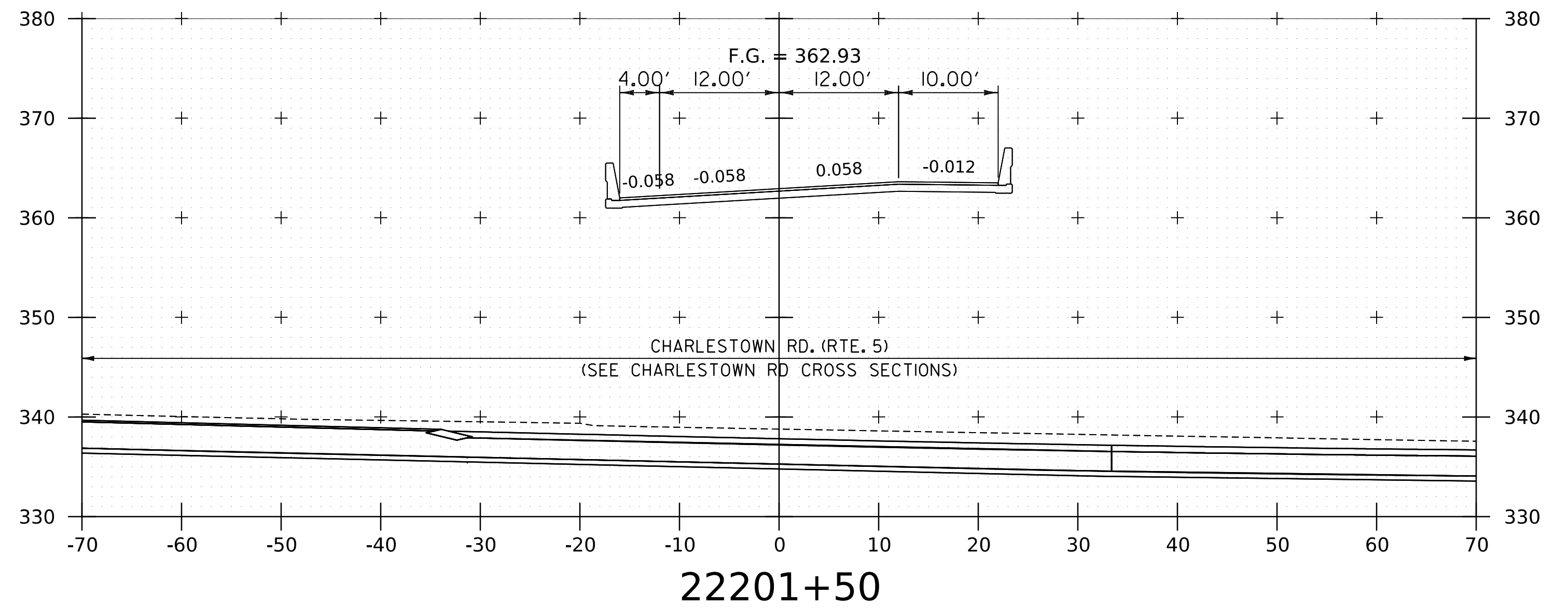
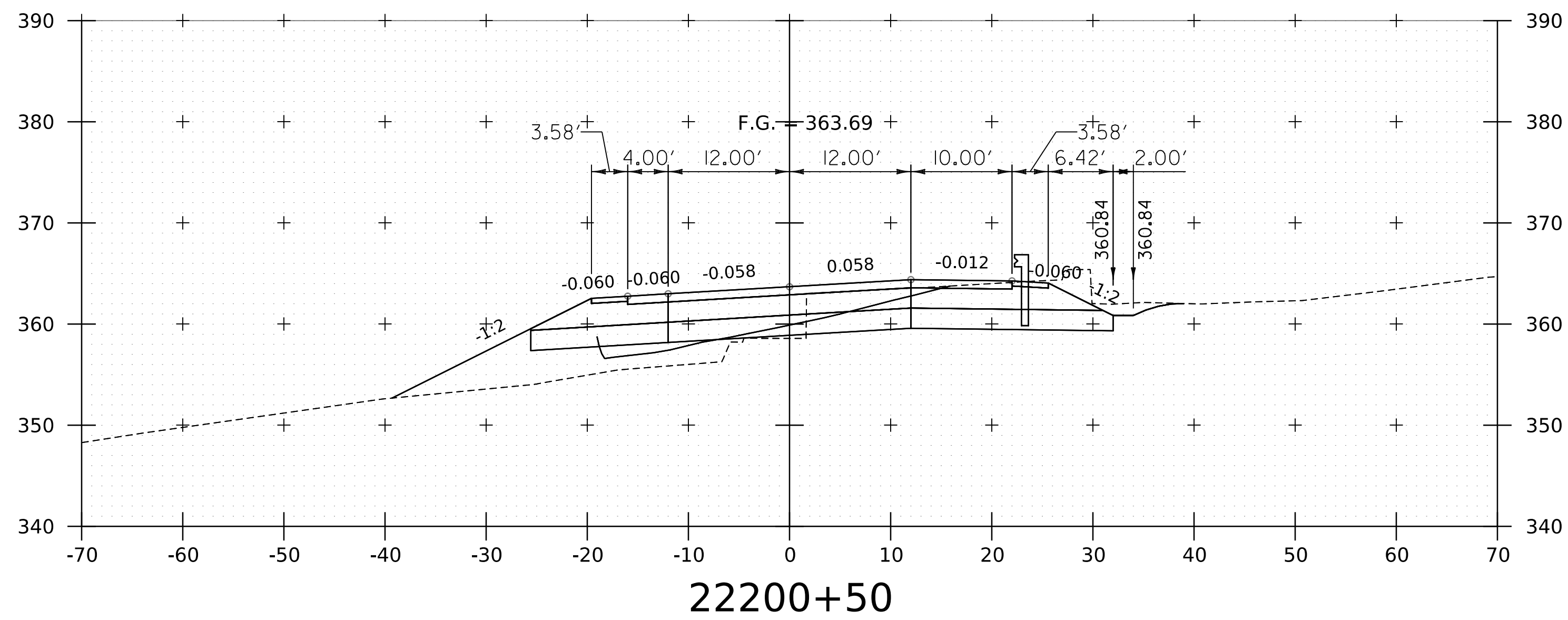
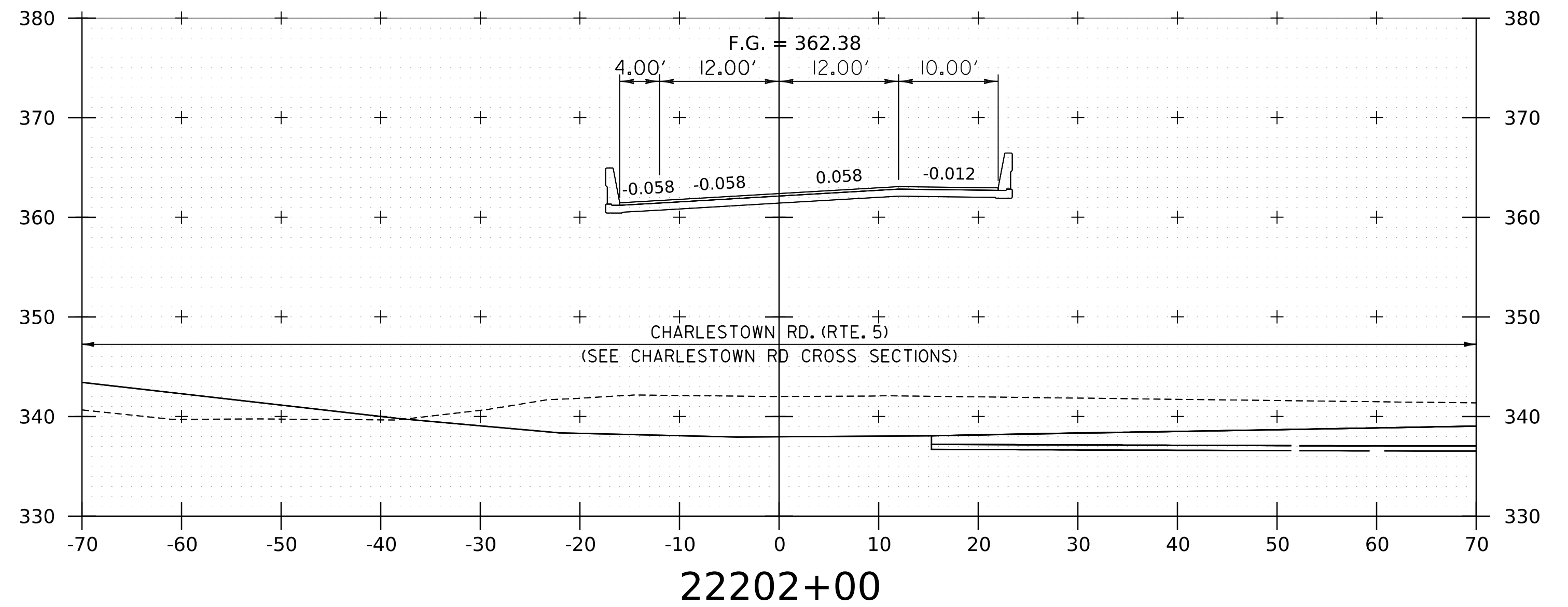
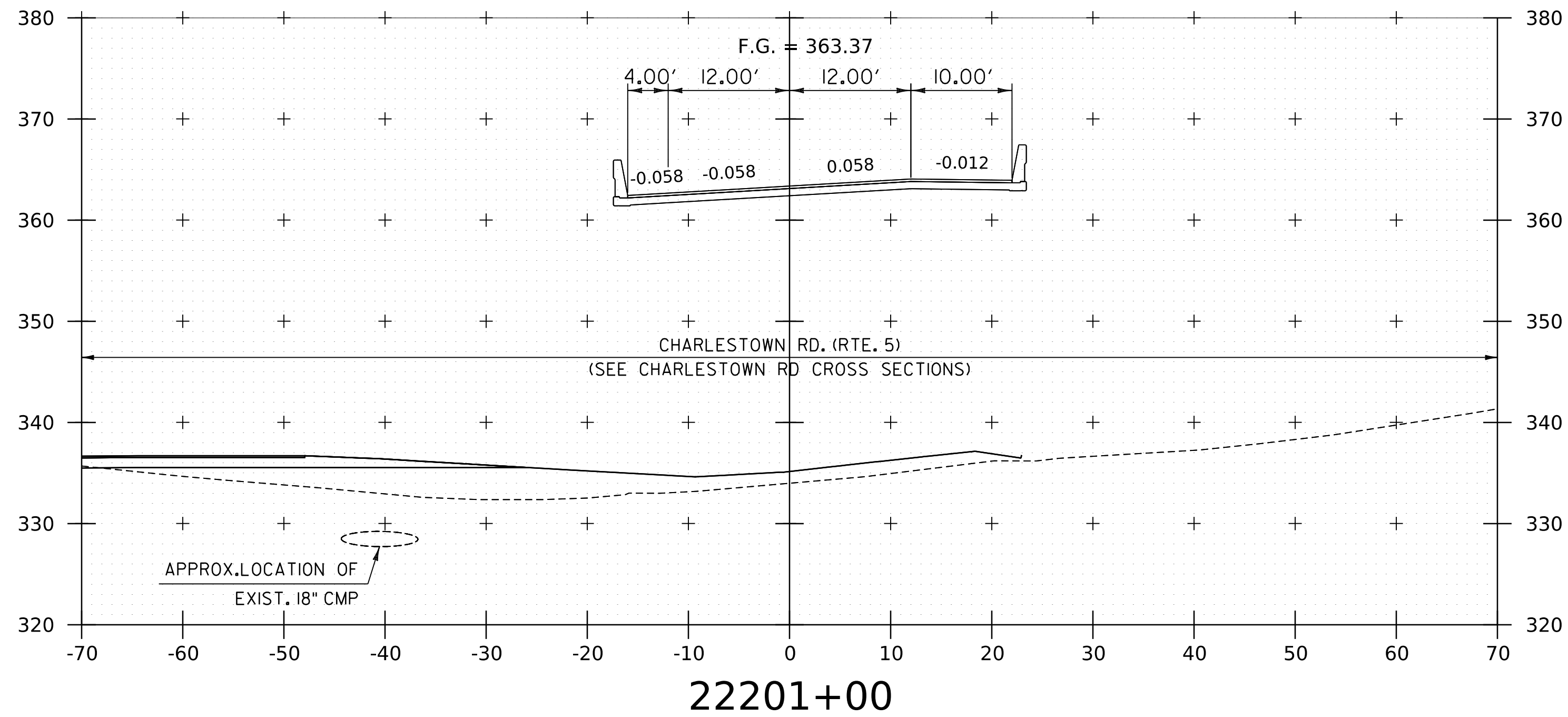


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91_NB.28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91NB CROSS SECTIONS 27		SHEET	186 OF 439

WORKING PLANS FOR REFERENCE ONLY



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

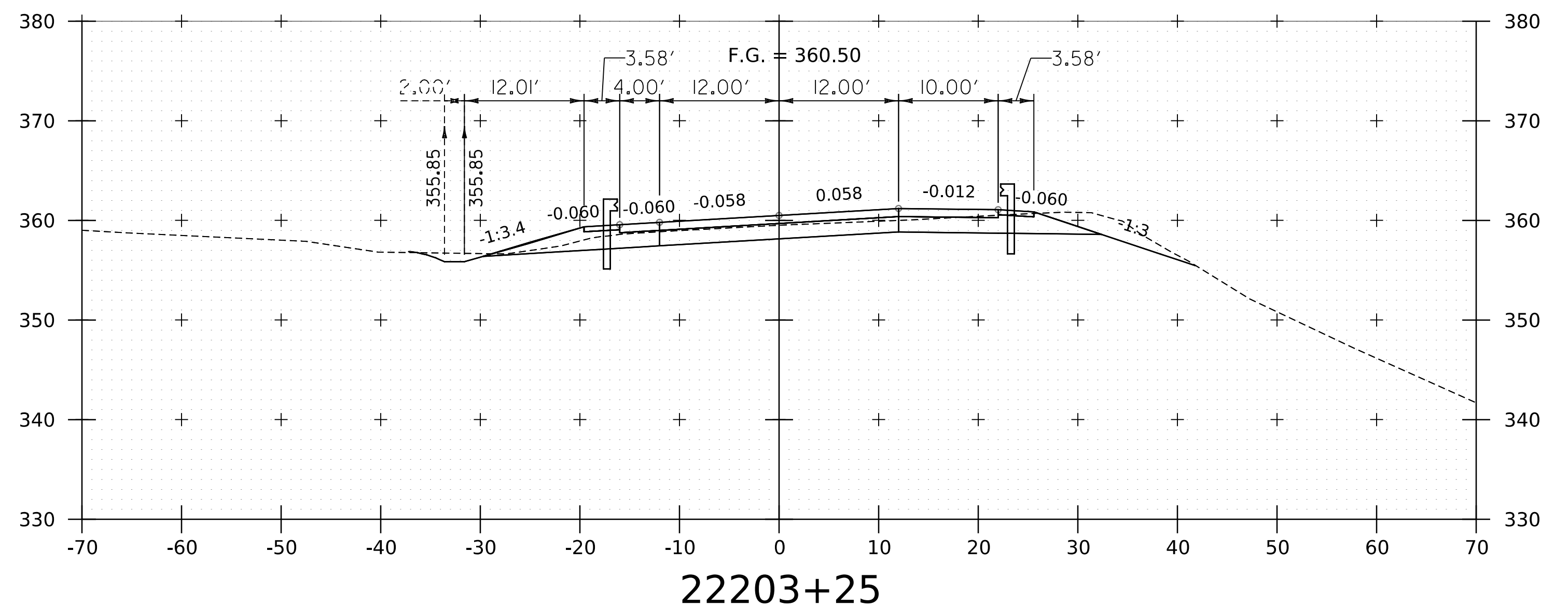
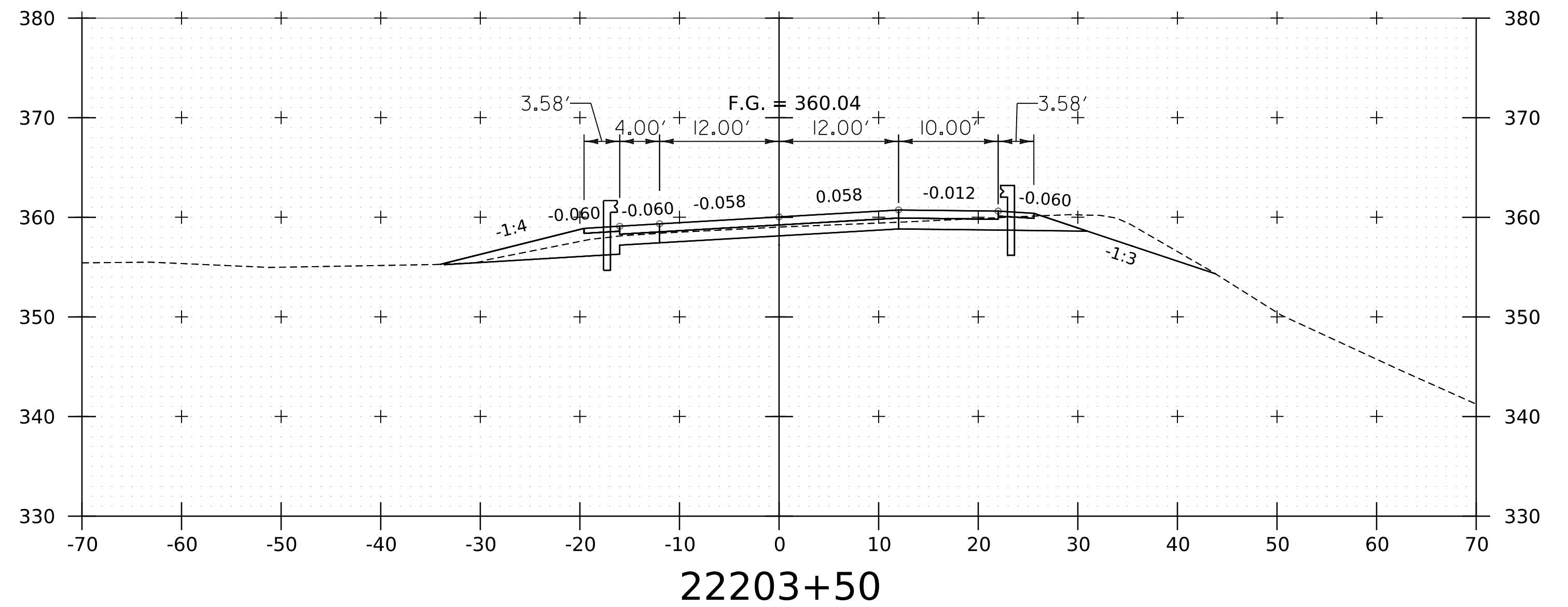
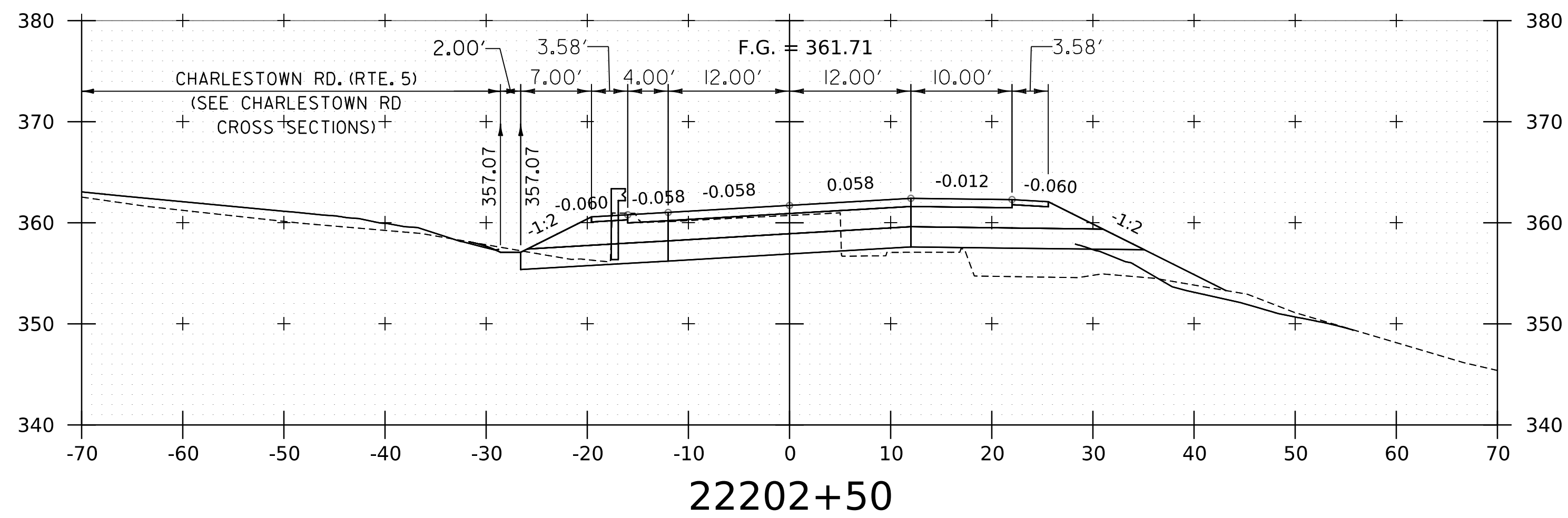
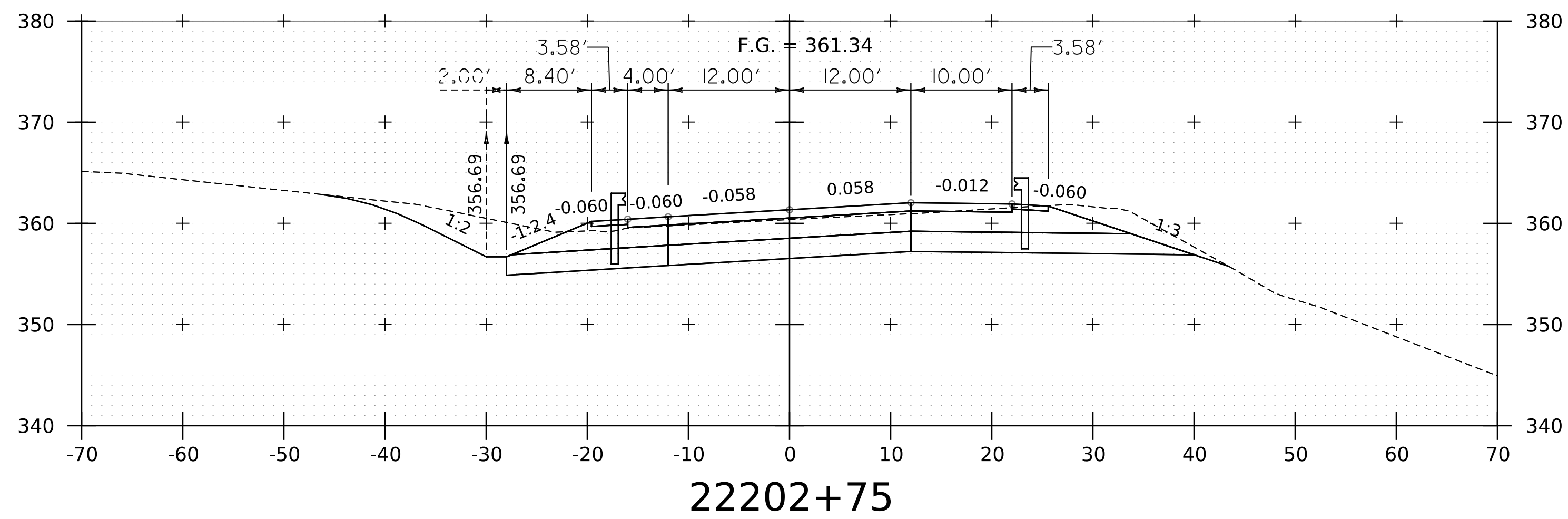
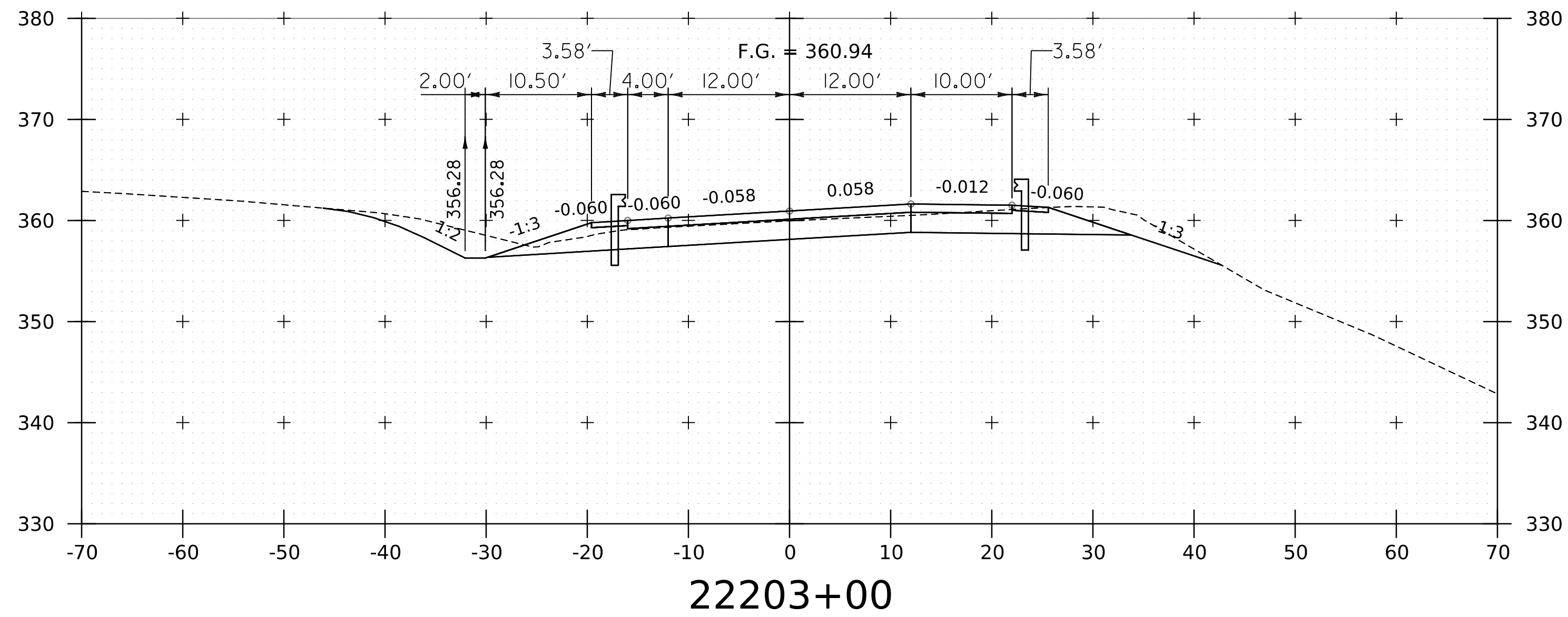
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_1-91_NB_28.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91NB CROSS SECTIONS 28

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 187 OF 439



WORKING PLANS FOR REFERENCE ONLY

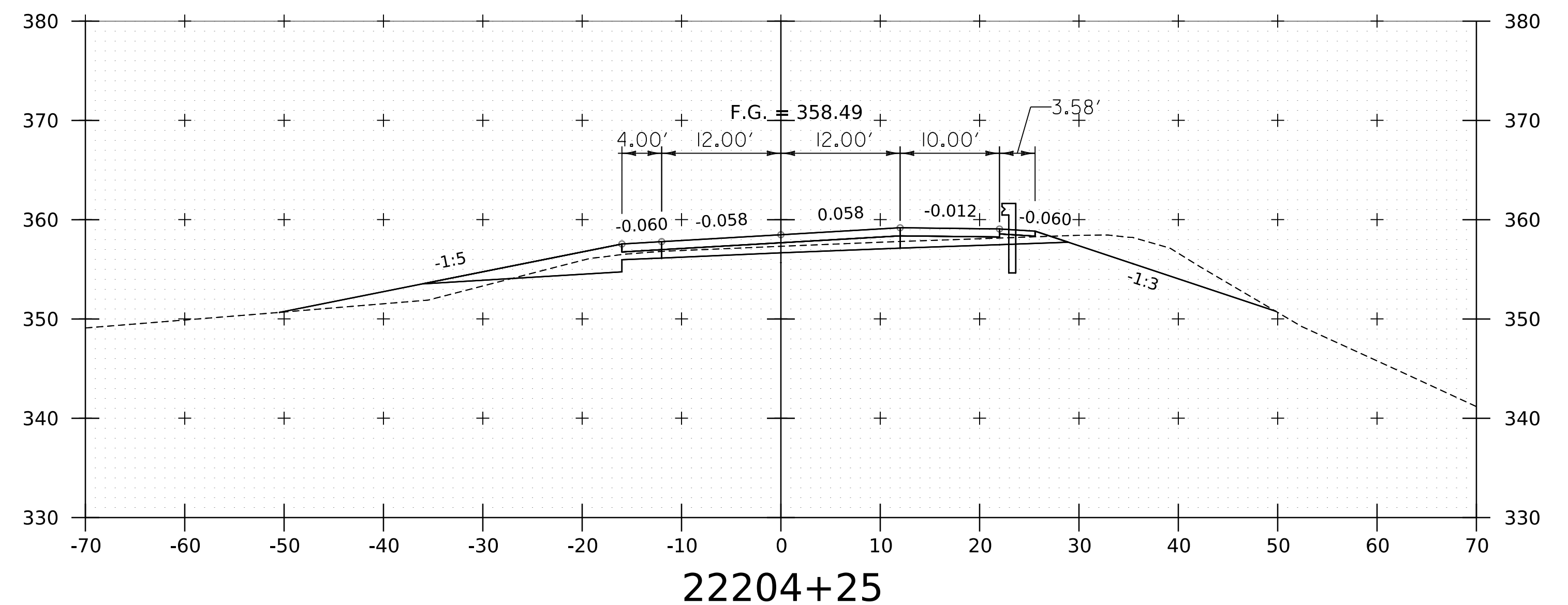
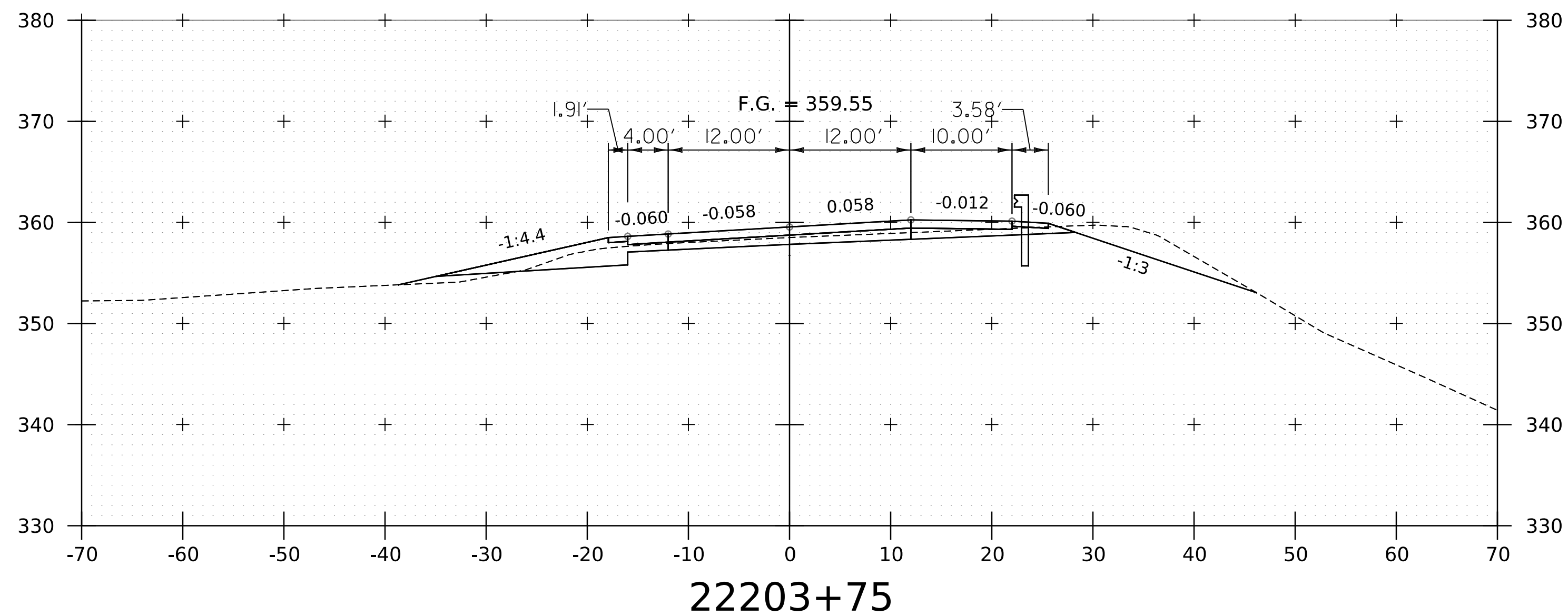
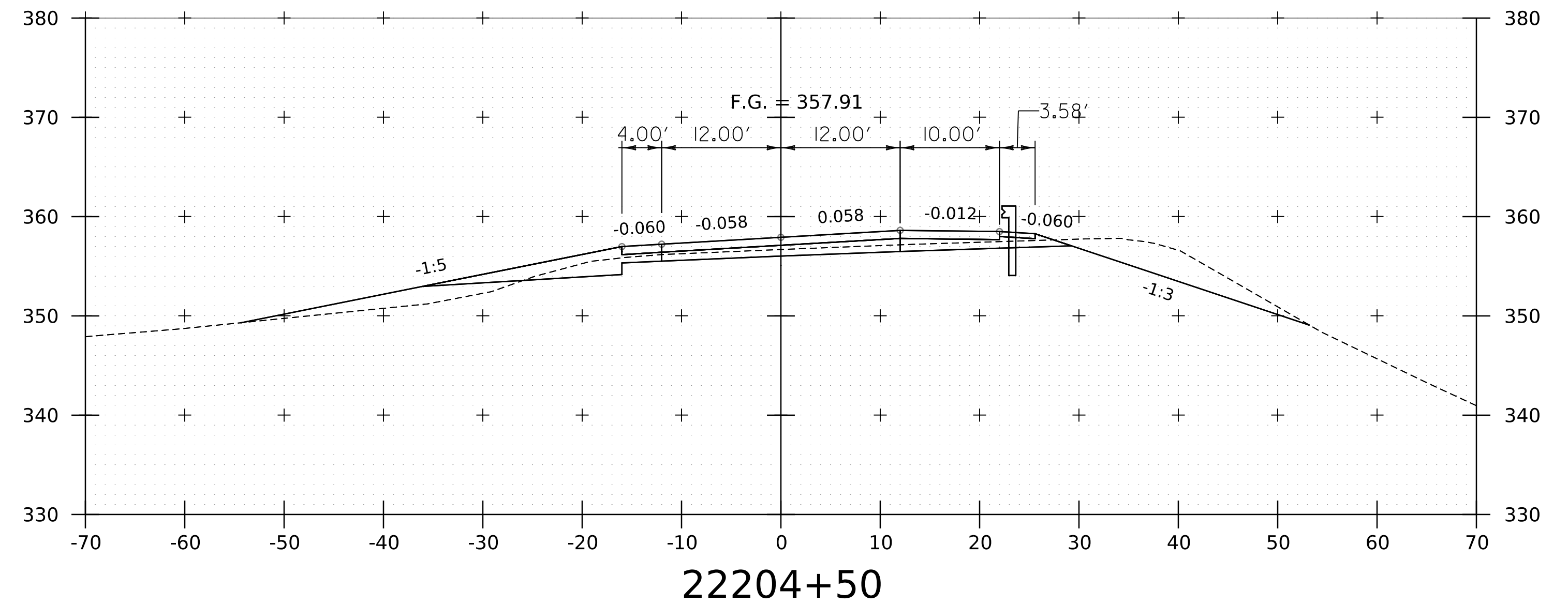
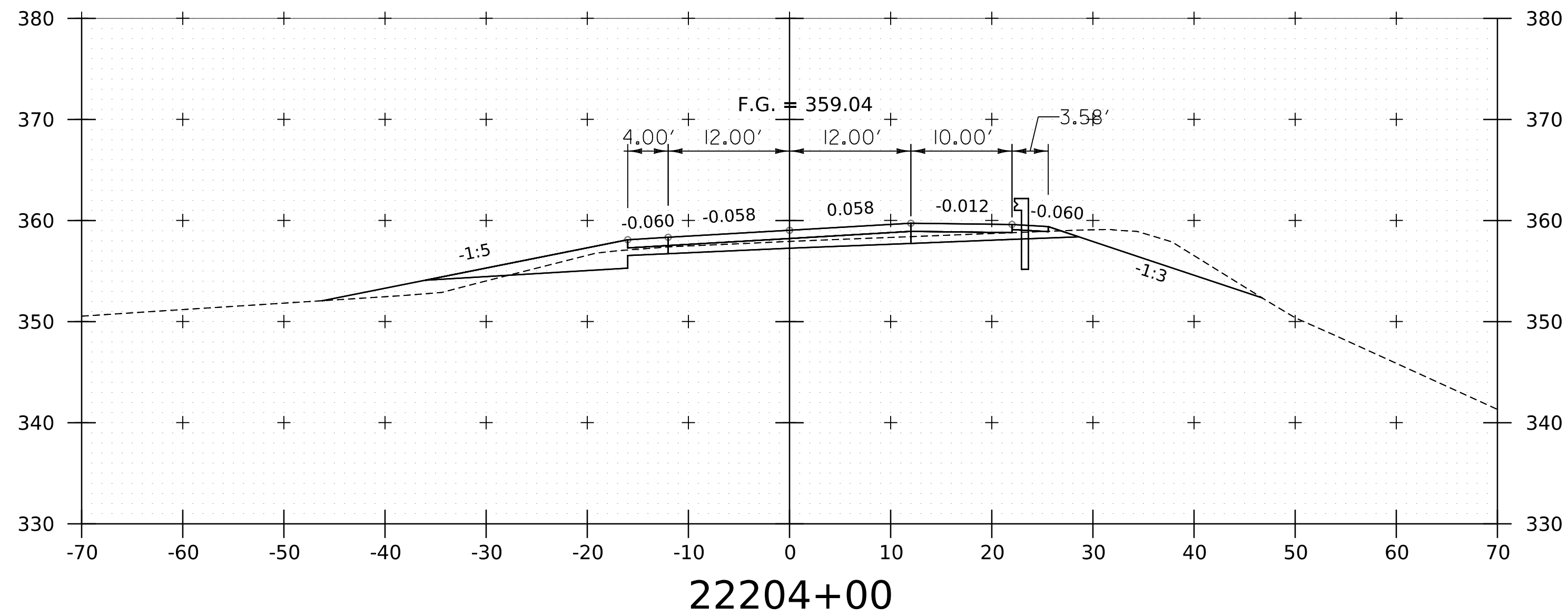


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_1-91_NB_28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 29	SHEET	188 OF 439



WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

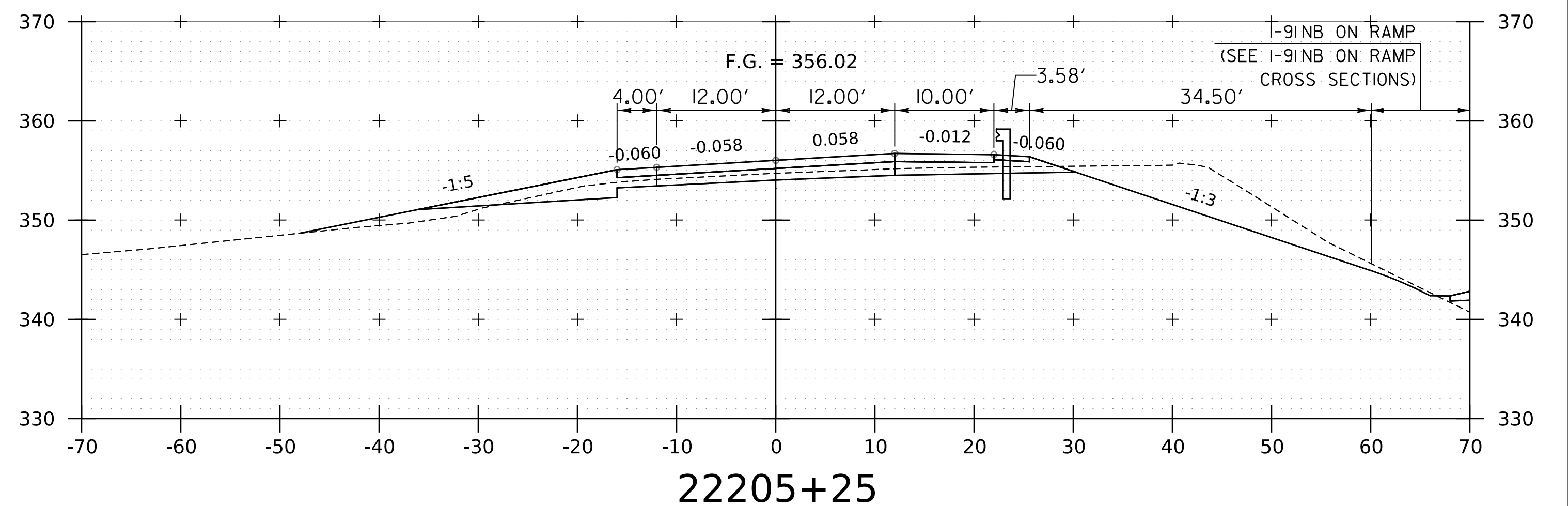
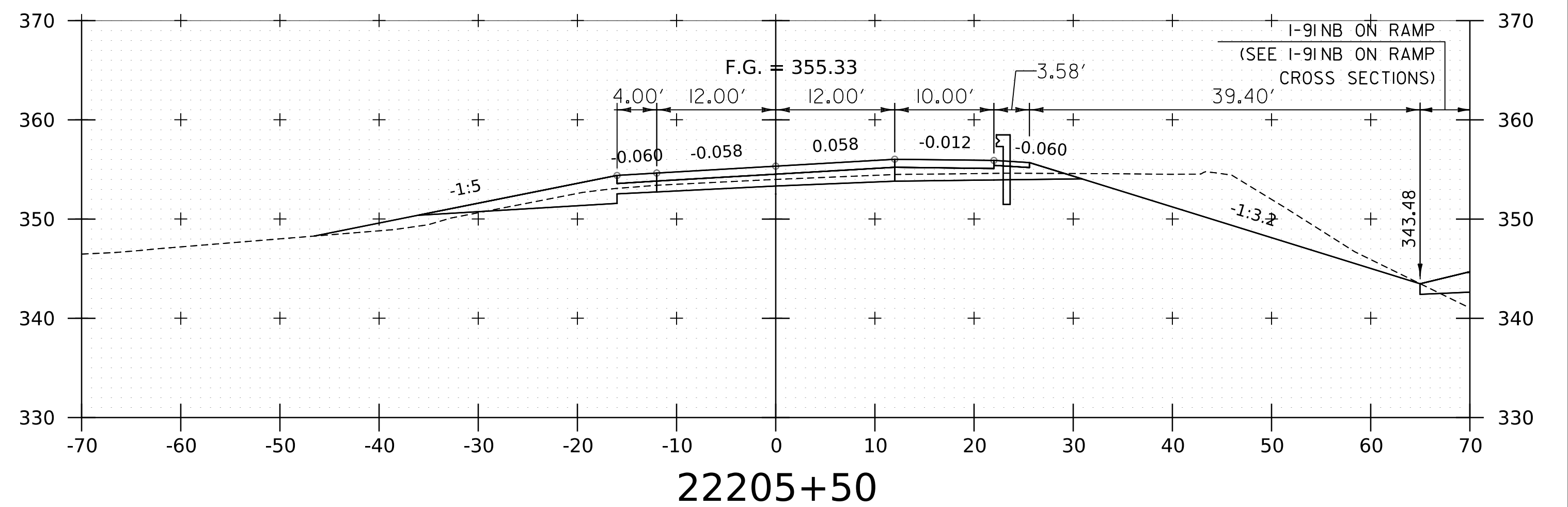
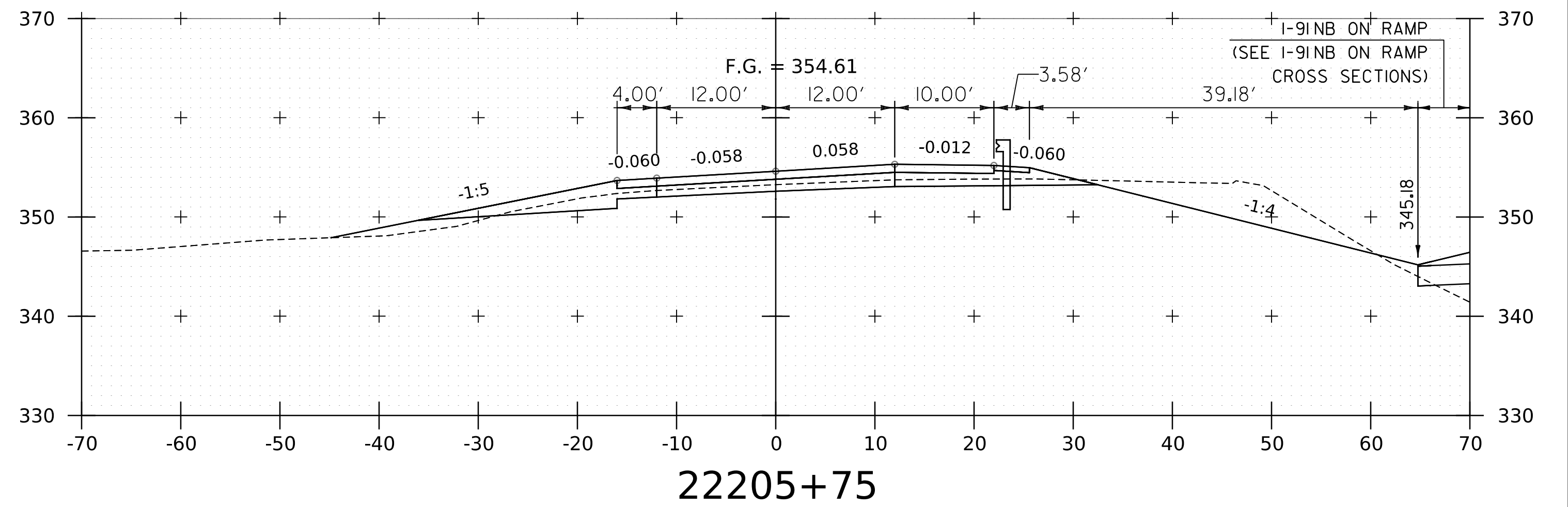
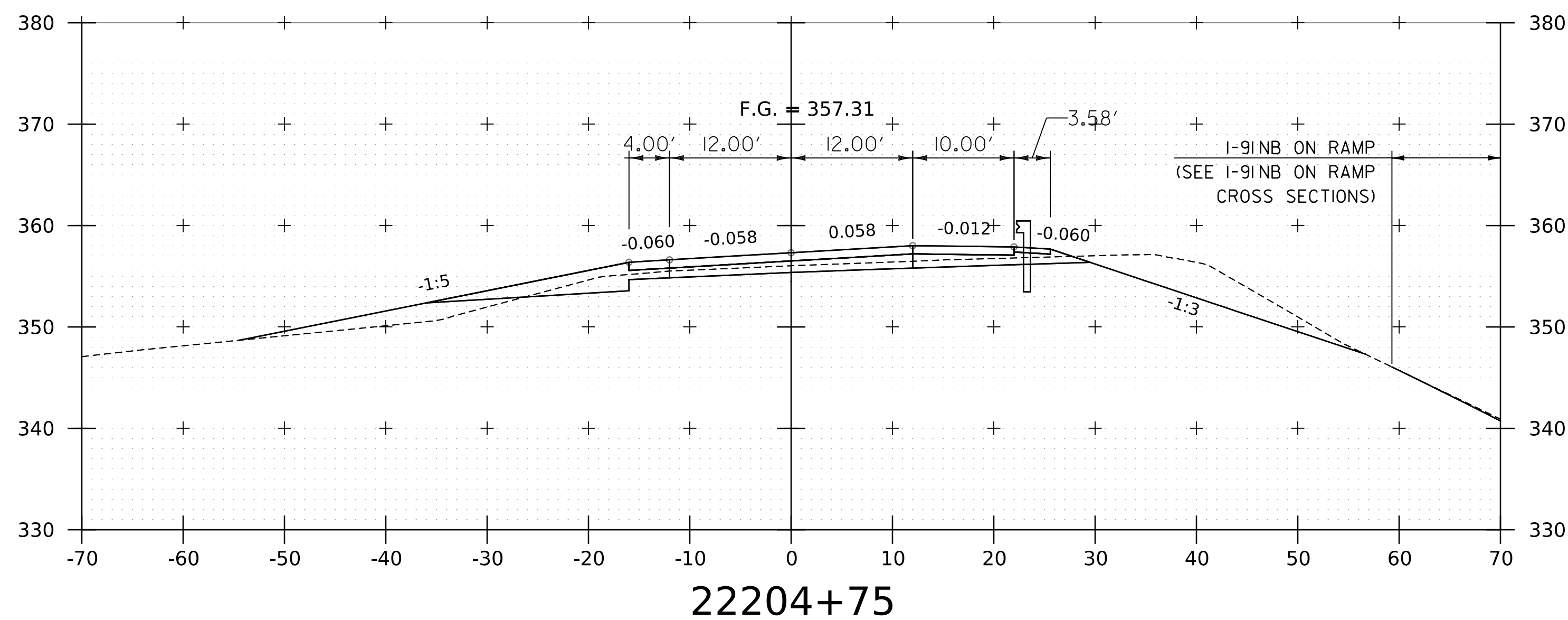
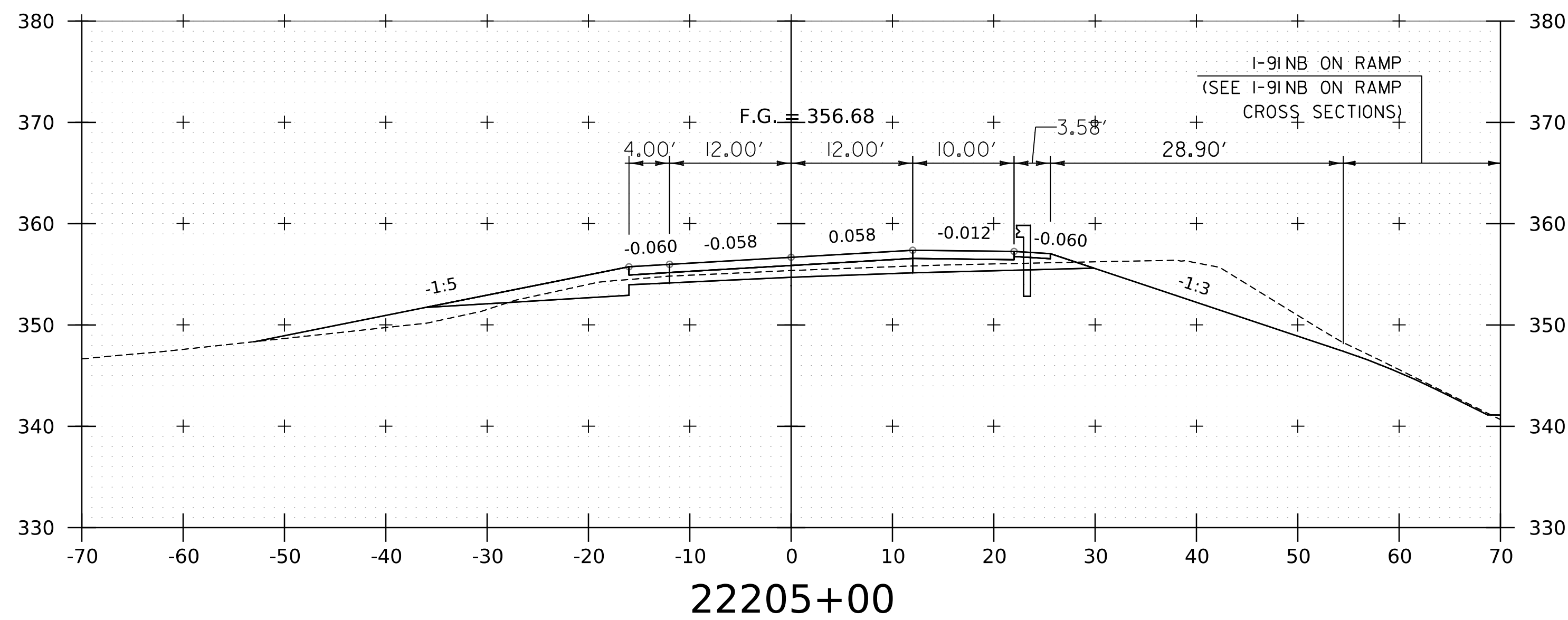
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_1-91_NB_28.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS 30

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 189 OF 439



WORKING PLANS FOR REFERENCE ONLY

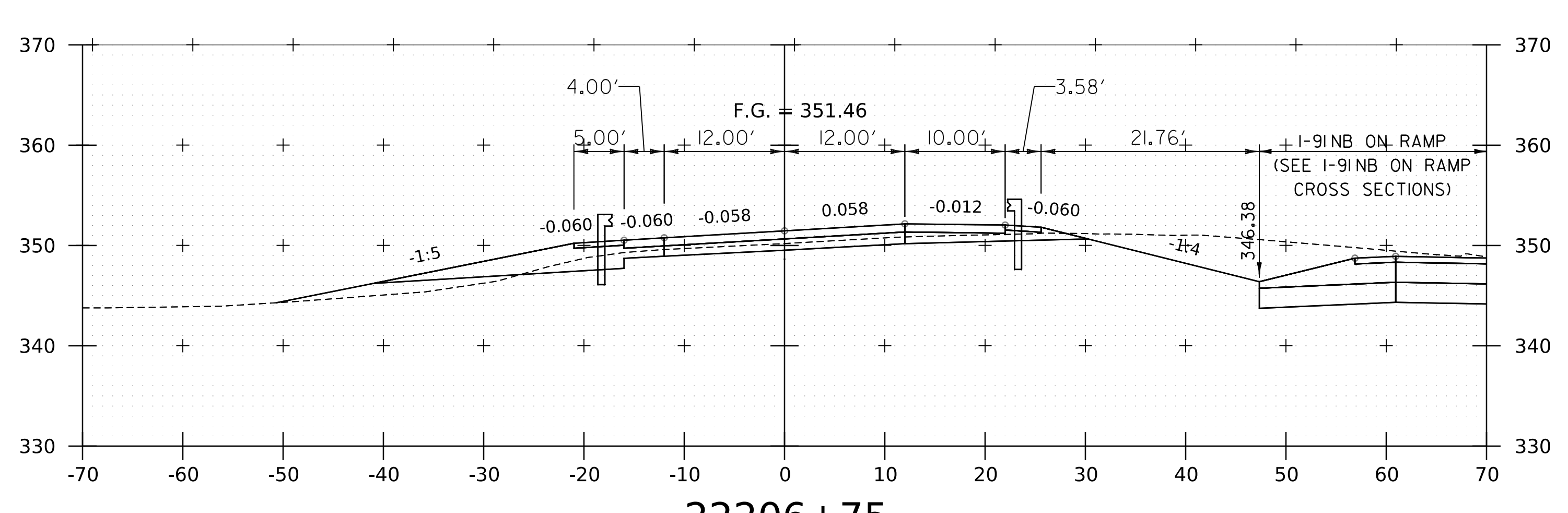
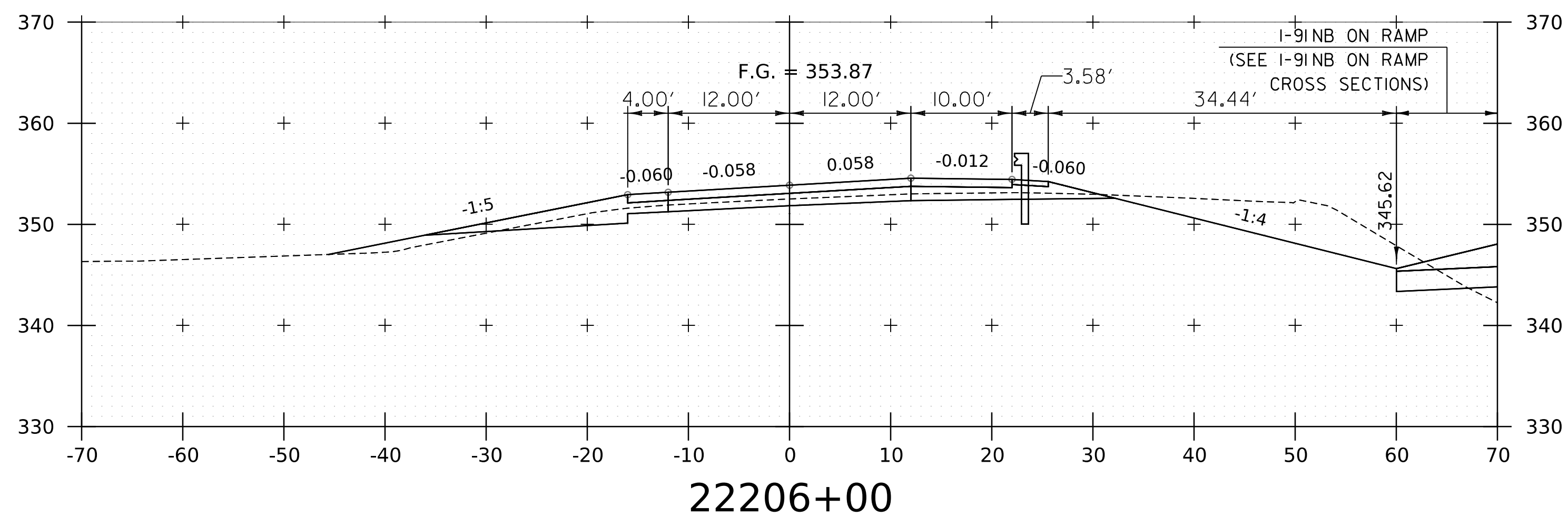
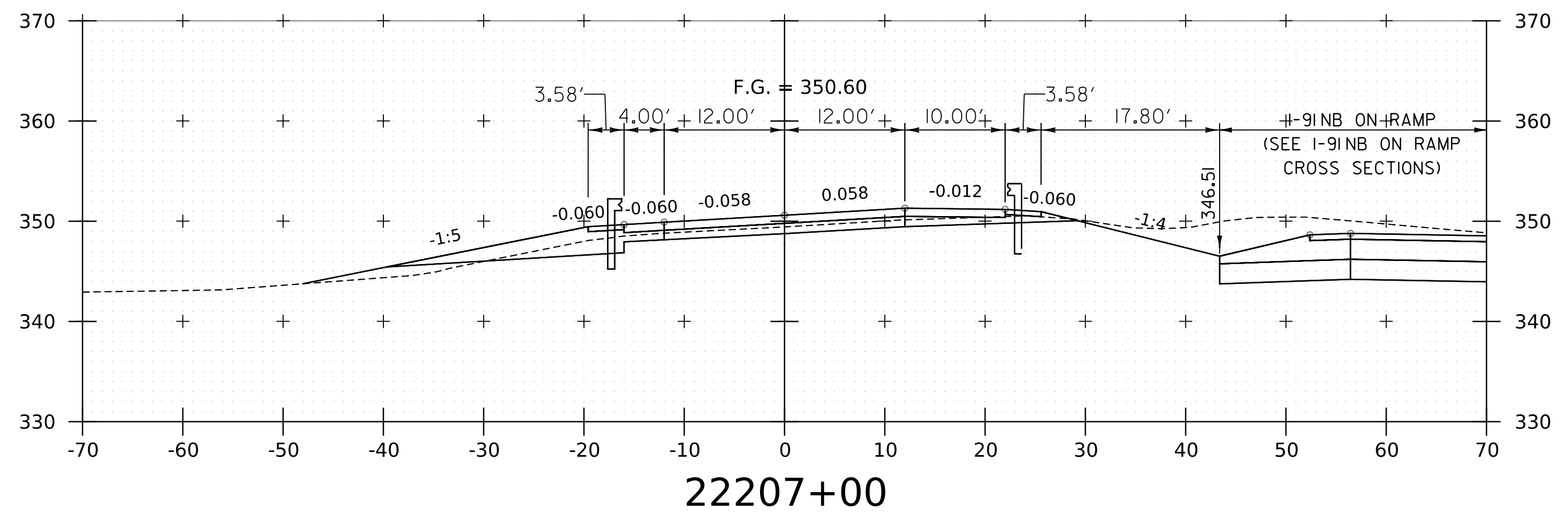
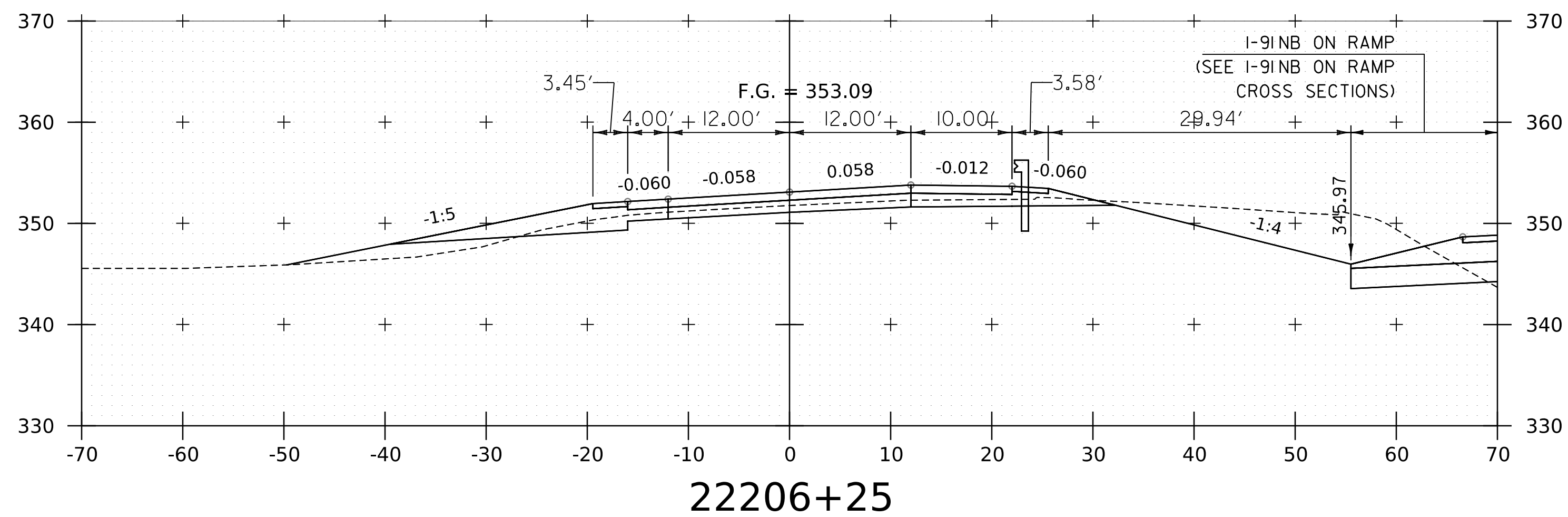
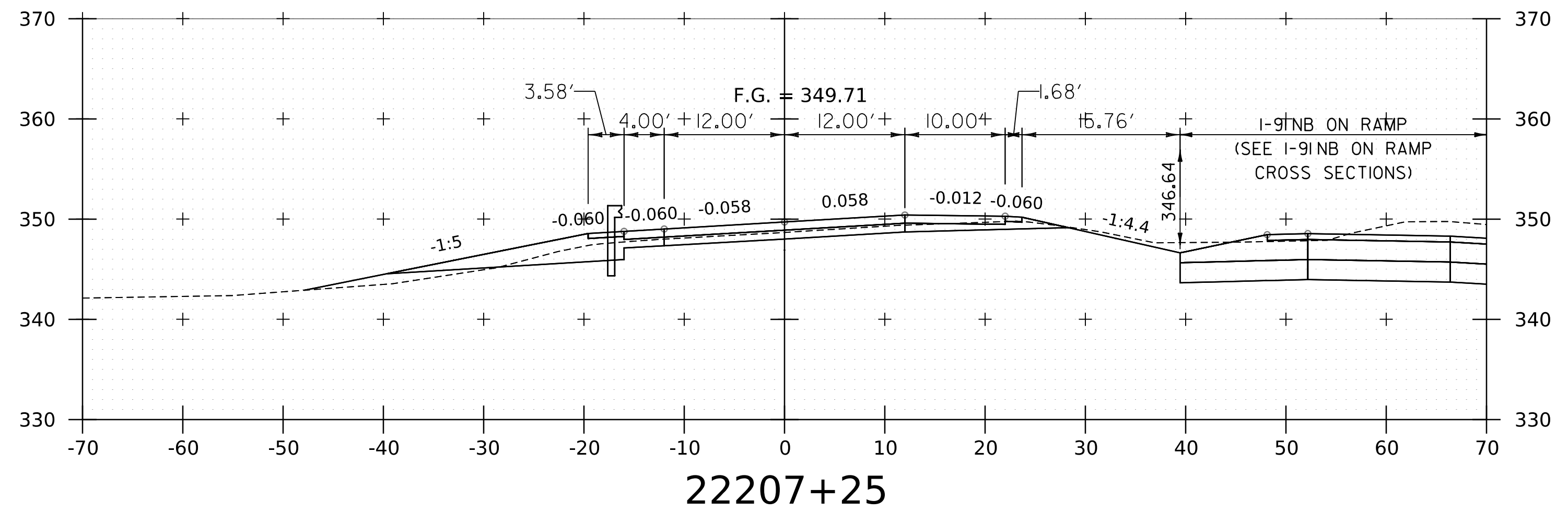
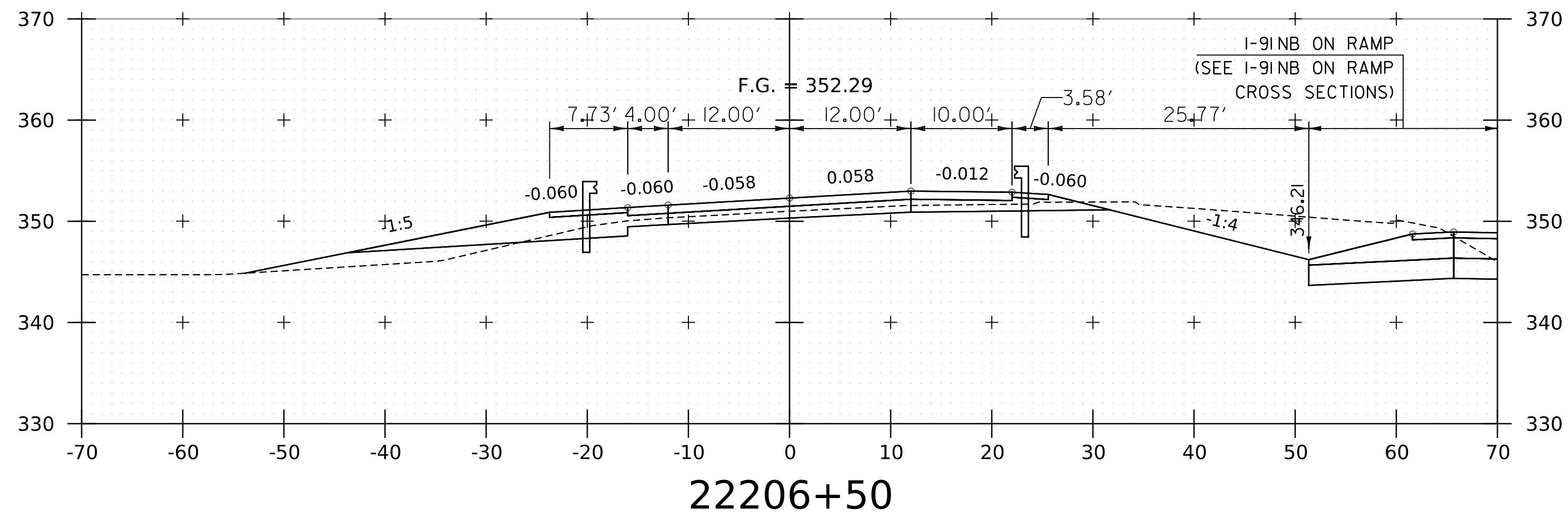


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 NB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91_NB.28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 NB CROSS SECTIONS 31		SHEET 190 OF 439



WORKING PLANS FOR REFERENCE ONLY

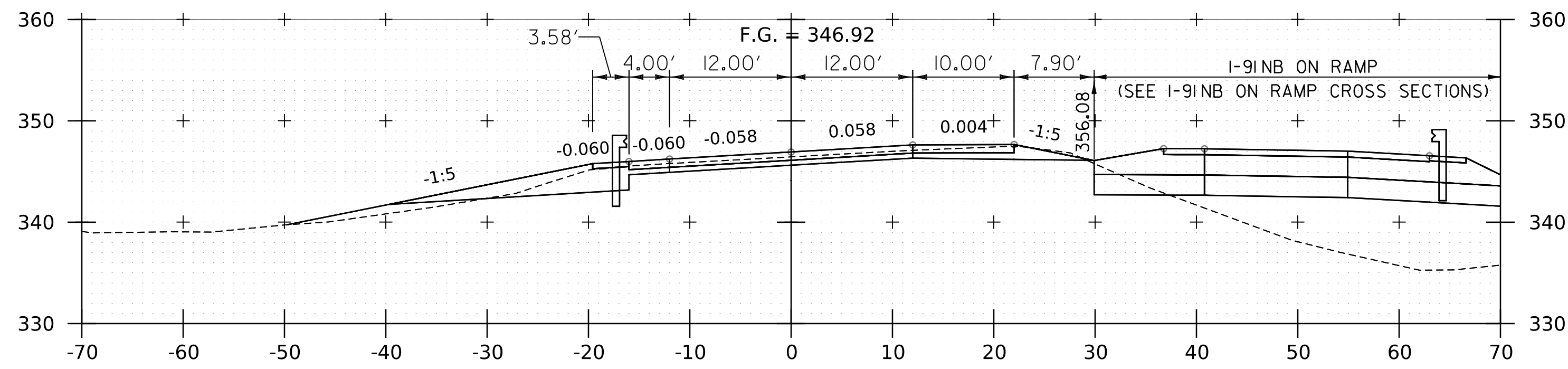


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR 1-91NB.

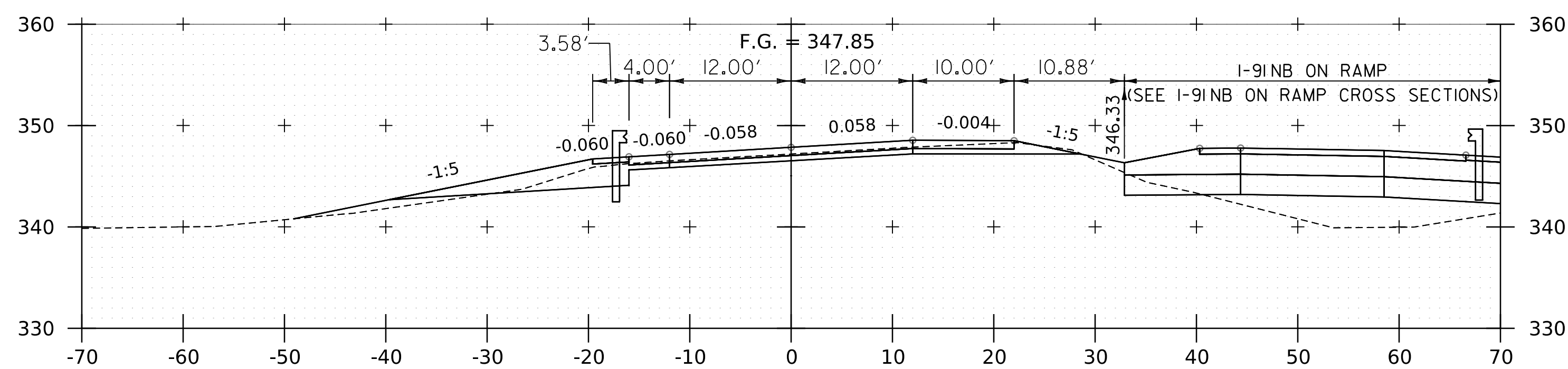
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_1-91_NB_28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		1-91NB CROSS SECTIONS:	32	SHEET:	191 OF 439



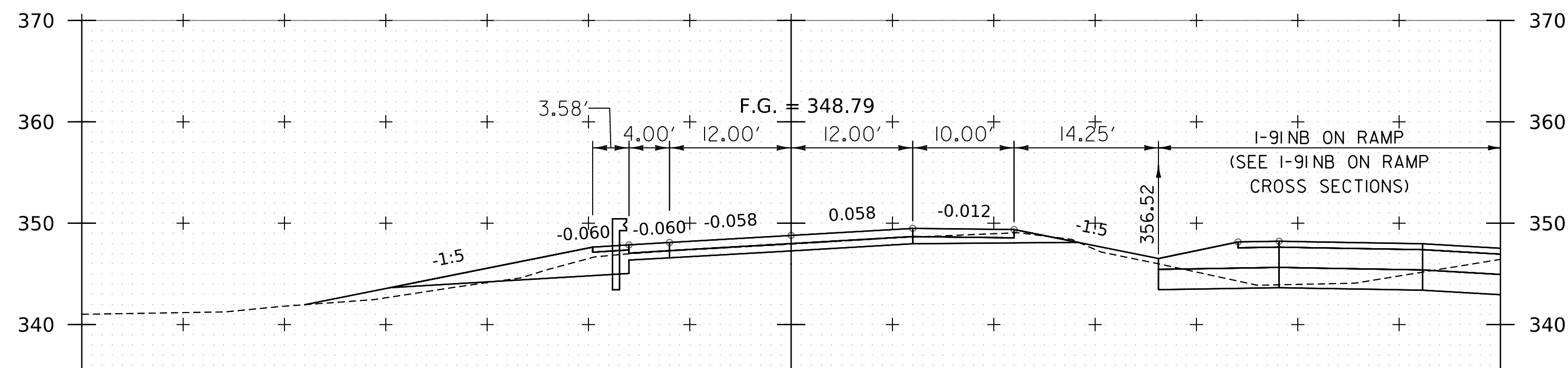
WORKING PLANS FOR REFERENCE ONLY



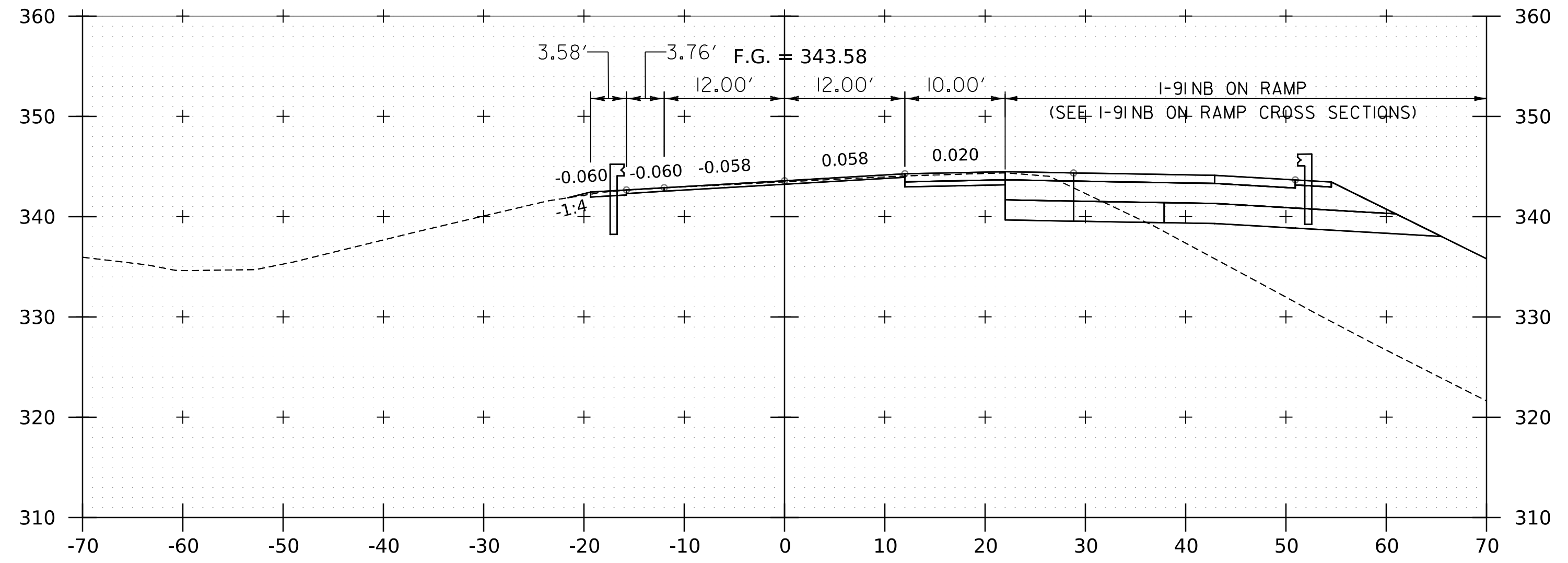
22208+00



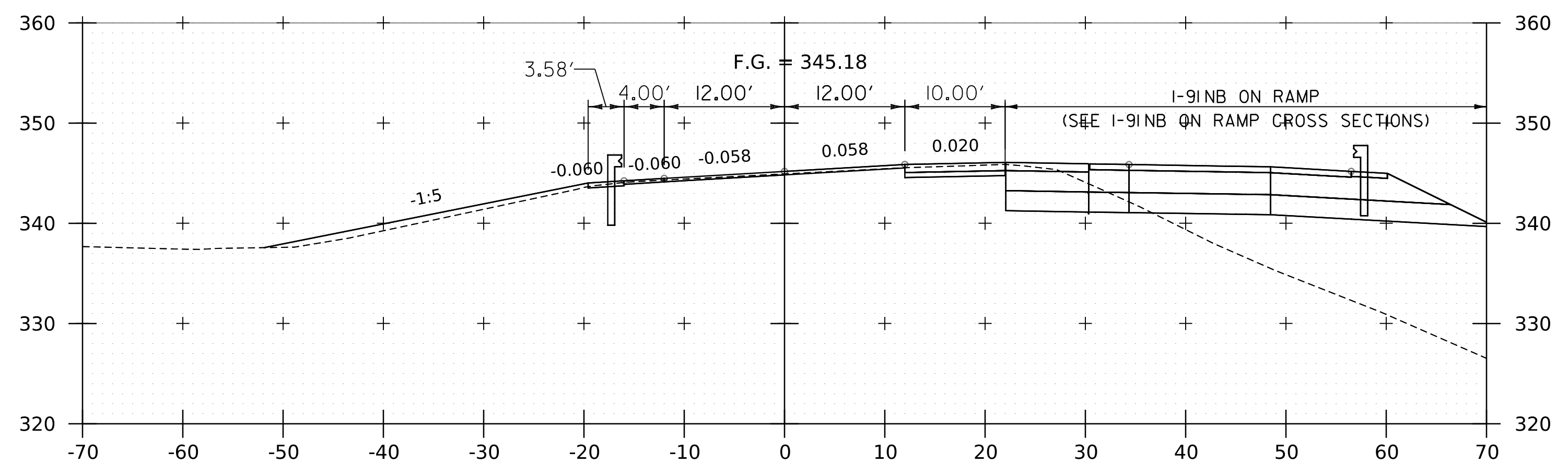
22207+75



22207+50

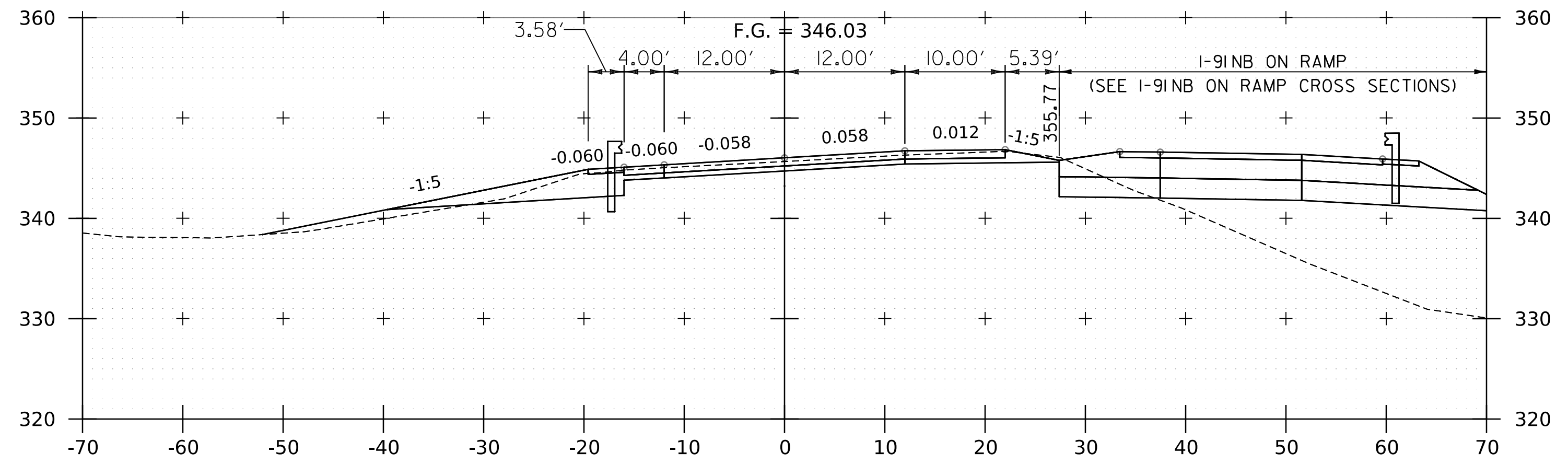


22209+00



22208+50

END NORTHBOUND PROJECT



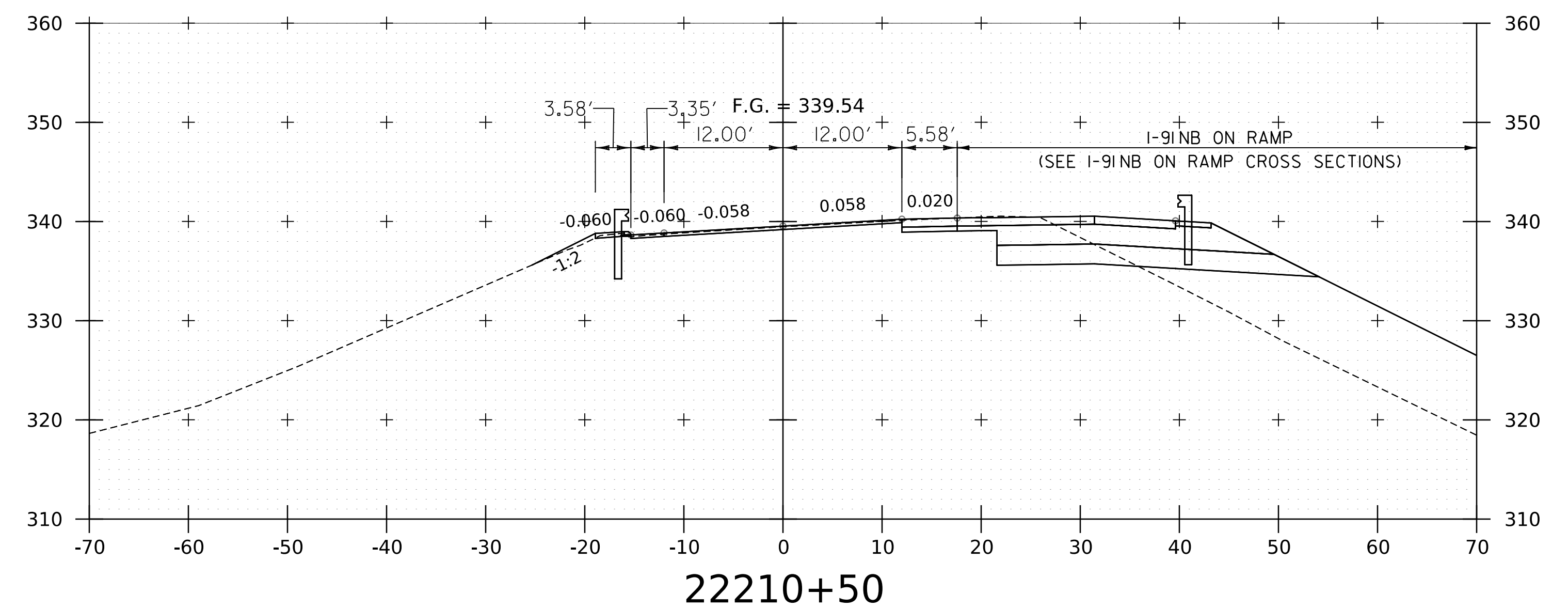
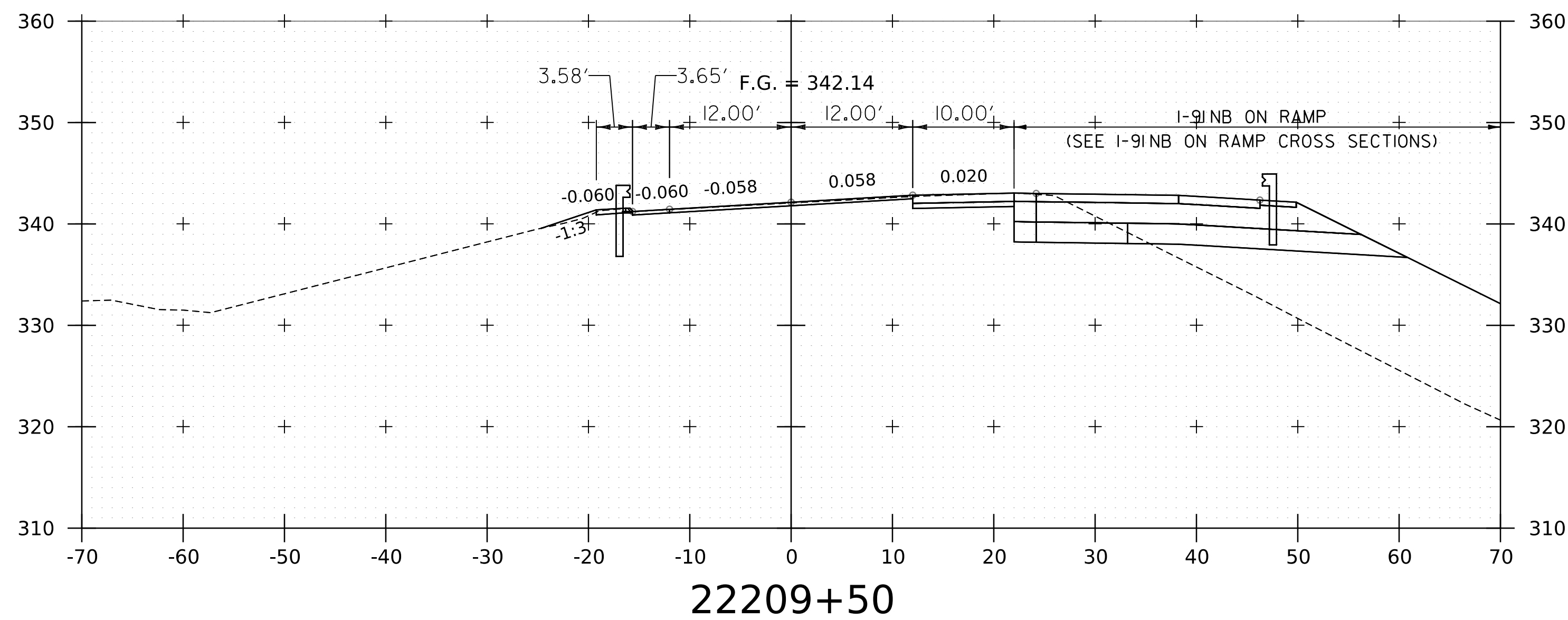
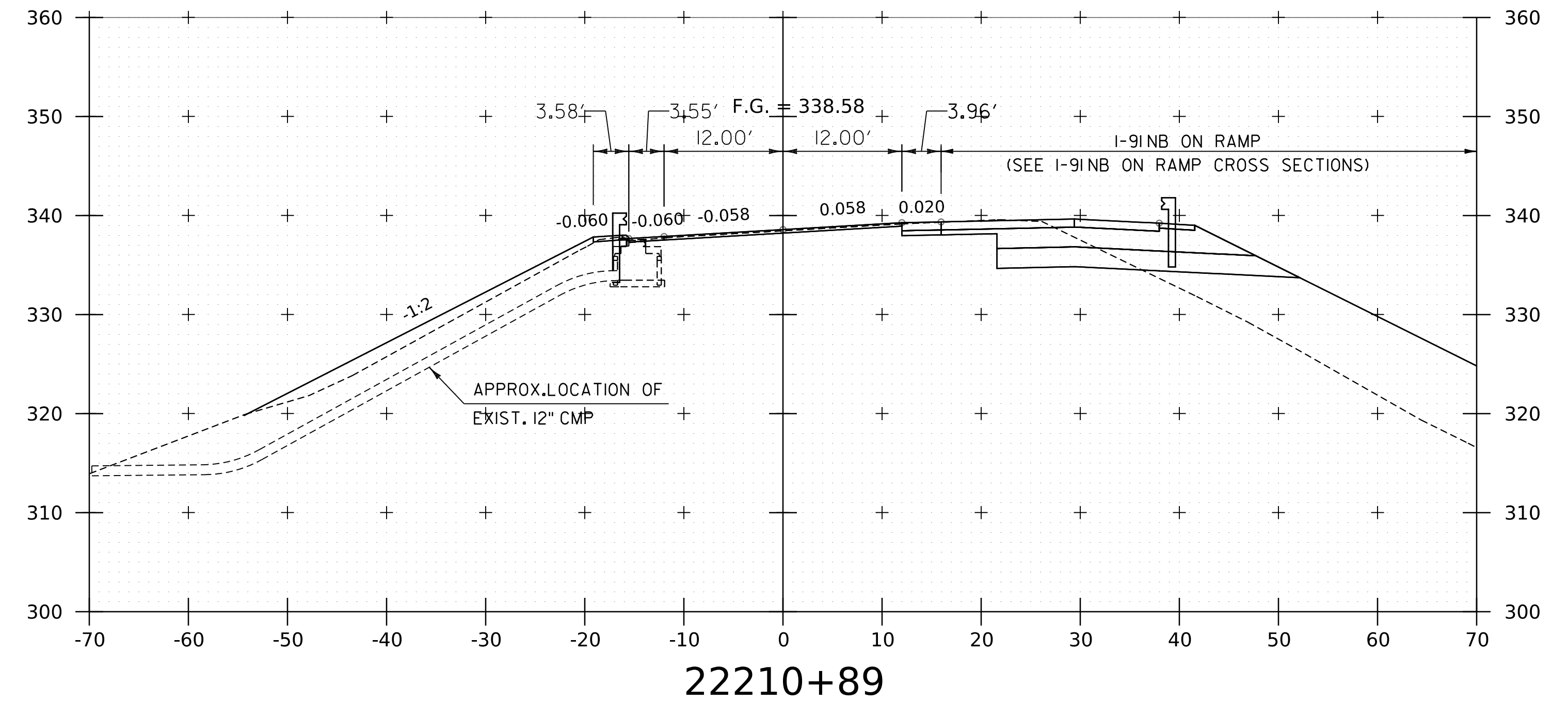
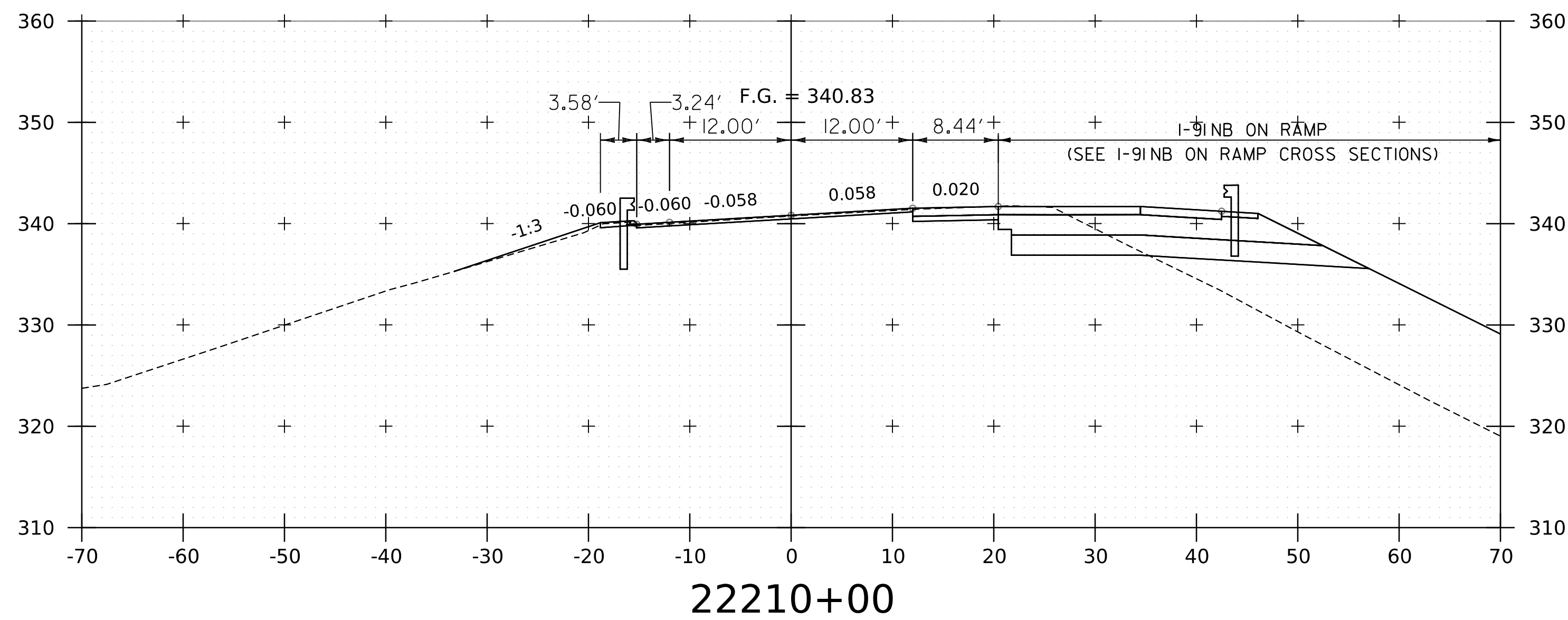
22208+25

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_28.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91NB CROSS SECTIONS	33	SHEET	192 OF 439

WORKING PLANS FOR REFERENCE ONLY

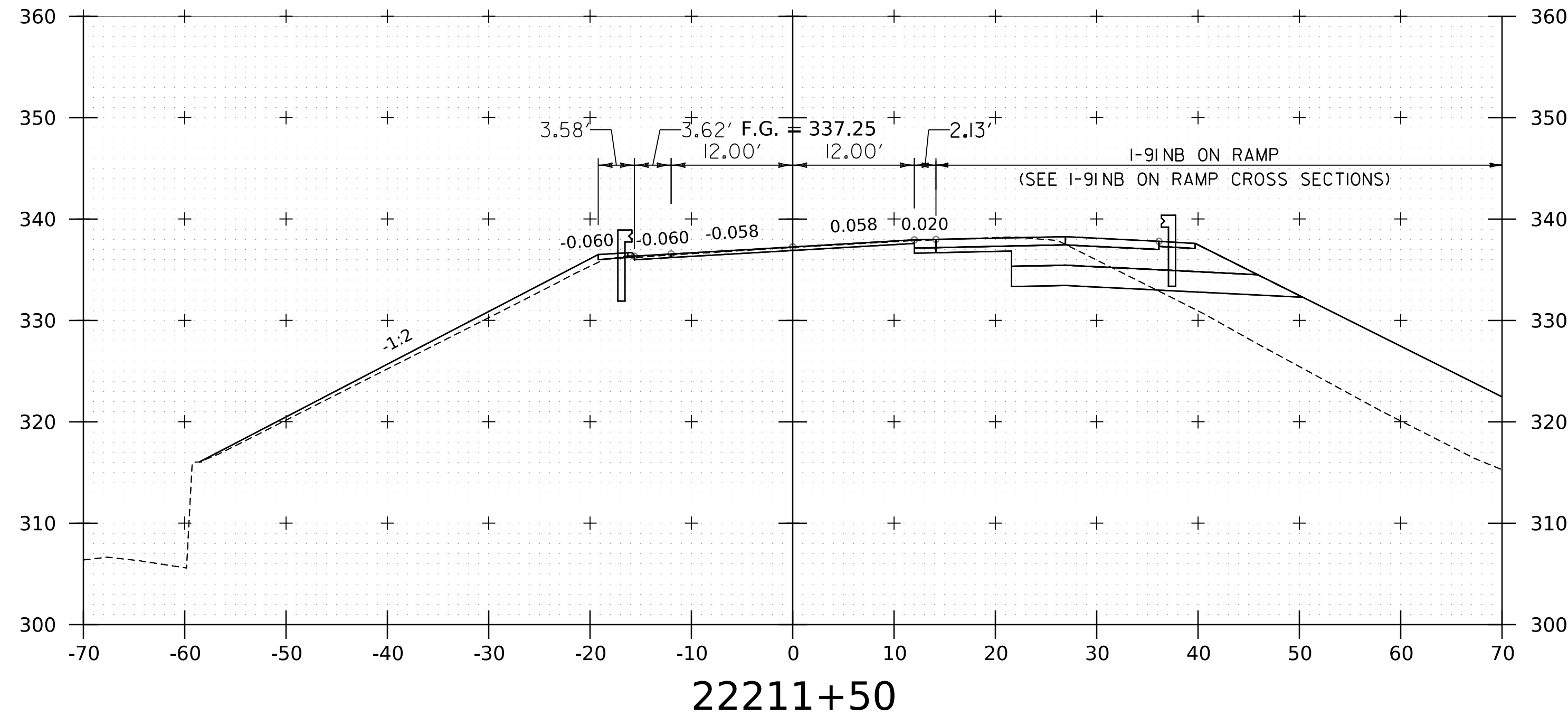
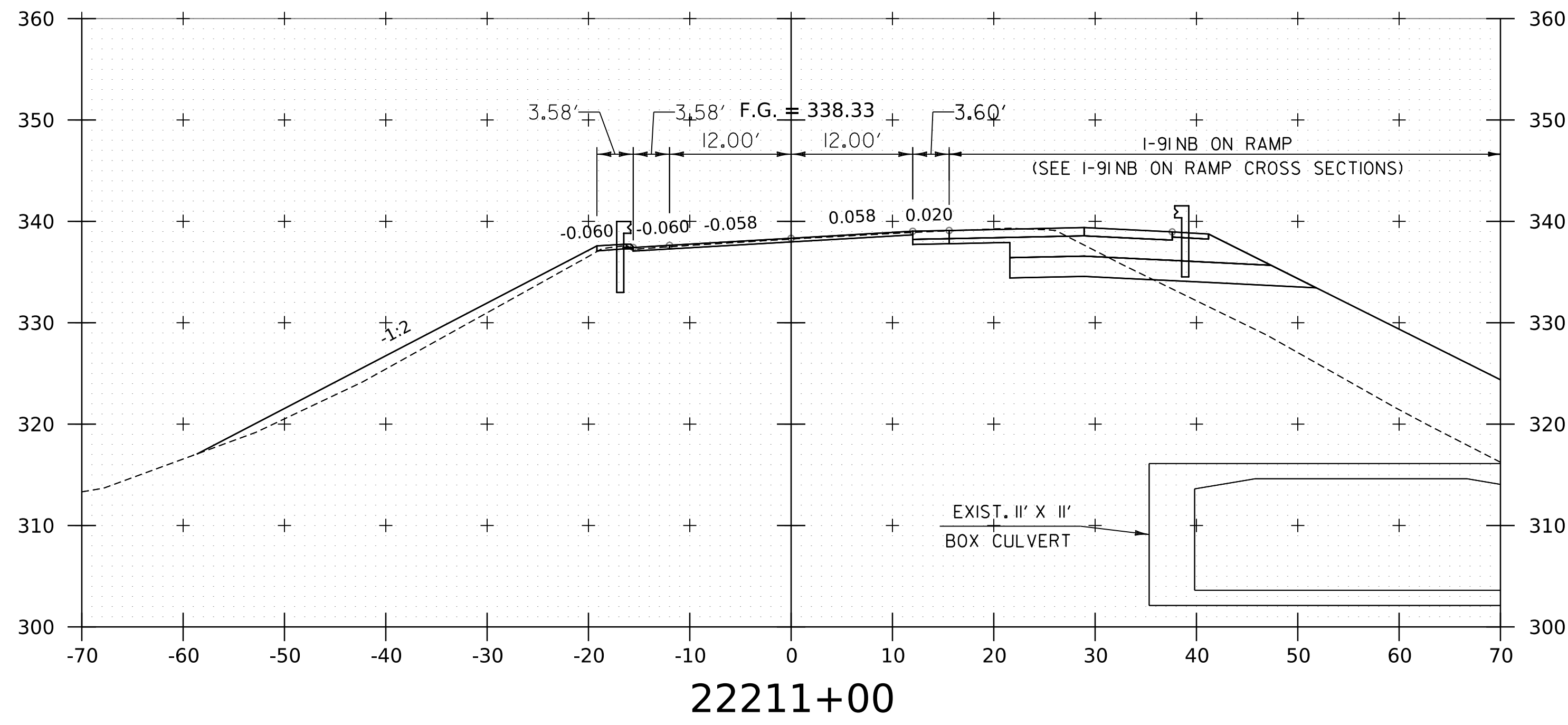
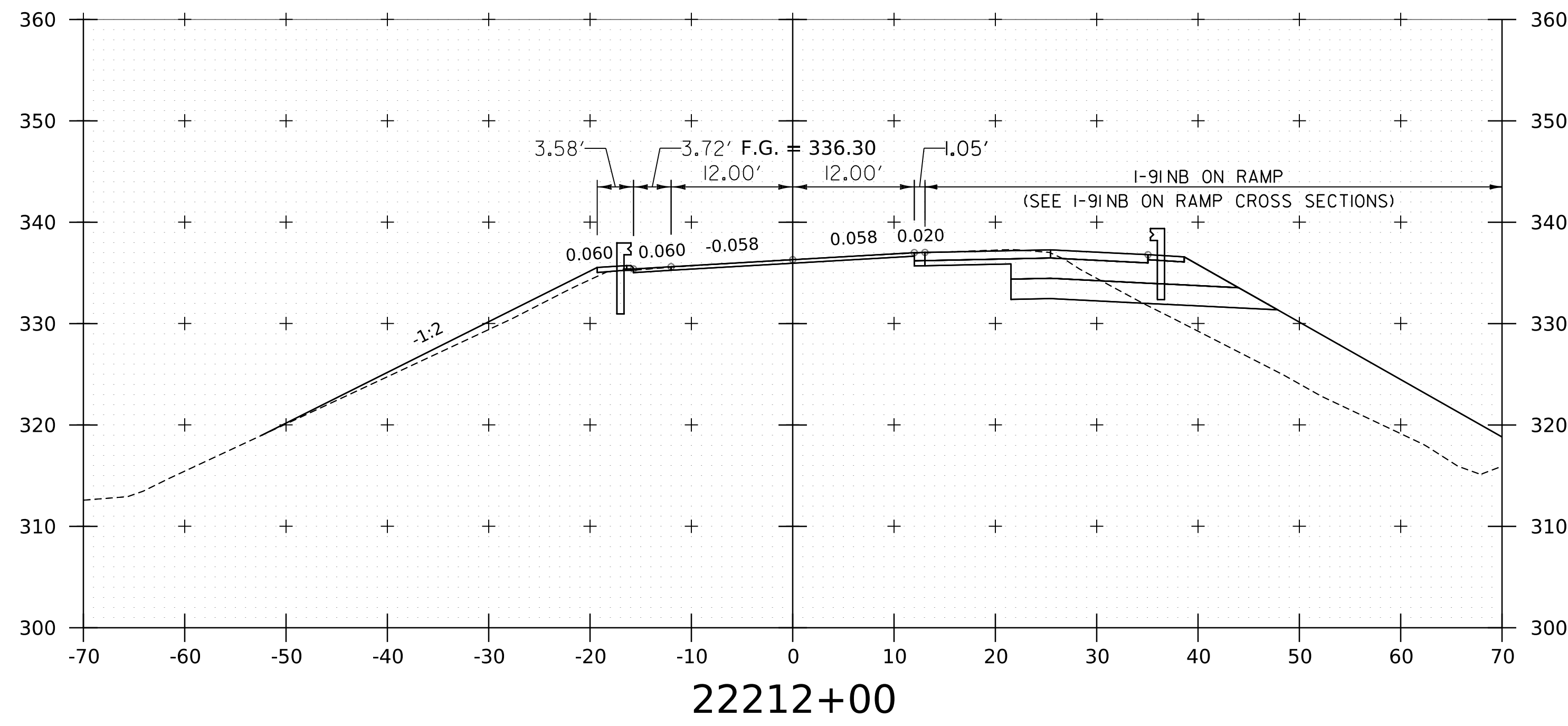
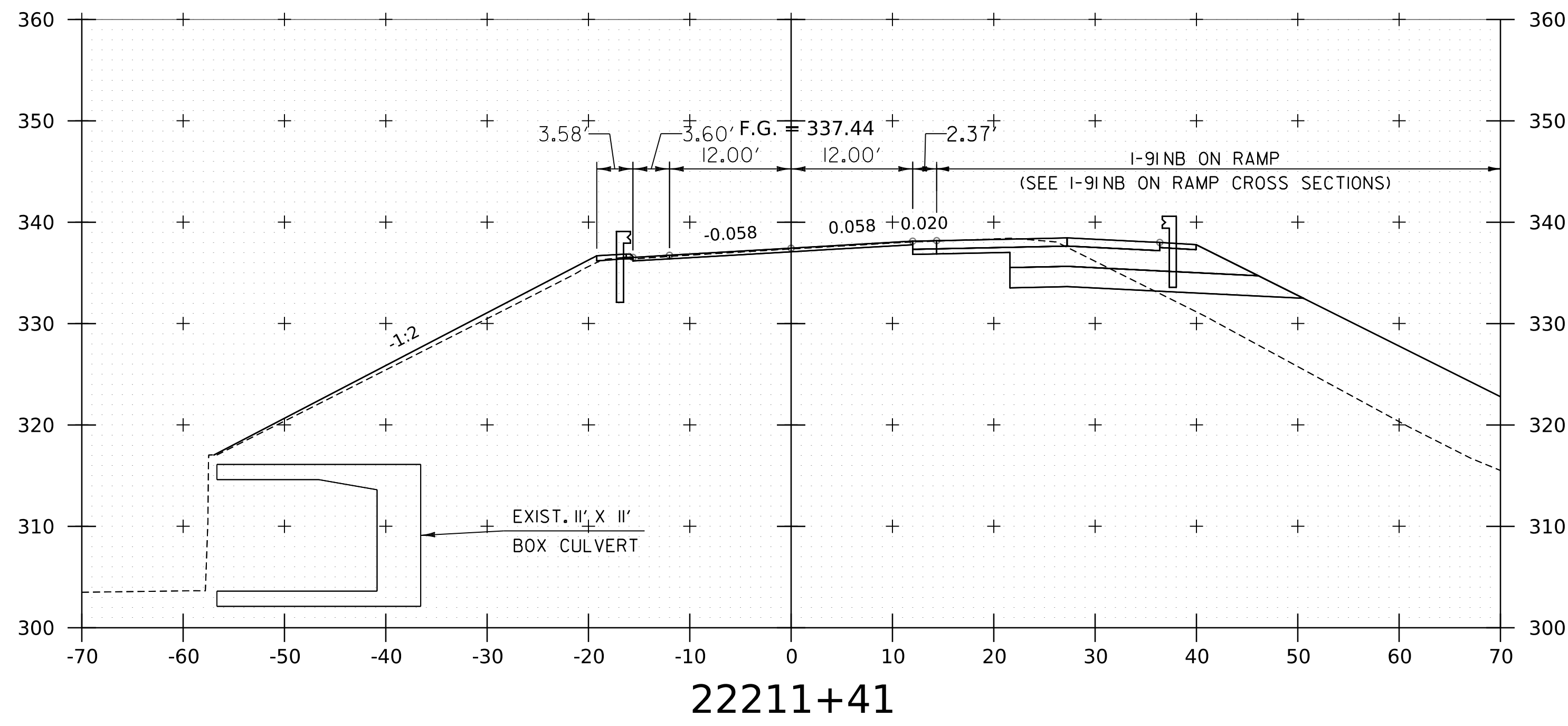


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_I-91_NB_28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 193 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 34	

WORKING PLANS FOR REFERENCE ONLY

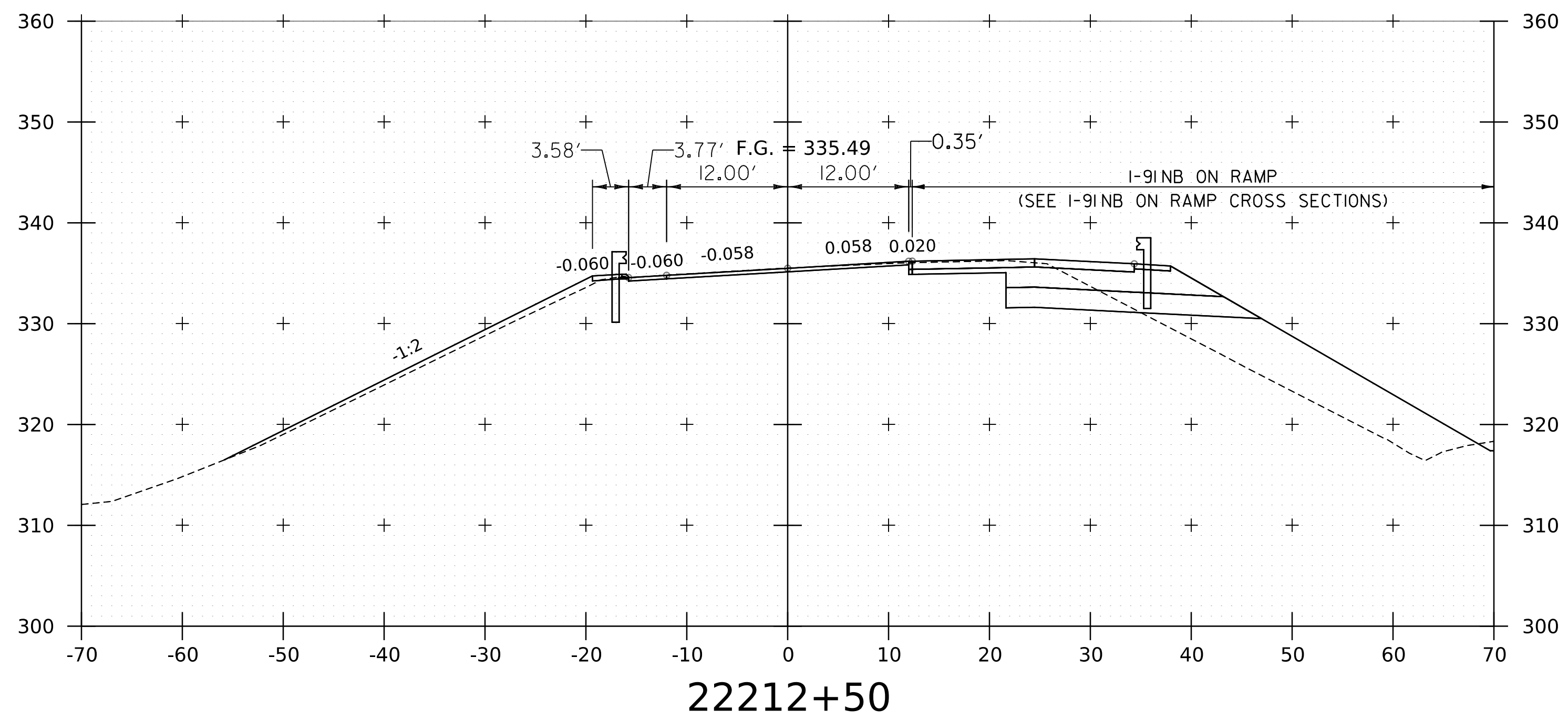
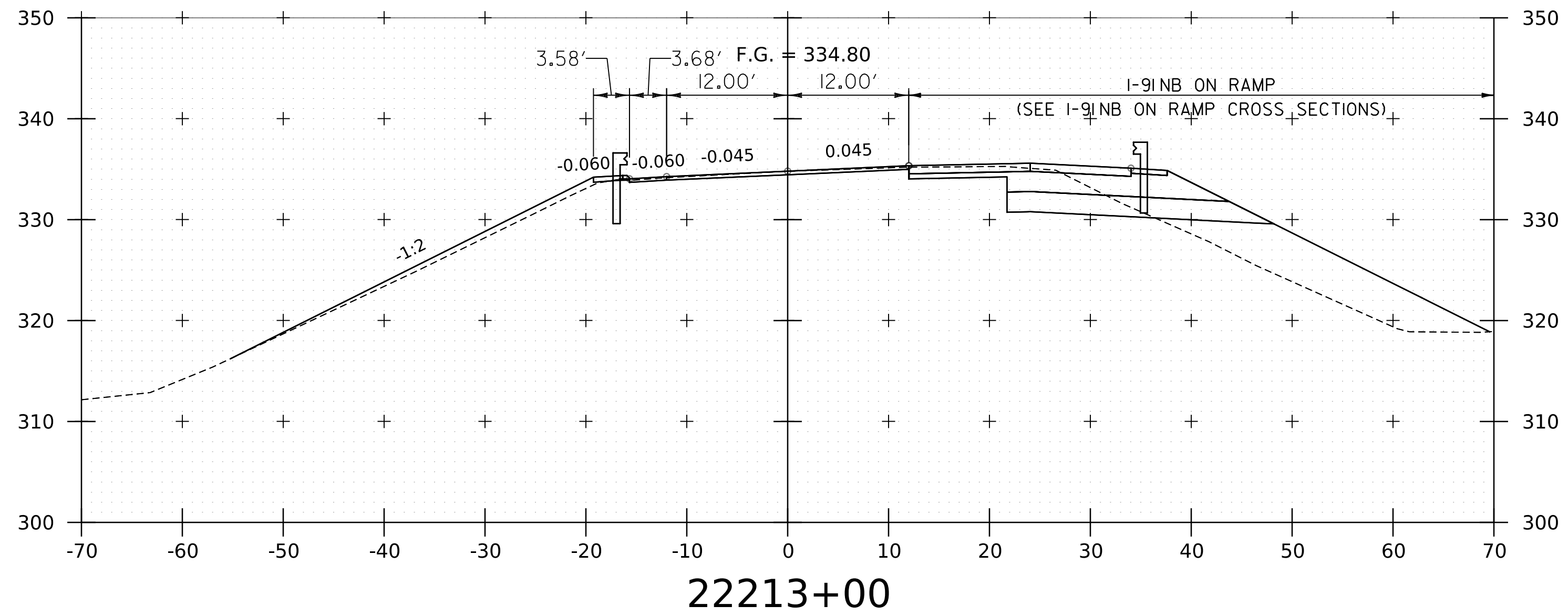


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_28.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND		
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS	35	SHEET	194 OF 439



WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

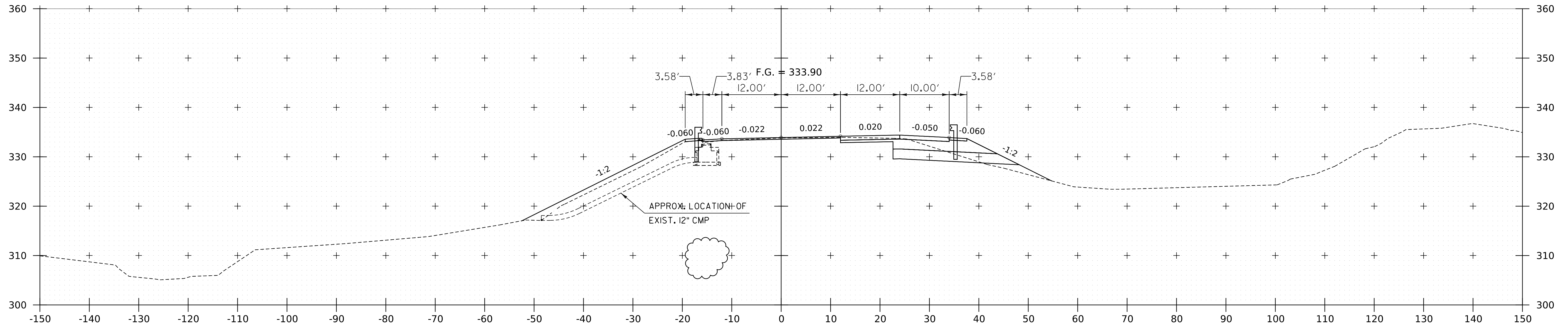
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_1-91_NB_28.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS 36

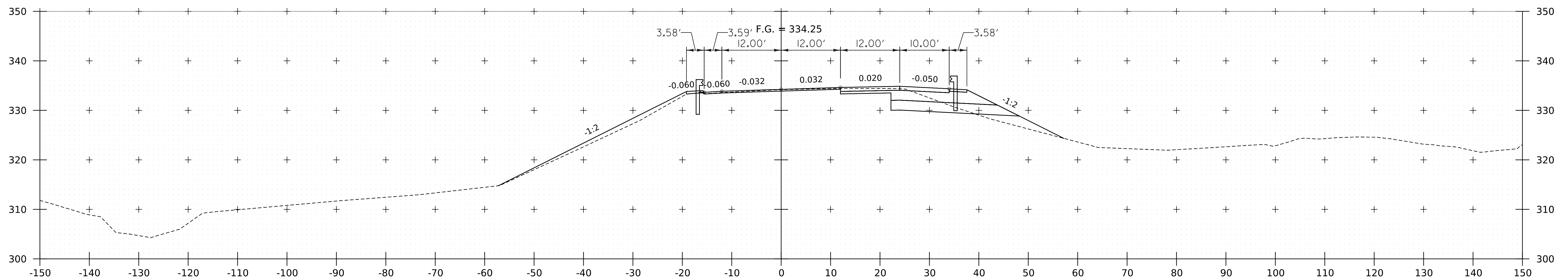
PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 195 OF 439



WORKING PLANS FOR REFERENCE ONLY



22213+89



22213+50

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

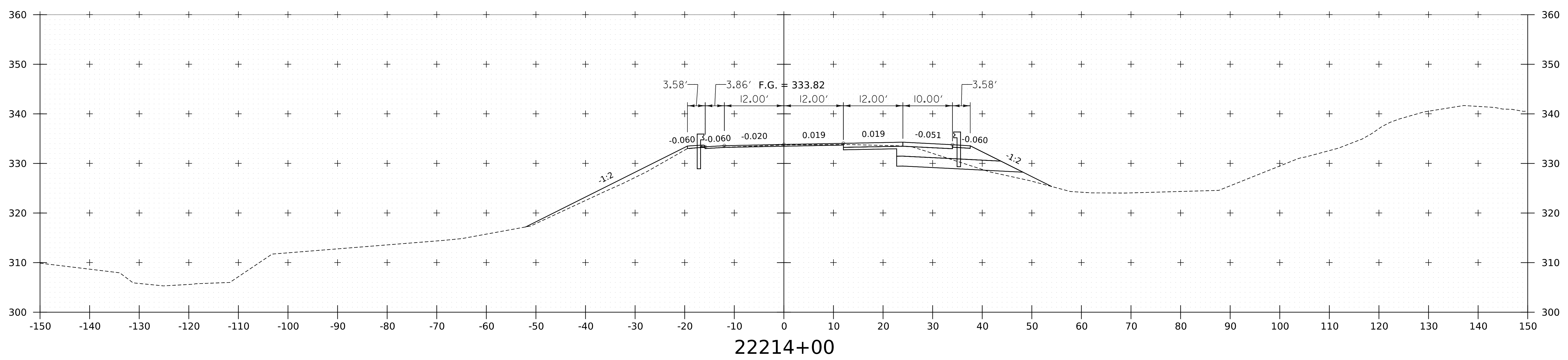
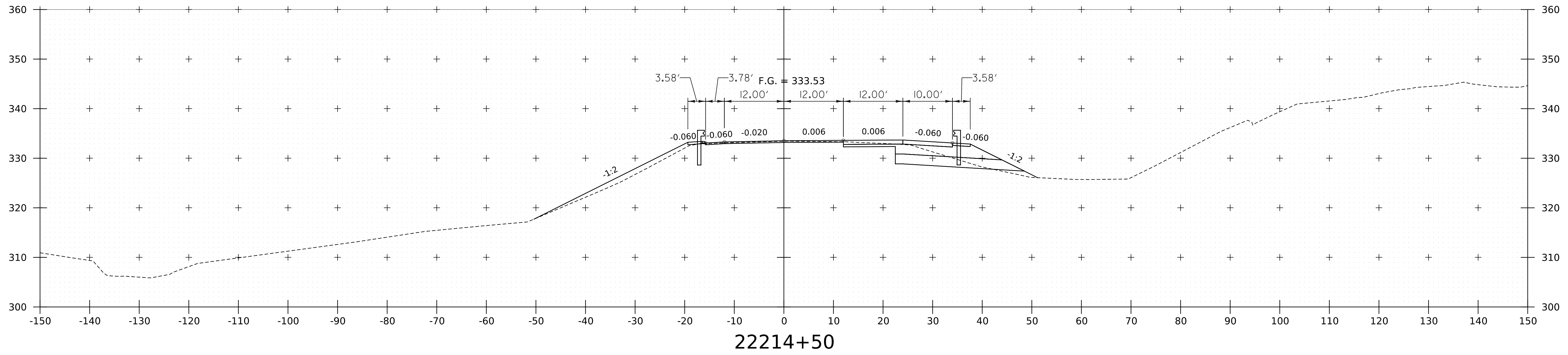
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs.1-91NB.28.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91NB CROSS SECTIONS 37

PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 196 OF 439



WORKING PLANS FOR REFERENCE ONLY

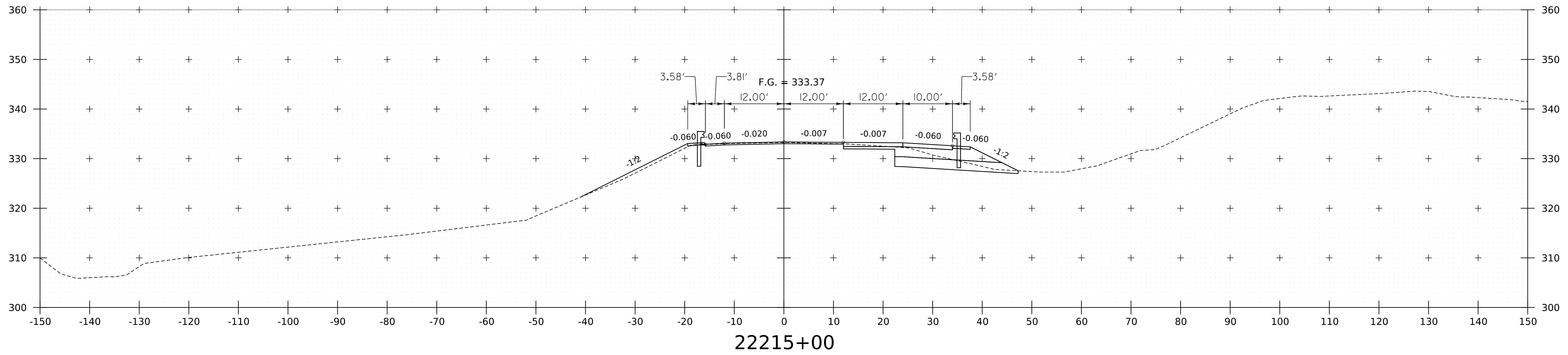
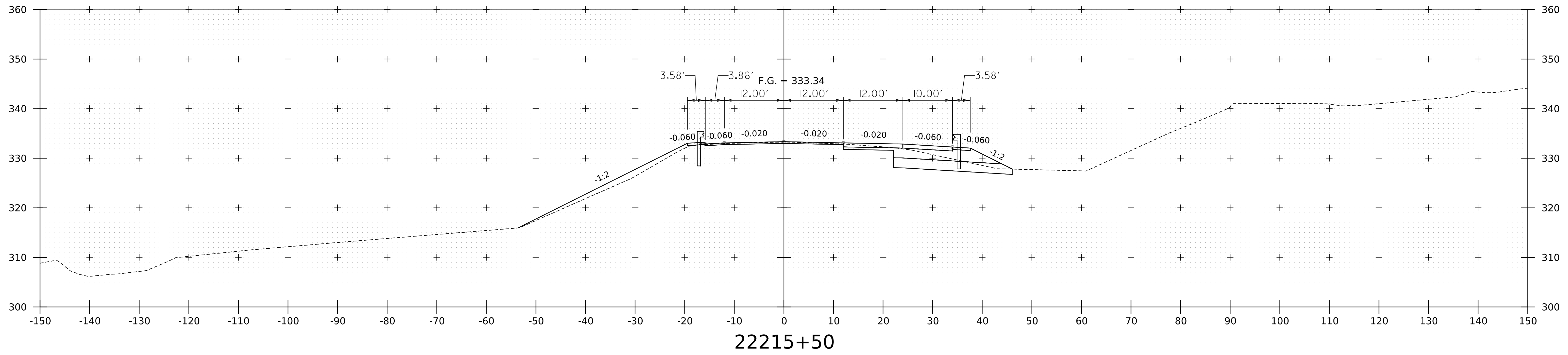


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_1-91_NB_28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 197 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 38	

WORKING PLANS FOR REFERENCE ONLY

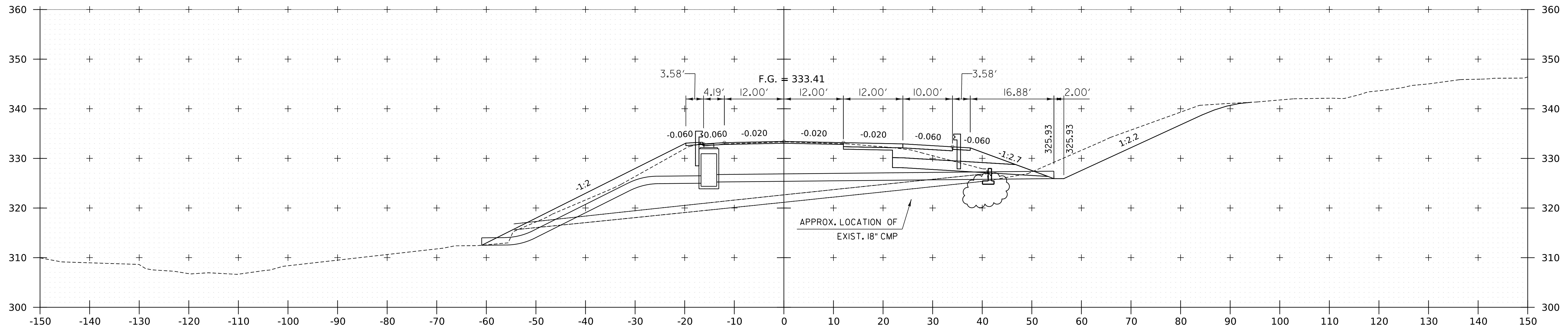


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

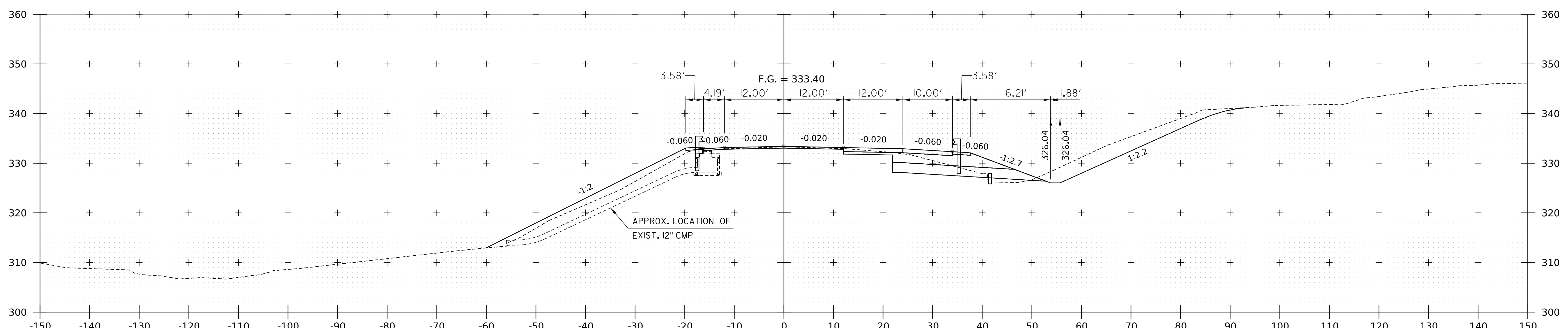


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_1-91_NB_28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 198 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 39	

WORKING PLANS FOR REFERENCE ONLY



22215+90



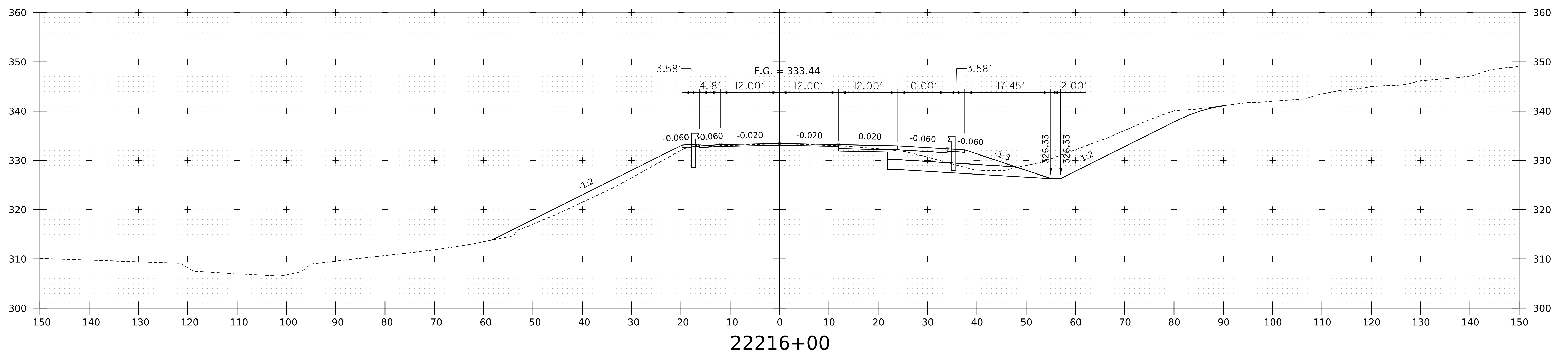
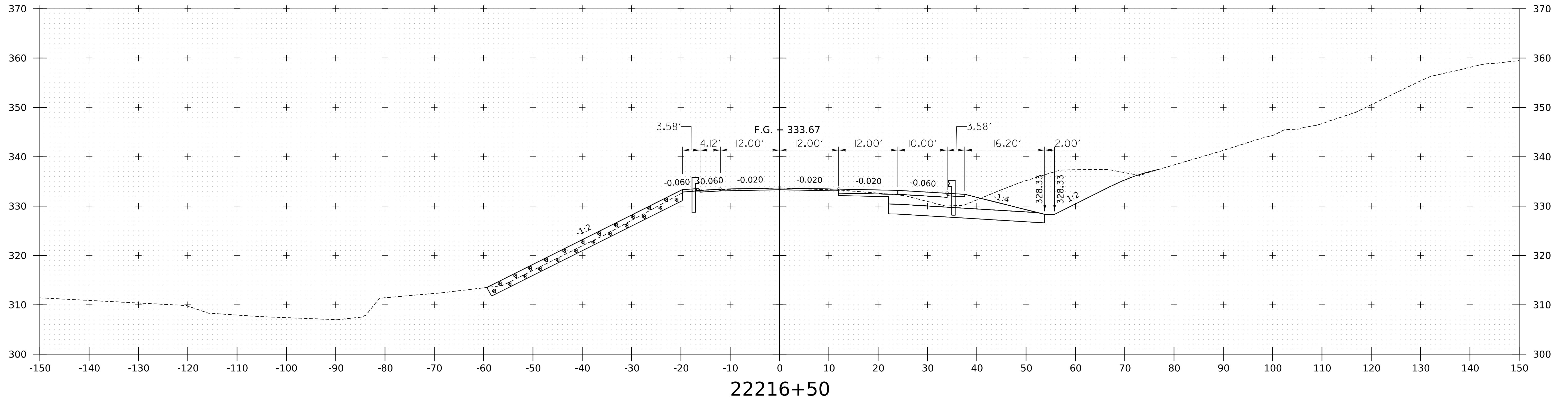
22215+88

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 199 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 40	

WORKING PLANS FOR REFERENCE ONLY

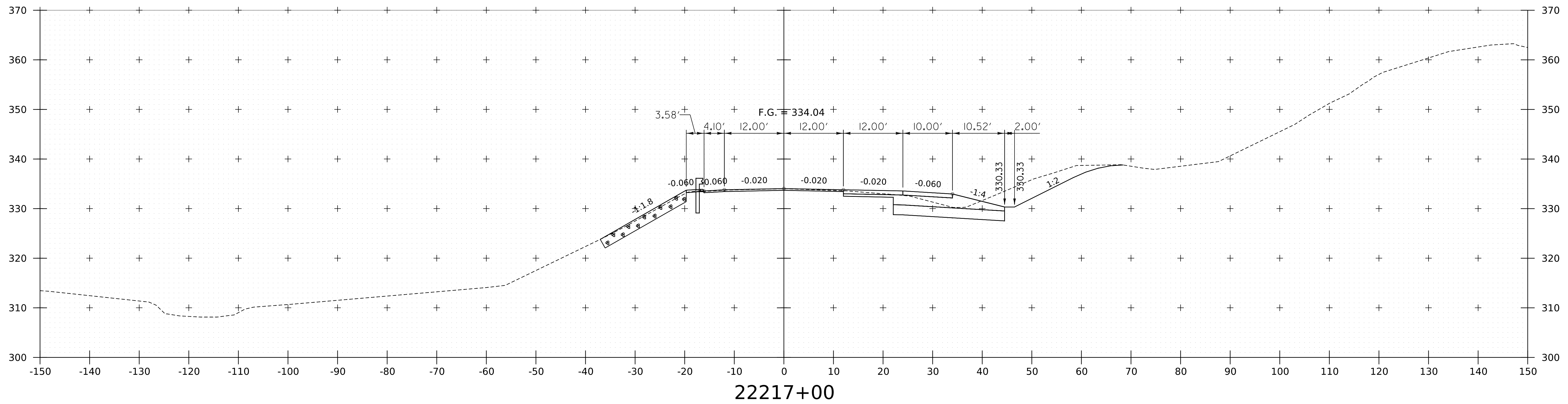
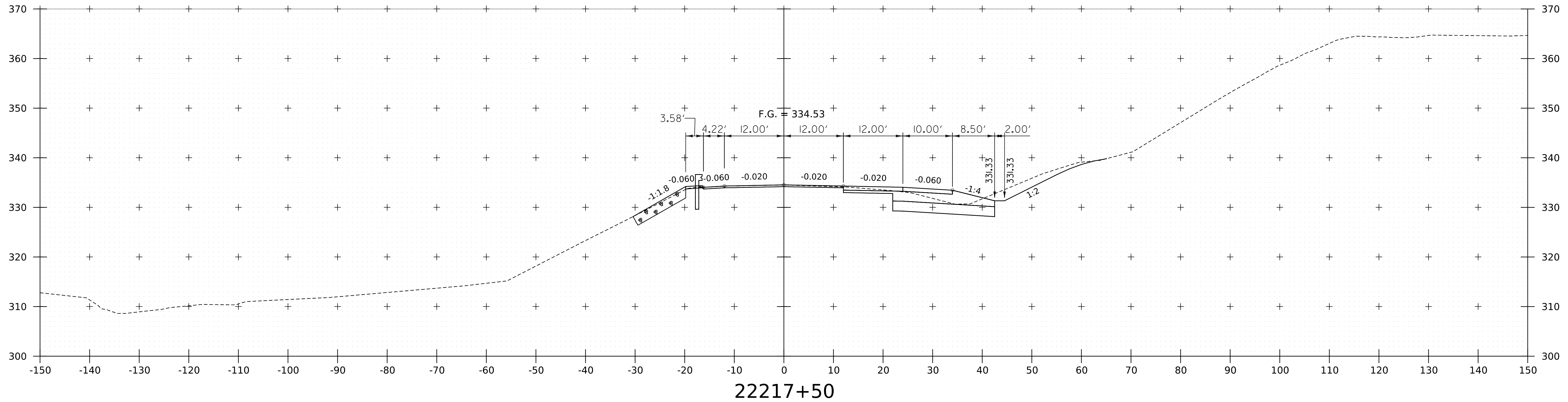


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 200 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 4I	

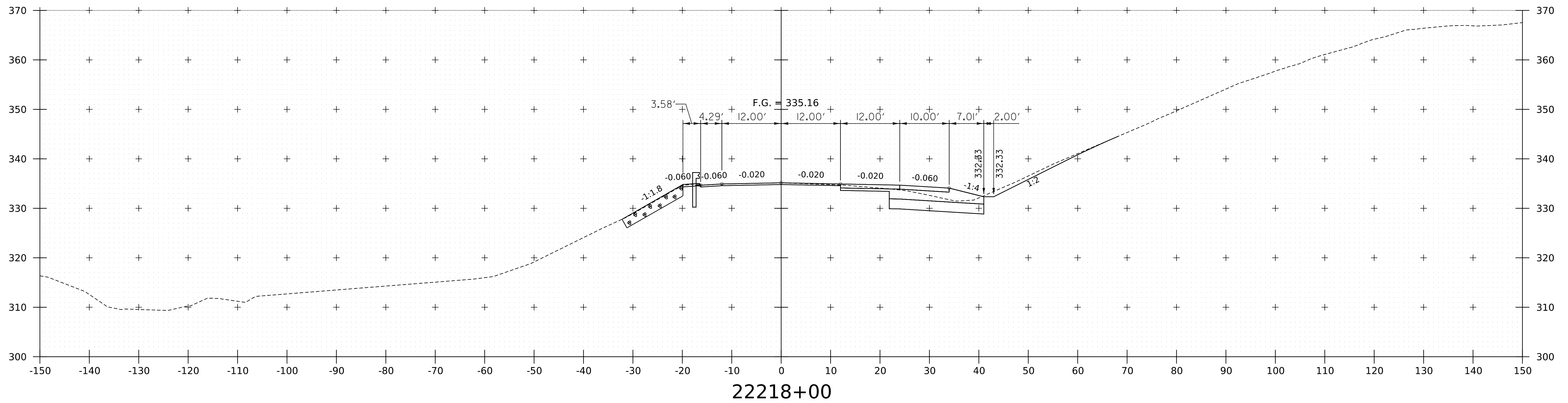
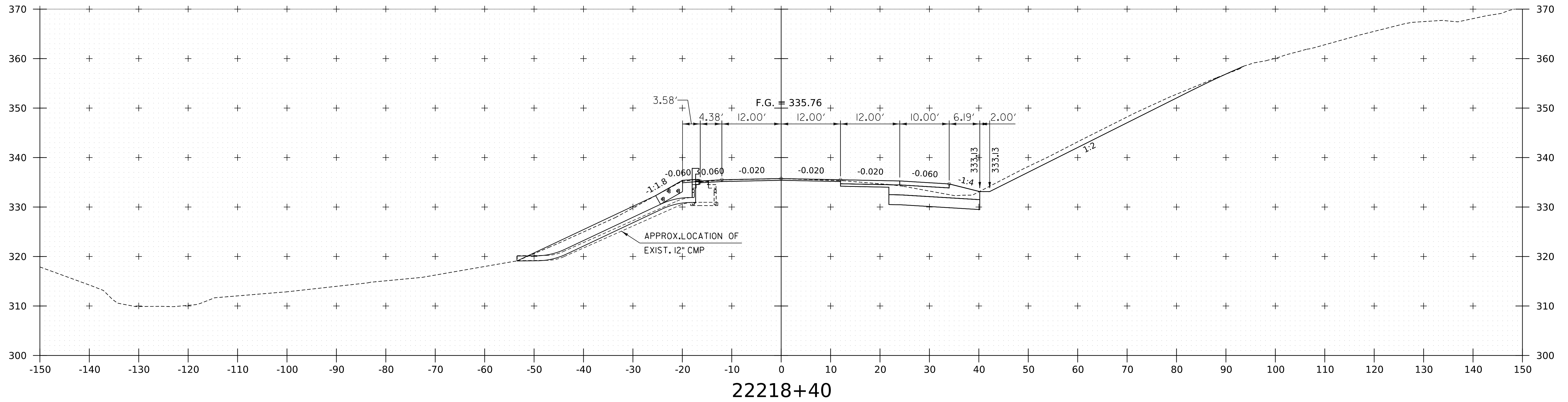
WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 201 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 42	



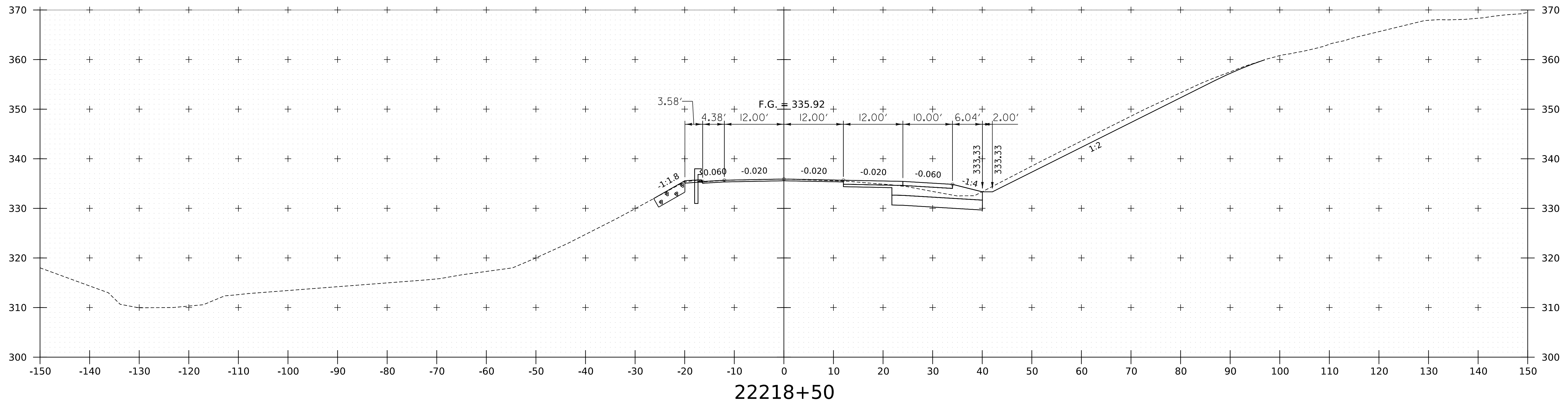
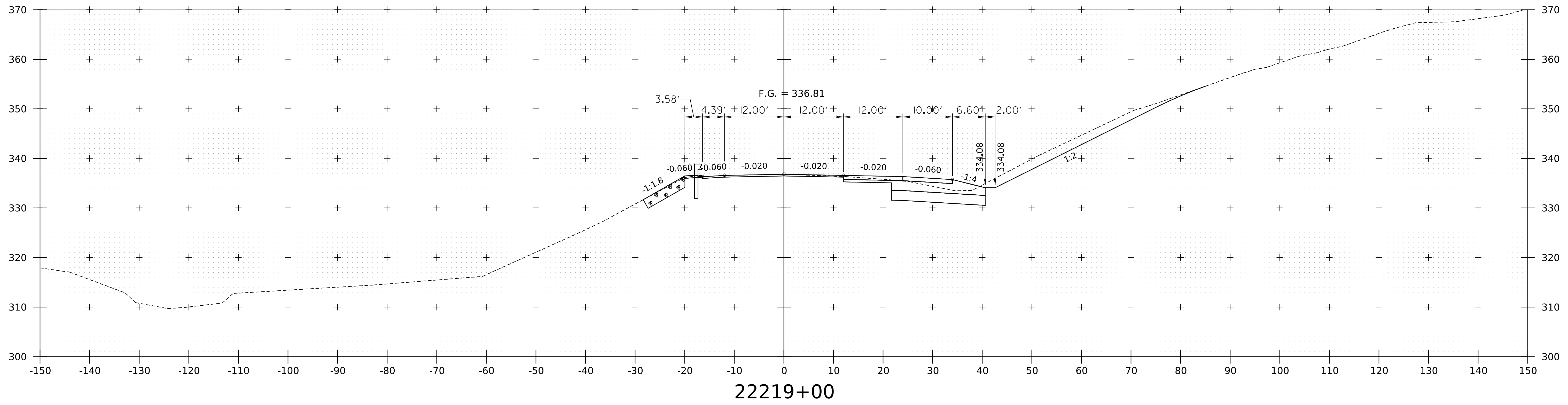
WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.1-91NB.28.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	202 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS	43		



WORKING PLANS FOR REFERENCE ONLY

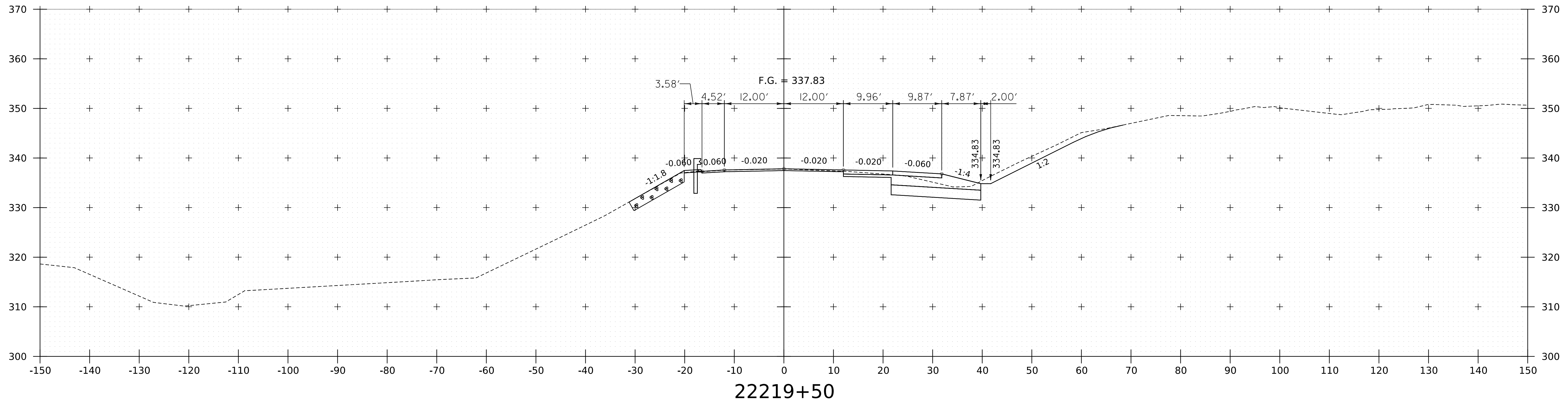
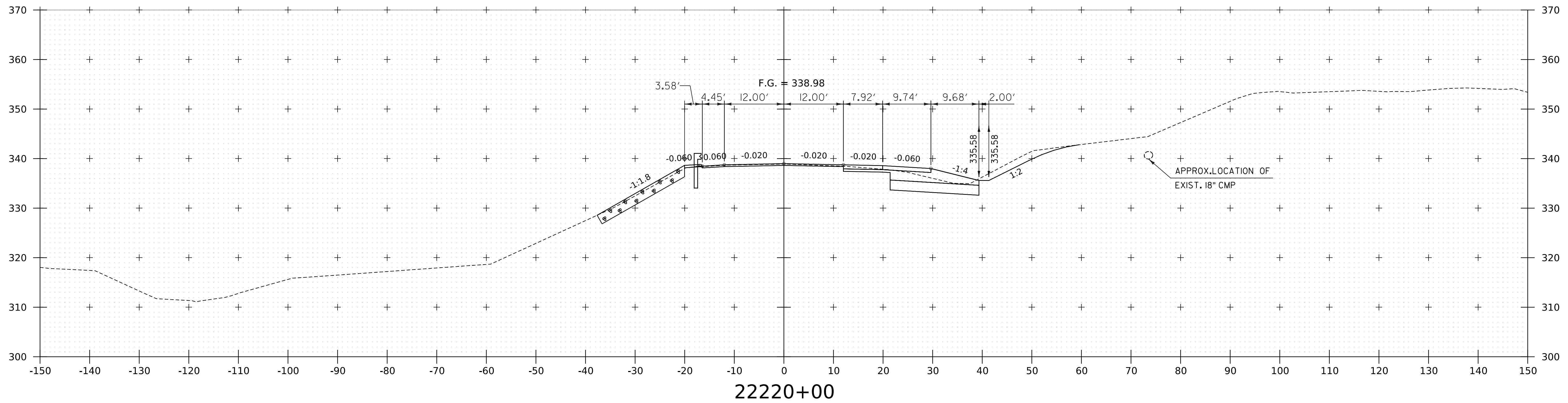


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 203 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 44	

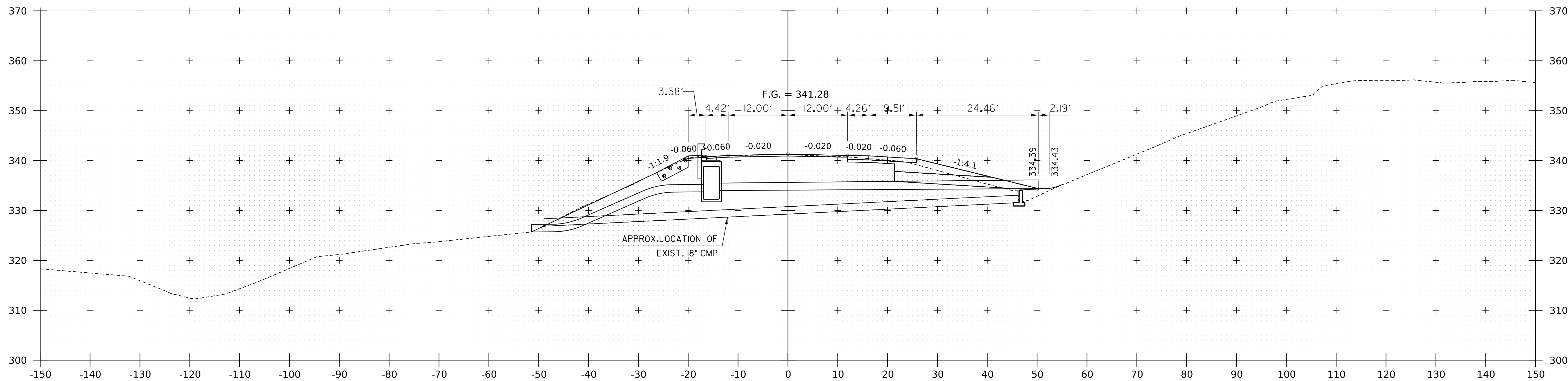
WORKING PLANS FOR REFERENCE ONLY



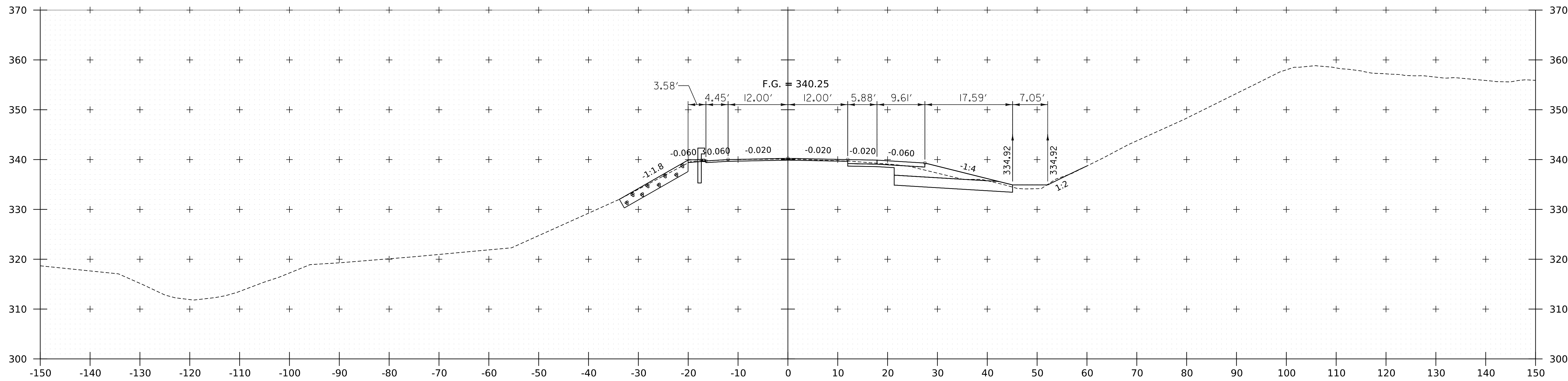
NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 204 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 45	





22220+90



22220+50

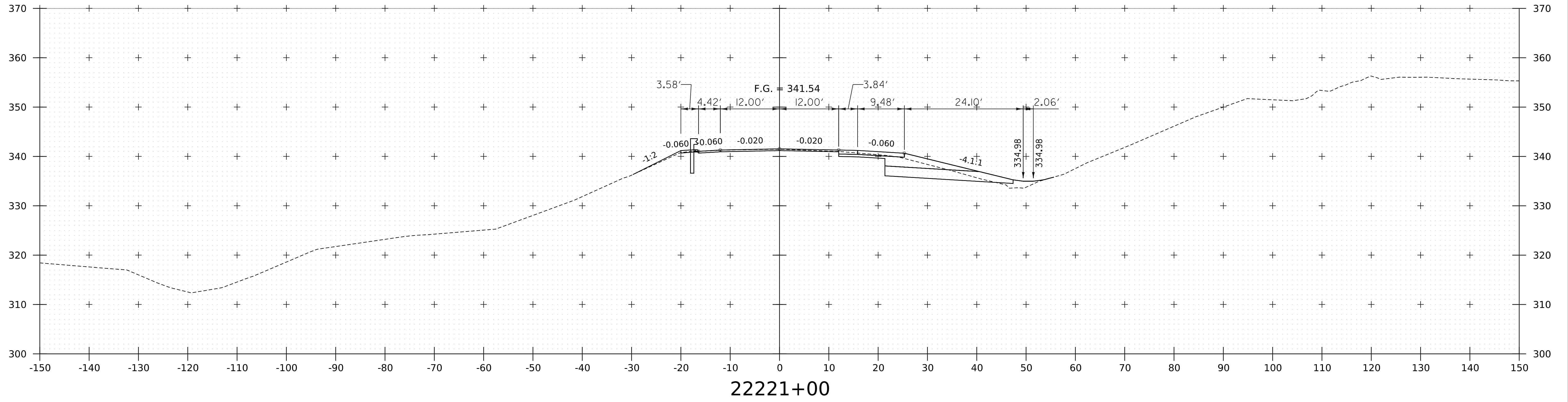
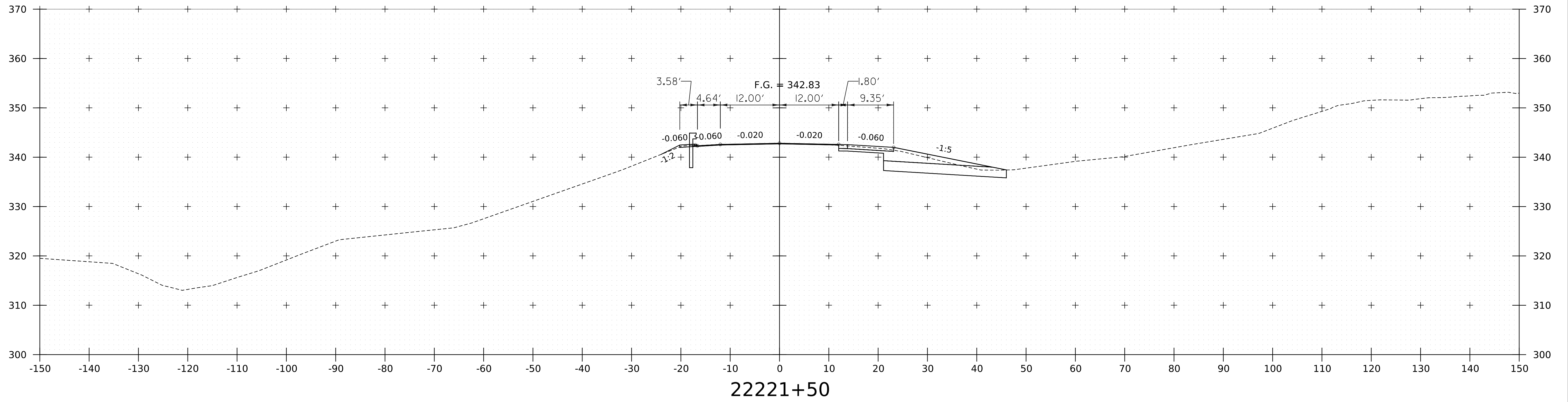
WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91NB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.1-91_NB.28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB CROSS SECTIONS 46	SHEET	205 OF 439

WORKING PLANS FOR REFERENCE ONLY

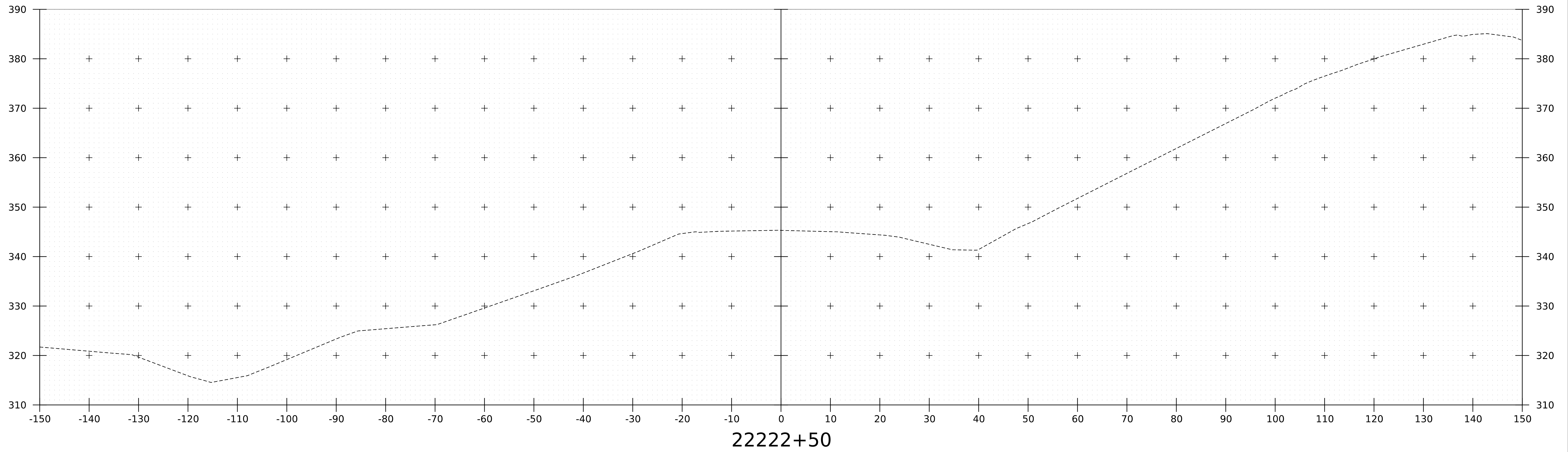


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

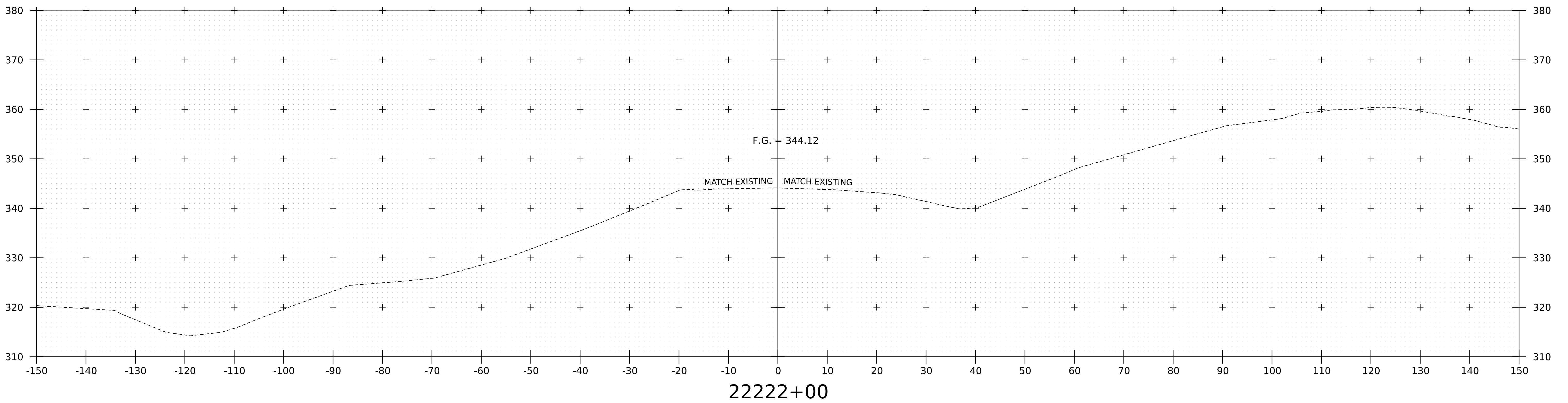


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91NB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 206 OF 439
DESIGNED BY: C. HELMICK	
I-91NB CROSS SECTIONS 47	

WORKING PLANS FOR REFERENCE ONLY



22222+50



22222+00

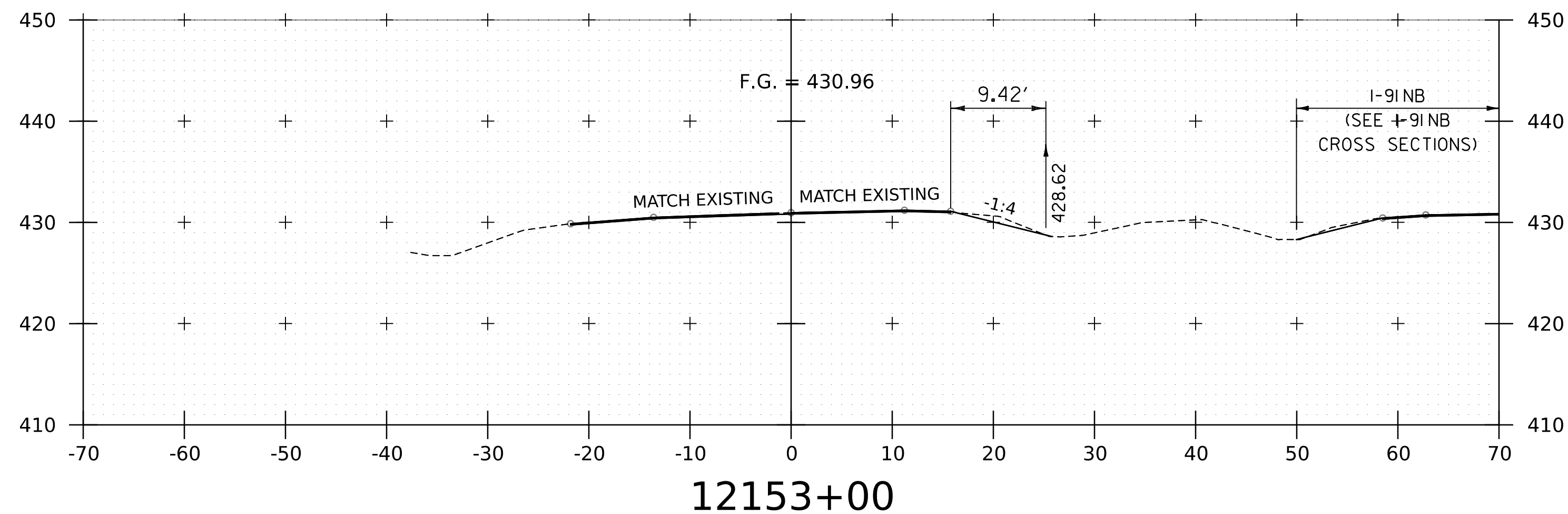
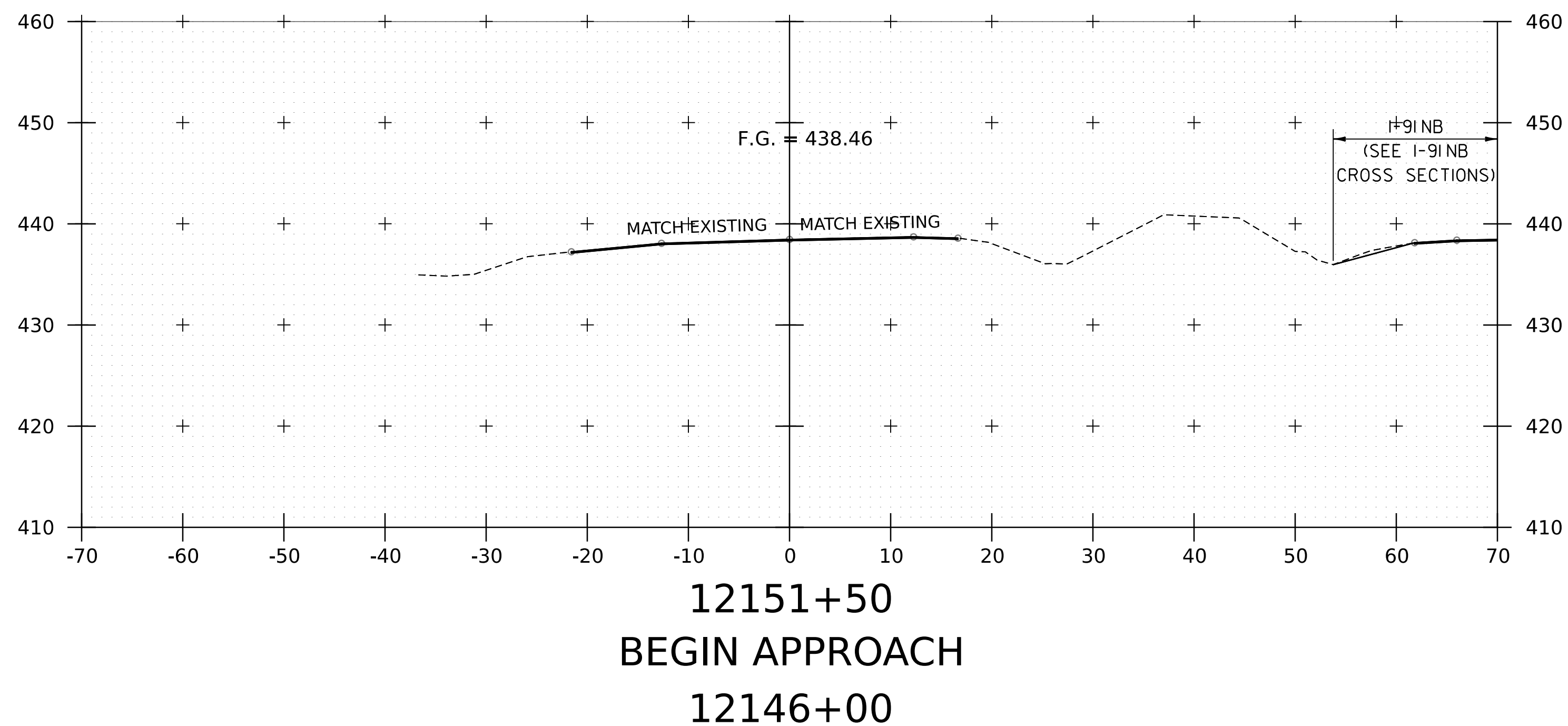
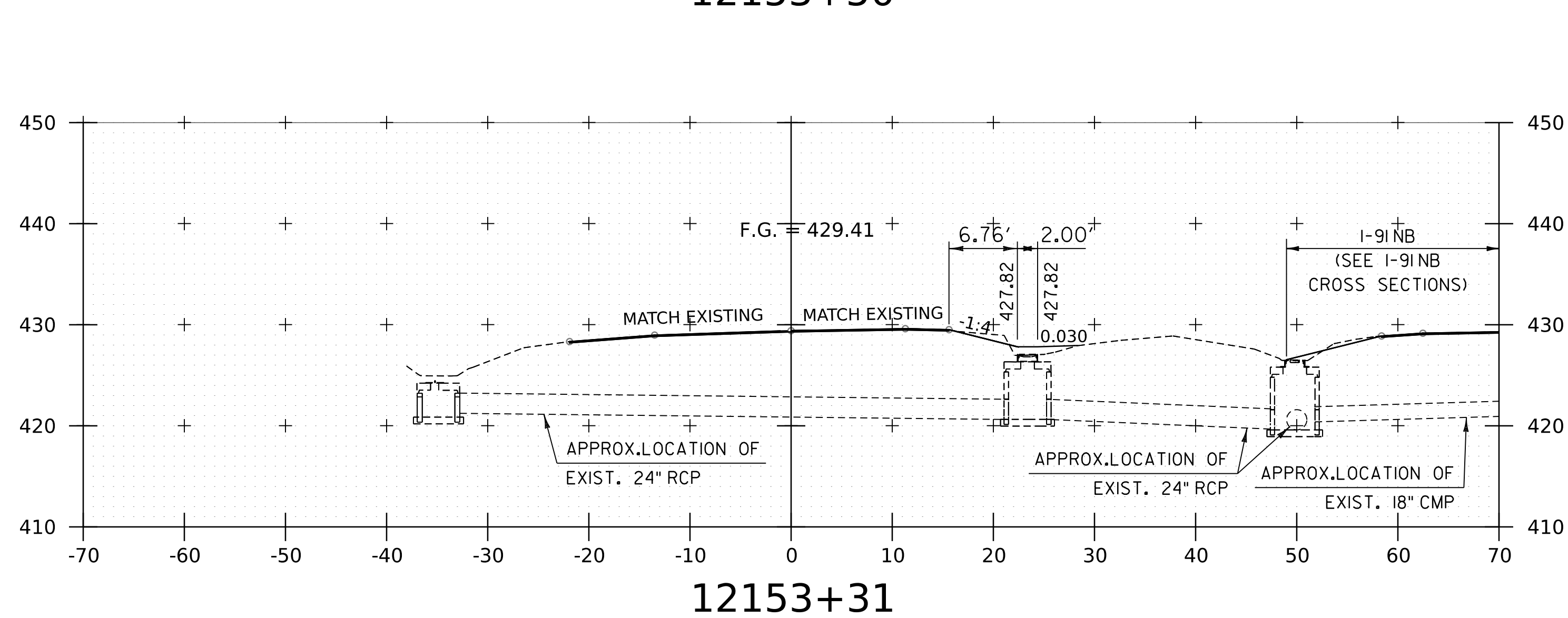
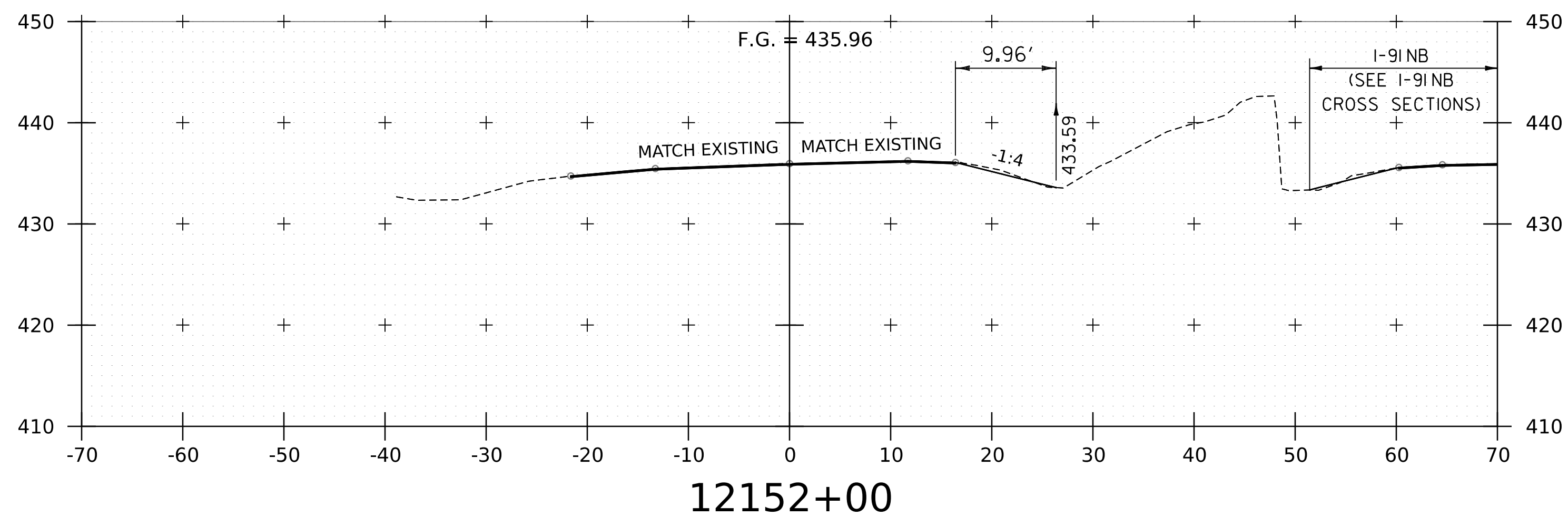
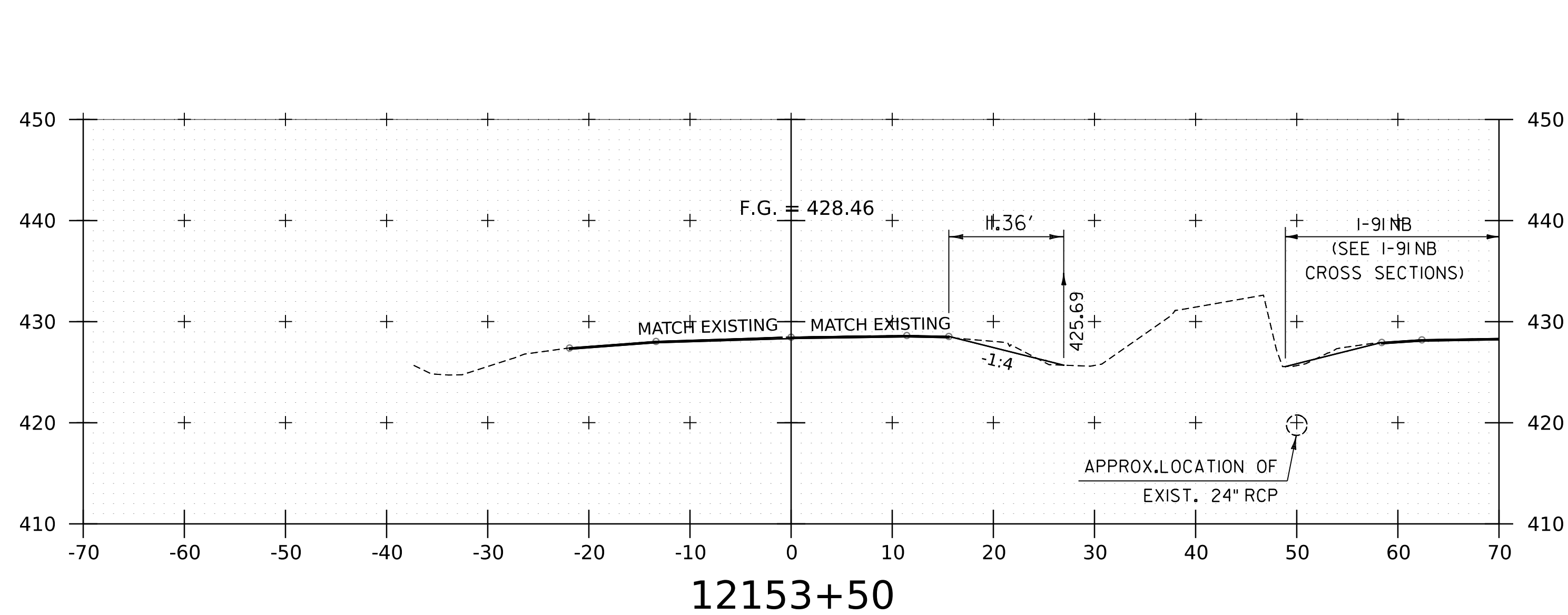
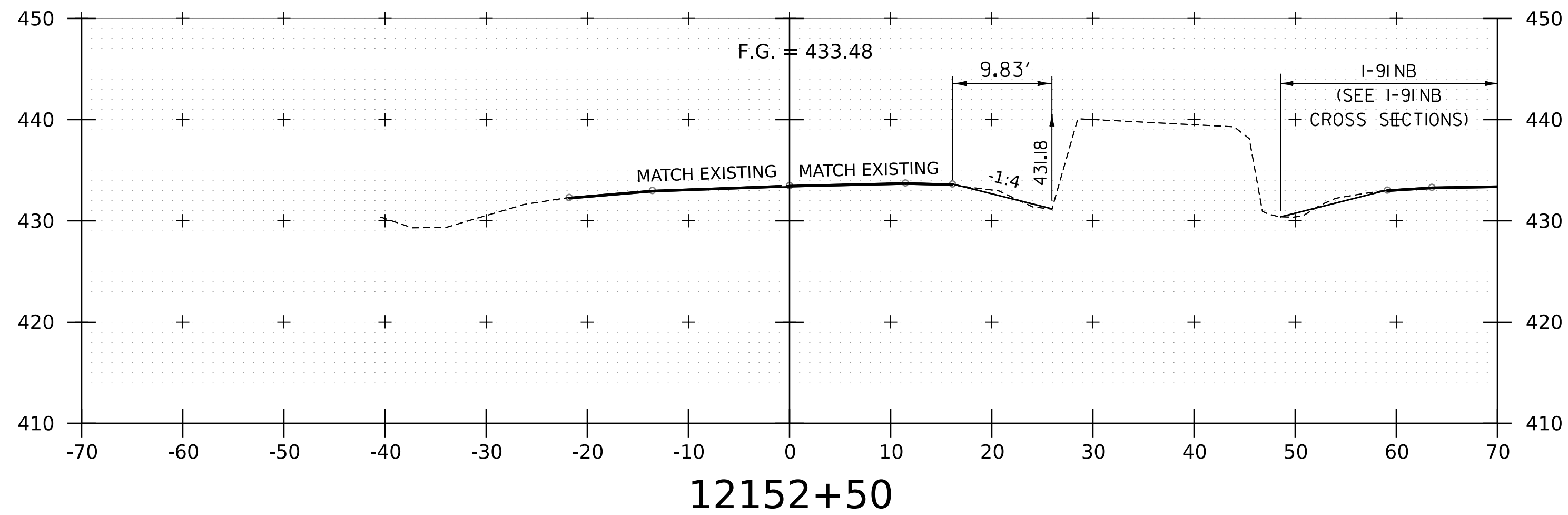
END NORTHBOUND APPROACH

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91NB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_NB_28.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	207 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB CROSS SECTIONS	48		



WORKING PLANS FOR REFERENCE ONLY

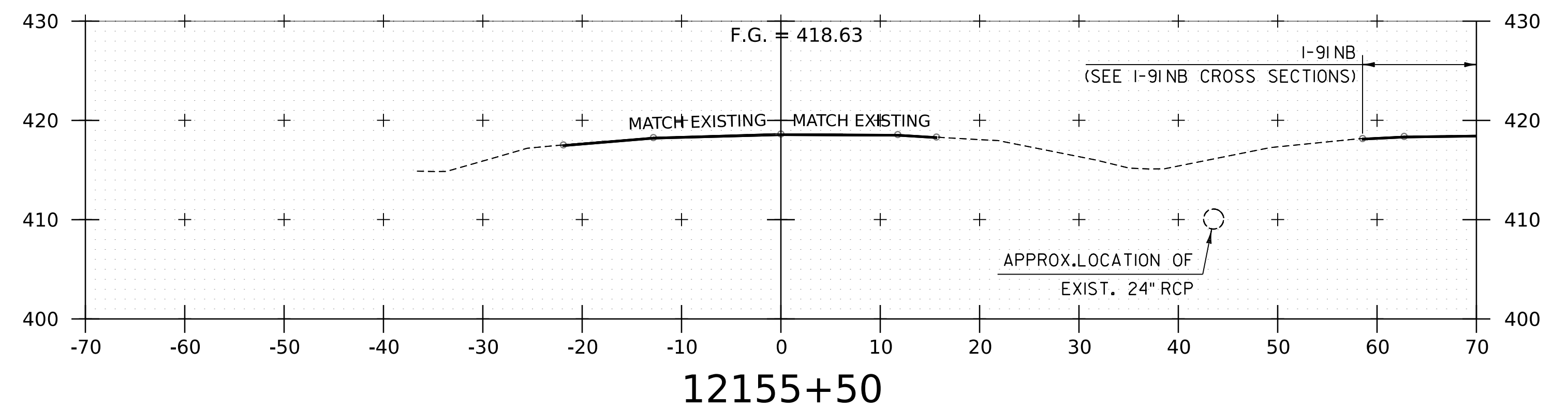
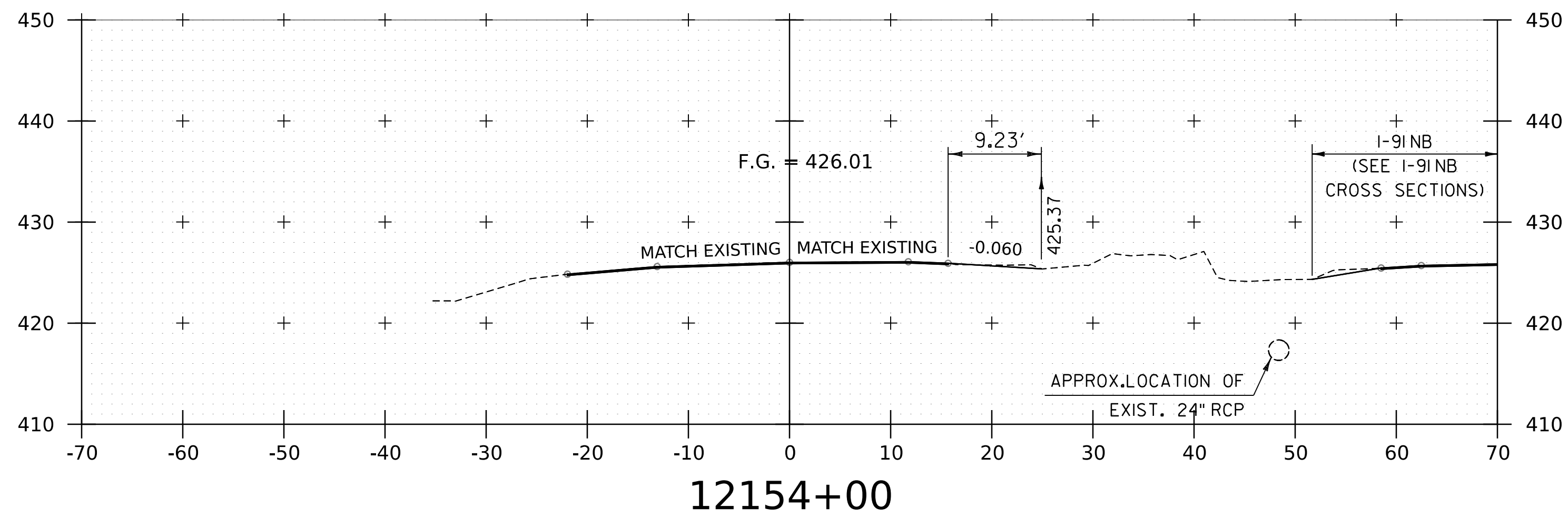
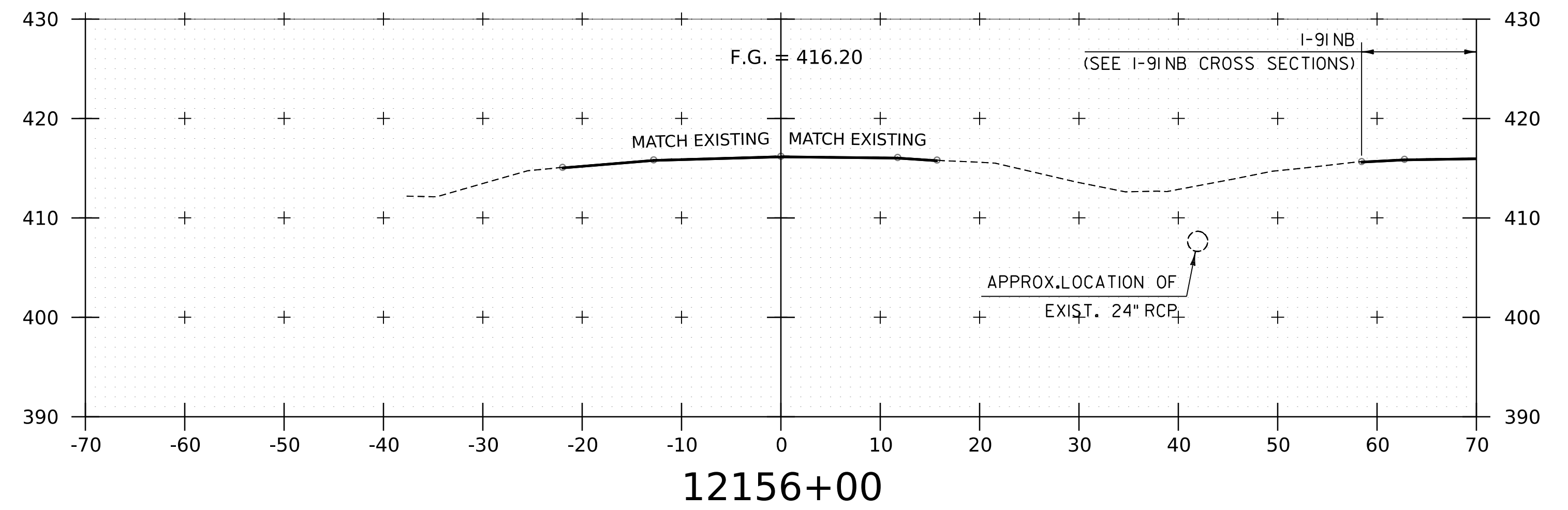
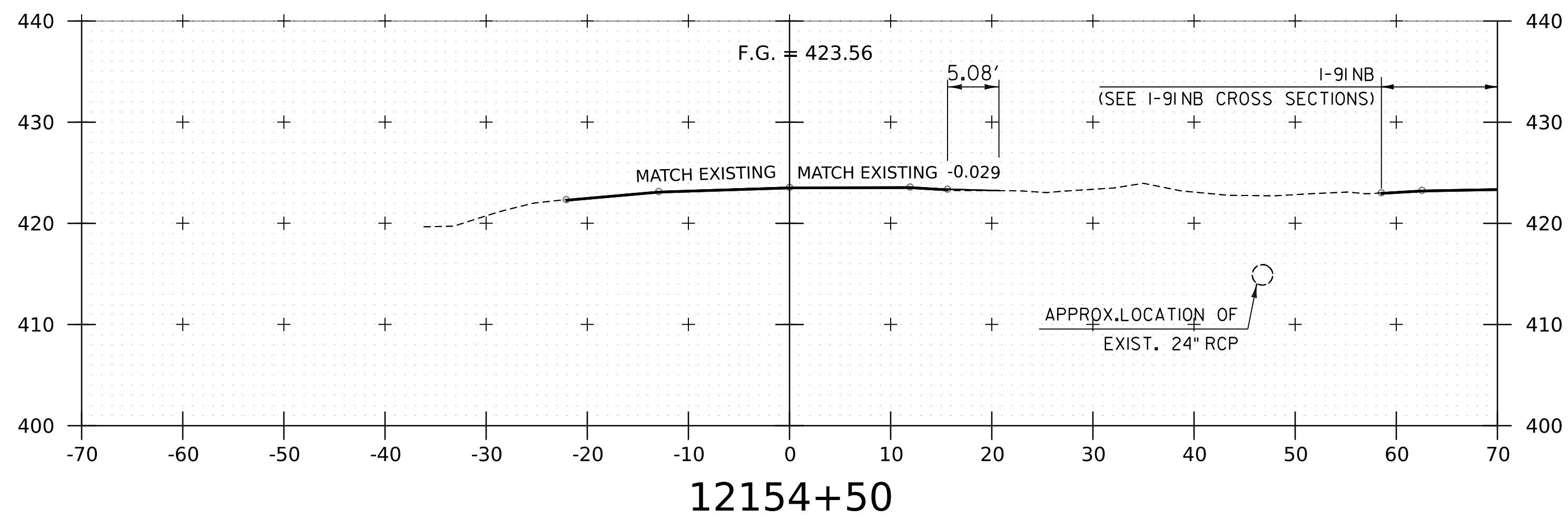
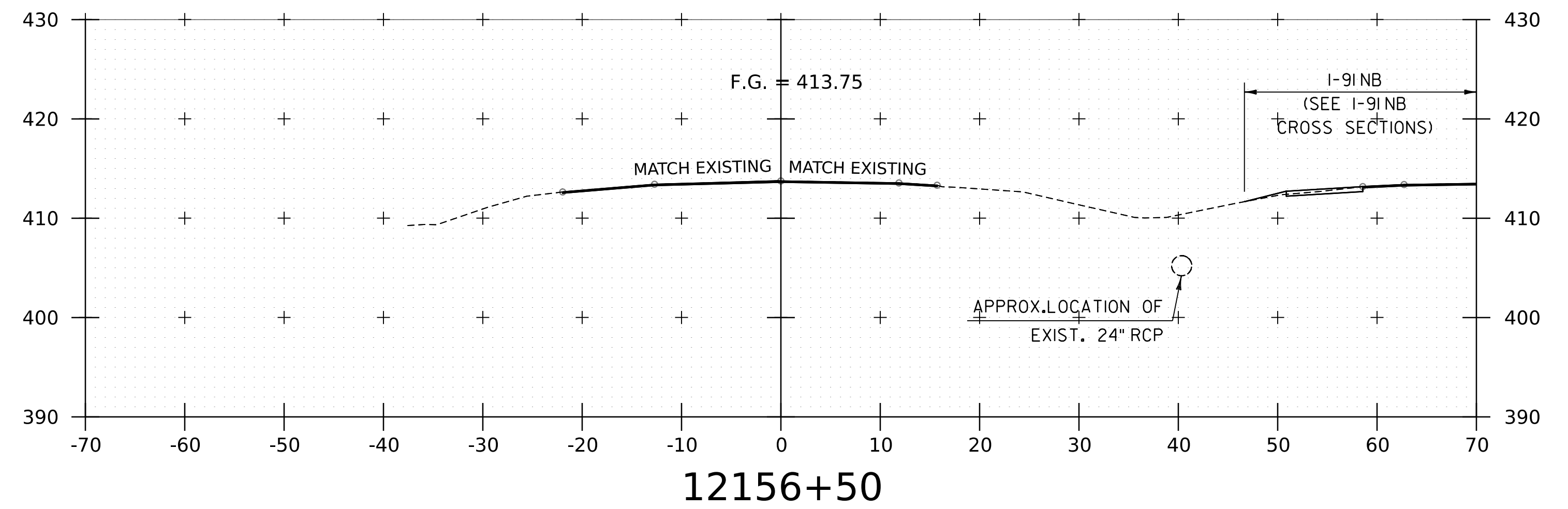
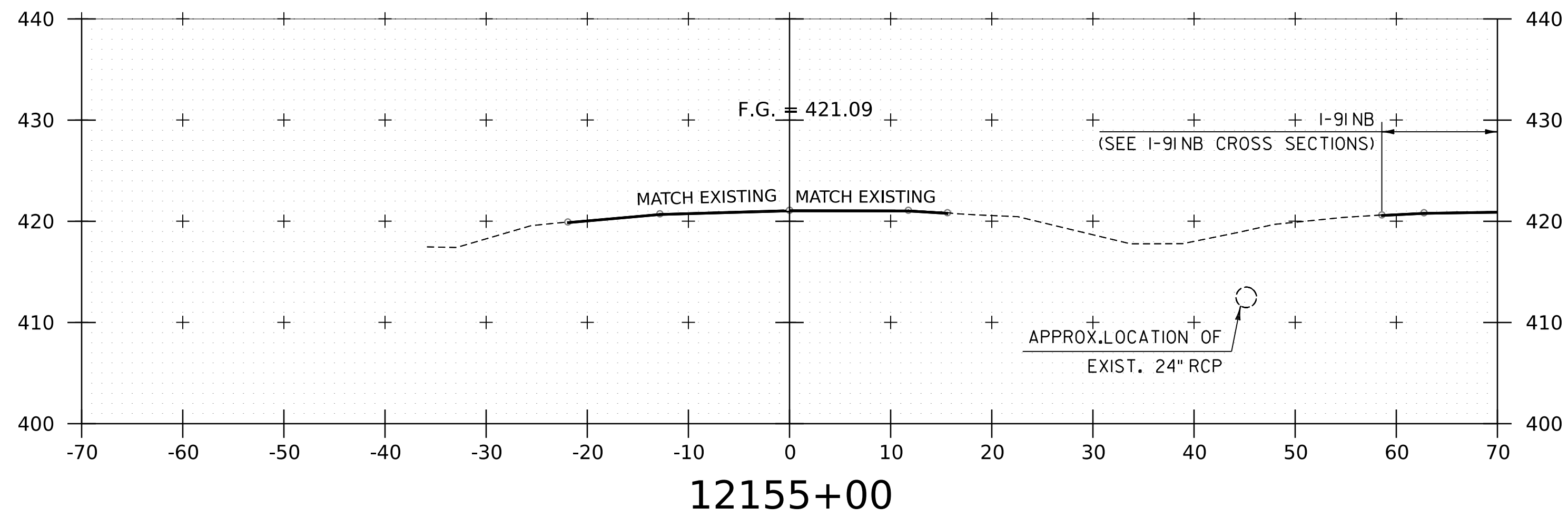


NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 12146+50 AND 12151+50.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR 1-91SB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.1-91.SB.25.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
DESIGNED BY:	C. HELMICK	SHEET	208 OF 439
I-91SB CROSS SECTIONS I			



WORKING PLANS FOR REFERENCE ONLY



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

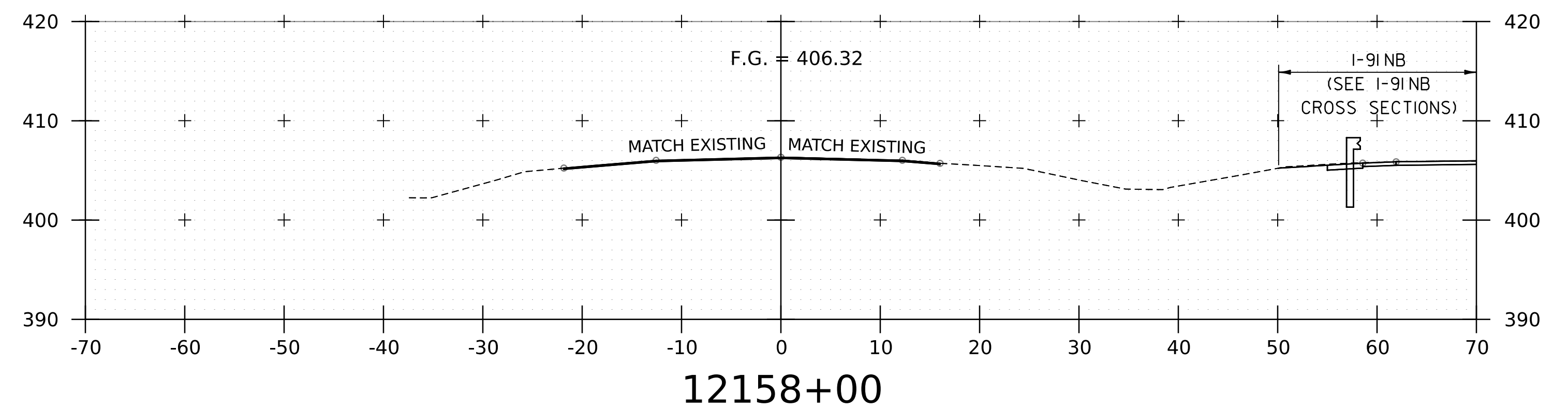
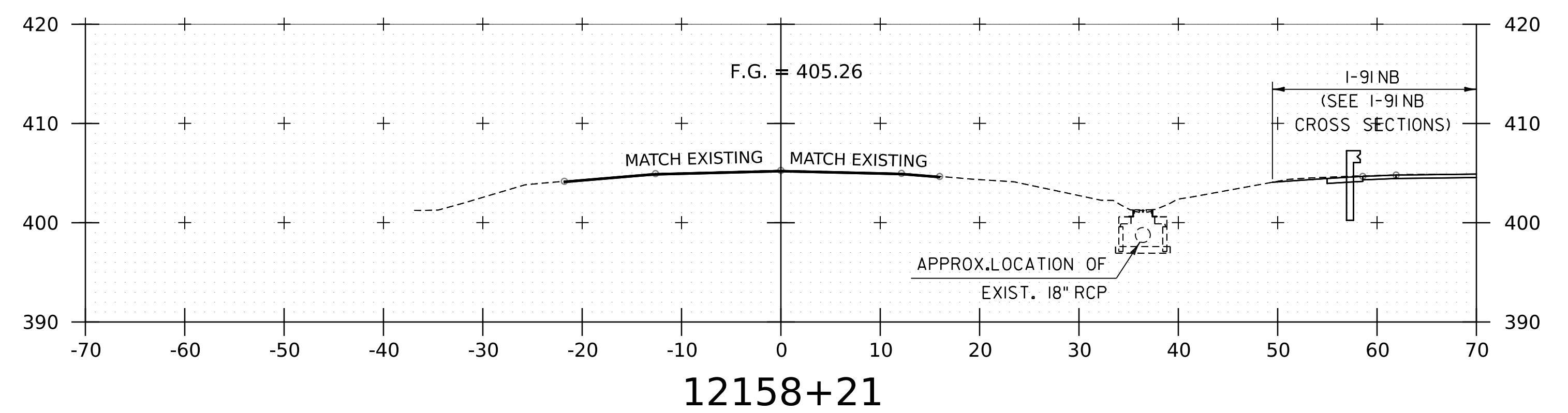
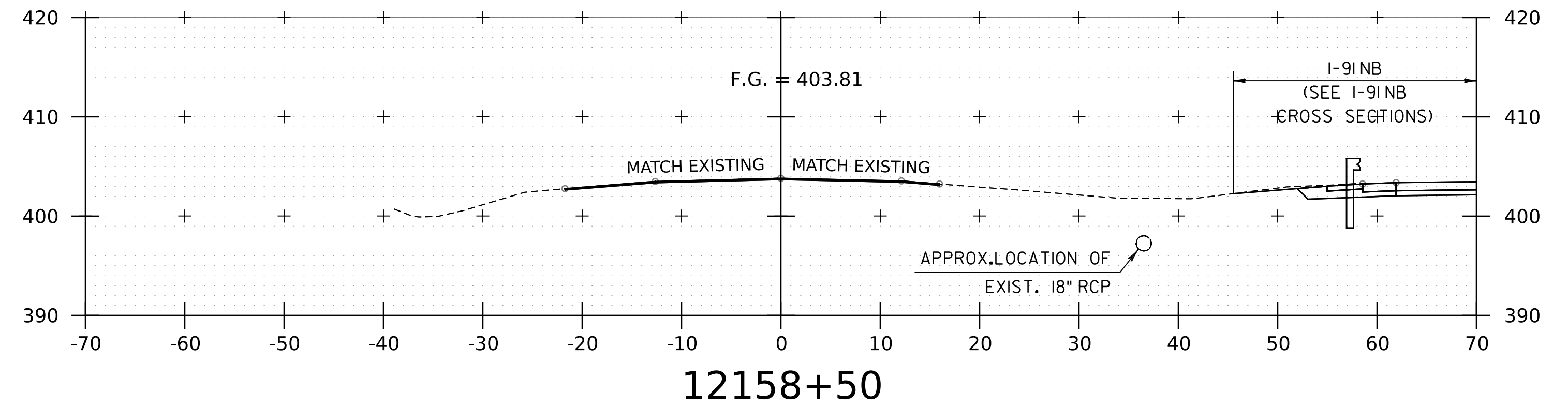
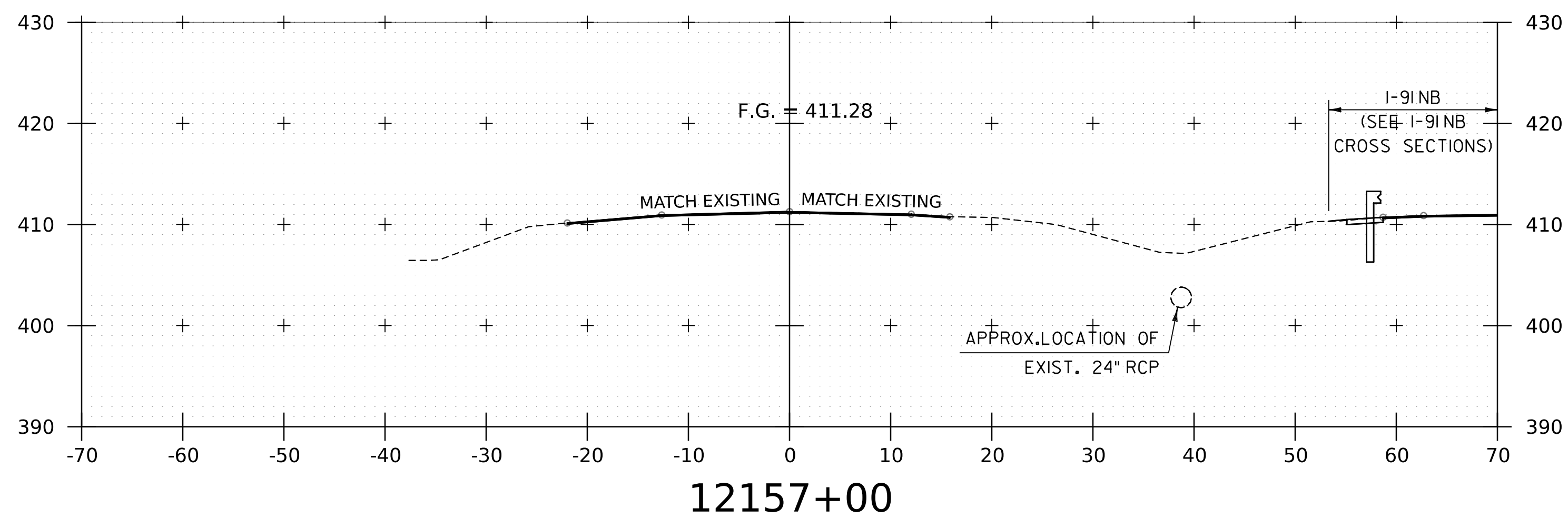
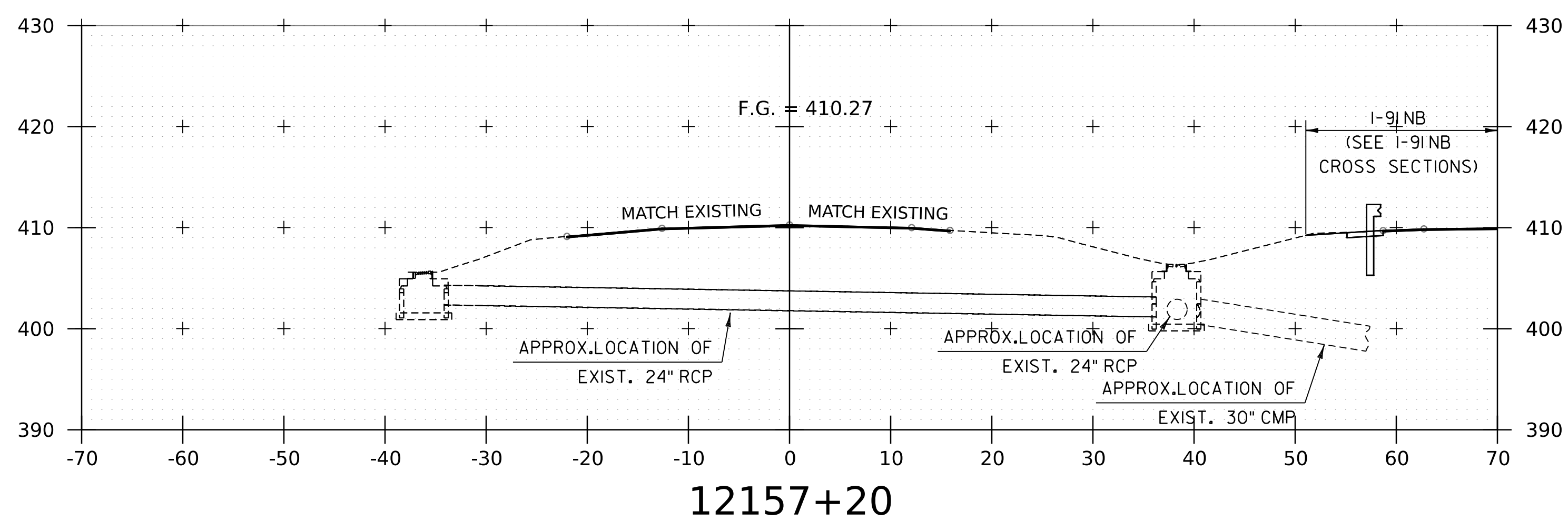
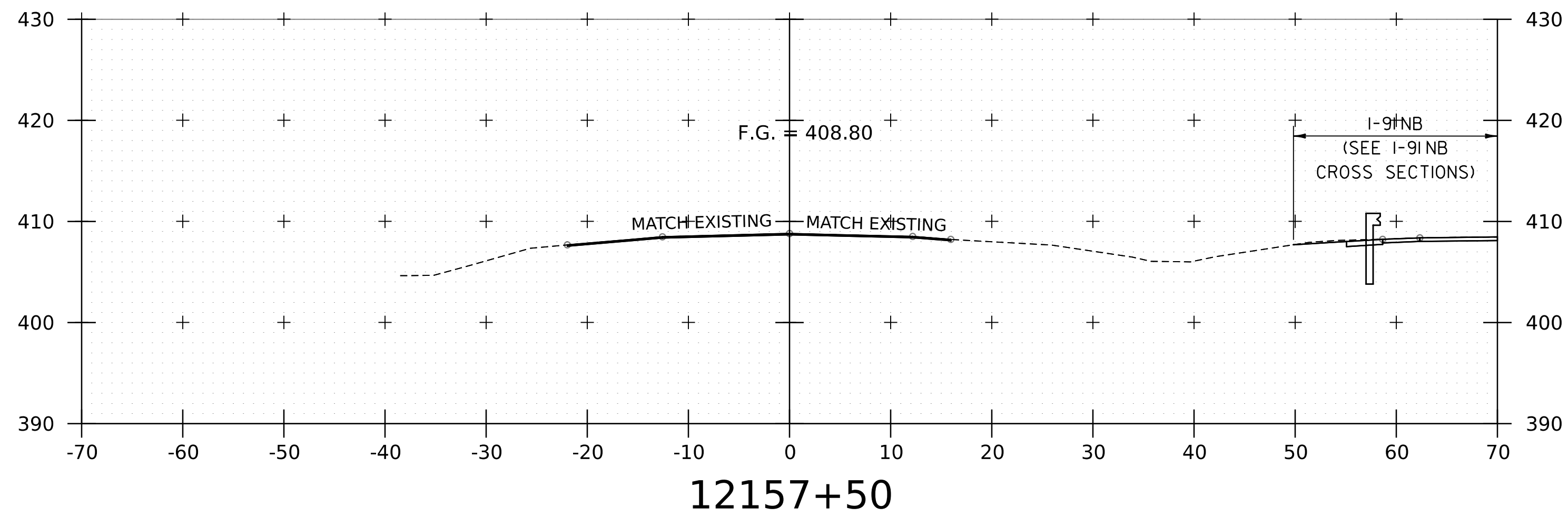
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs.I-91SB.25.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91SB CROSS SECTIONS 2

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 209 OF 439



WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

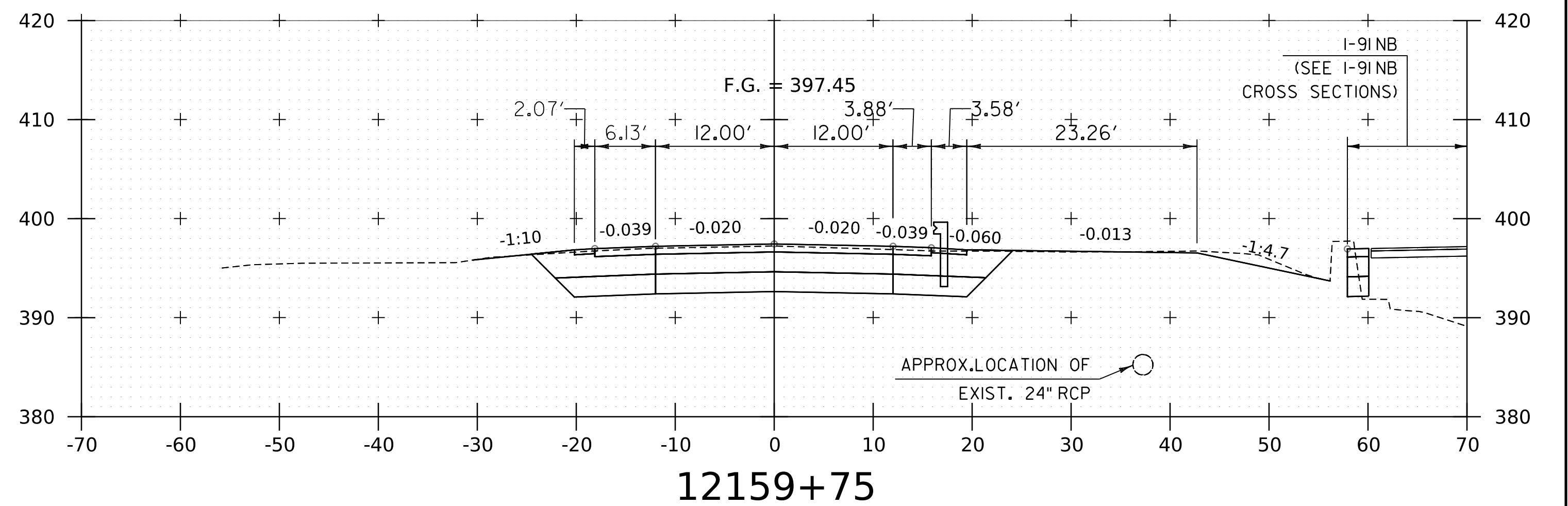
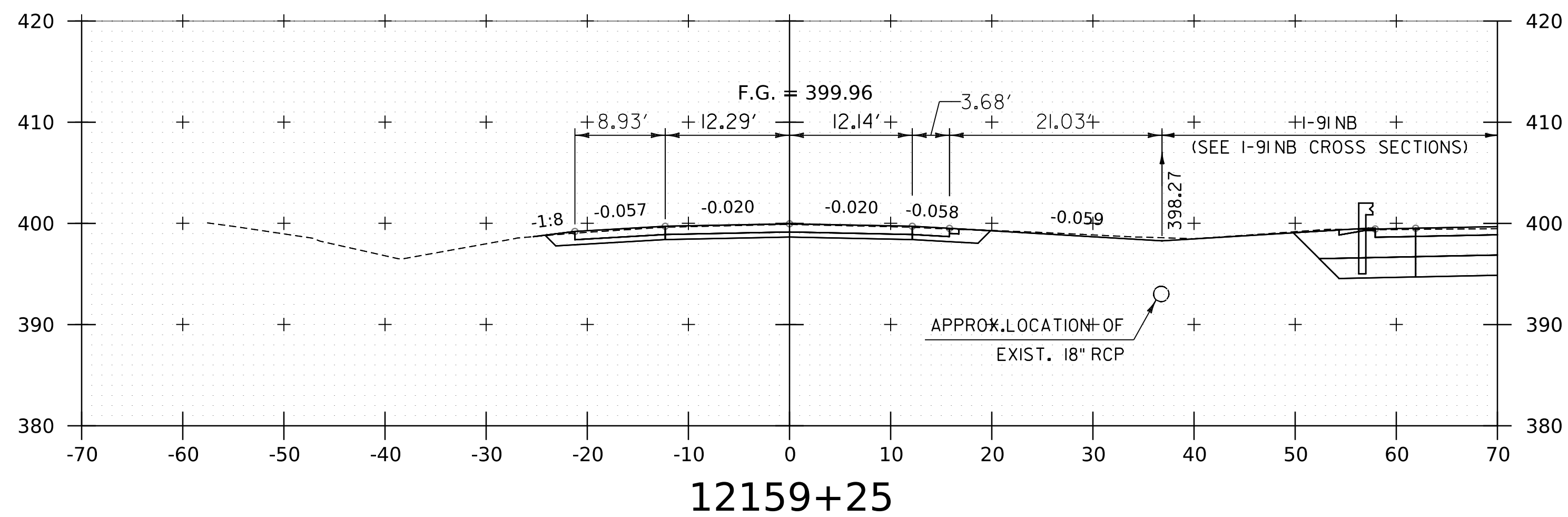
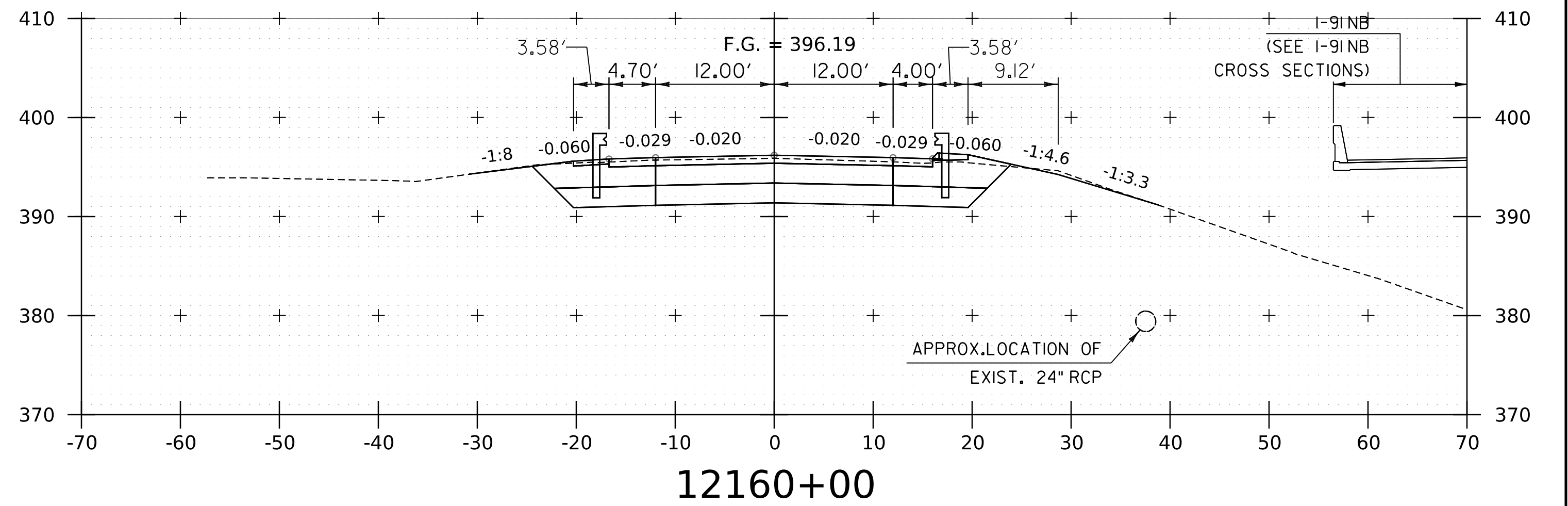
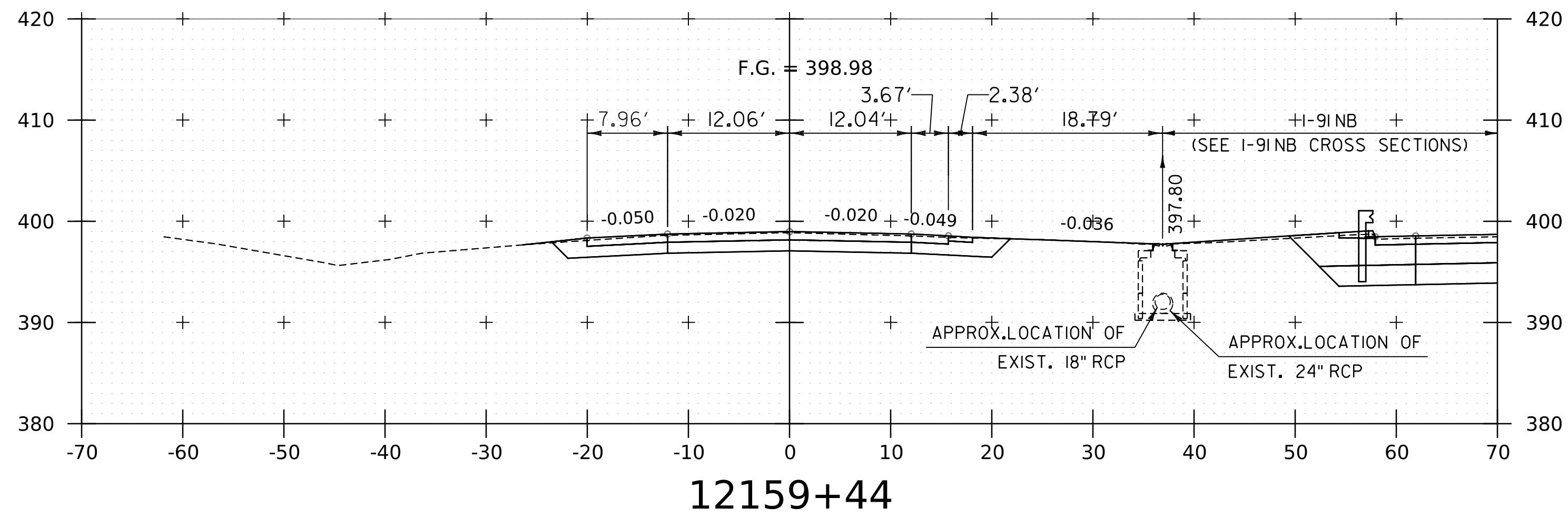
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_1-91_SB_25.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: C. HELMICK
I-91 SB CROSS SECTIONS 3

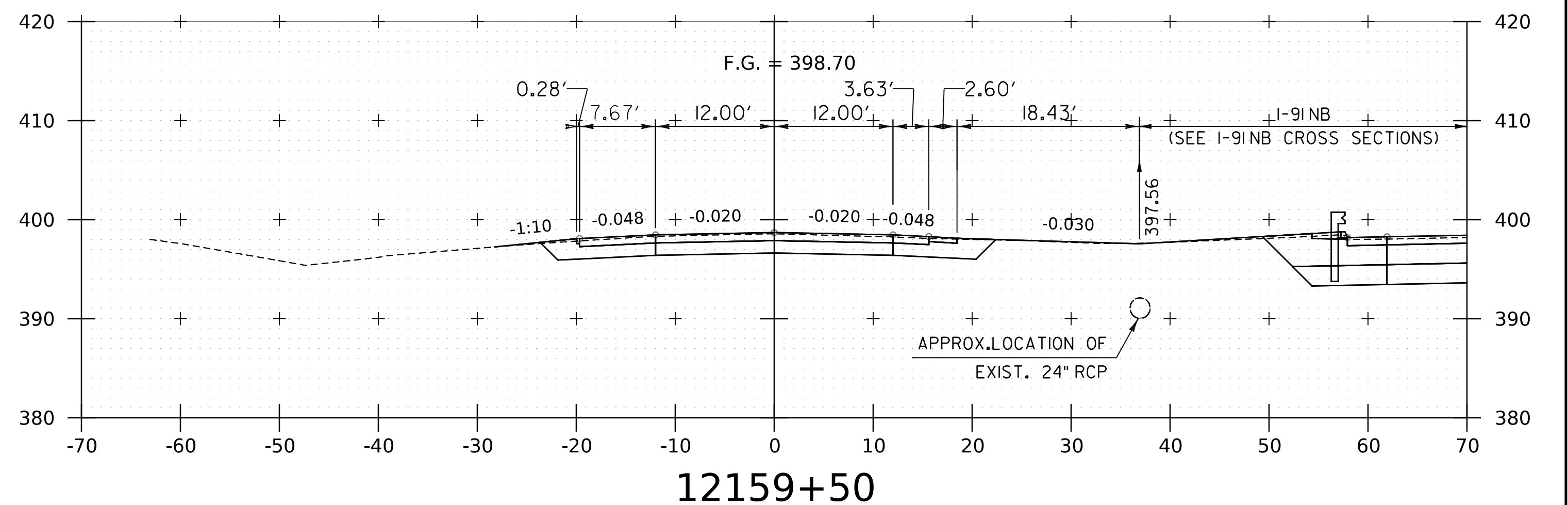
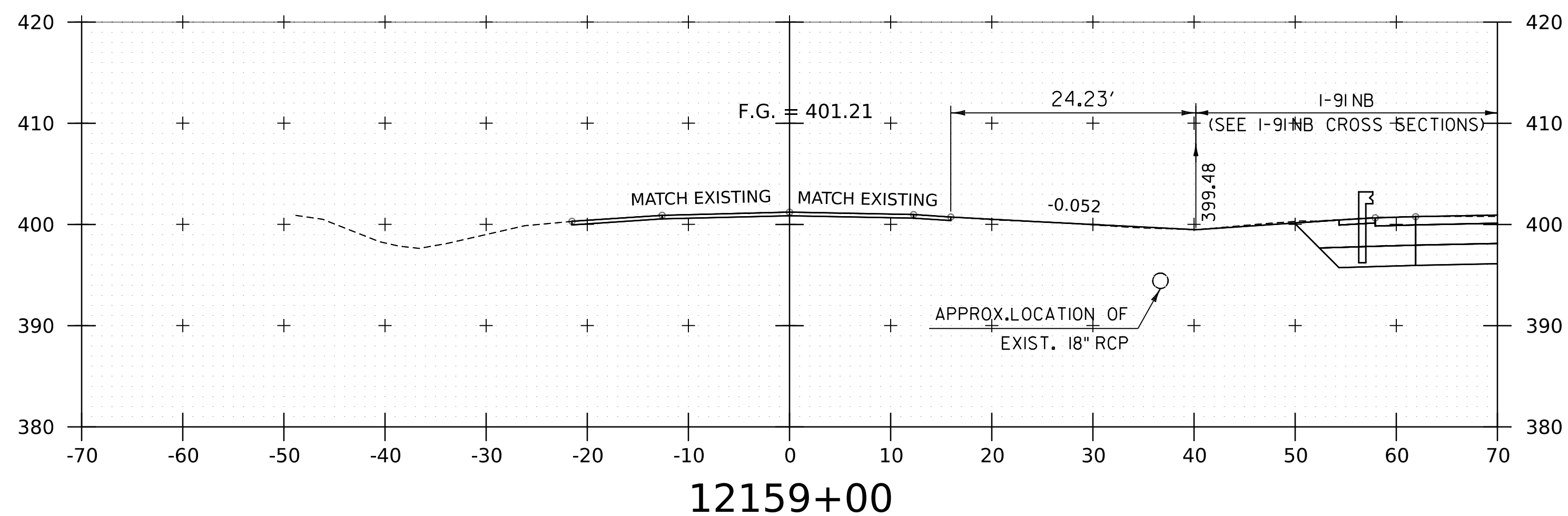
PLOT DATE: 8-JUN-2023
DRAWN BY: C. HELMICK
CHECKED BY: L. DRISCOLL
SHEET 210 OF 439



WORKING PLANS FOR REFERENCE ONLY



BEGIN SOUTHBOUND PROJECT

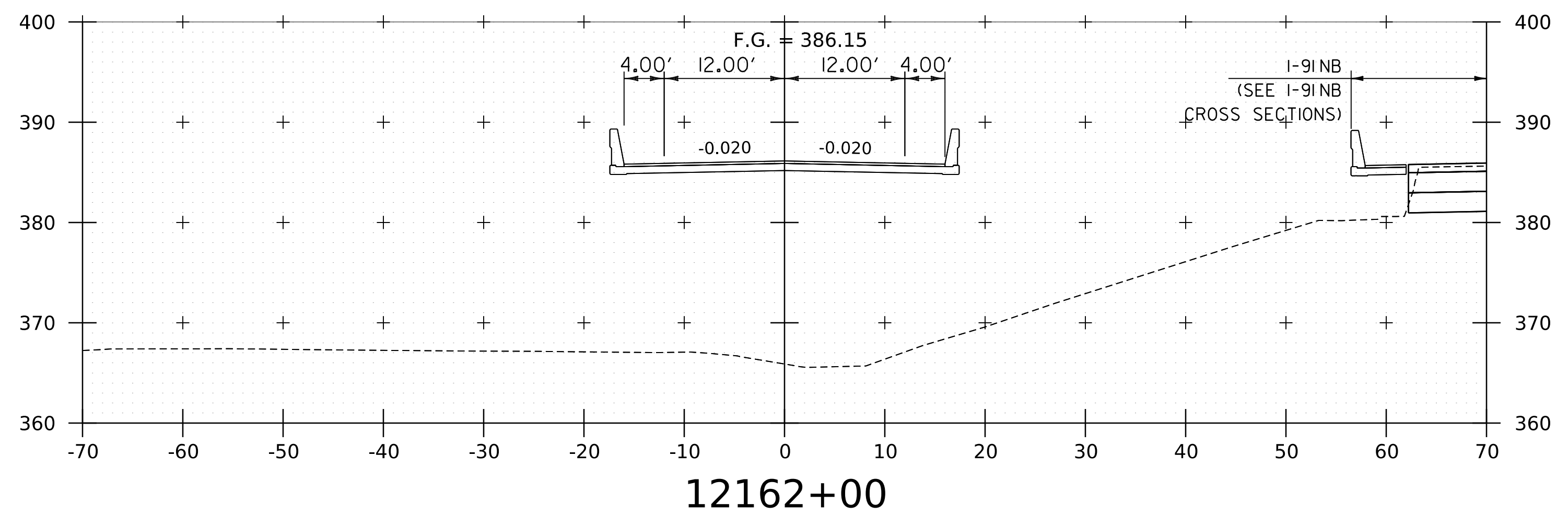
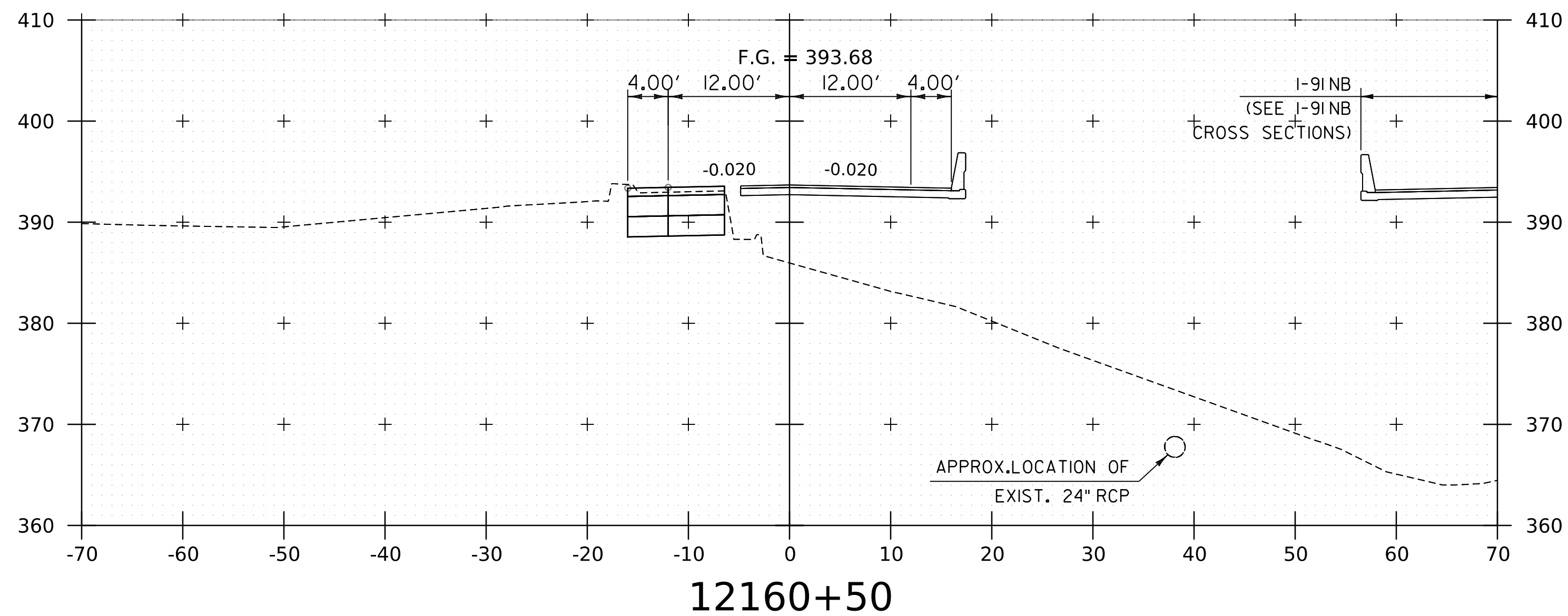
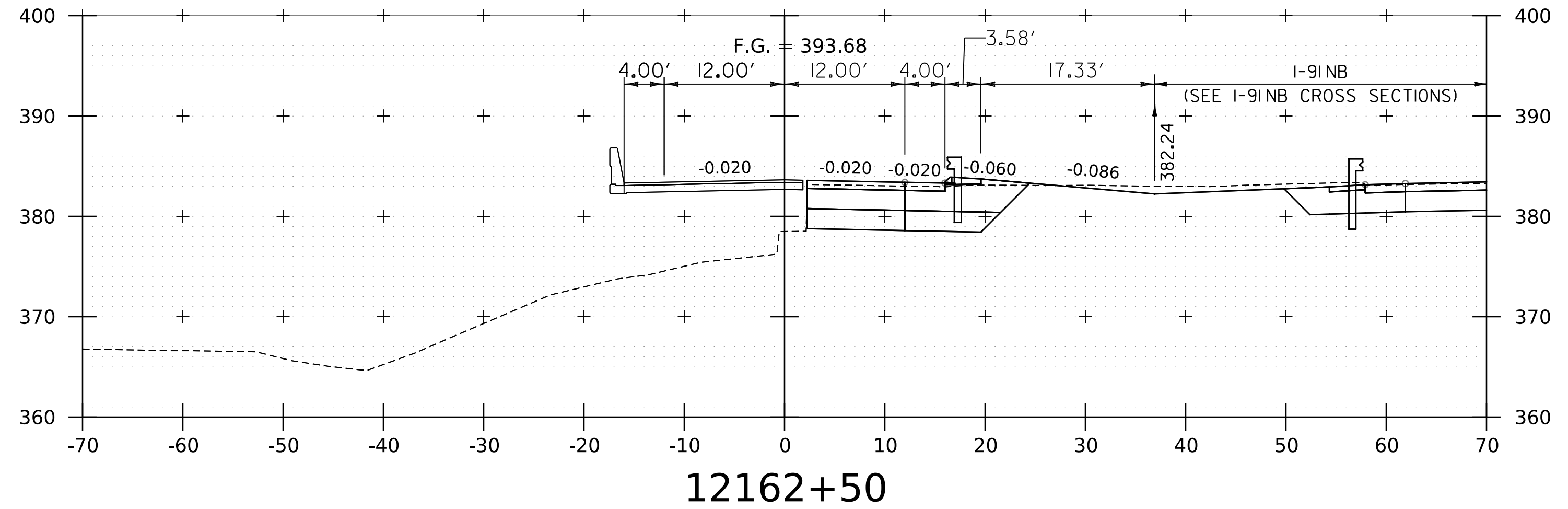
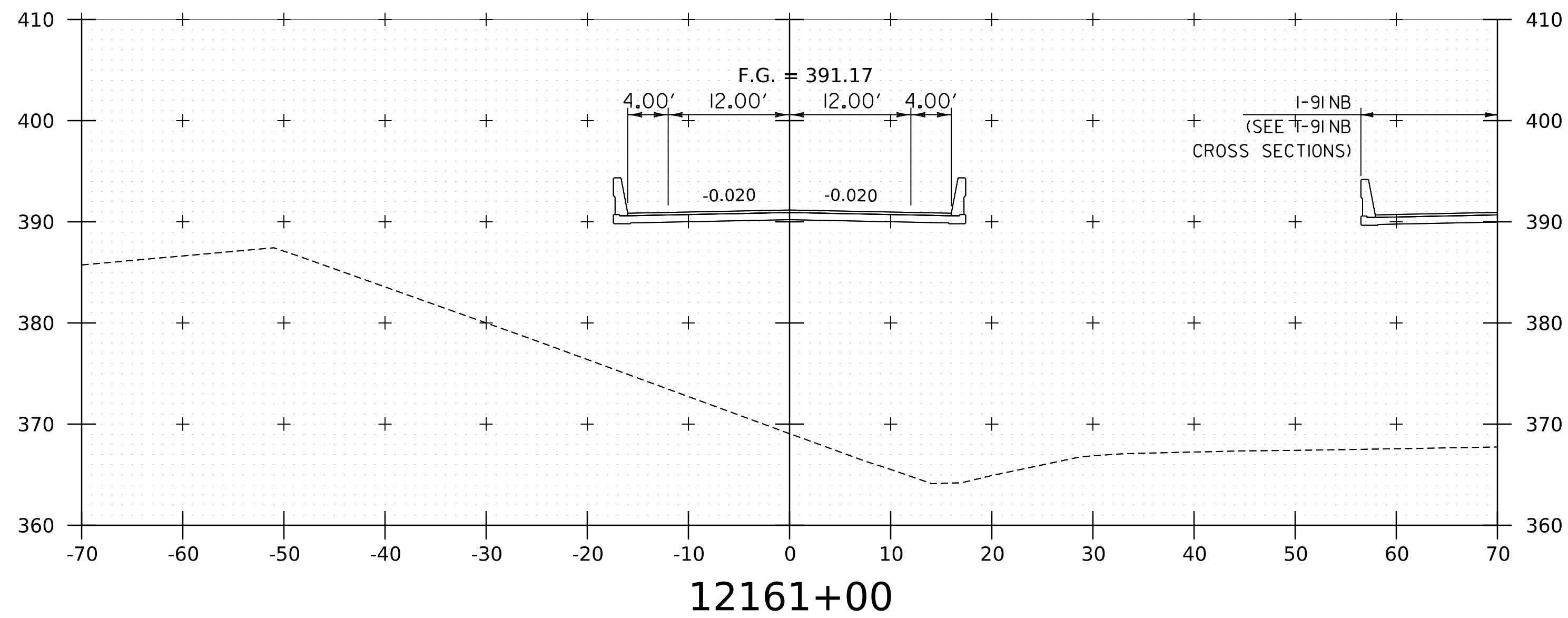


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

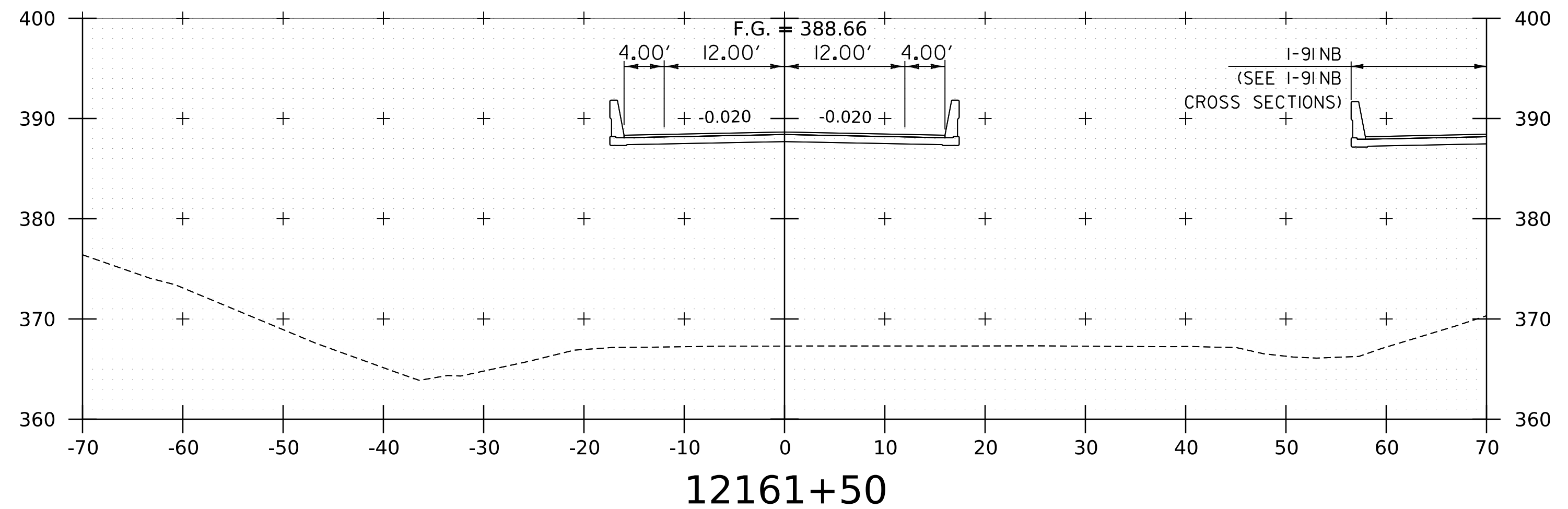
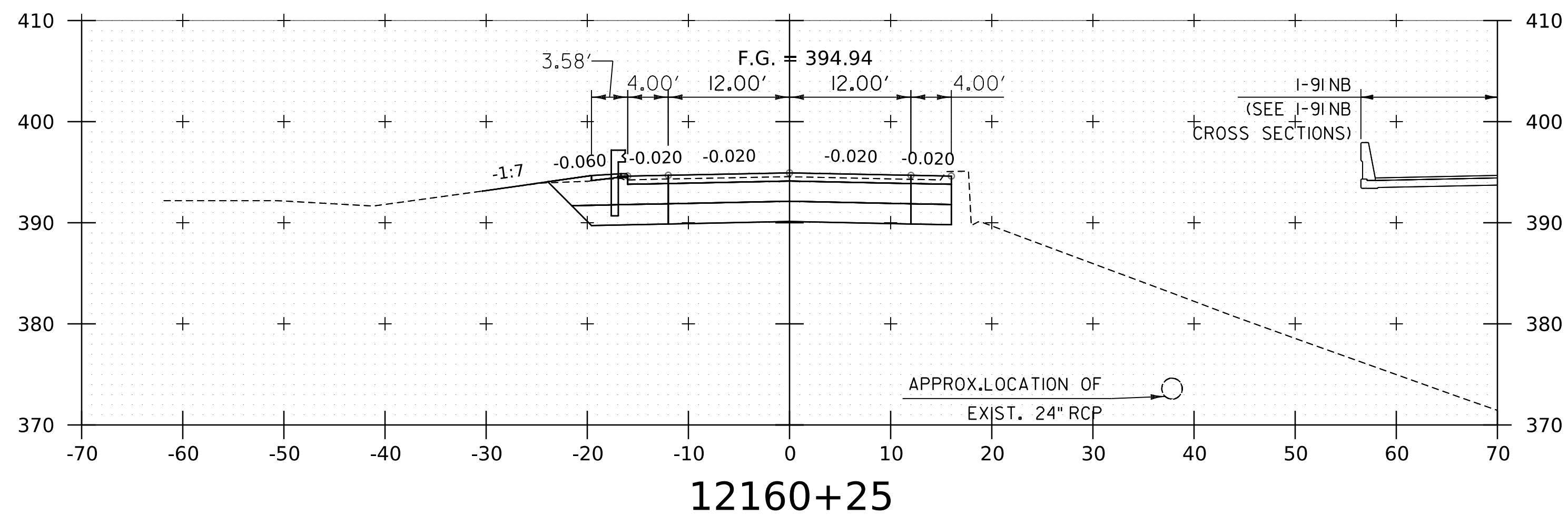


PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs-I-91-SB.25.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91 SB CROSS SECTIONS 4		SHEET	211 OF 439

WORKING PLANS FOR REFERENCE ONLY



BEGIN BRIDGE 25S
12160+45.17

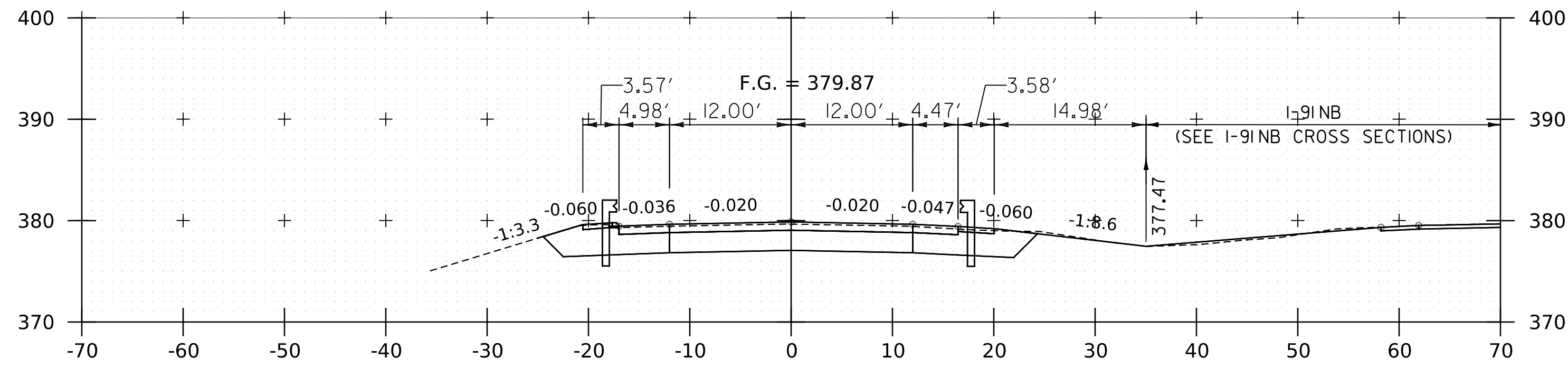


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

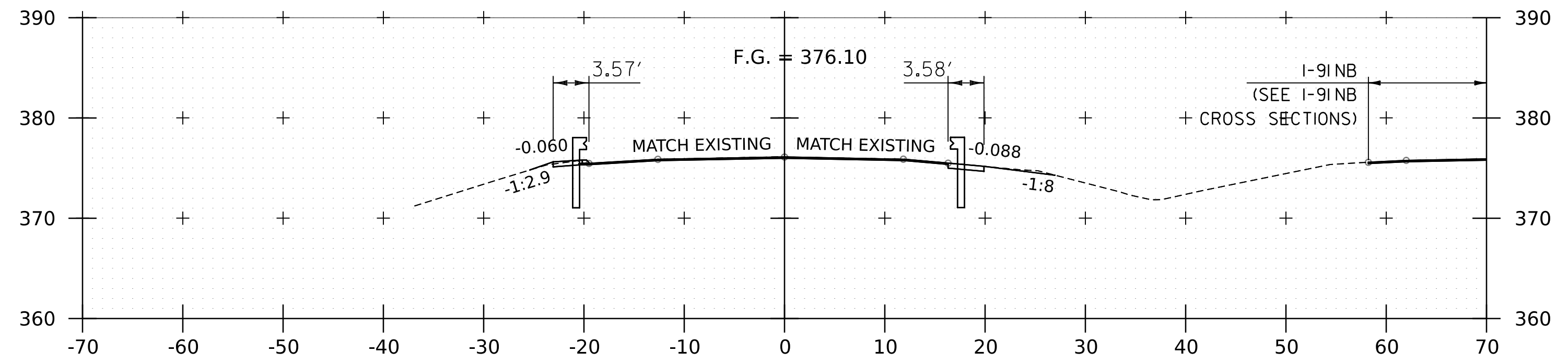
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_I-91_SB_25.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91SB CROSS SECTIONS 5		SHEET 212 OF 439



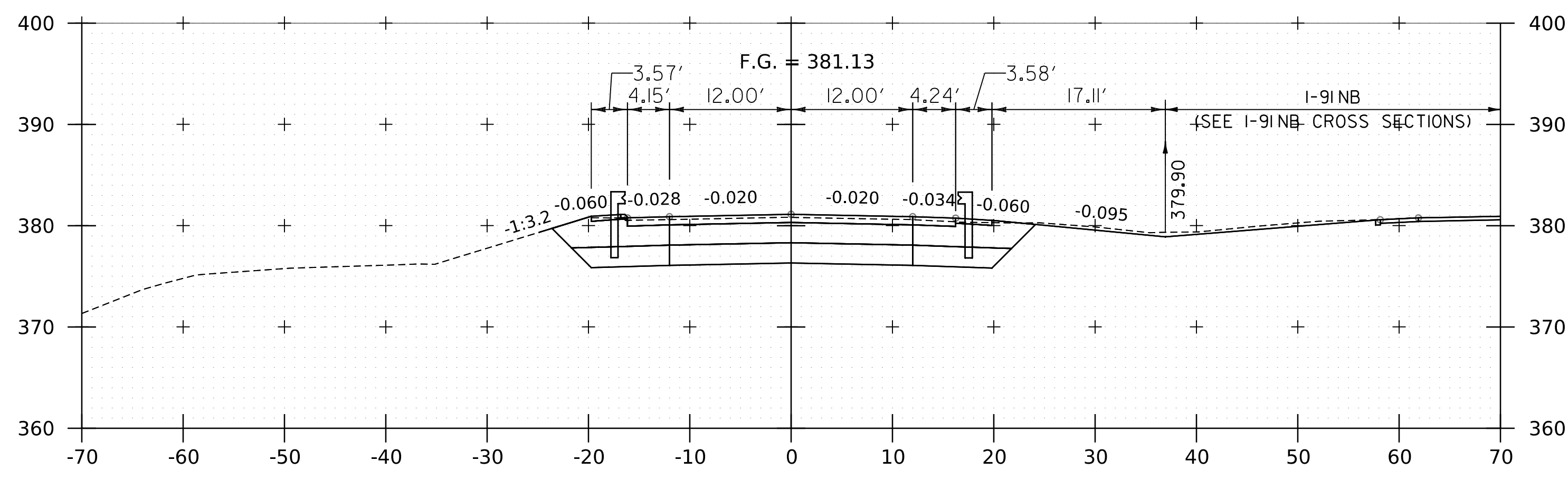
WORKING PLANS FOR REFERENCE ONLY



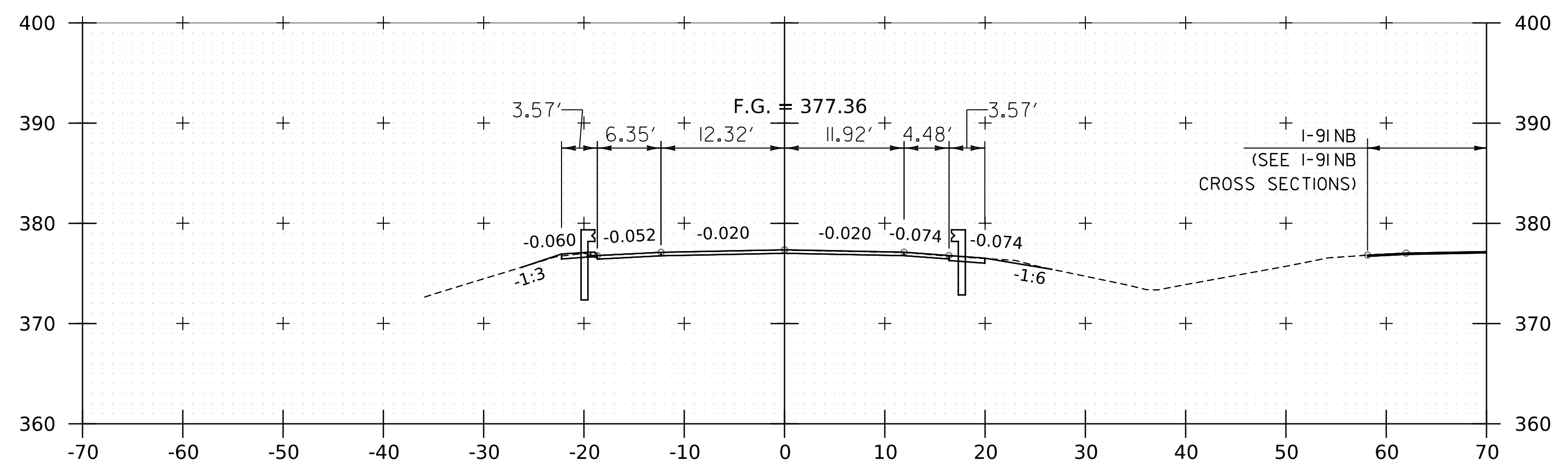
12163+25
STOP SOUTHBOUND PROJECT



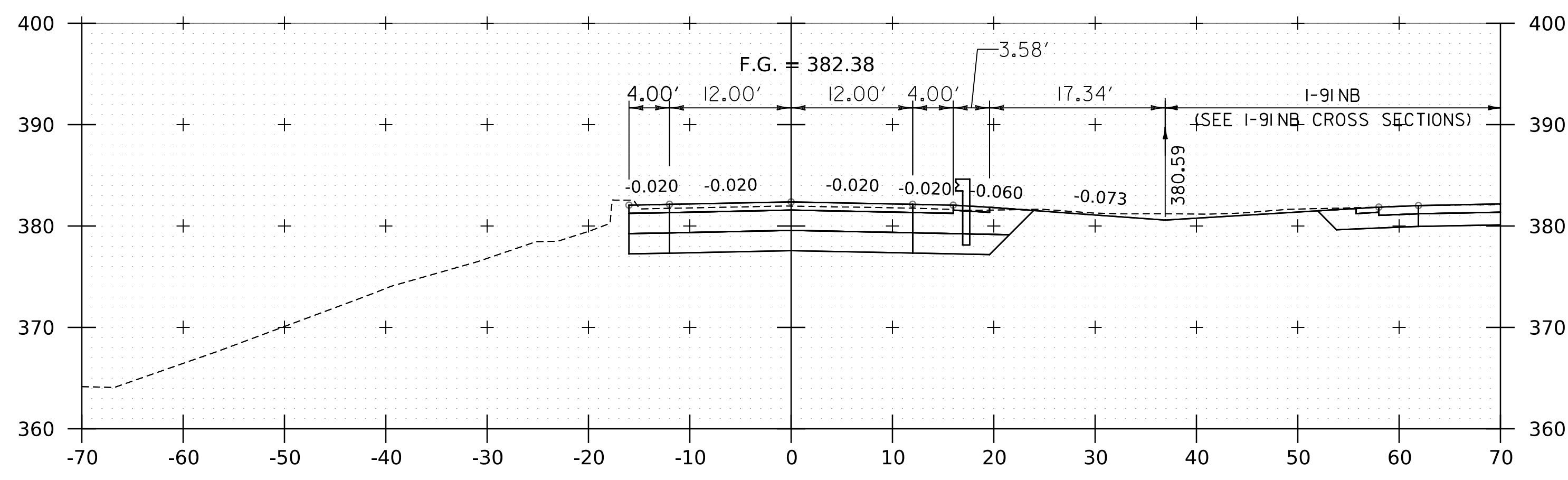
12164+00



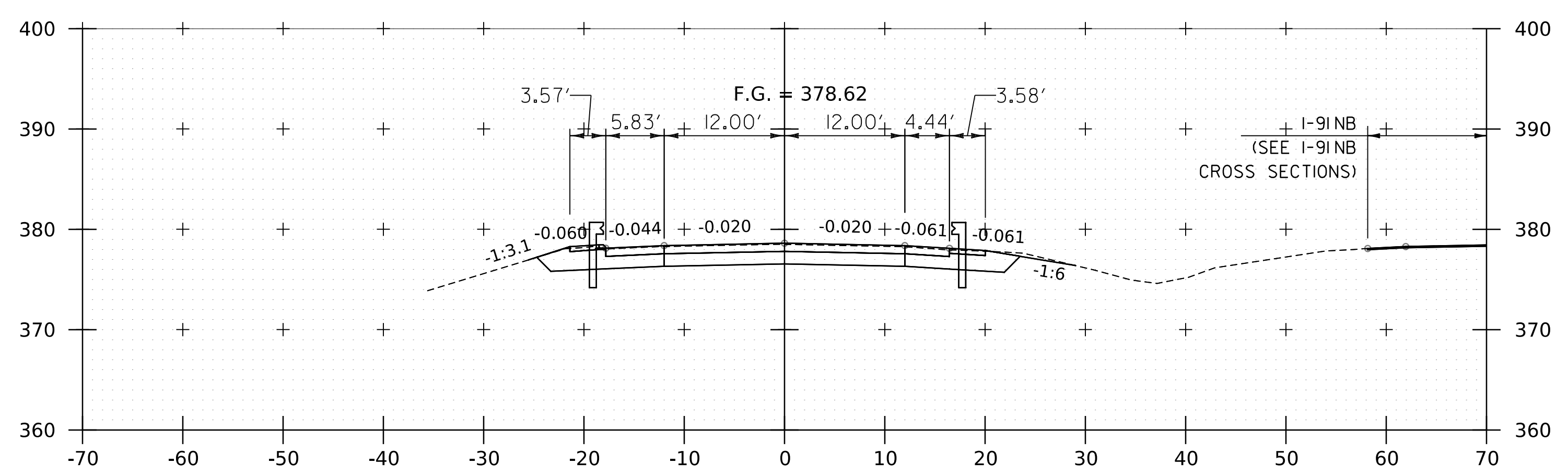
12163+00



12163+75



12162+75



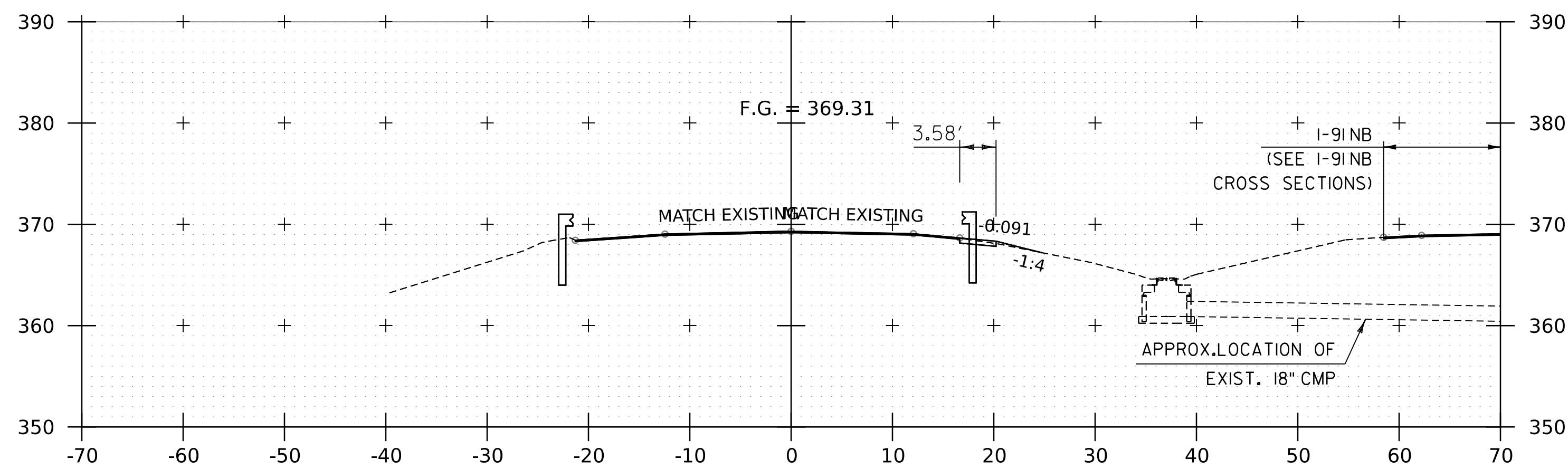
12163+50

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

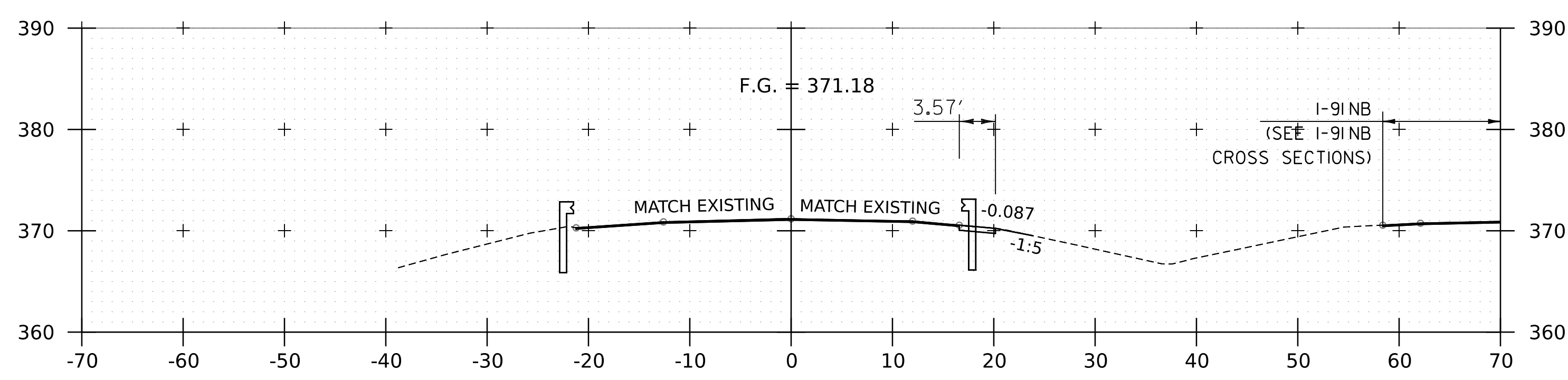
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91_SB.25.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91SB CROSS SECTIONS 6		SHEET 213 OF 439



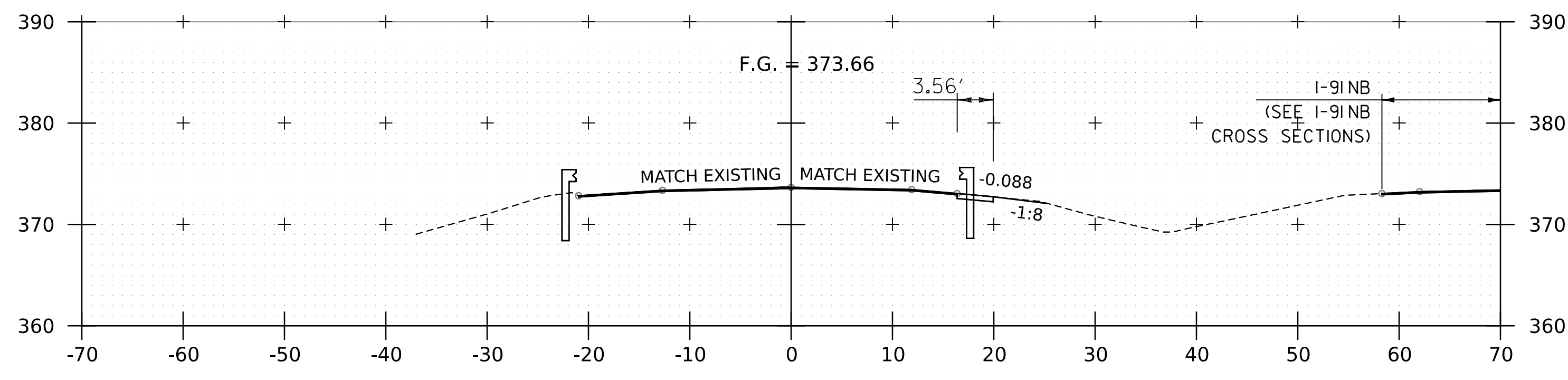
WORKING PLANS FOR REFERENCE ONLY



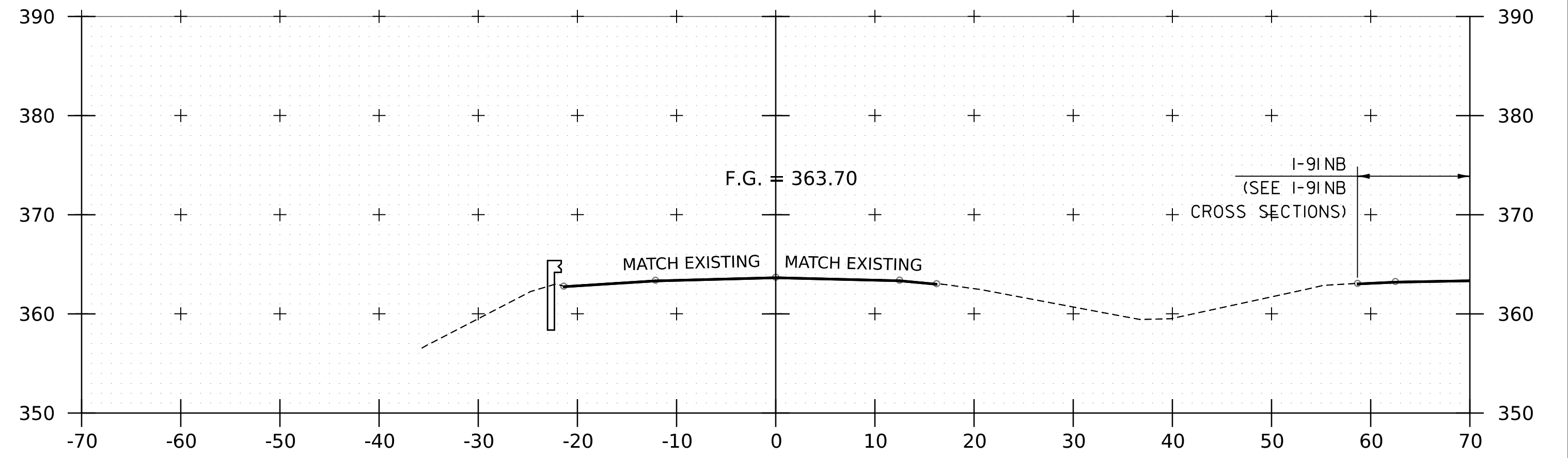
12165+37



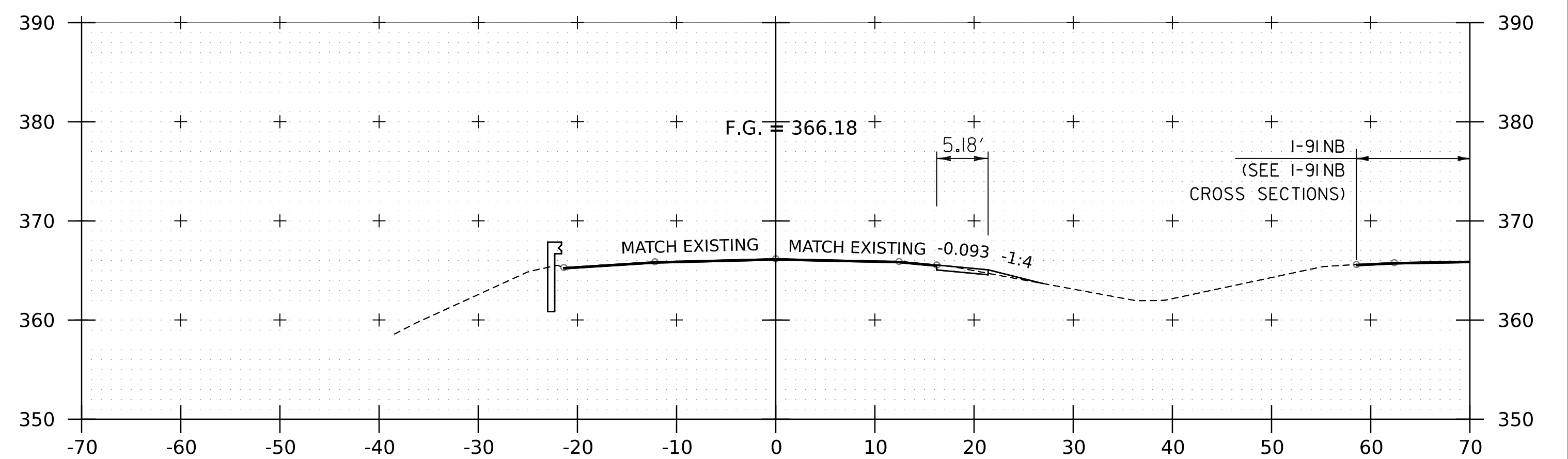
12165+00



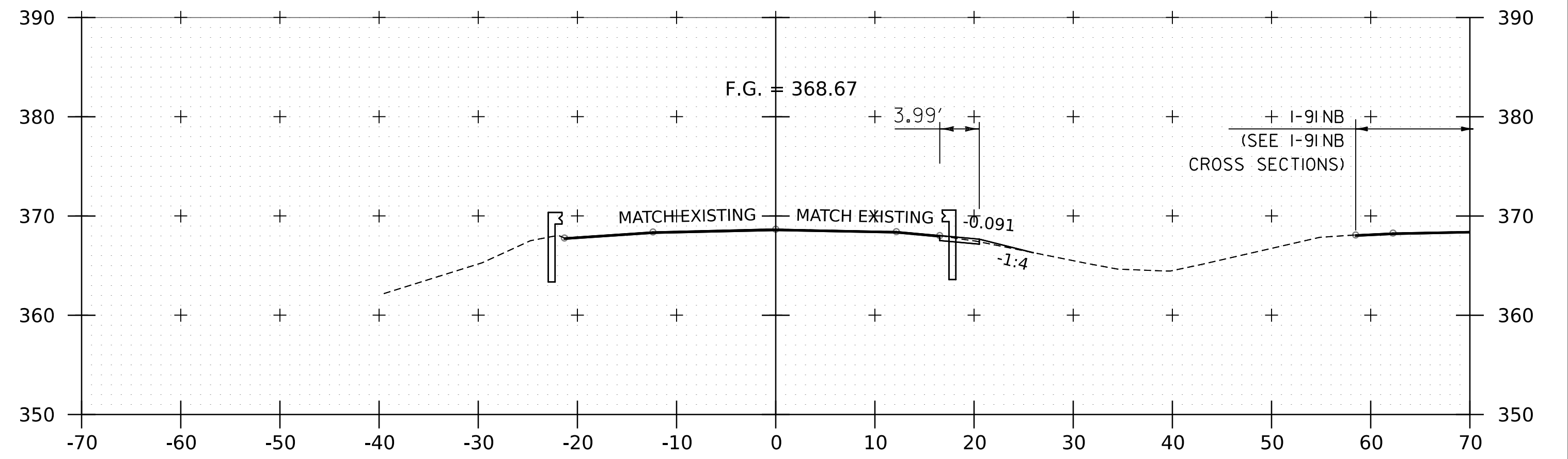
12164+50



12166+50



12166+00



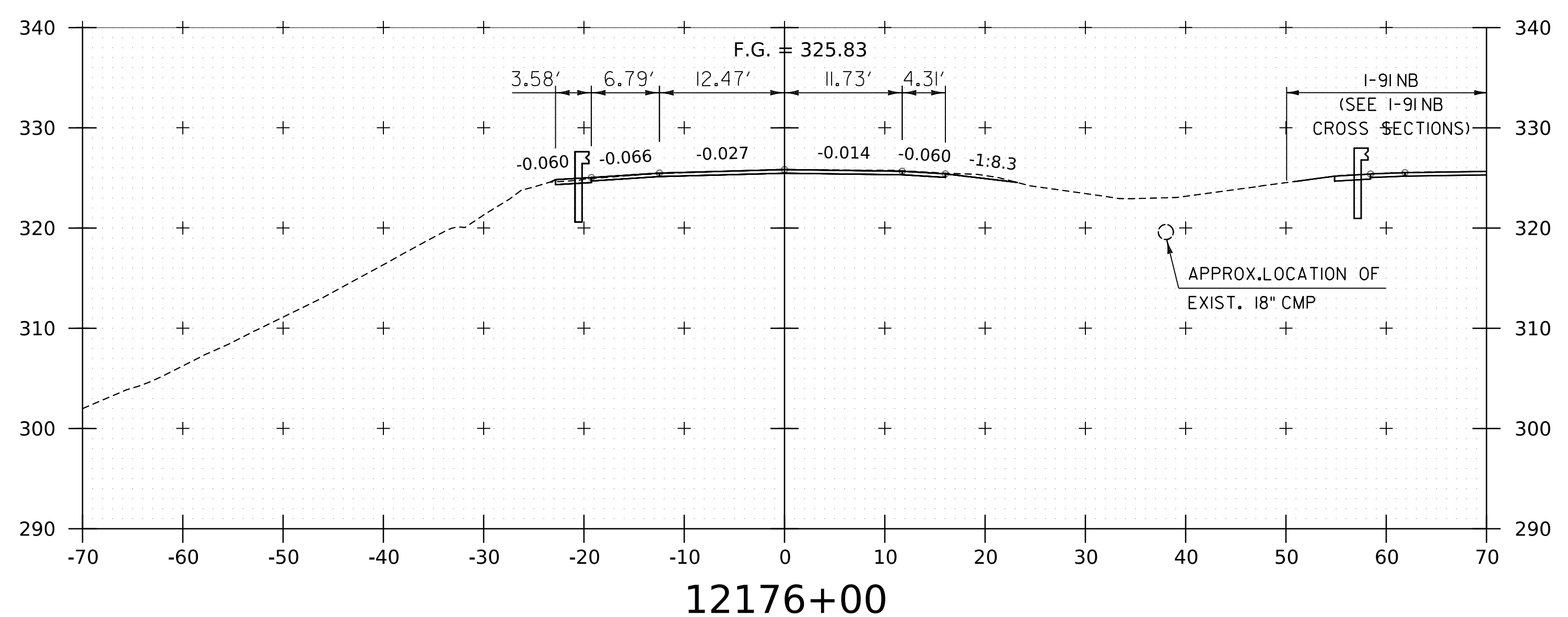
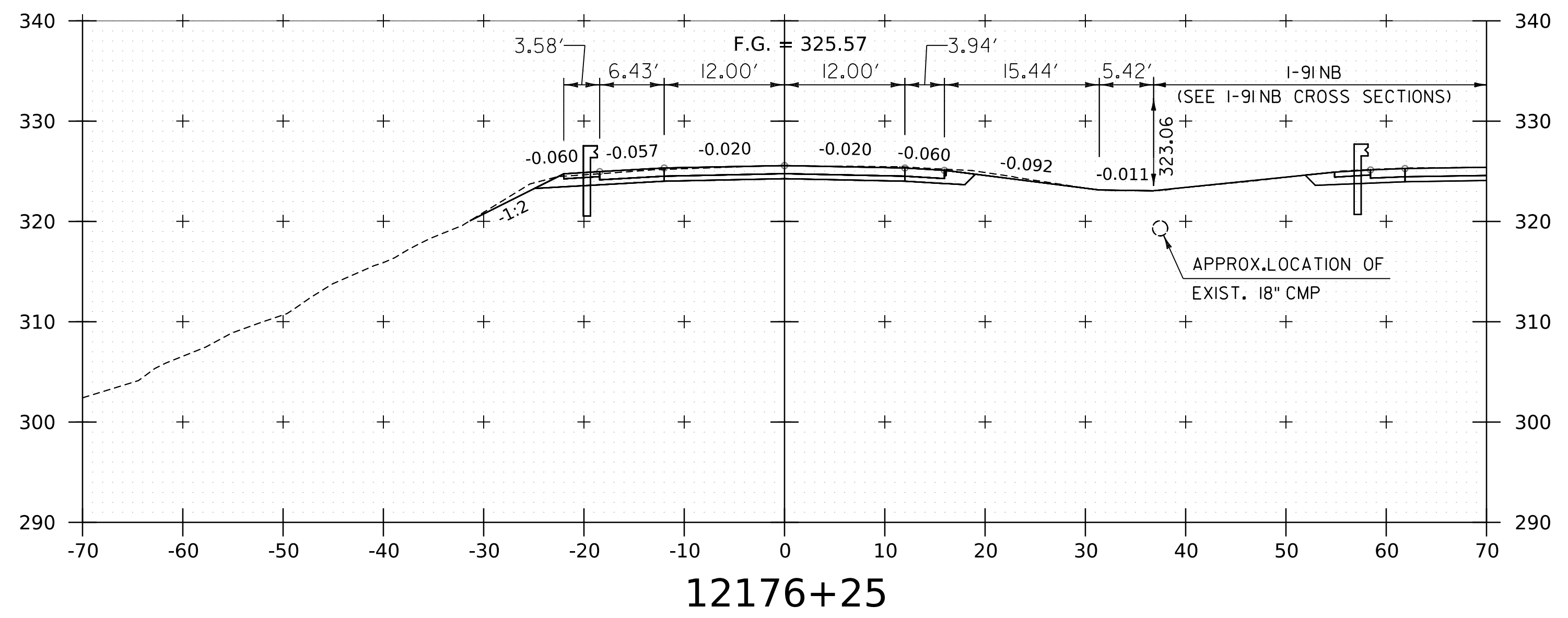
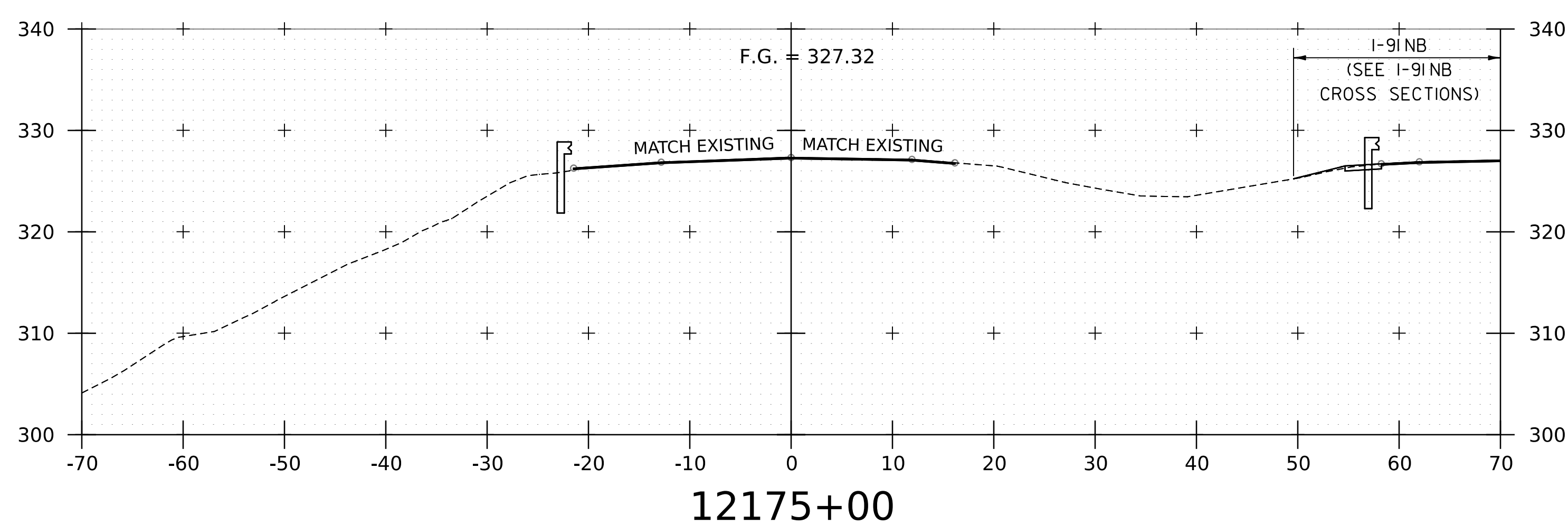
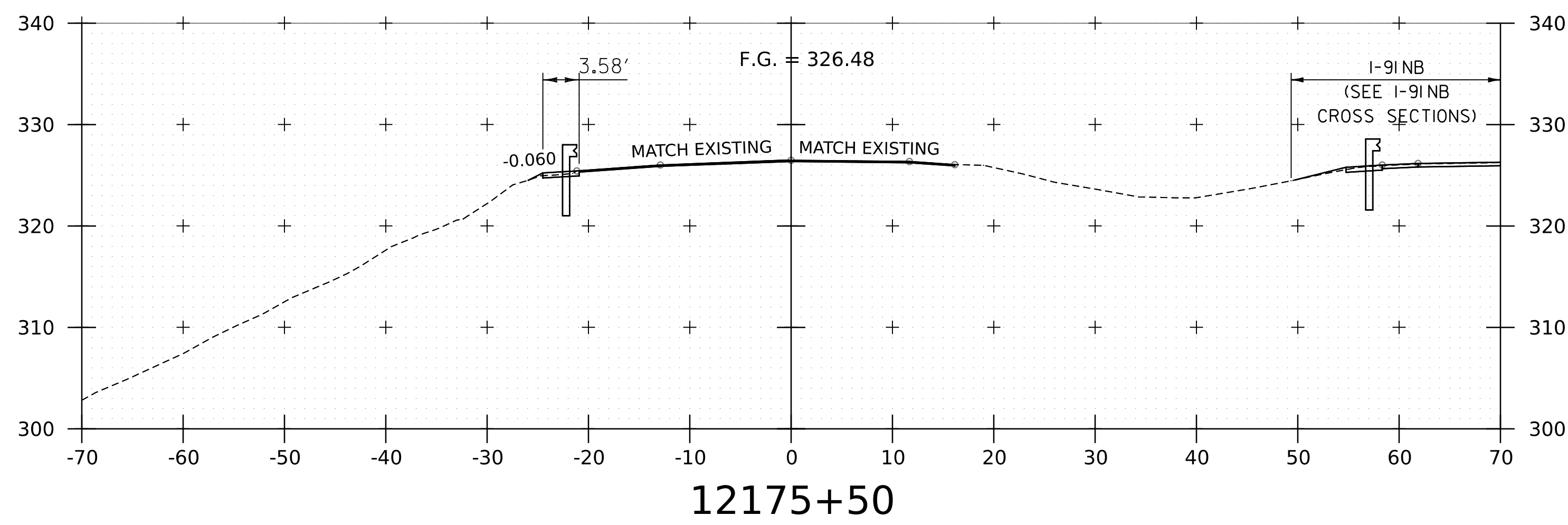
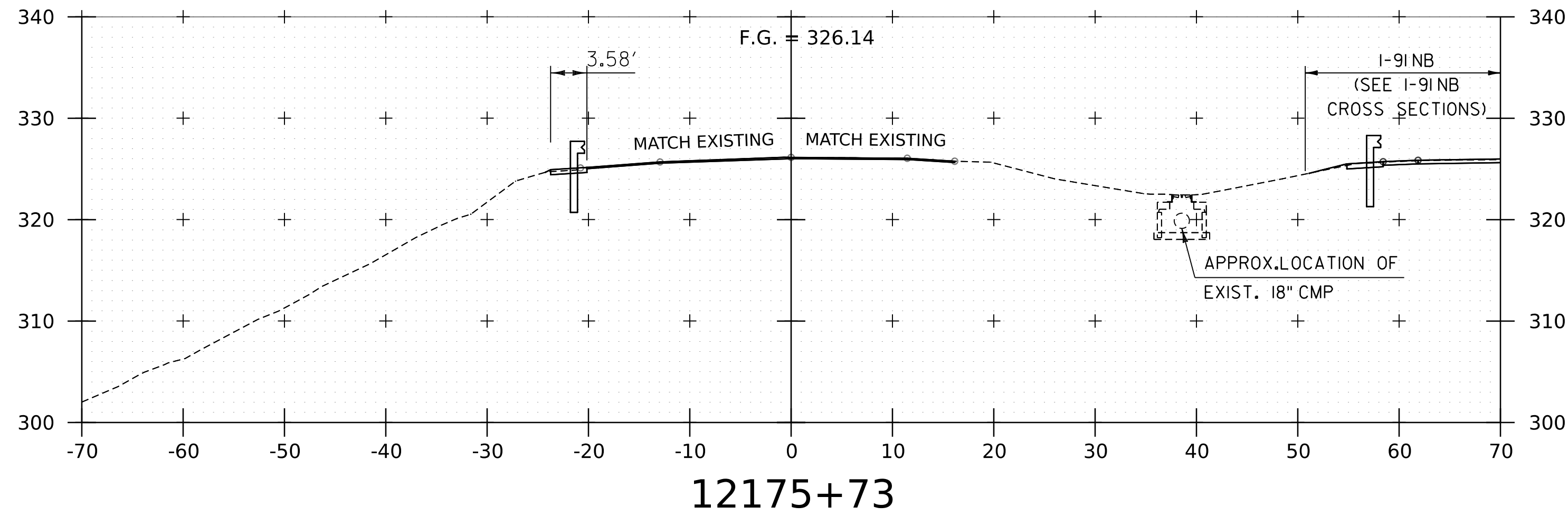
12165+50

NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 12166+50 AND 12175+00.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91.SB.25.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
I-91SB CROSS SECTIONS 7		SHEET 214 OF 439	



WORKING PLANS FOR REFERENCE ONLY

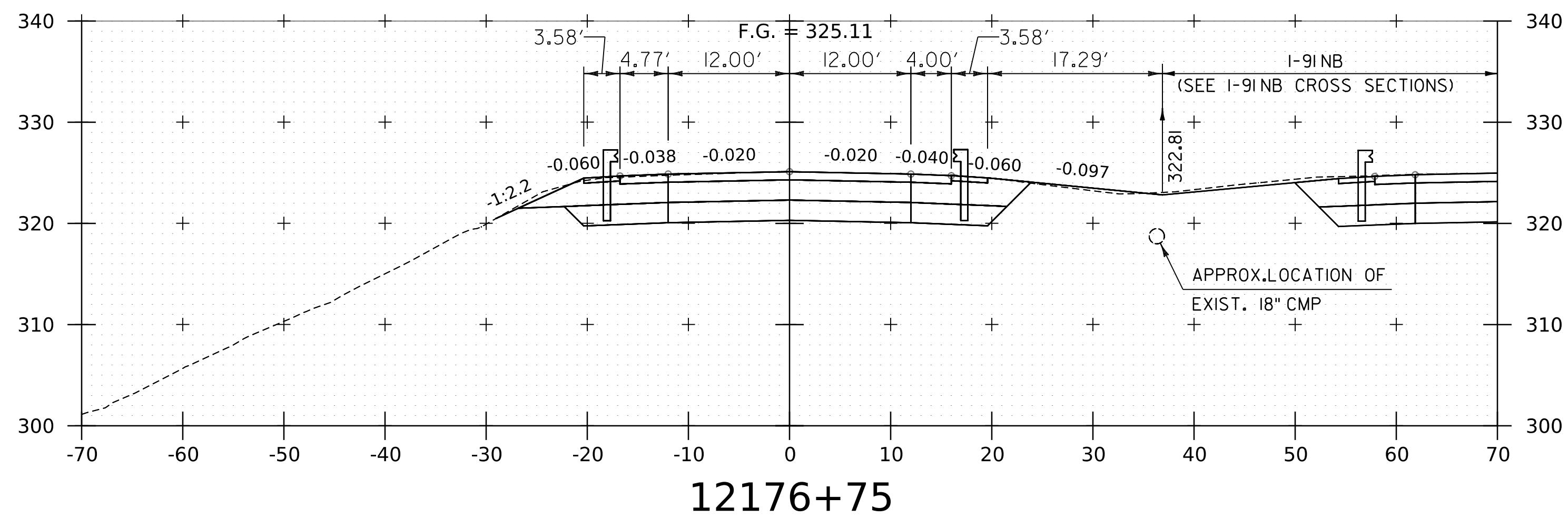
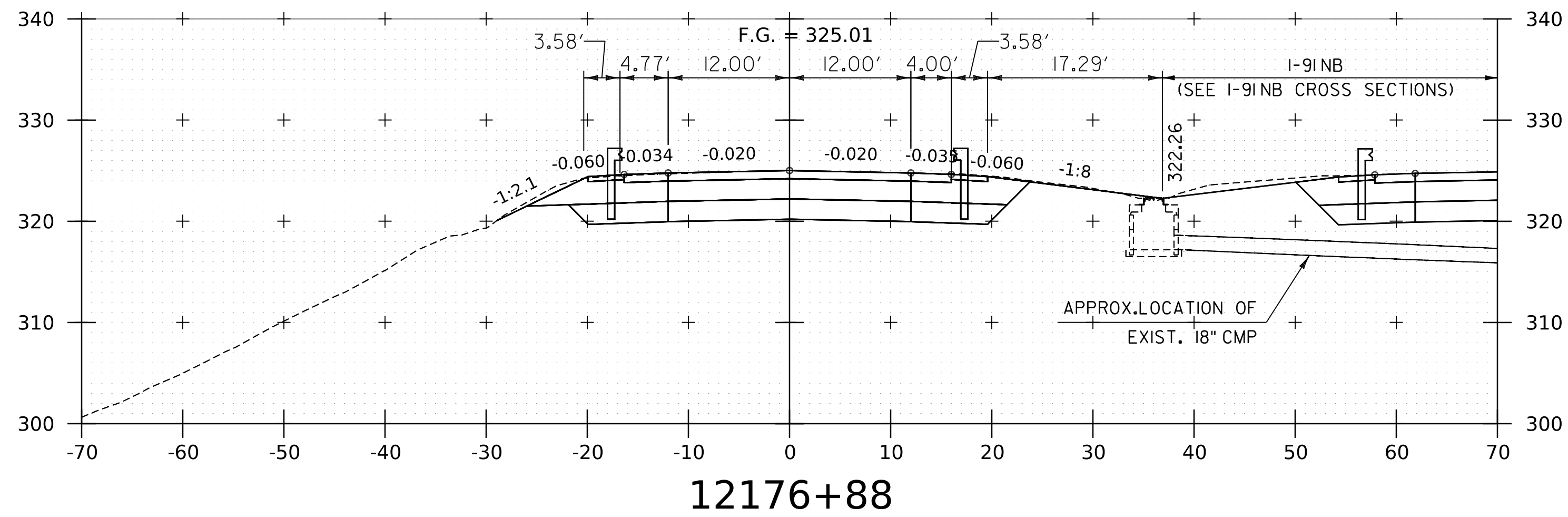


NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 12166+50 AND 12175+00.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

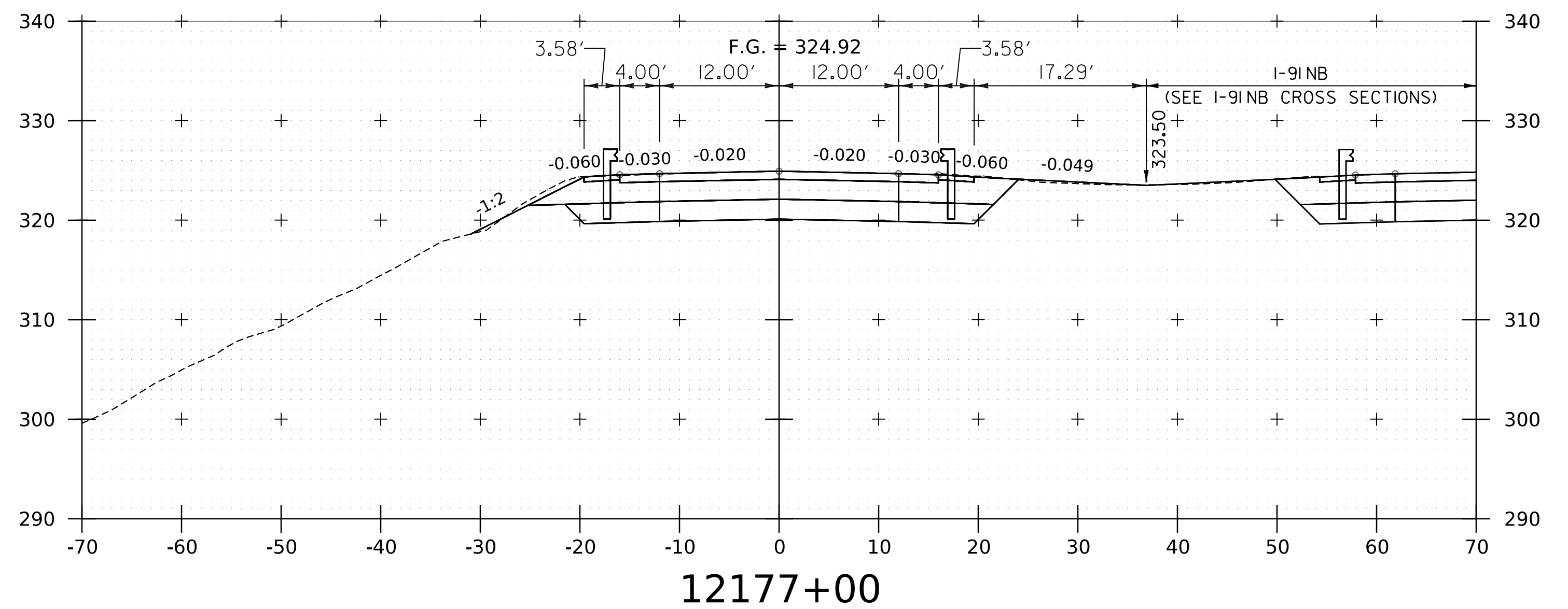
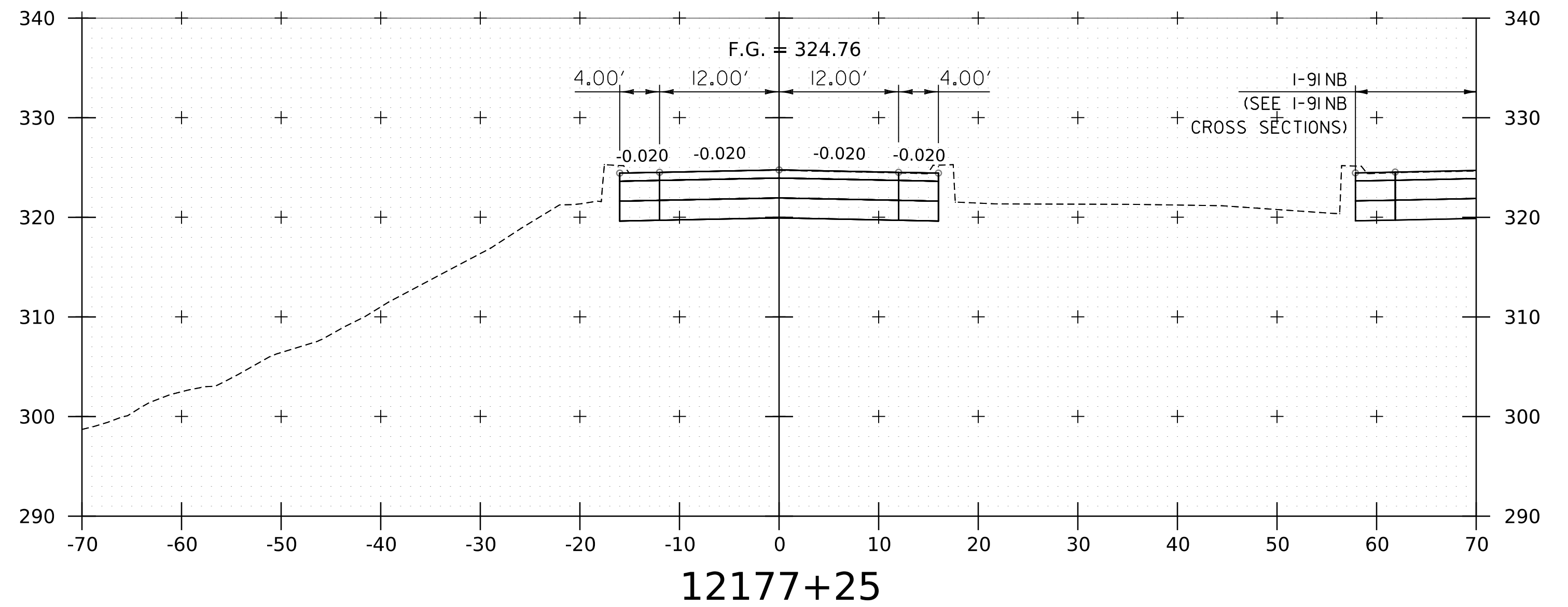
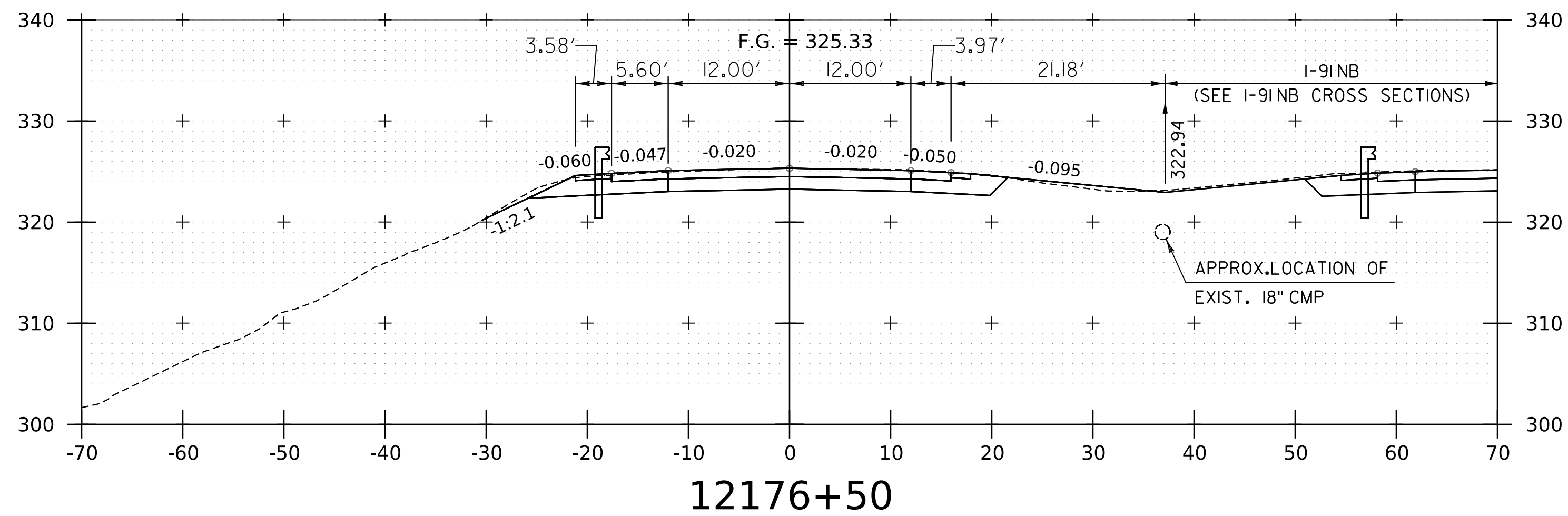
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91.SB.26.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91SB CROSS SECTIONS 8		SHEET 215 OF 439



WORKING PLANS FOR REFERENCE ONLY



RESUME SOUTHBOUND PROJECT



NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

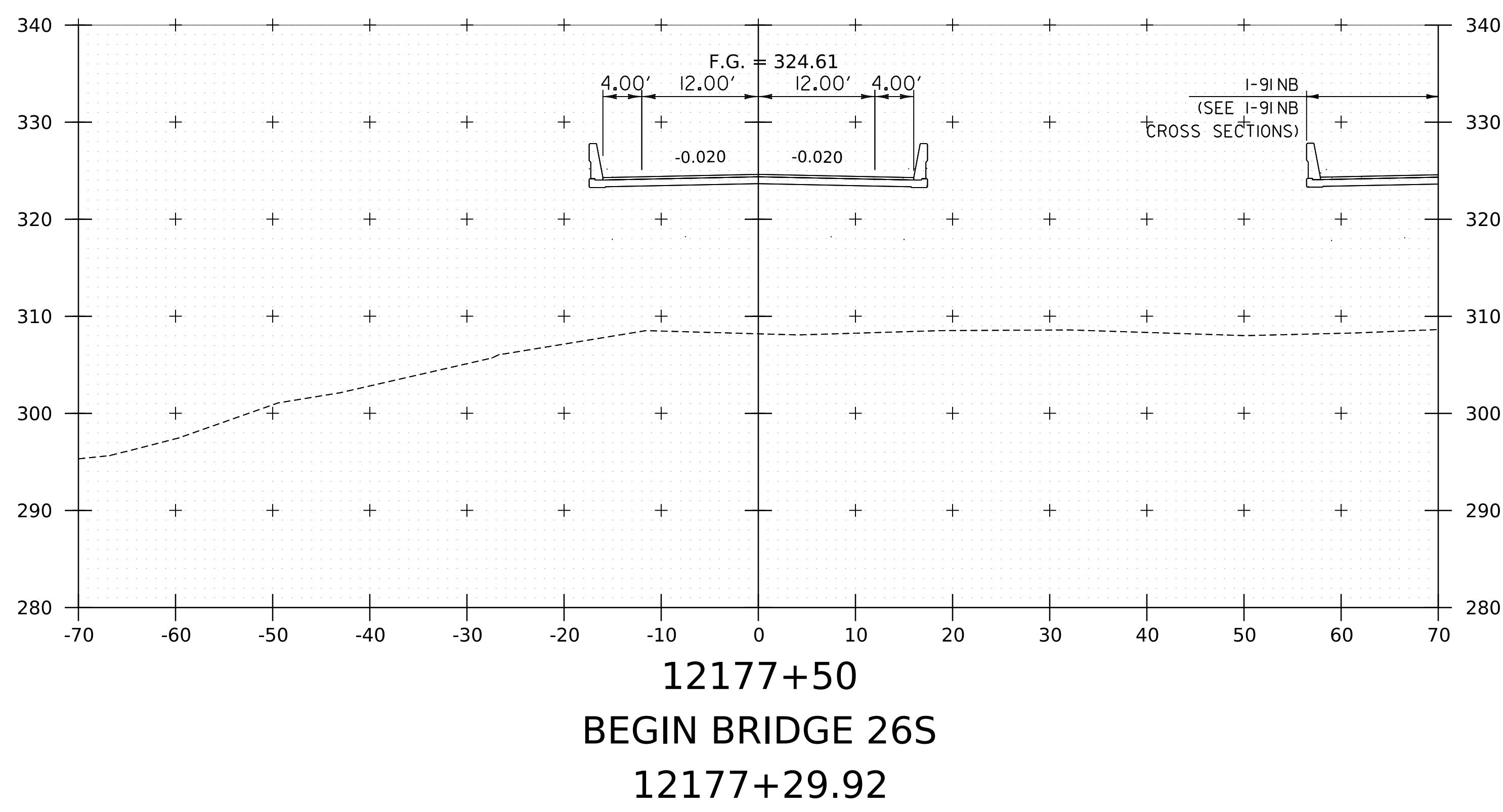
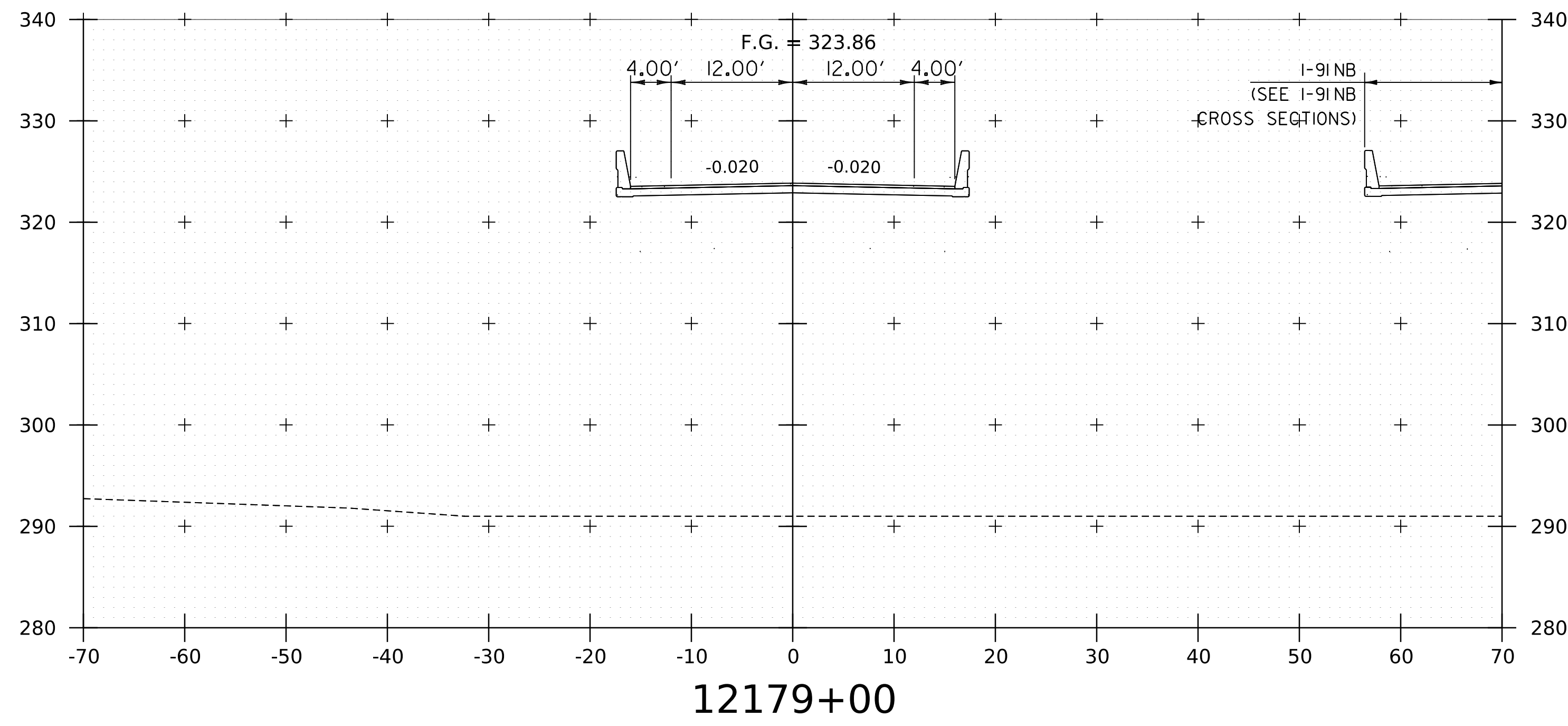
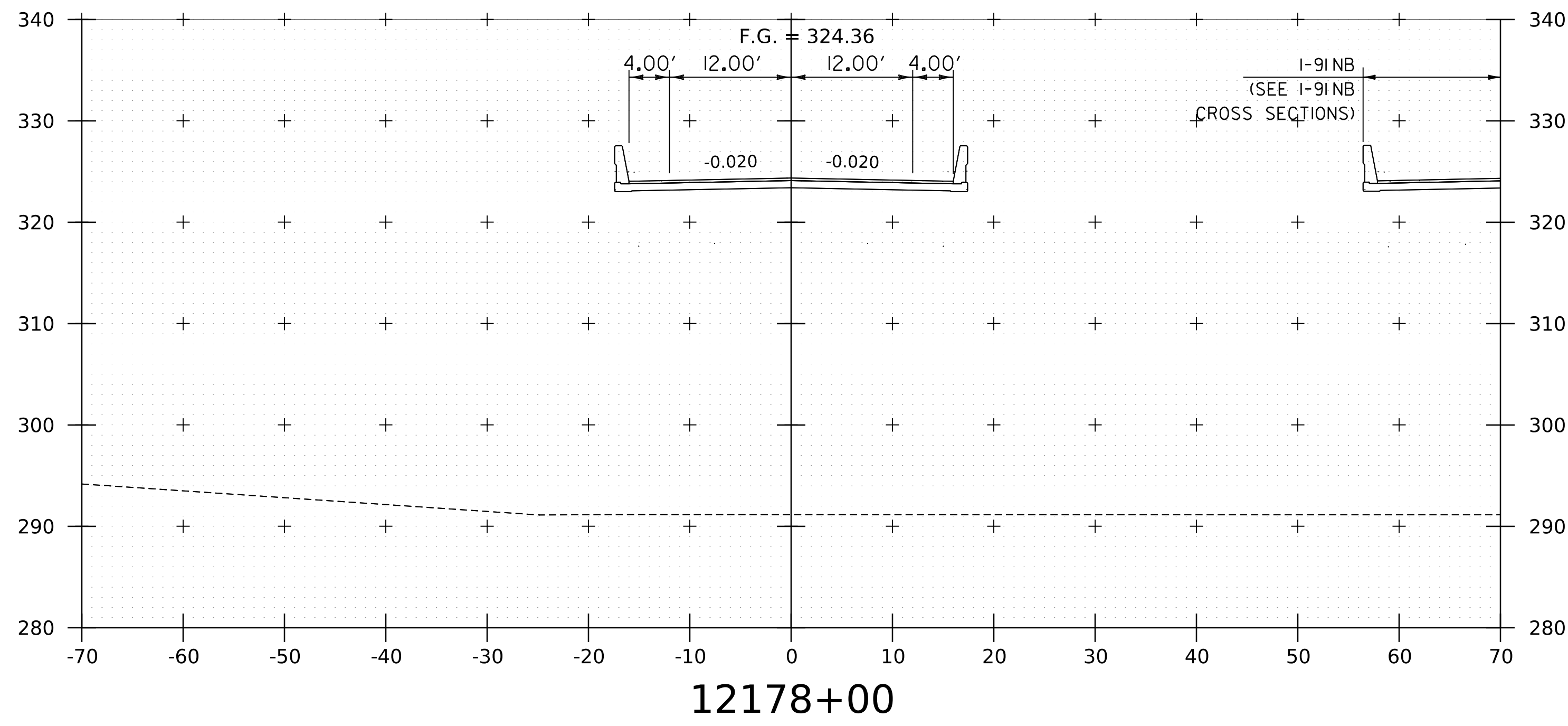
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 PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574xs.I-91.SB.26.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 SB CROSS SECTIONS 9

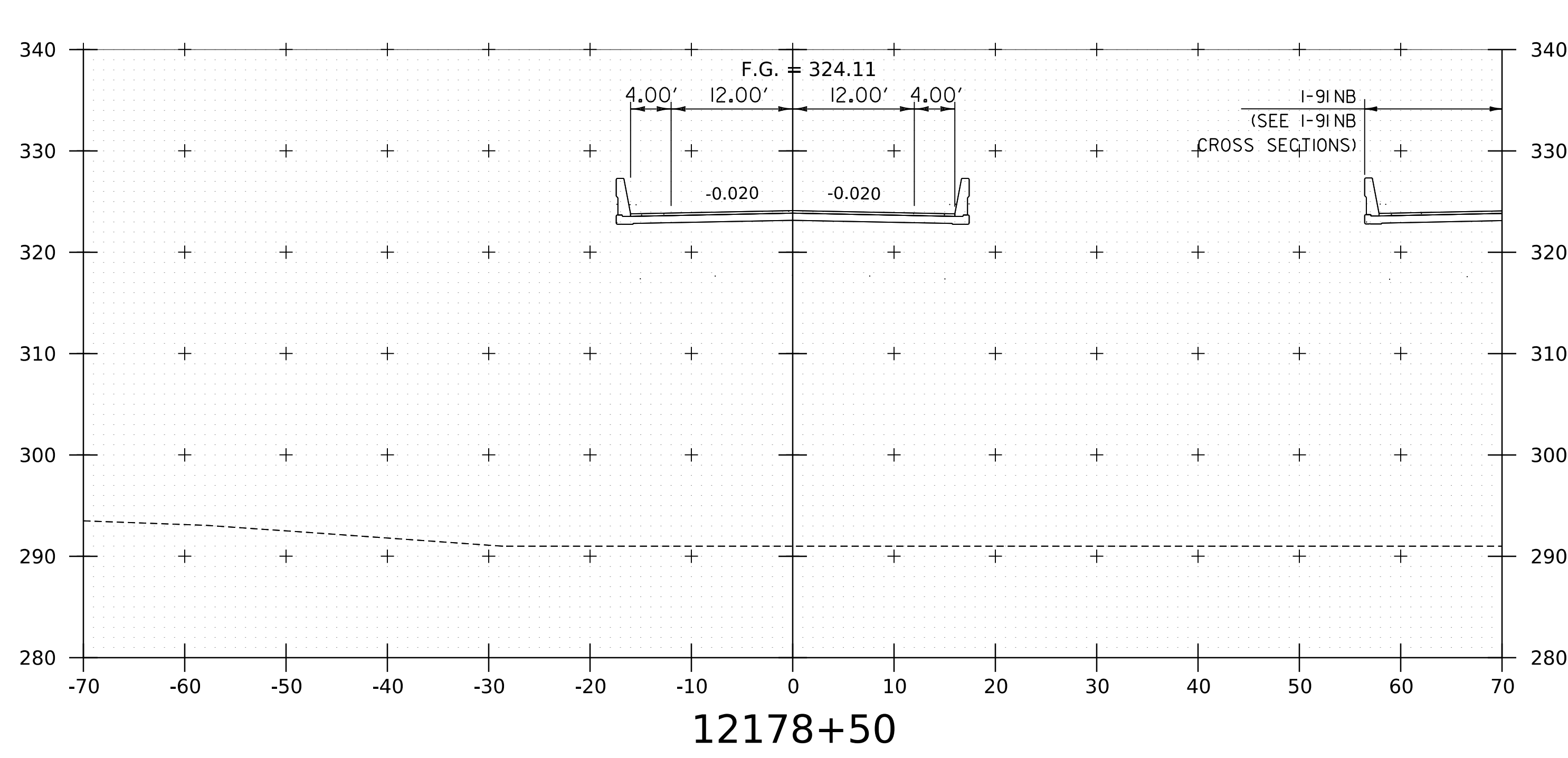
PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 216 OF 439



WORKING PLANS FOR REFERENCE ONLY



BEGIN BRIDGE 26S
12177+29.92

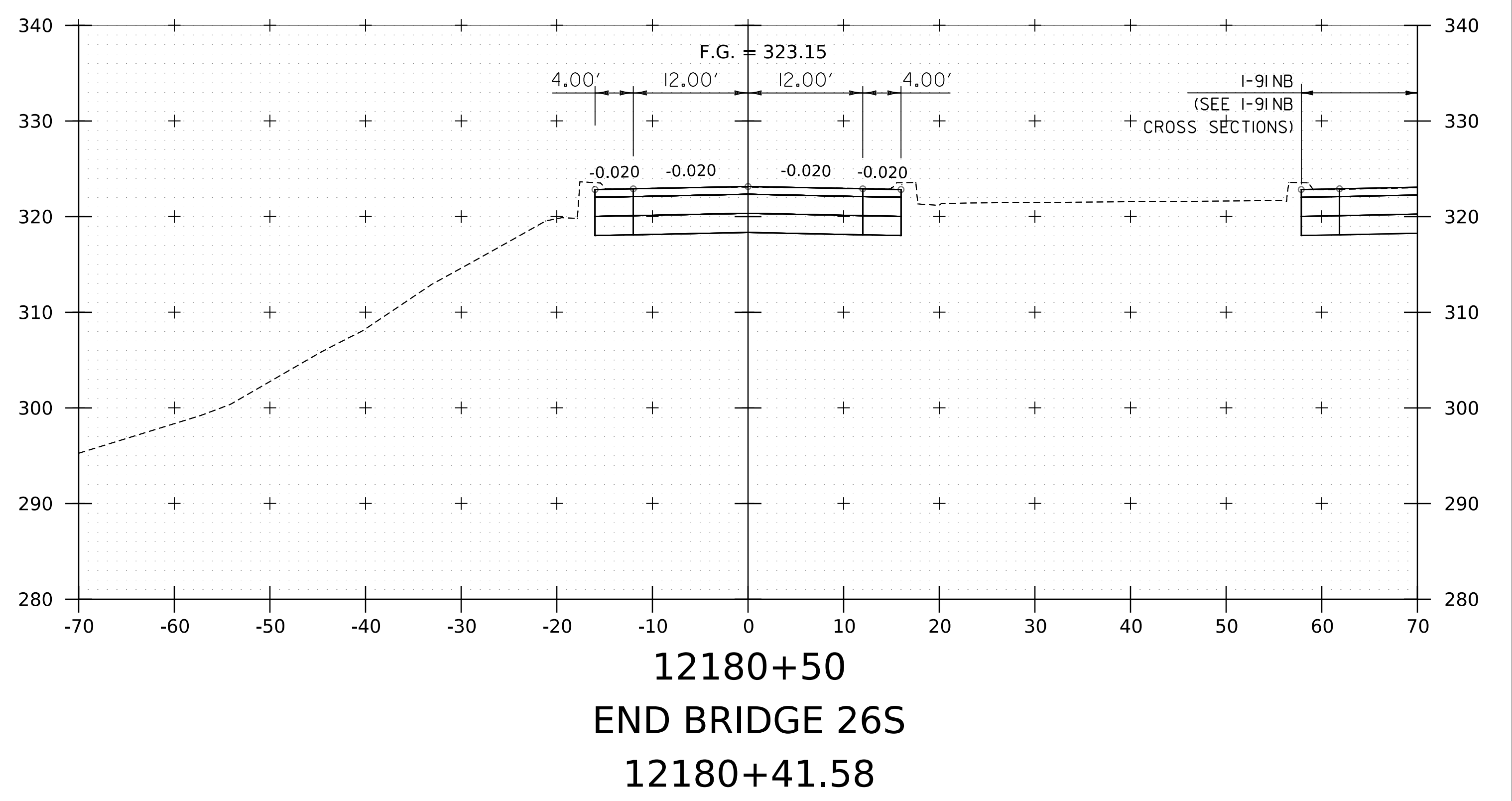
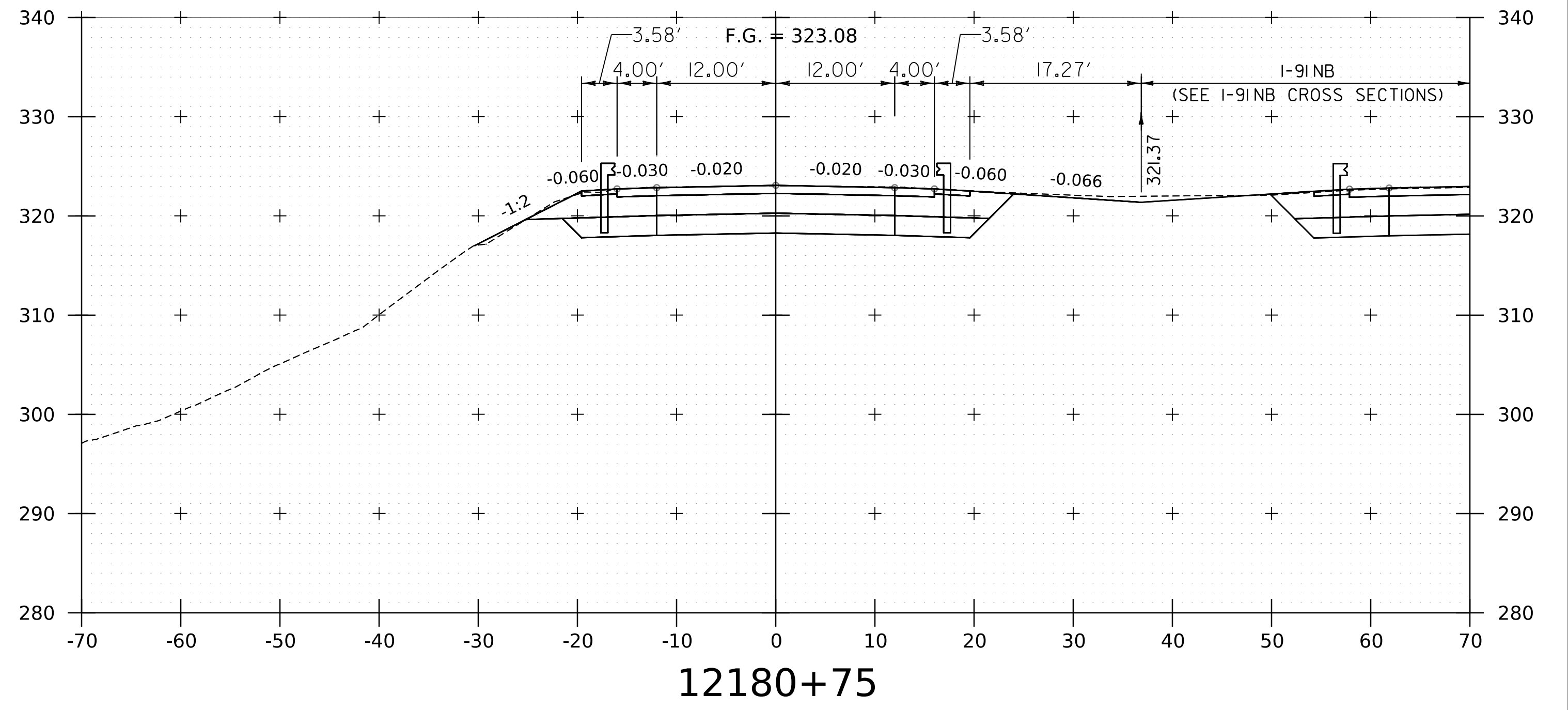
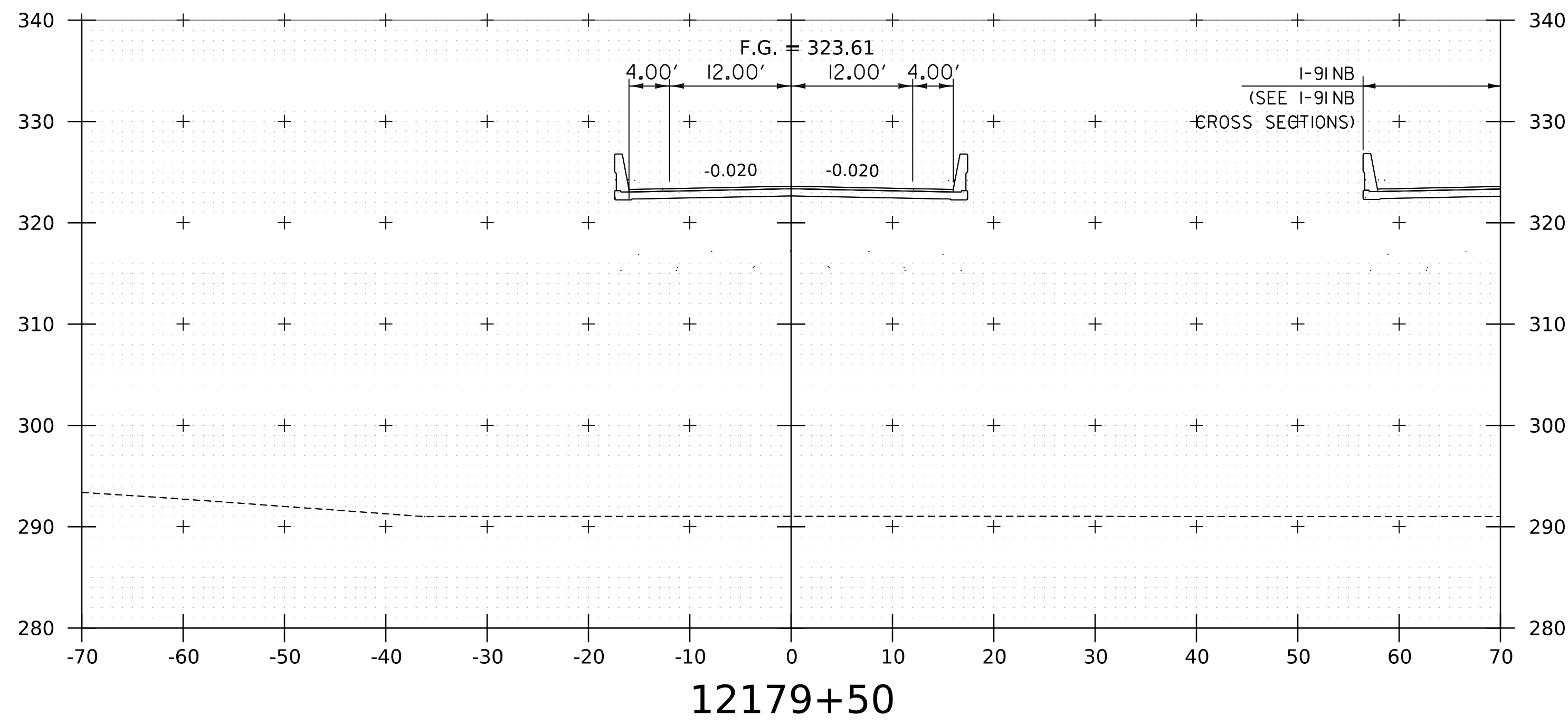
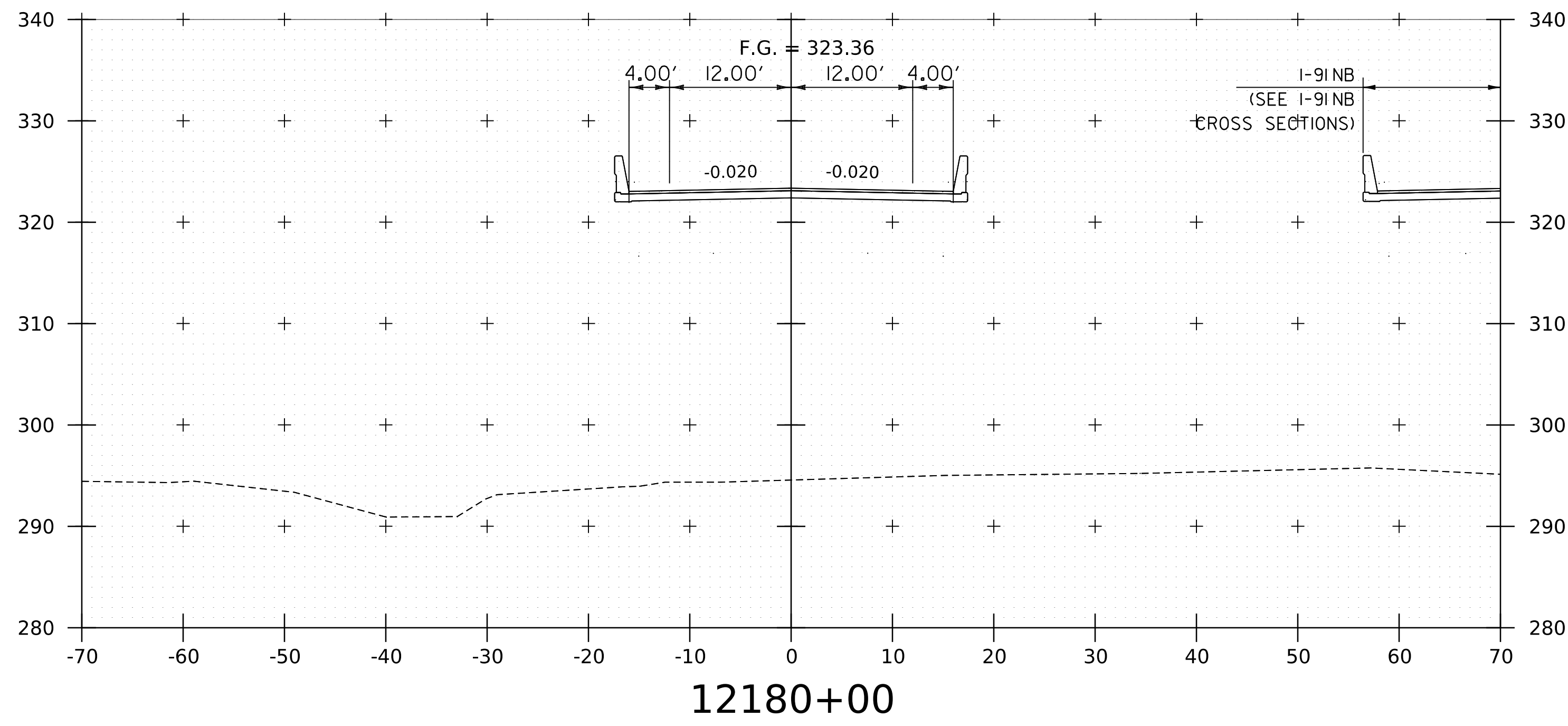


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_SB.26.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 217 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 10	



WORKING PLANS FOR REFERENCE ONLY

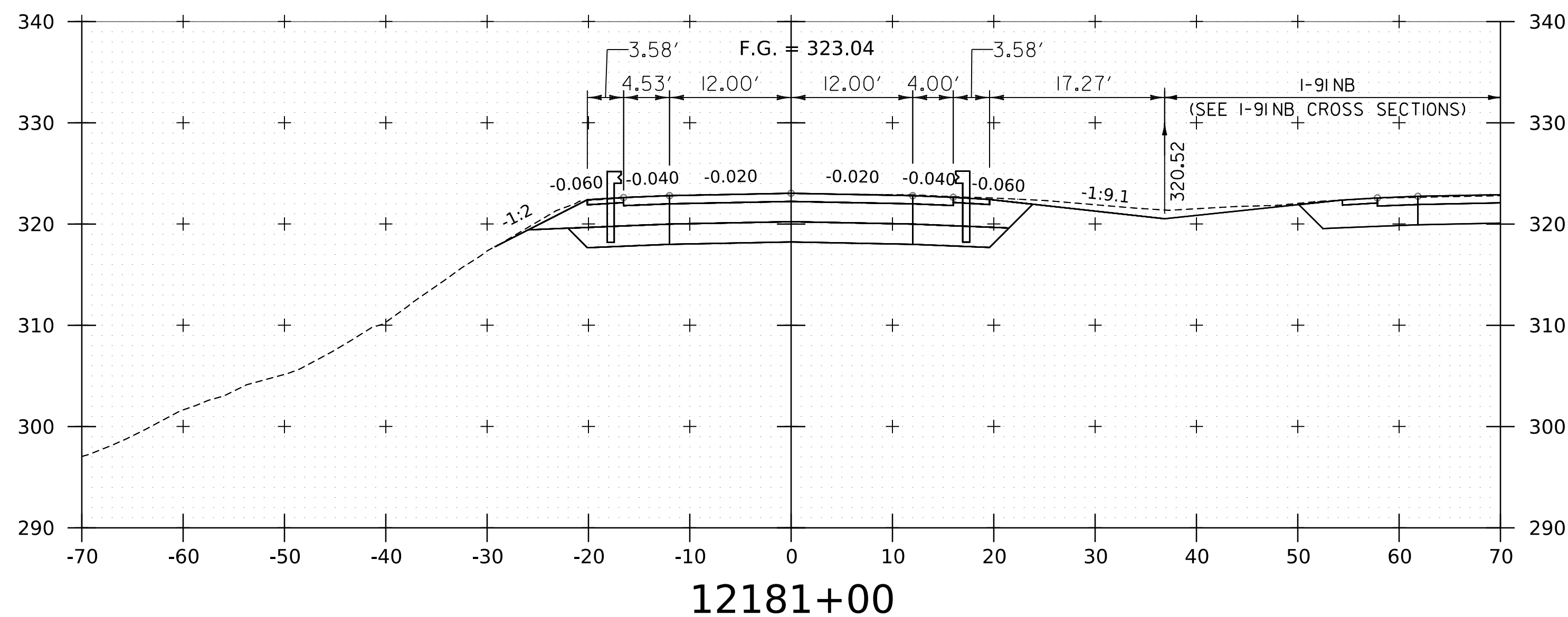
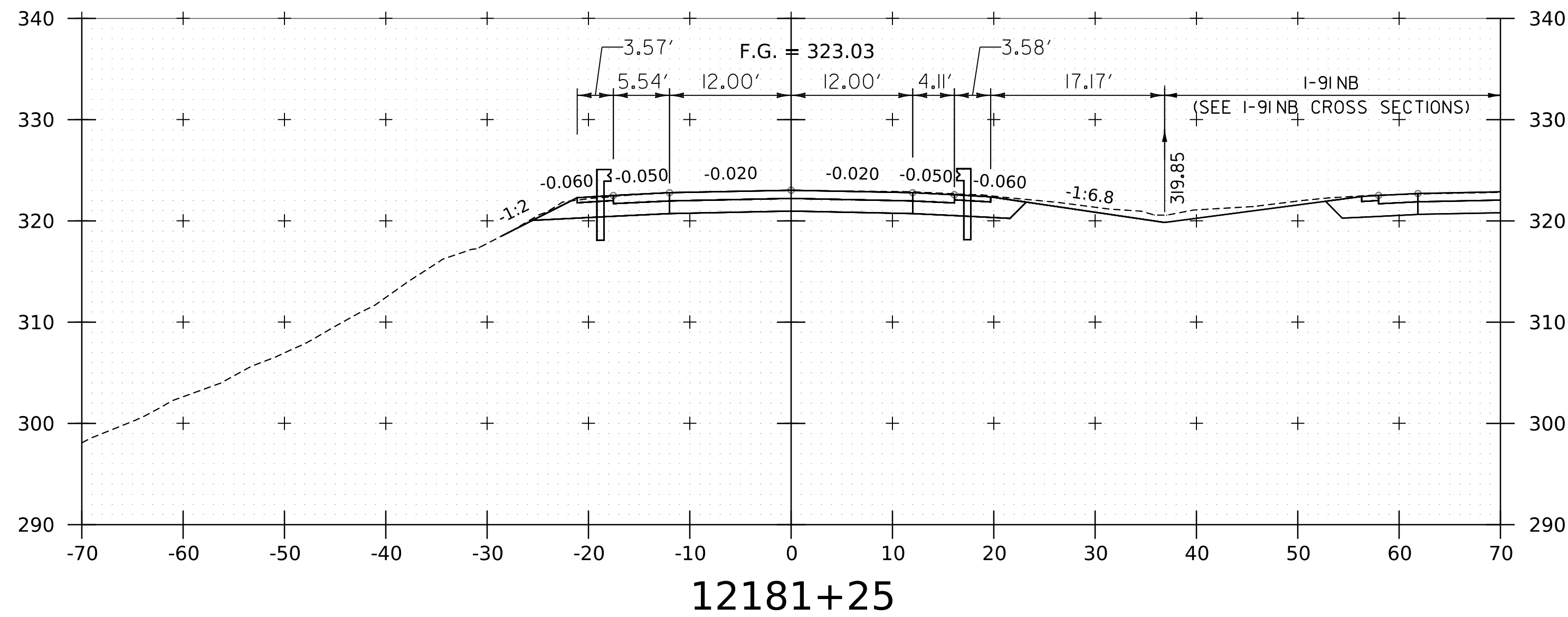


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

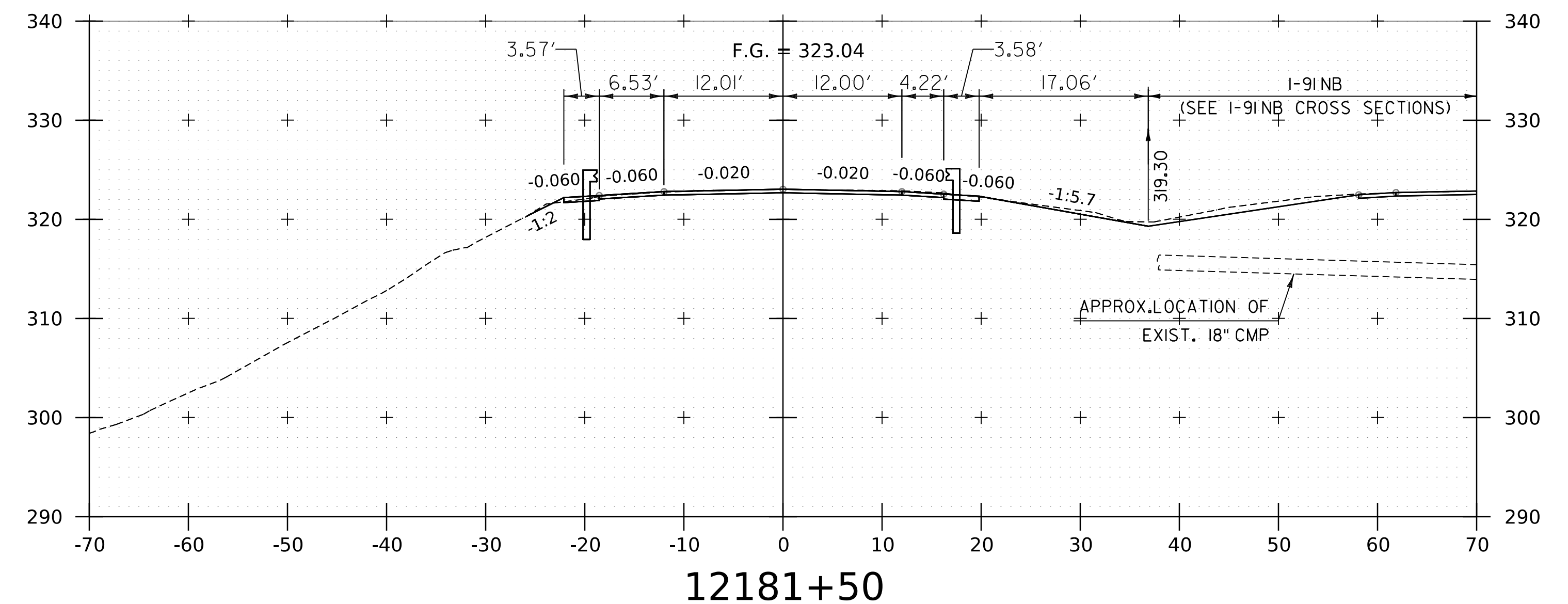
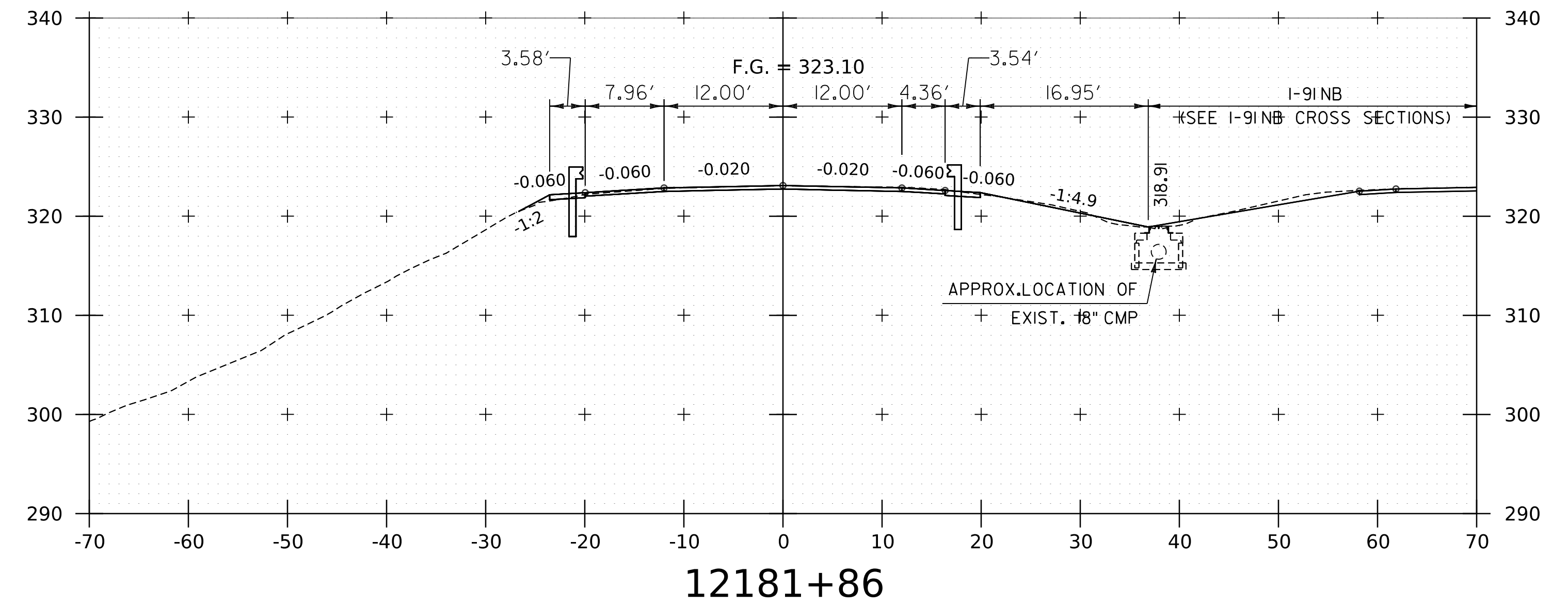
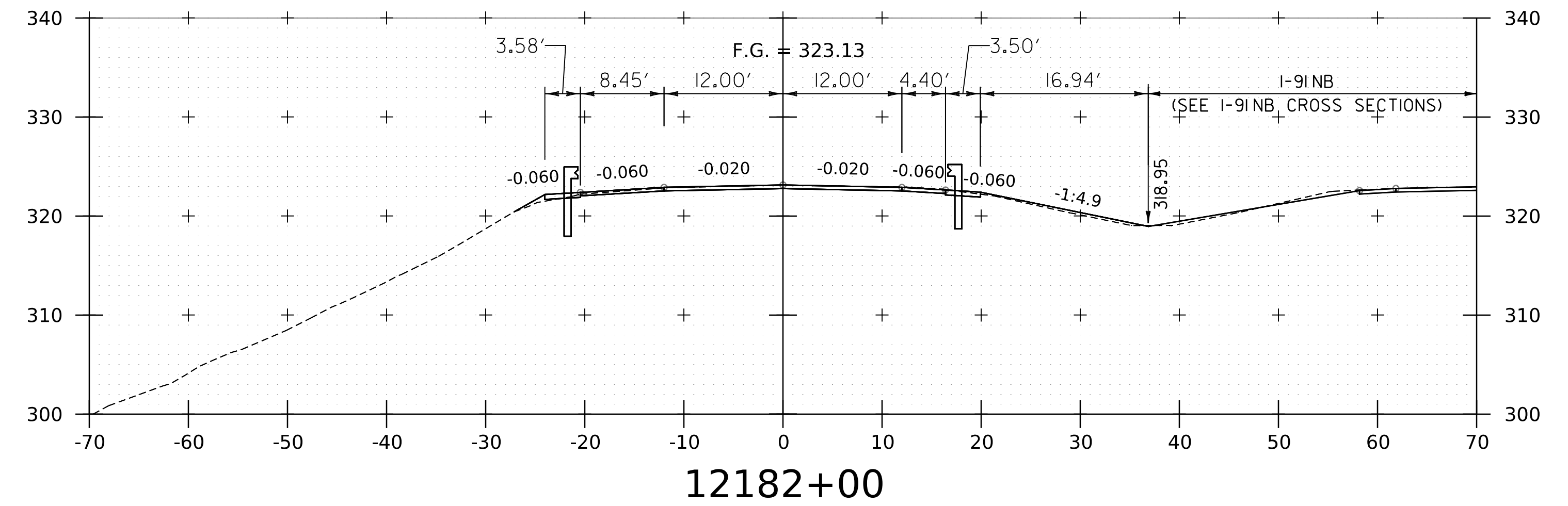
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91_SB.26.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91SB CROSS SECTIONS II		SHEET 218 OF 439



WORKING PLANS FOR REFERENCE ONLY



STOP SOUTHBOUND PROJECT

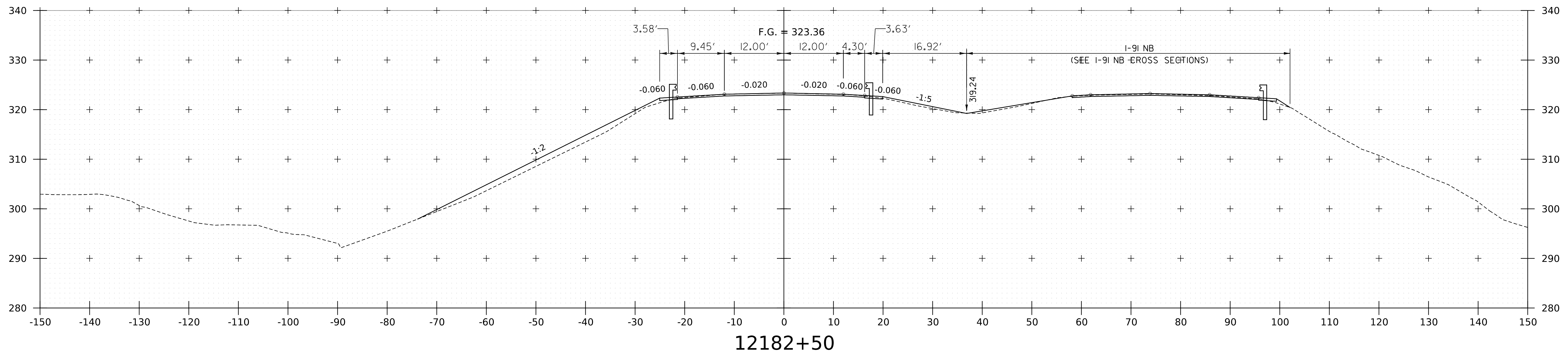
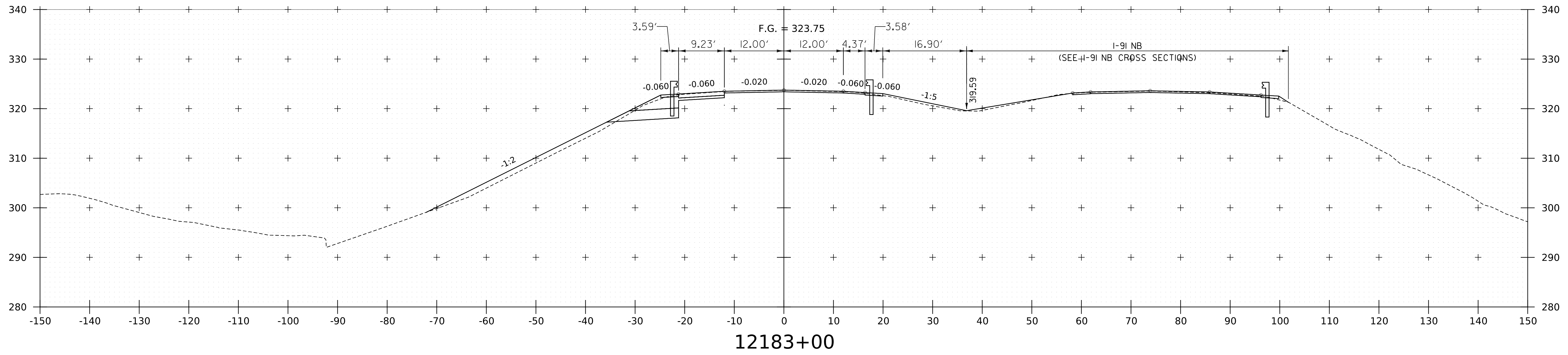


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_1-91_SB_26.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91SB CROSS SECTIONS 12		SHEET	219 OF 439



WORKING PLANS FOR REFERENCE ONLY

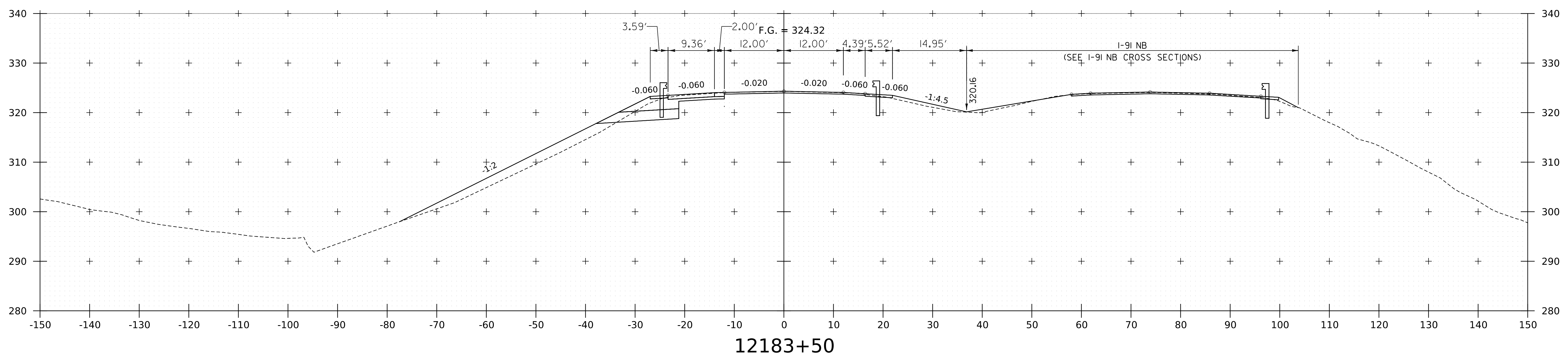
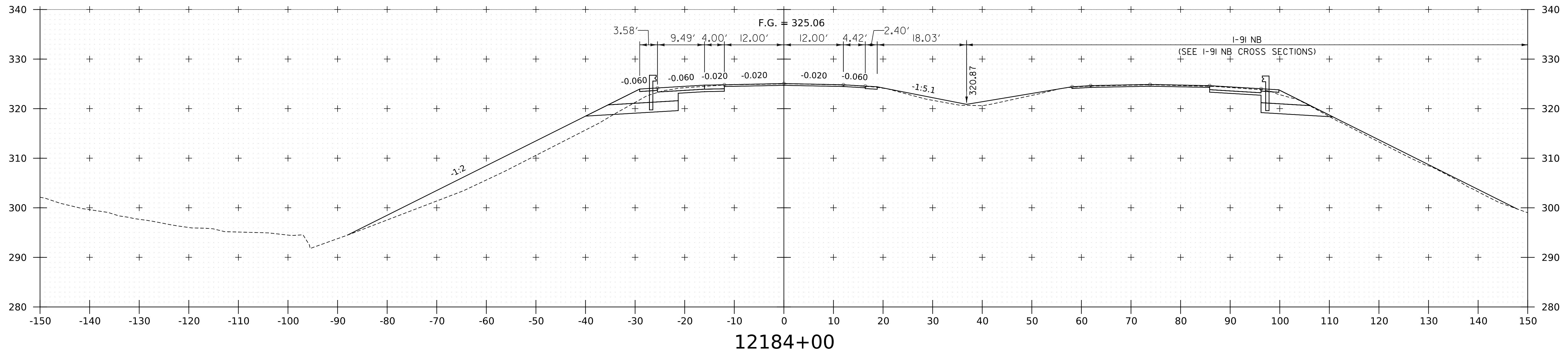


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 220 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB CROSS SECTIONS 13	

WORKING PLANS FOR REFERENCE ONLY

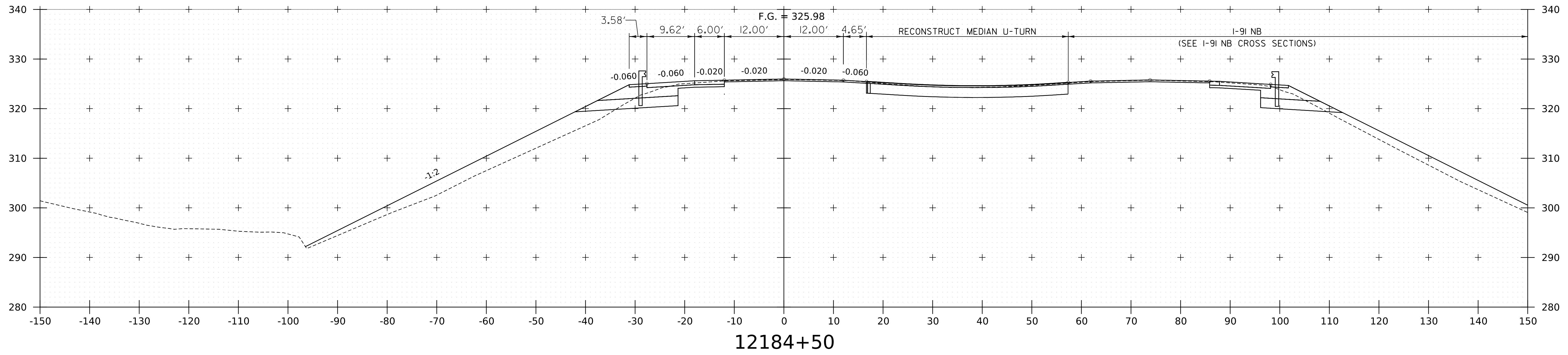
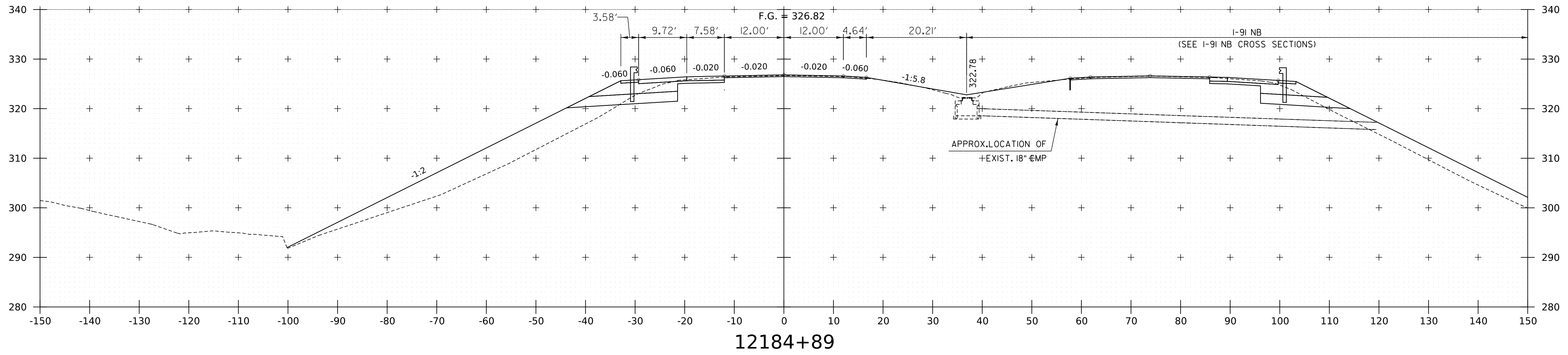


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 221 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB CROSS SECTIONS 14	

WORKING PLANS FOR REFERENCE ONLY

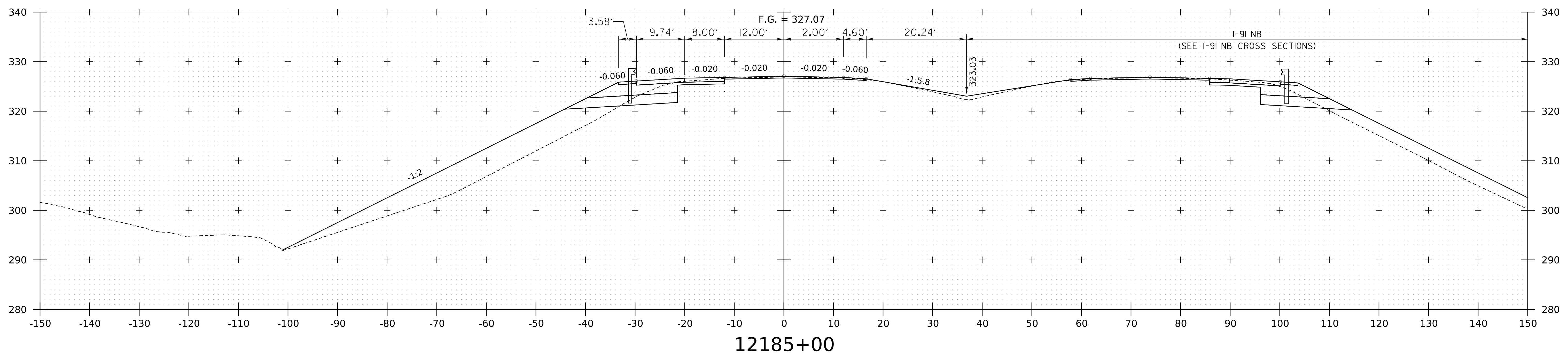
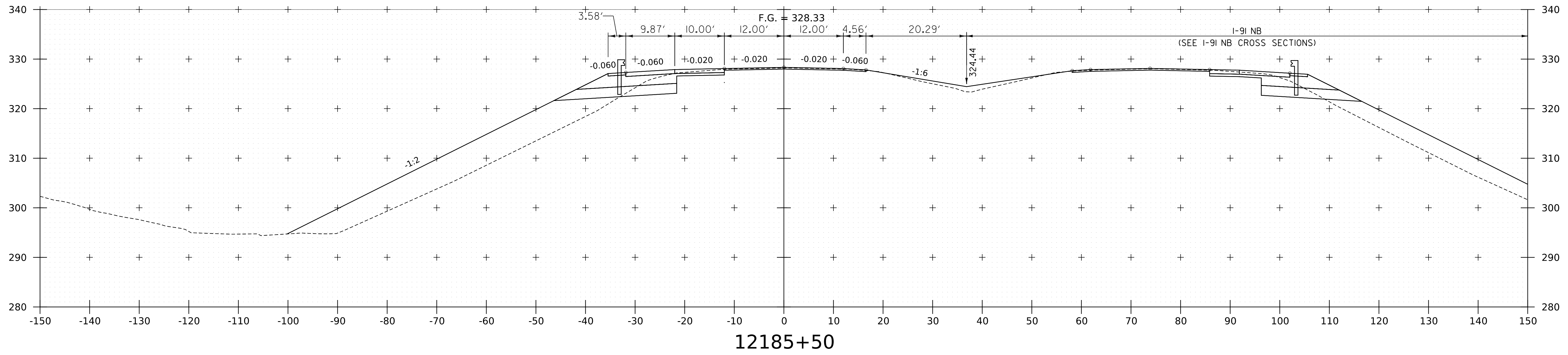


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91_SB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	222 OF 439
DESIGNED BY:	C. HELMICK		
I-91SB CROSS SECTIONS 16			



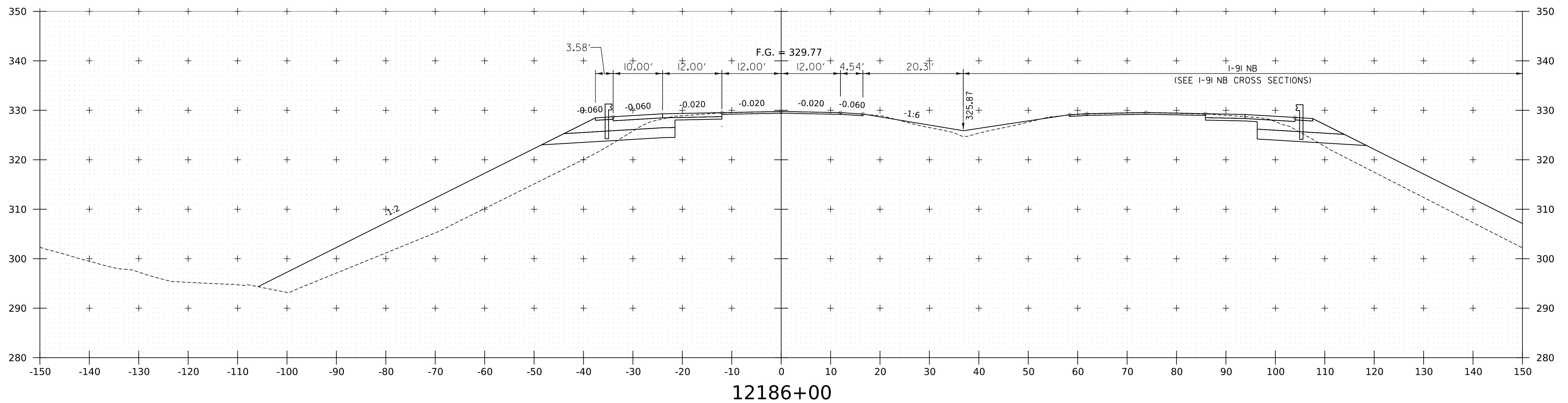
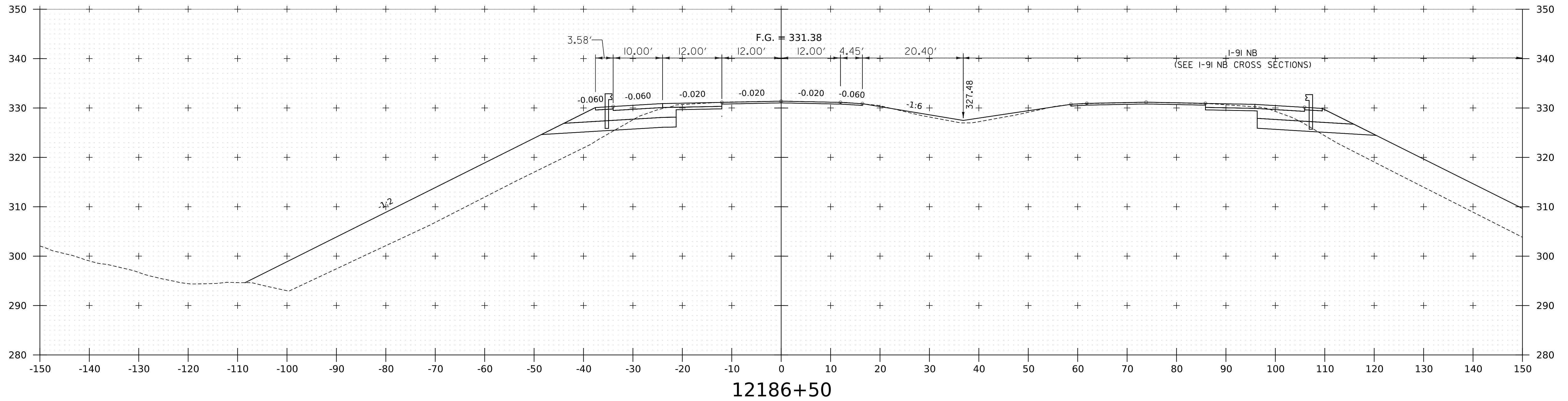
WORKING PLANS FOR REFERENCE ONLY



NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



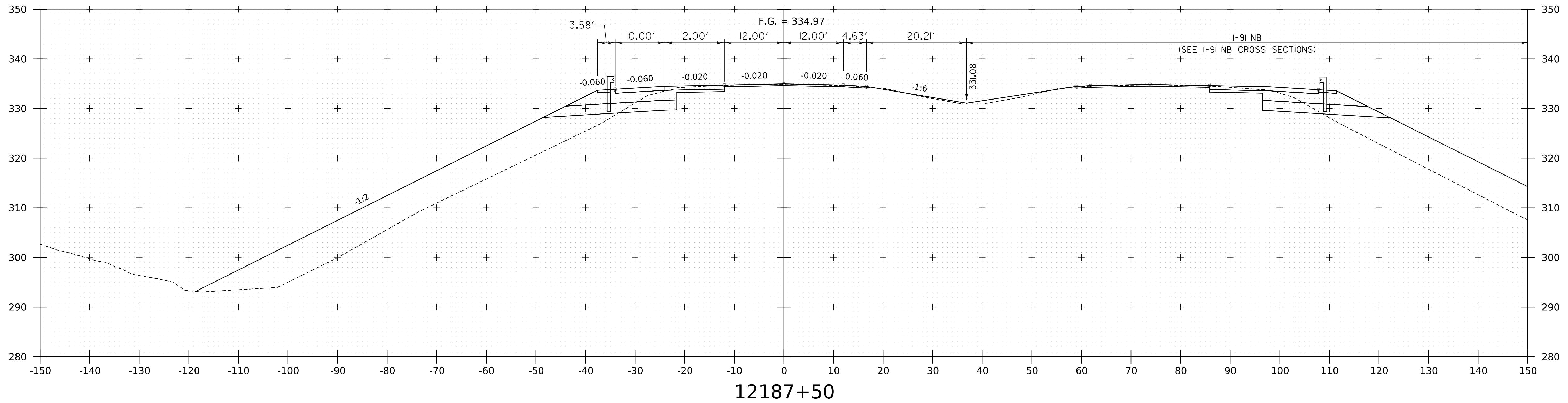
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 223 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 17	



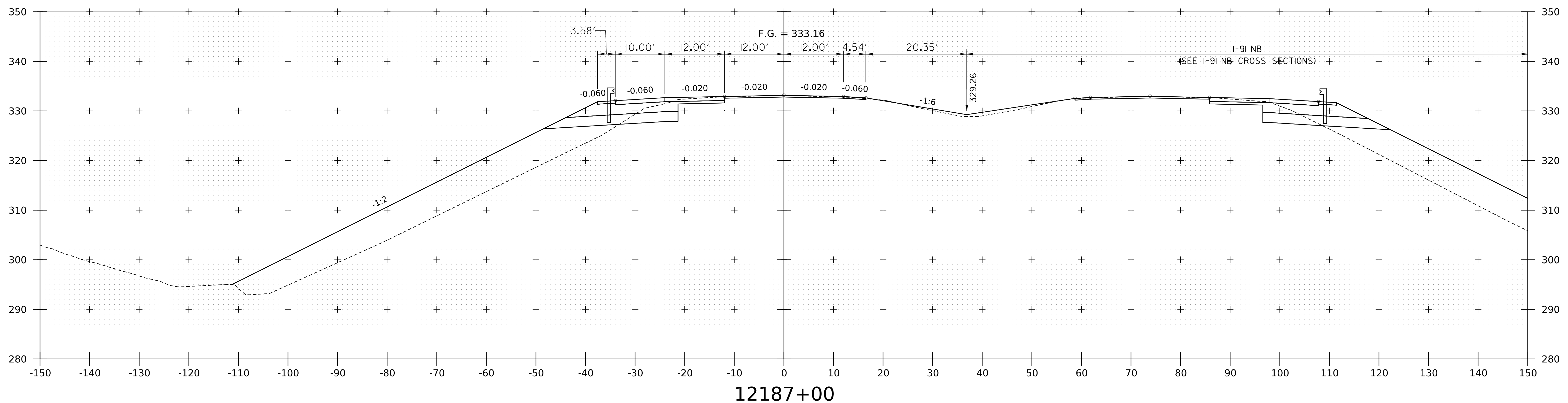
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_1-91_SB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	224 OF 439
DESIGNED BY:	C. HELMICK		
I-91SB CROSS SECTIONS 18			





12187+50



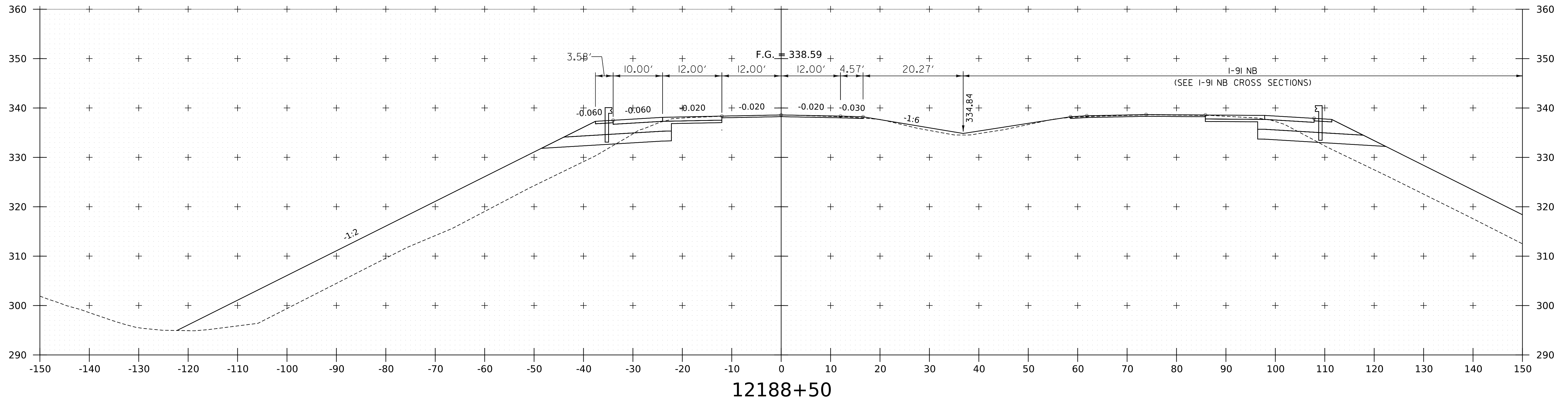
12187+00

WORKING PLANS FOR REFERENCE ONLY

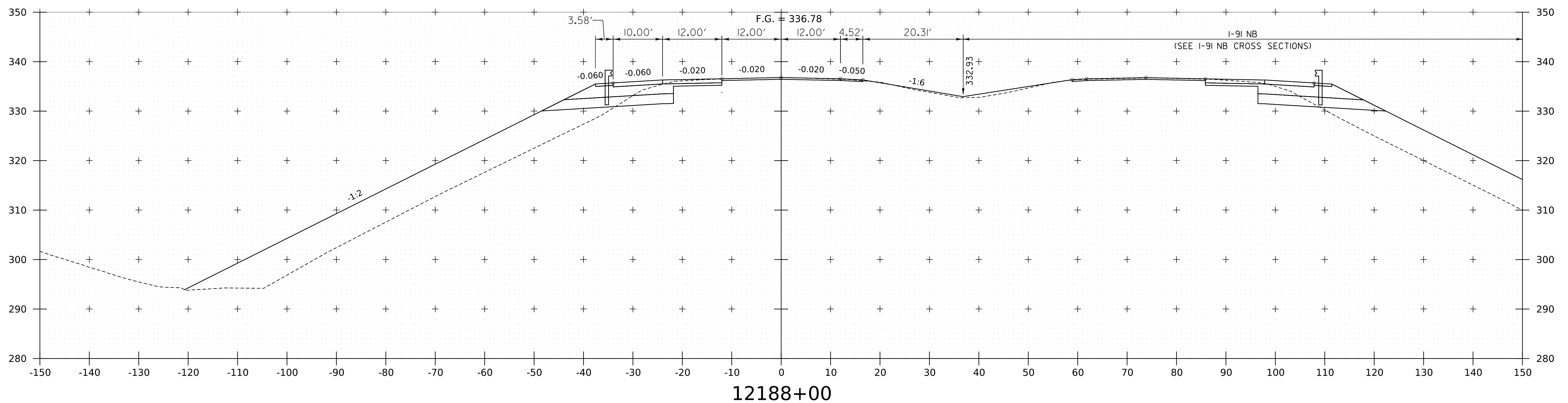
NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
 AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91_SB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	225 OF 439
DESIGNED BY:	C. HELMICK		
I-91SB CROSS SECTIONS I9			



12188+50



12188+00

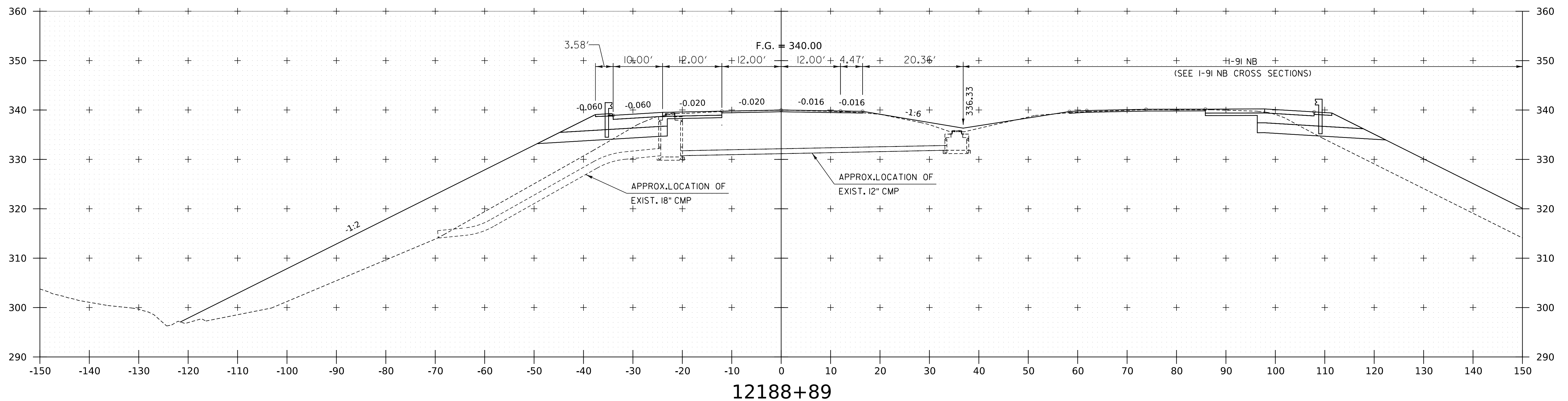
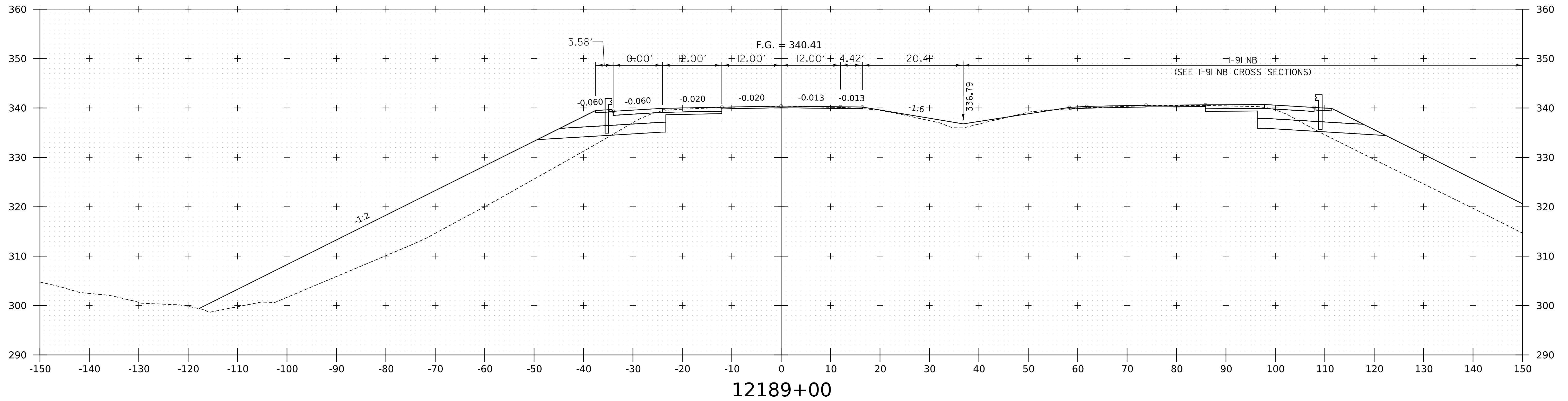
WORKING PLANS FOR REFERENCE ONLY

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_I-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 226 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 20	

WORKING PLANS FOR REFERENCE ONLY

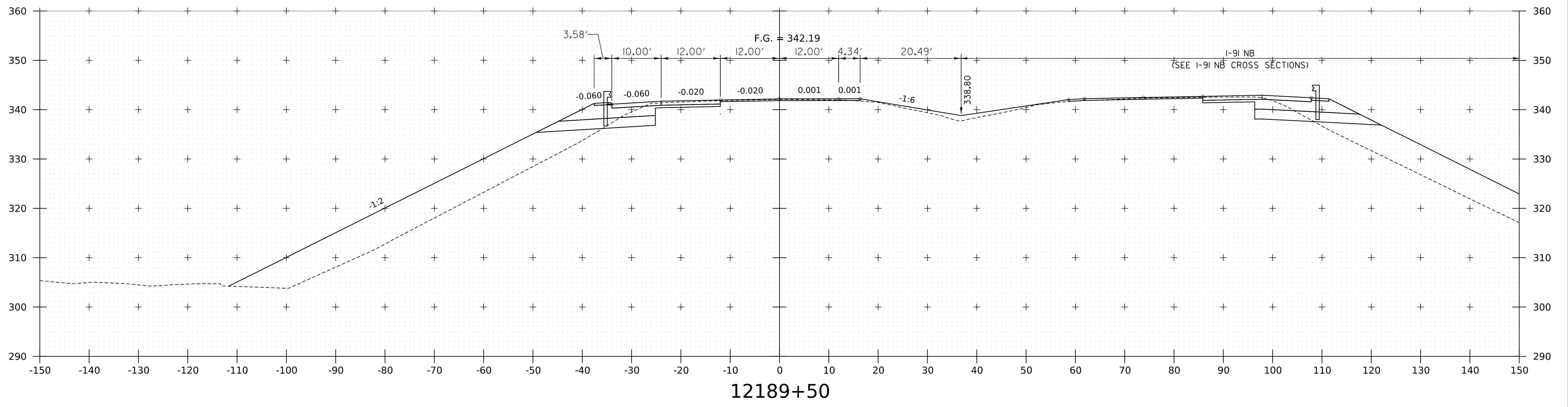
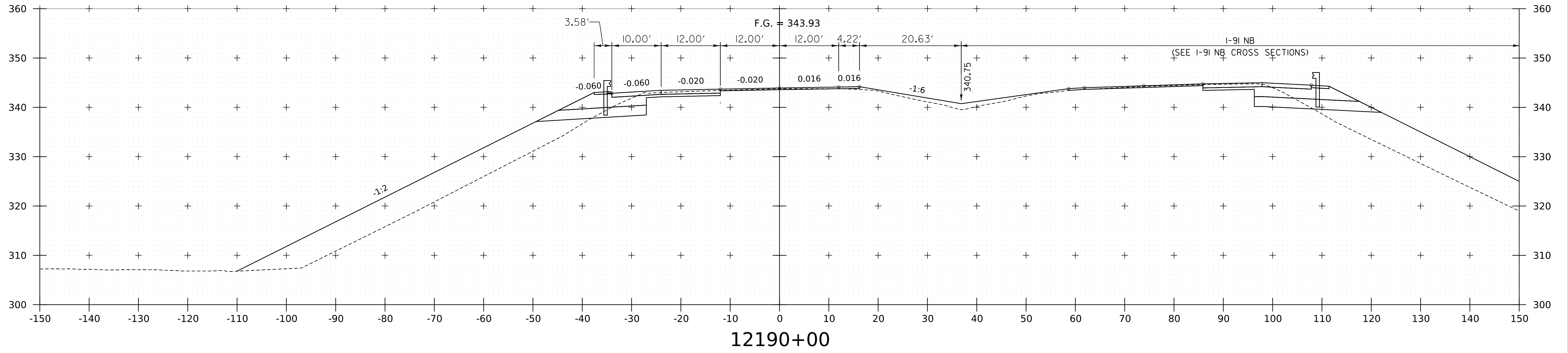


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_I-91_SB.27.dgn	DESIGNED BY: C. HELMICK
PROJECT LEADER: J. OLUND	CHECKED BY: L. DRISCOLL
I-91SB CROSS SECTIONS 21	SHEET 227 OF 439



WORKING PLANS FOR REFERENCE ONLY

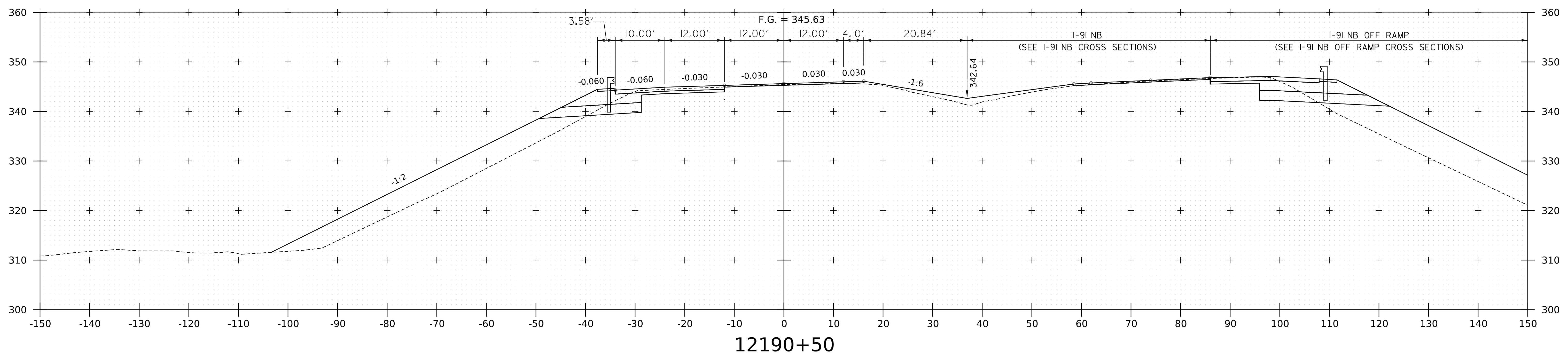
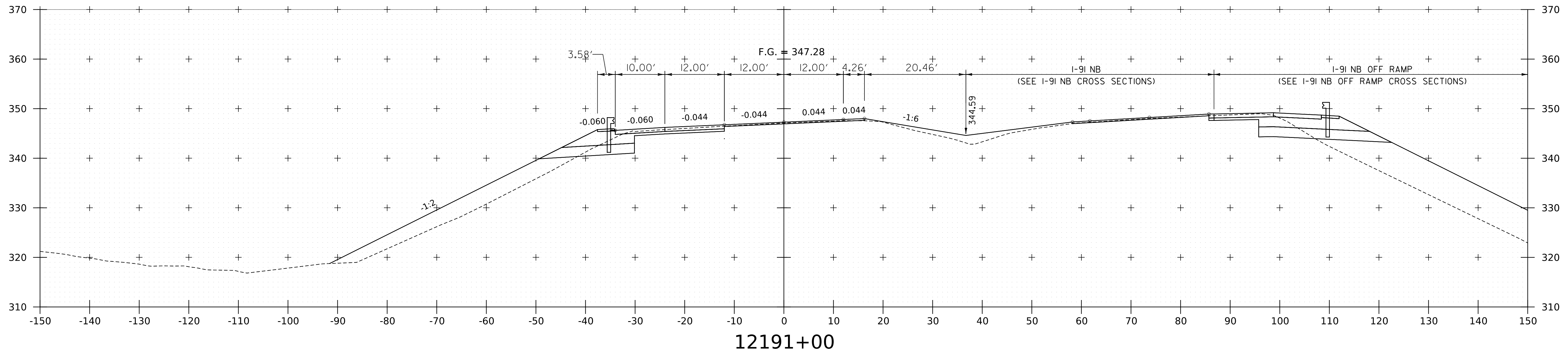


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 228 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 22	

WORKING PLANS FOR REFERENCE ONLY

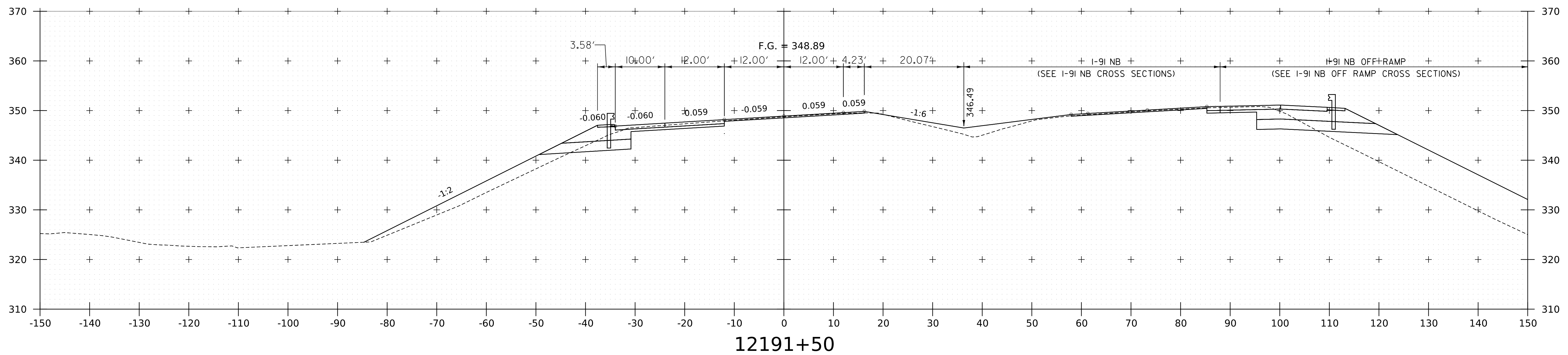
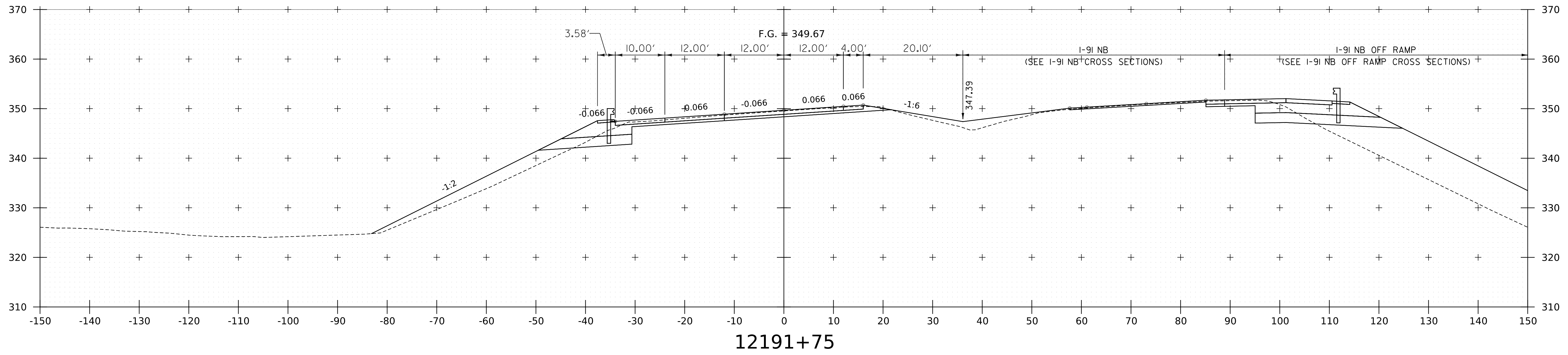


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91_SB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	229 OF 439
DESIGNED BY:	C. HELMICK		
I-91SB CROSS SECTIONS	23		

WORKING PLANS FOR REFERENCE ONLY

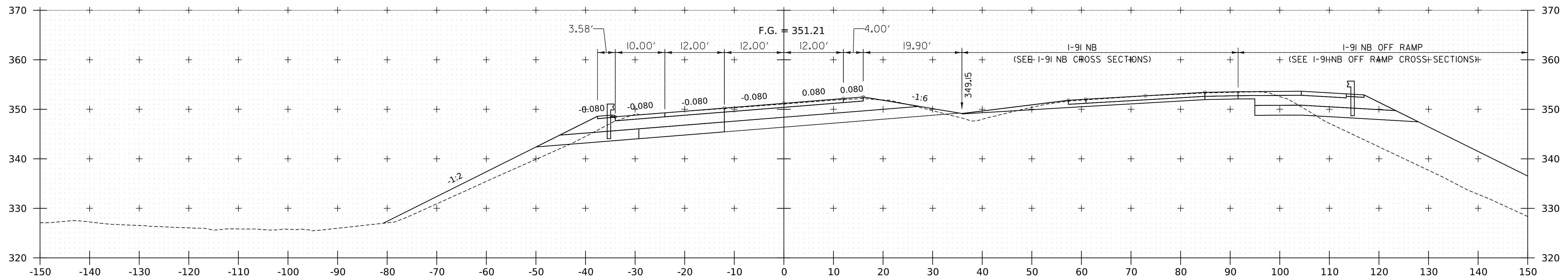


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

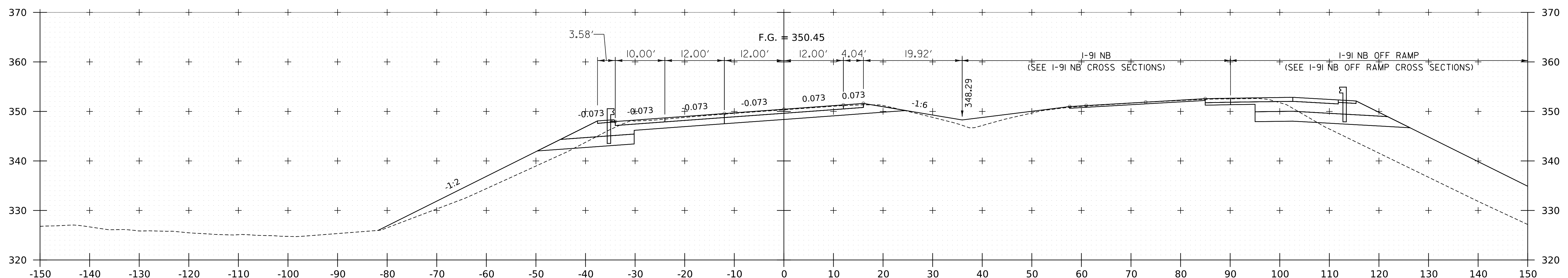


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_1-91_SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 230 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 24	

WORKING PLANS FOR REFERENCE ONLY



12192+25
RESUME SOUTHBOUND PROJECT



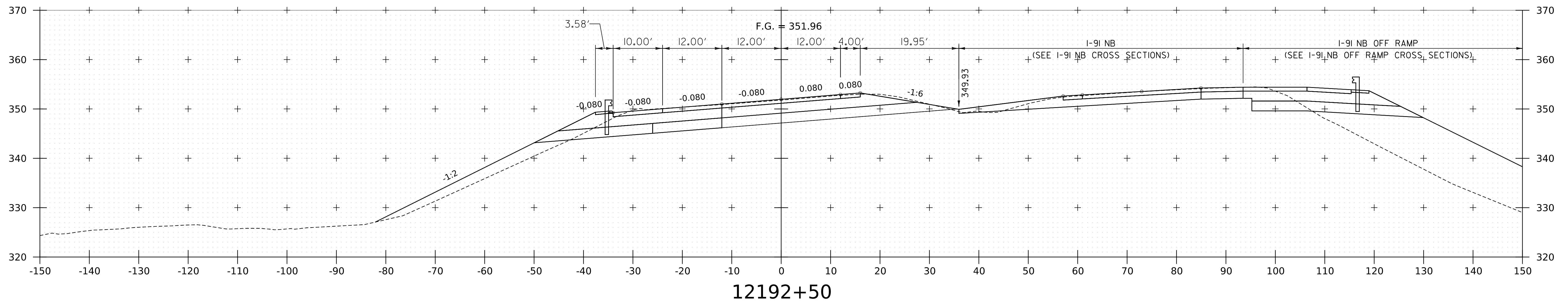
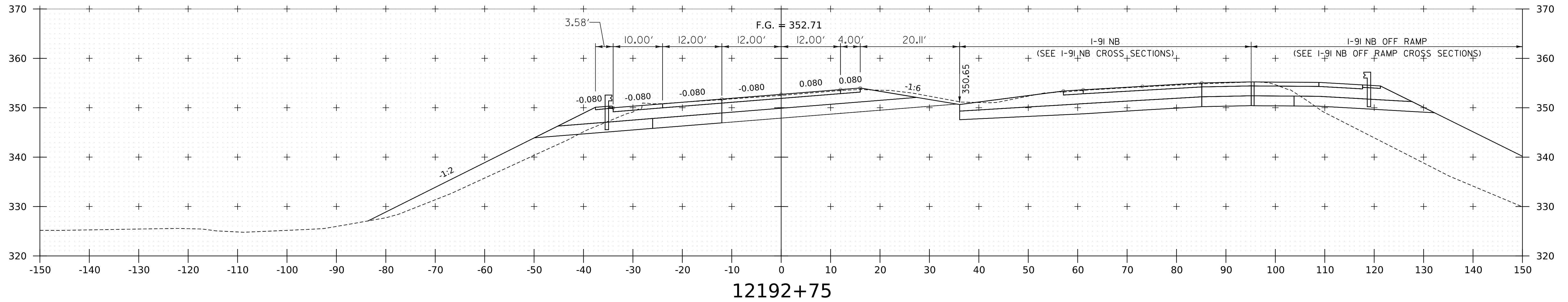
12192+00

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER
AREAS SHOWN AT 50' INTERVAL FOR I-91SB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.I-91.SB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91SB CROSS SECTIONS 25		SHEET	231 OF 439

WORKING PLANS FOR REFERENCE ONLY

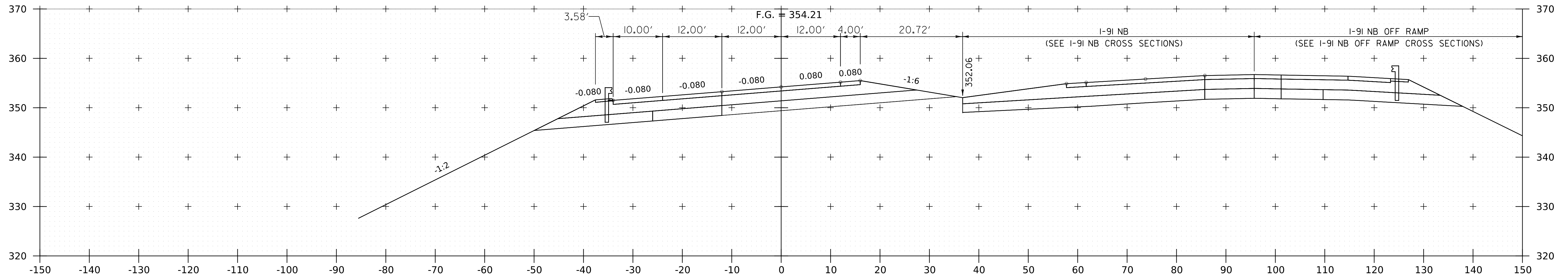


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

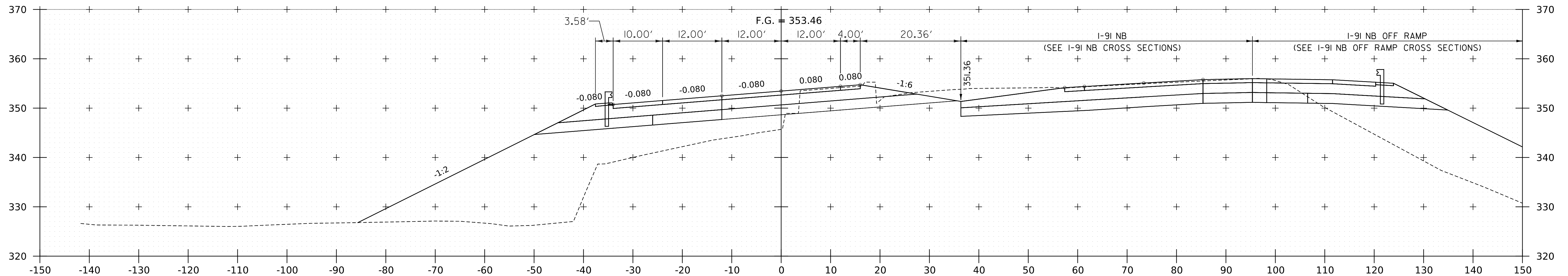


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91.SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 232 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 26	

WORKING PLANS FOR REFERENCE ONLY



12193+25



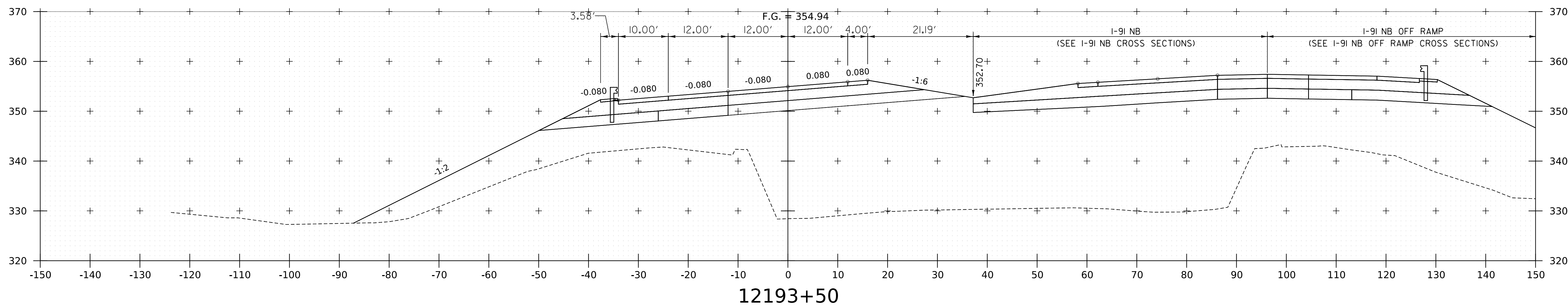
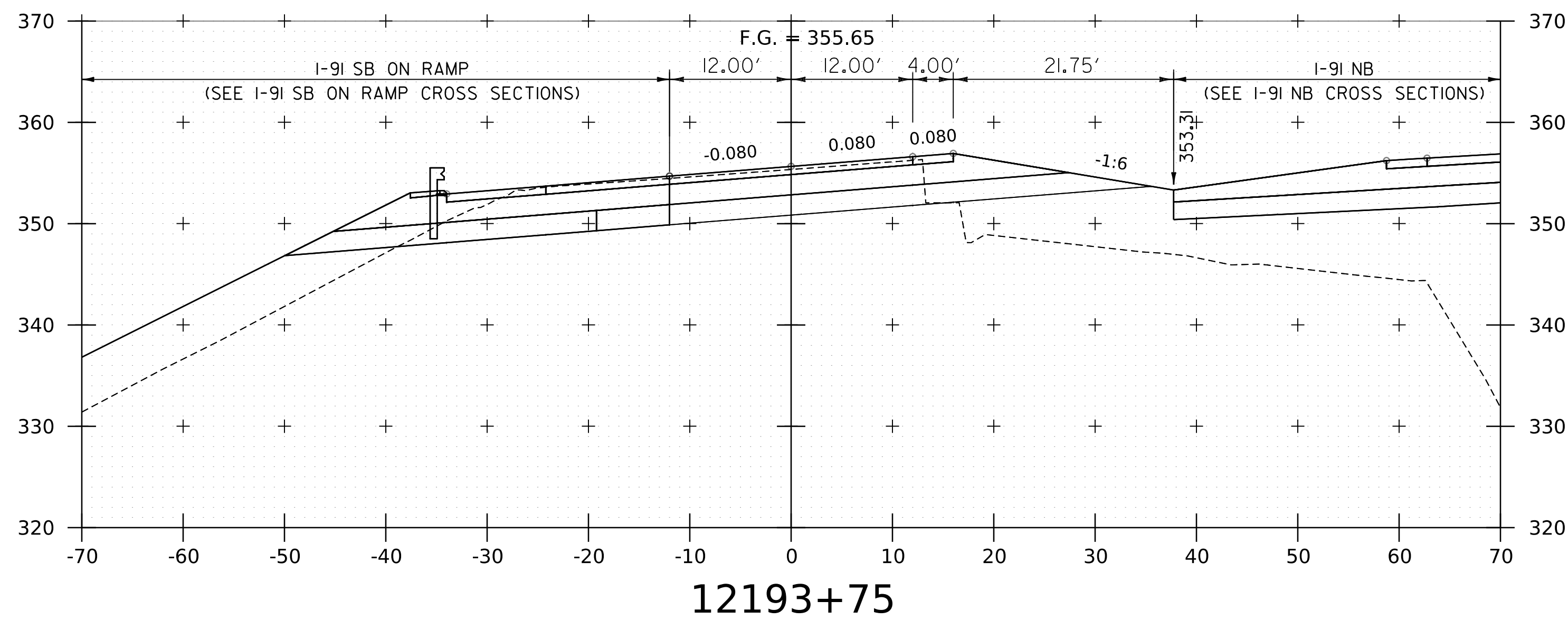
12193+00

NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91_SB.27.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	I-91SB CROSS SECTIONS	27
DESIGNED BY:	C. HELMICK	SHEET	233 OF 439



WORKING PLANS FOR REFERENCE ONLY

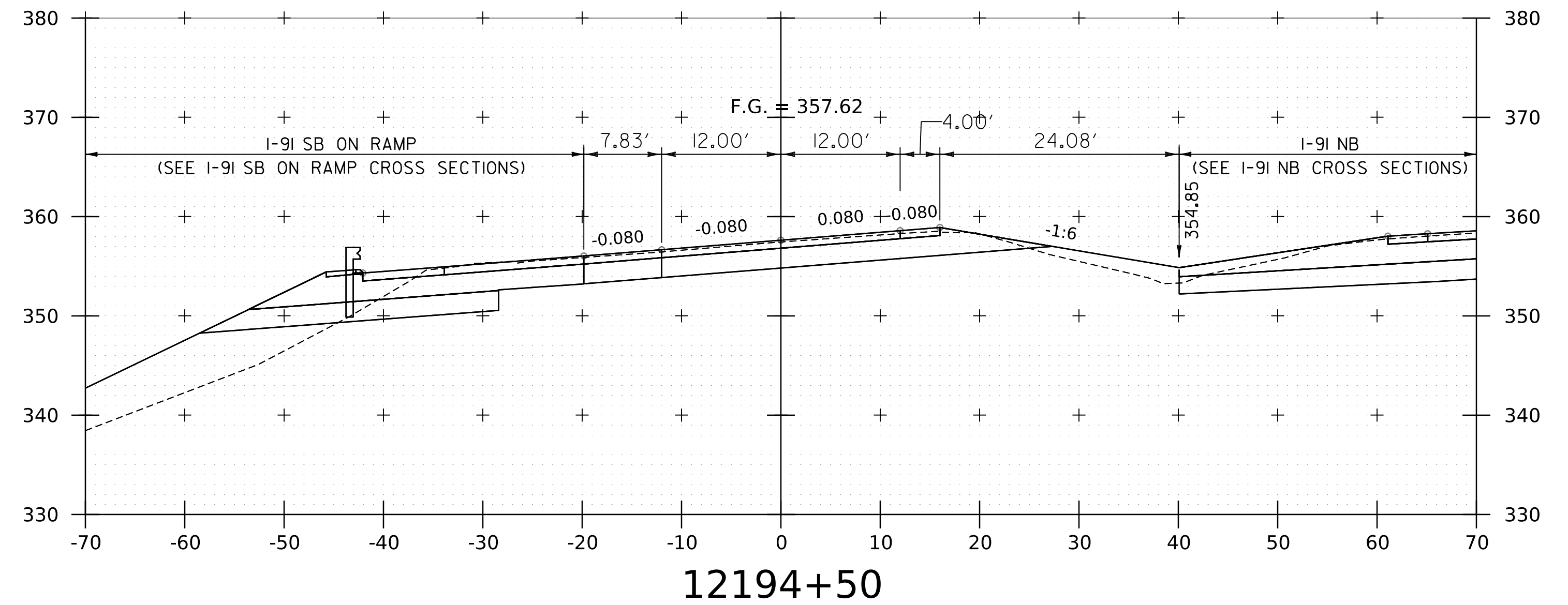
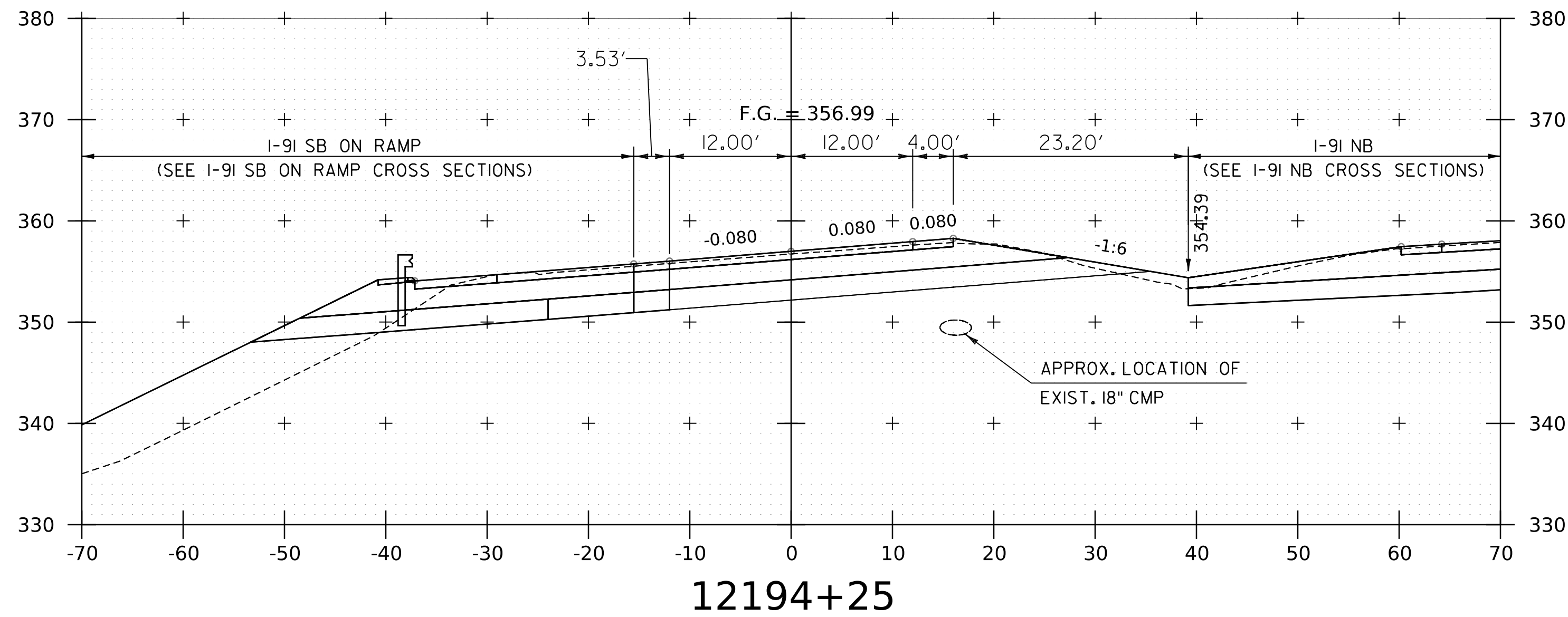


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

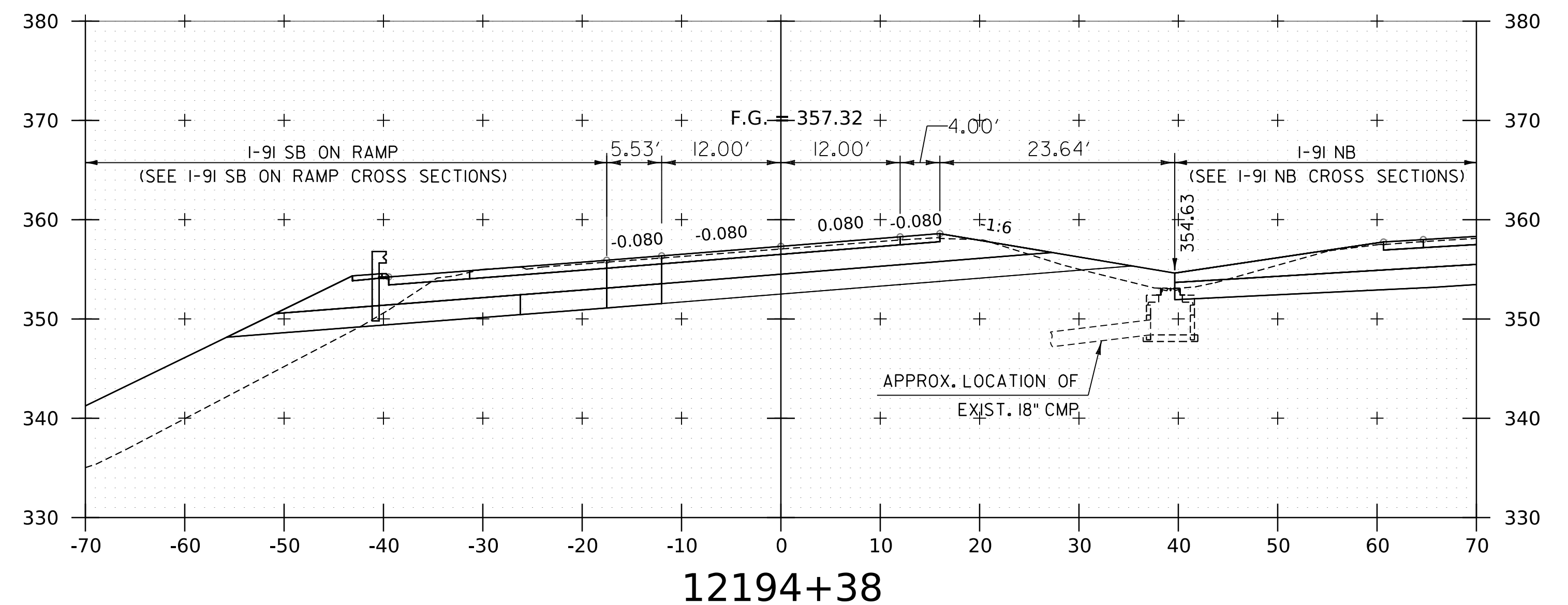
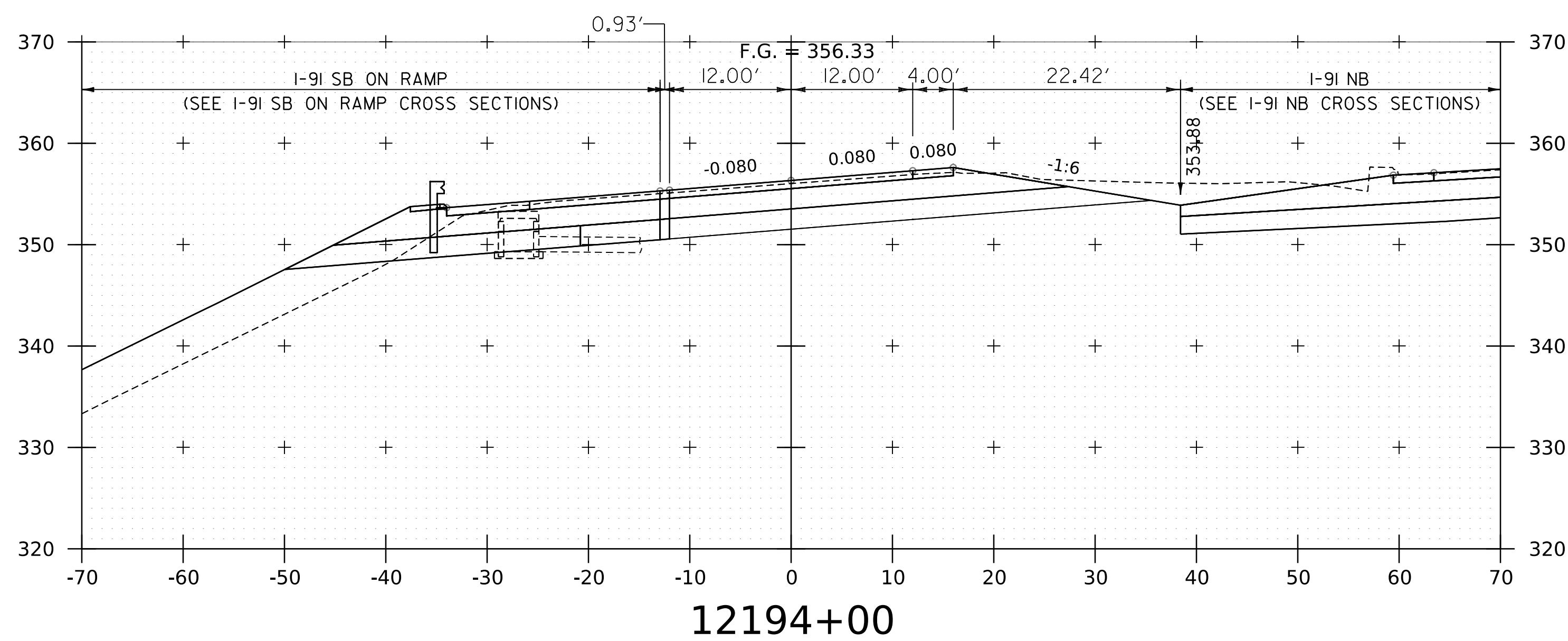


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs.I-91.SB.27.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 234 OF 439
DESIGNED BY: C. HELMICK	
I-91 SB CROSS SECTIONS 28	

WORKING PLANS FOR REFERENCE ONLY



STOP SOUTHBOUND PROJECT

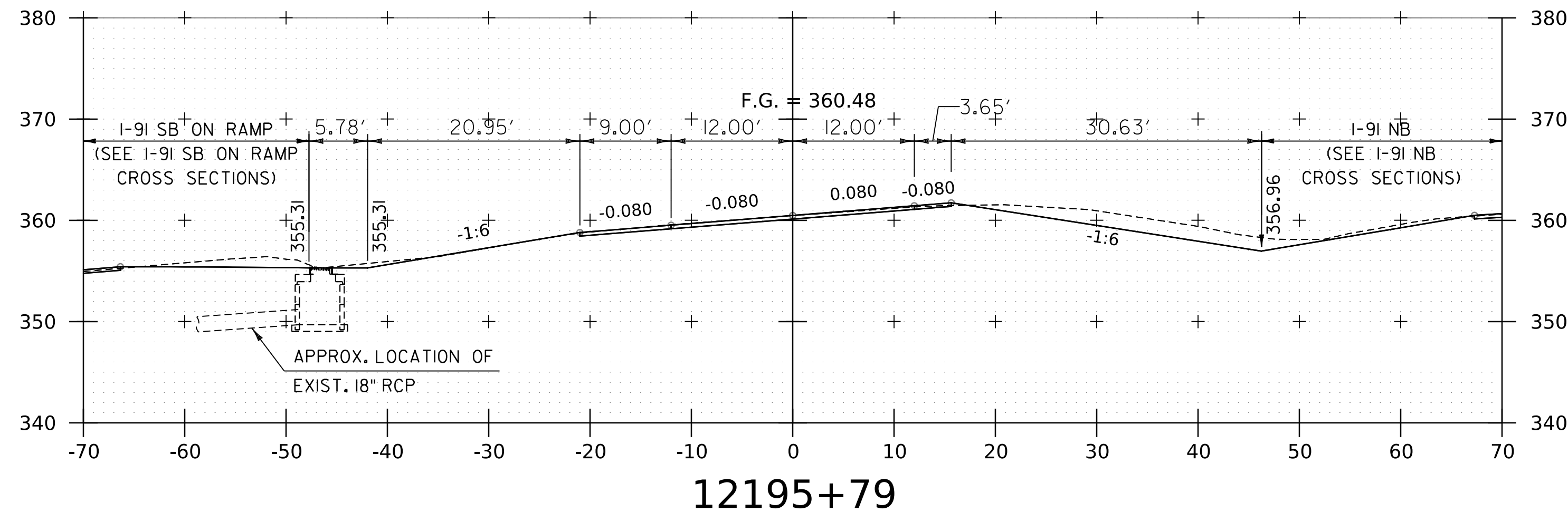
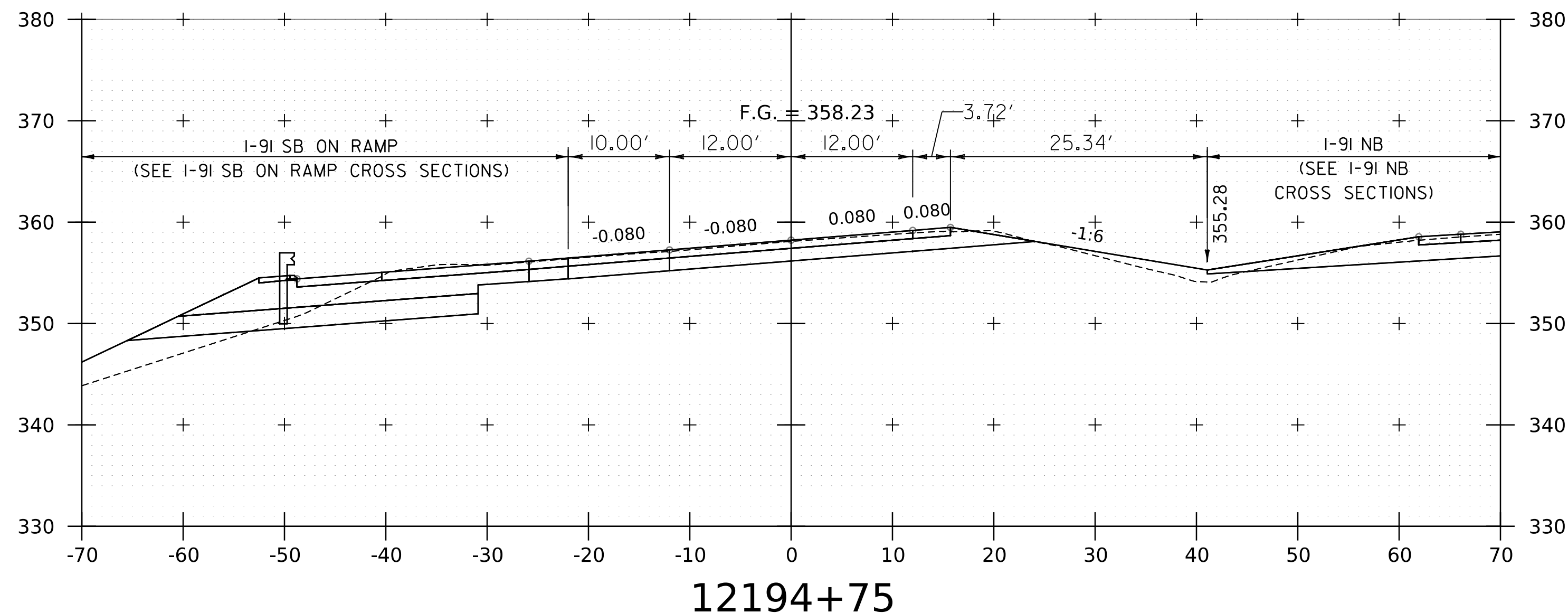
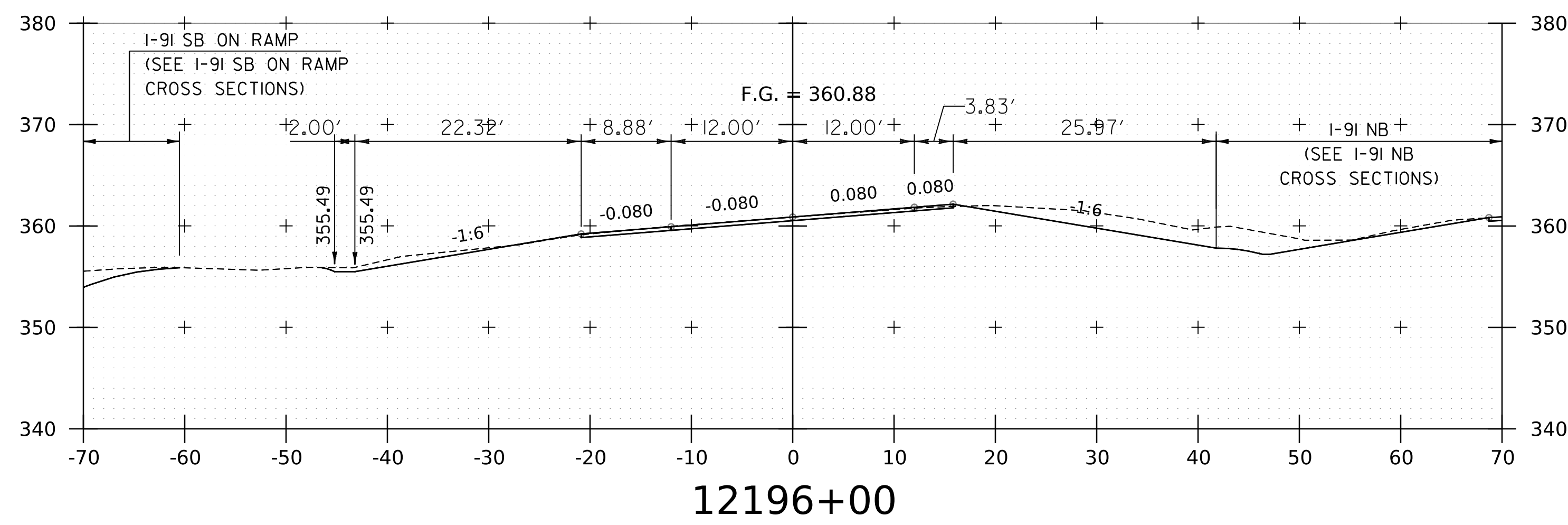
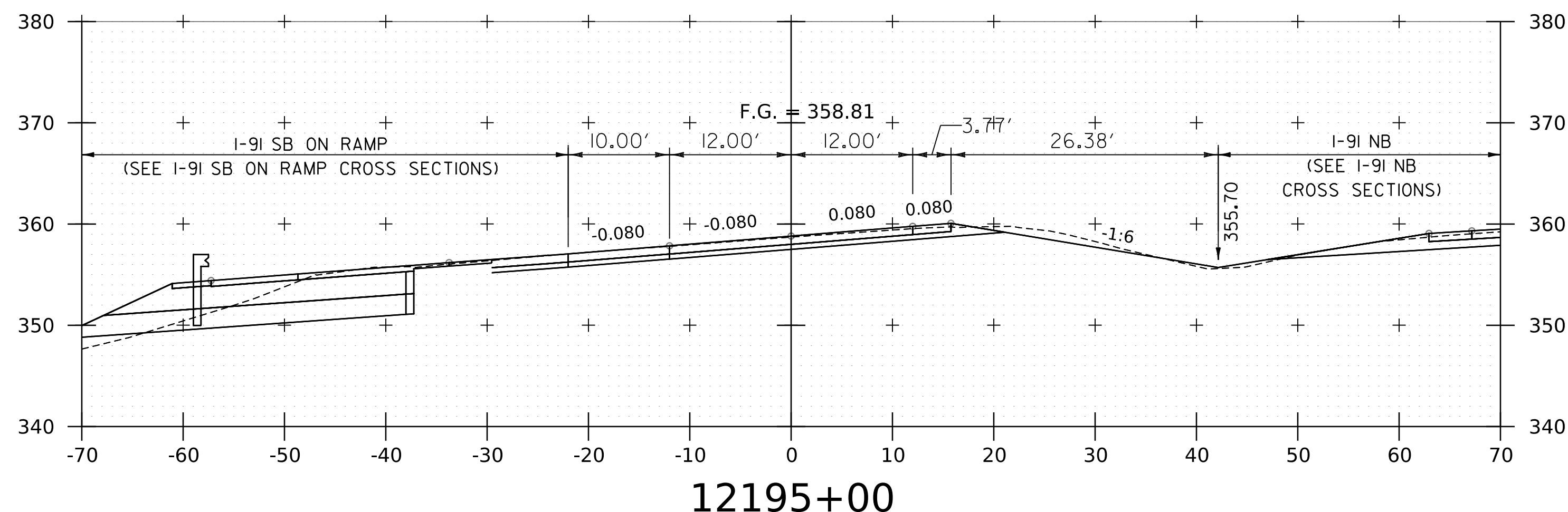
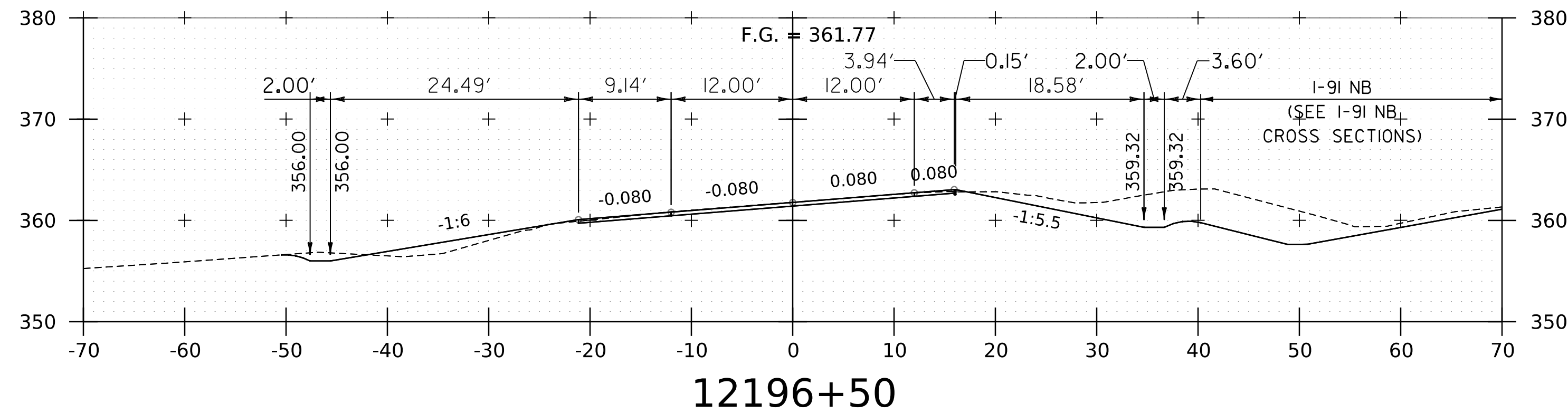
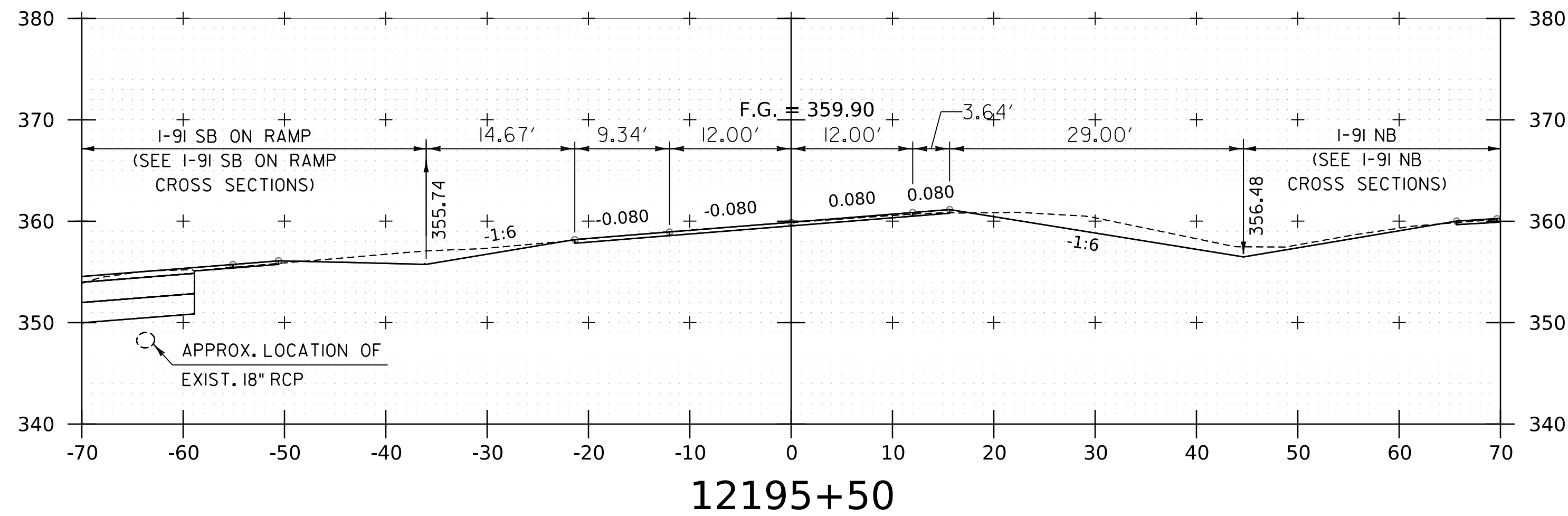


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_I-91_SB_27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		I-91 SB CROSS SECTIONS 29		SHEET	235 OF 439

WORKING PLANS FOR REFERENCE ONLY

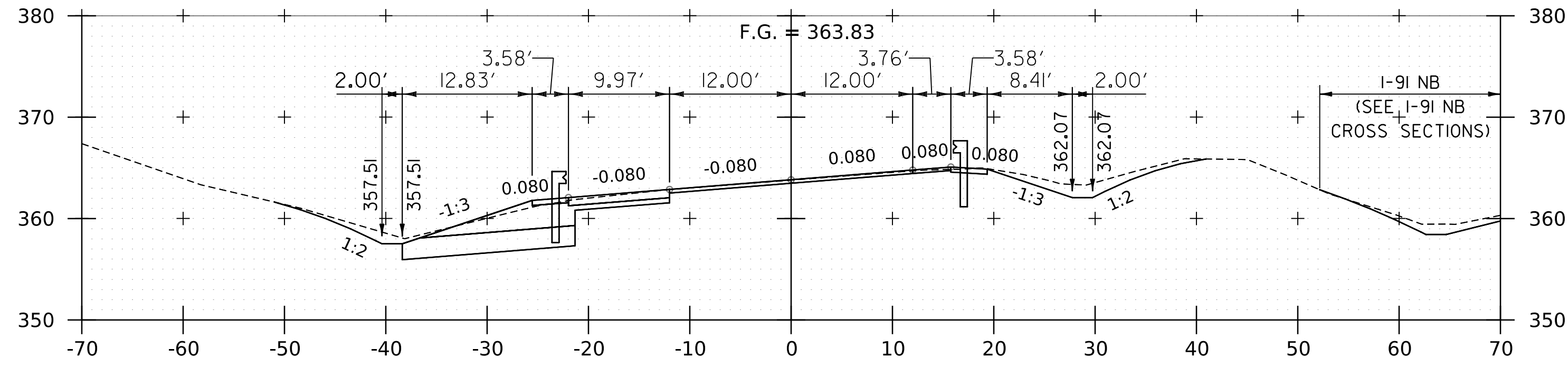


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

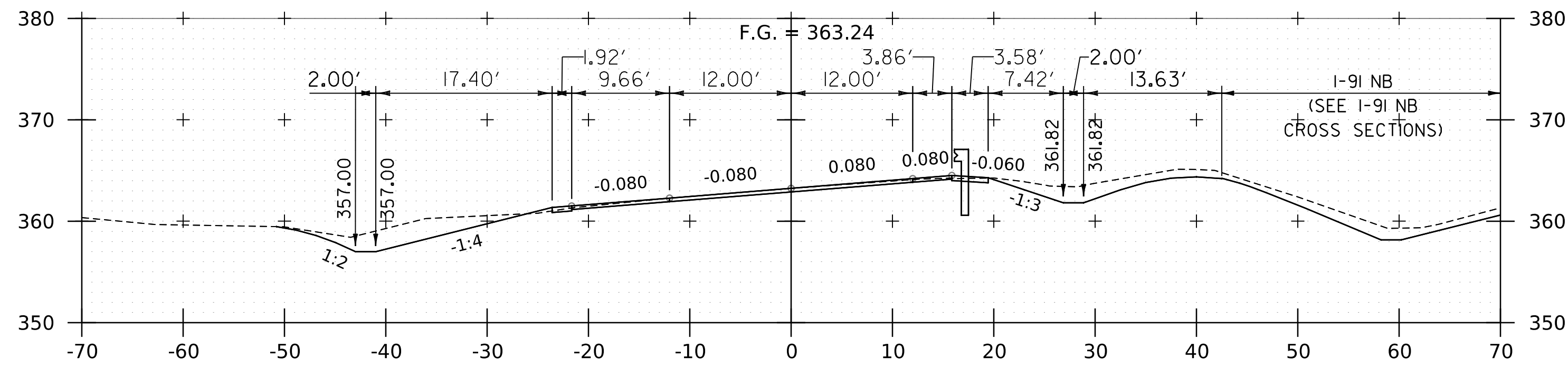
PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_I-91_SB.27.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91 SB CROSS SECTIONS 30		SHEET 236 OF 439



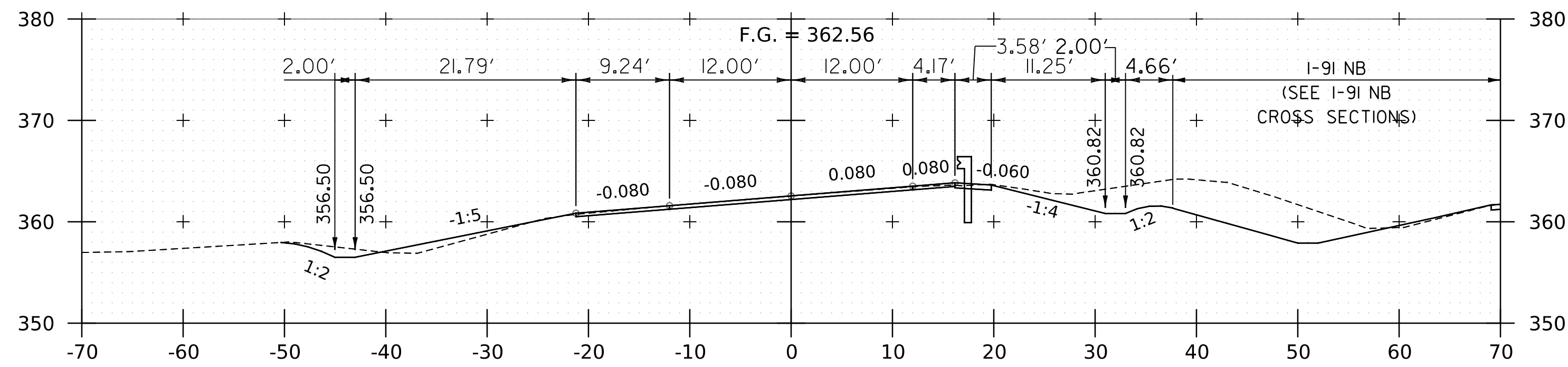
WORKING PLANS FOR REFERENCE ONLY



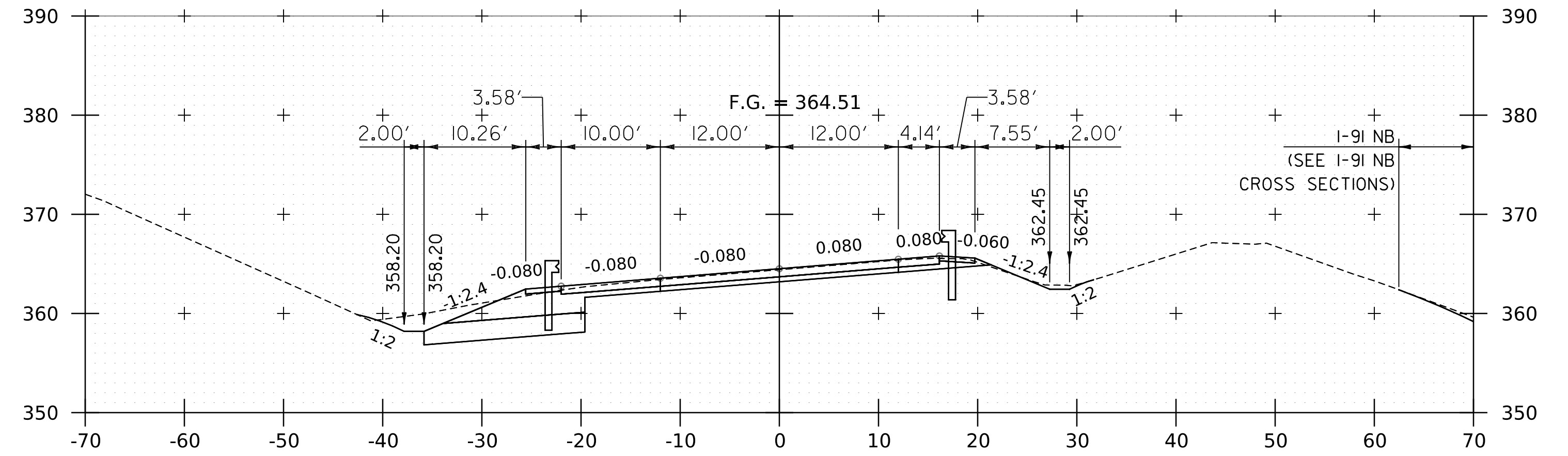
12198+00



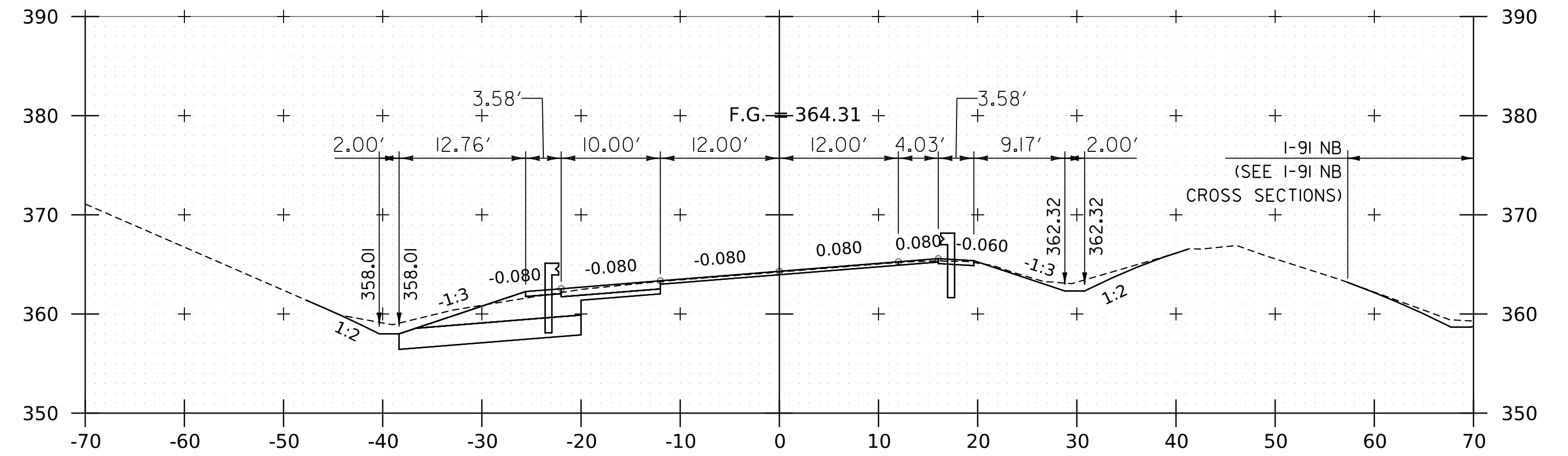
12197+50



12197+00



12198+75



12198+50

NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

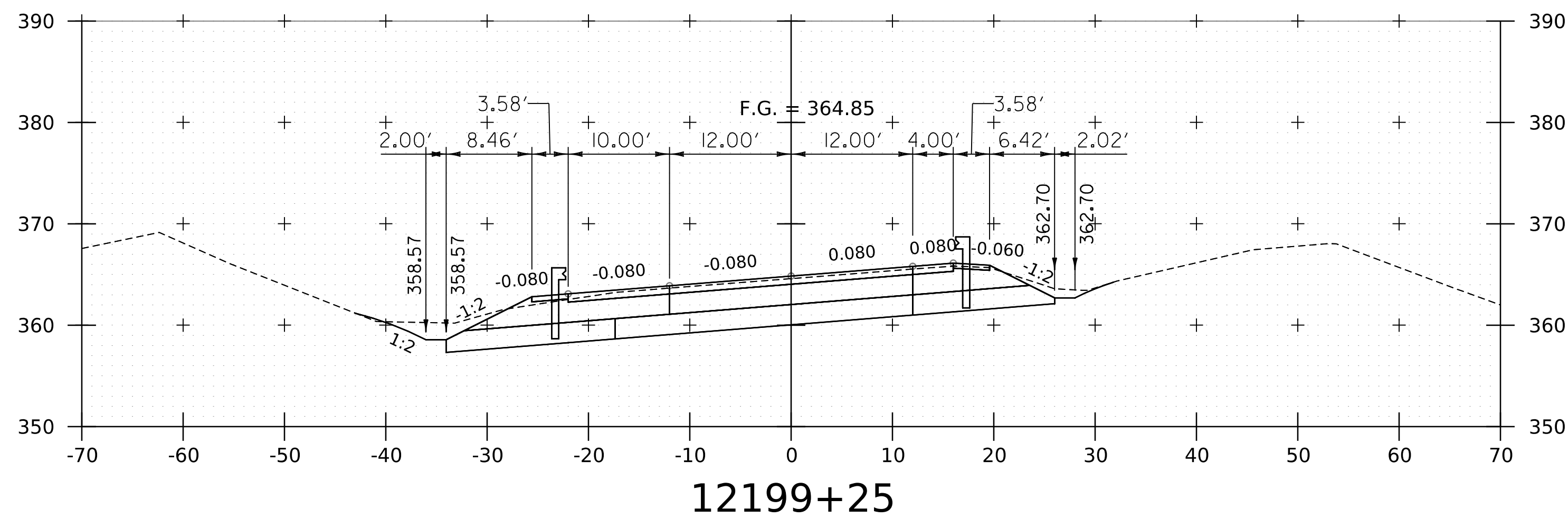
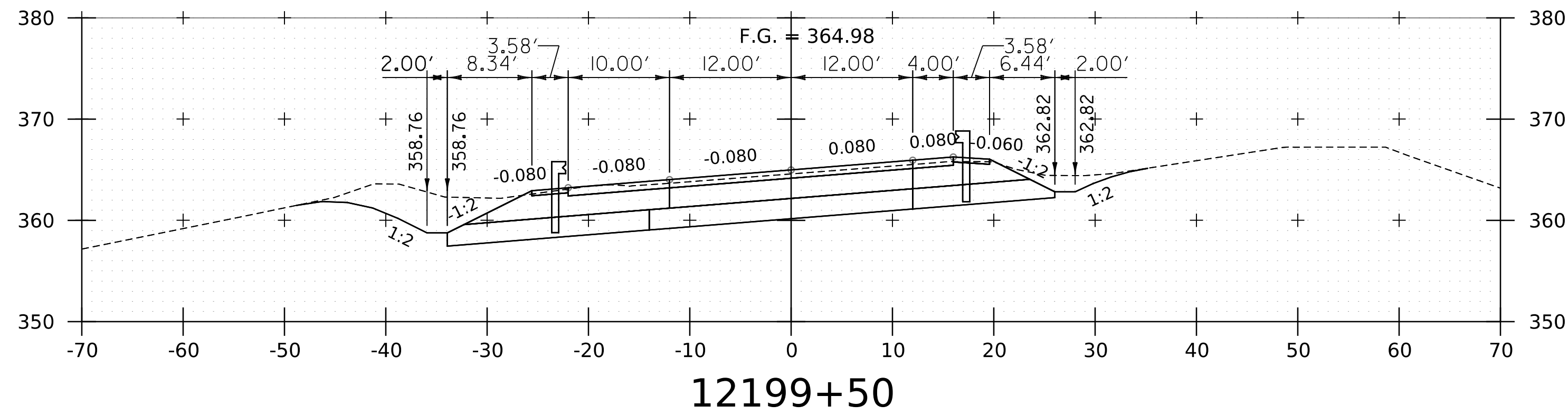
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs-I-91-SB.28.dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: C. HELMICK
 I-91 SB CROSS SECTIONS 31

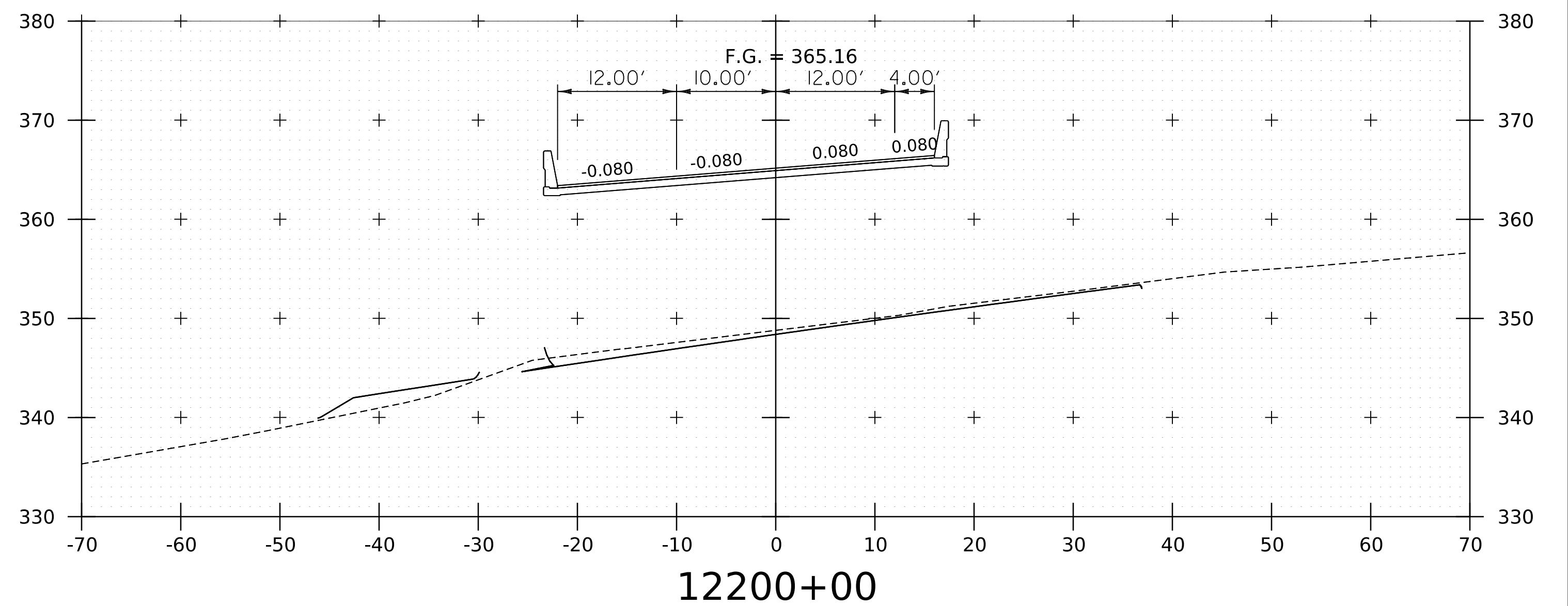
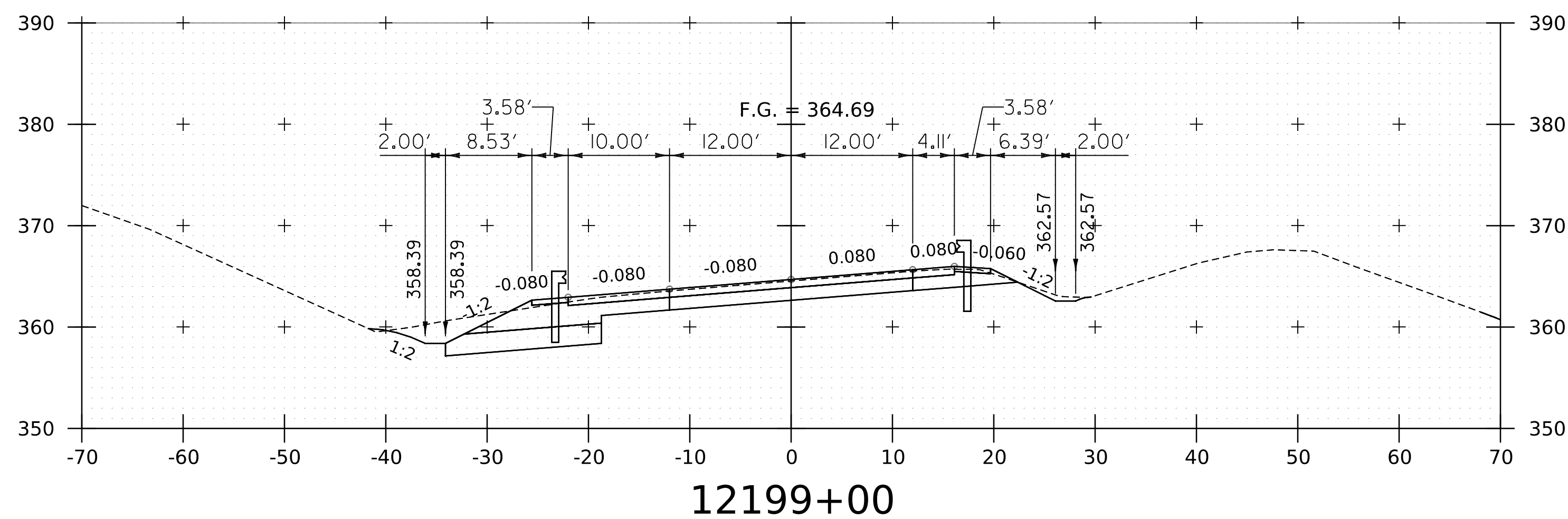
PLOT DATE: 8-JUN-2023
 DRAWN BY: C. HELMICK
 CHECKED BY: L. DRISCOLL
 SHEET 237 OF 439



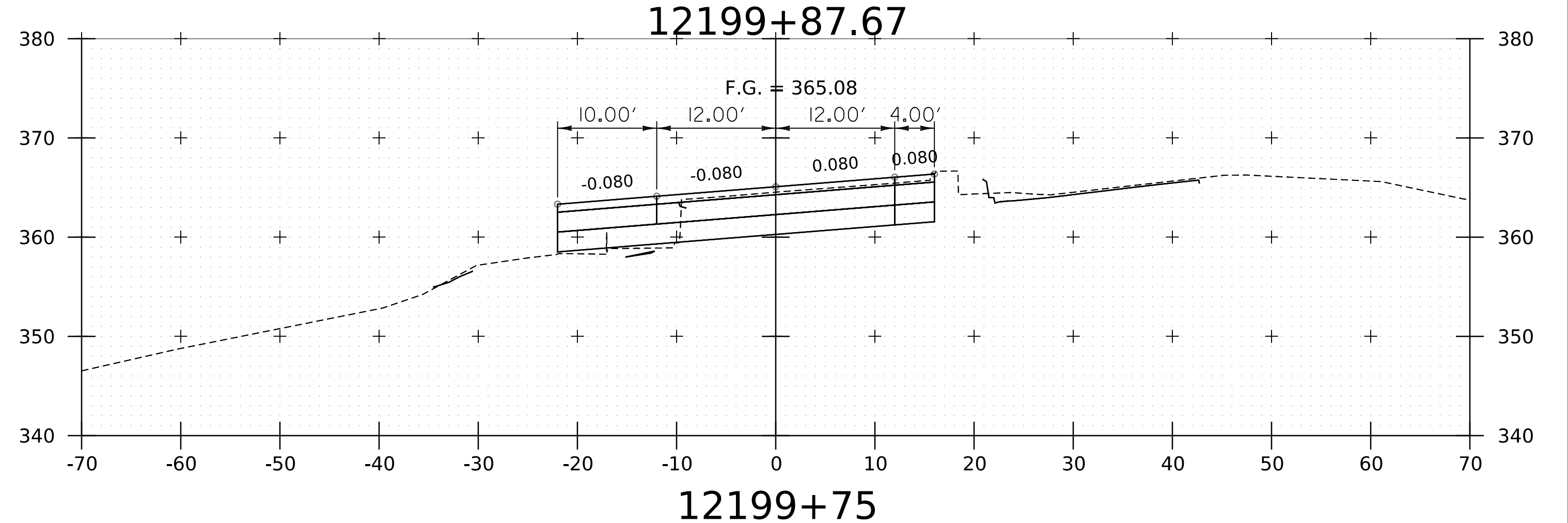
WORKING PLANS FOR REFERENCE ONLY



RESUME SOUTHBOUND PROJECT



BEGIN BRIDGE 28S

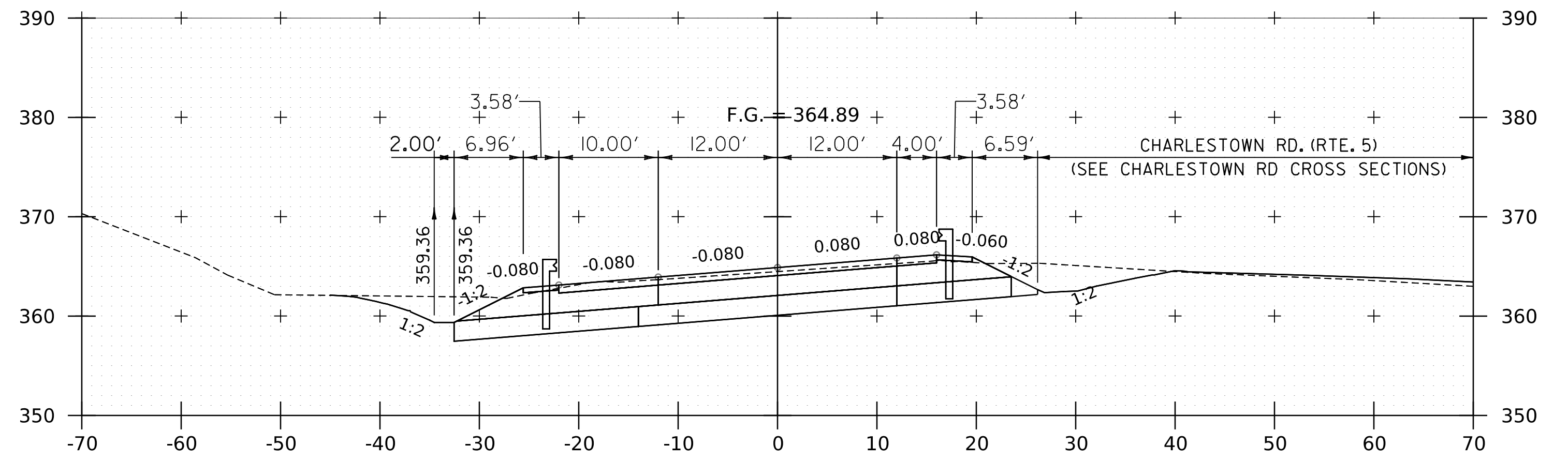
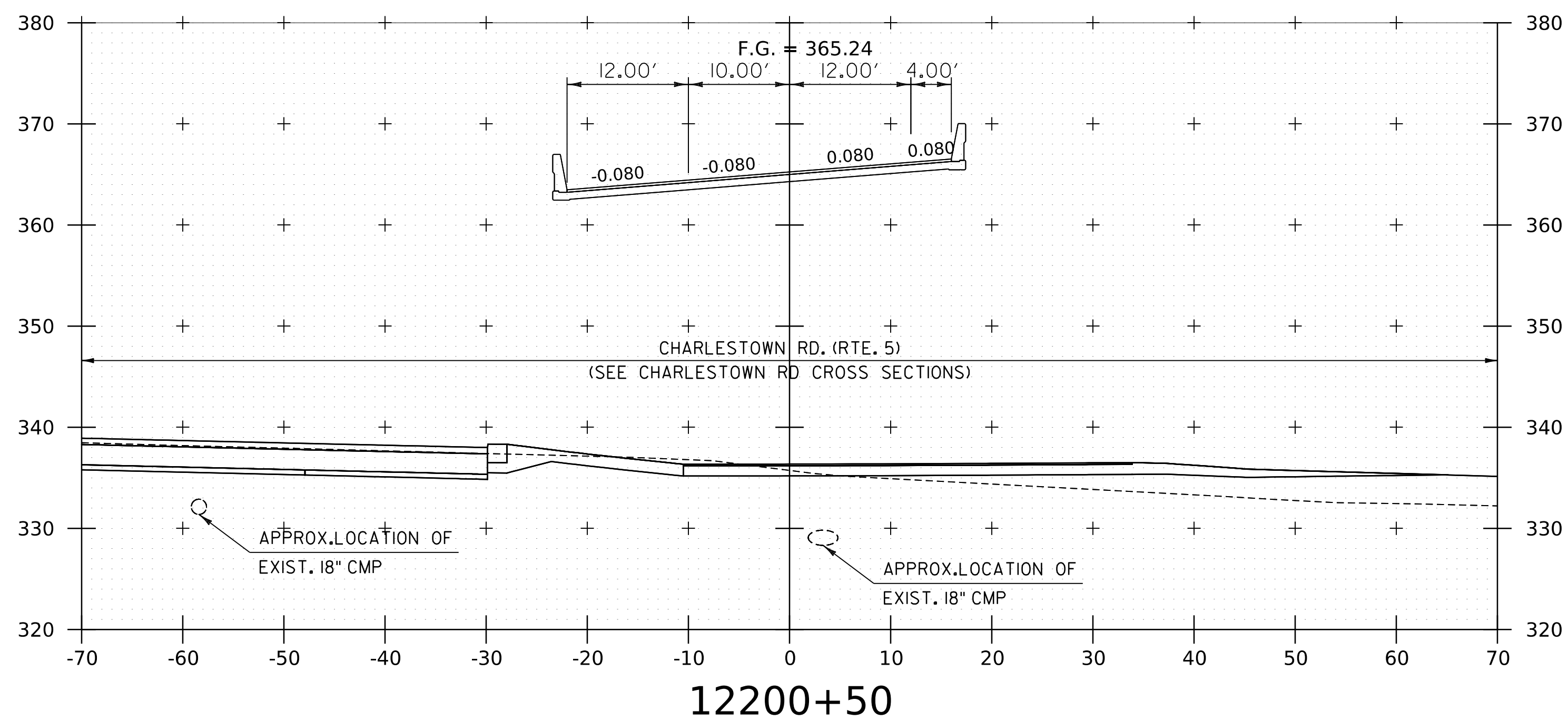
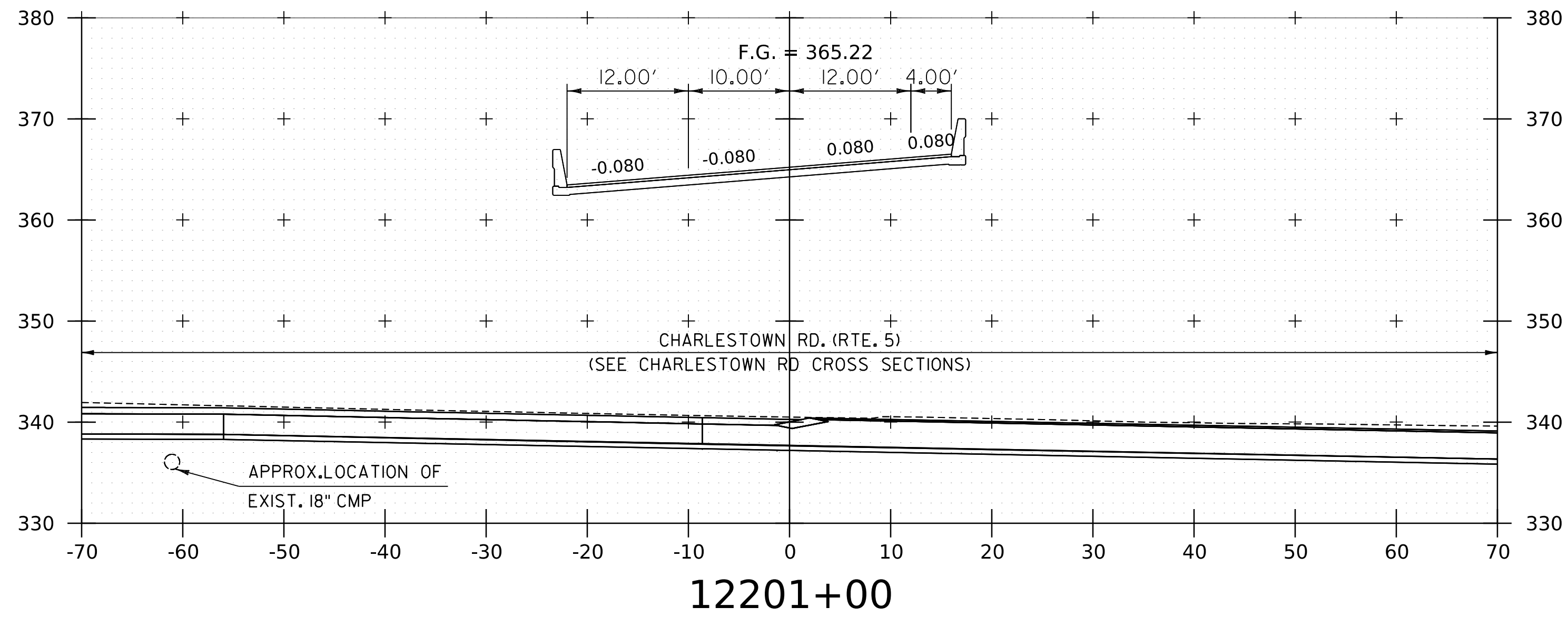


NOTE:
 1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

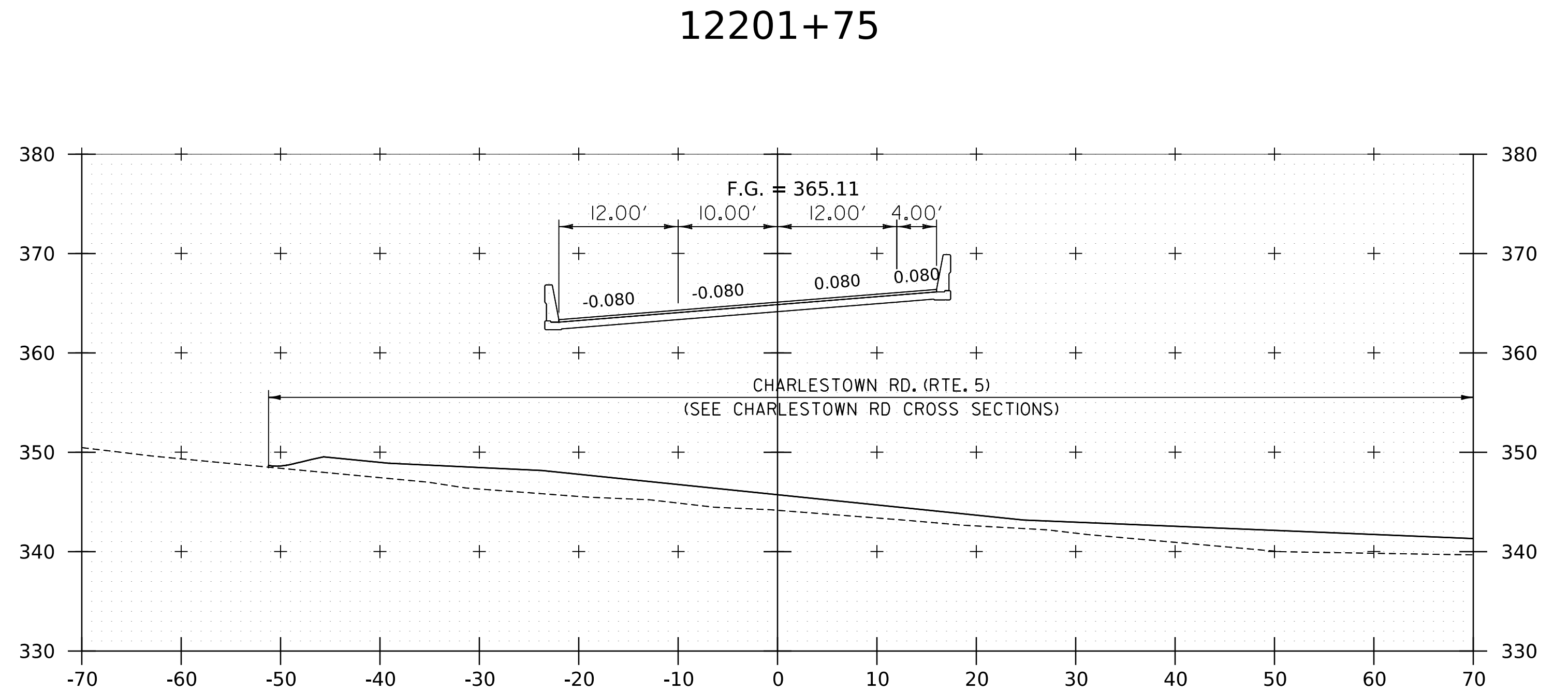
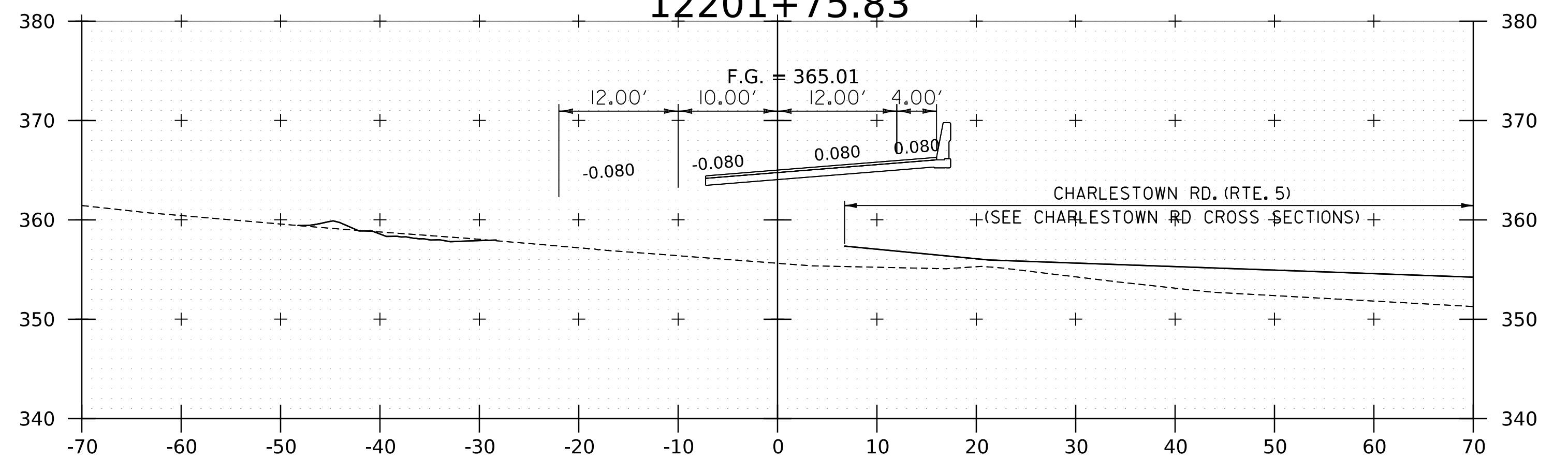
PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs-I-91_SB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 238 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 32	



WORKING PLANS FOR REFERENCE ONLY



12202+00
END BRIDGE 28S
12201+75.83

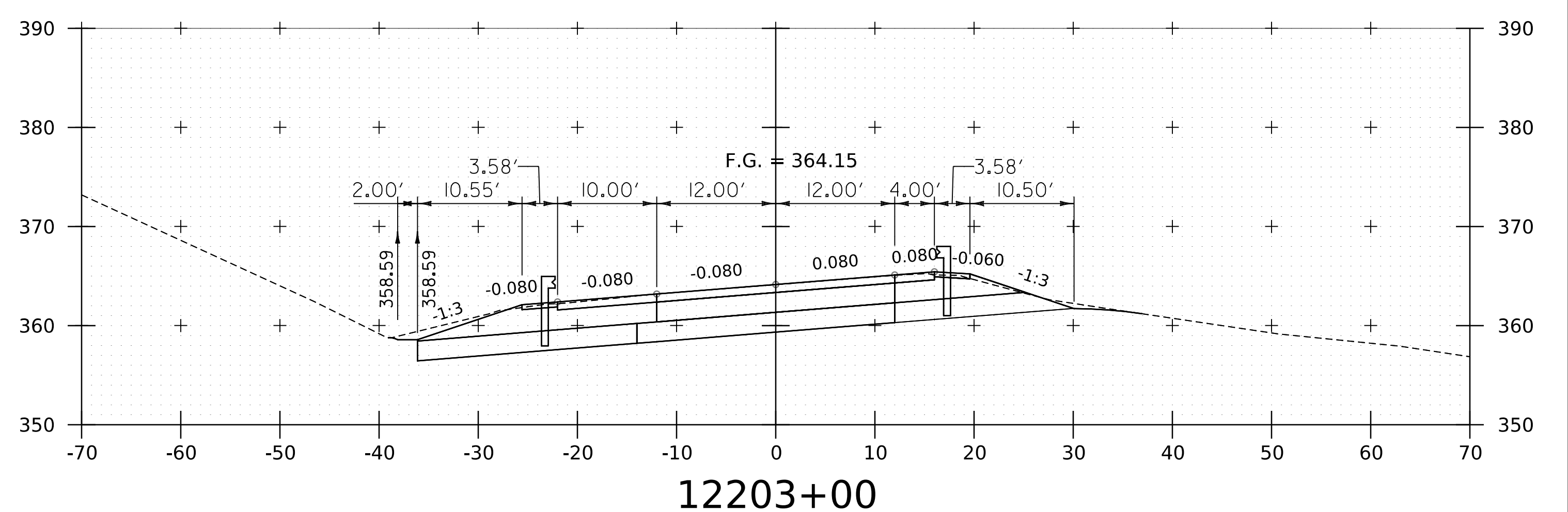
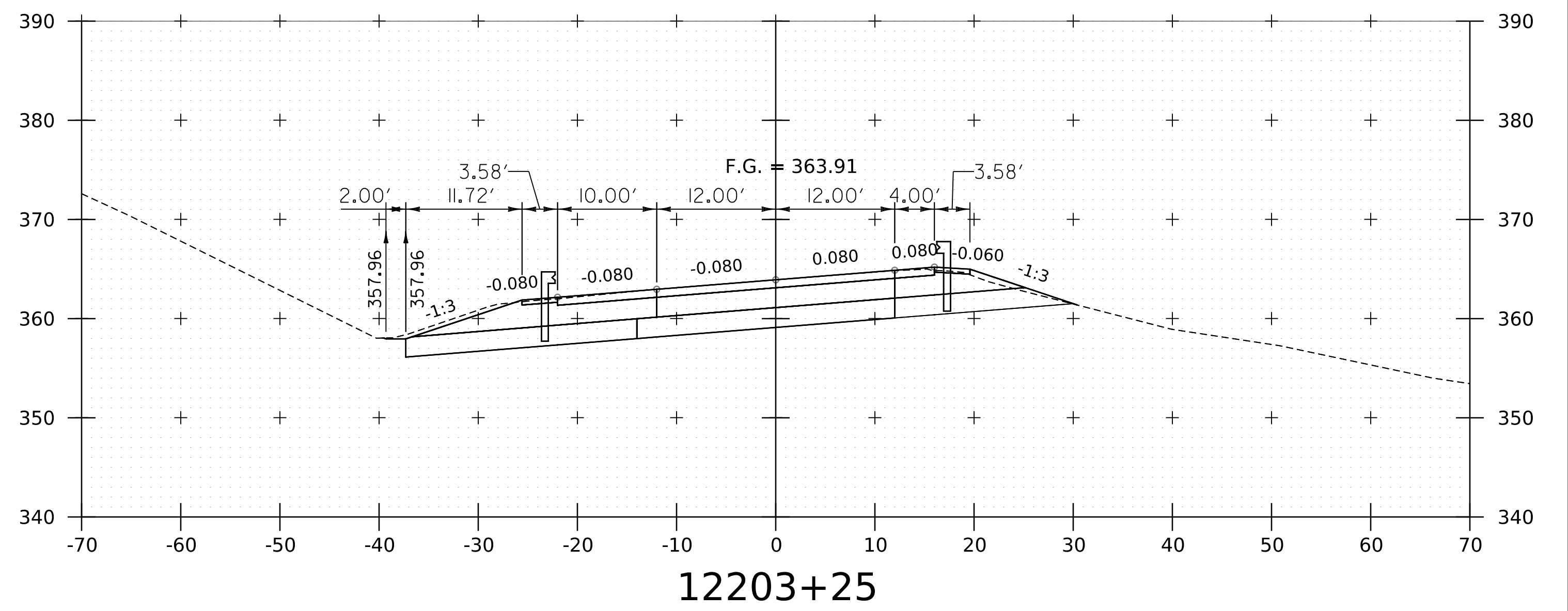
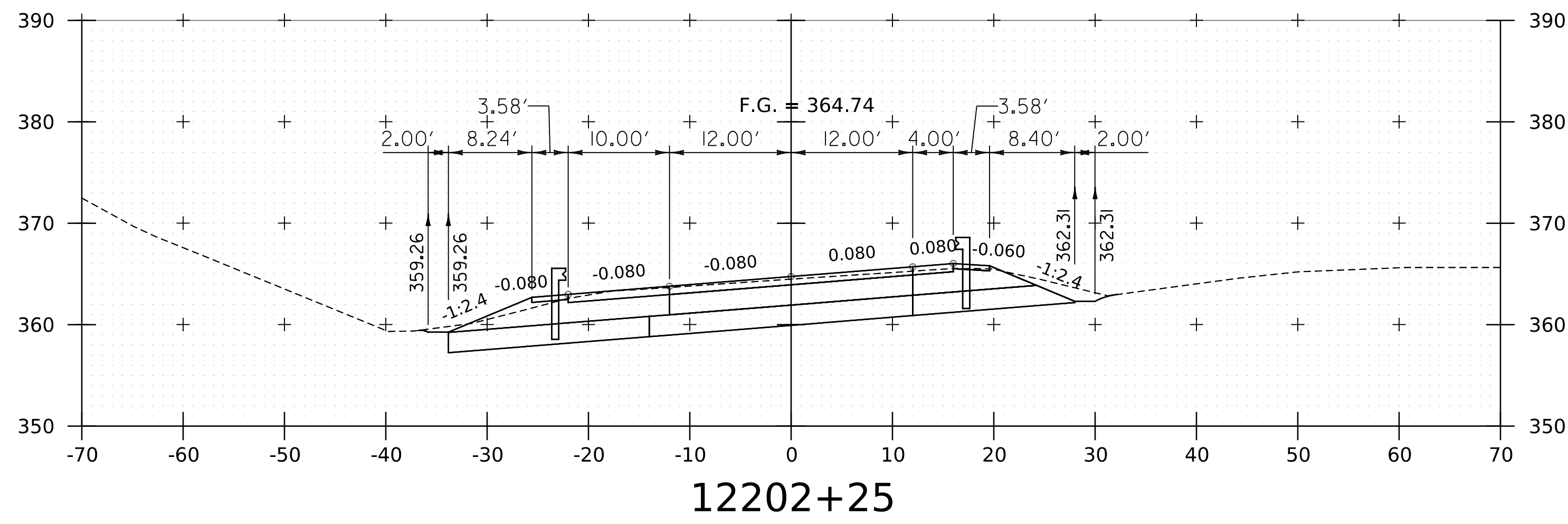
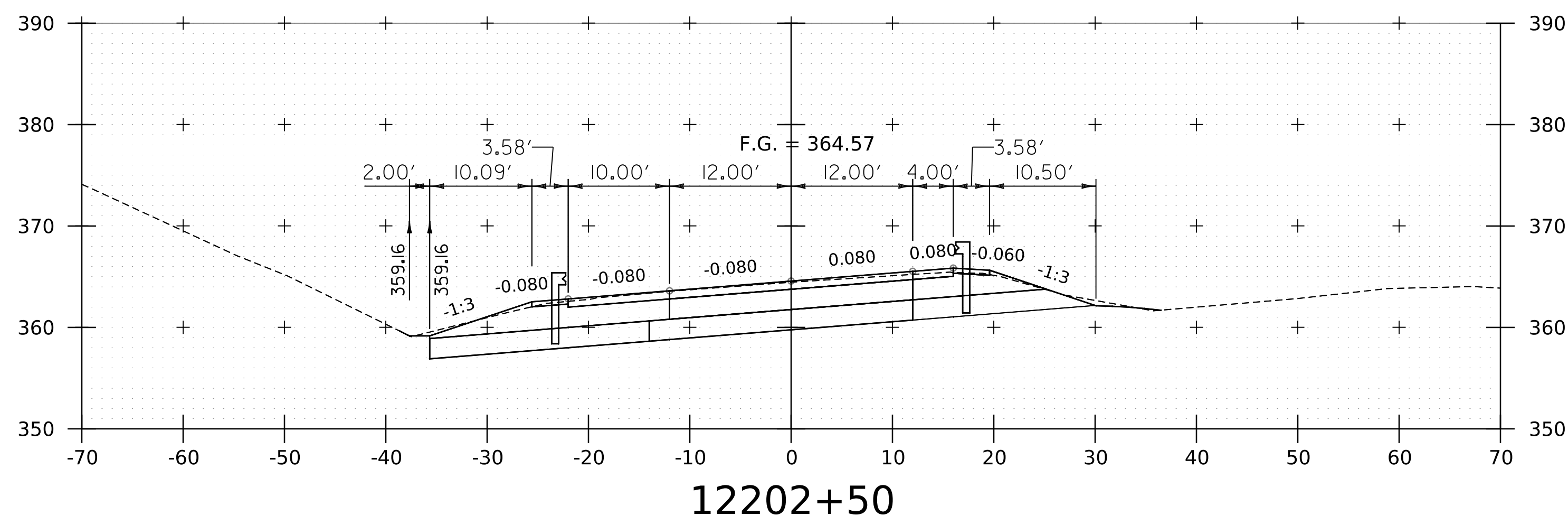
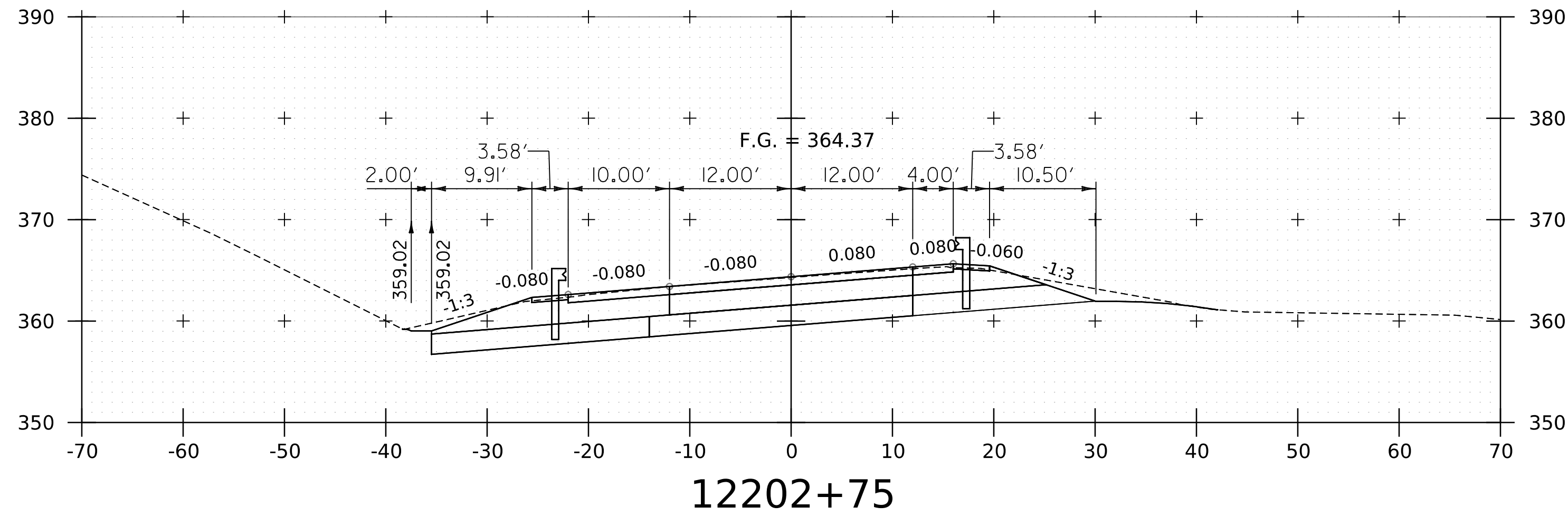


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91/SB.



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-I(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs-I-91-SB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 239 OF 439
DESIGNED BY: C. HELMICK	
I-91/SB CROSS SECTIONS 33	

WORKING PLANS FOR REFERENCE ONLY

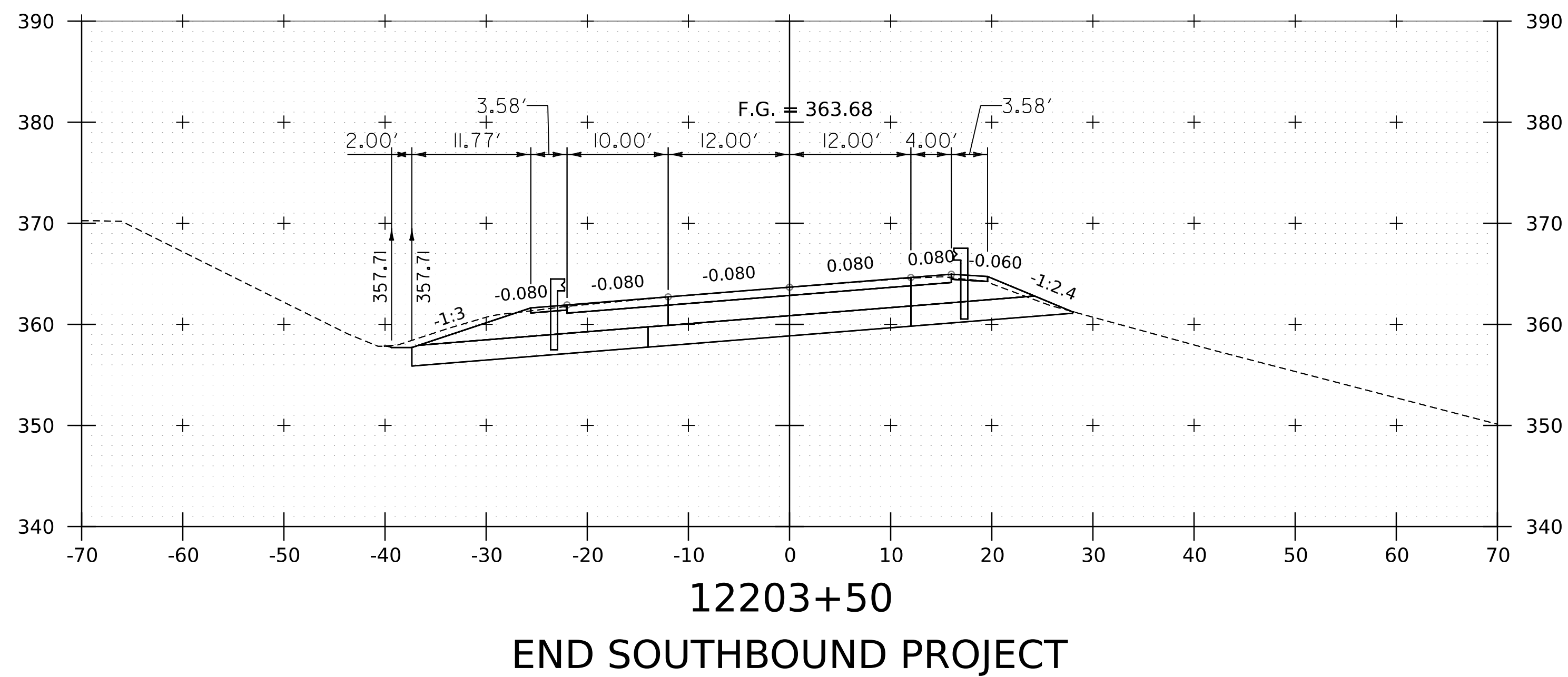
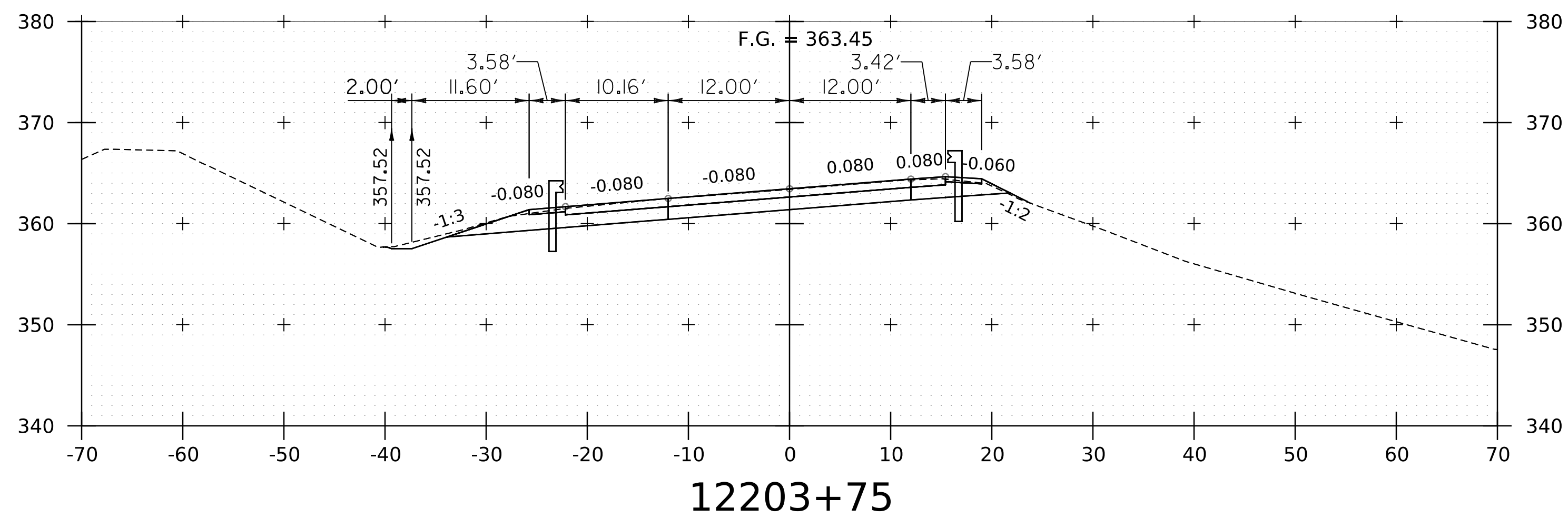
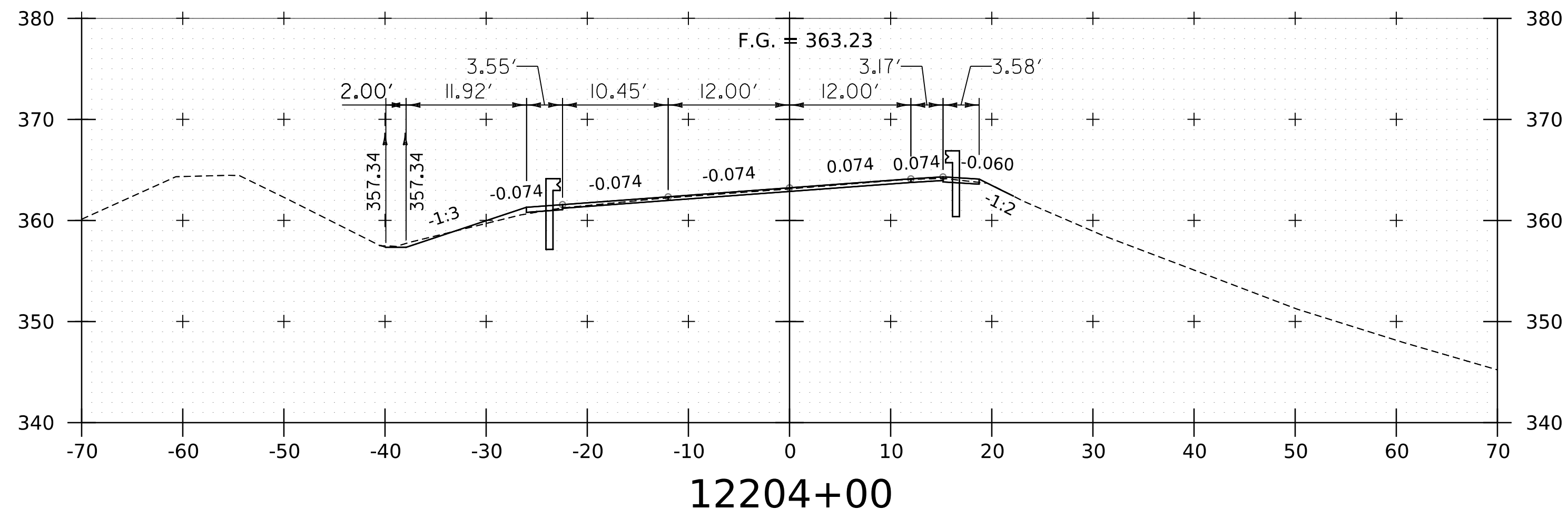


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

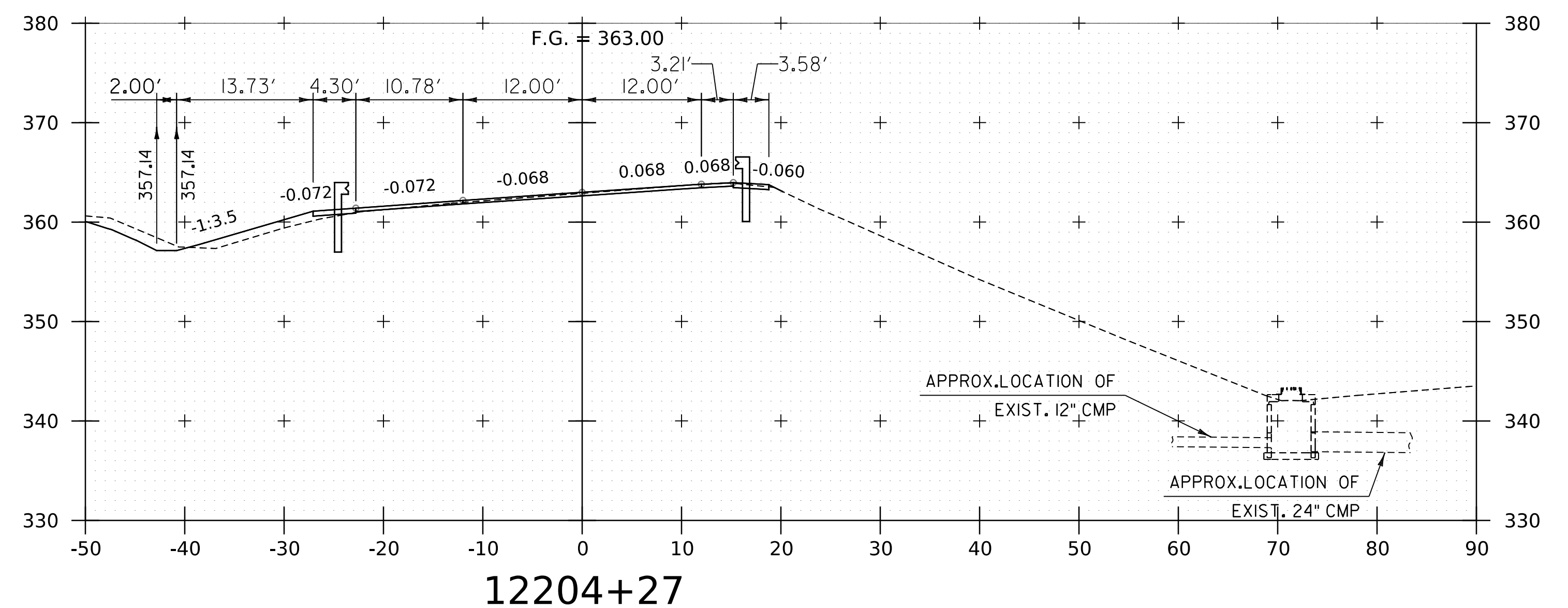
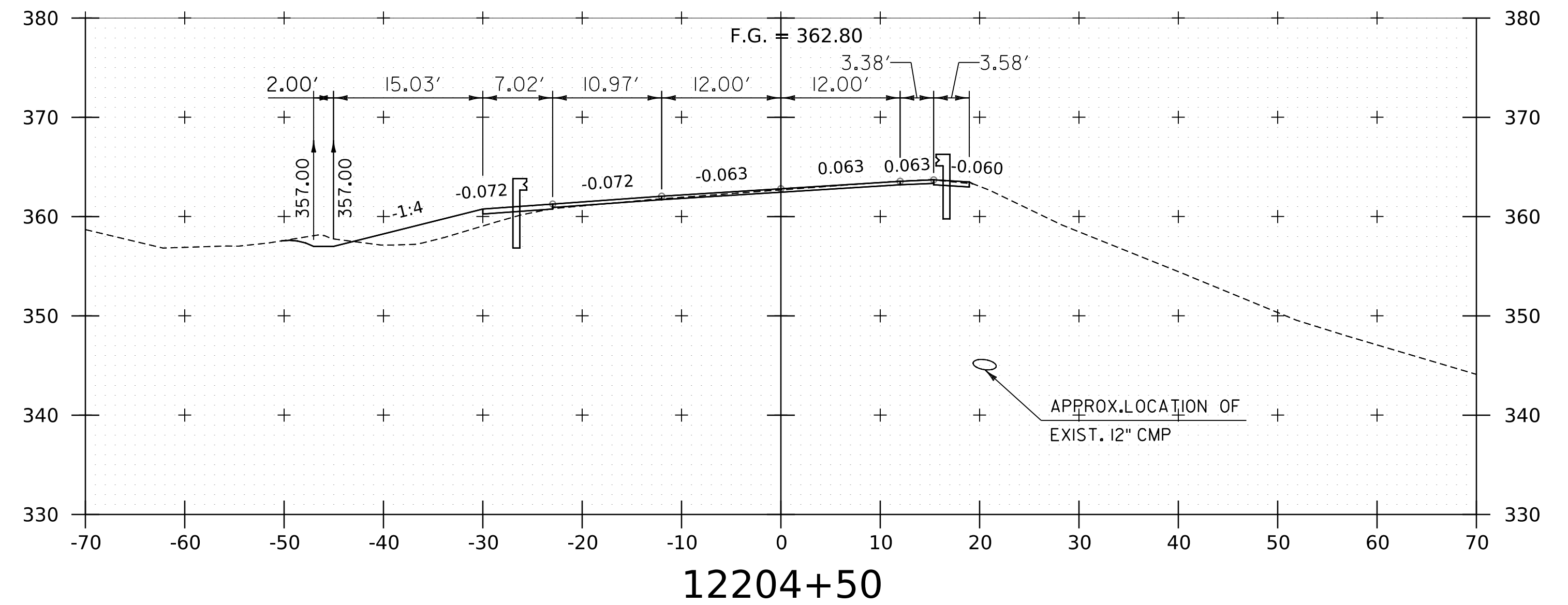
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs-I-91_SB.28.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	240 OF 439
DESIGNED BY:	C. HELMICK		
I-91 SB CROSS SECTIONS	34		



WORKING PLANS FOR REFERENCE ONLY



END SOUTHBOUND PROJECT

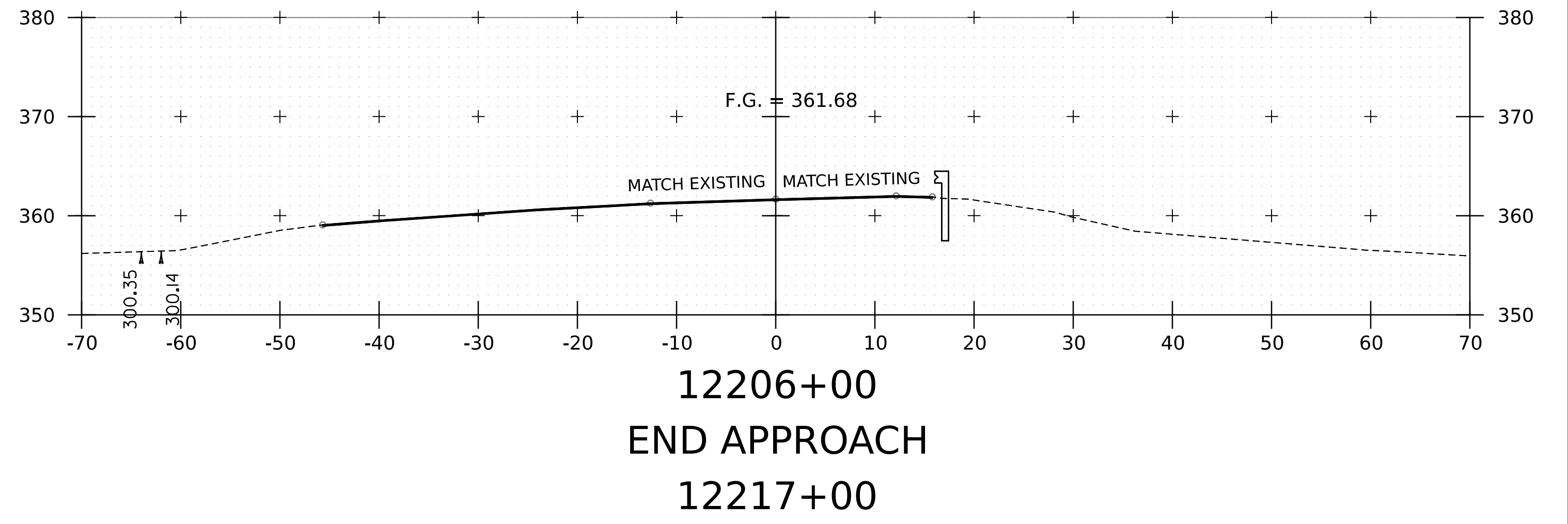
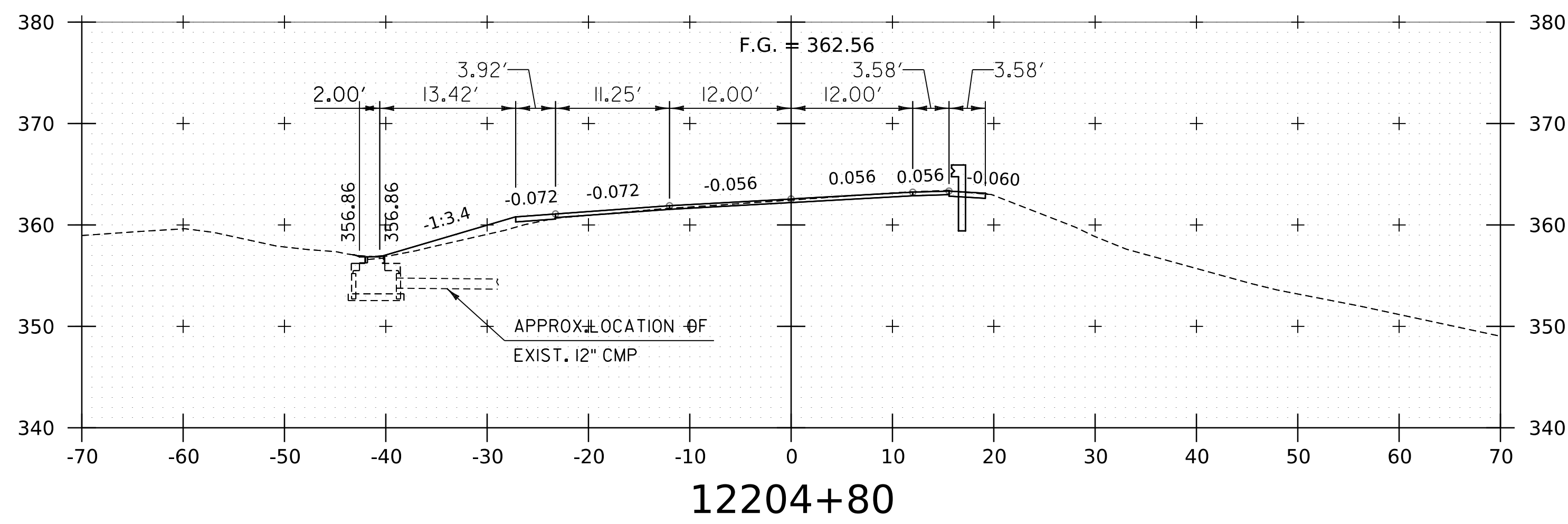
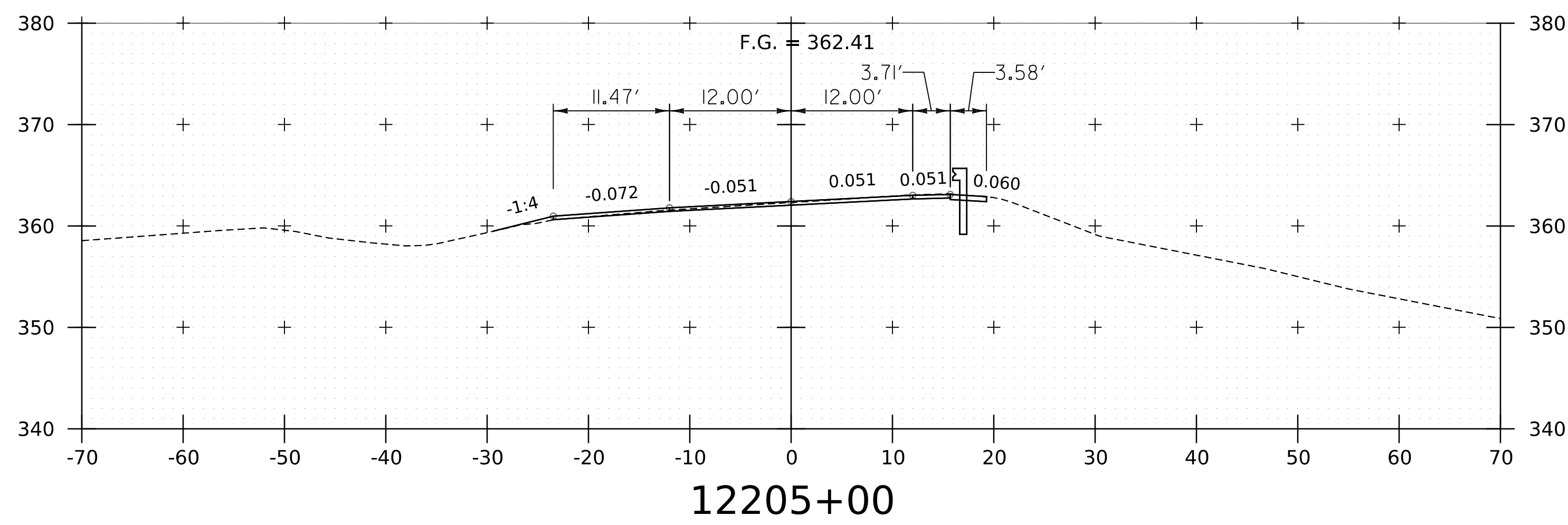
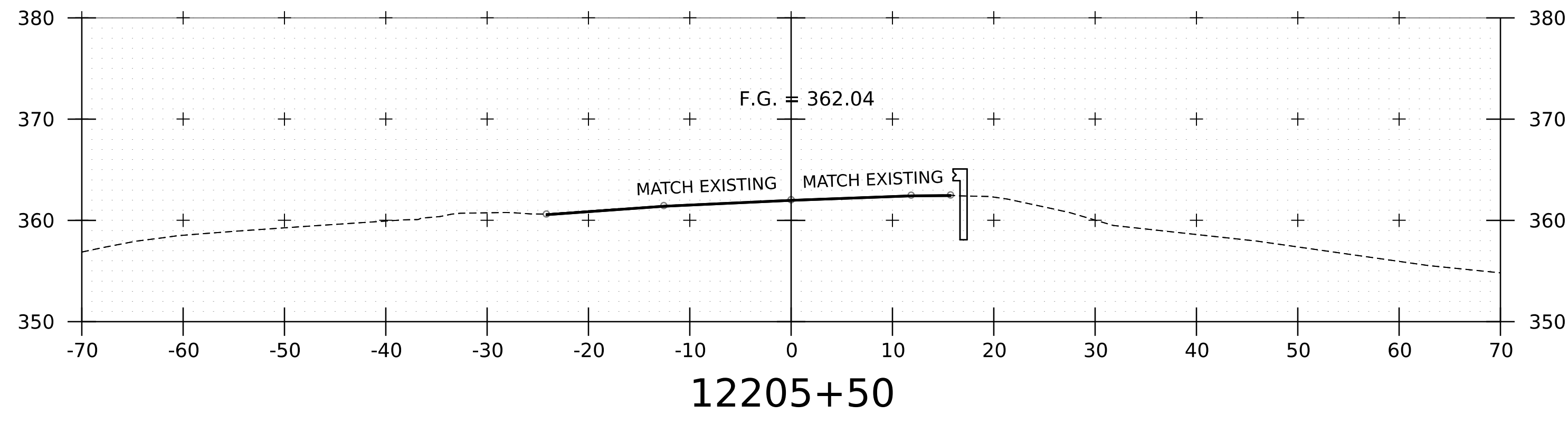


NOTE:
1. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91 SB.

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs-1-91-SB.28.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91SB CROSS SECTIONS 35		SHEET 241 OF 439



WORKING PLANS FOR REFERENCE ONLY

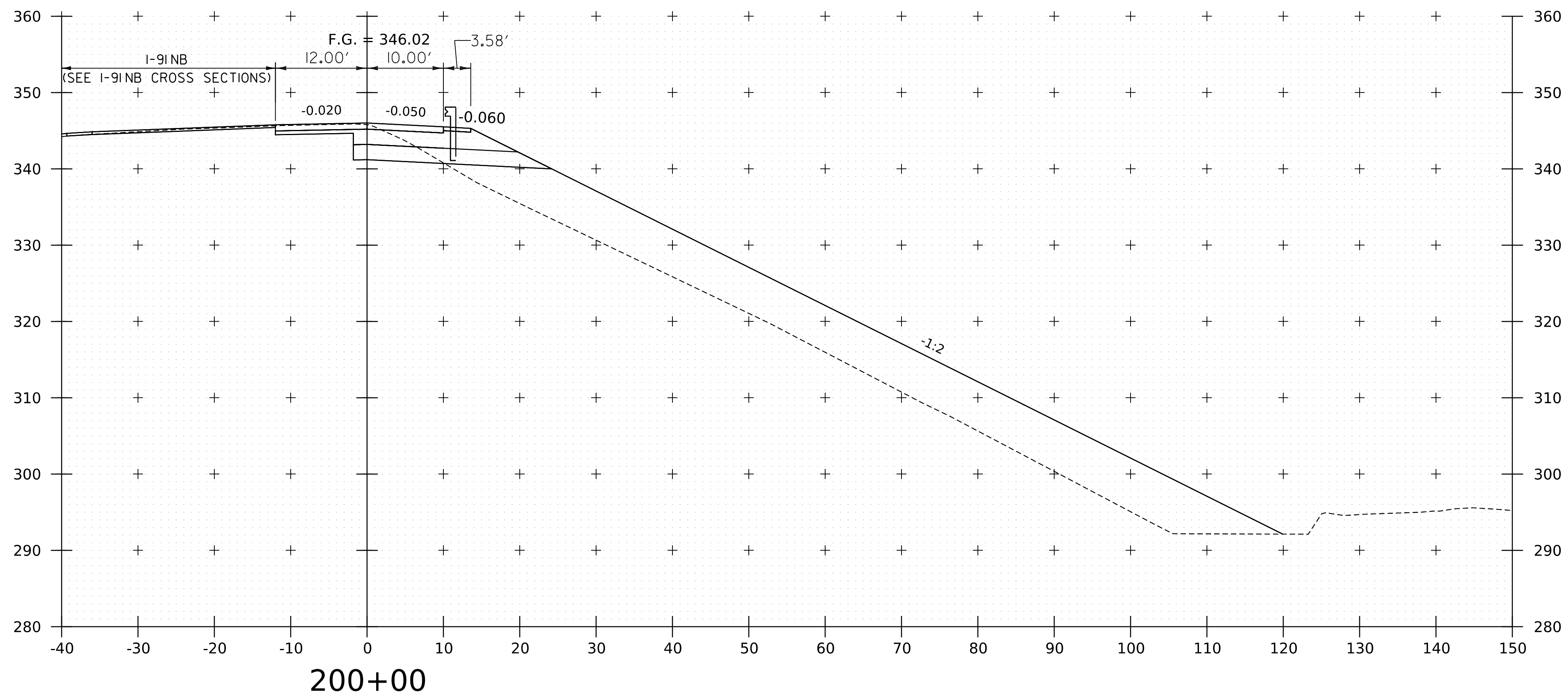
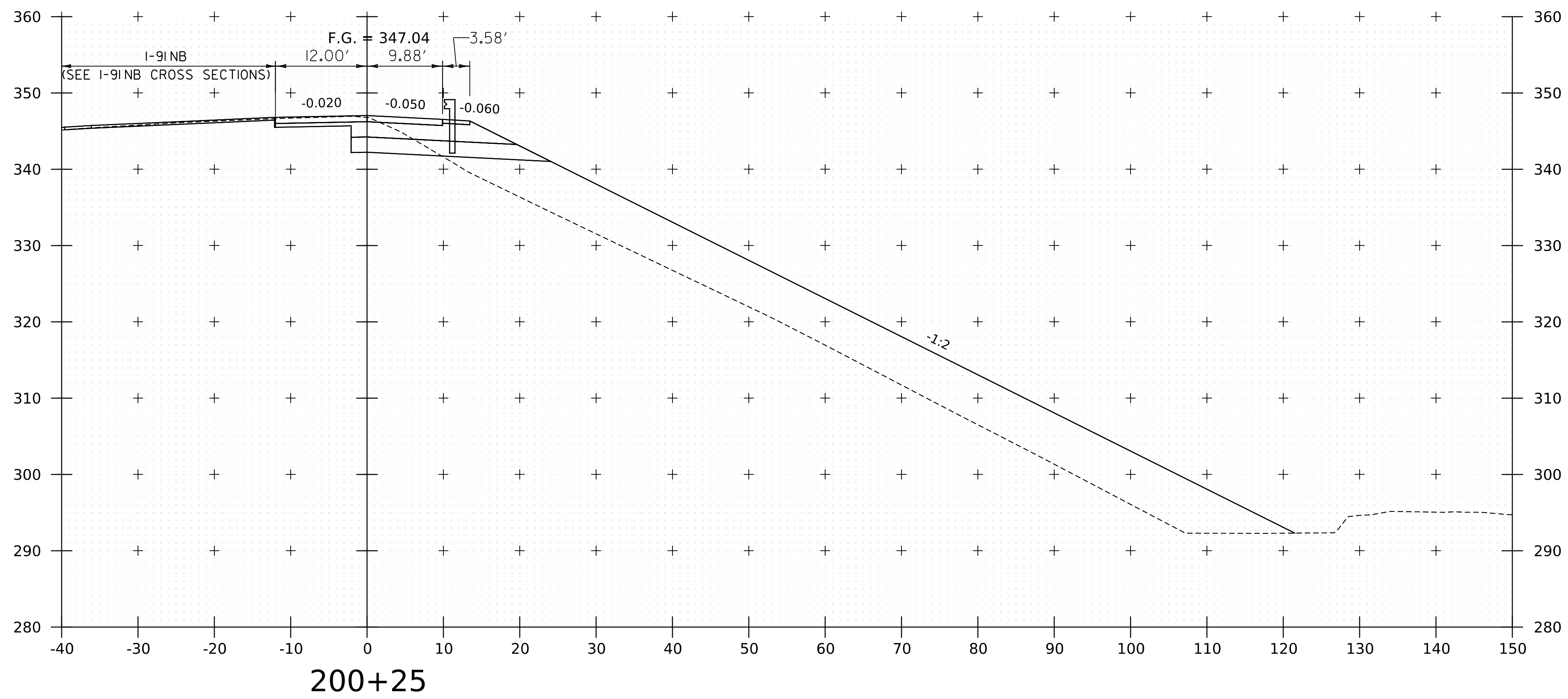


NOTE:
 1. REFER TO TYPICAL SECTIONS FOR MILL AND FILL AREA BETWEEN STA. 12206+00 AND 12217+00.
 2. CROSS SECTIONS SHOWN AT 25' INTERVAL FOR FULL DEPTH CONSTRUCTION AREAS, ALL OTHER AREAS SHOWN AT 50' INTERVAL FOR I-91SB.

PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs-1-91-SB.28.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	SHEET 242 OF 439
DESIGNED BY: C. HELMICK	
I-91SB CROSS SECTIONS 36	



WORKING PLANS FOR REFERENCE ONLY

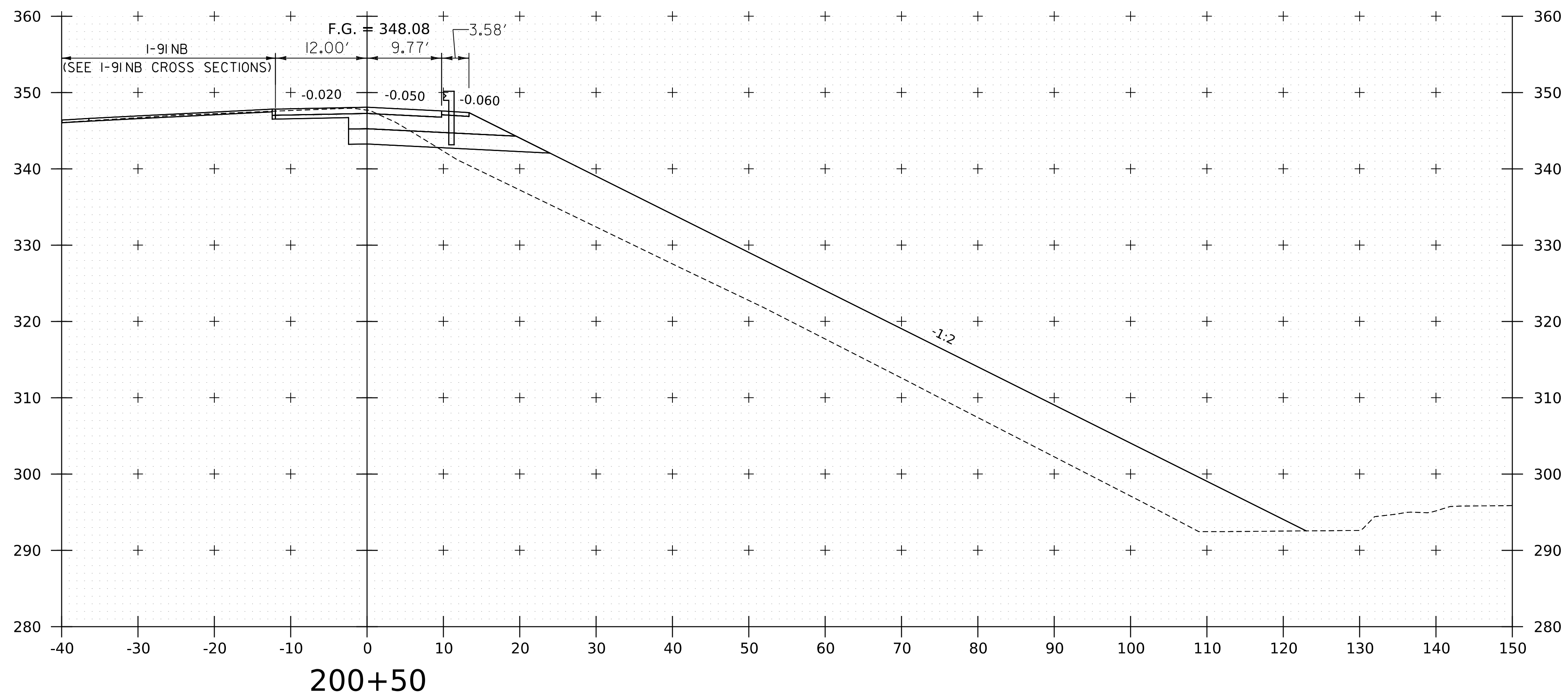
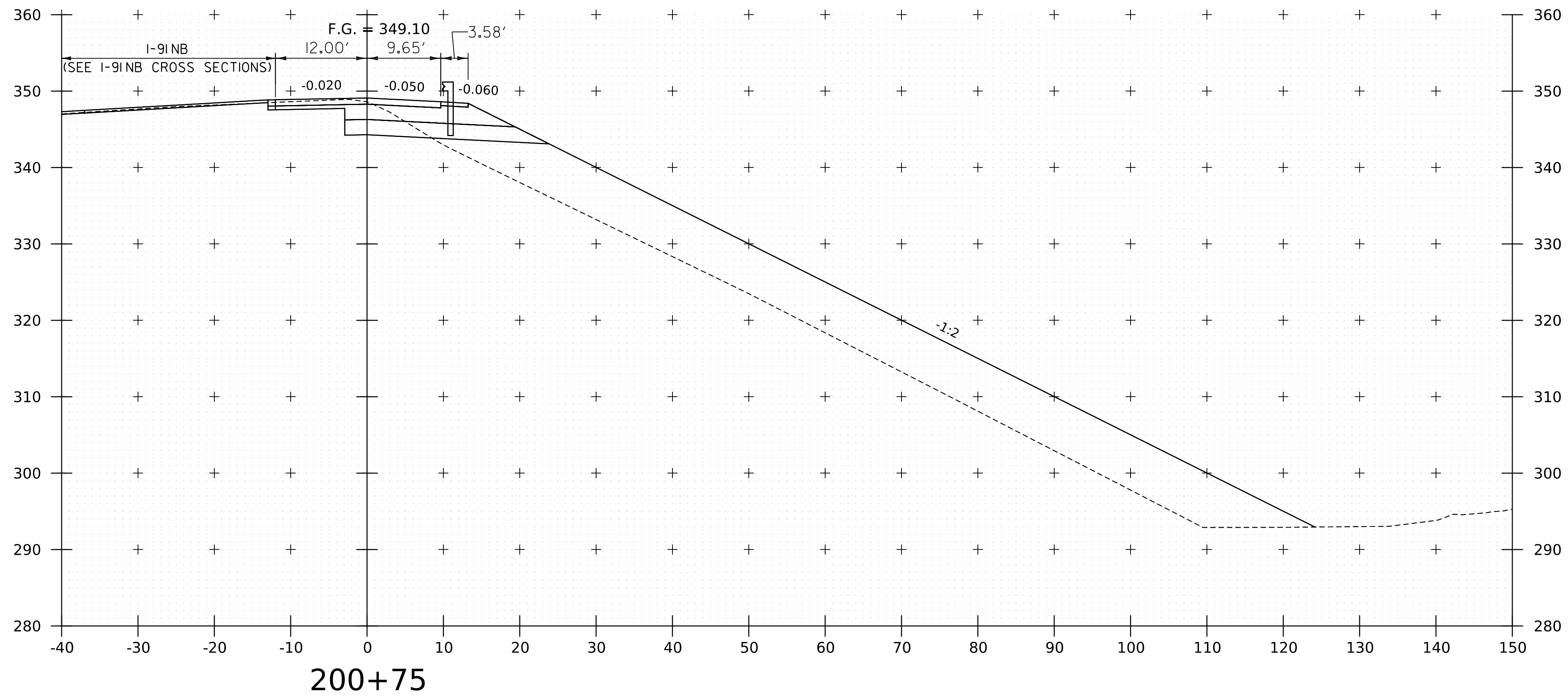


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574xs.I-91_NB_Off_Ramp.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS I SHEET 243 OF 439



WORKING PLANS FOR REFERENCE ONLY

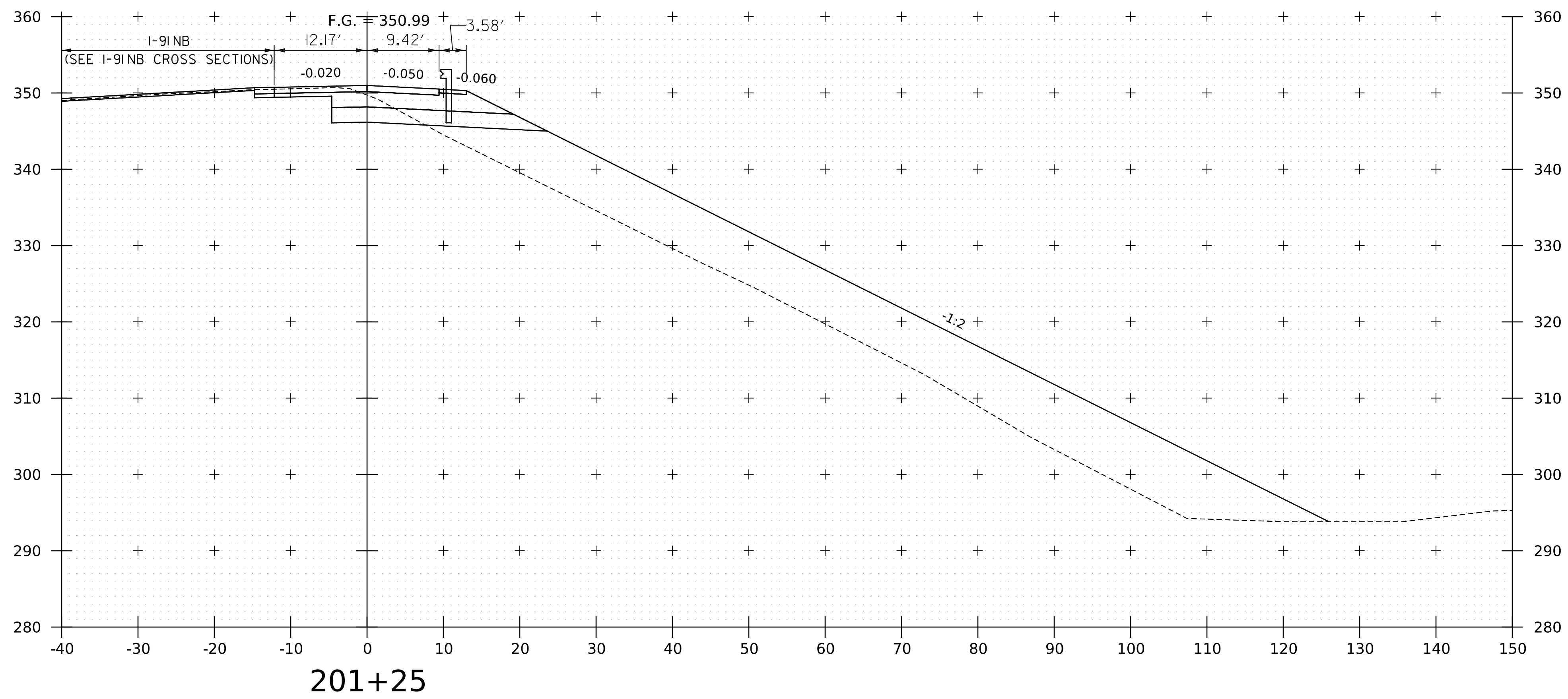


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PROJECT NUMBER: IM 091-I(83)

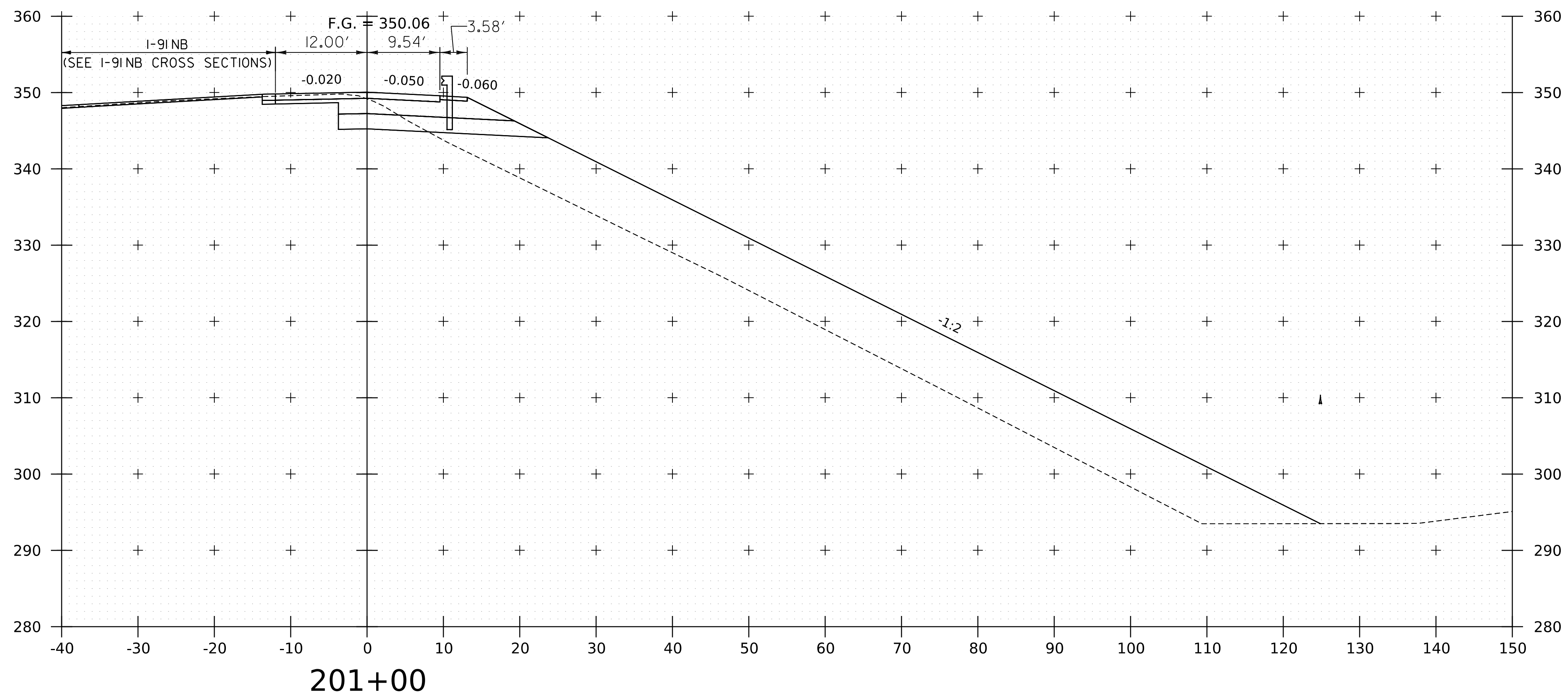
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PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 2 SHEET 244 OF 439



WORKING PLANS FOR REFERENCE ONLY



201+25



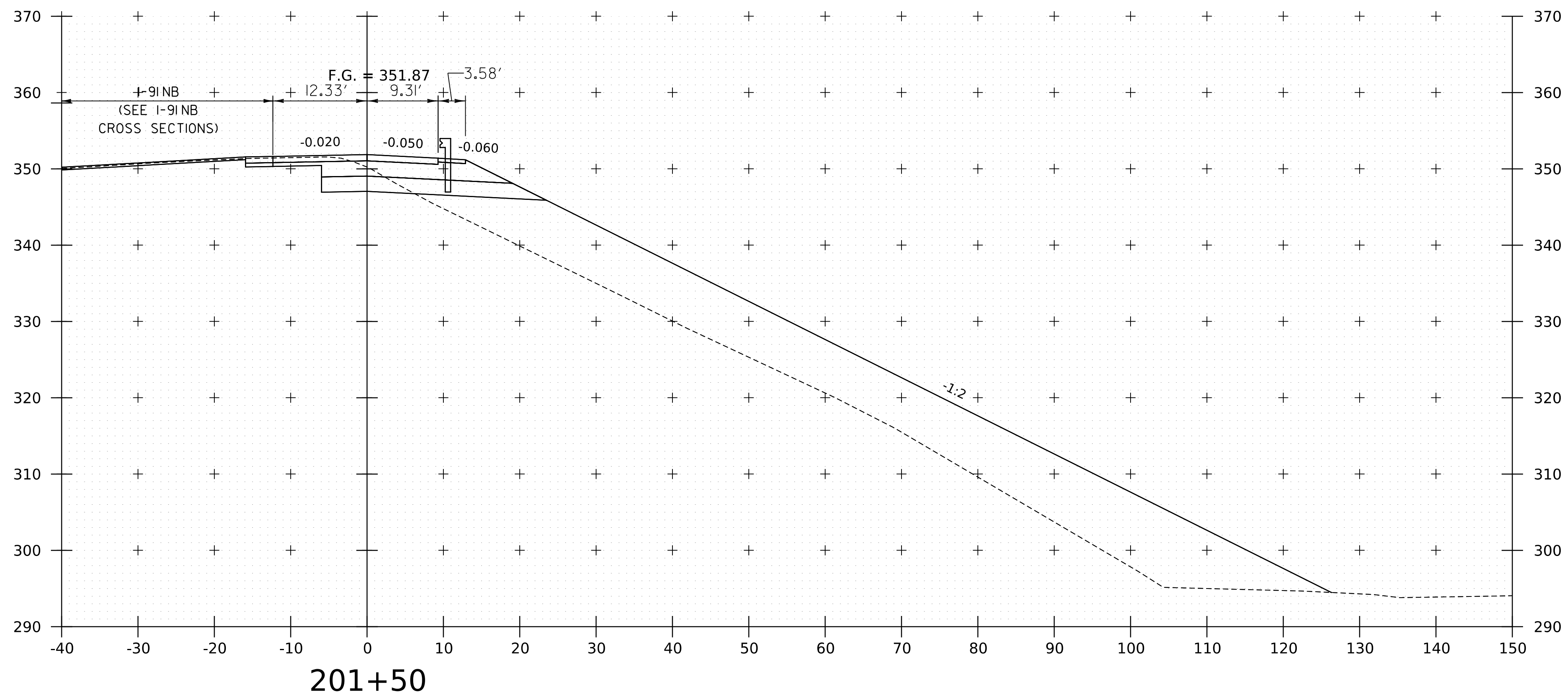
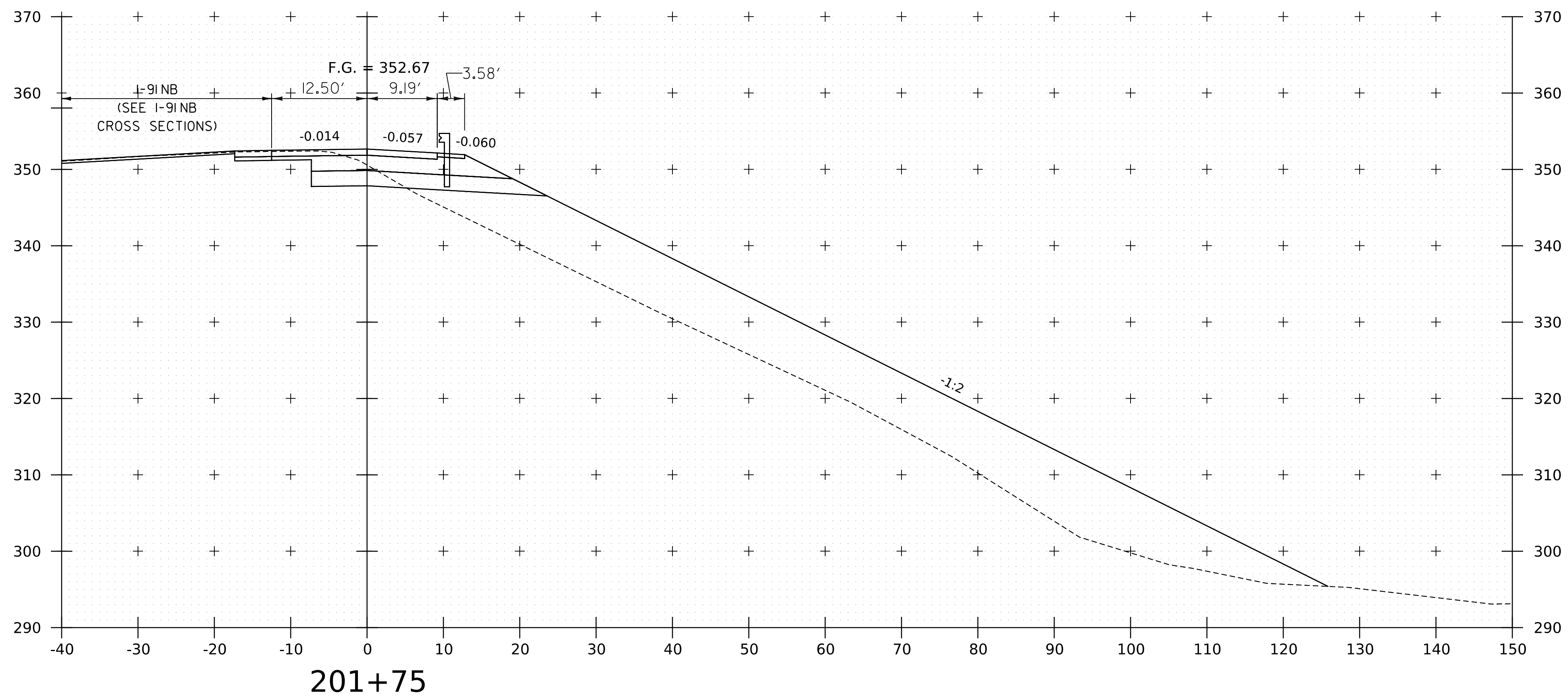
201+00

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574xs.I-91NB_Off_Ramp.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 3 SHEET 245 OF 439



WORKING PLANS FOR REFERENCE ONLY

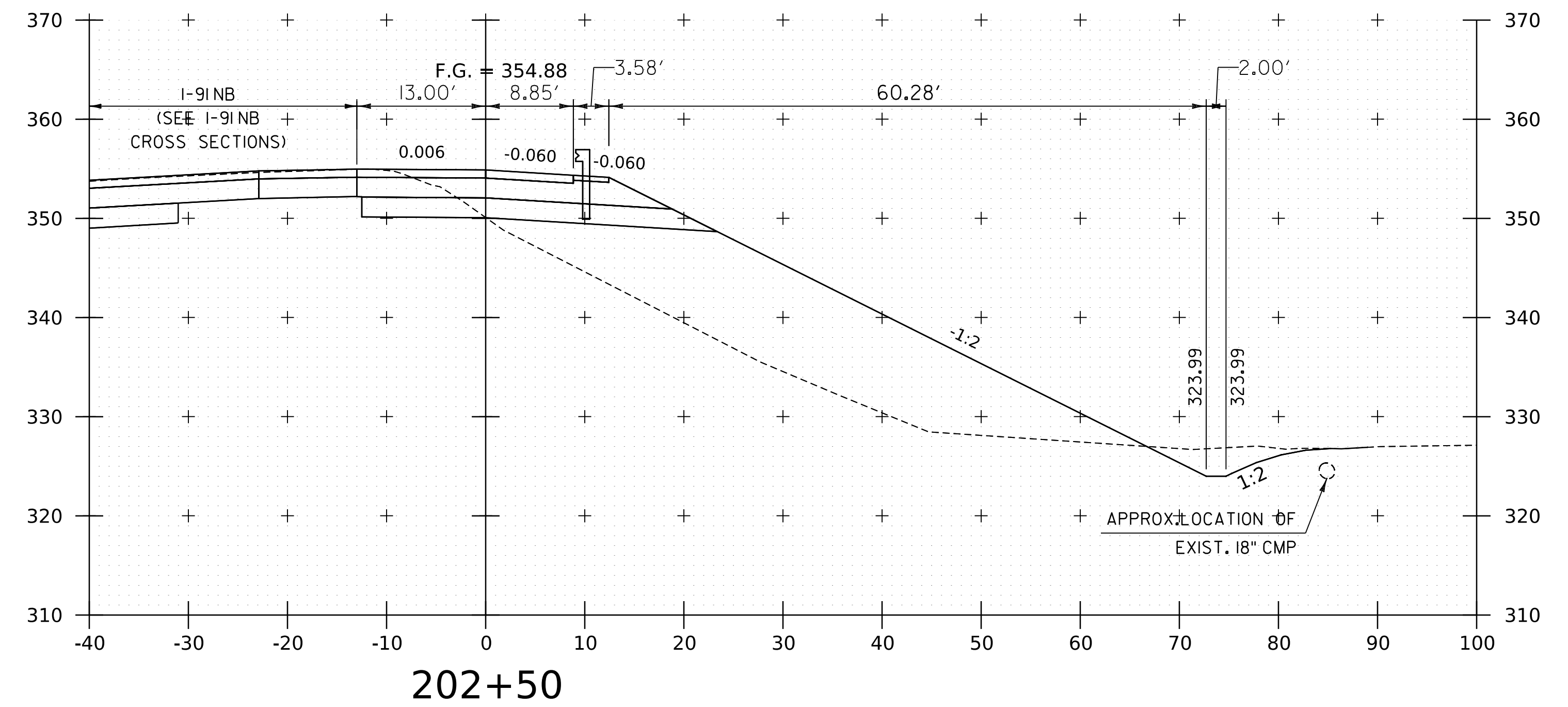
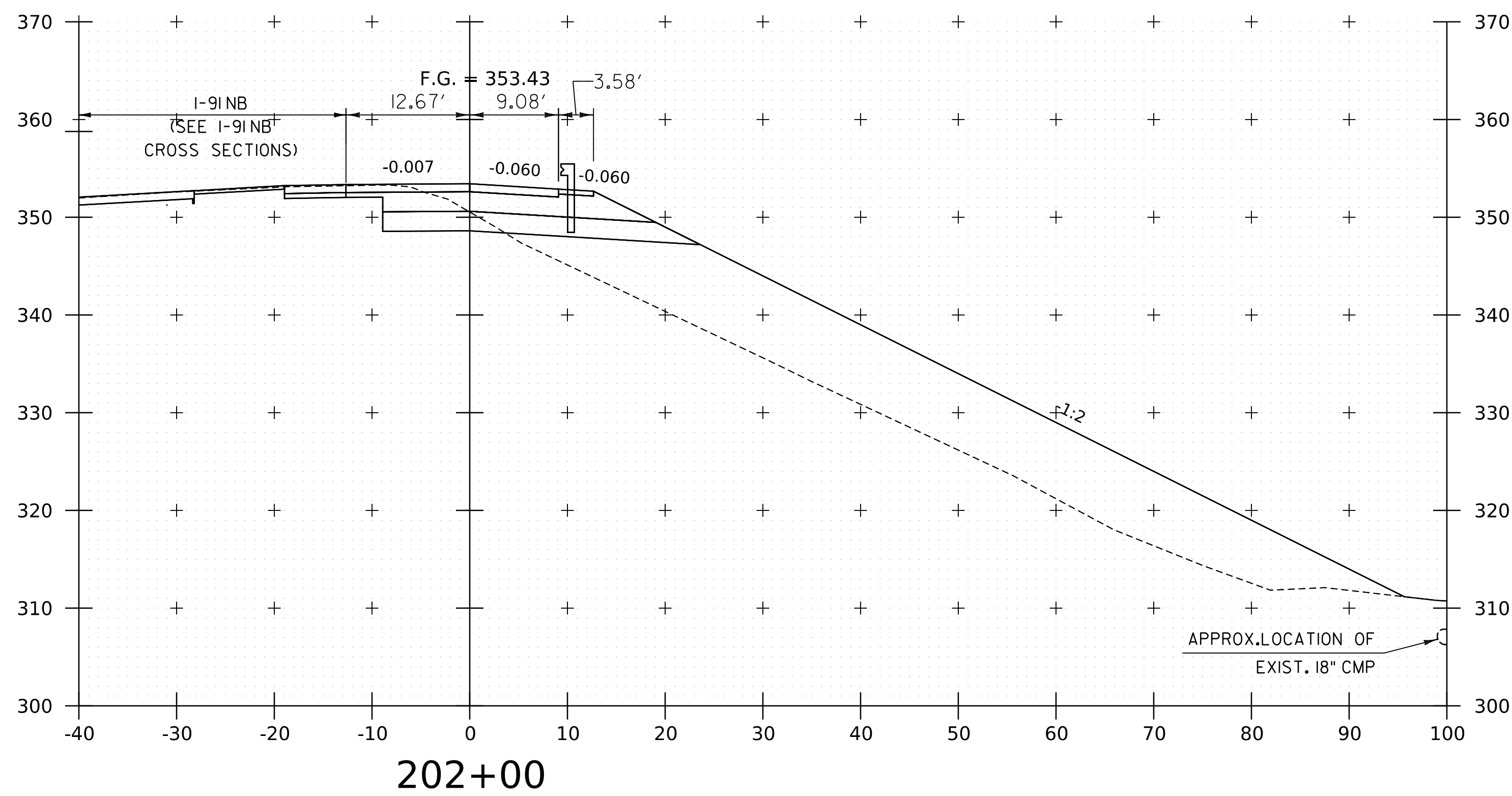
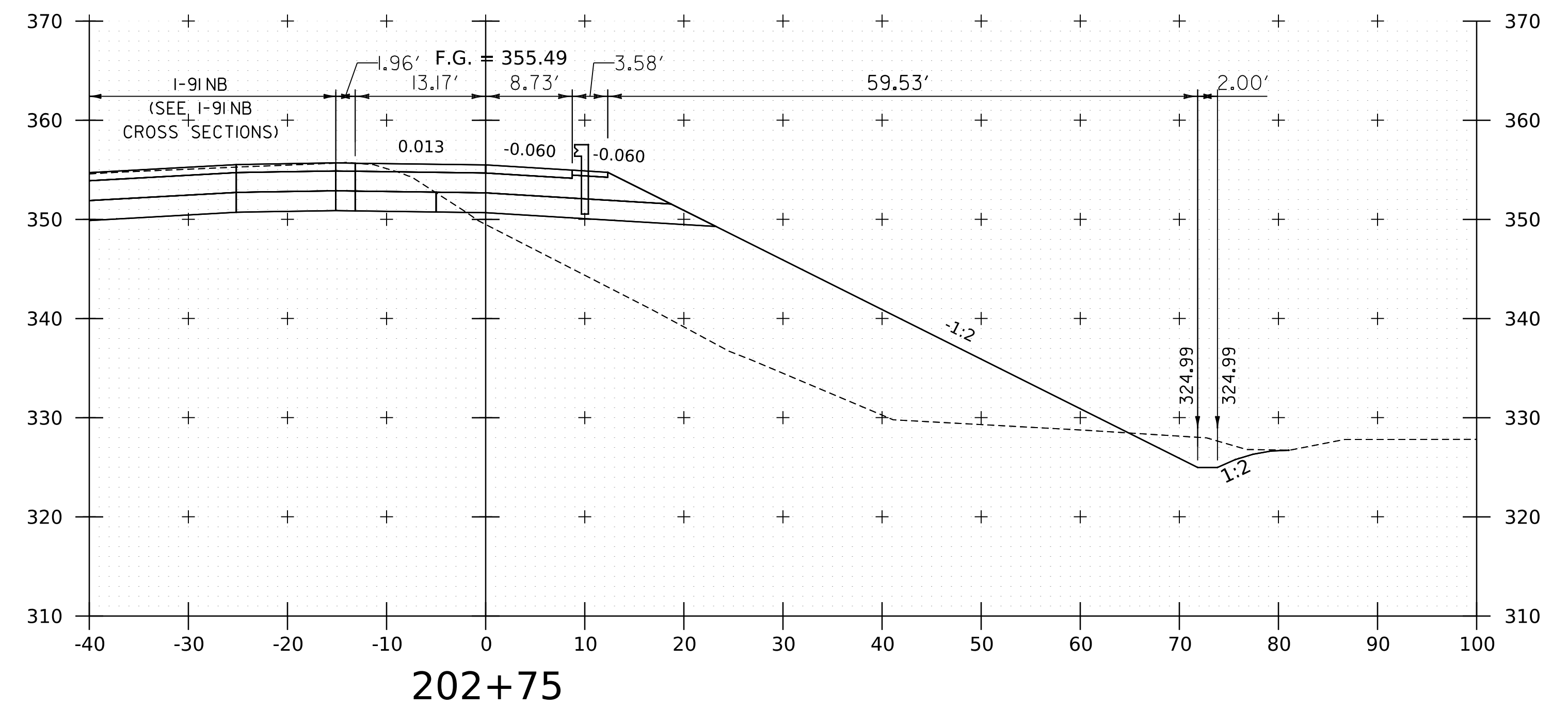
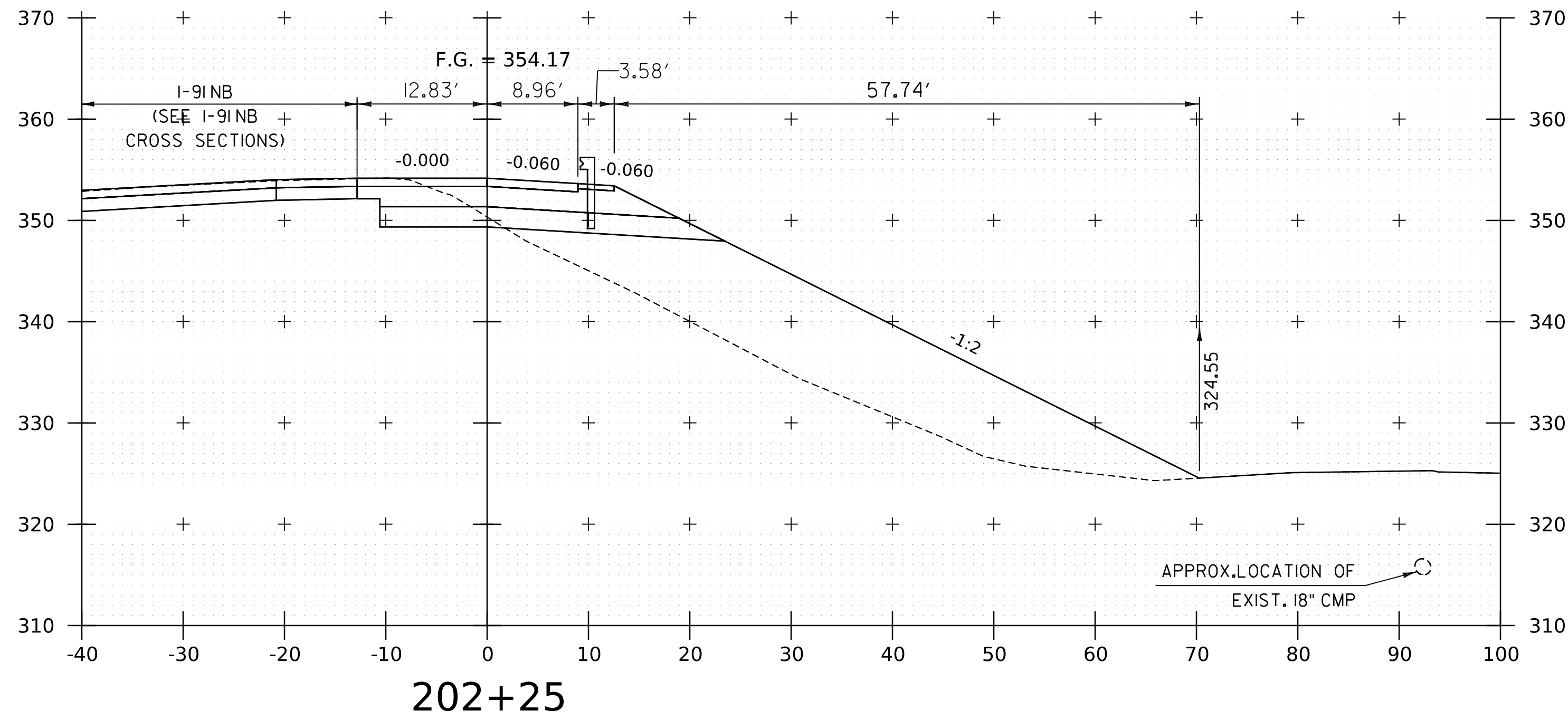


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574xs.I-91NB_Off_Ramp.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 4 SHEET 246 OF 439



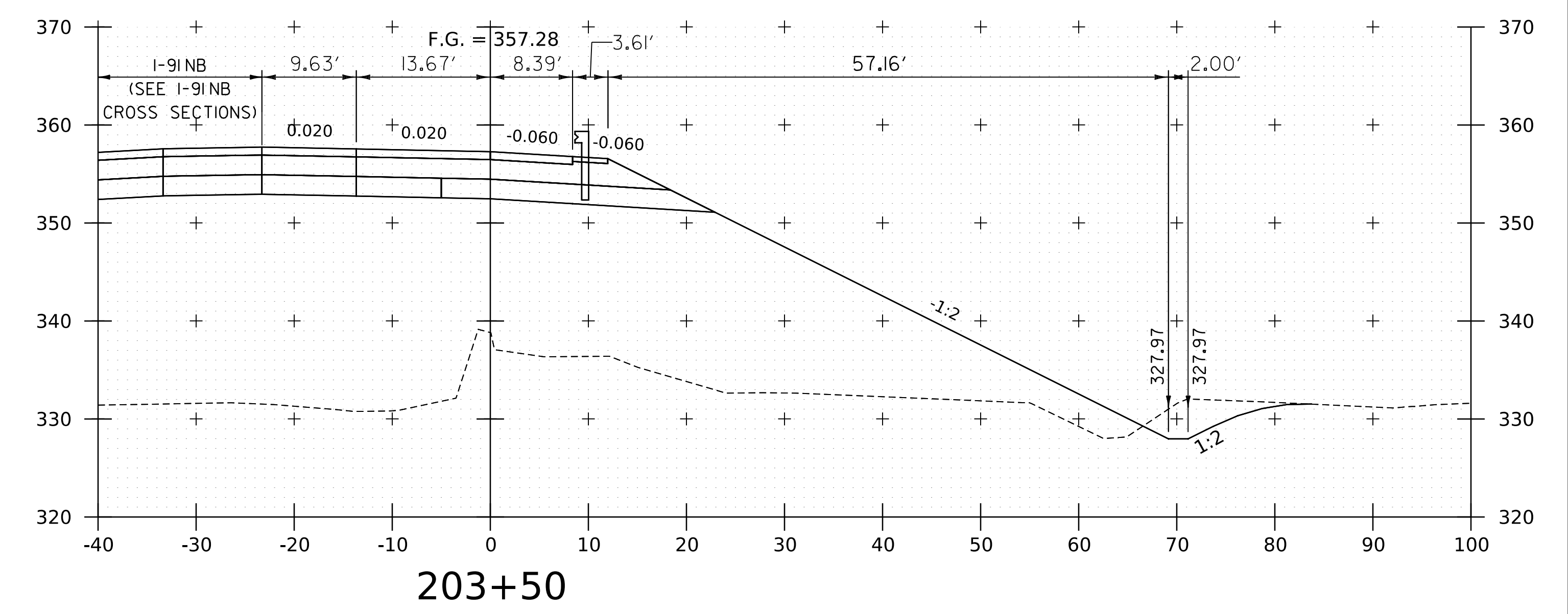
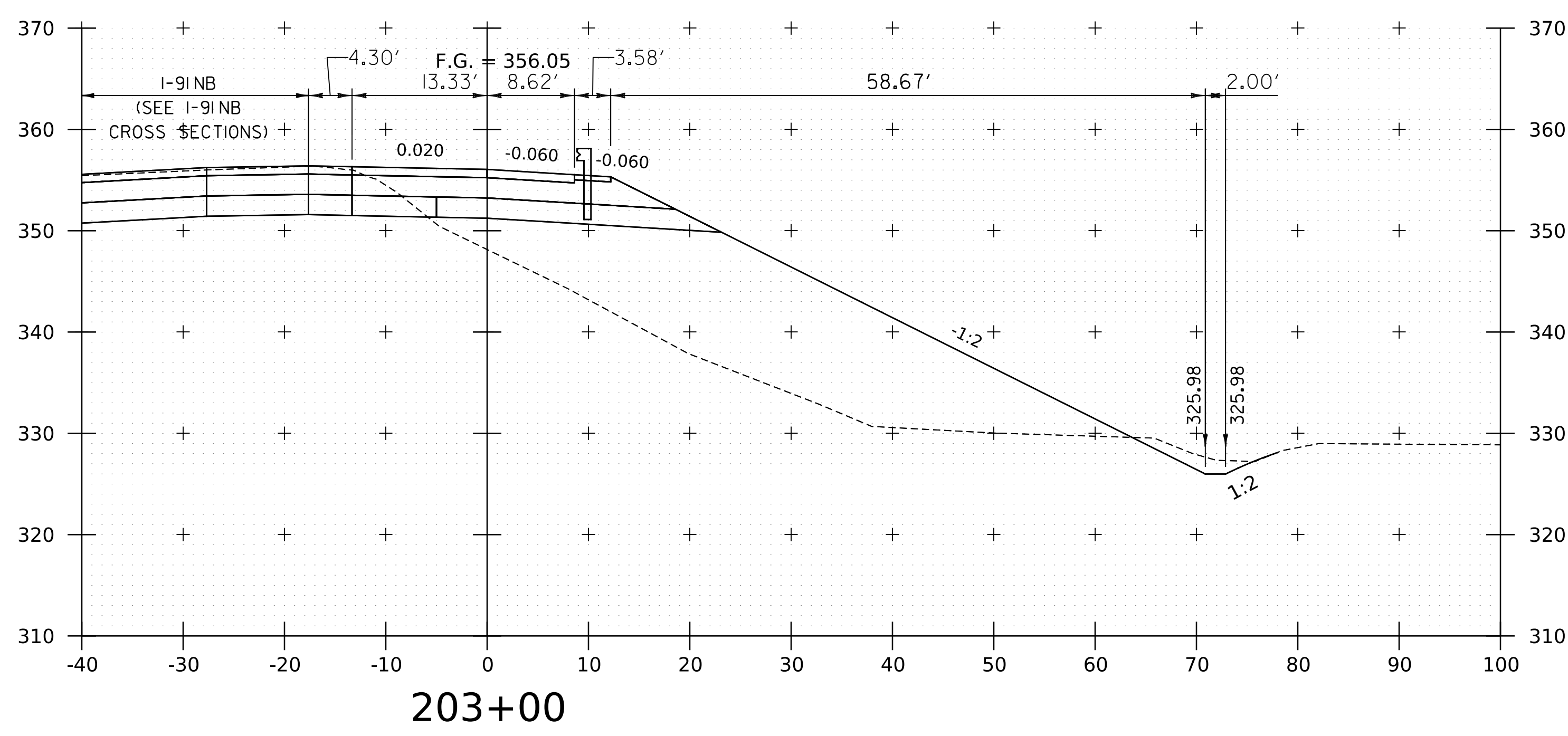
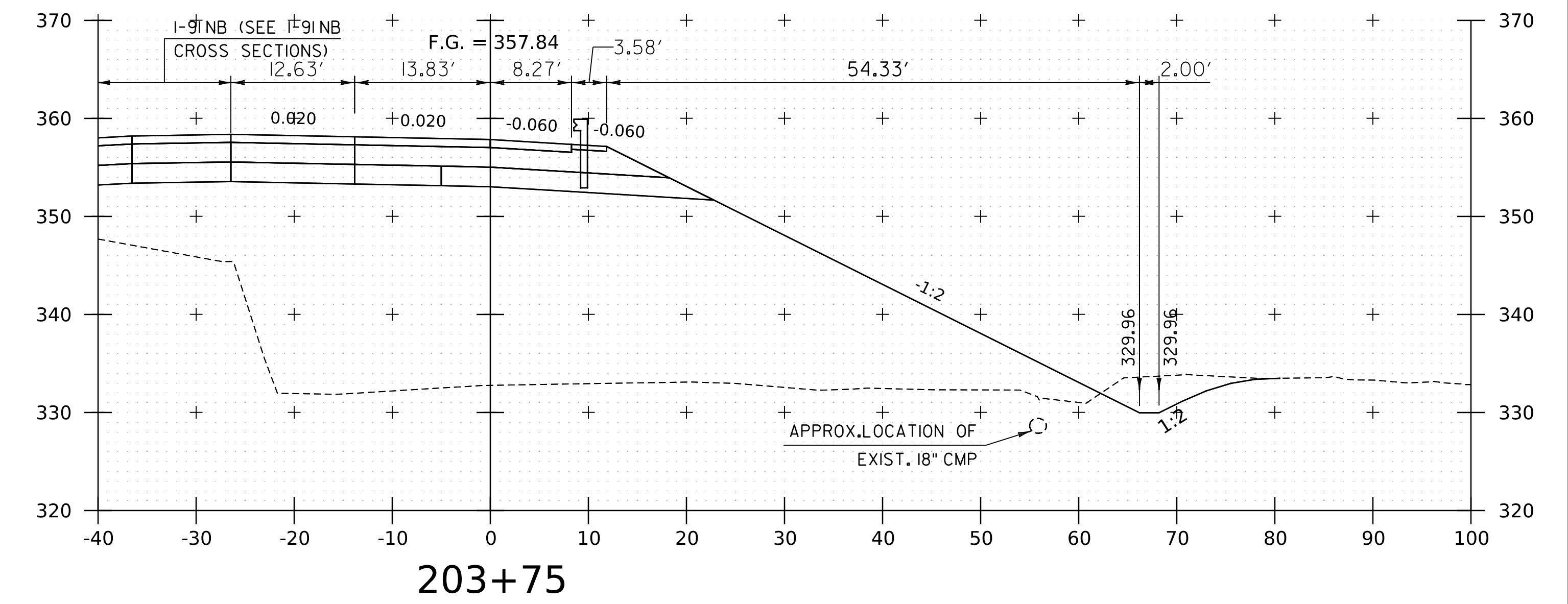
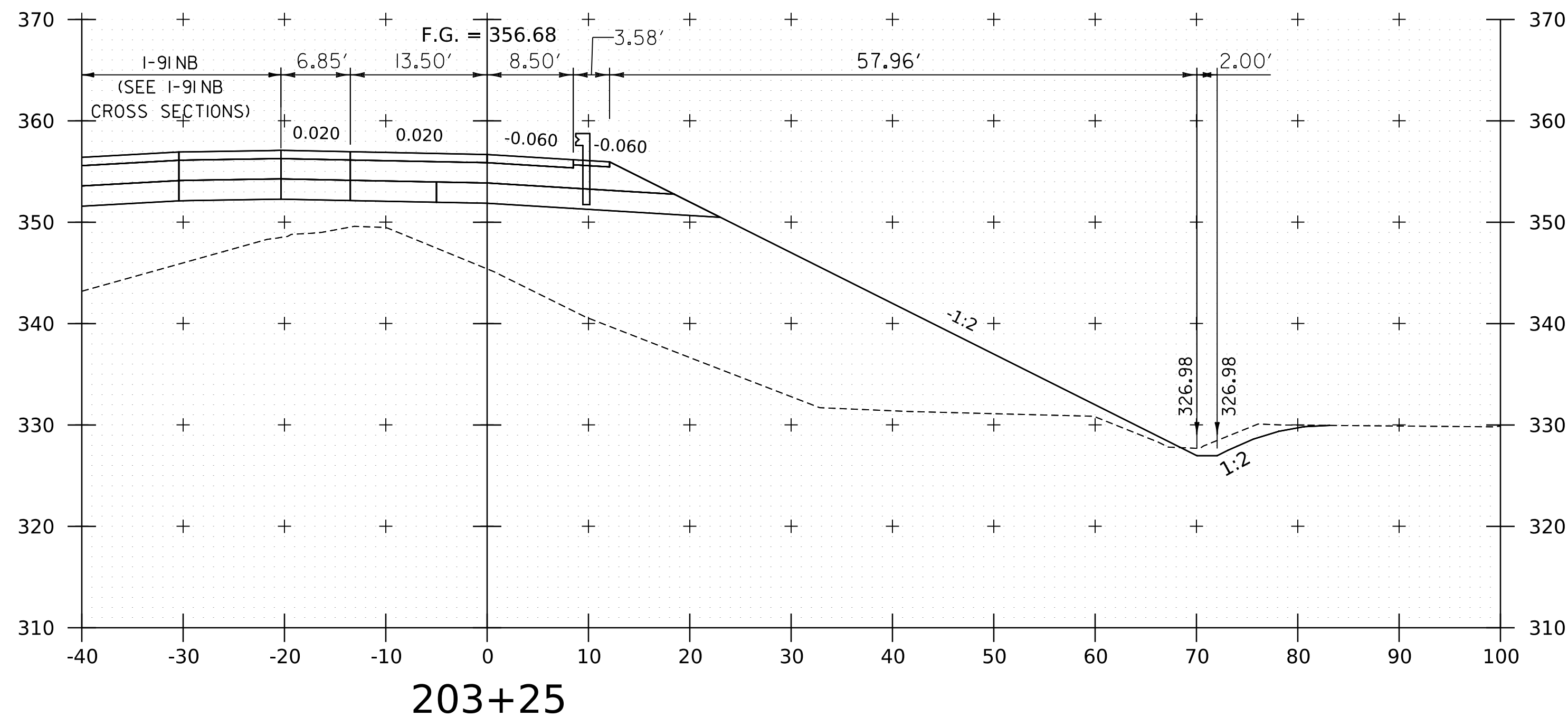
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_1-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91 NB OFF RAMP CROSS SECTIONS 5	SHEET 247 OF 439



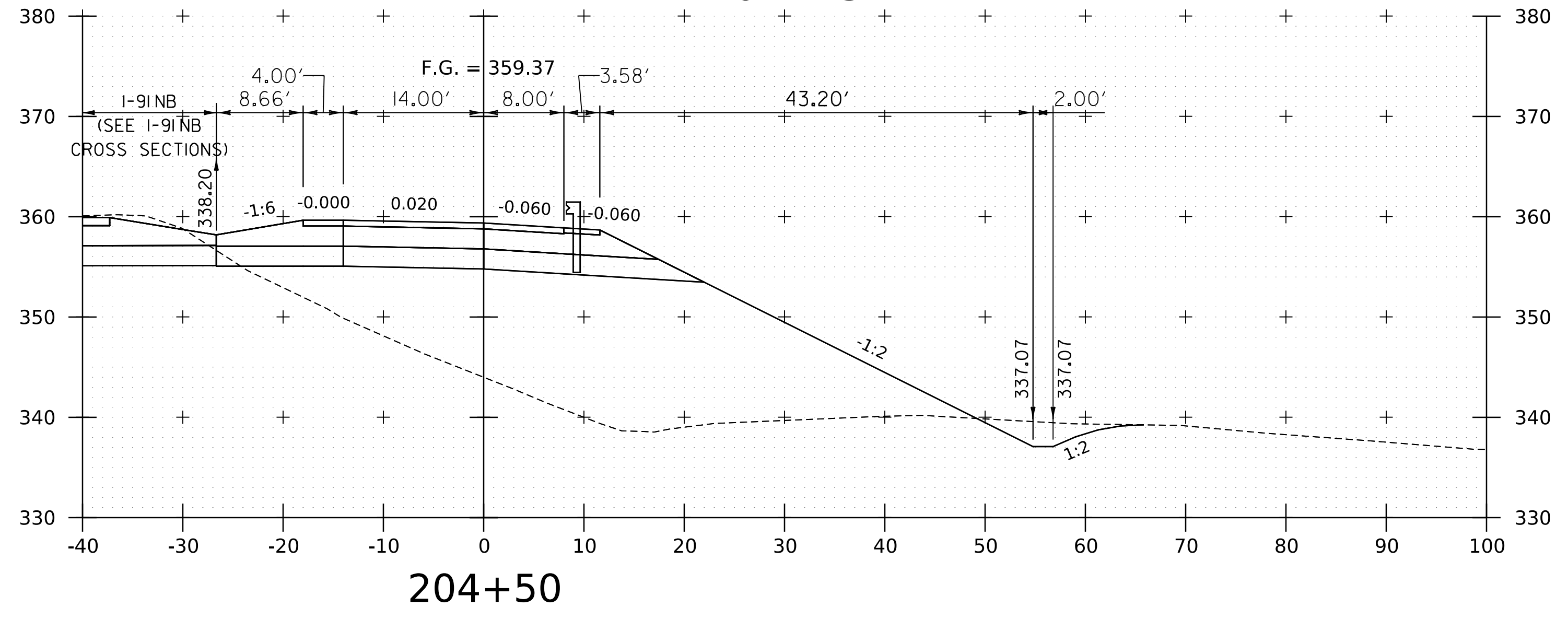
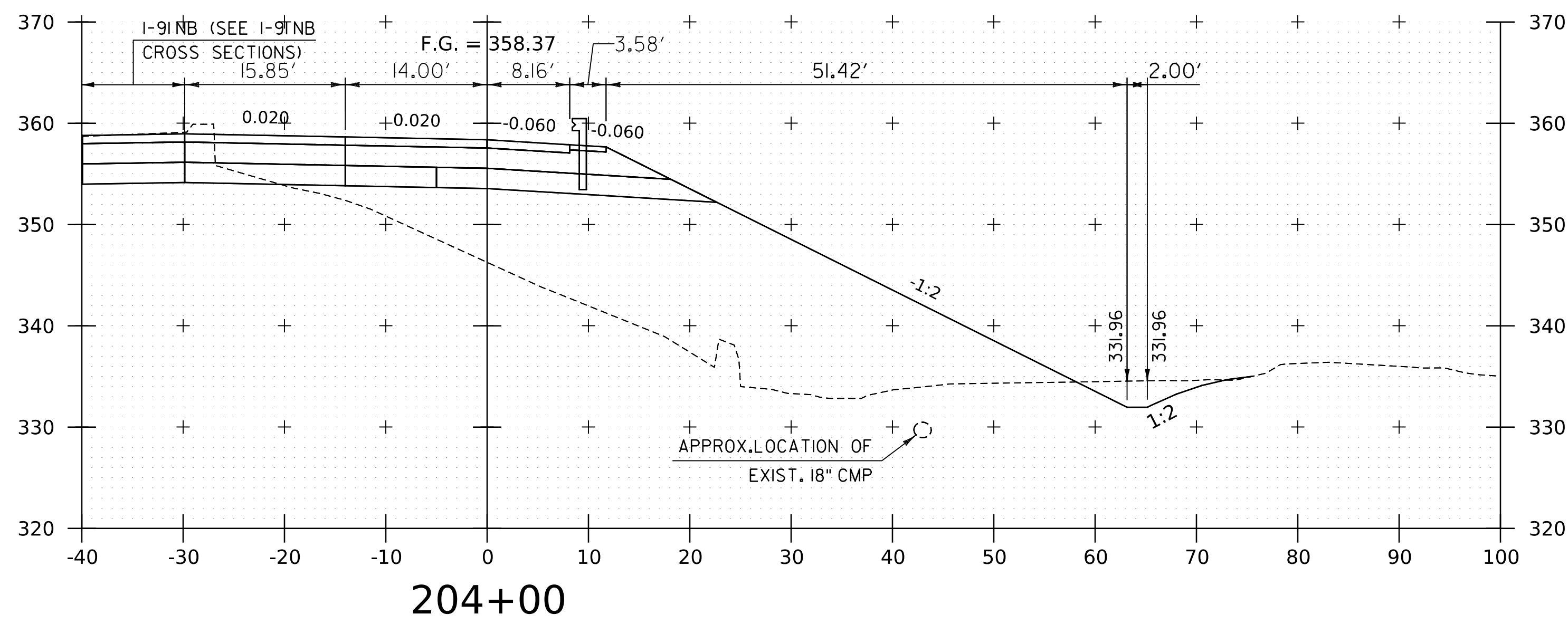
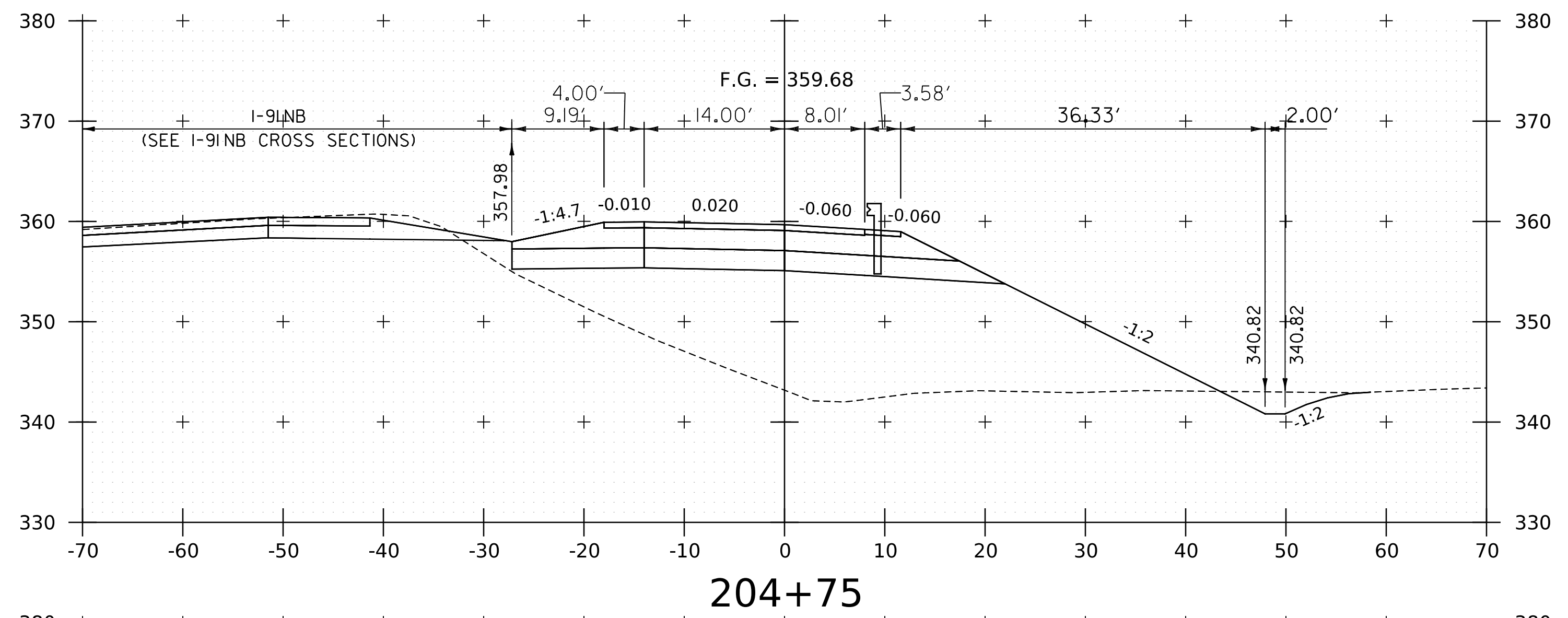
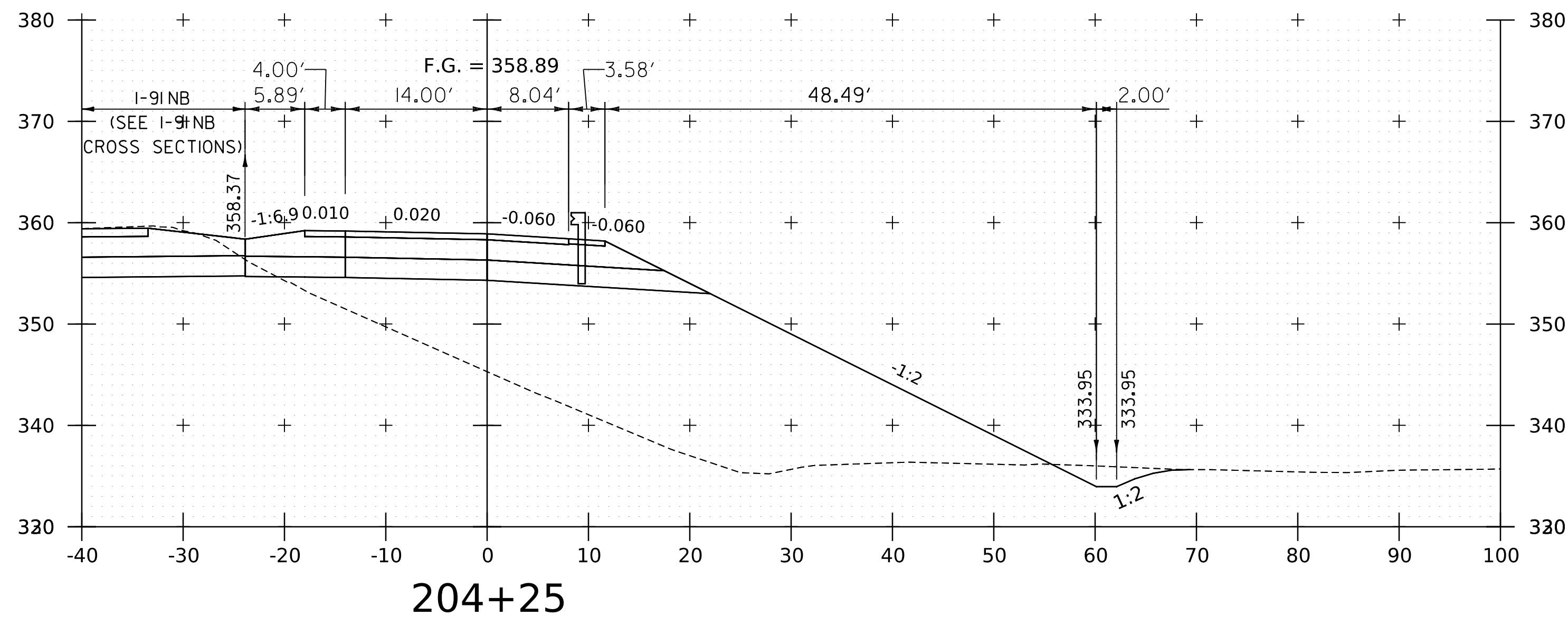
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_1-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 6	SHEET 248 OF 439



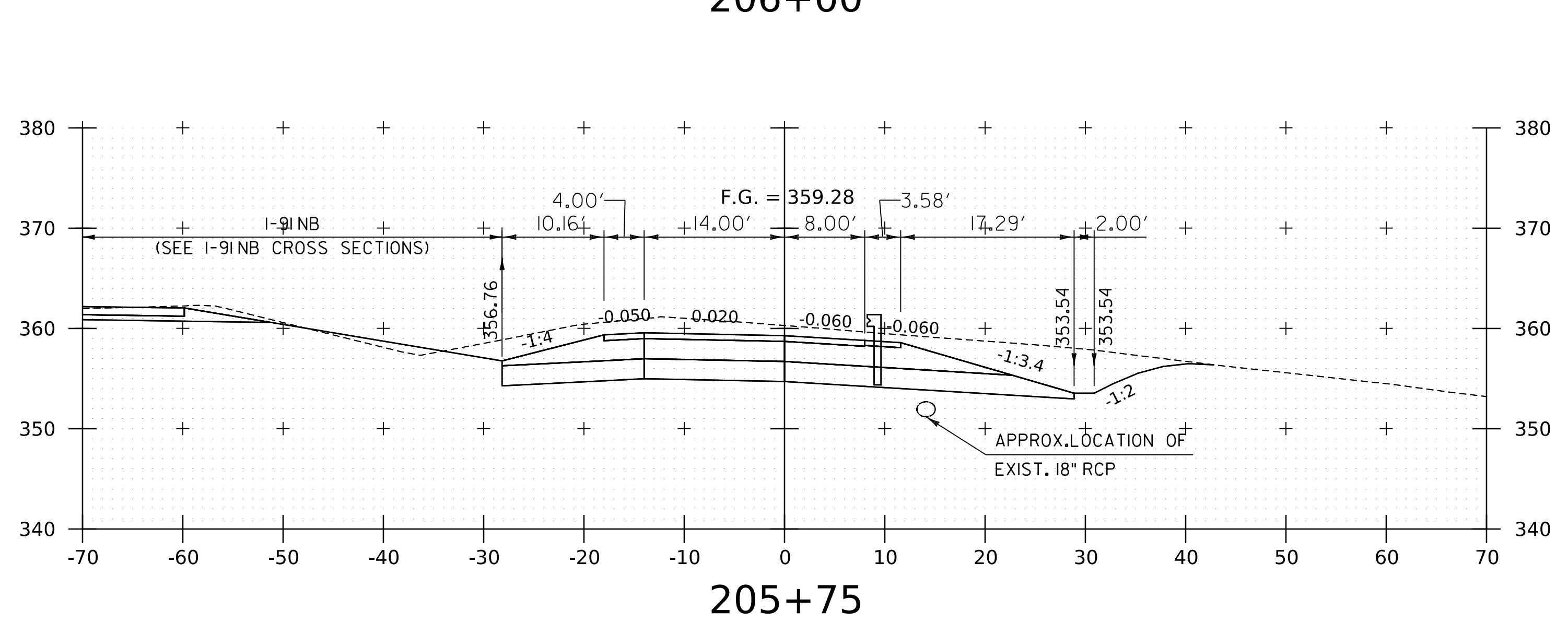
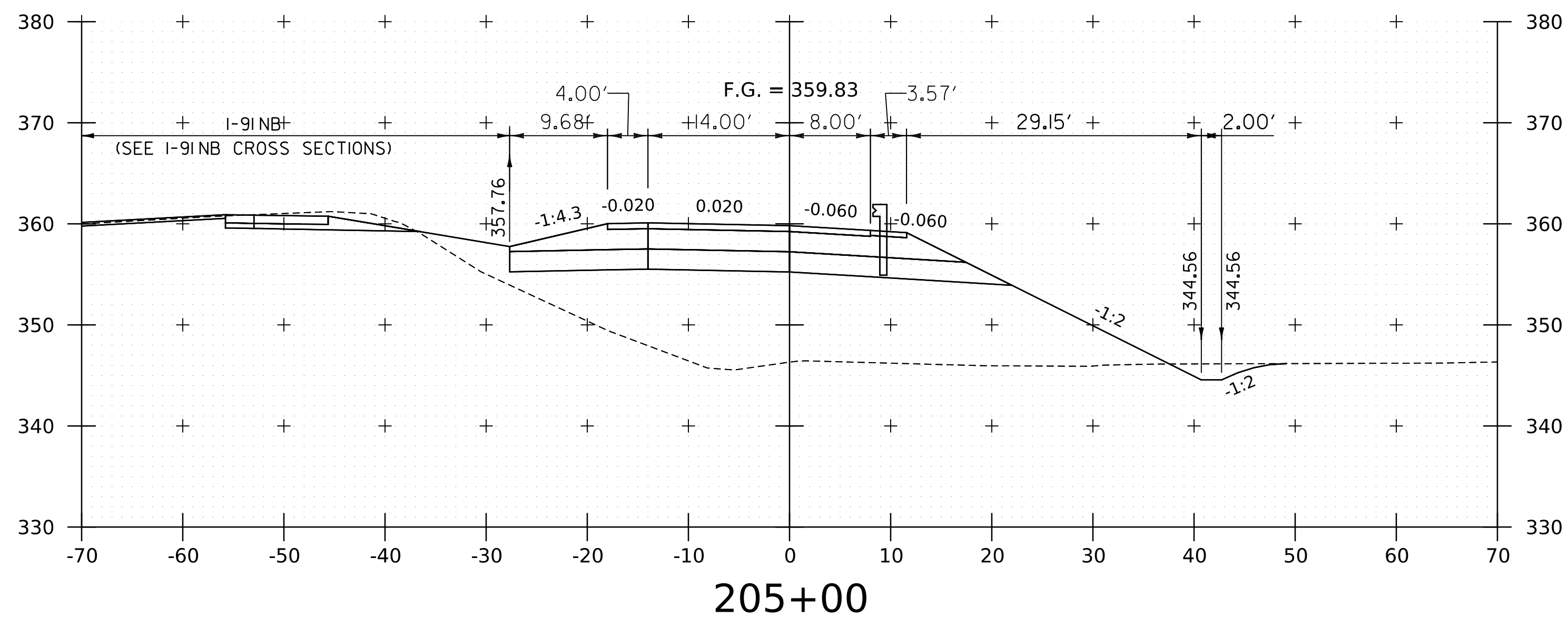
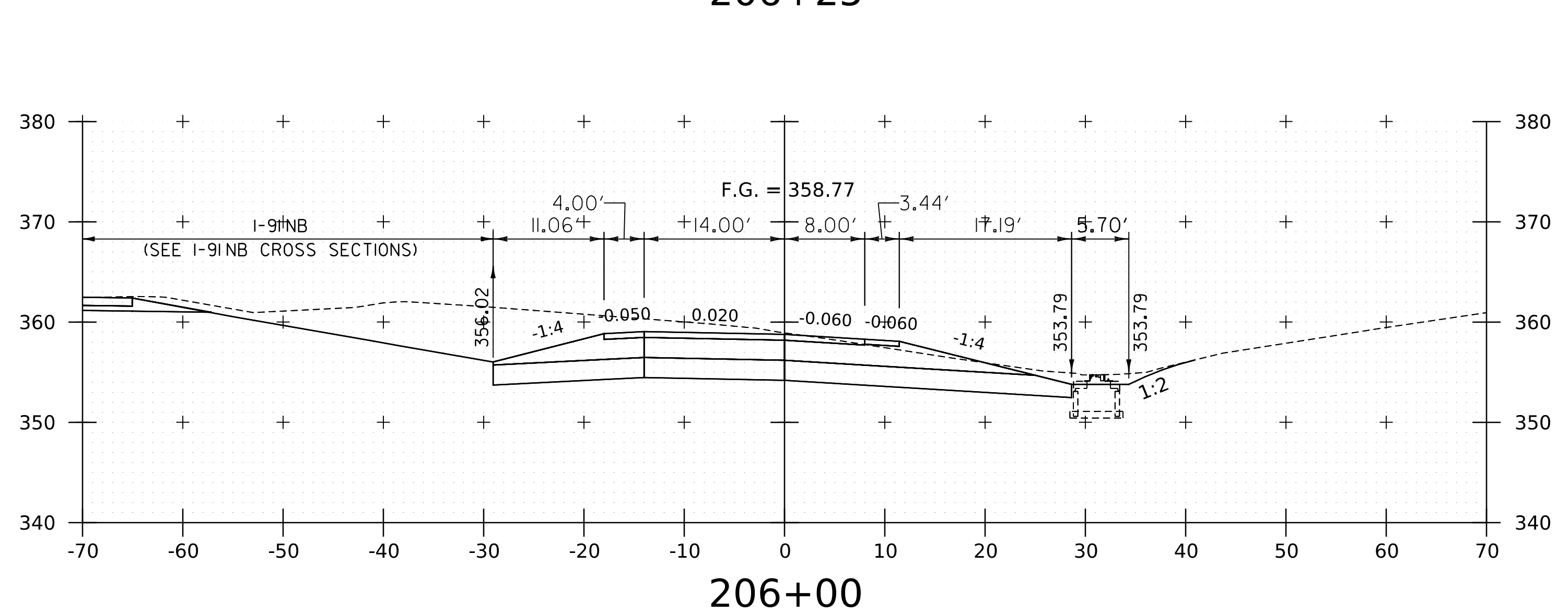
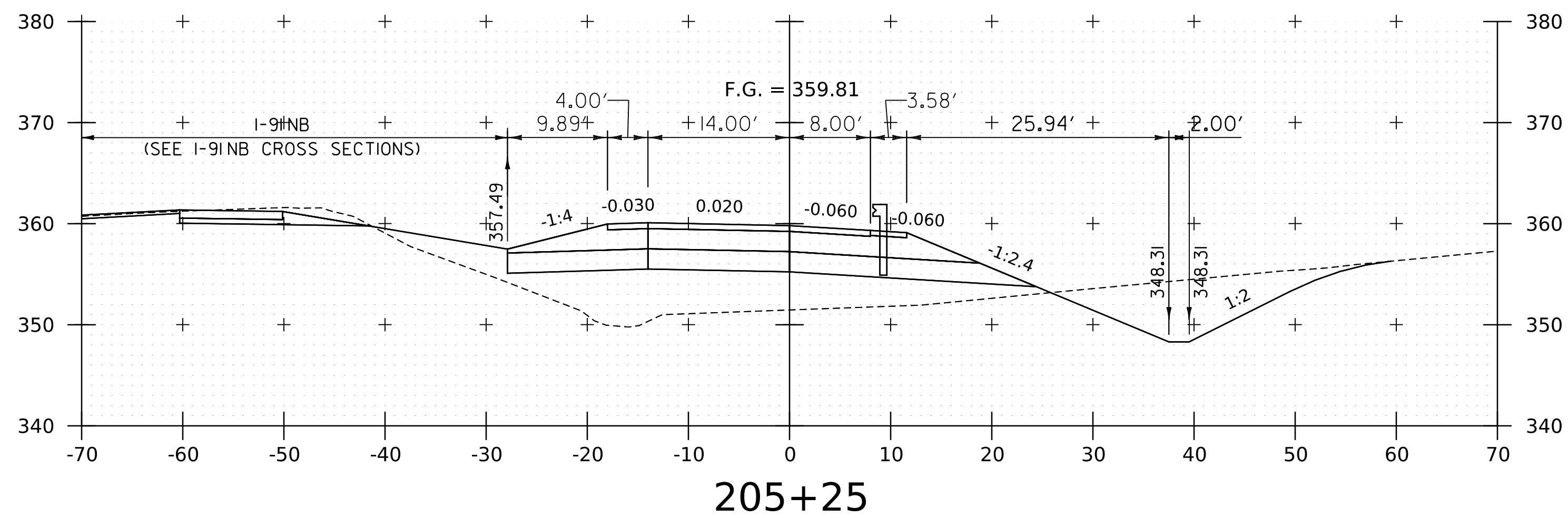
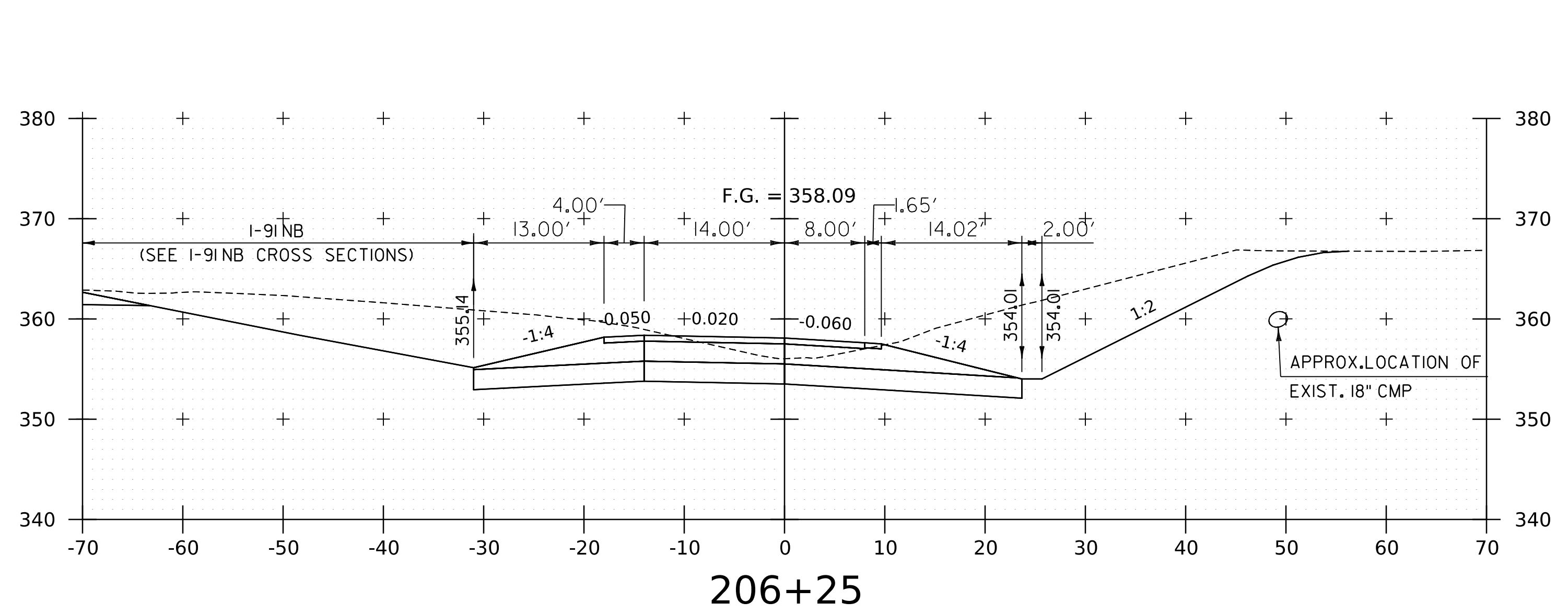
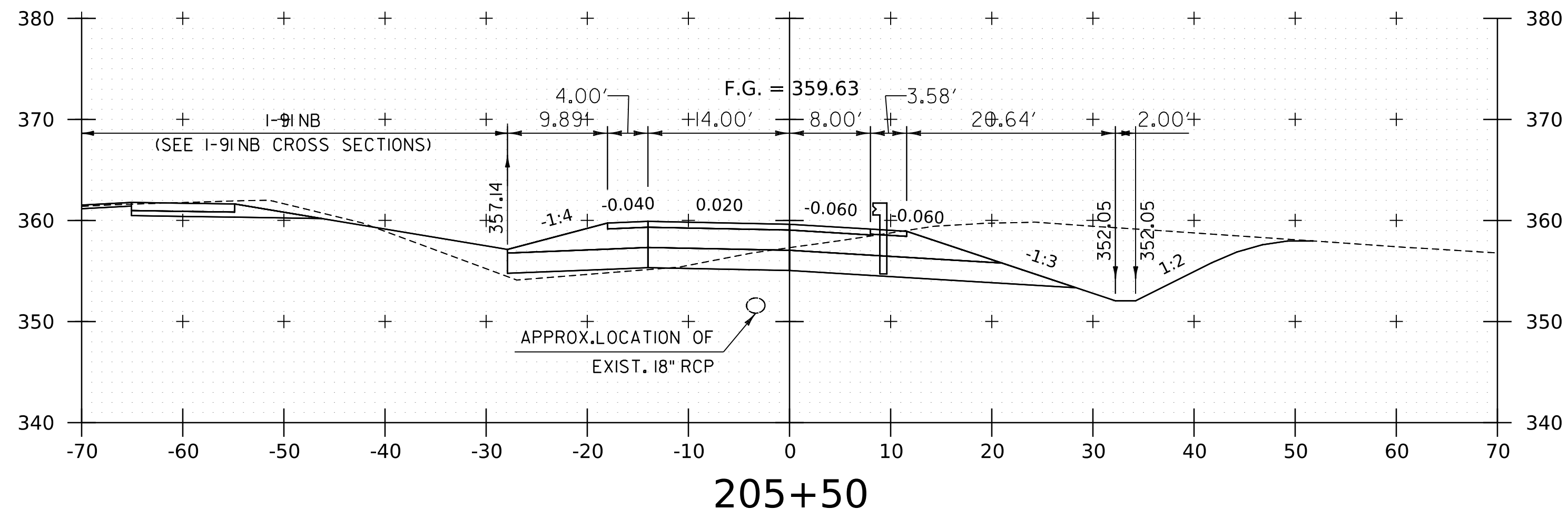
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_1-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 7	SHEET 249 OF 439



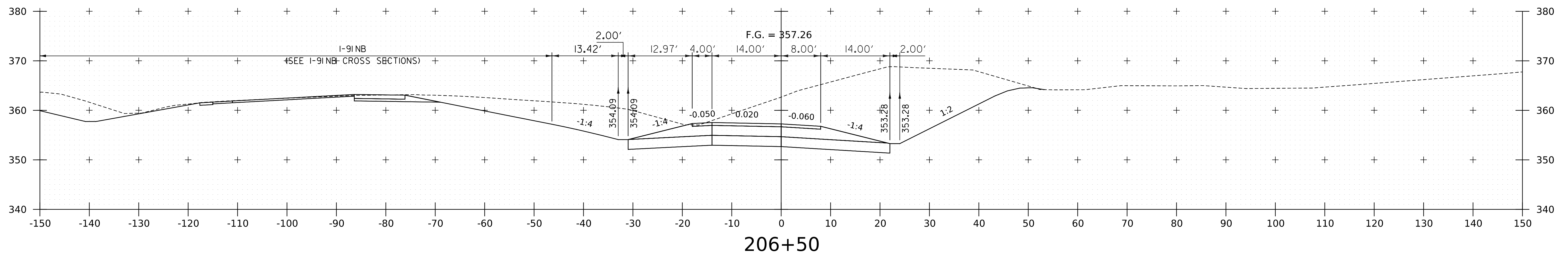
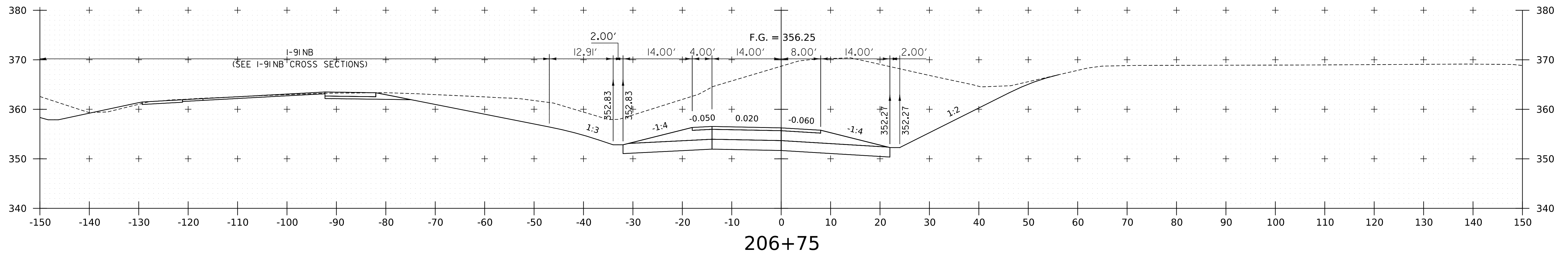
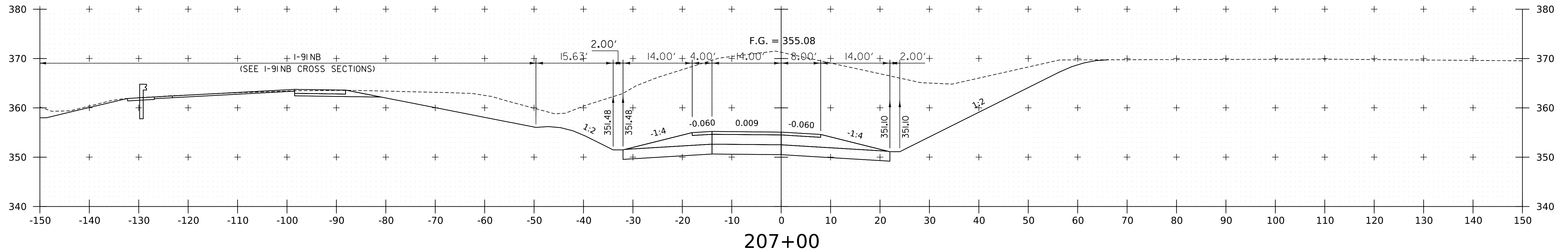
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_1-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 8	SHEET 250 OF 439



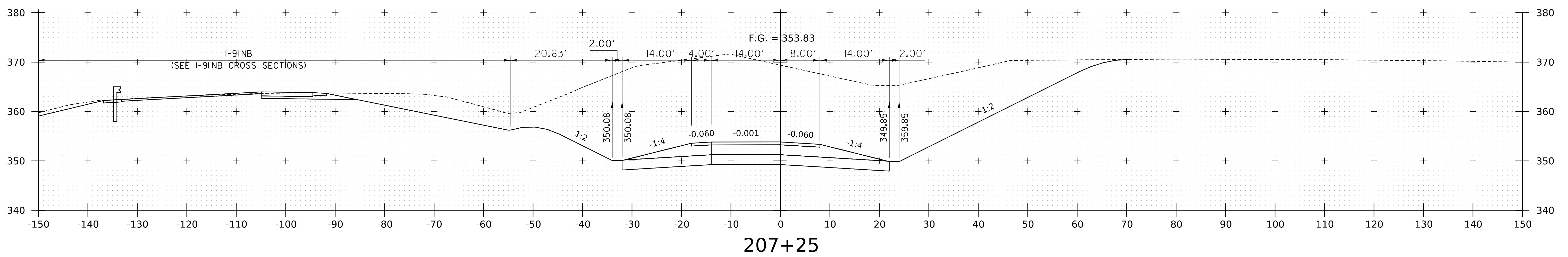
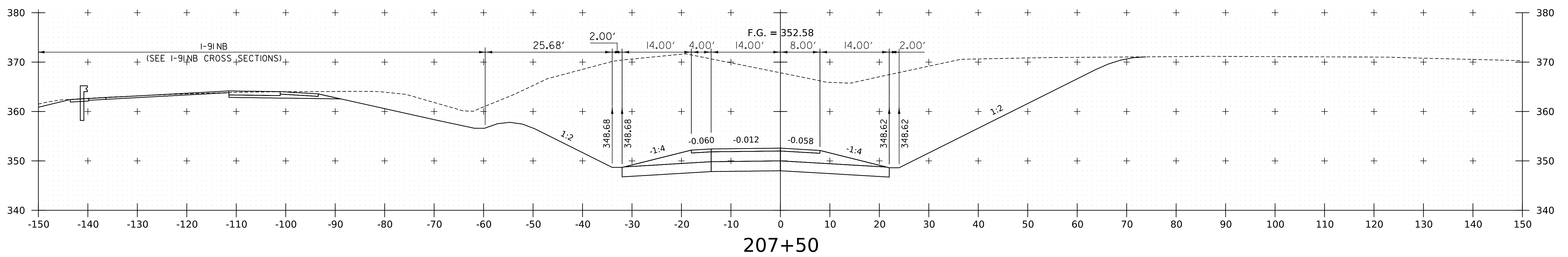
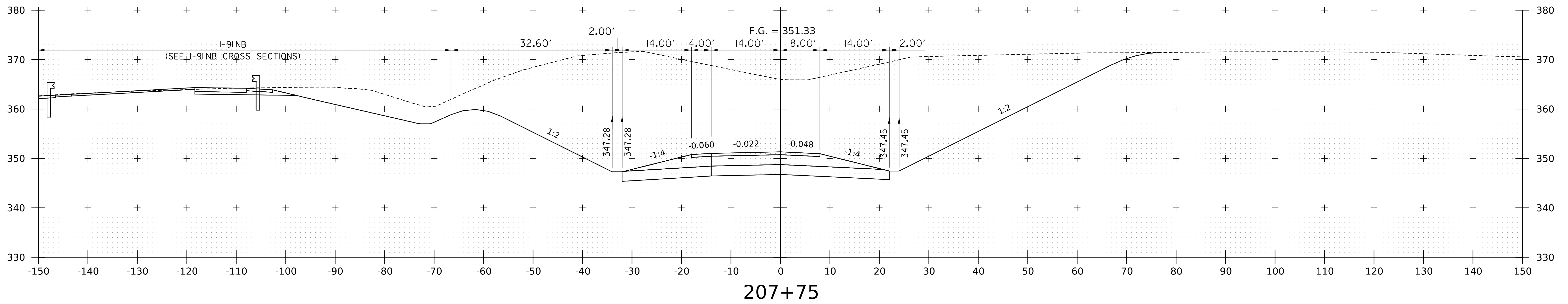
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91 NB OFF RAMP CROSS SECTIONS 9	SHEET 251 OF 439



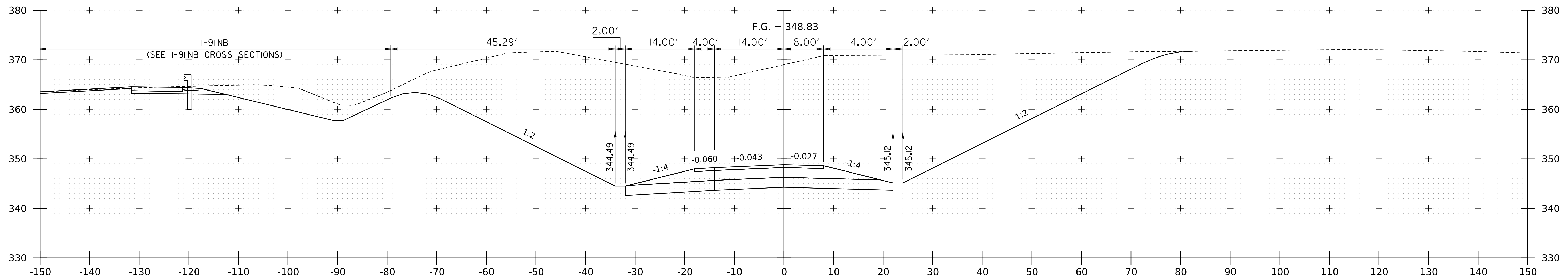
WORKING PLANS FOR REFERENCE ONLY



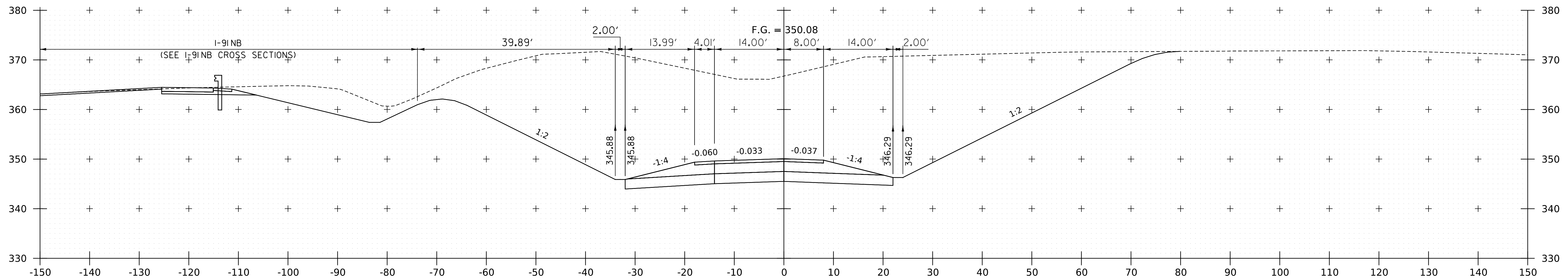
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PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 10	SHEET 252 OF 439



WORKING PLANS FOR REFERENCE ONLY



208+25

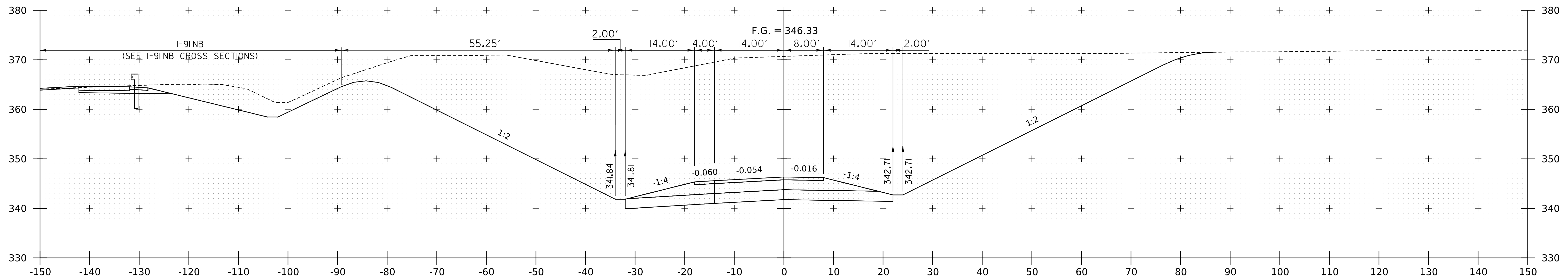


208+00

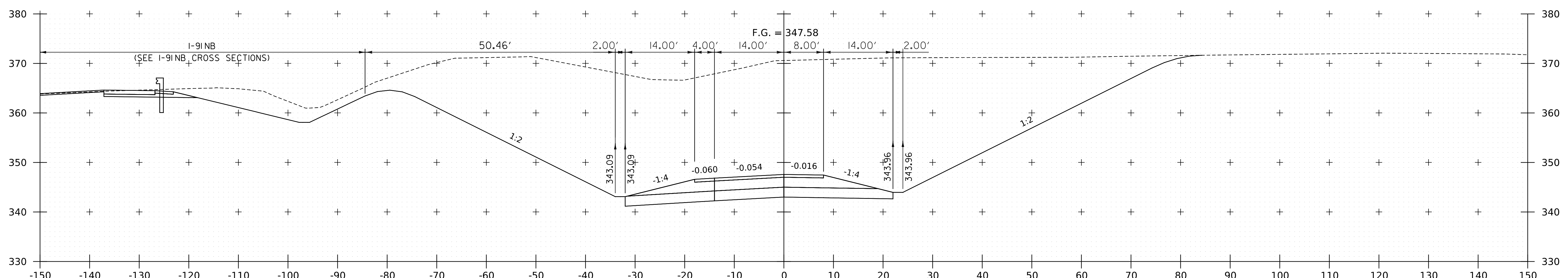
PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574xs-I-91-NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS II	
SHEET 253 OF 439	



WORKING PLANS FOR REFERENCE ONLY



208+75

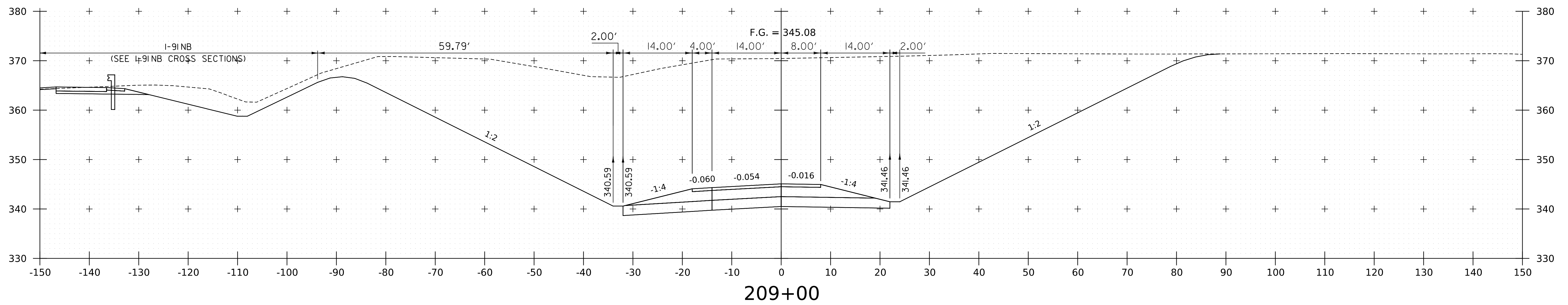
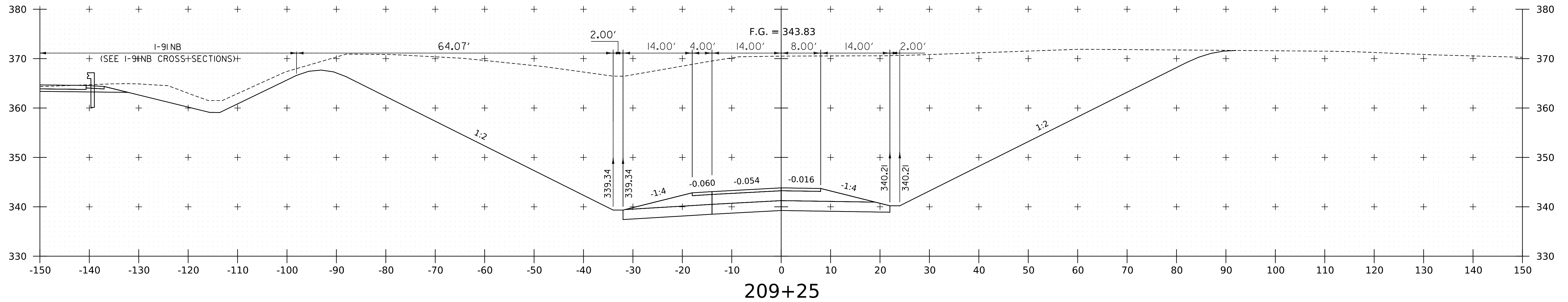


208+50

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91NB_Off.Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 12	SHEET 254 OF 439



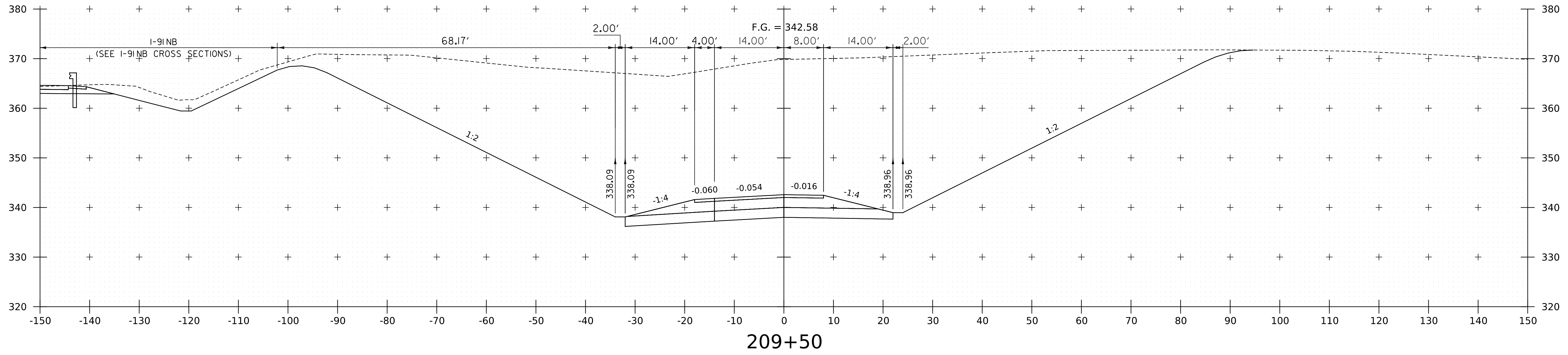
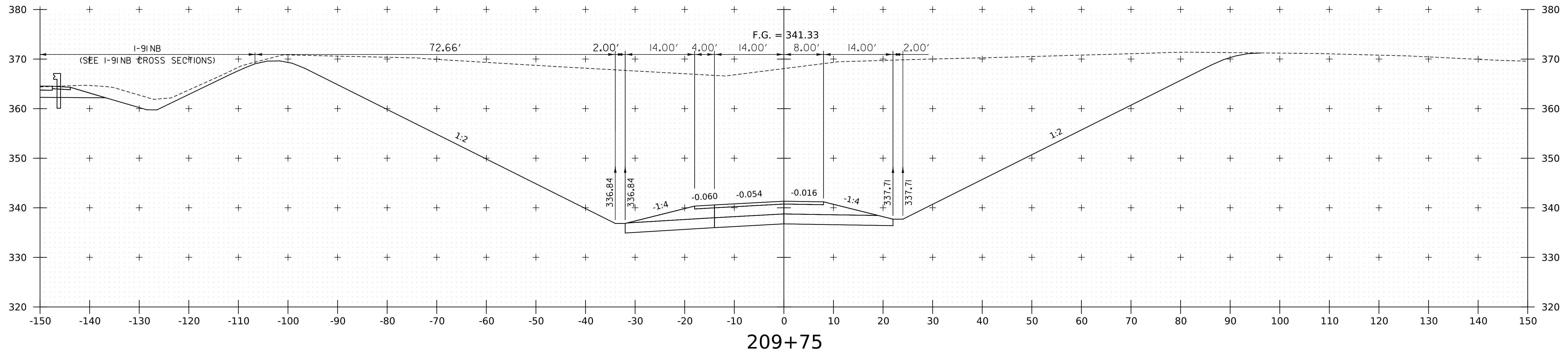
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91 NB OFF RAMP CROSS SECTIONS I3	SHEET 255 OF 439



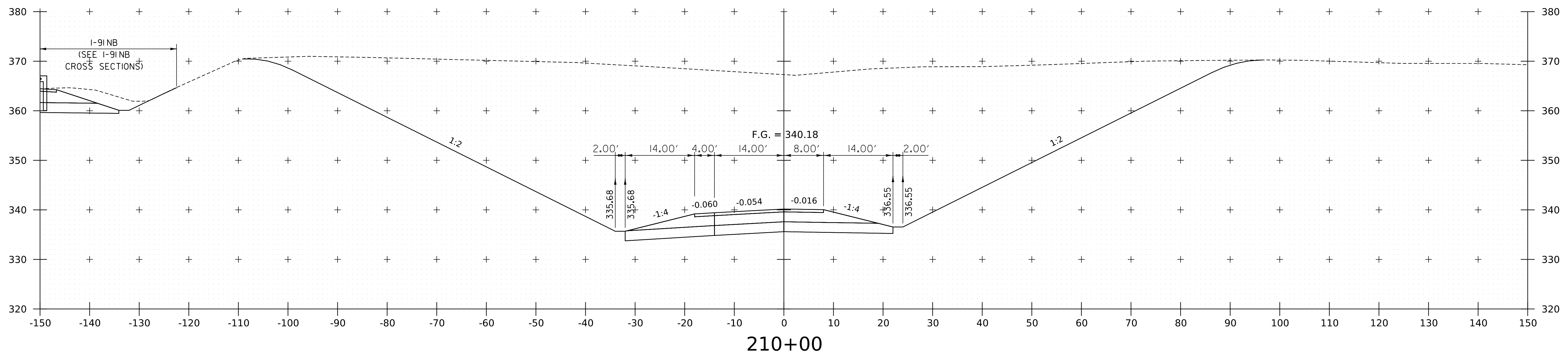
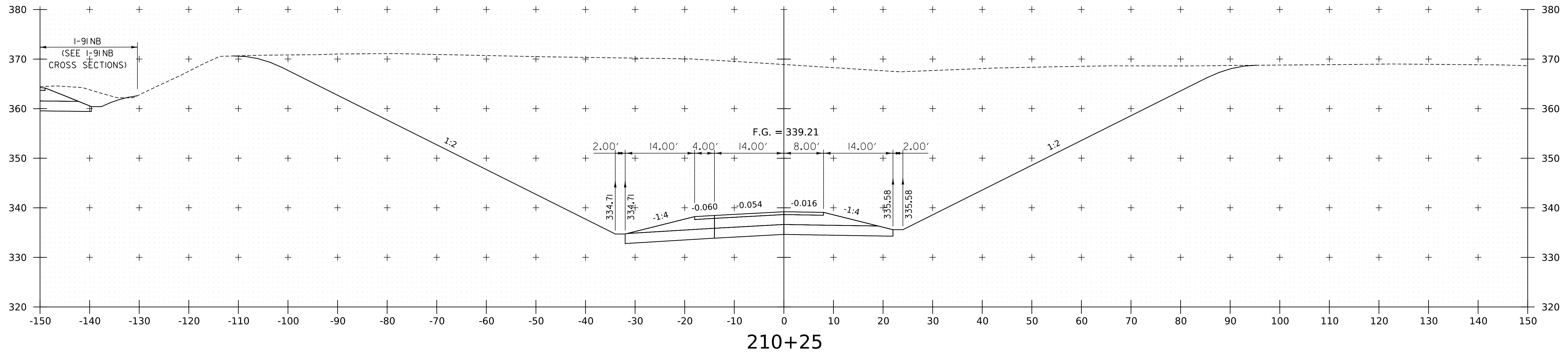
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574xs_1-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS I4	
SHEET 256 OF 439	



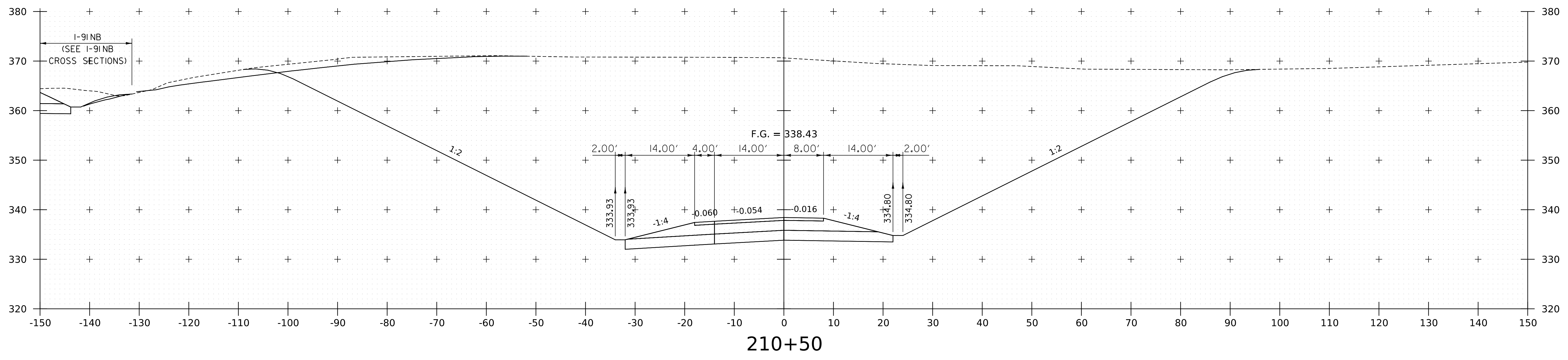
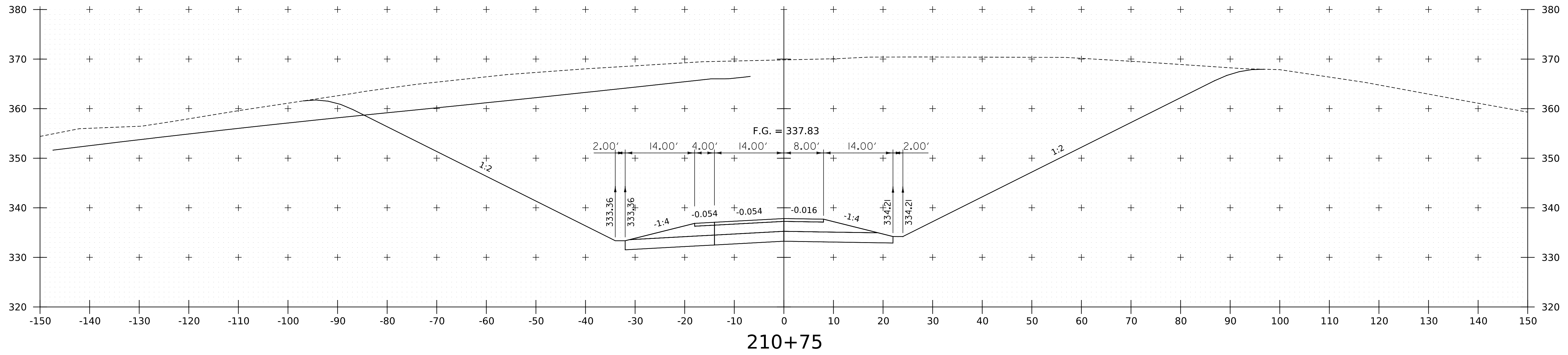
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs-I-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 15	SHEET 257 OF 439

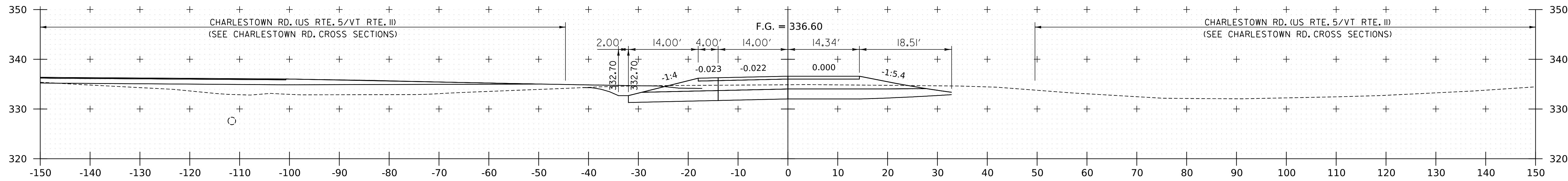


WORKING PLANS FOR REFERENCE ONLY

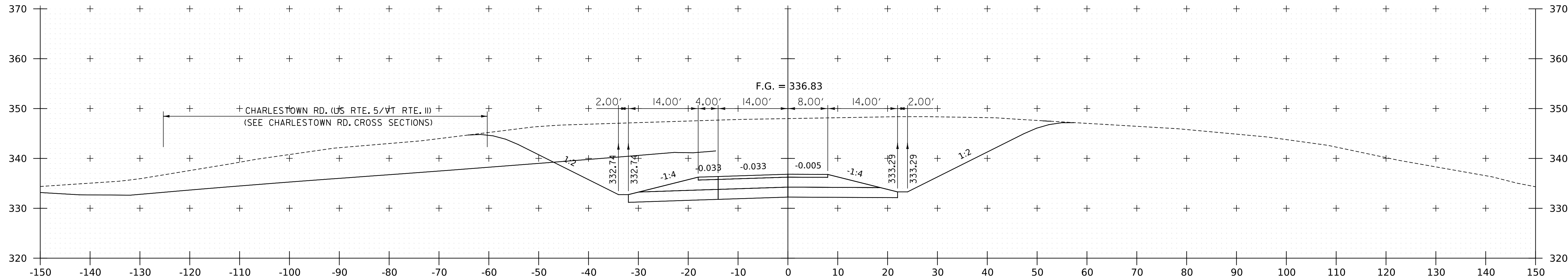


PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS 16	SHEET 258 OF 439

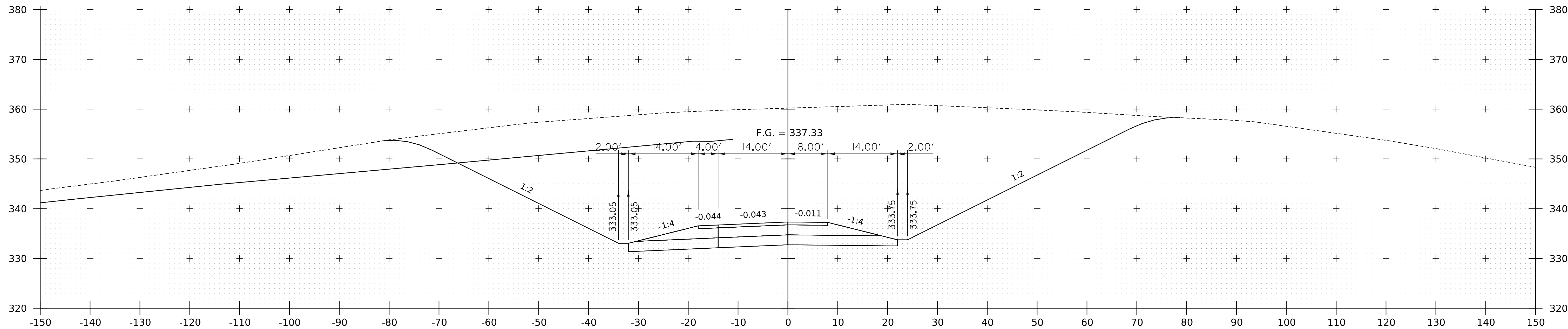




211+50



211+25



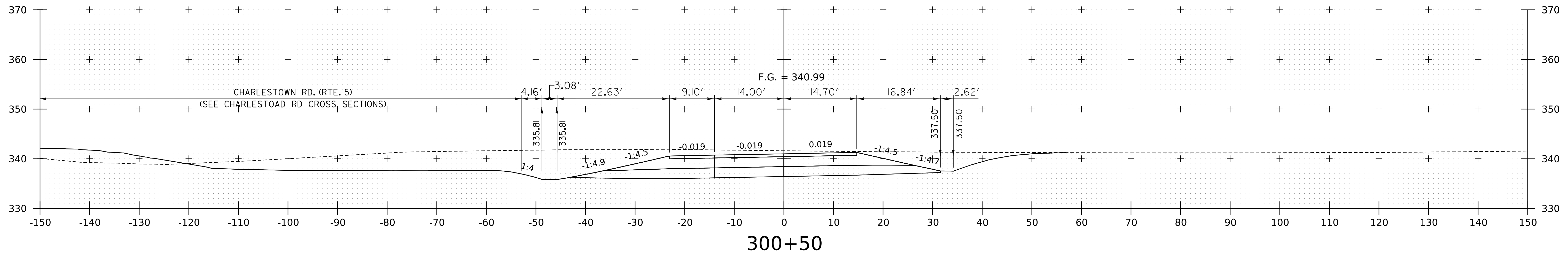
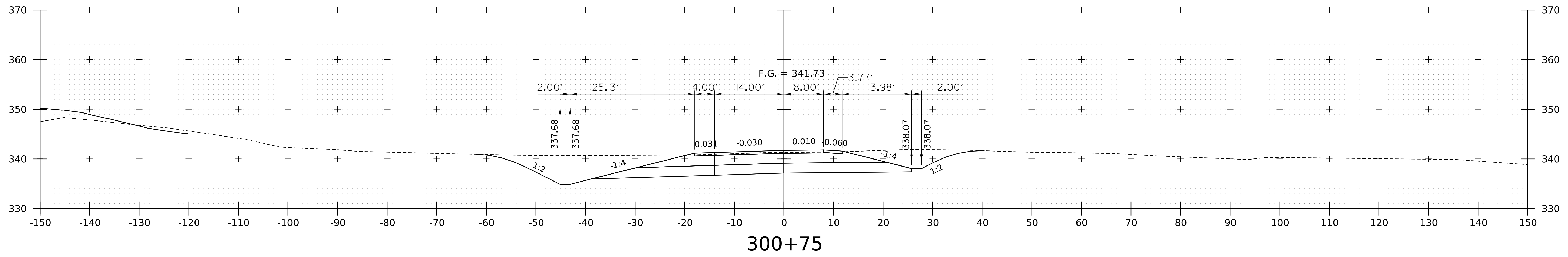
211+00

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 09I-1(83)
FILE NAME:	z12a574xs_1-9I_NB_Off_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB OFF RAMP CROSS SECTIONS I7	SHEET 259 OF 439



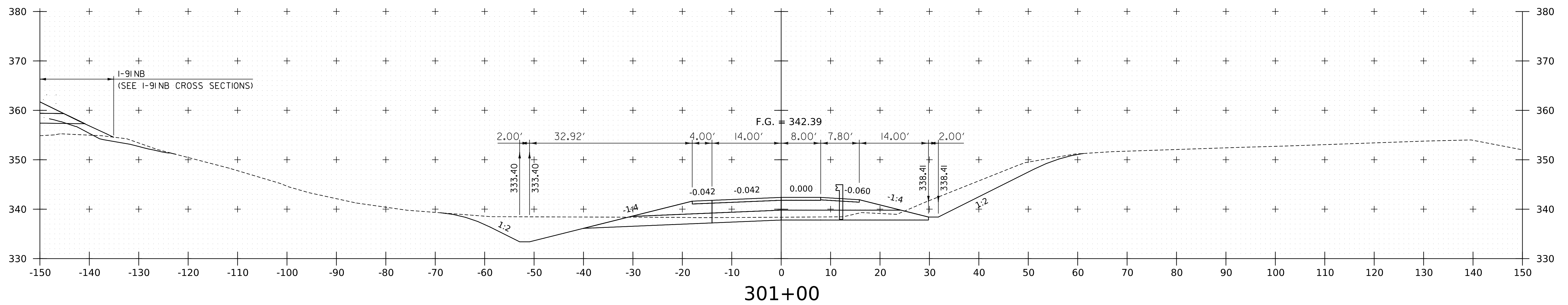
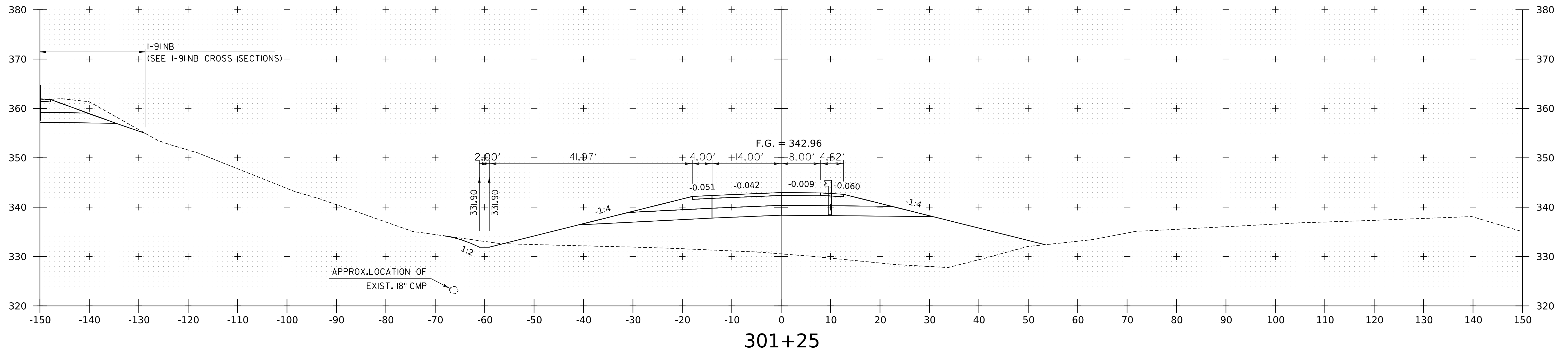
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.1.91.NB.On.Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS I	SHEET 260 OF 439

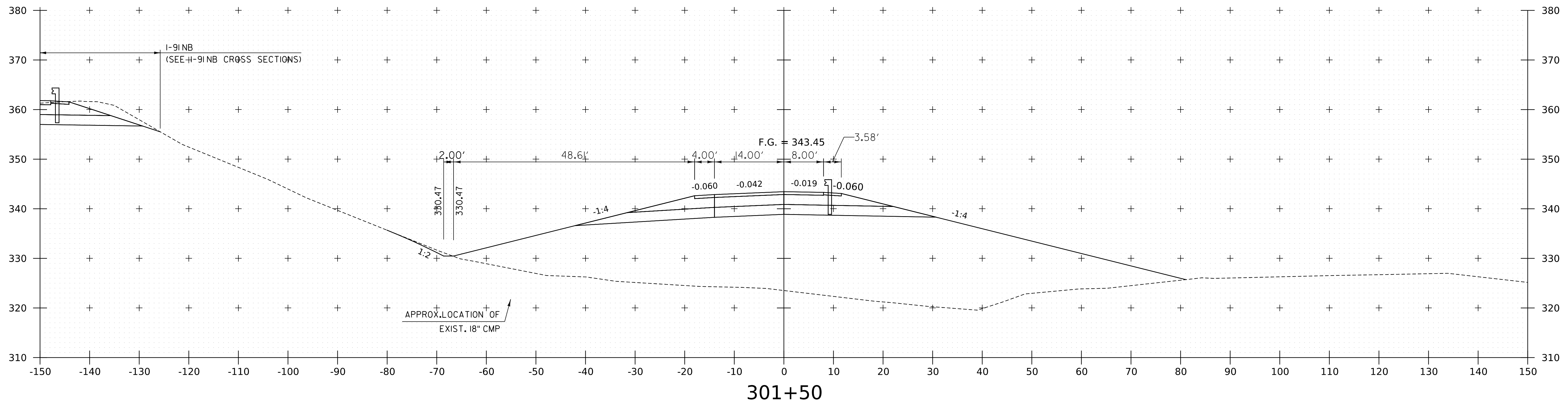
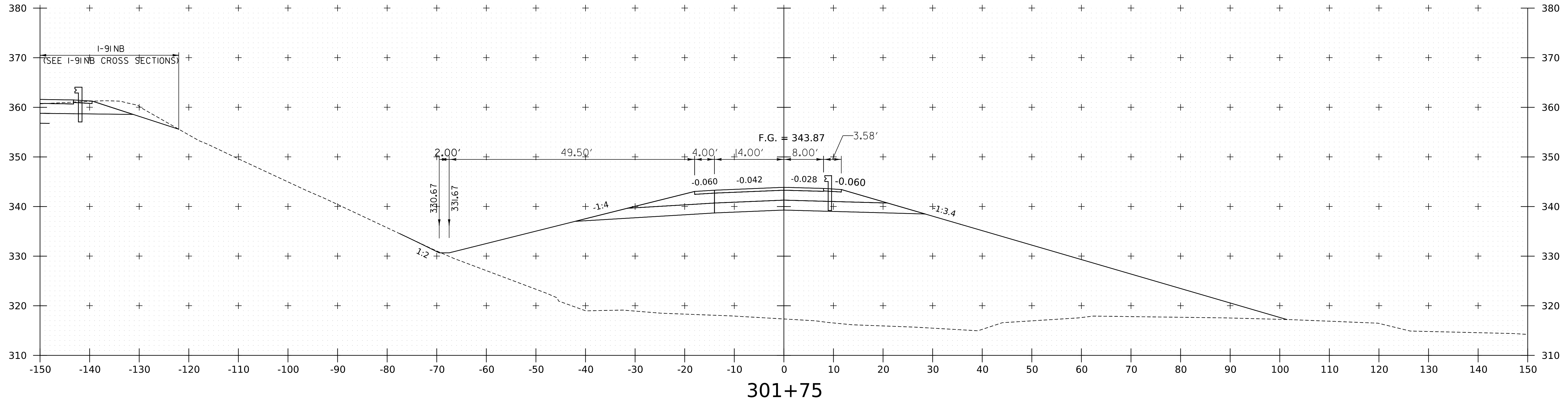


WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_NB_On_Ramp.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
I-91 NB ON RAMP CROSS SECTIONS 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	261 OF 439

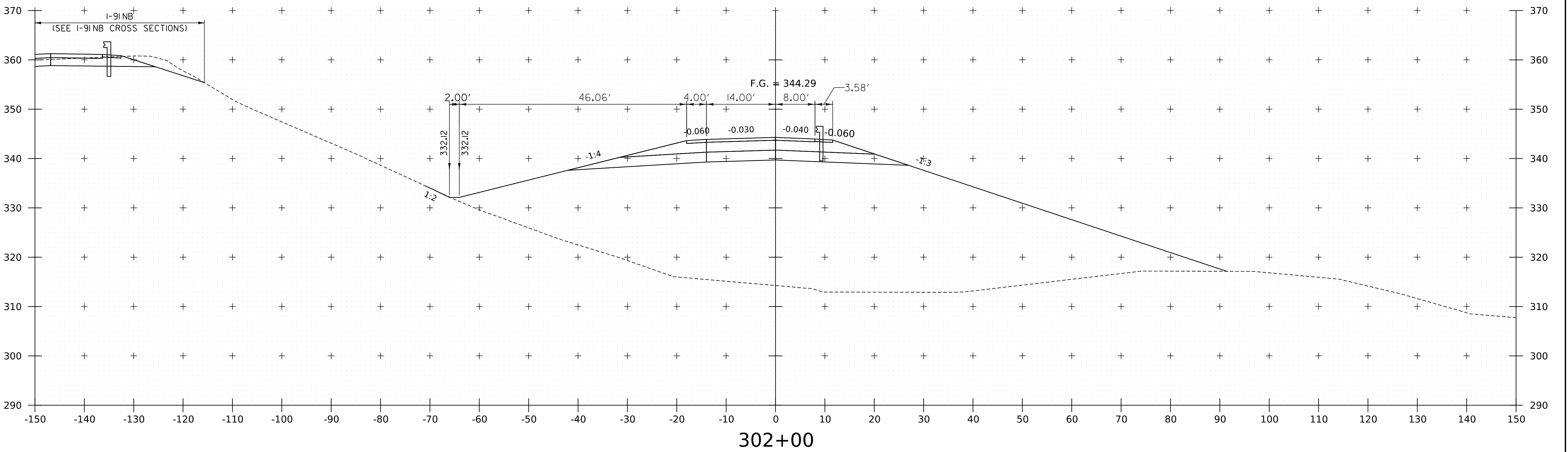
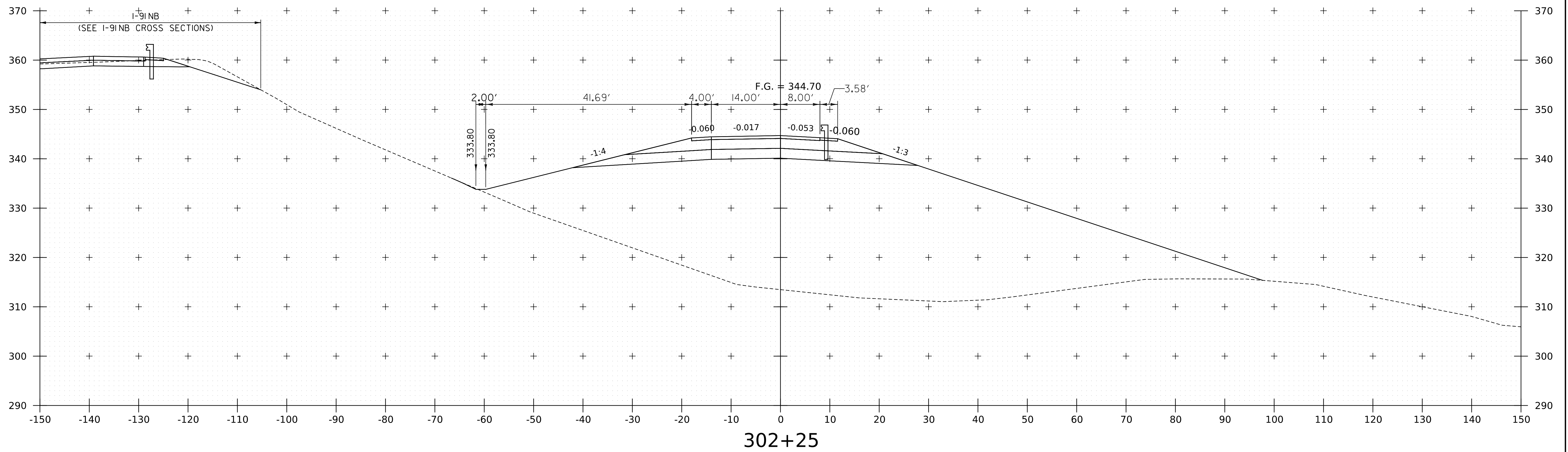




WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.I-91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 3	SHEET 262 OF 439

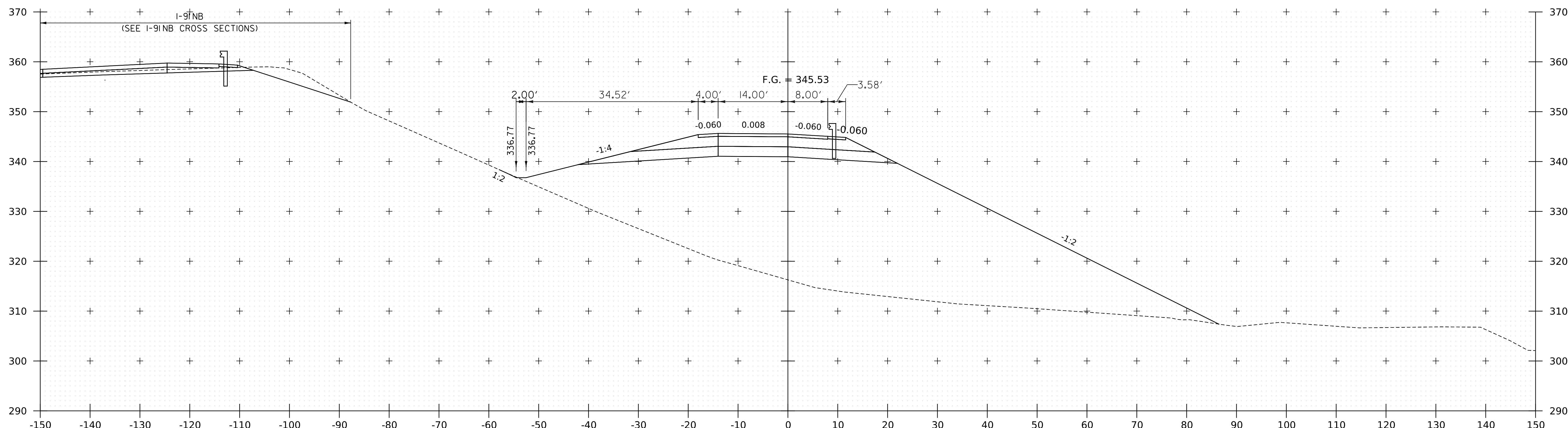




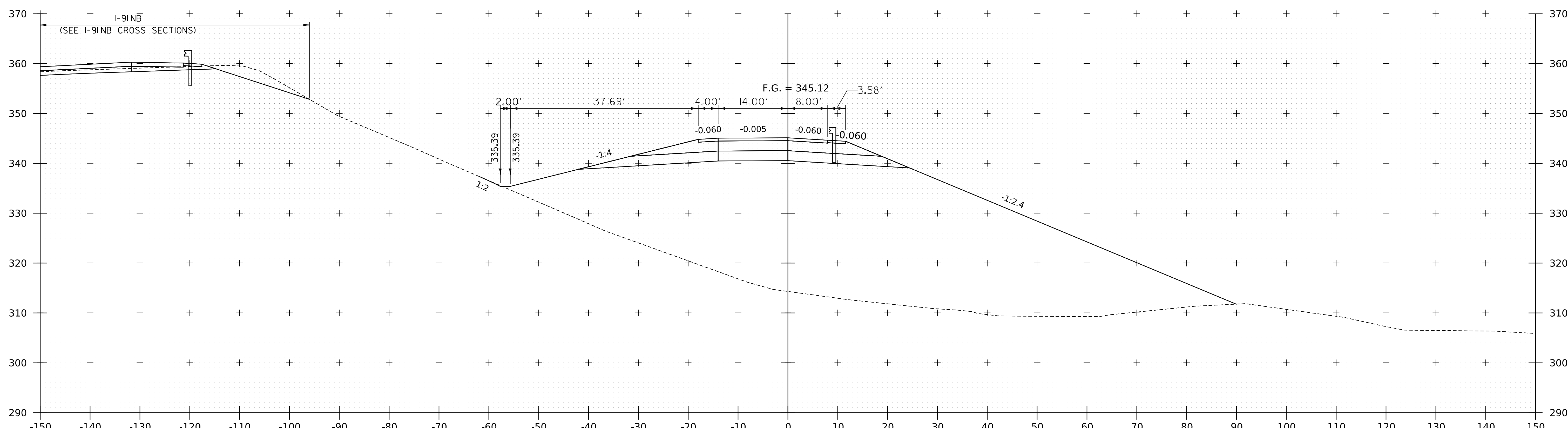
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.I-91_NB_On_Ramp.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	263 OF 439
DESIGNED BY:	C. HELMICK		
I-91 NB ON RAMP CROSS SECTIONS 4			





302+75

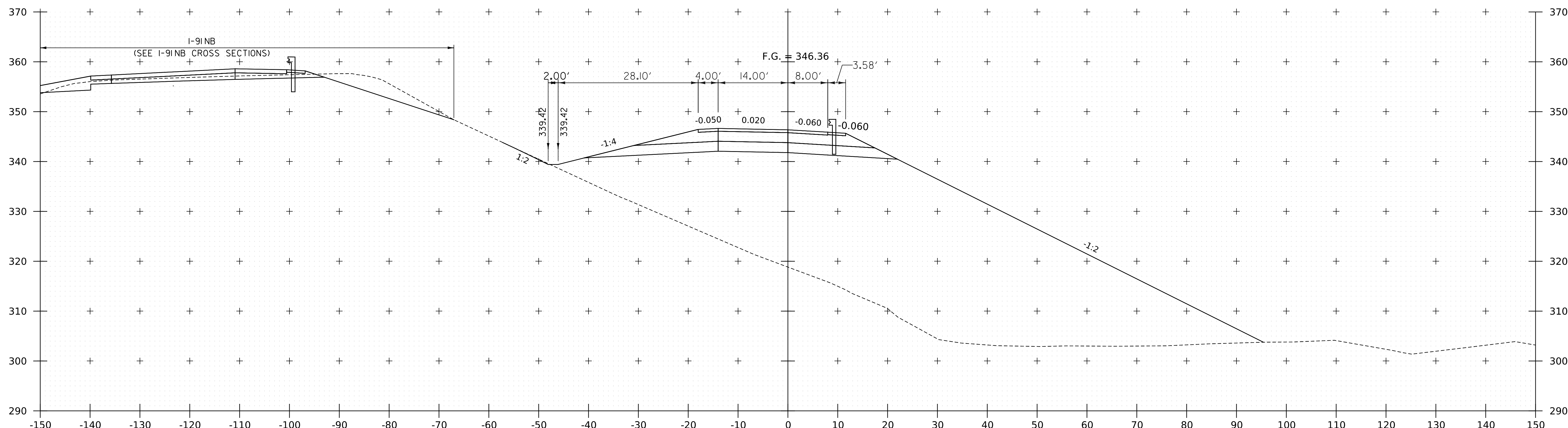


302+50

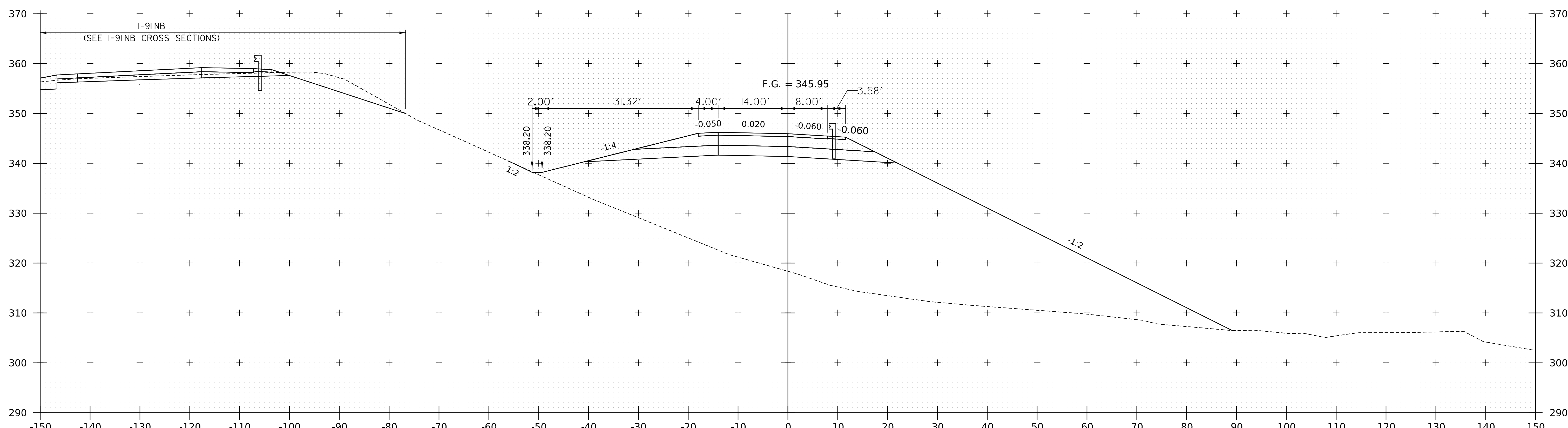
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.1.9I_NB_On_Ramp.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	264 OF 439
DESIGNED BY:	C. HELMICK		
I-91NB ON RAMP CROSS SECTIONS 5			





303+25

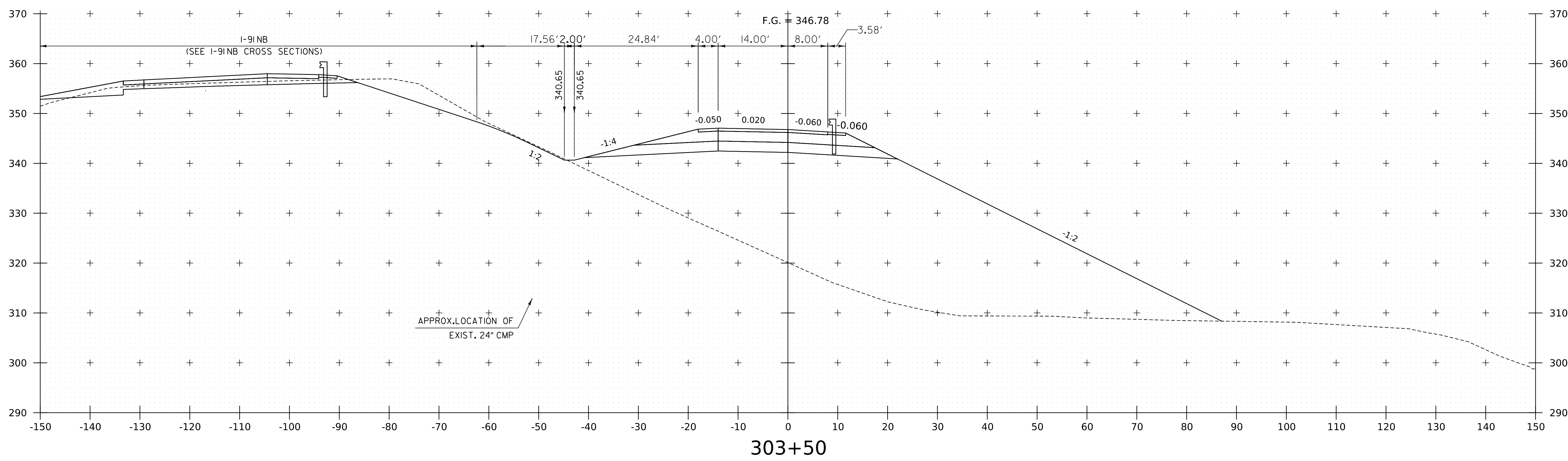
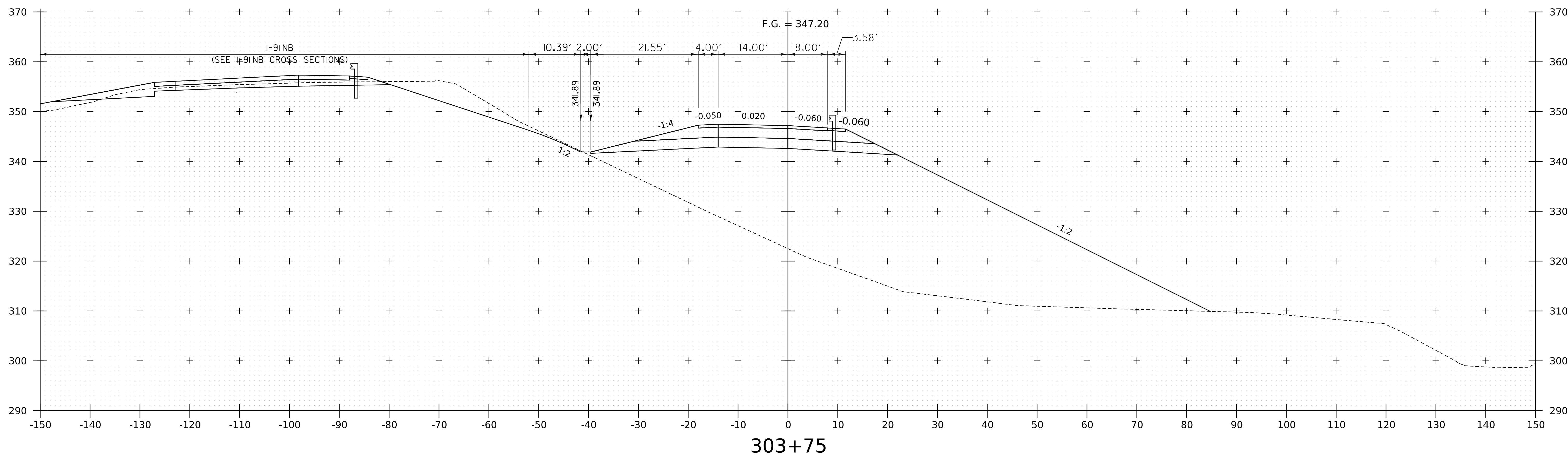


303+00

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.I-91-NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 6	SHEET 265 OF 439

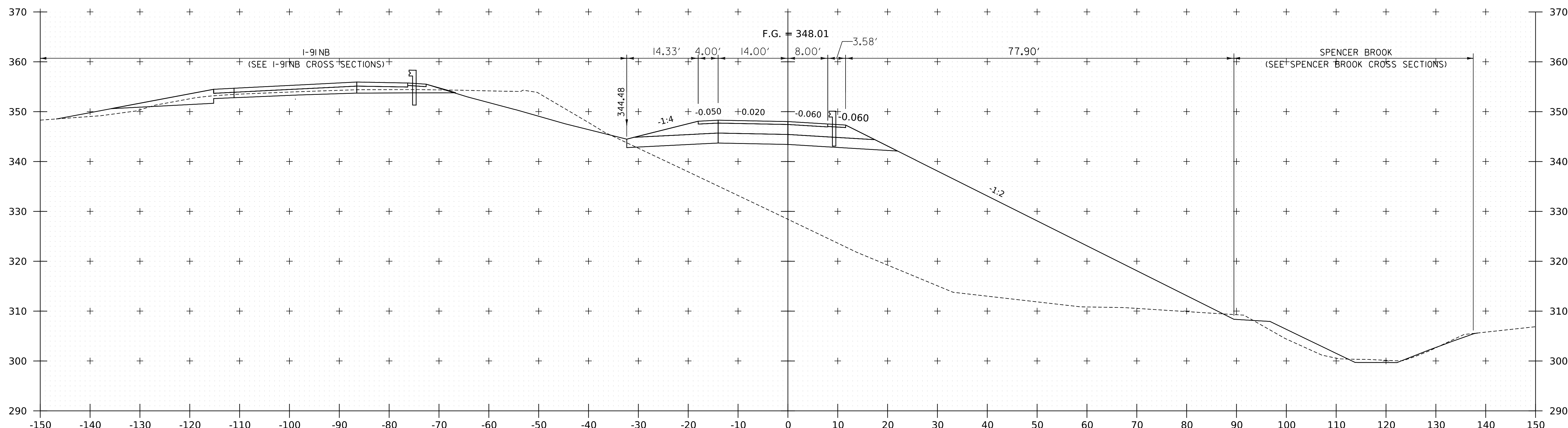




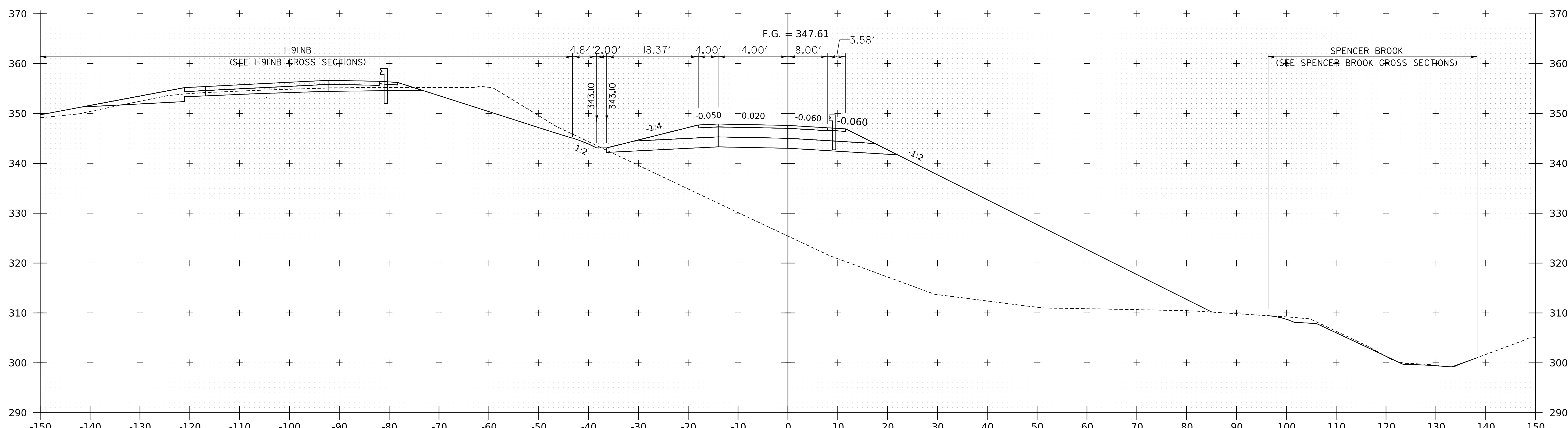
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.I-91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 7	SHEET 266 OF 439





304+25

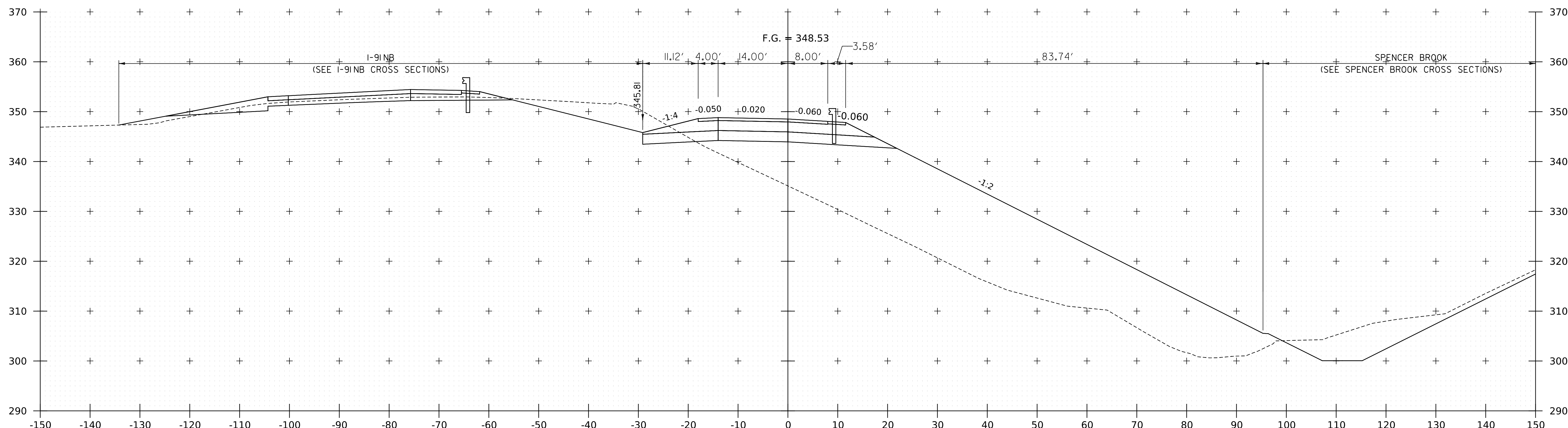


304+00

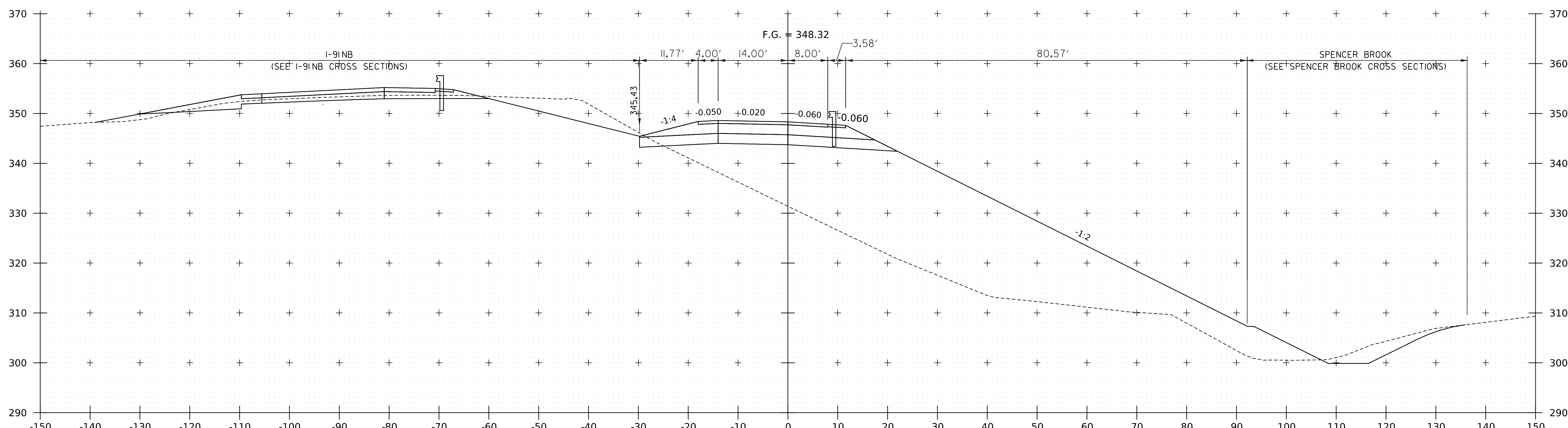
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.1.91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 8	SHEET 267 OF 439





304+75

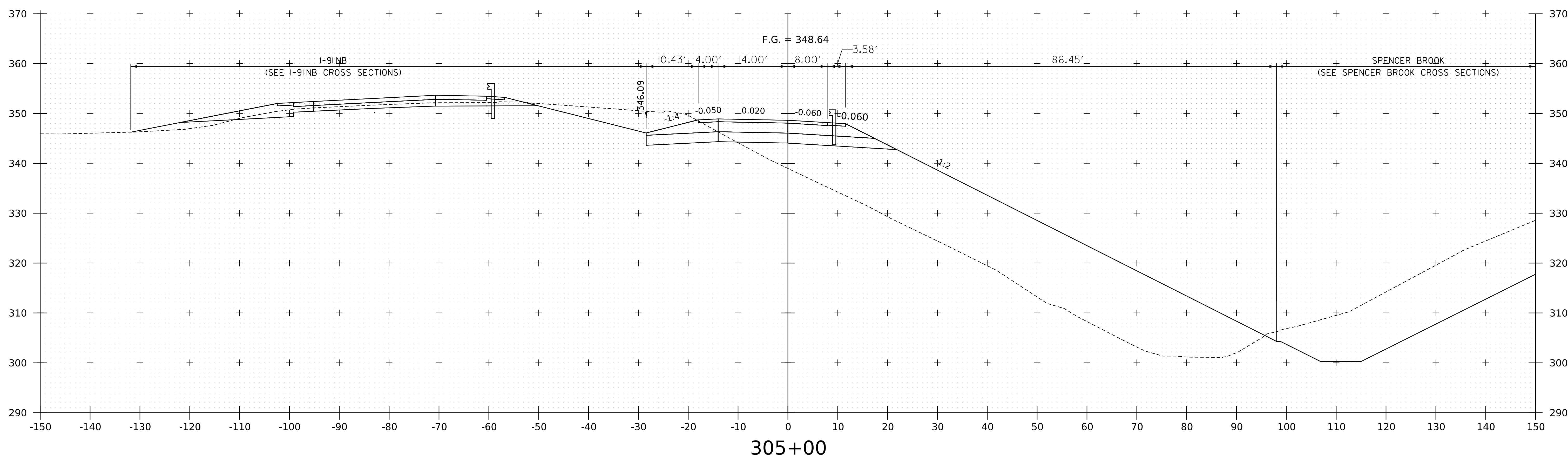
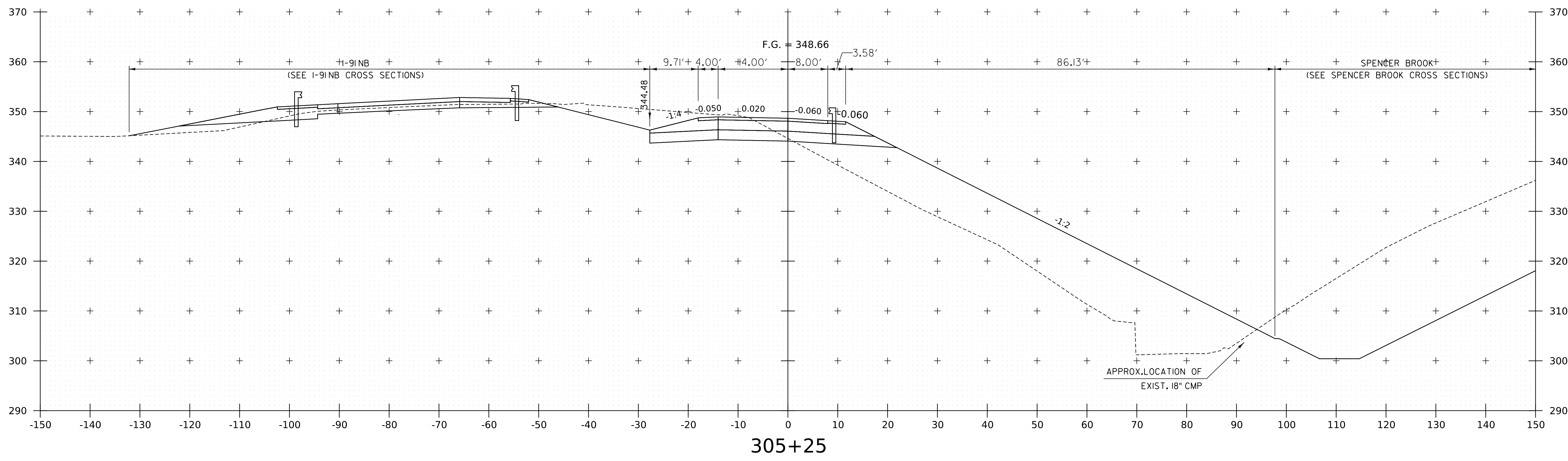


304+50

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.I-91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 9	SHEET 268 OF 439

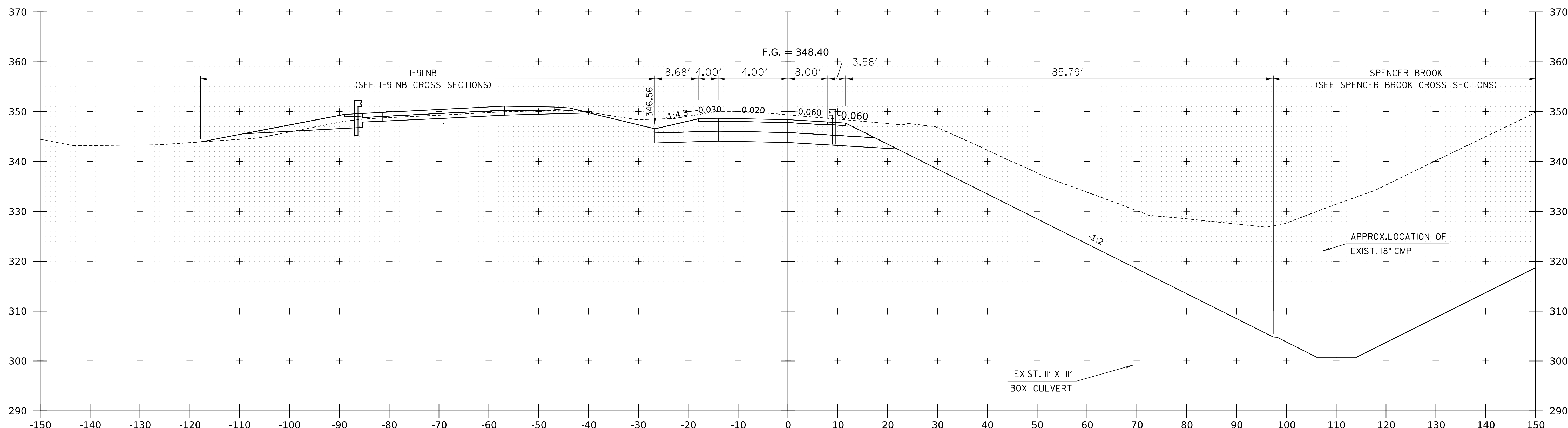




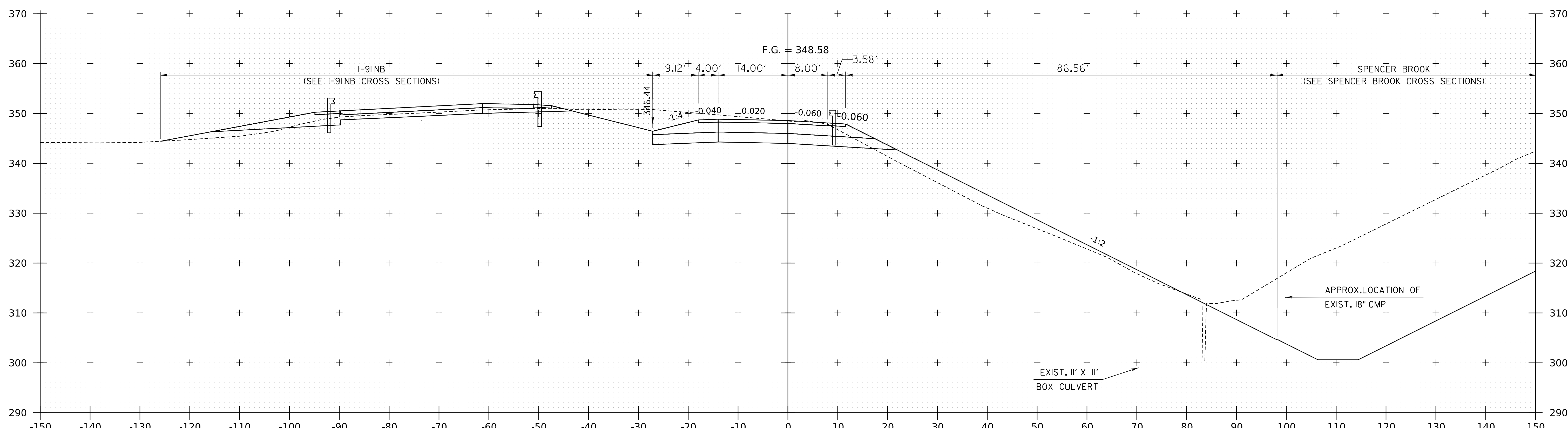
WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.1-91-NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91 NB ON RAMP CROSS SECTIONS 10	SHEET 269 OF 439





305+75



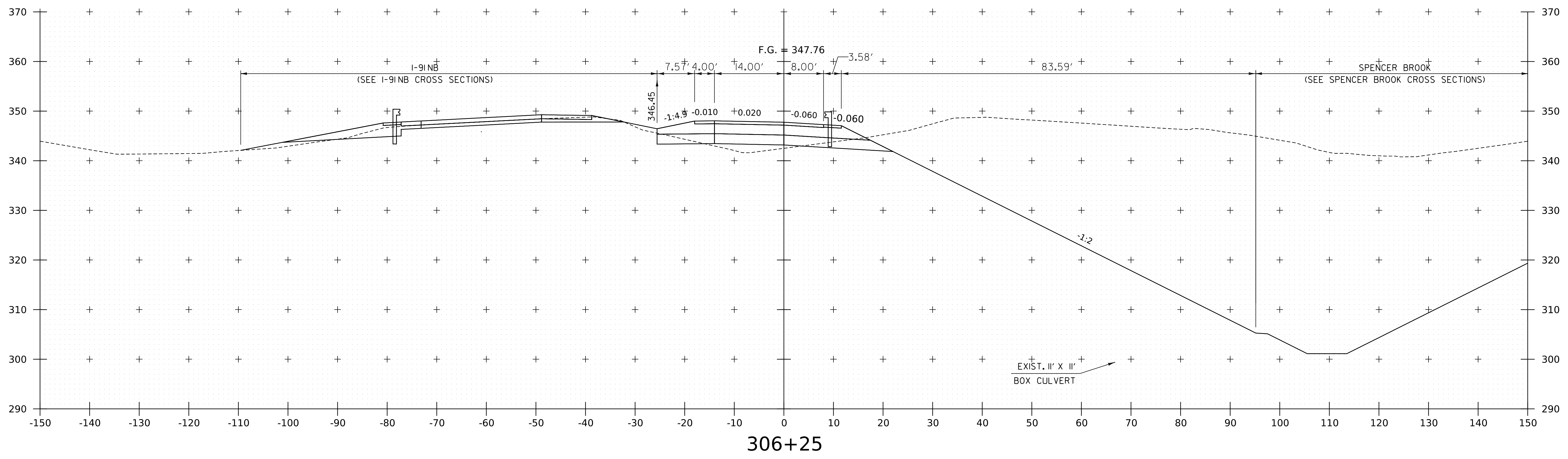
305+50

WORKING PLANS FOR REFERENCE ONLY

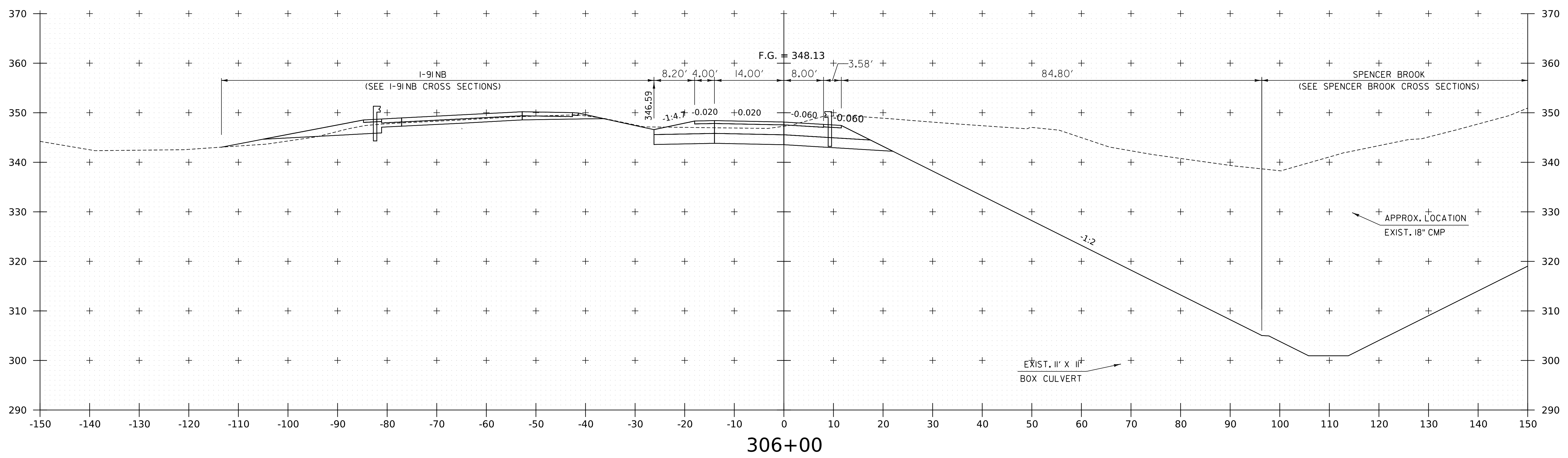
PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.1.91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS II SHEET 270 OF 439	



WORKING PLANS FOR REFERENCE ONLY



306+25

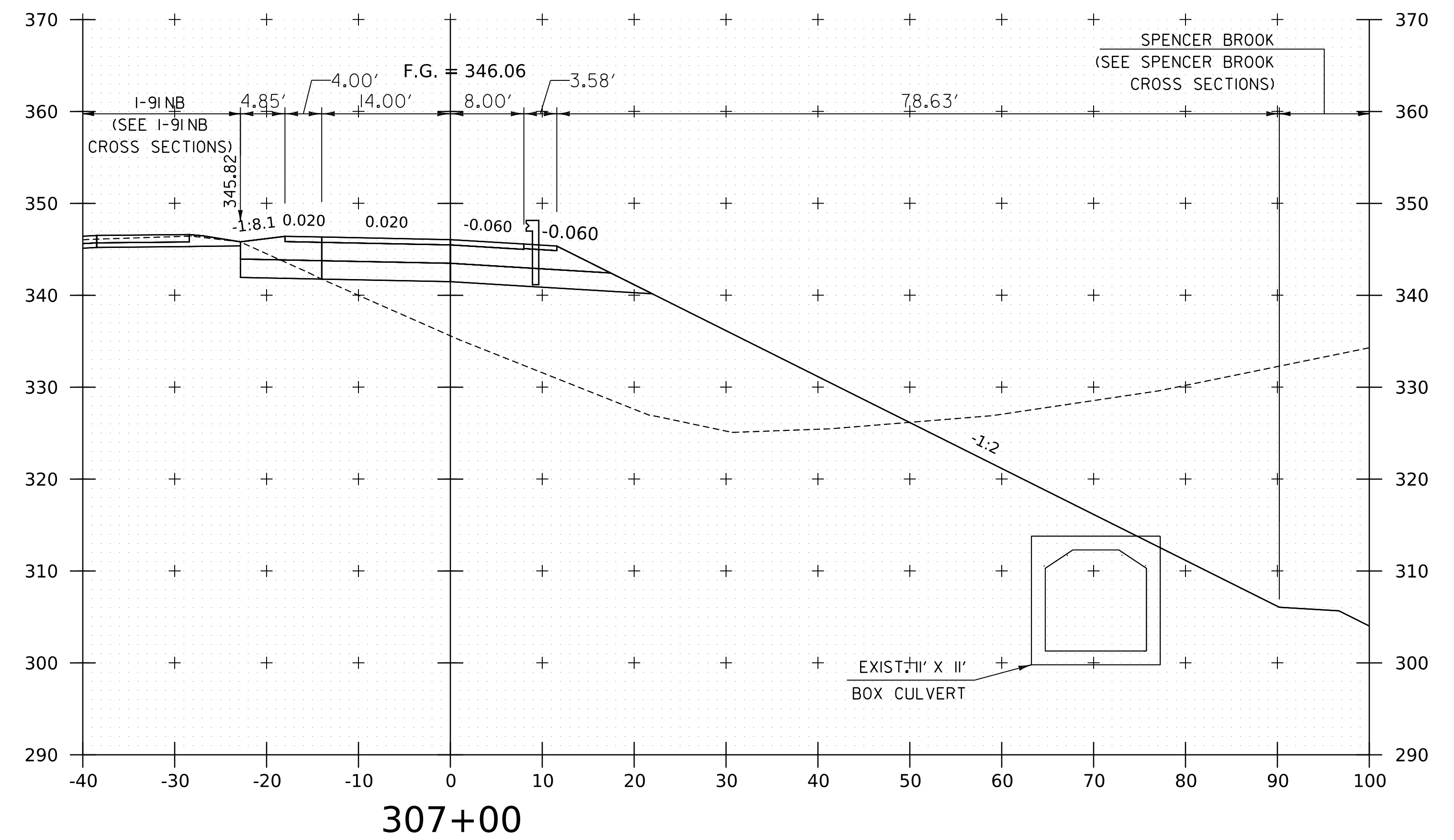
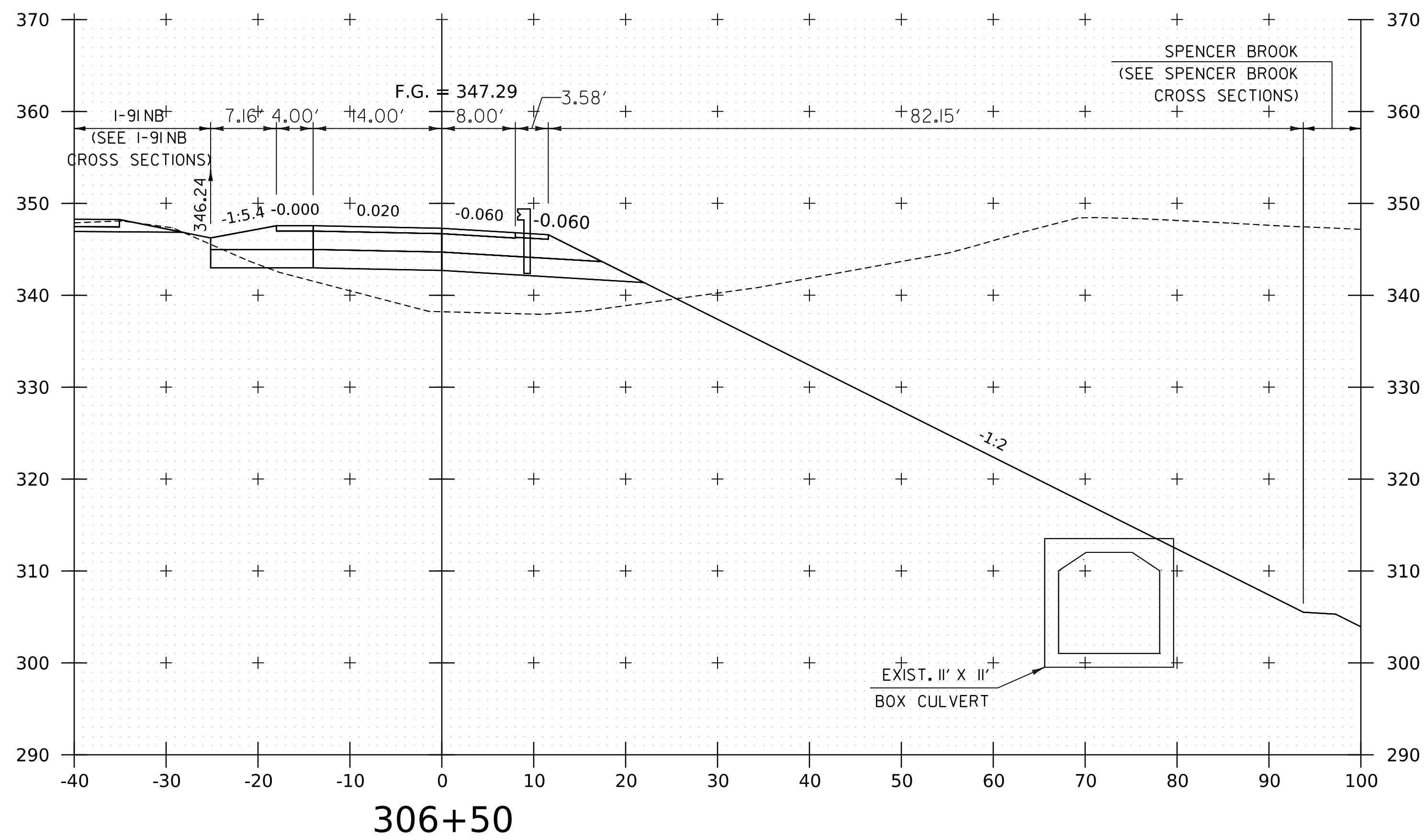
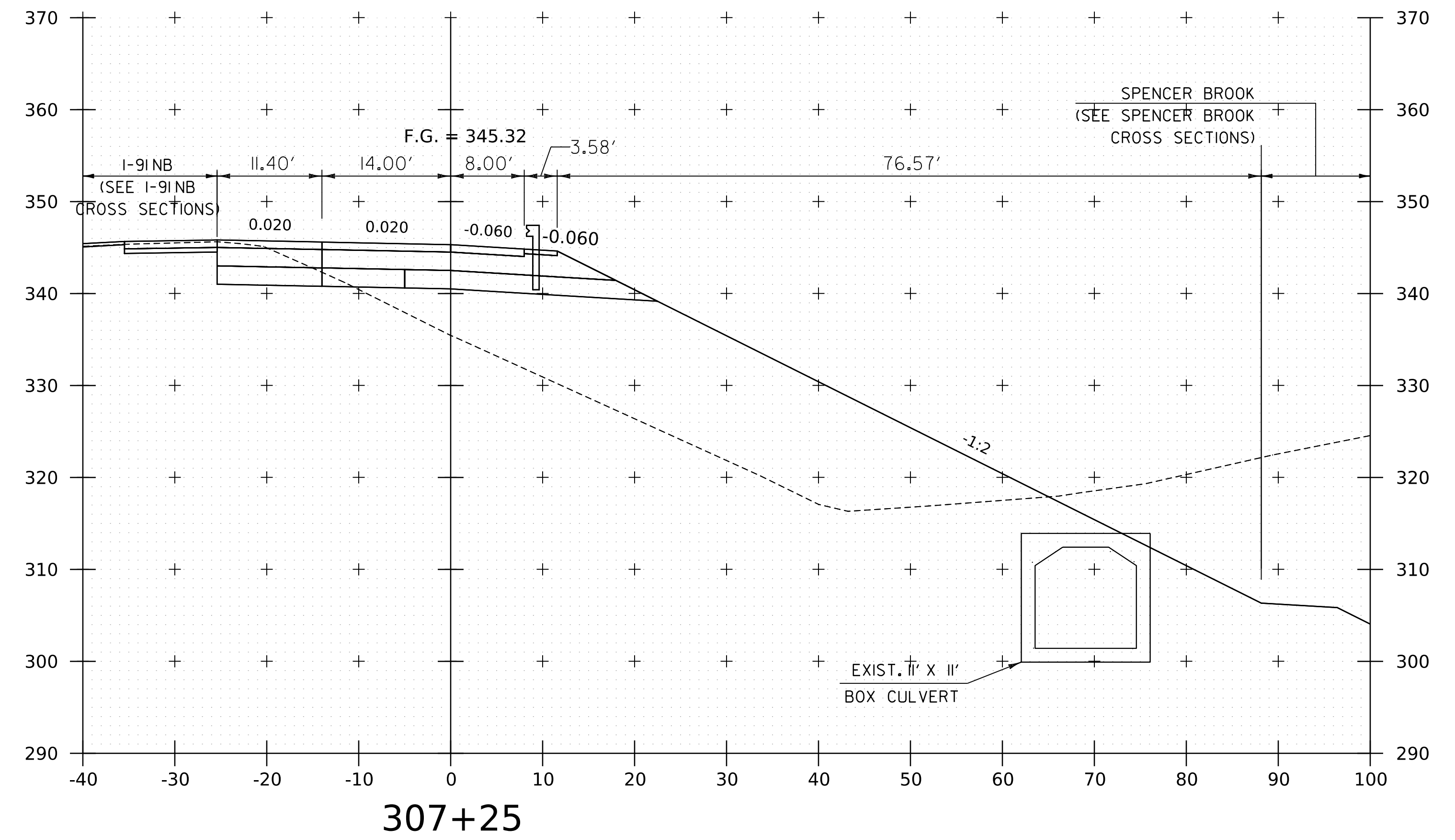
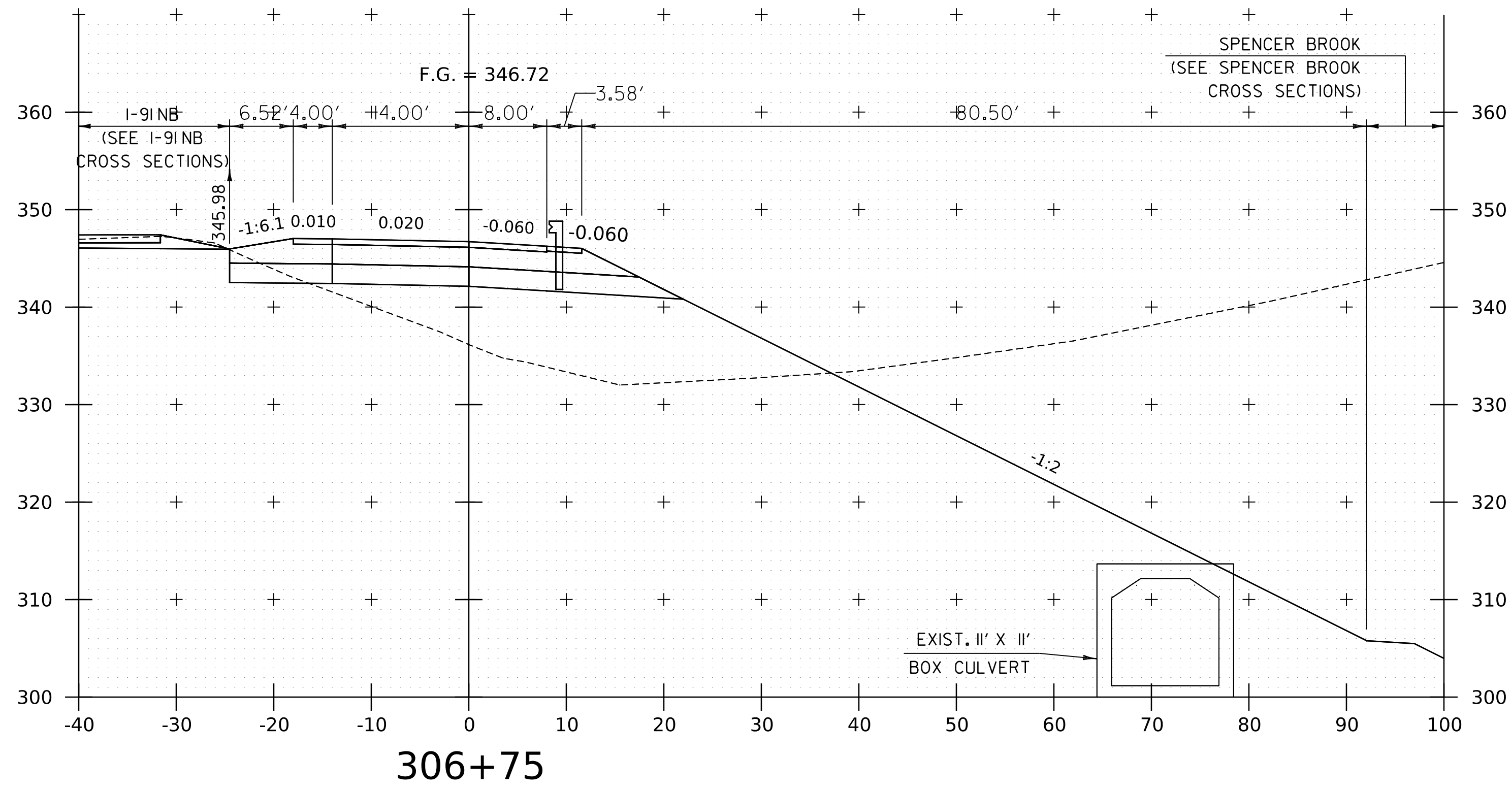


306+00

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.1.91_NB_On_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91 NB ON RAMP CROSS SECTIONS 12	
SHEET 271 OF 439	

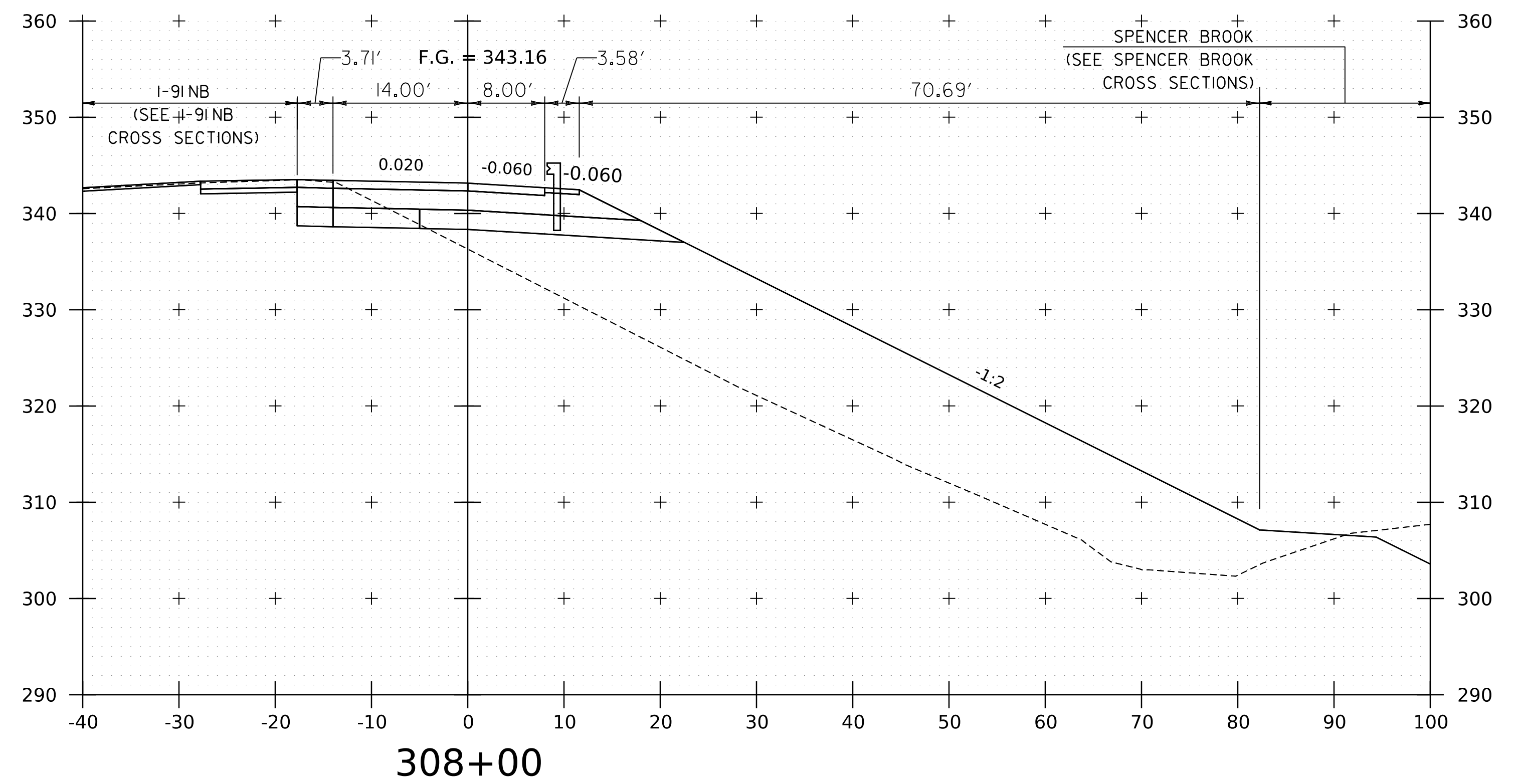
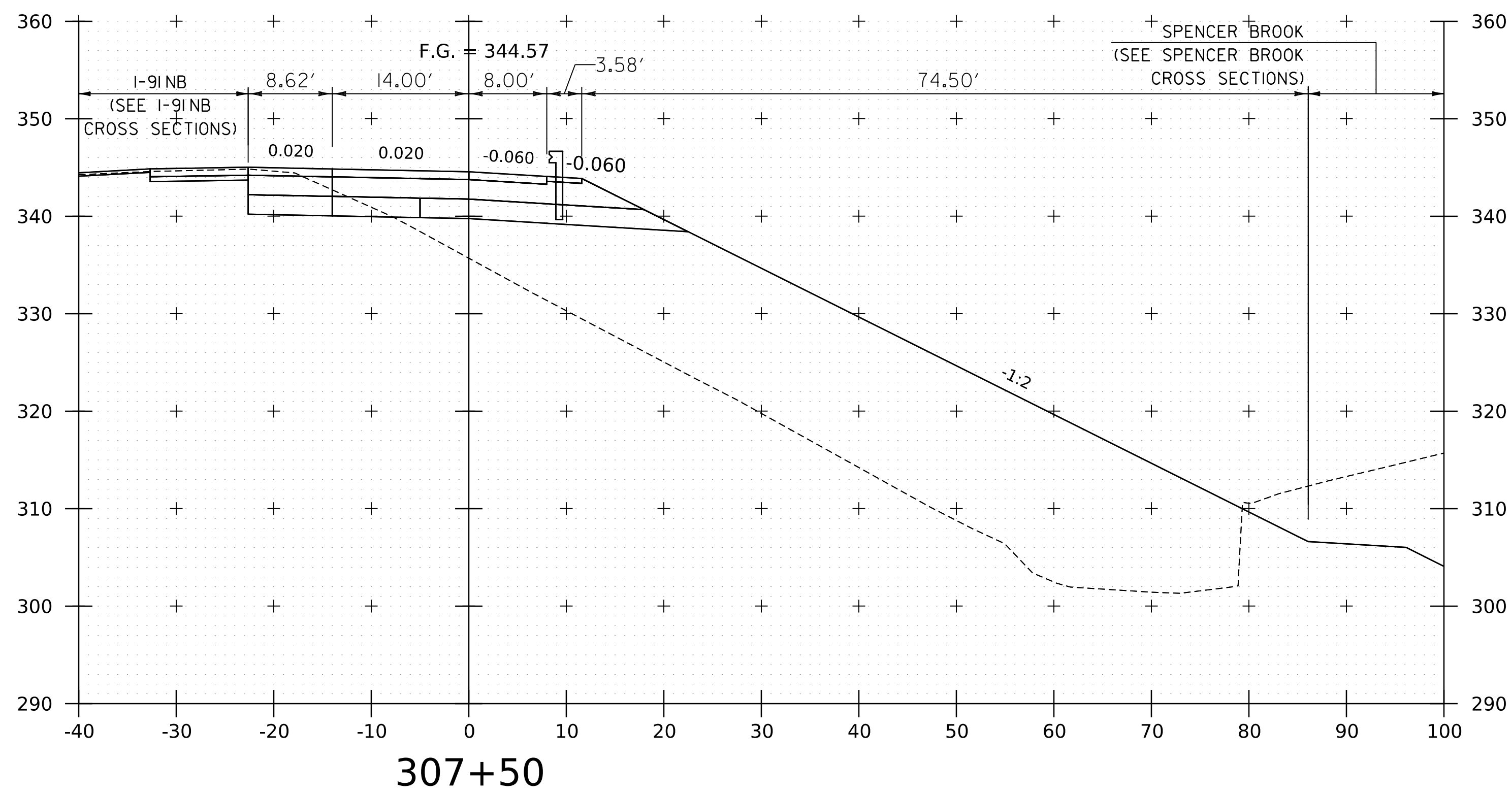
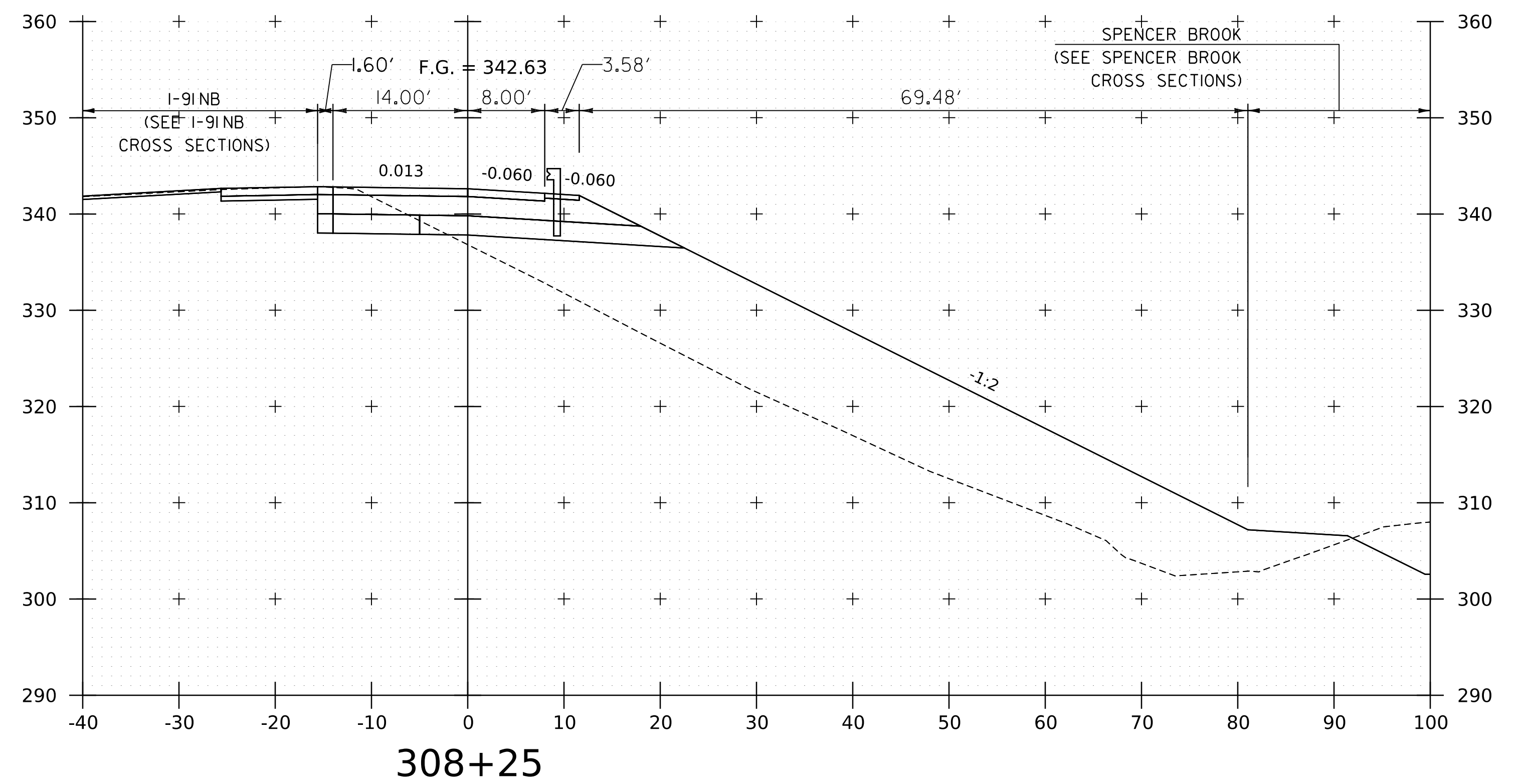
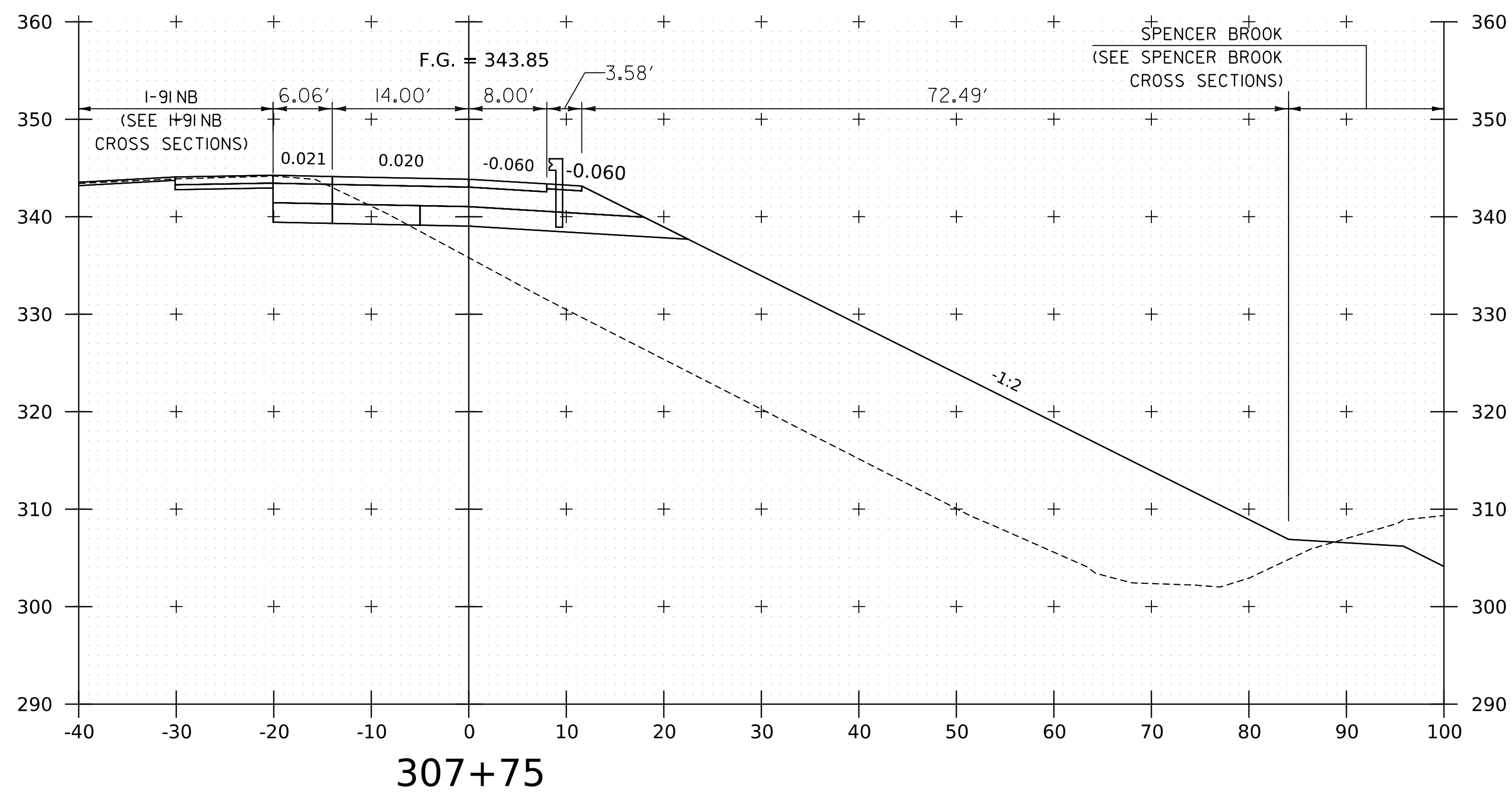


WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.l.91.NB.On.Ramp.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
			I-91NB ON RAMP CROSS SECTIONS 13	SHEET	272 OF 439



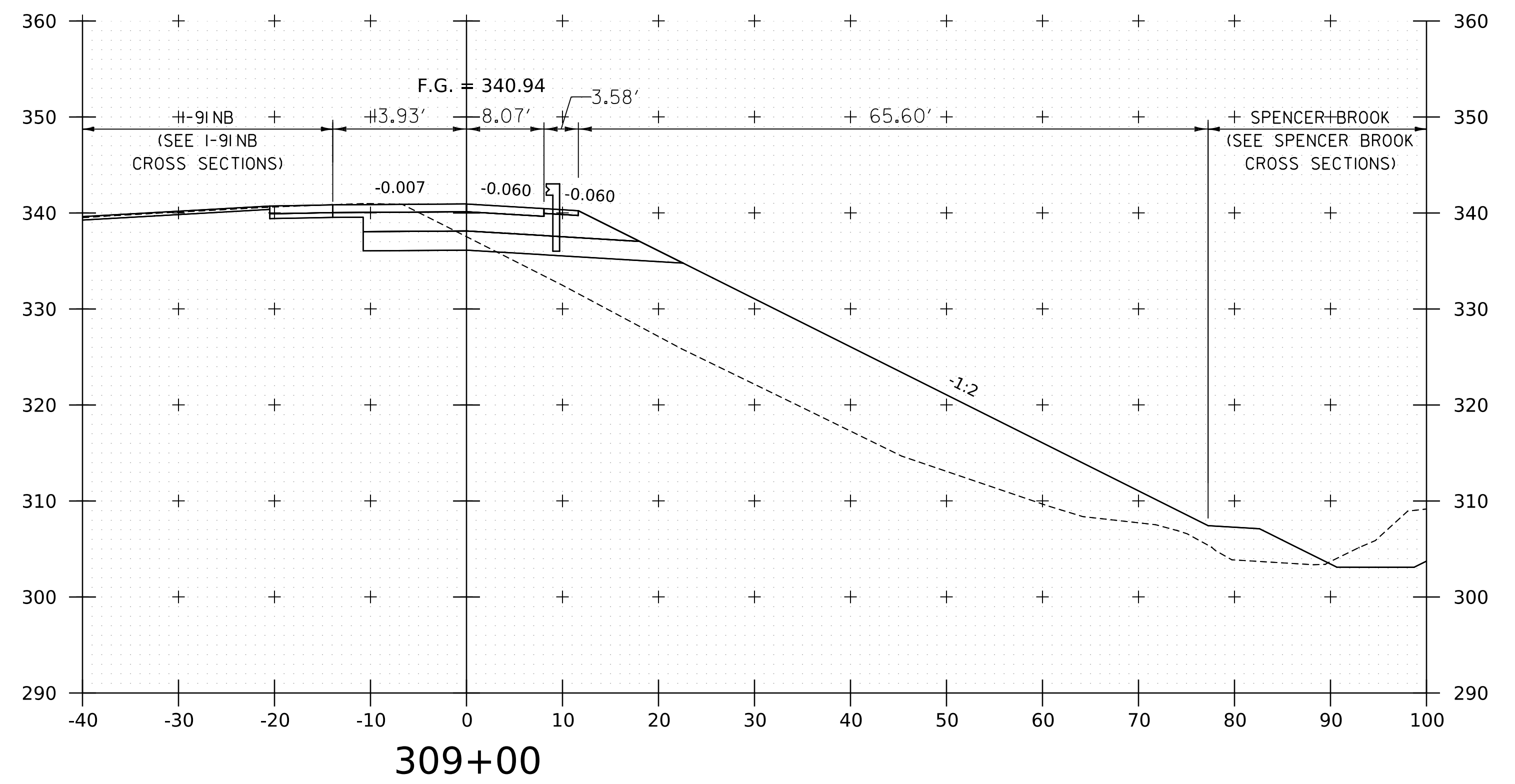
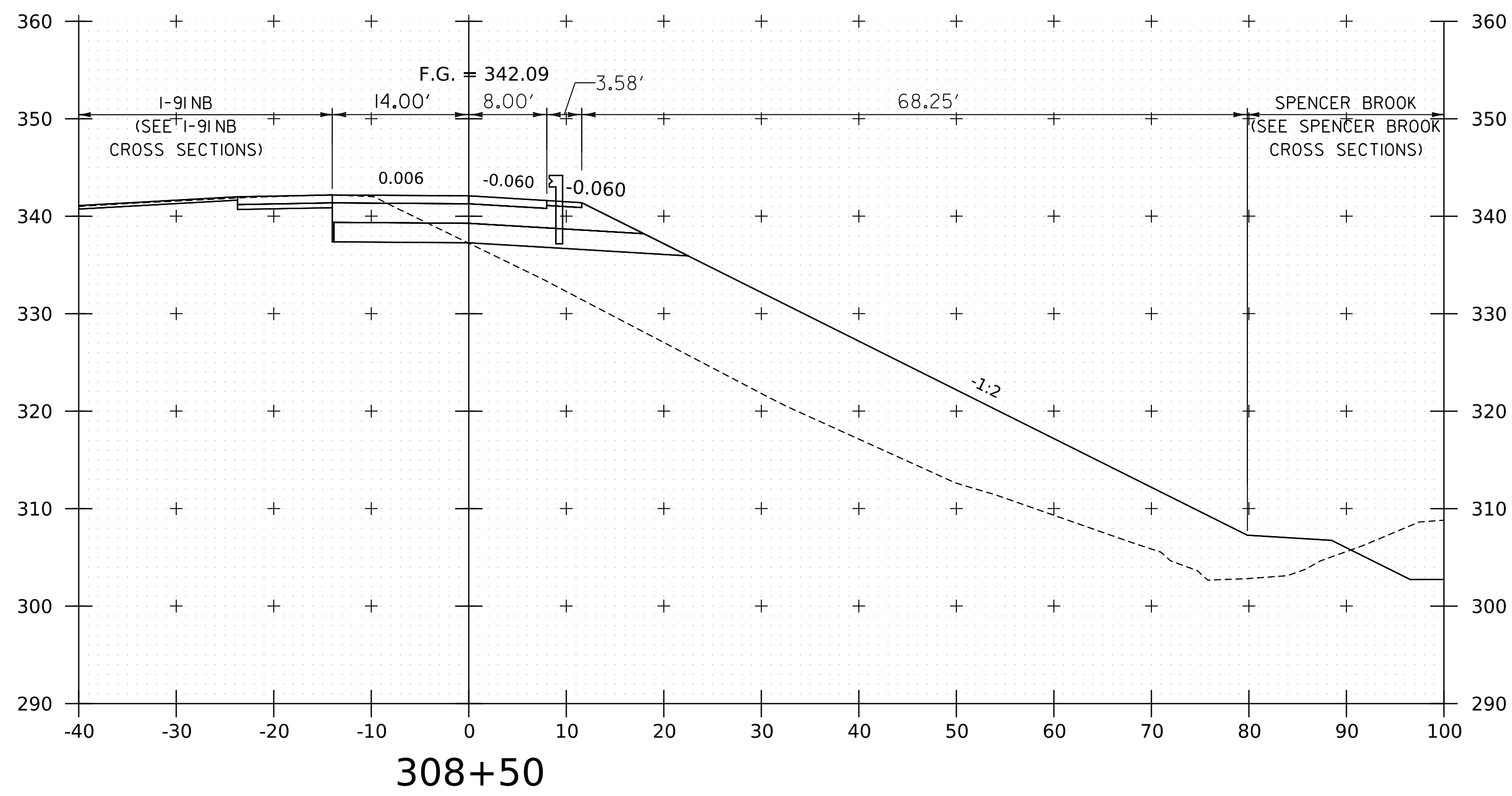
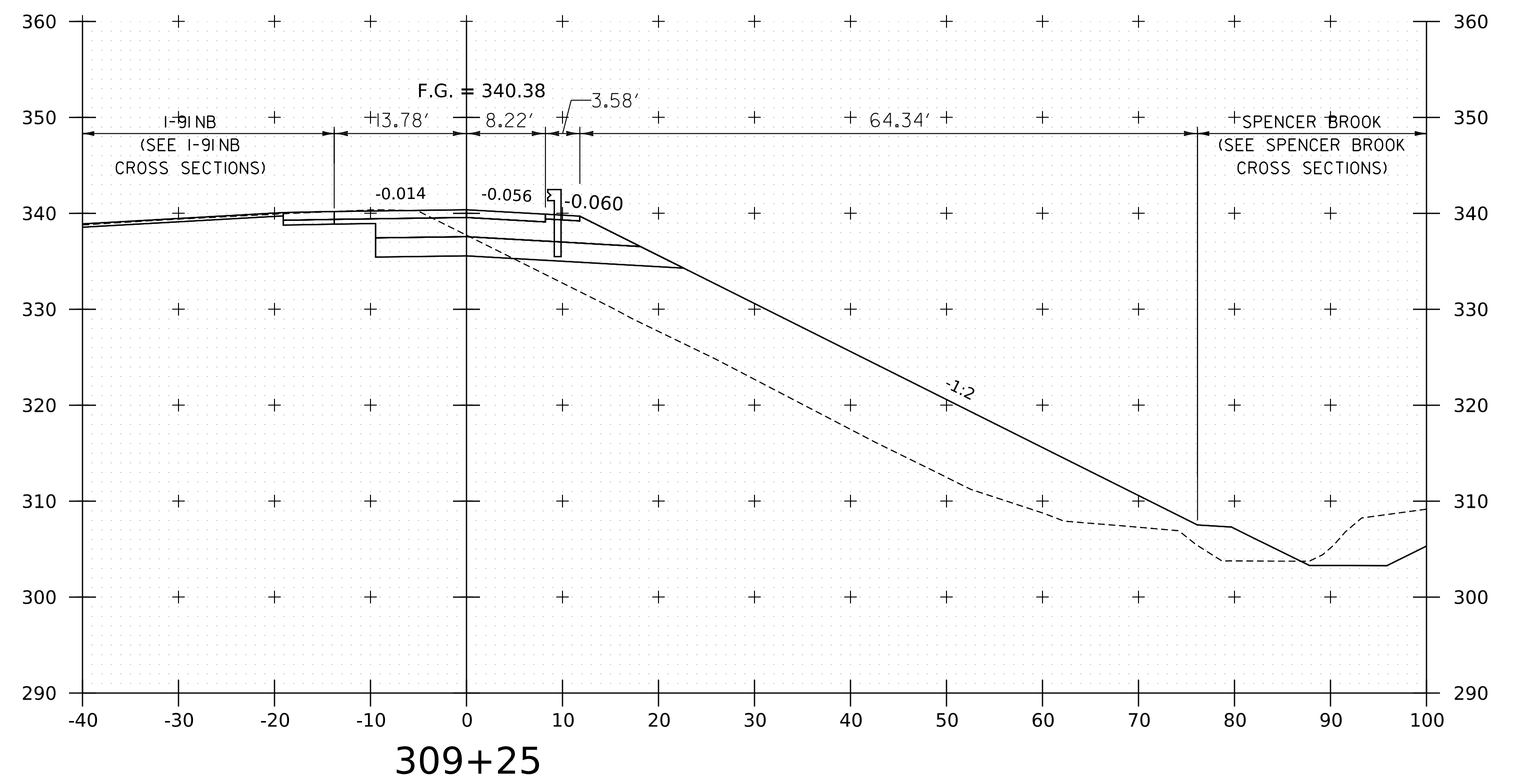
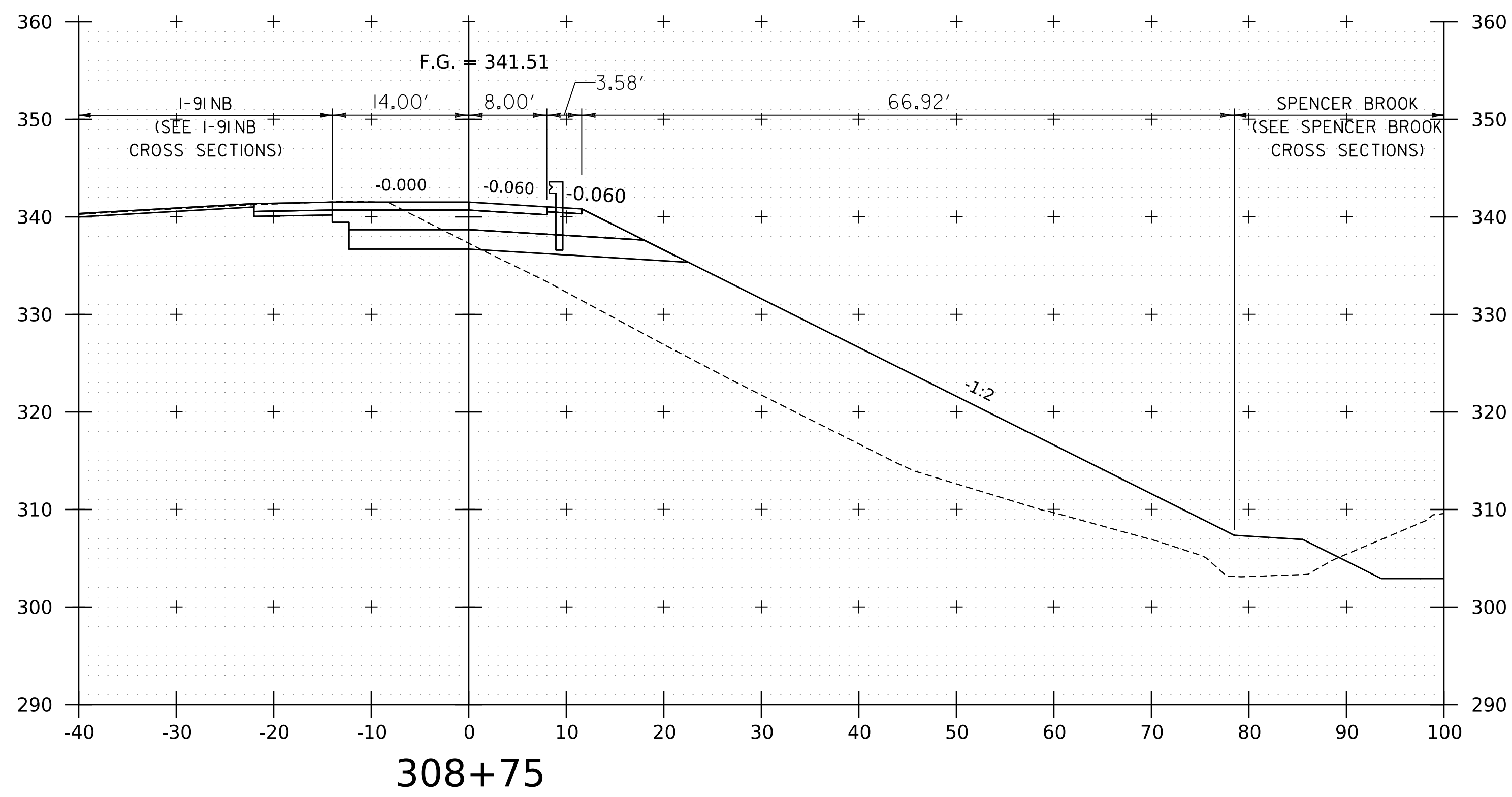


WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.1.91_NB_On_Ramp.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 14	SHEET 273 OF 439



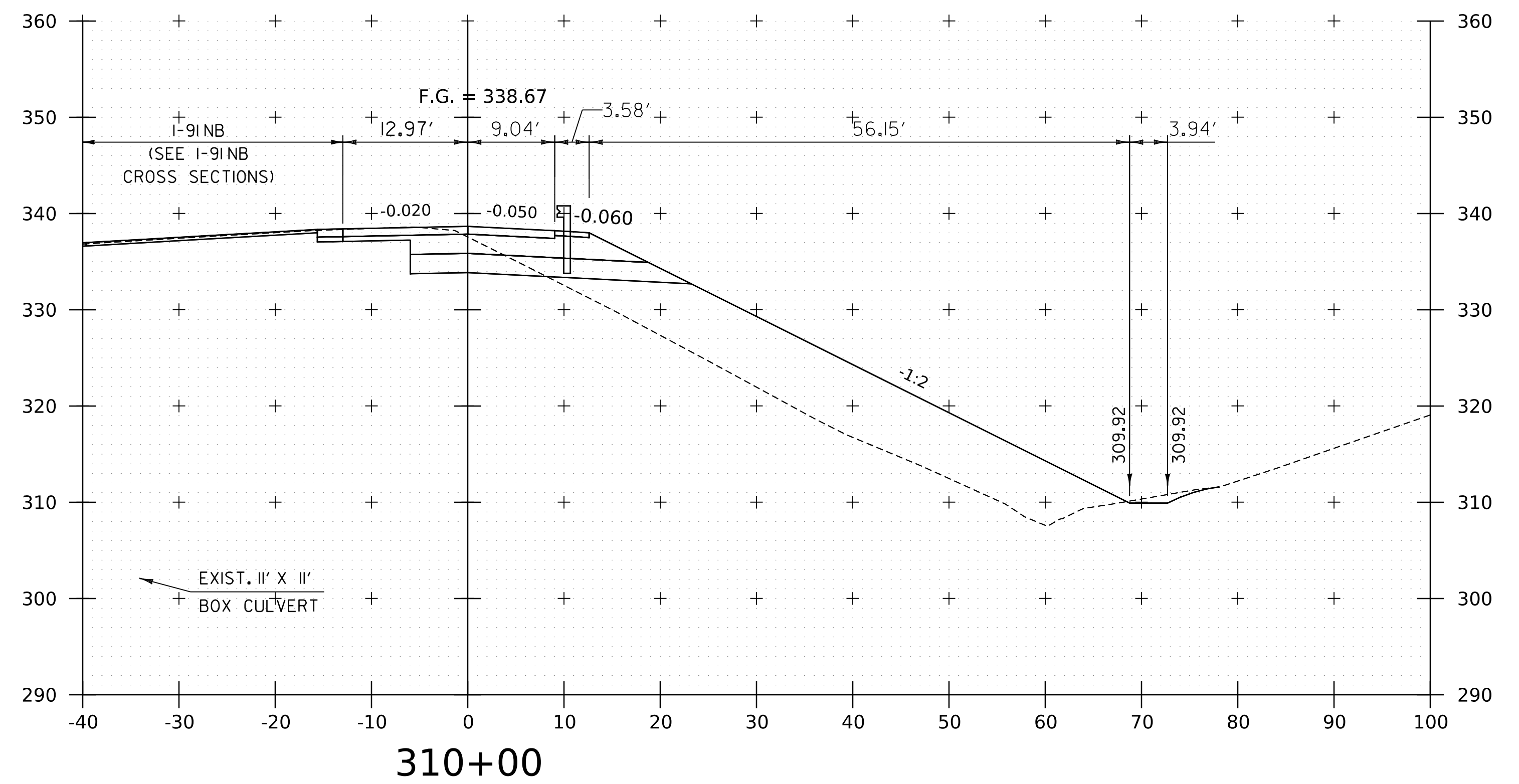
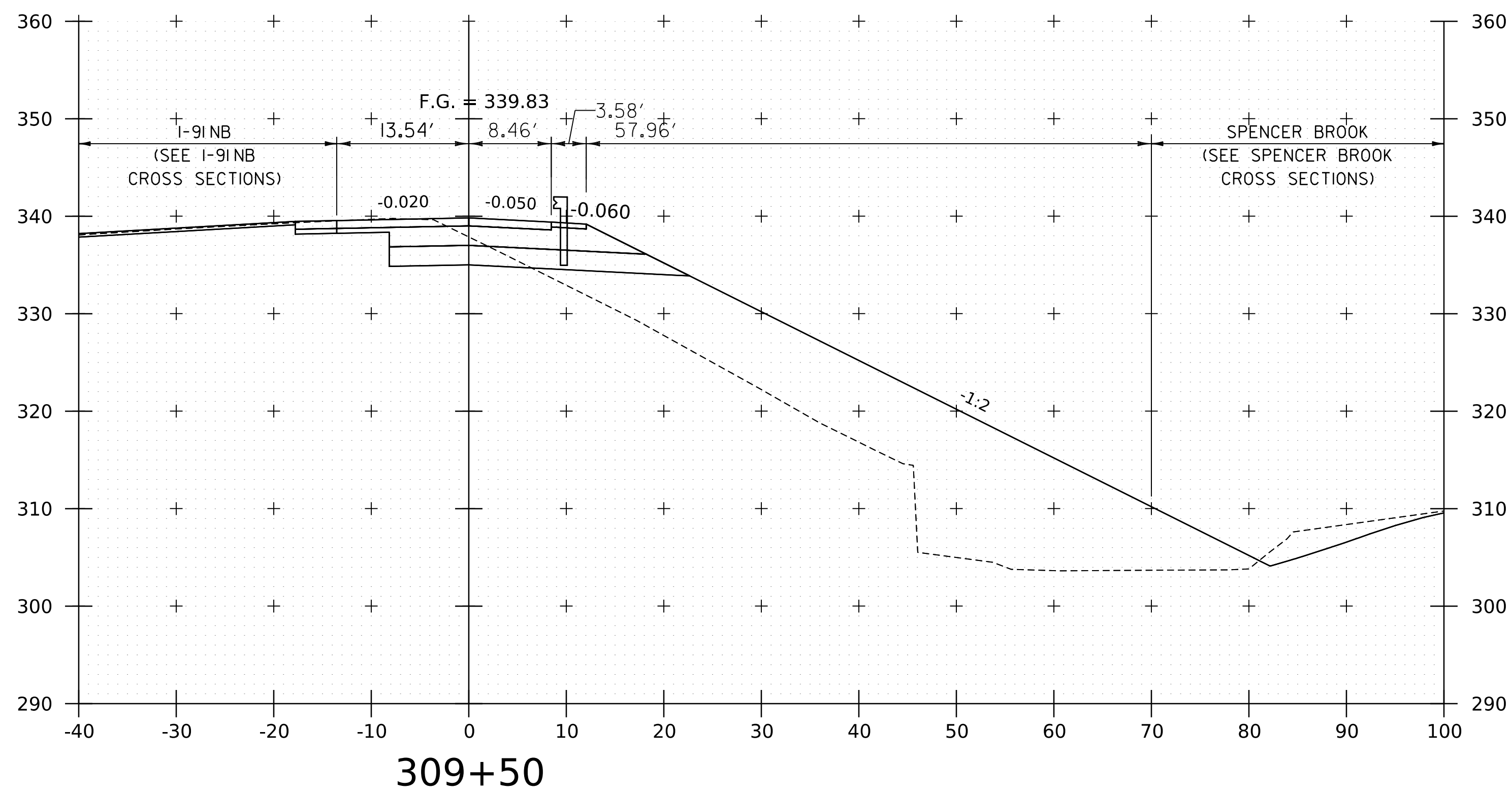
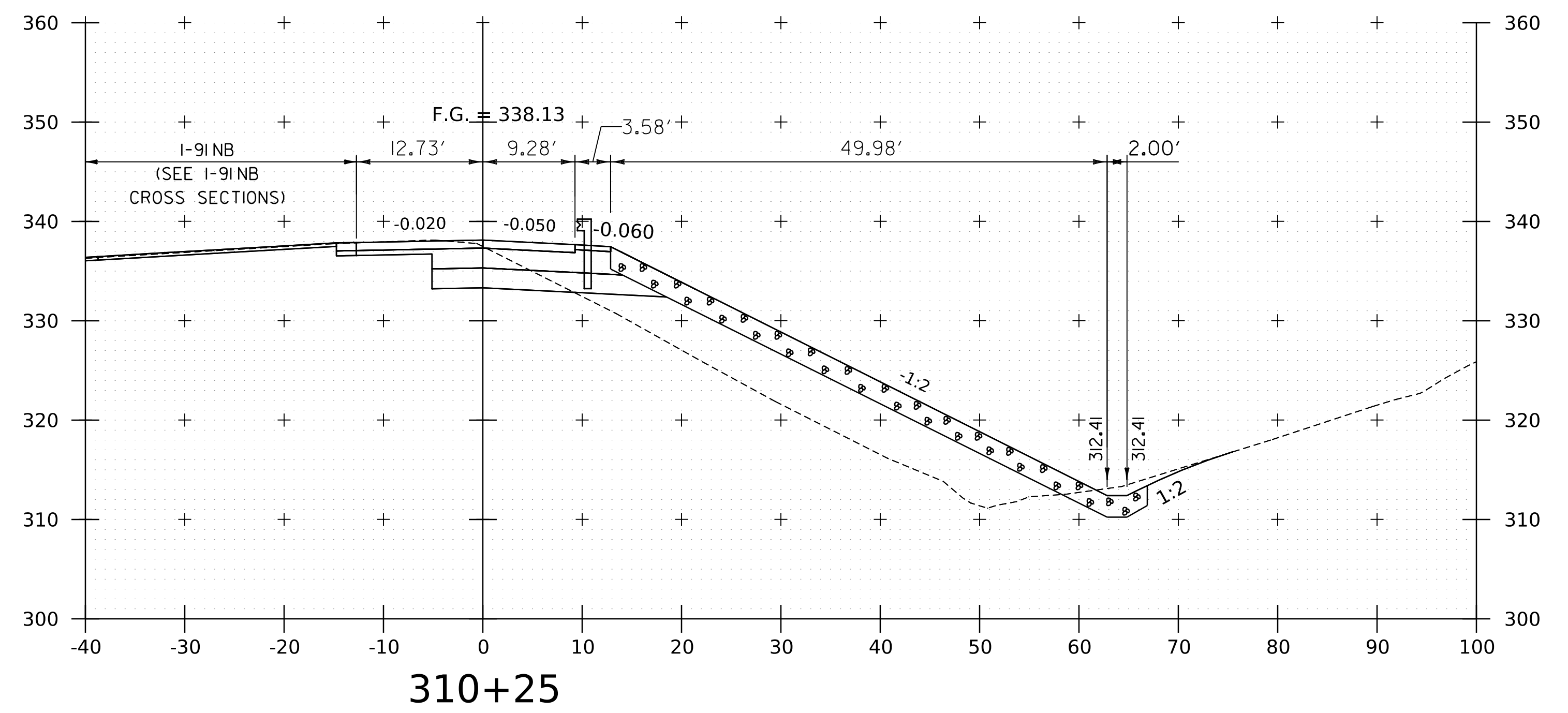
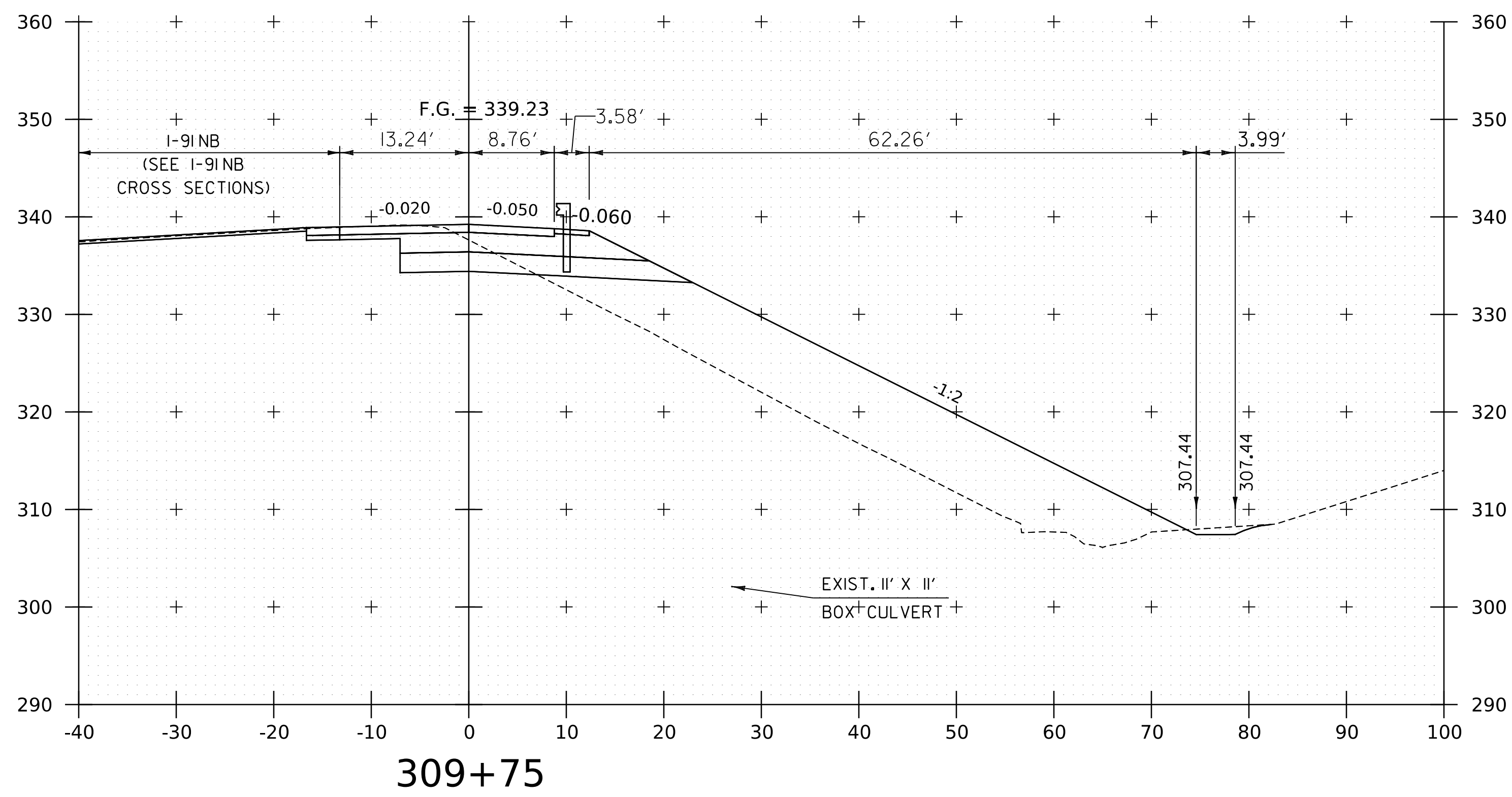
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I.91.NB.On.Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 15	SHEET 274 OF 439



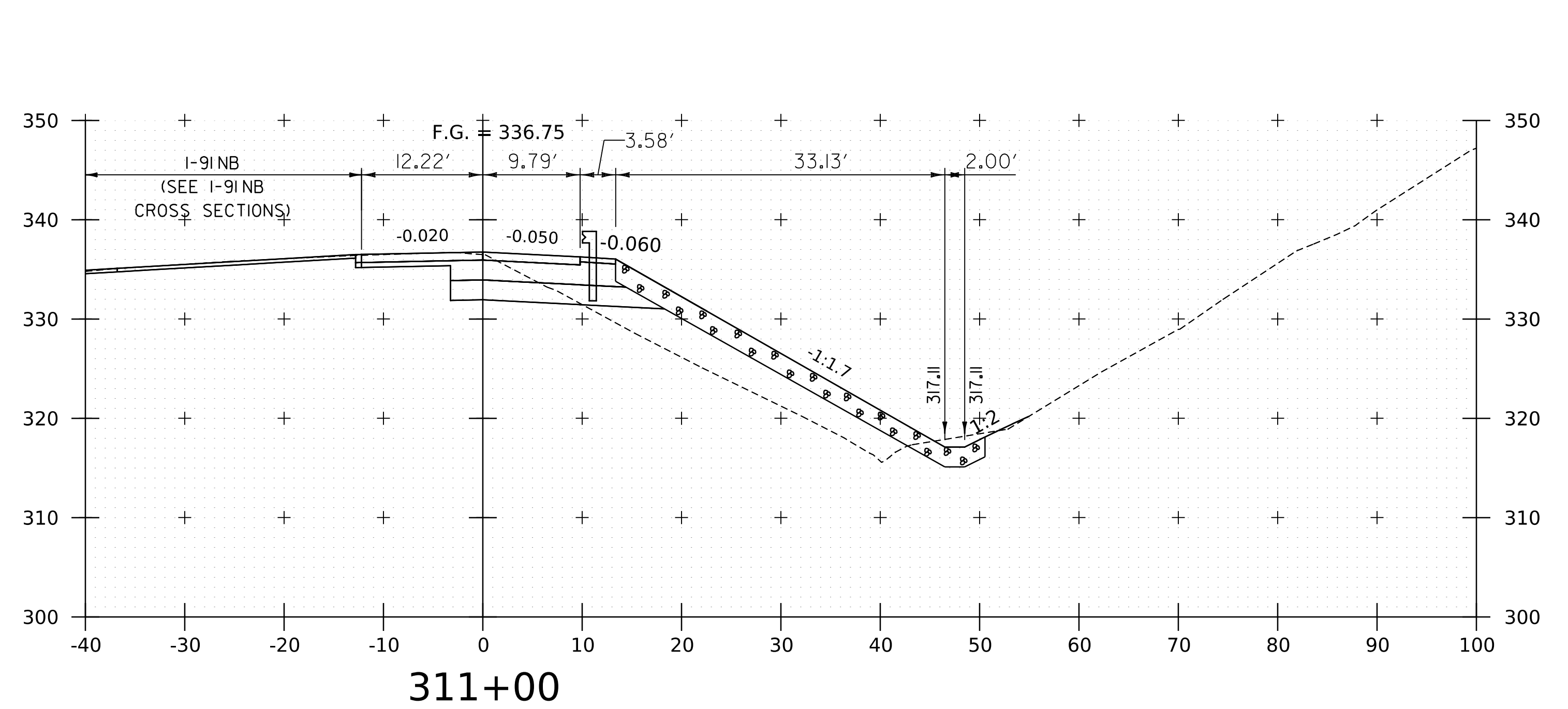
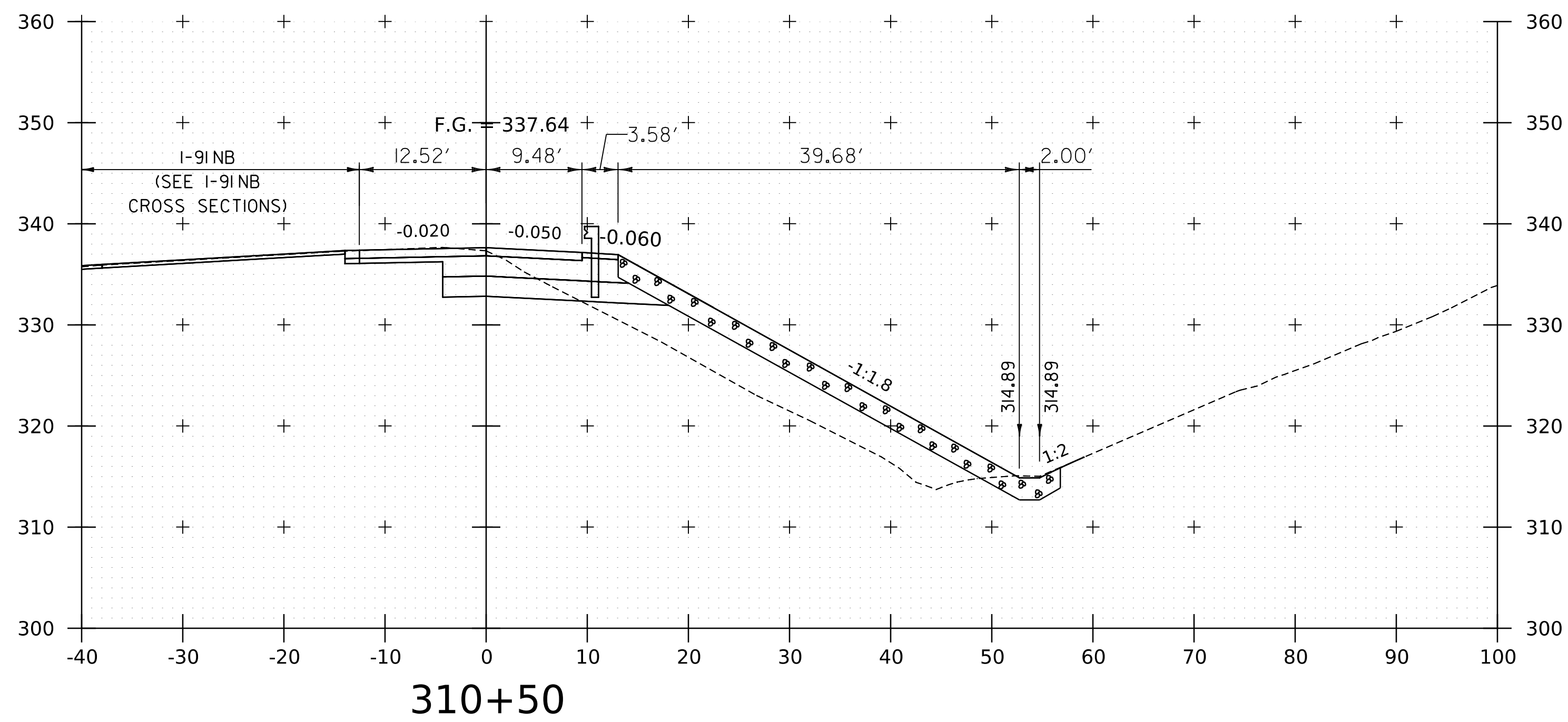
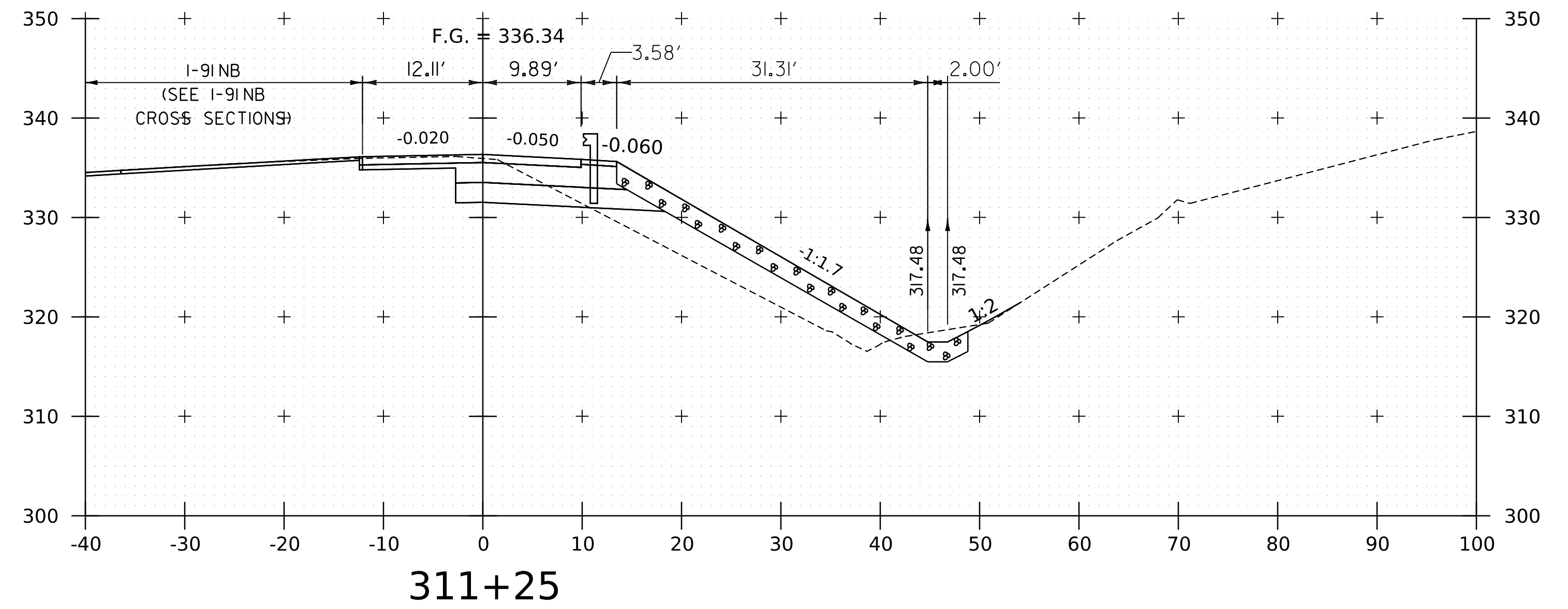
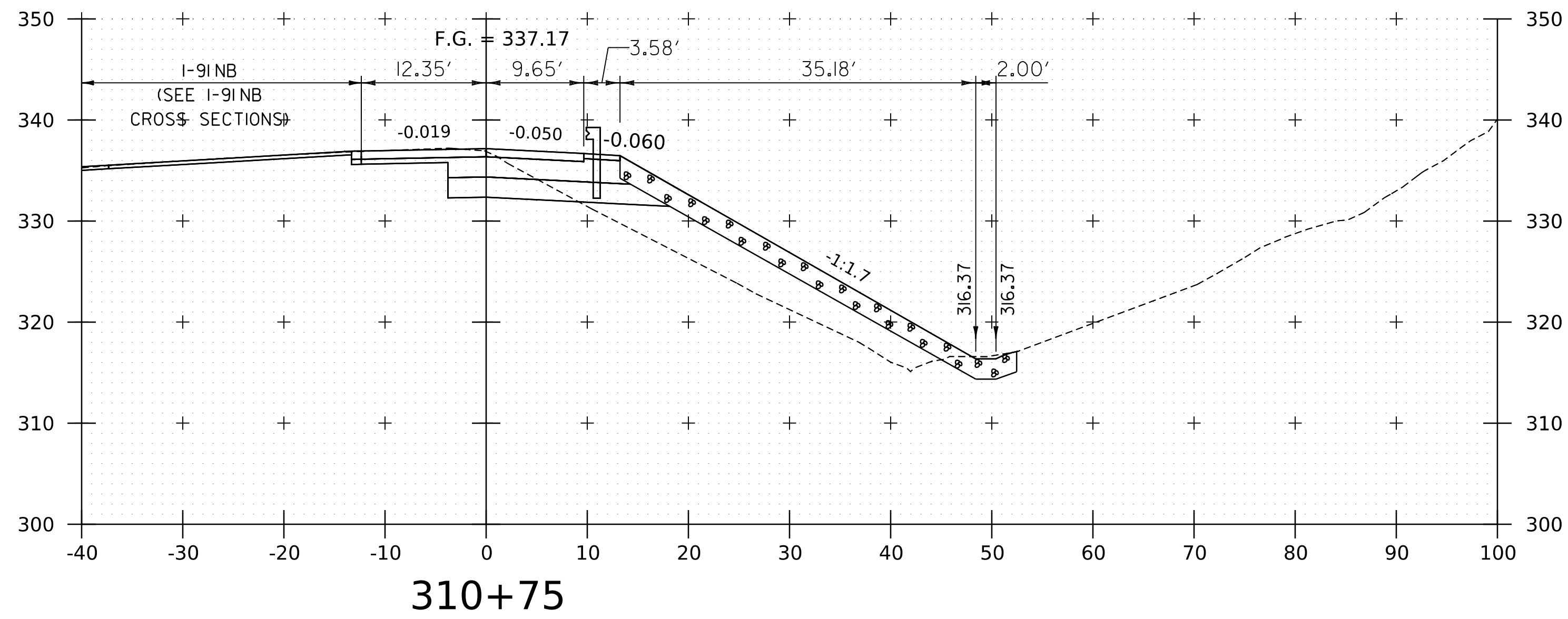
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.1.91_NB_On_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 16	SHEET 275 OF 439



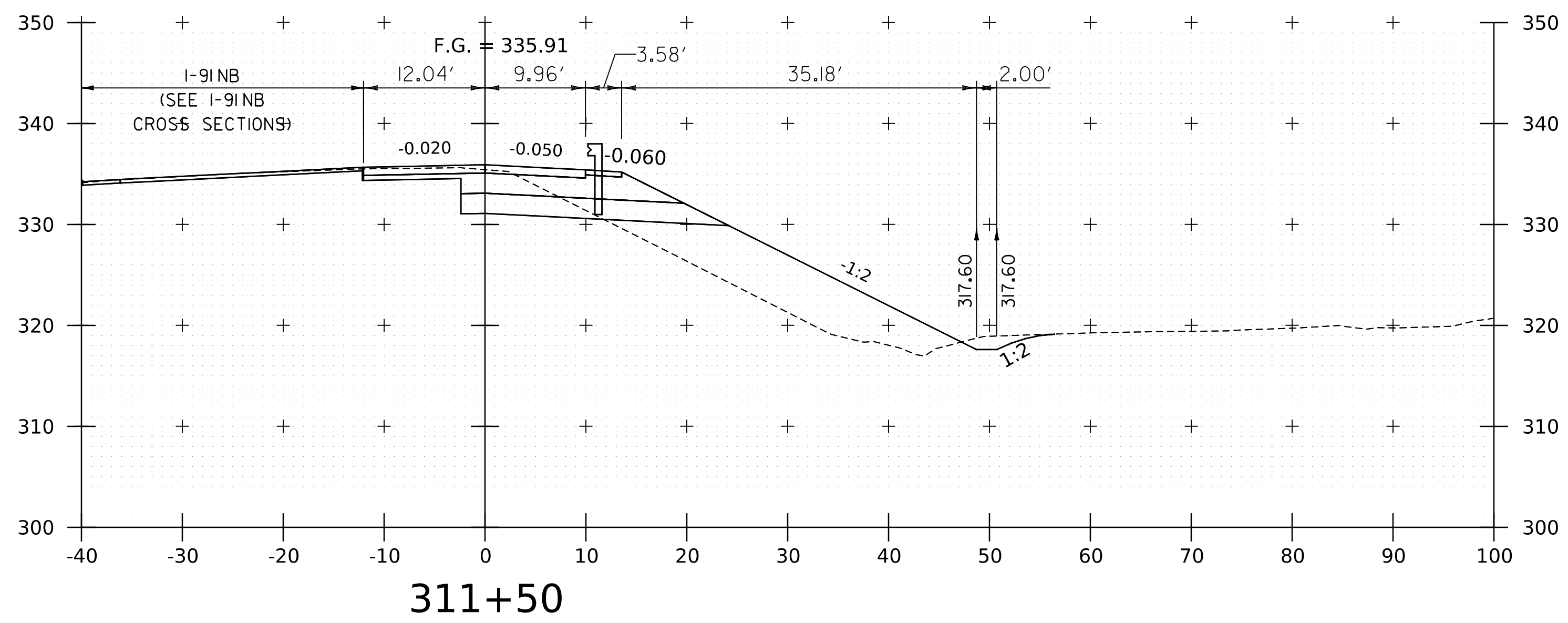
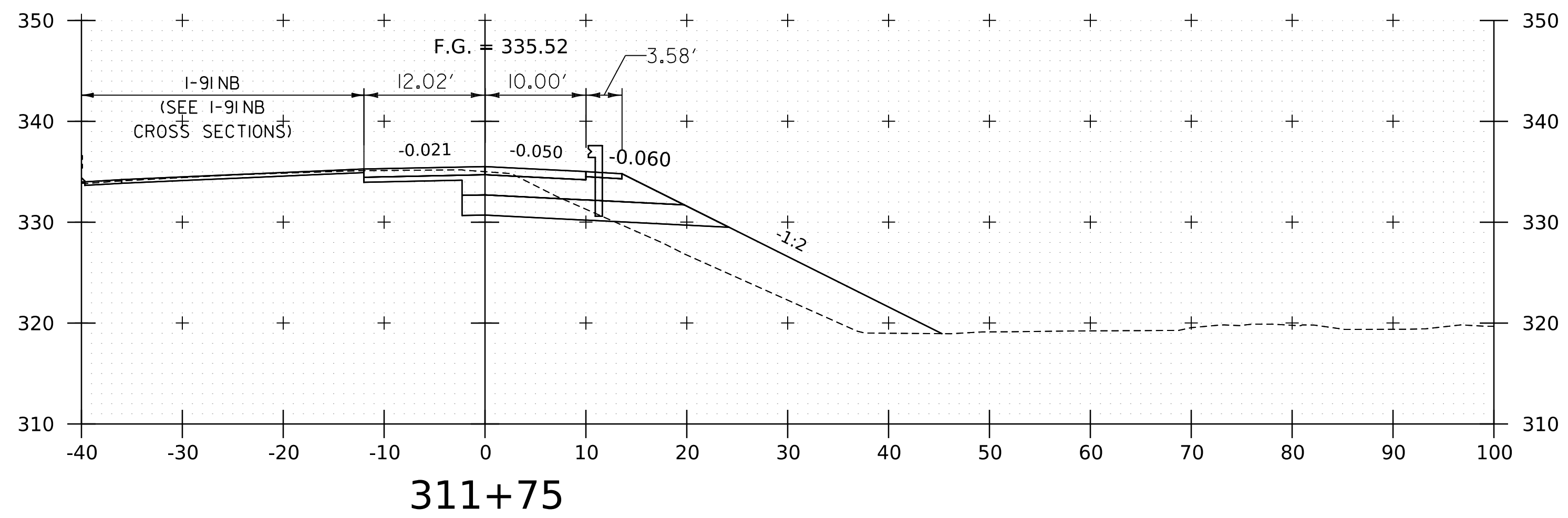
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.1.91_NB_On_Ramp.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
I-91NB ON RAMP CROSS SECTIONS 17	SHEET 276 OF 439



WORKING PLANS FOR REFERENCE ONLY

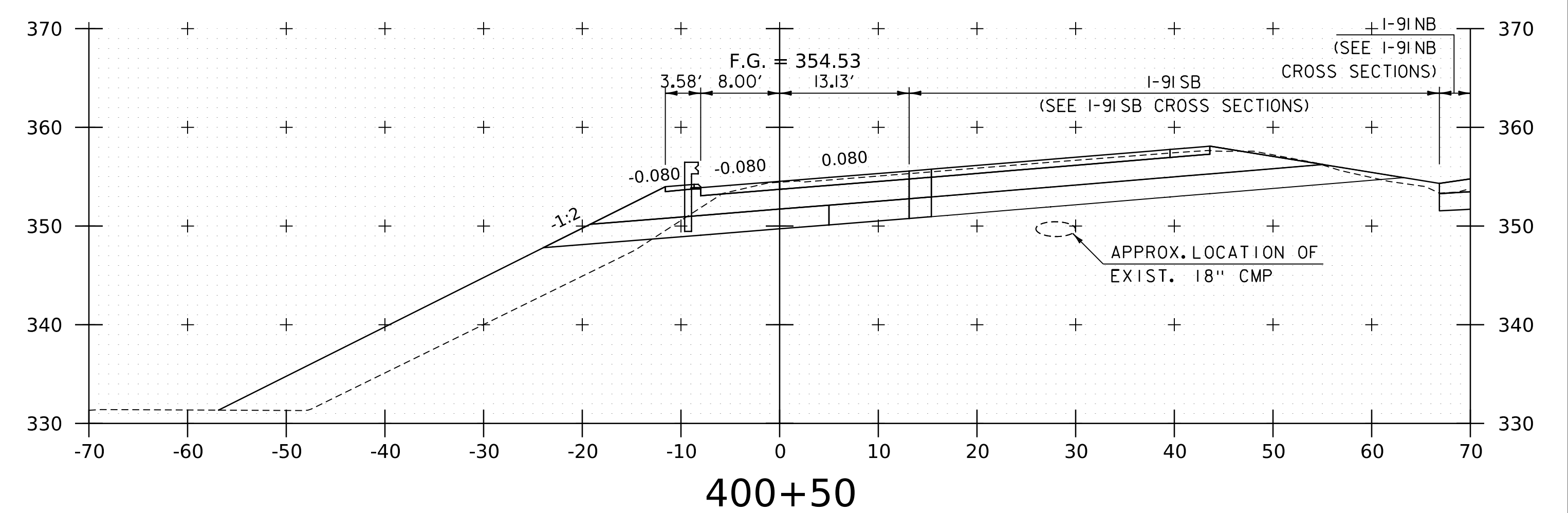
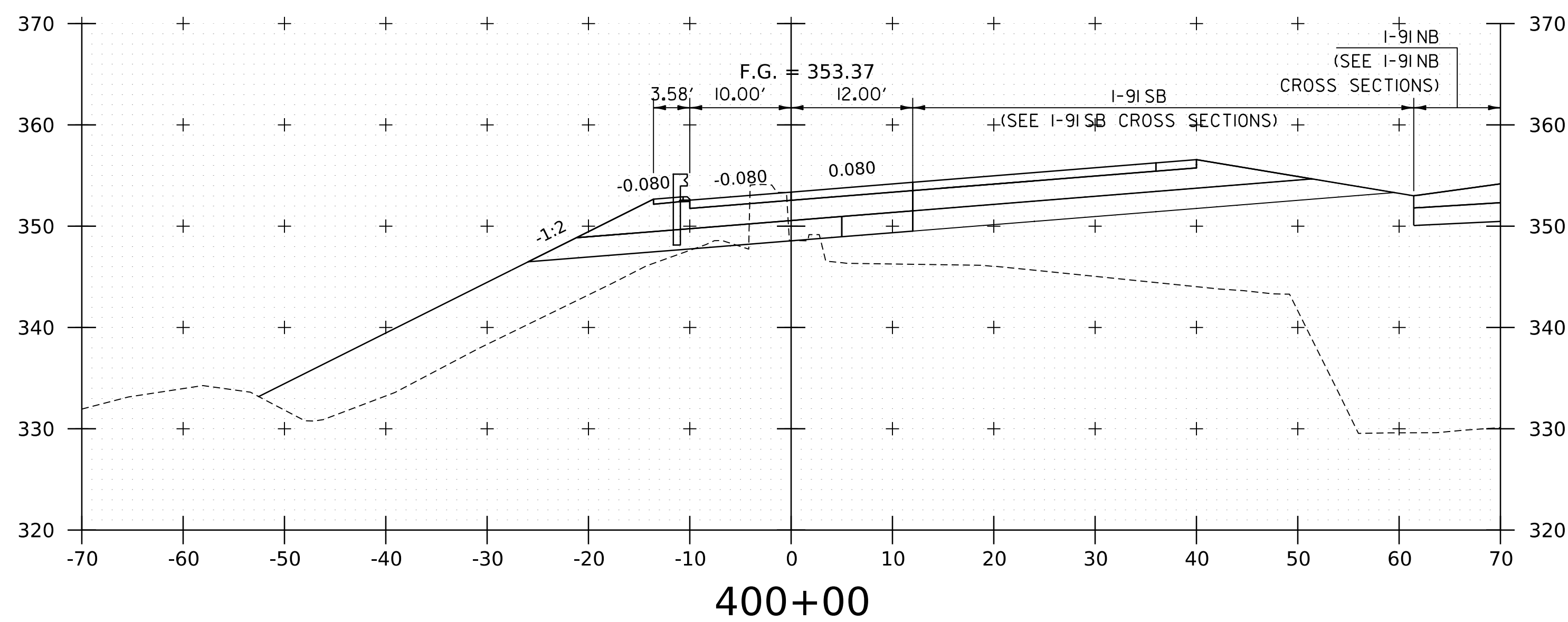
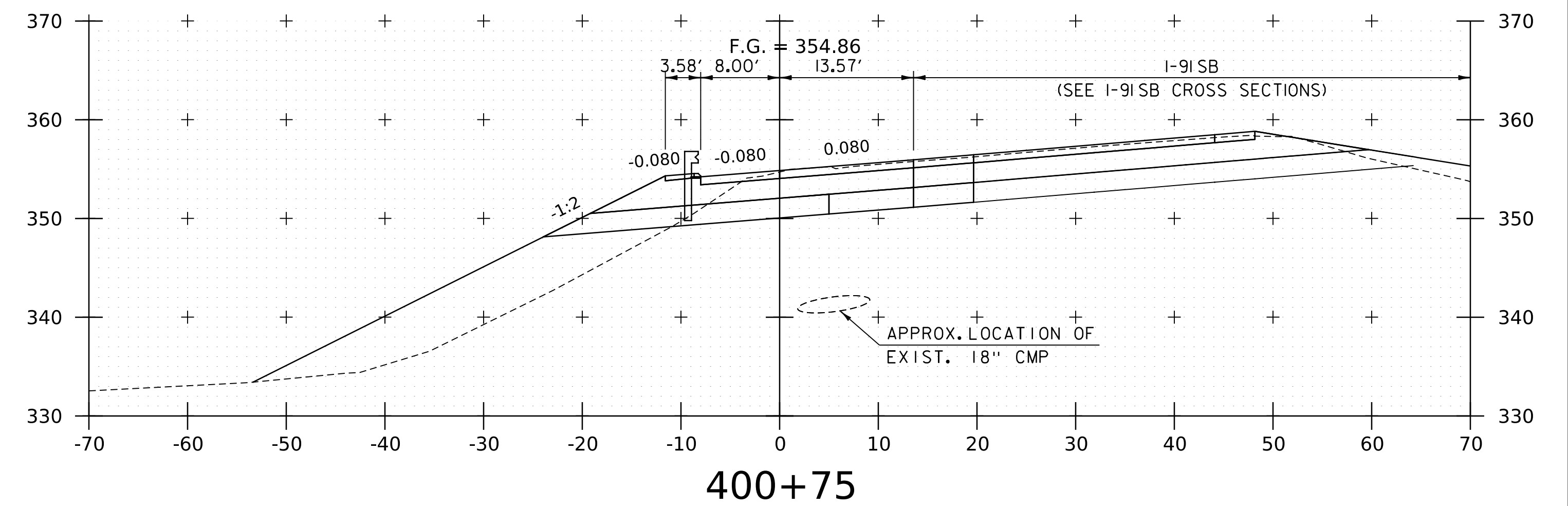
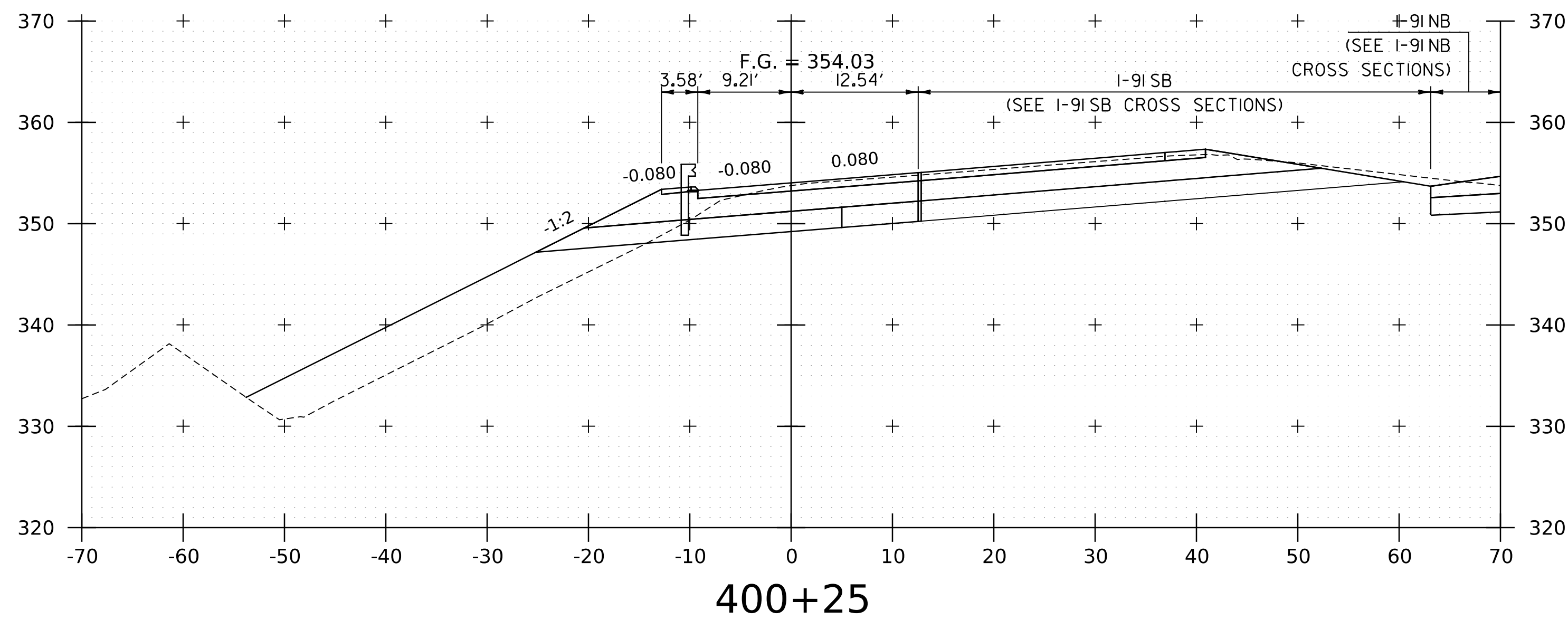


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs.1.91_NB_On_Ramp.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
I-91 NB ON RAMP CROSS SECTIONS 18 SHEET 277 OF 439



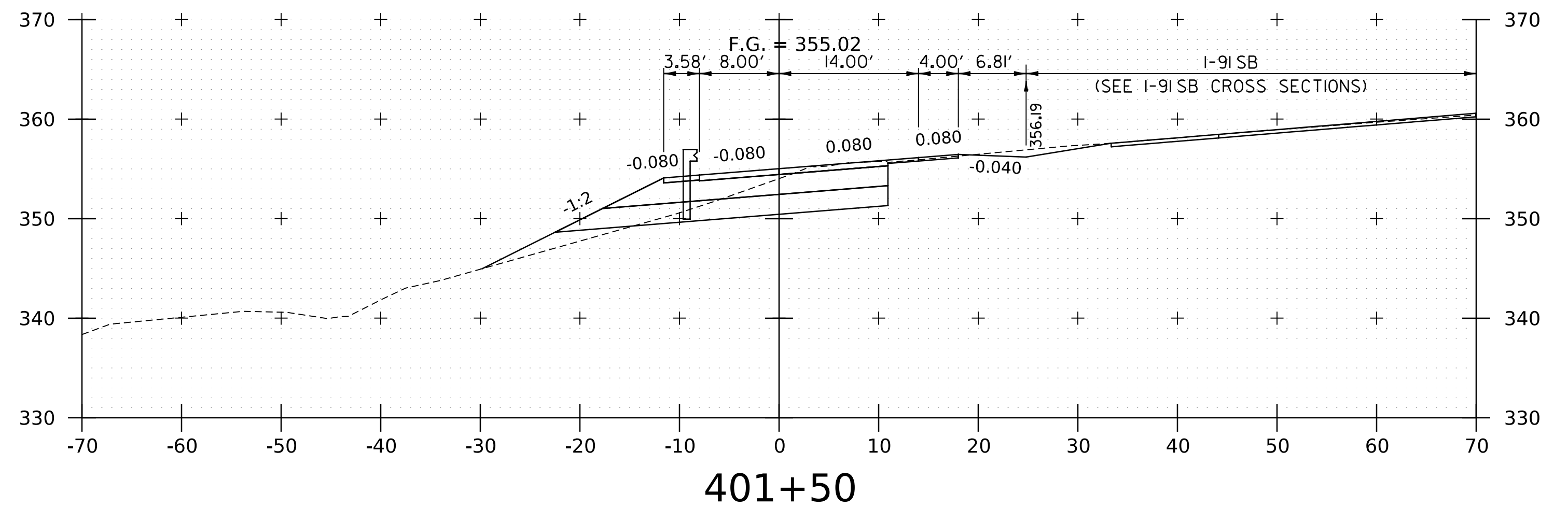
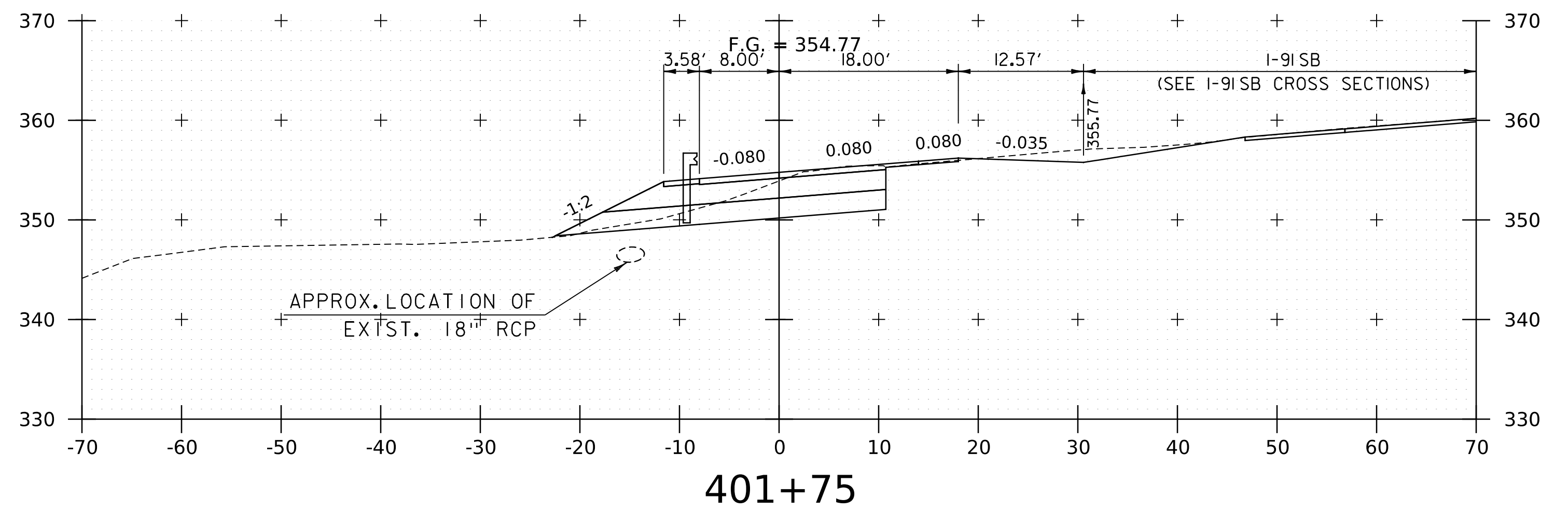
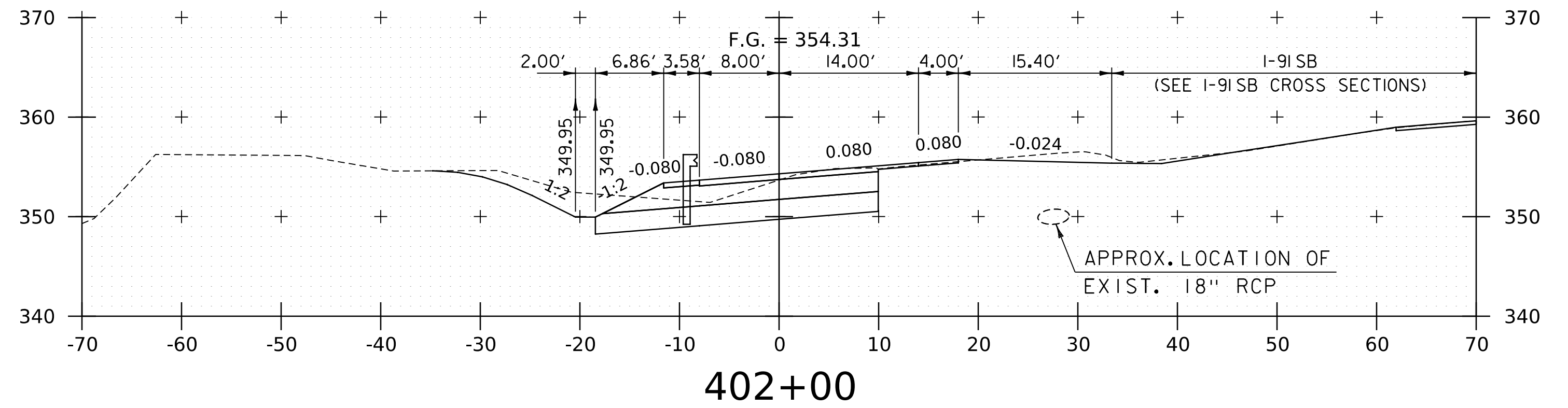
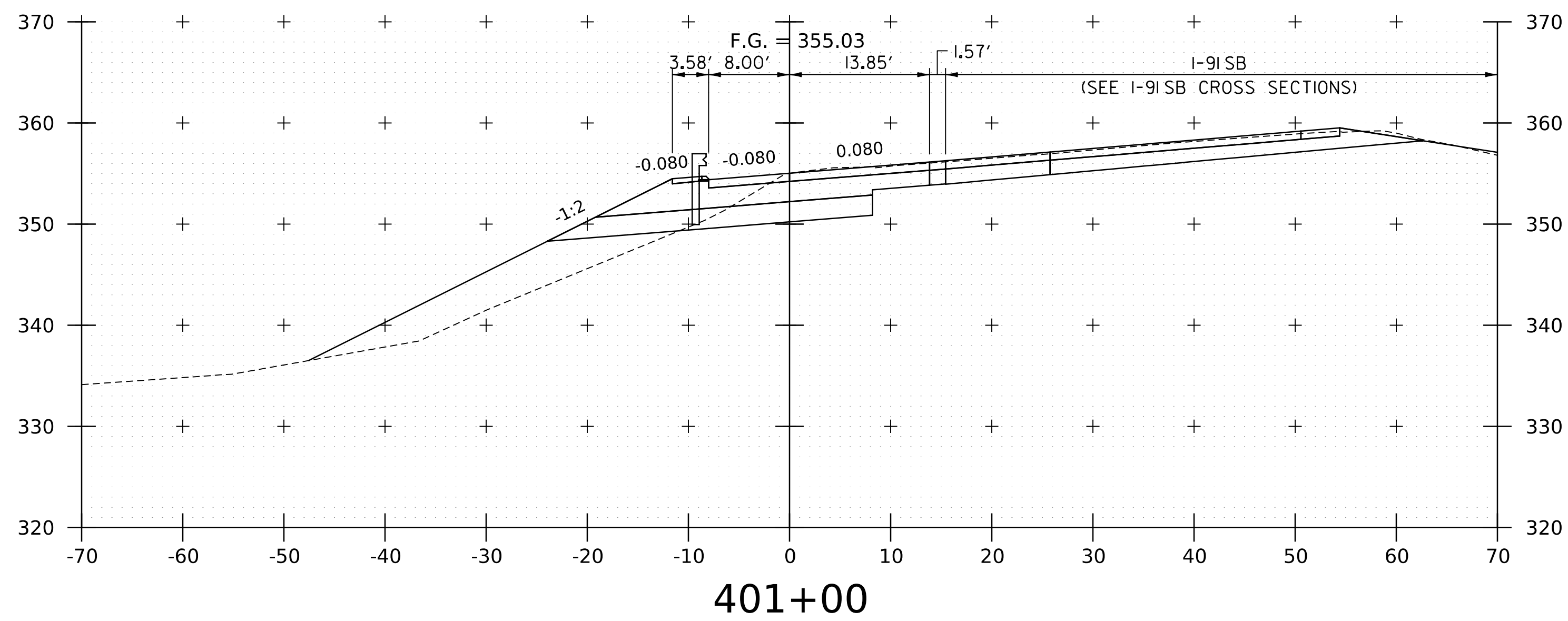
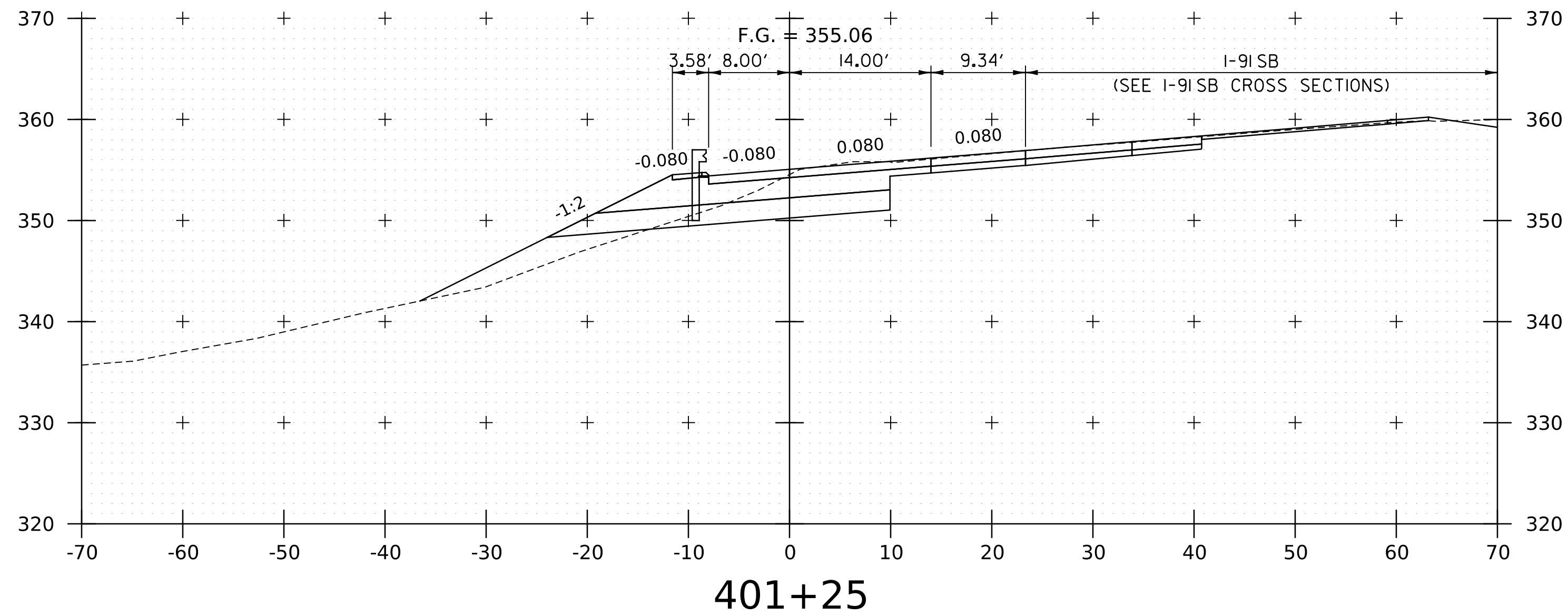
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_SB_On_Ramp.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
I-91 SB ON RAMP CROSS SECTIONS 1	
PLOT DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	C. HELMICK
SHEET	278 OF 439



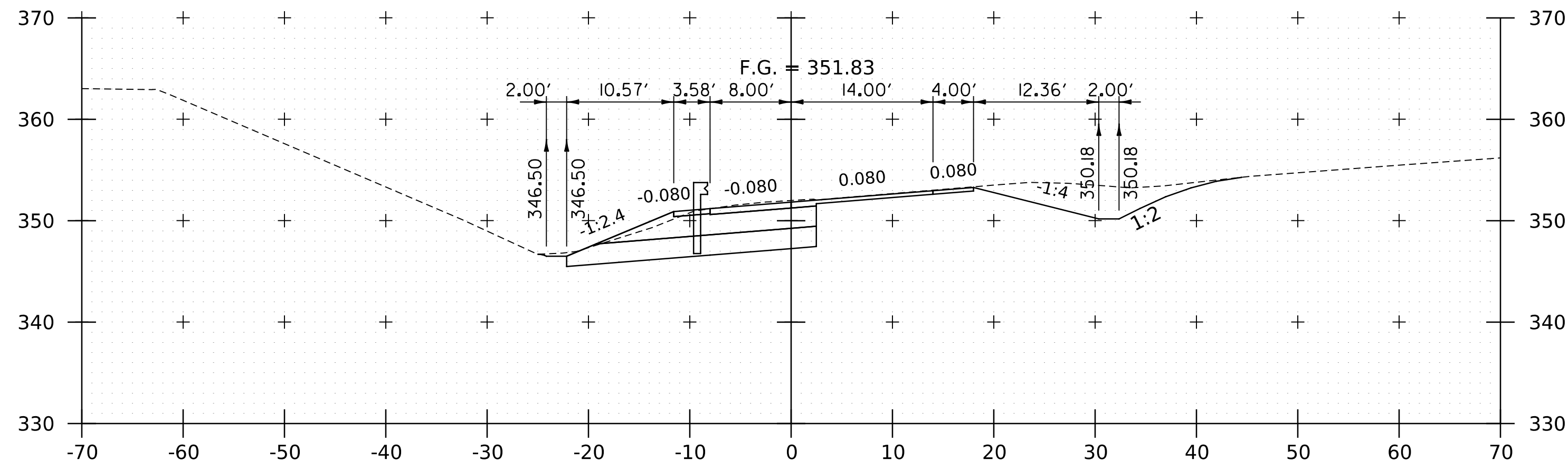
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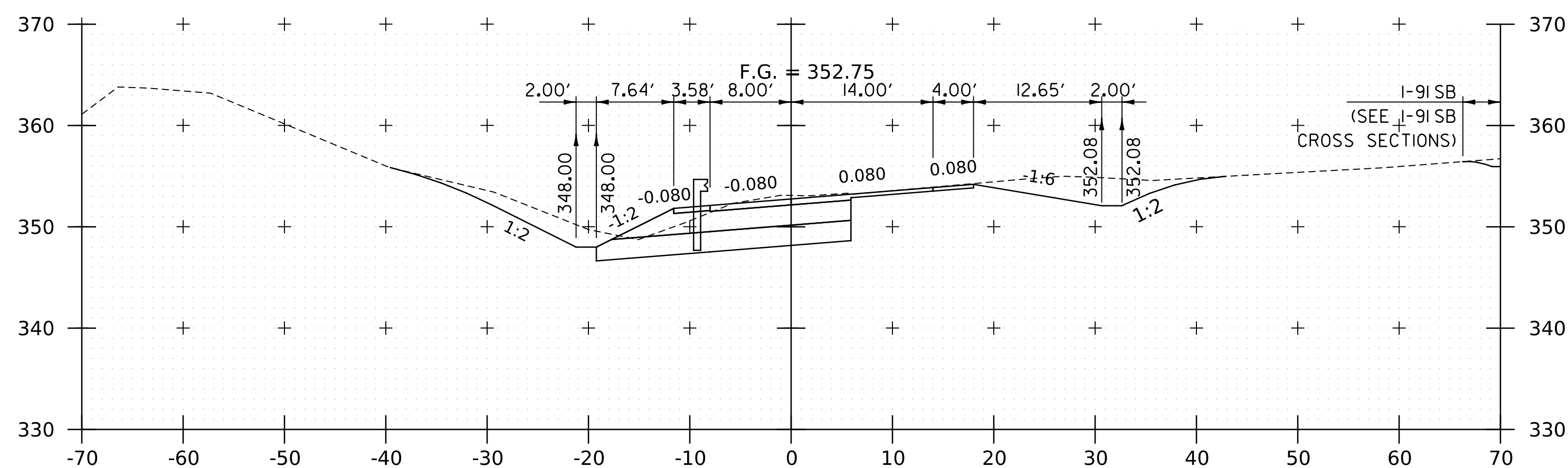
PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	z12a574xs.I-91_SB_On_Ramp.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
I-91 SB ON RAMP CROSS SECTIONS 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	C. HELMICK
SHEET	279 OF 439



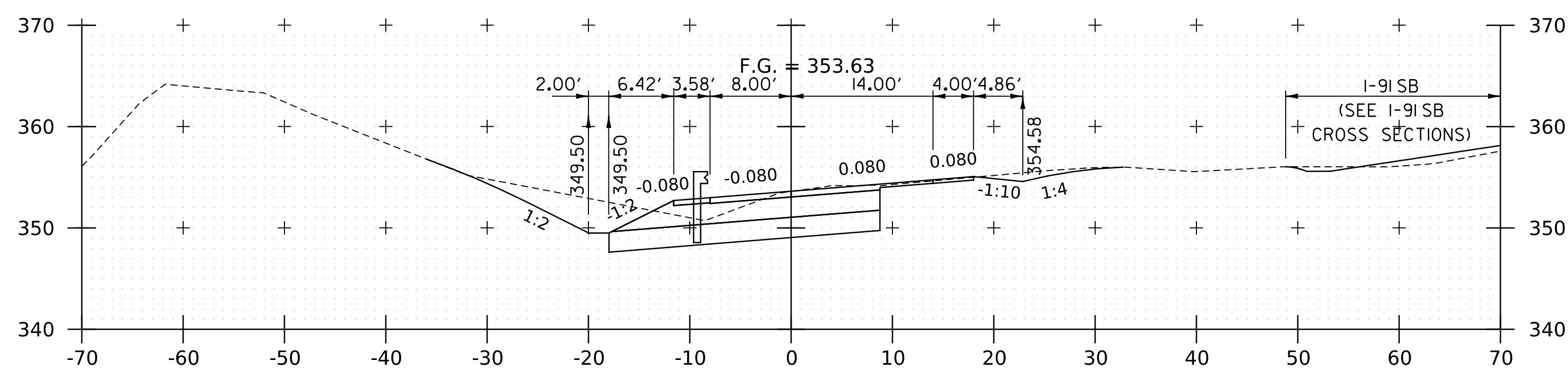
WORKING PLANS FOR REFERENCE ONLY



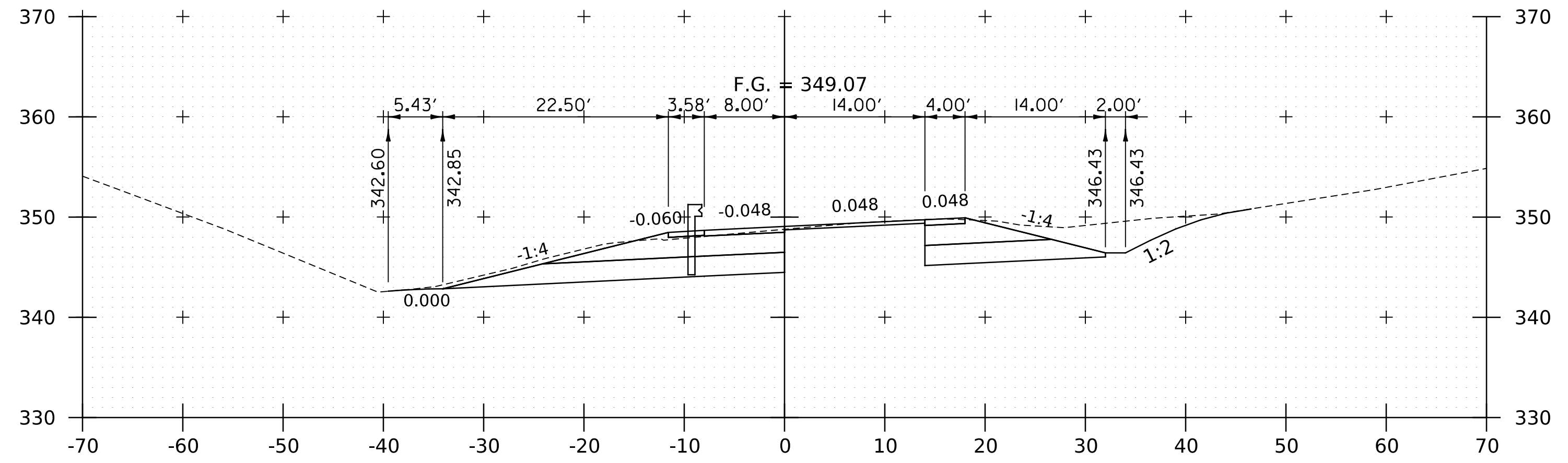
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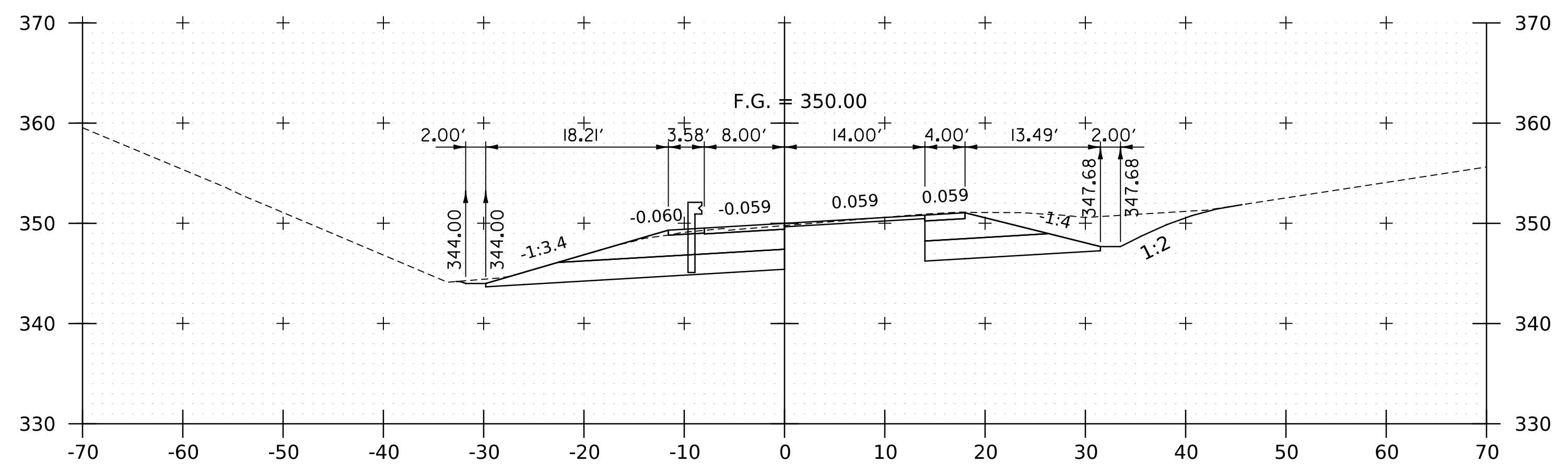
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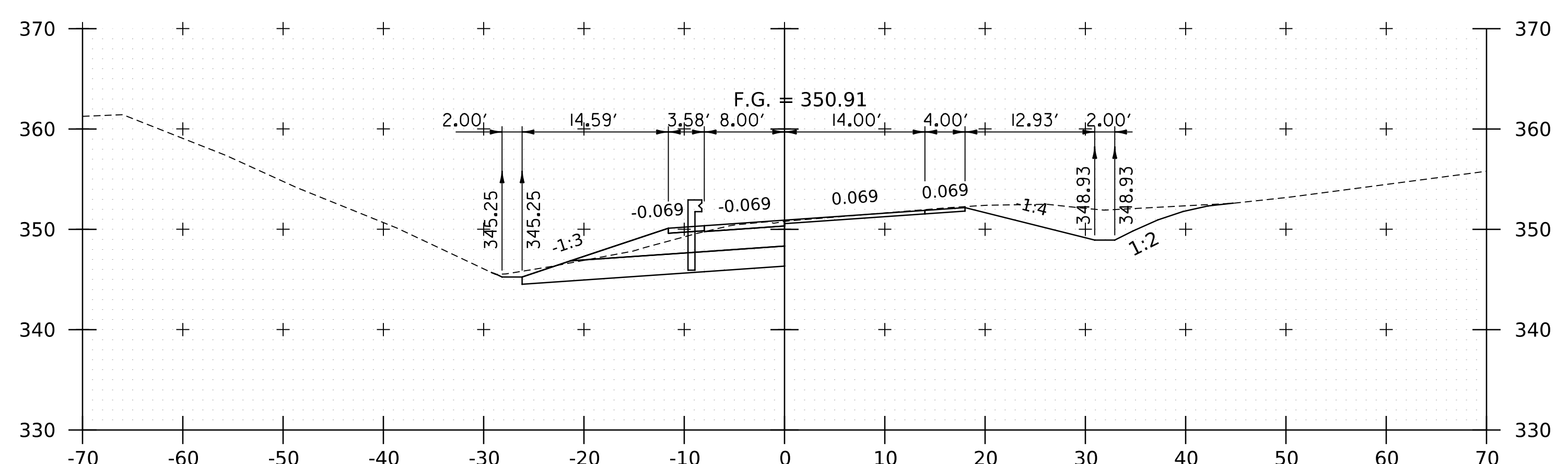
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403+50



403+25

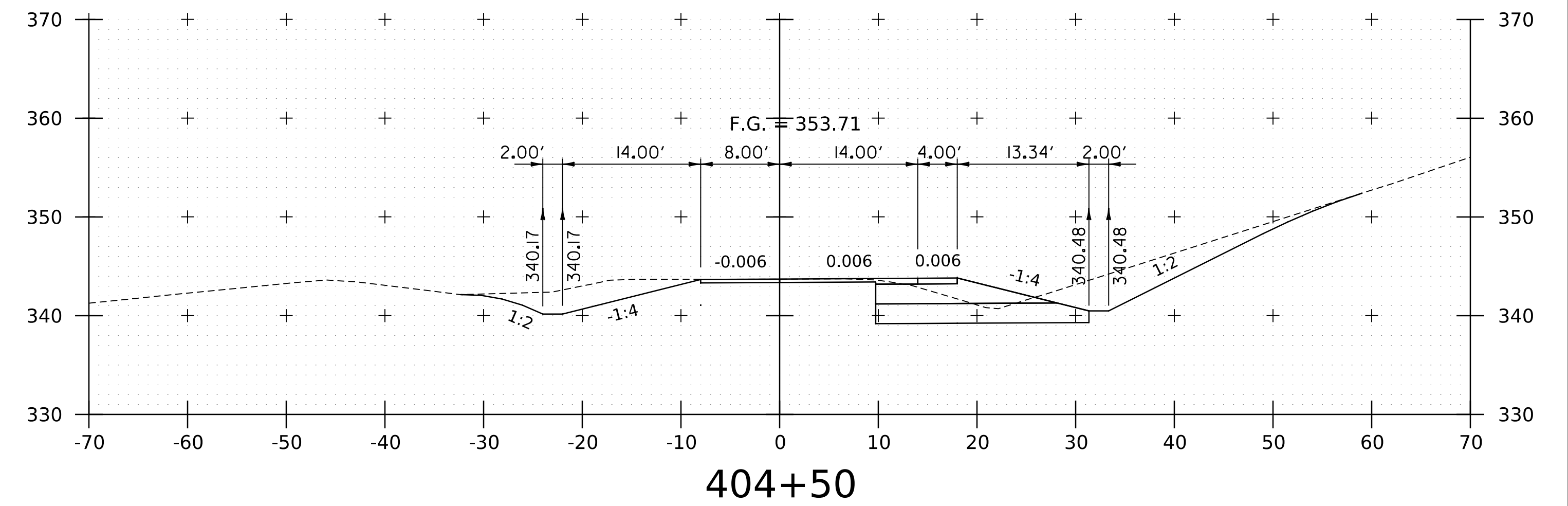
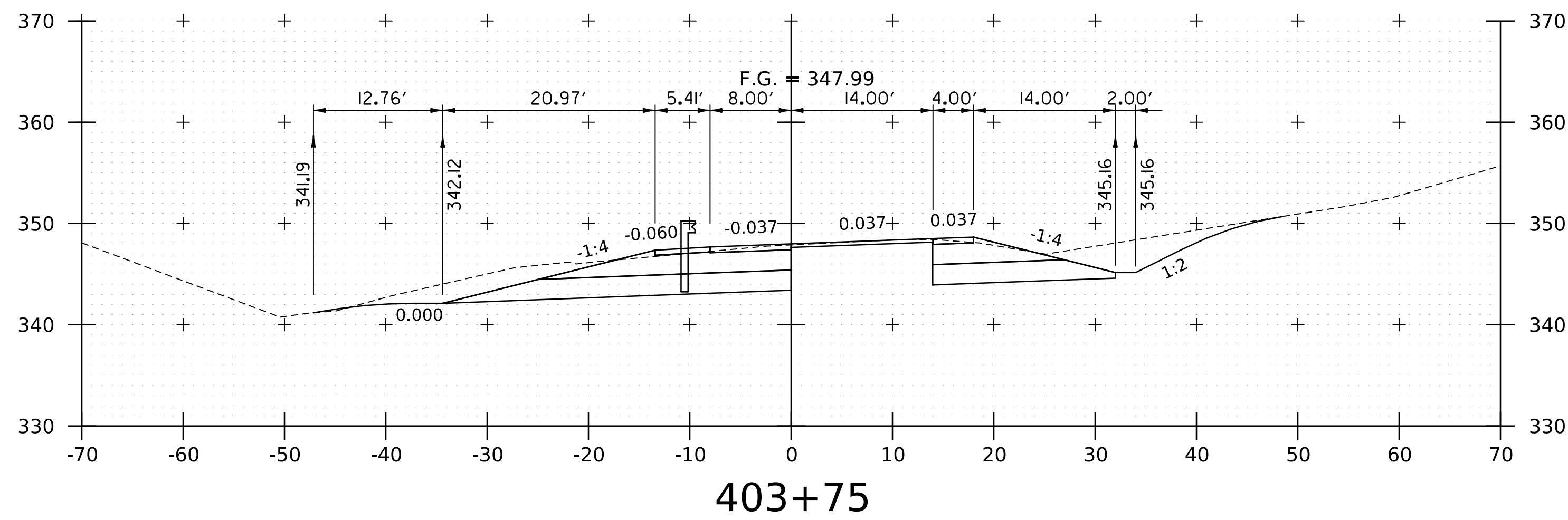
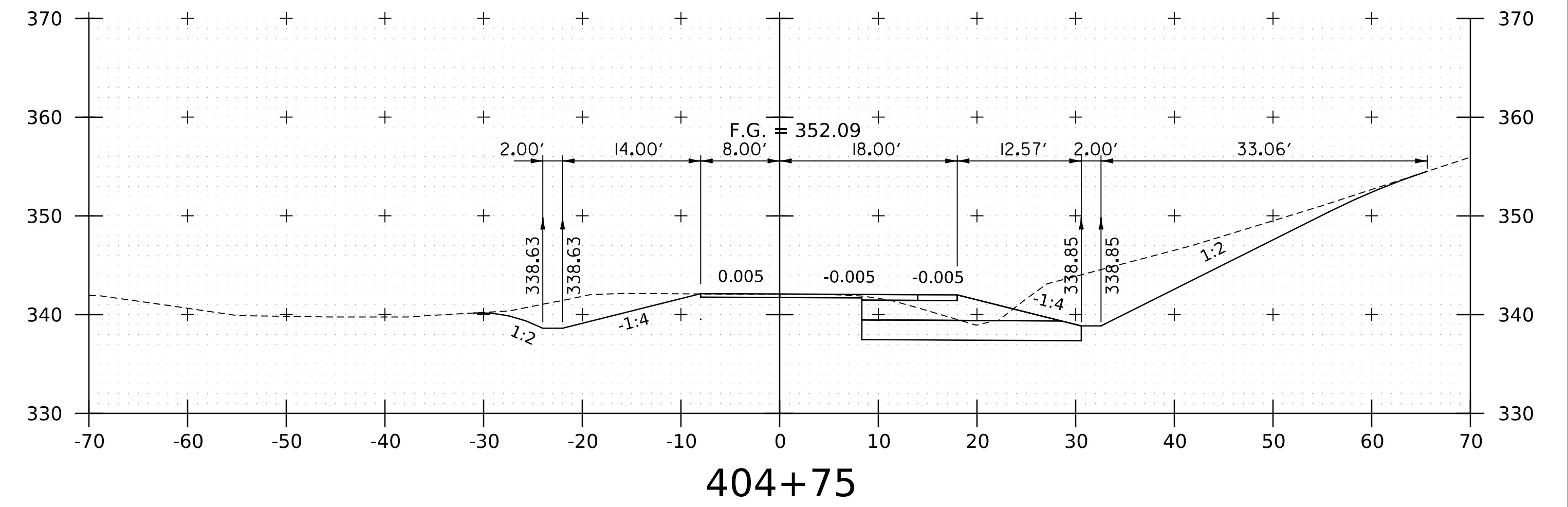
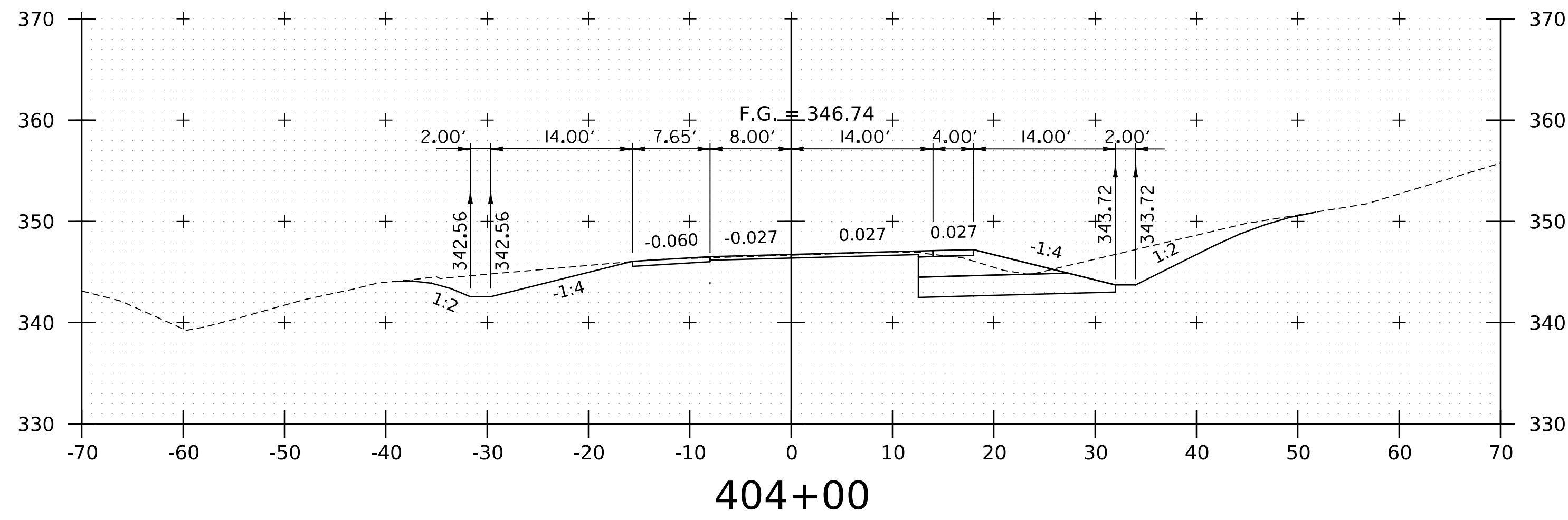
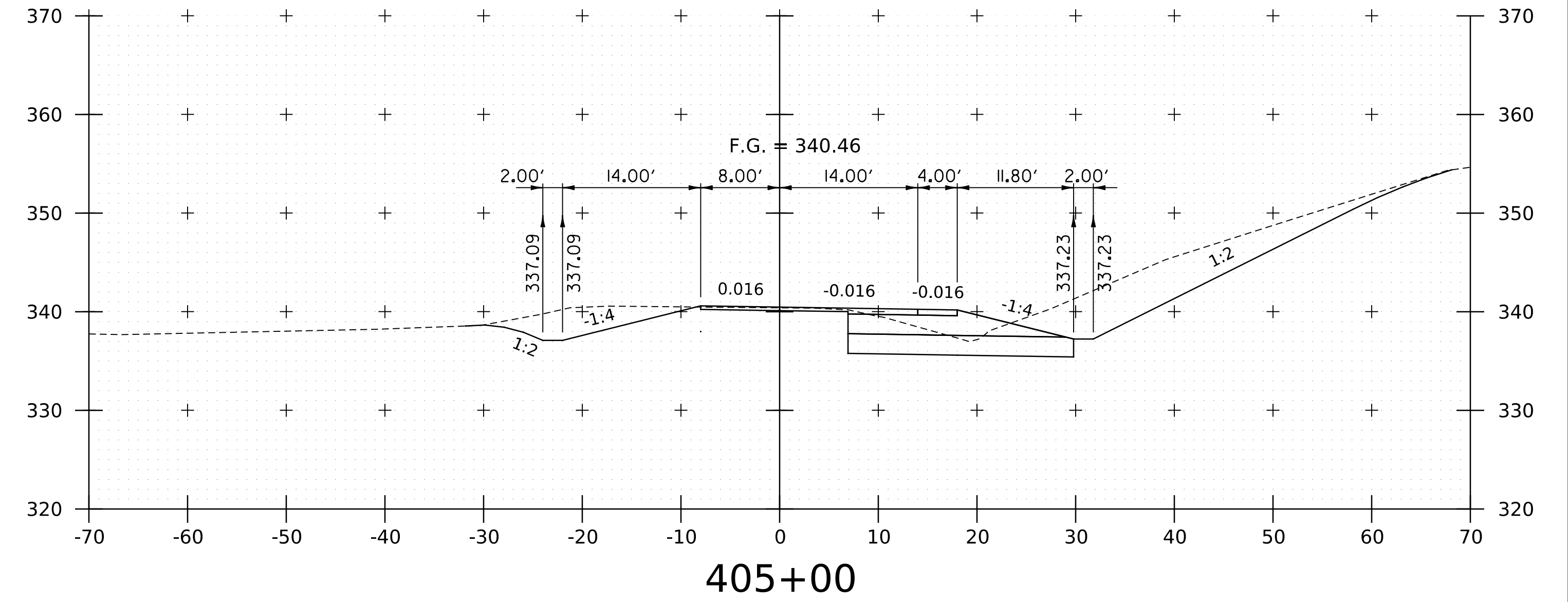
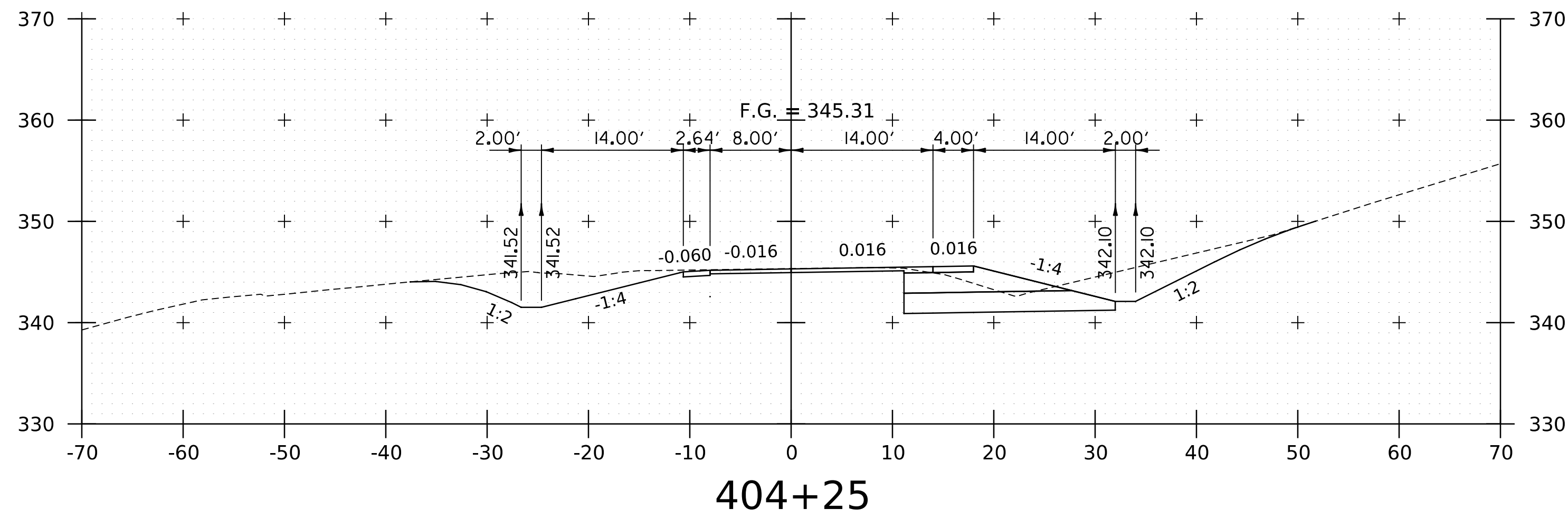


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PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.I-91_SB_On_Ramp.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
I-91SB ON RAMP CROSS SECTIONS 3	
PLOT DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	C. HELMICK
SHEET	280 OF 439



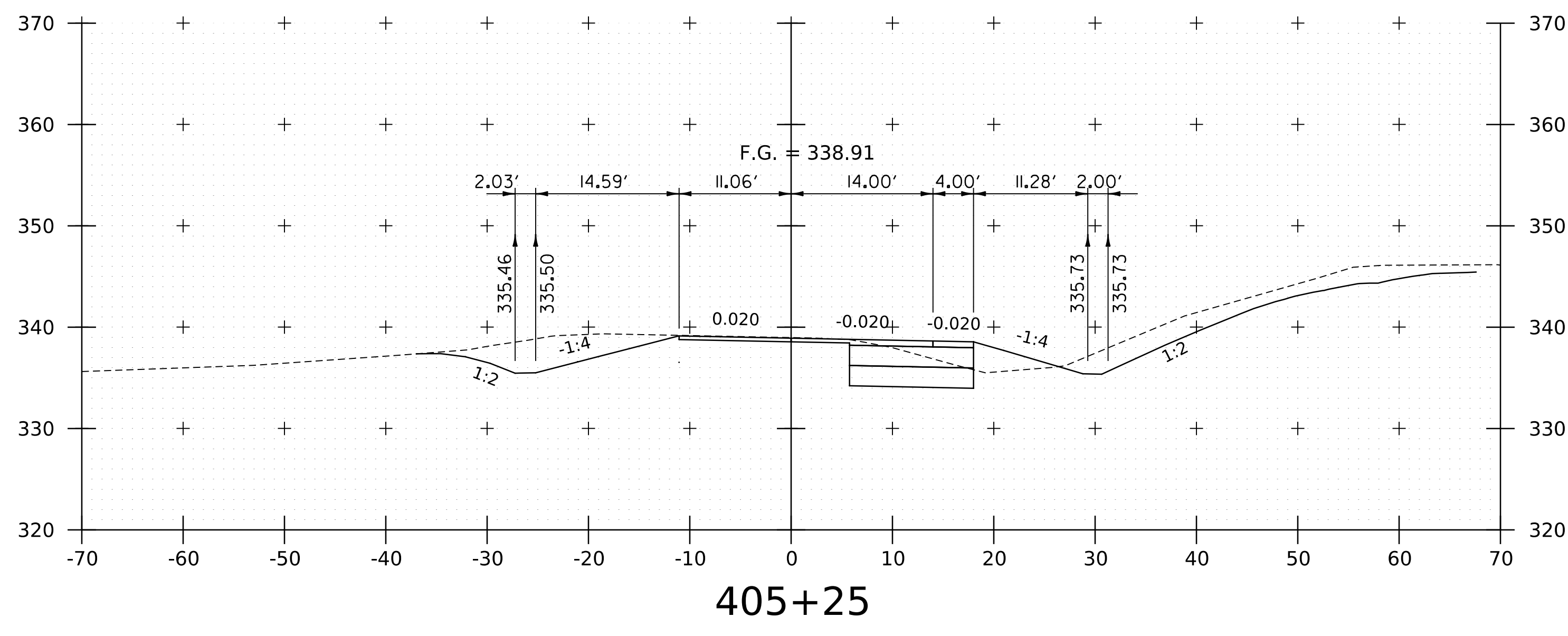
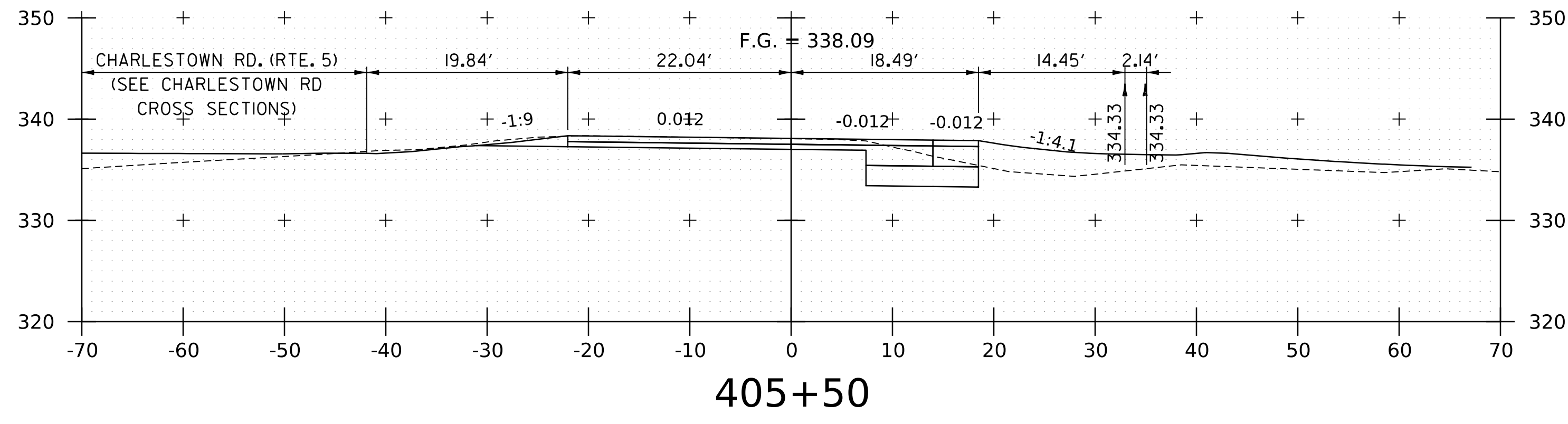
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs.1.91_SB_On_Ramp.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	C. HELMICK
		I-91SB ON RAMP CROSS SECTIONS 4		SHEET	281 OF 439



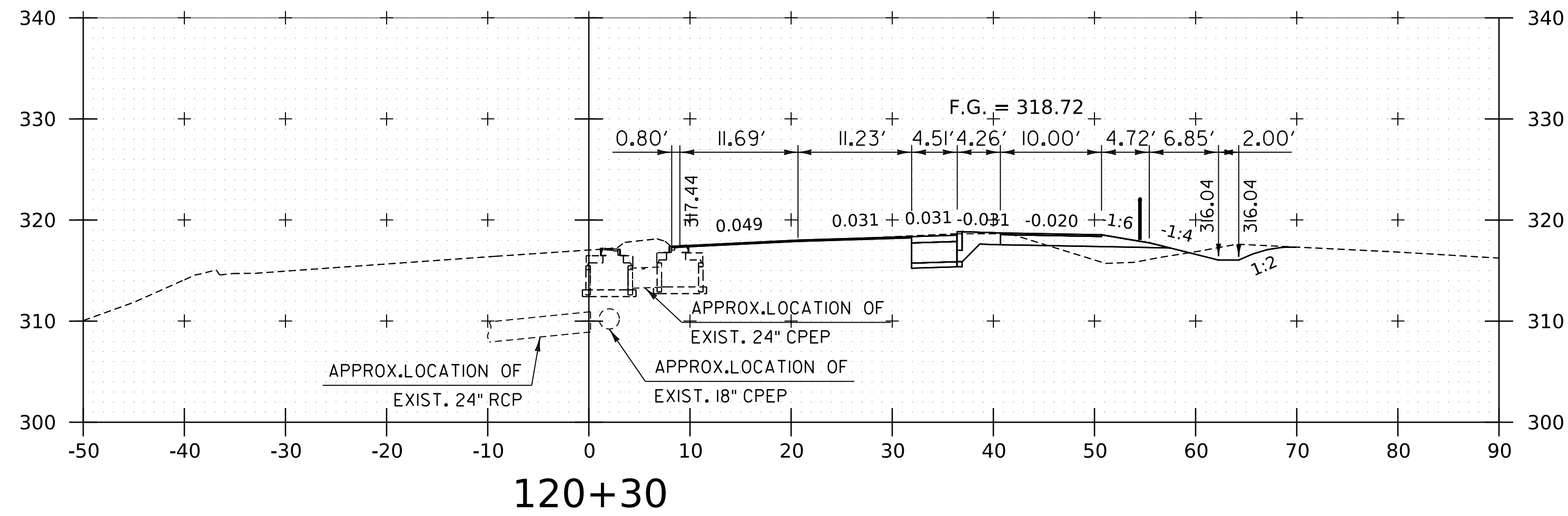
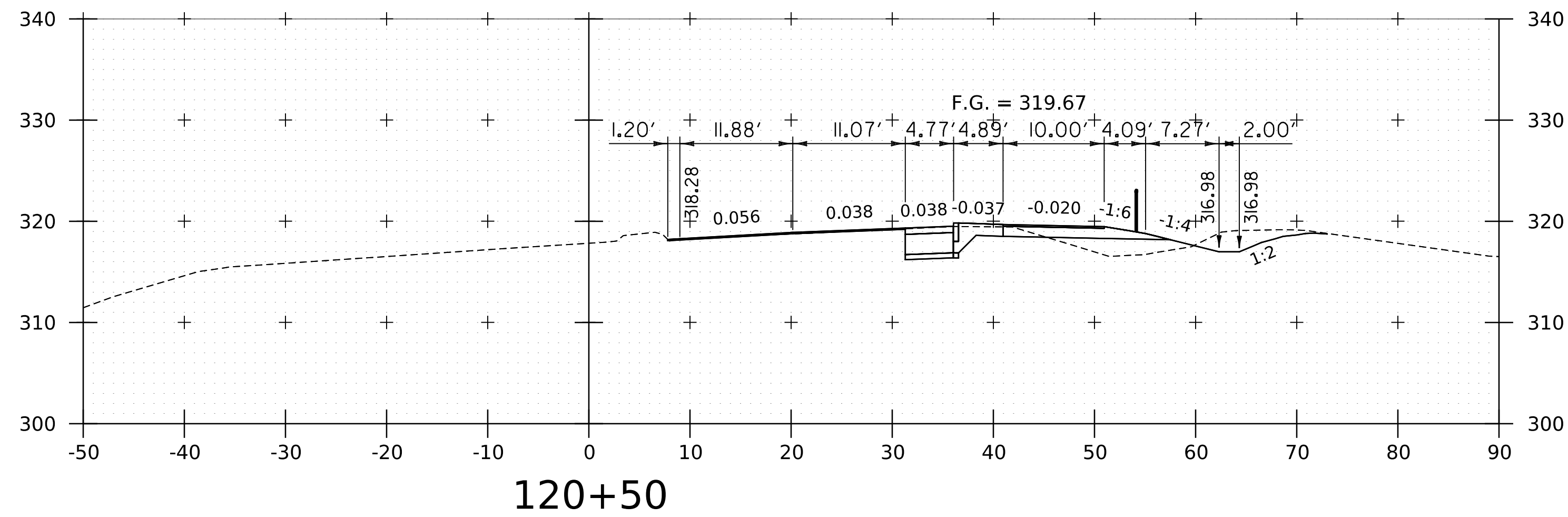
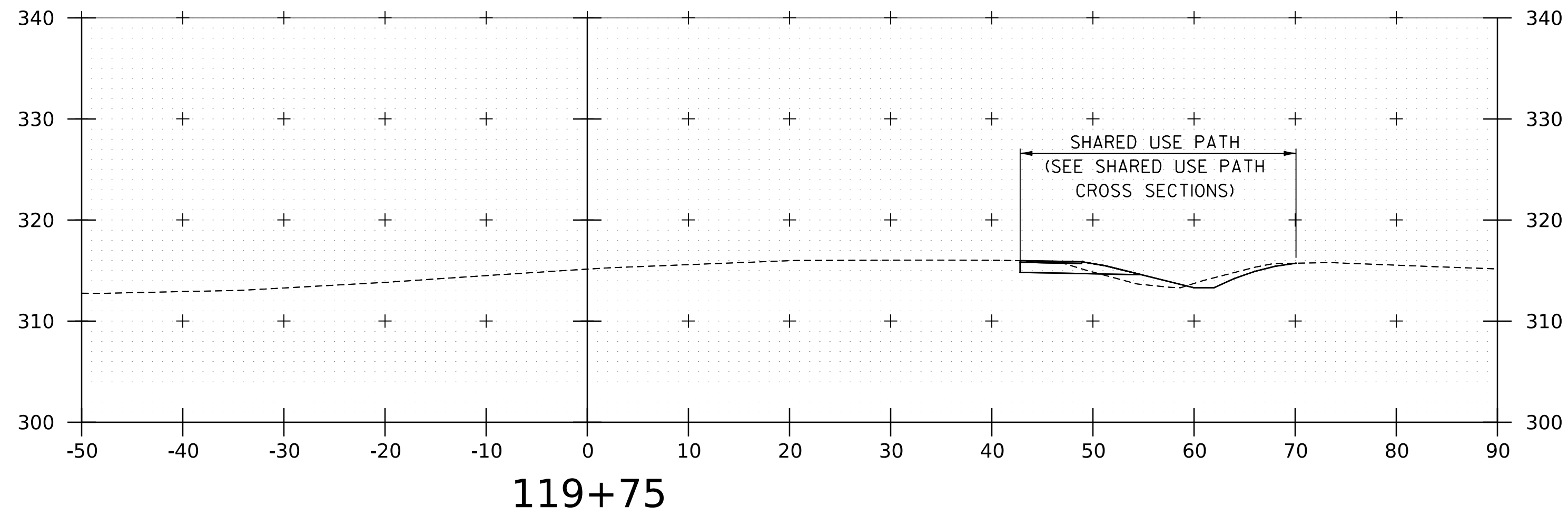
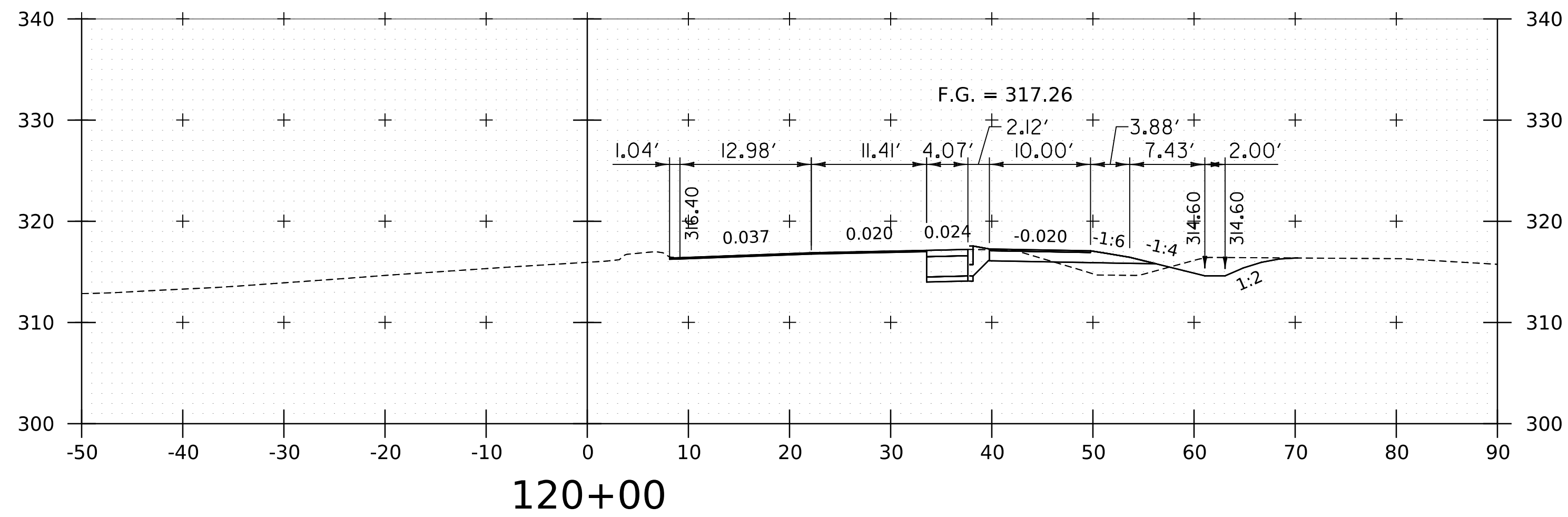
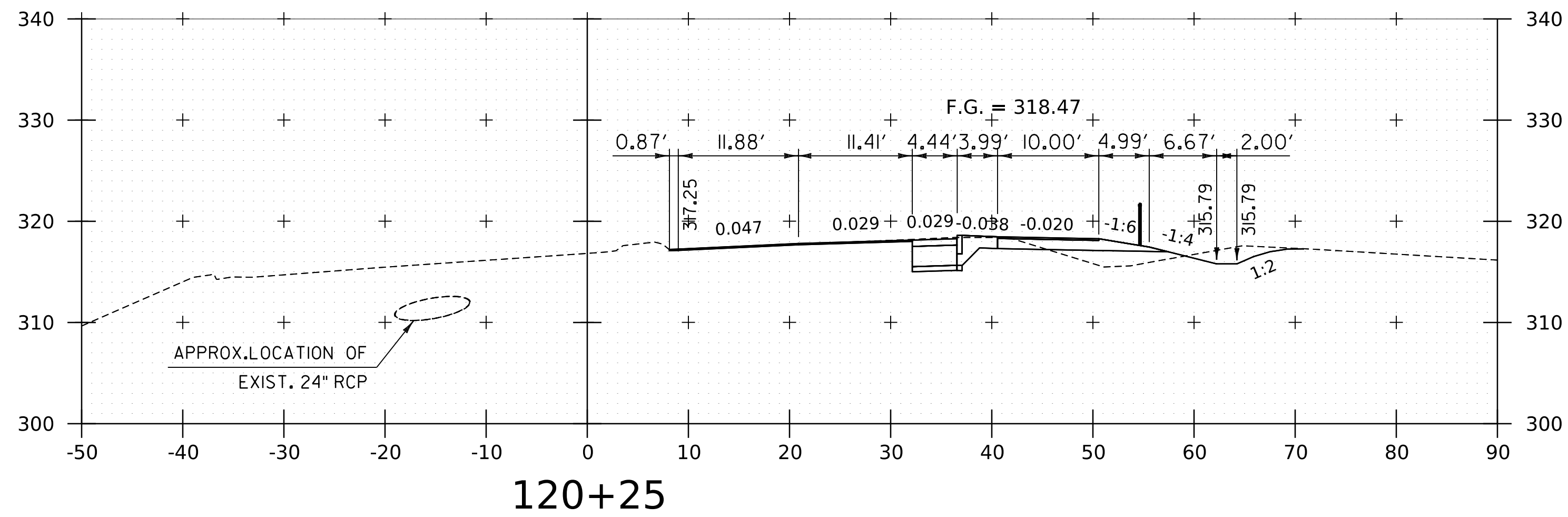
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	P. MCKECHNIE
FILE NAME:	z12a574xs.1.91_SB_On_Ramp.dgn	CHECKED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	SHEET	282 OF 439
DESIGNED BY:	P. MCKECHNIE		
I-91SB ON RAMP CROSS SECTIONS 5			



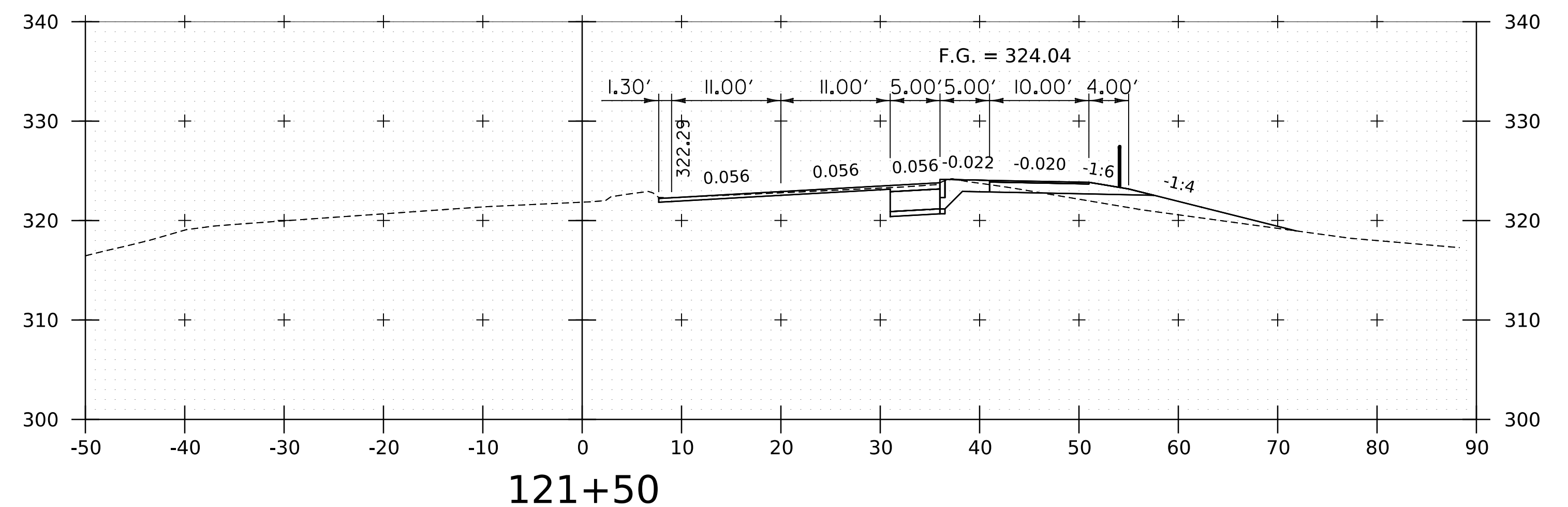
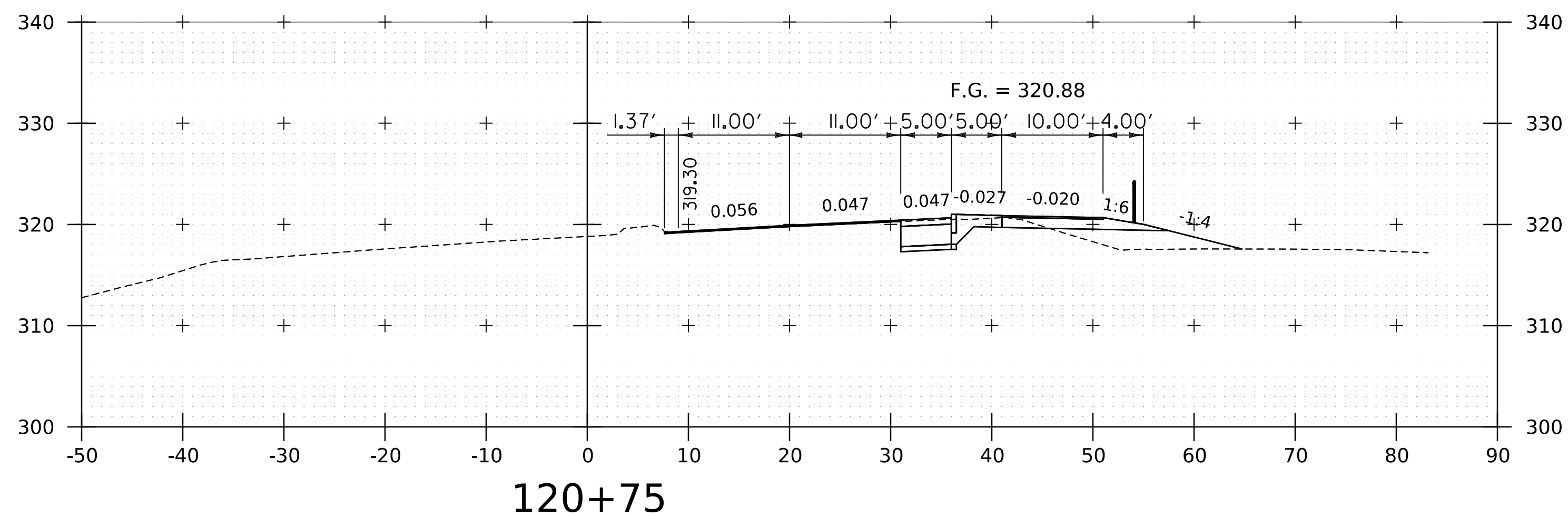
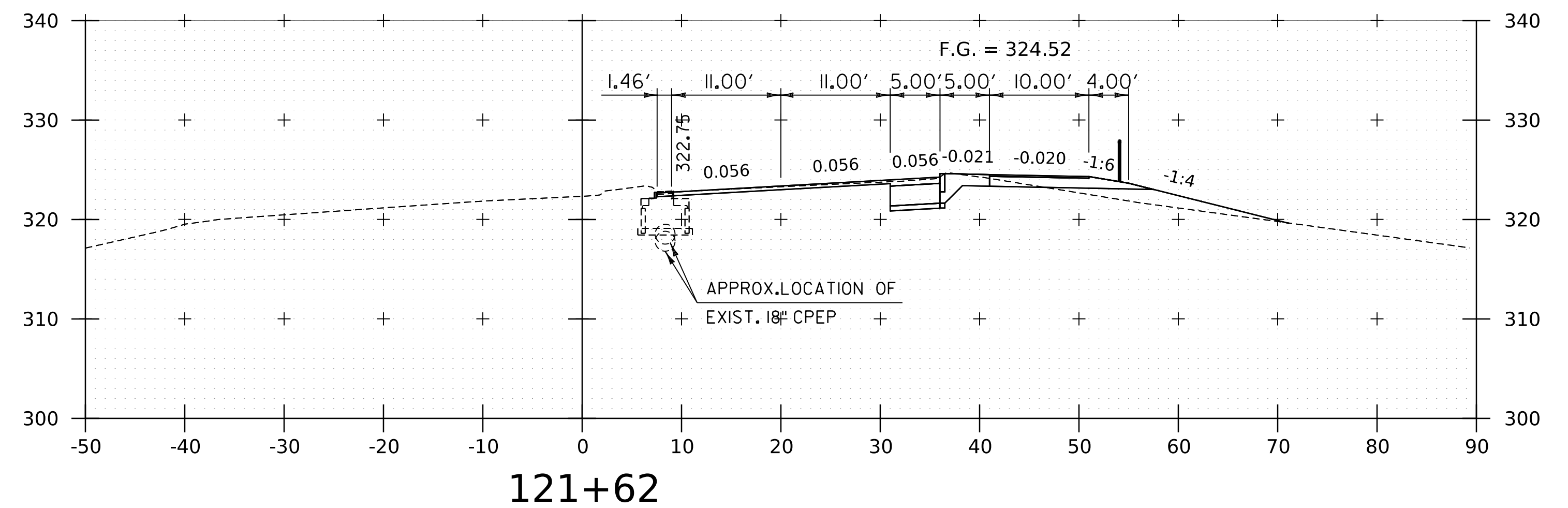
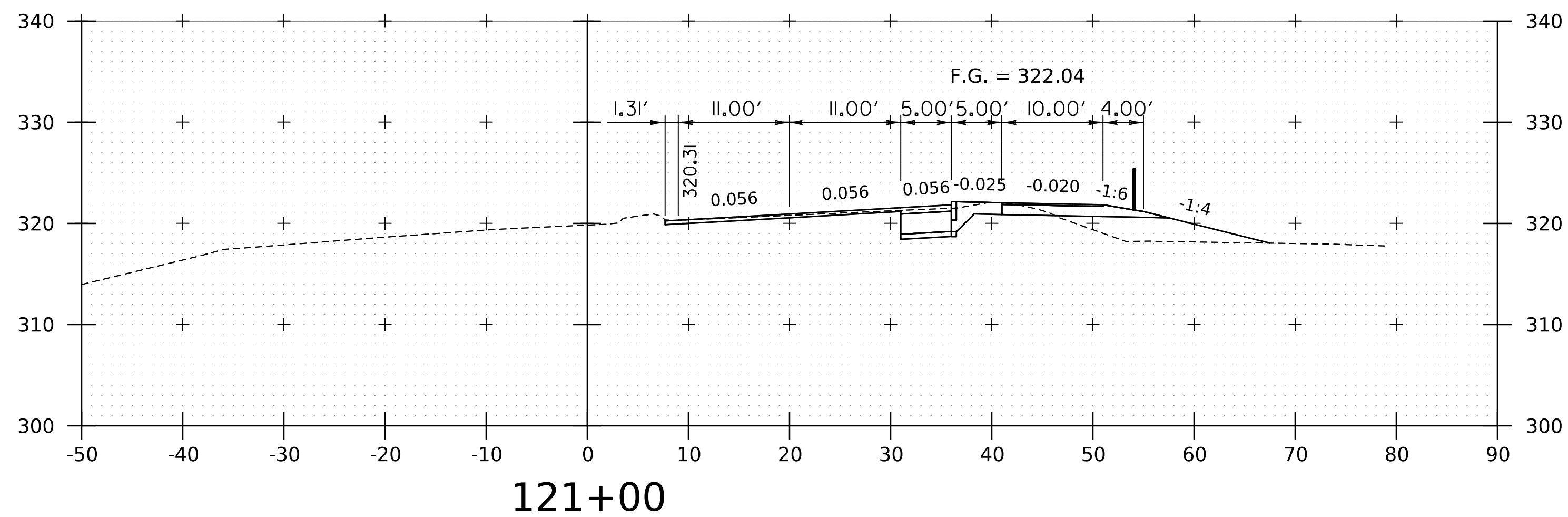
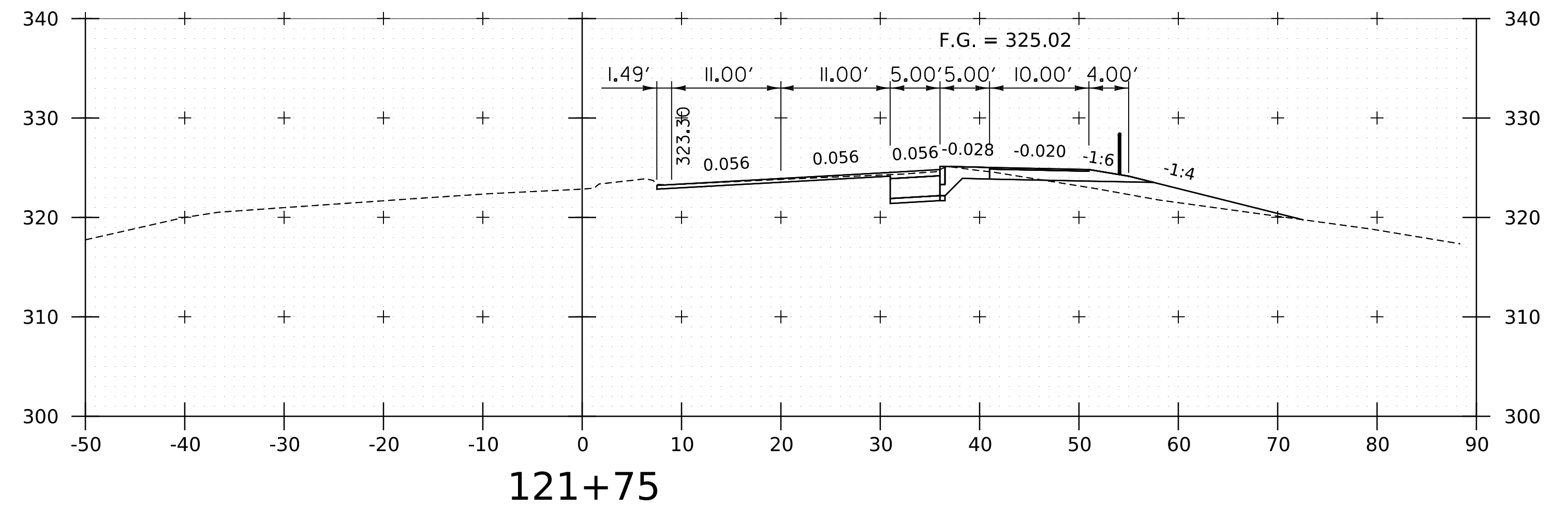
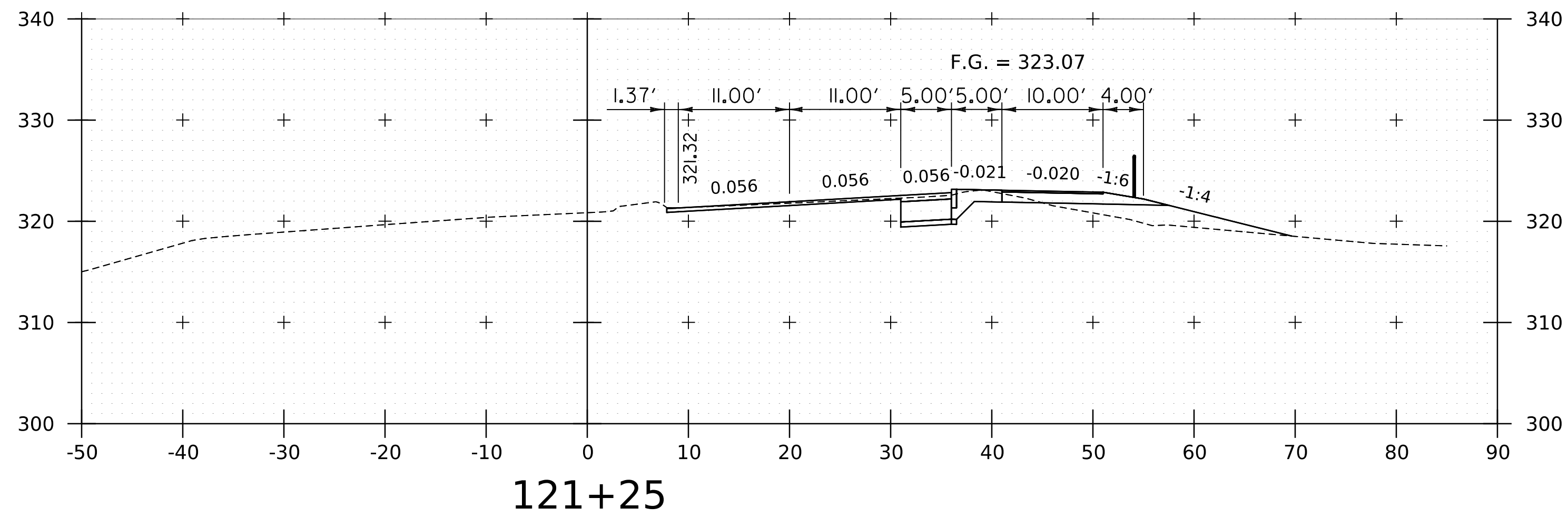
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 1			SHEET 283 OF 439



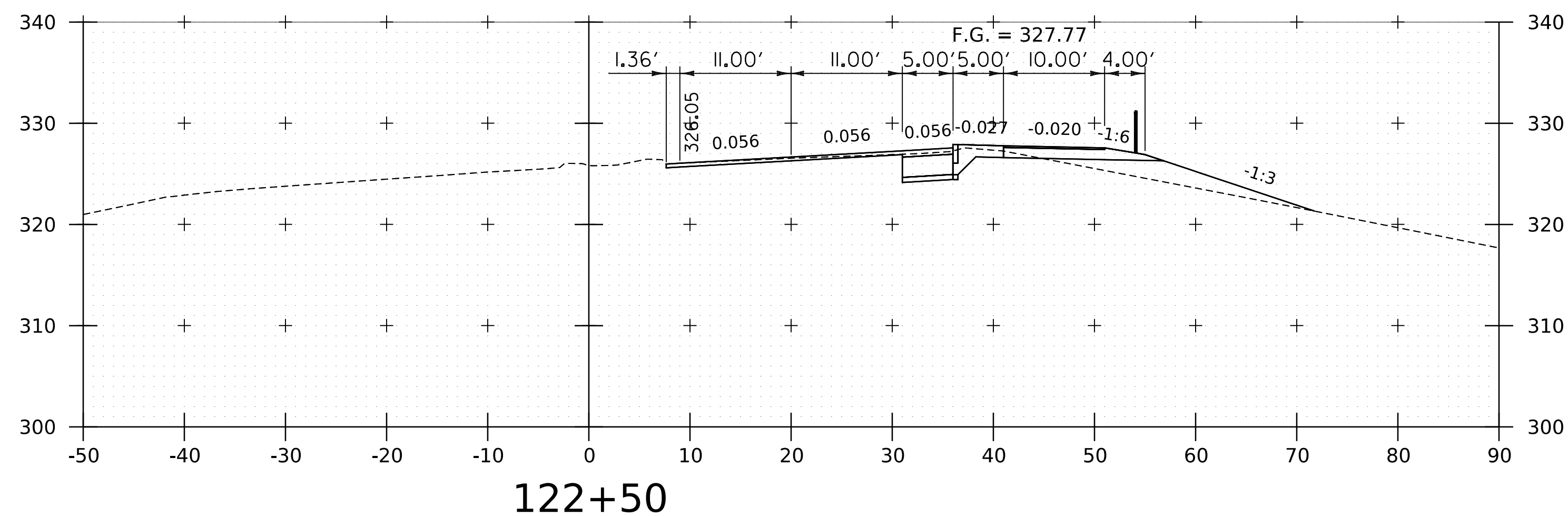
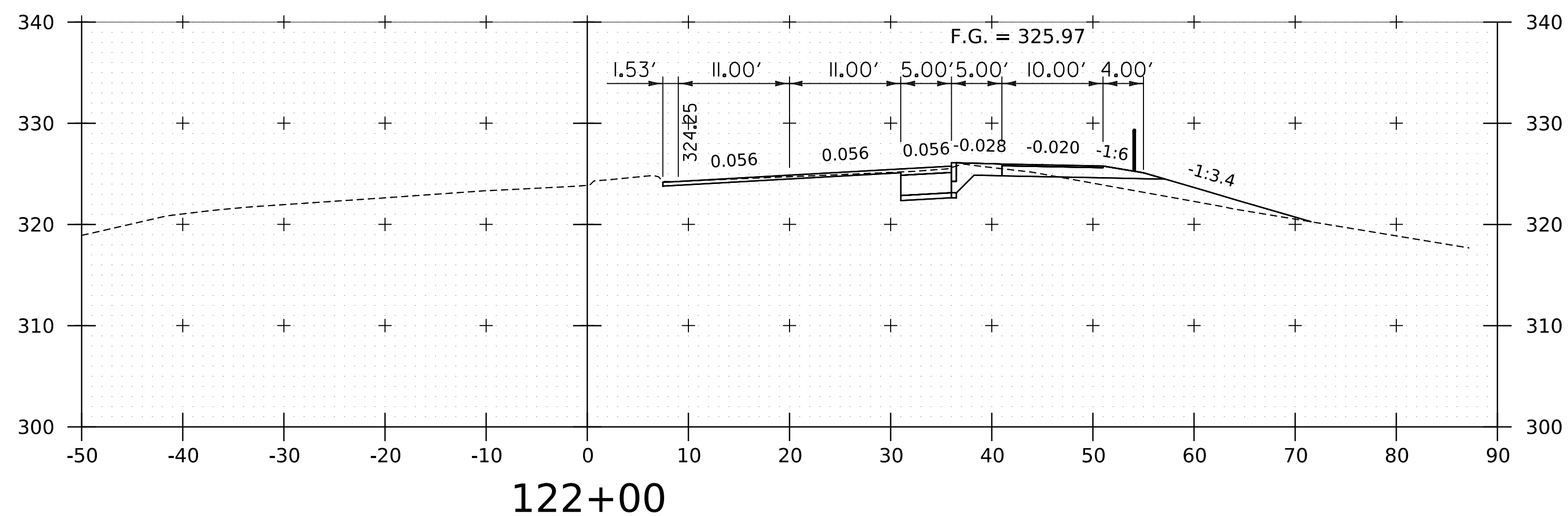
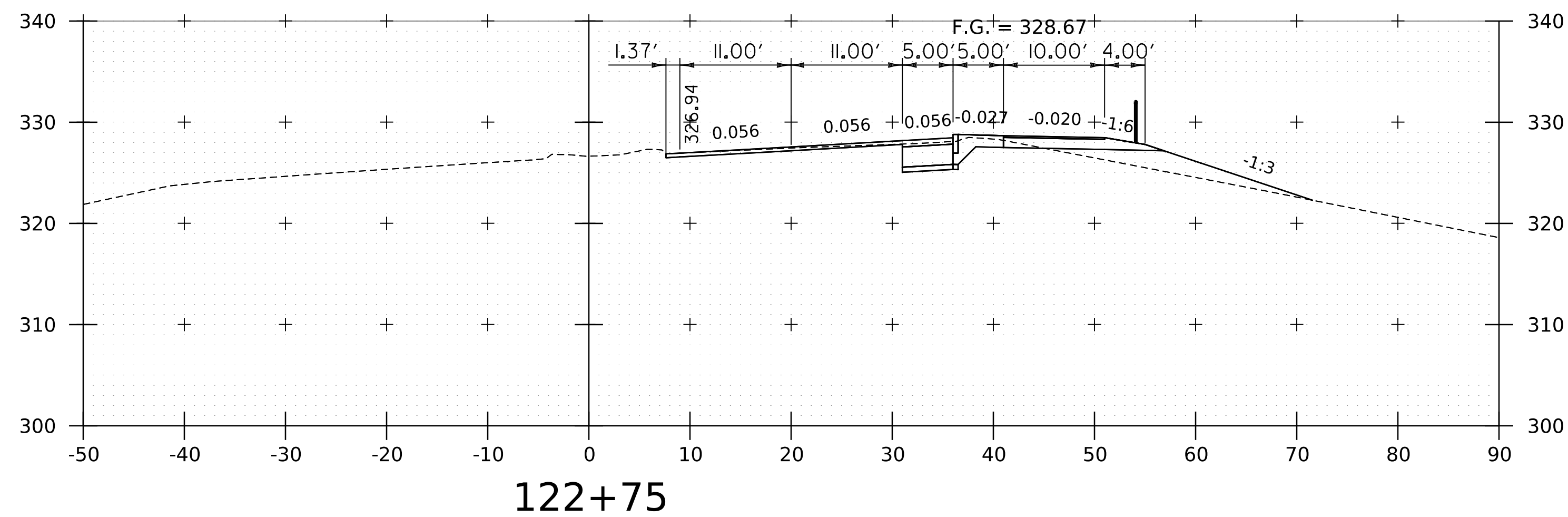
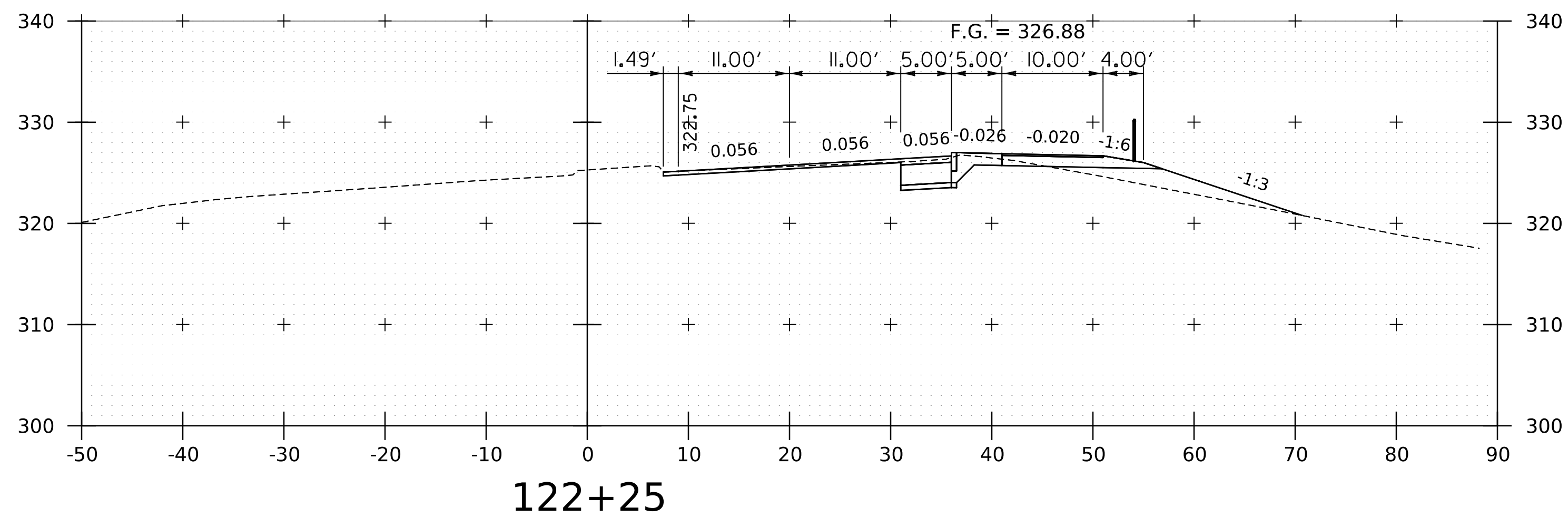
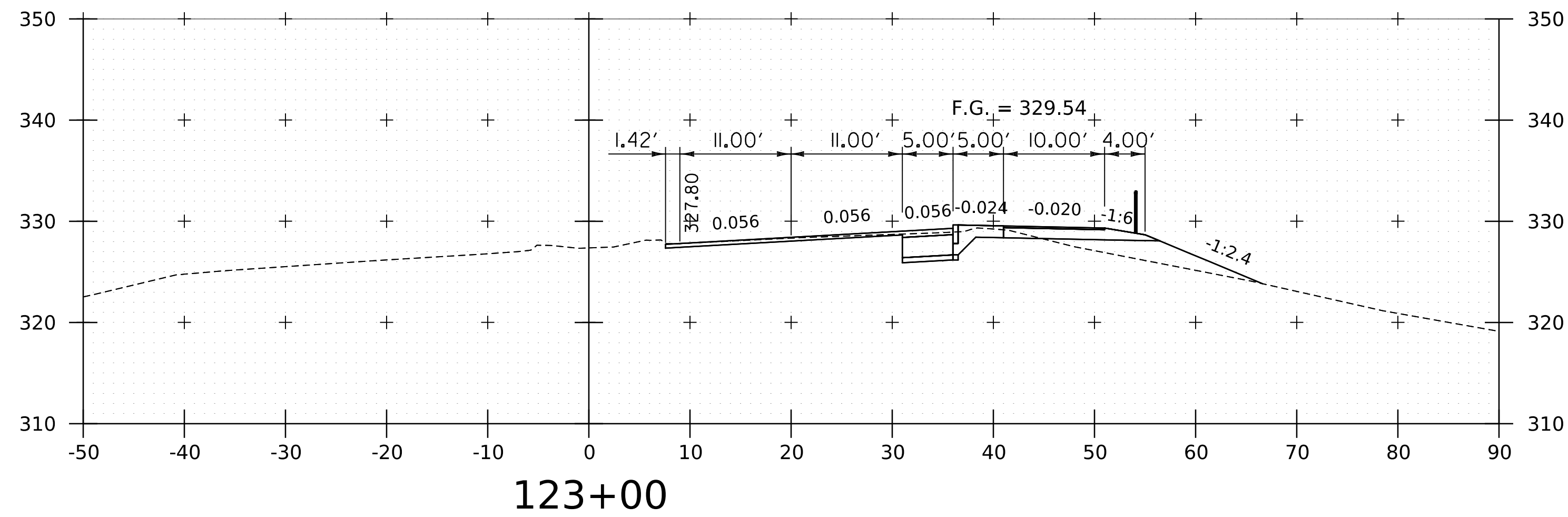
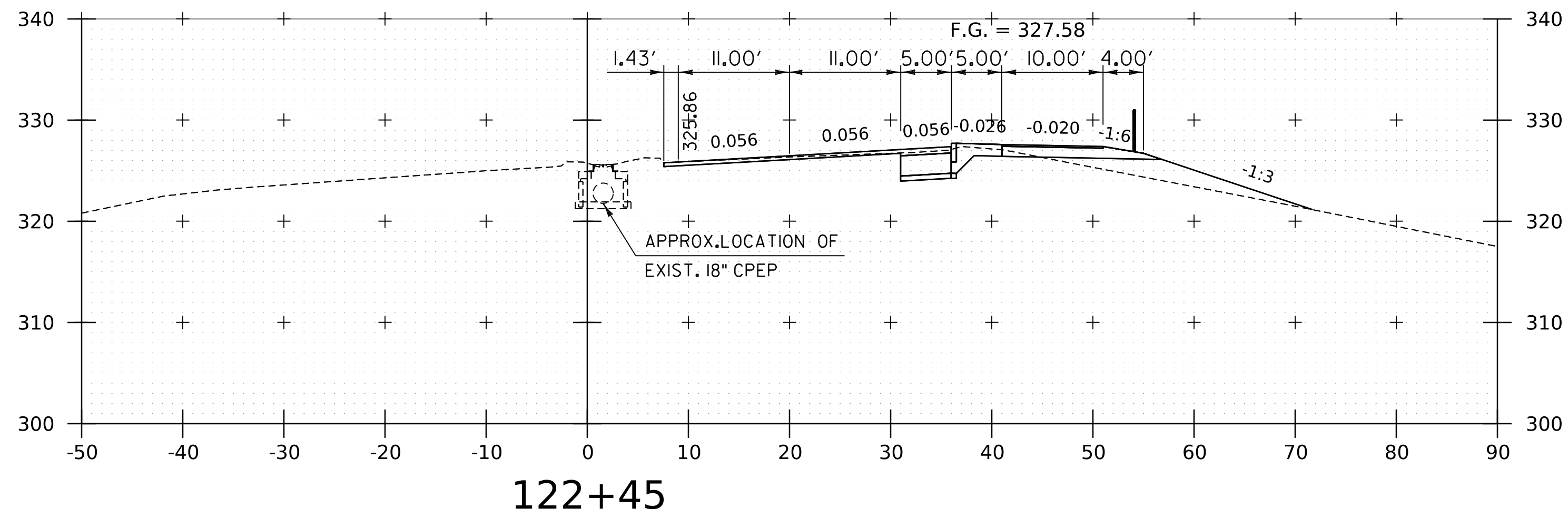
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	284 OF 439
DESIGNED BY:	C. HELMICK		
ROUTE 5 CROSS SECTIONS 2			



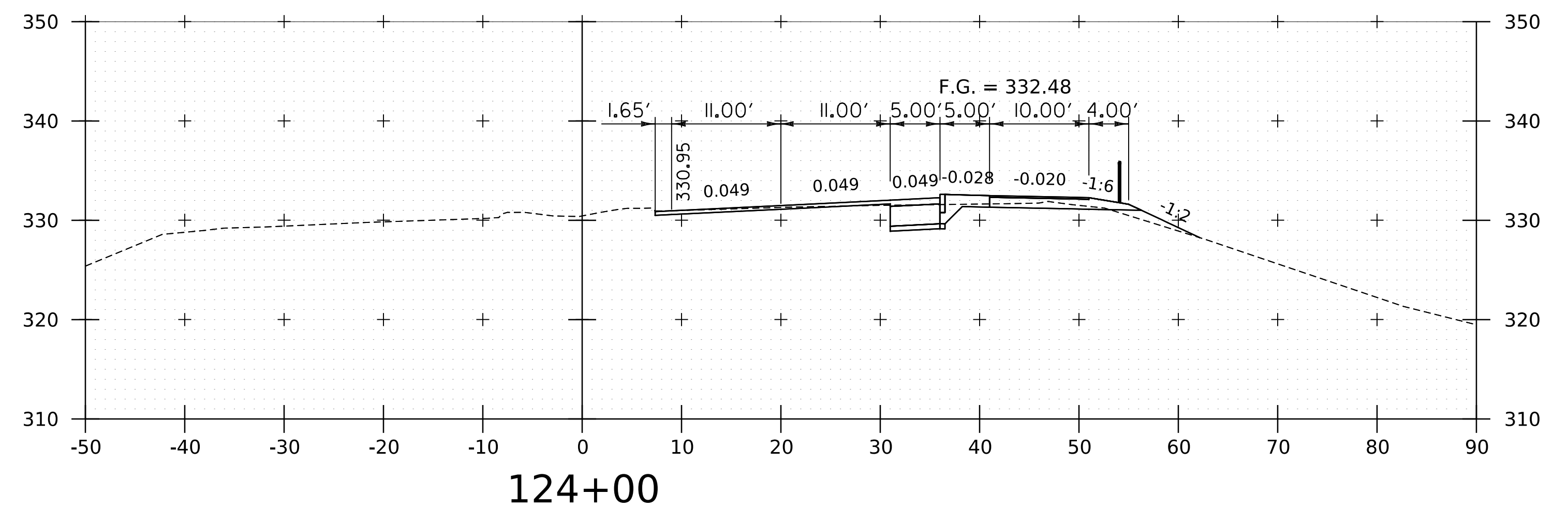
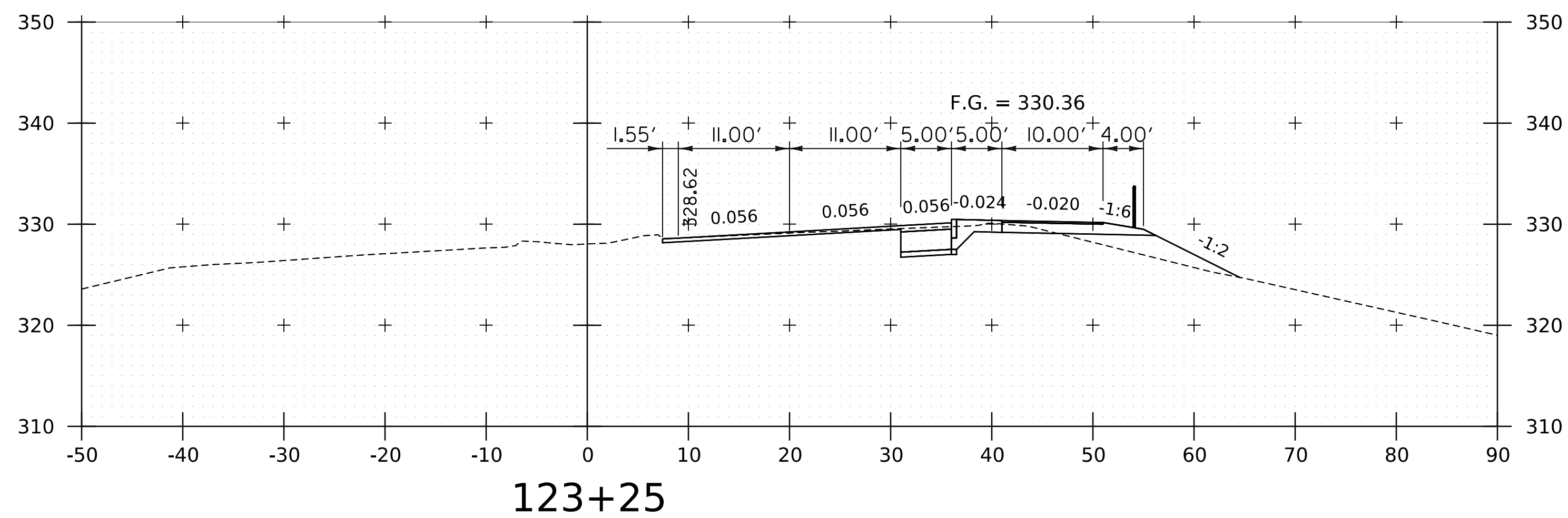
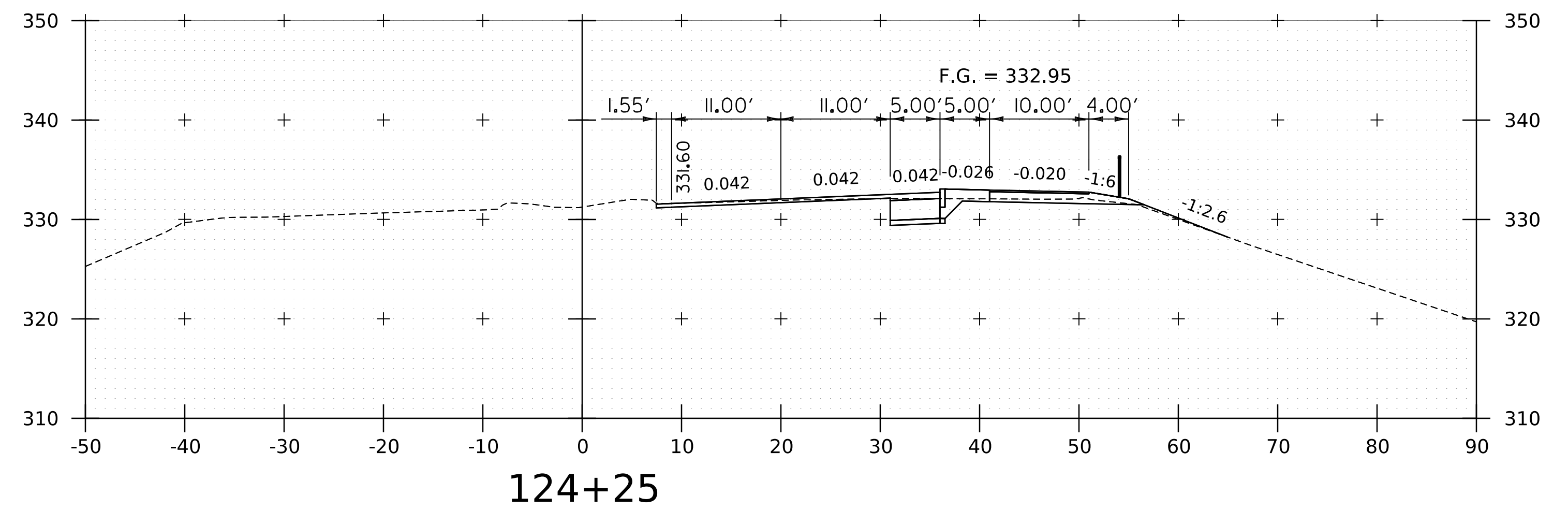
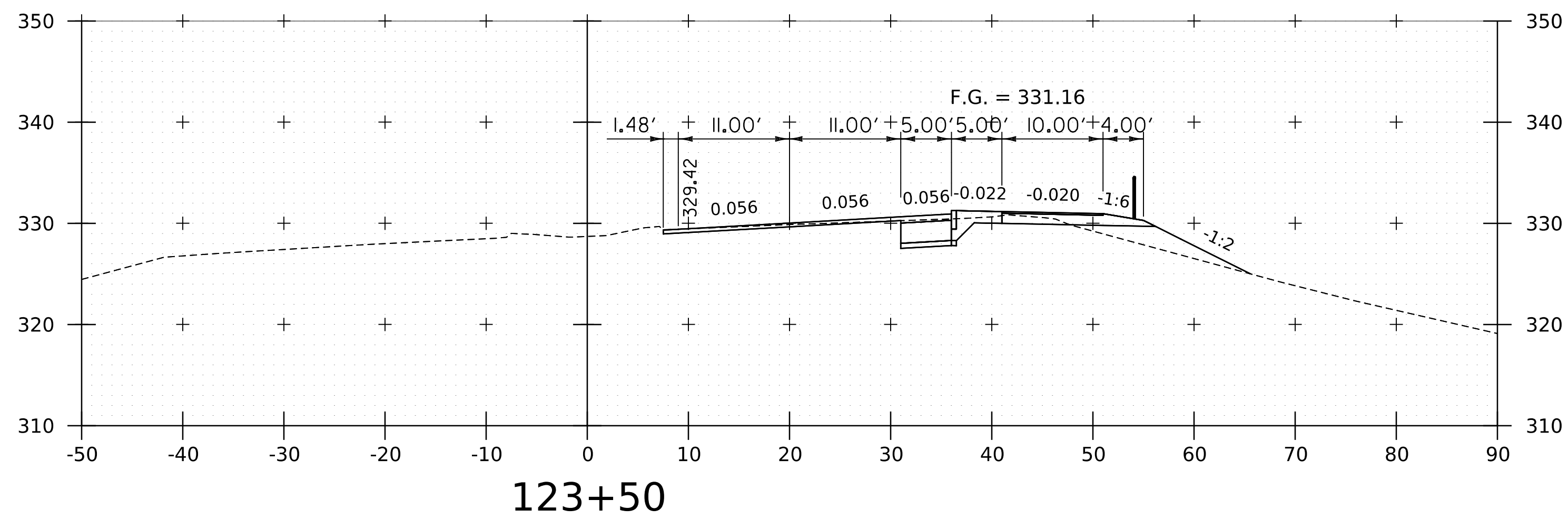
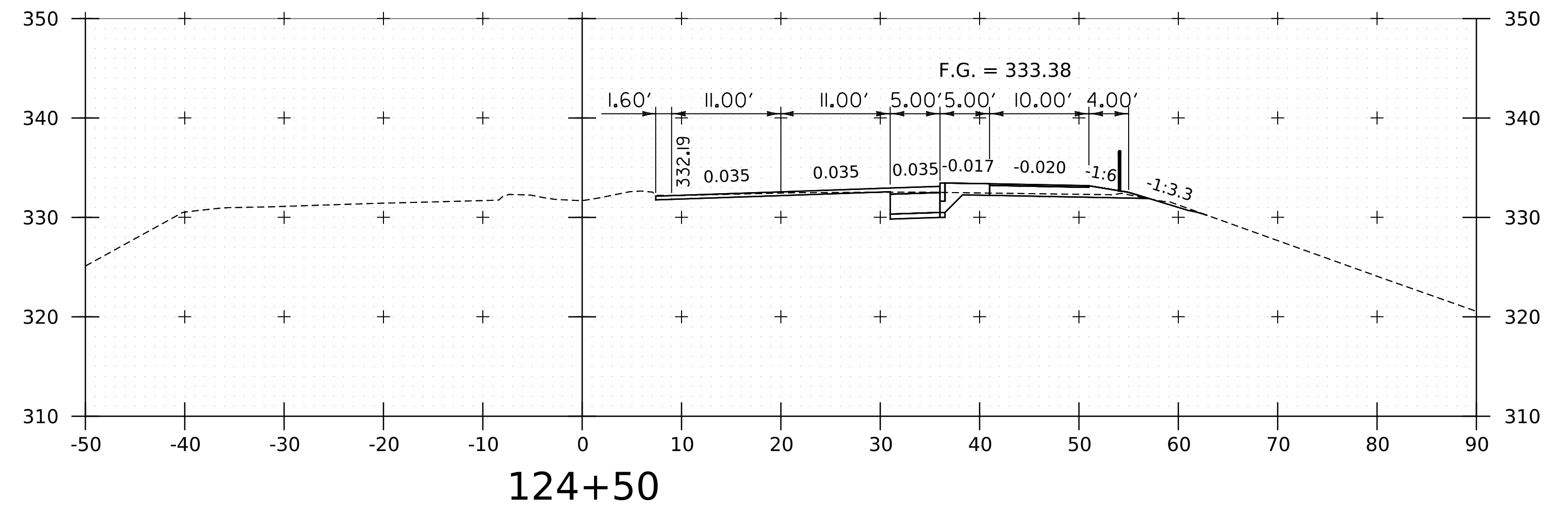
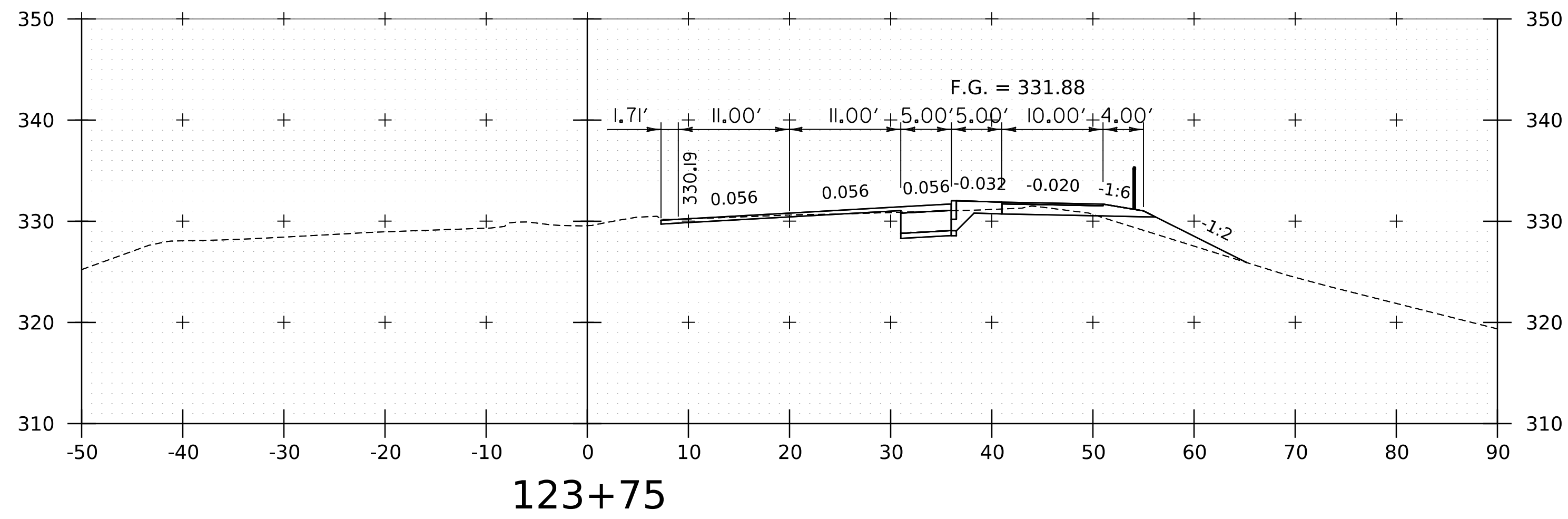
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.CharlestownRD.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 3	SHEET 285 OF 439



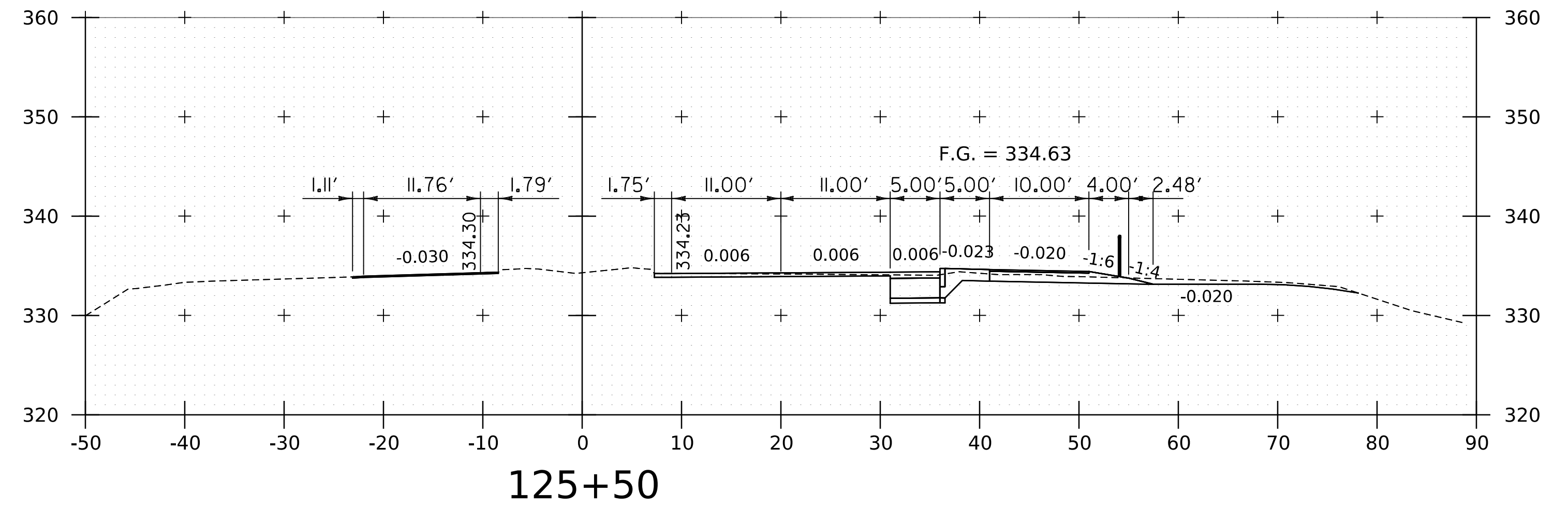
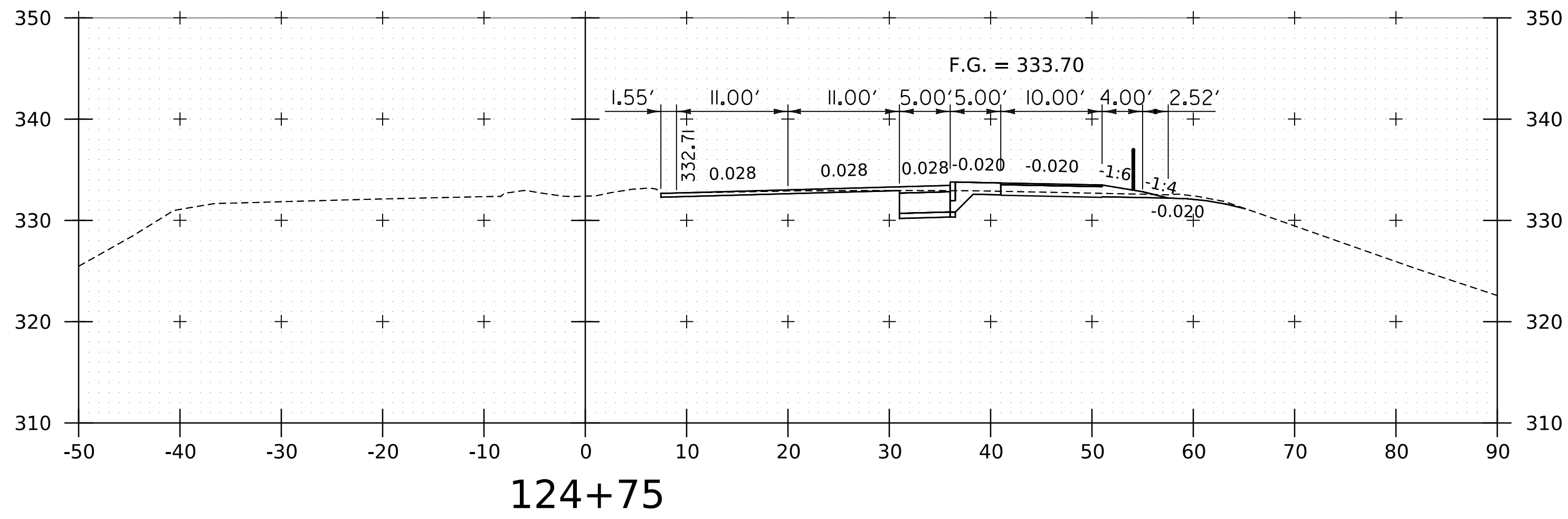
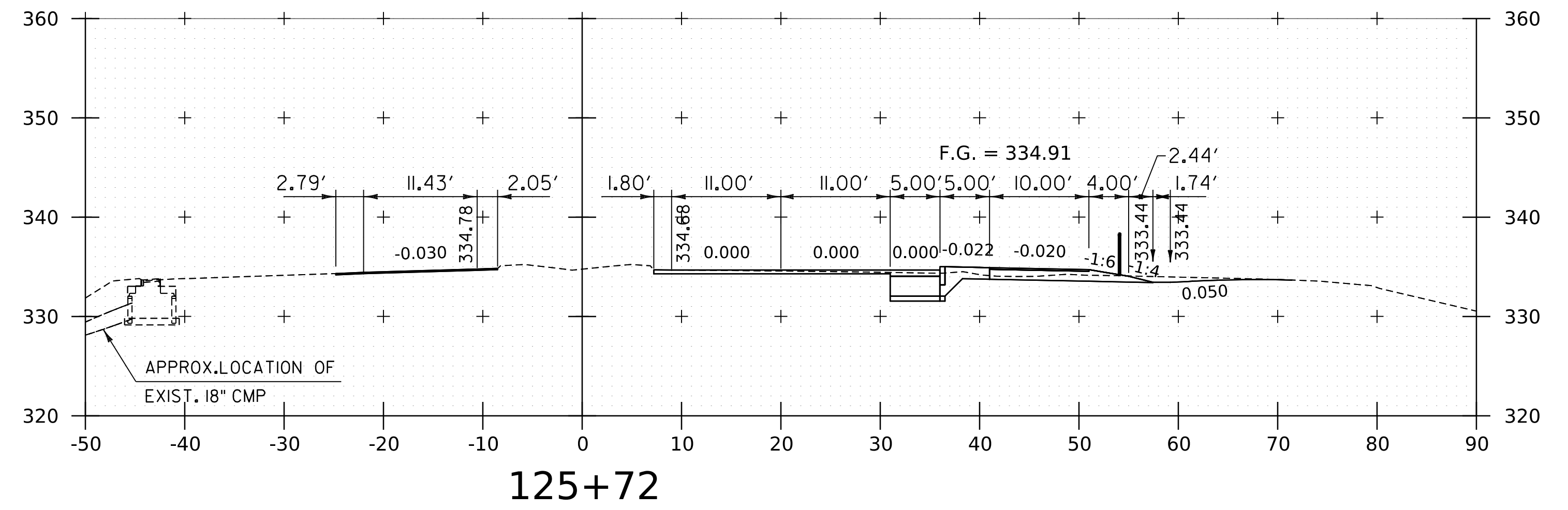
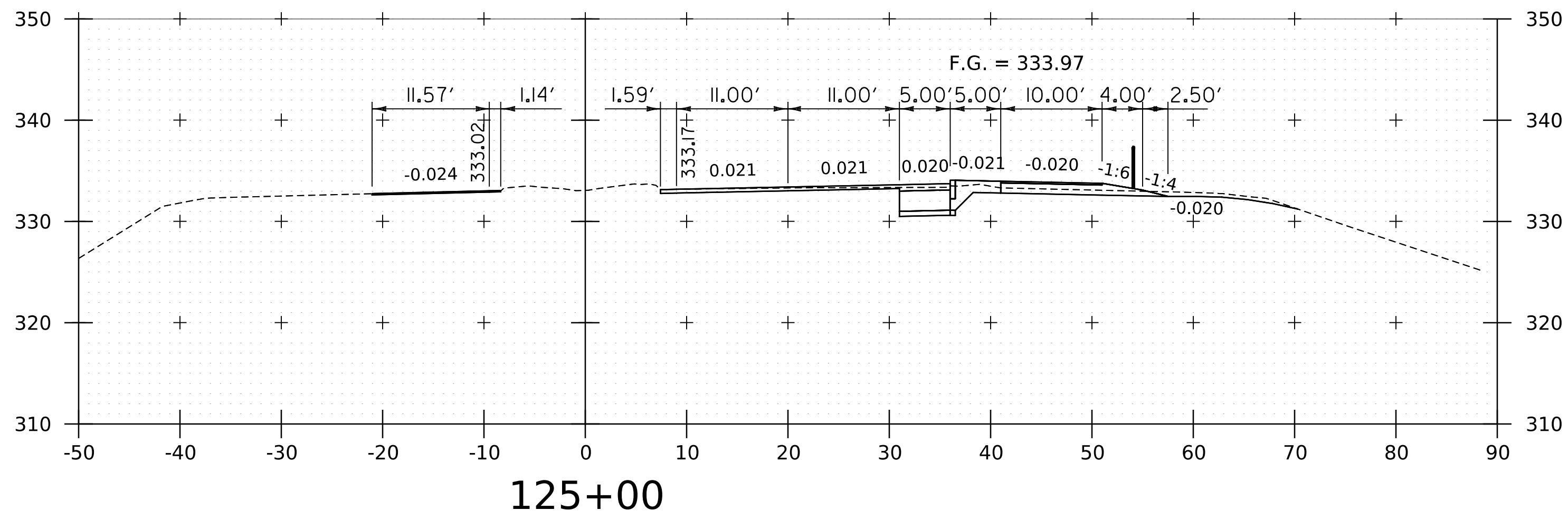
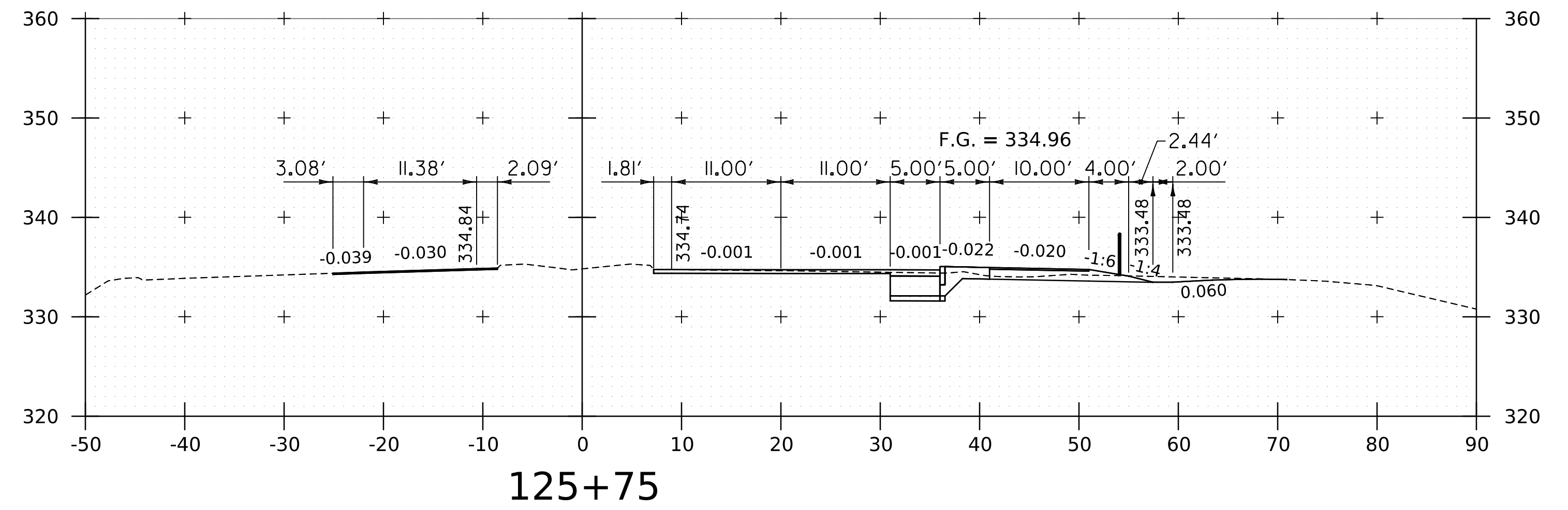
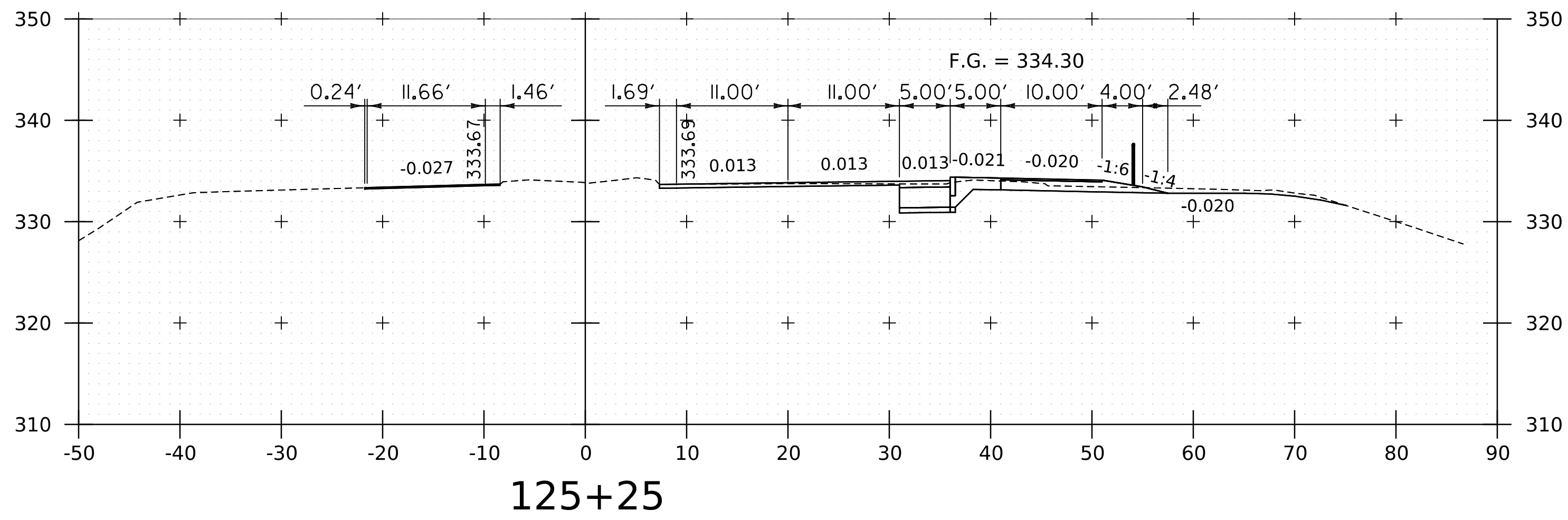
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 4	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	286 OF 439



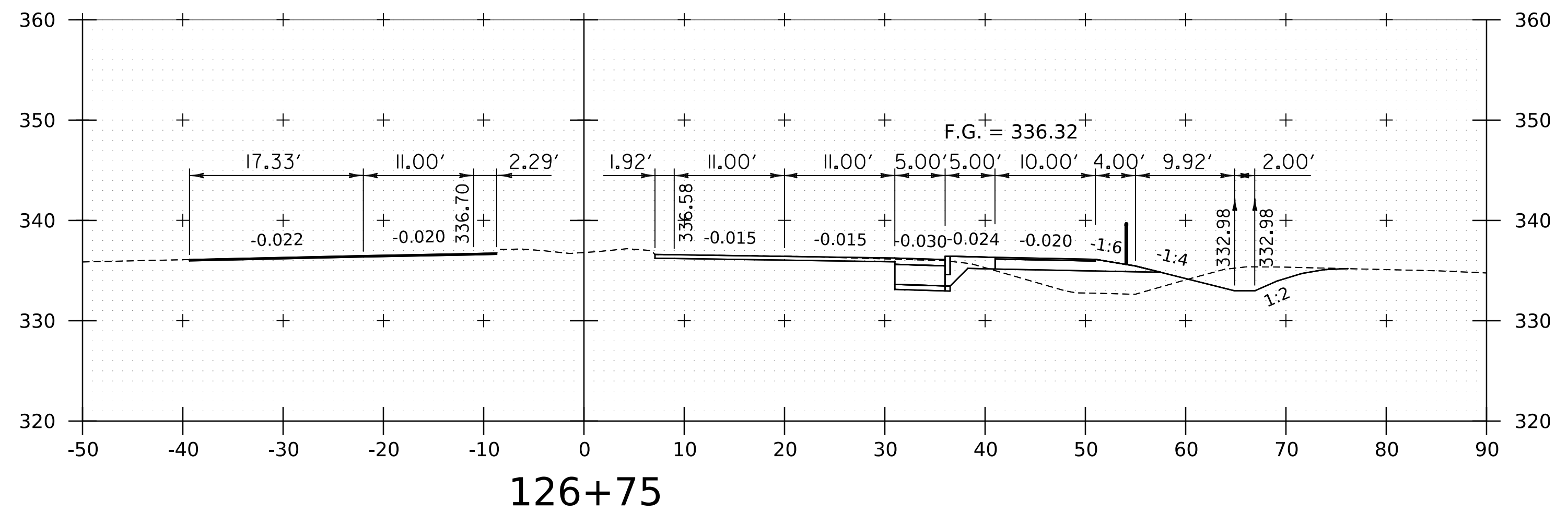
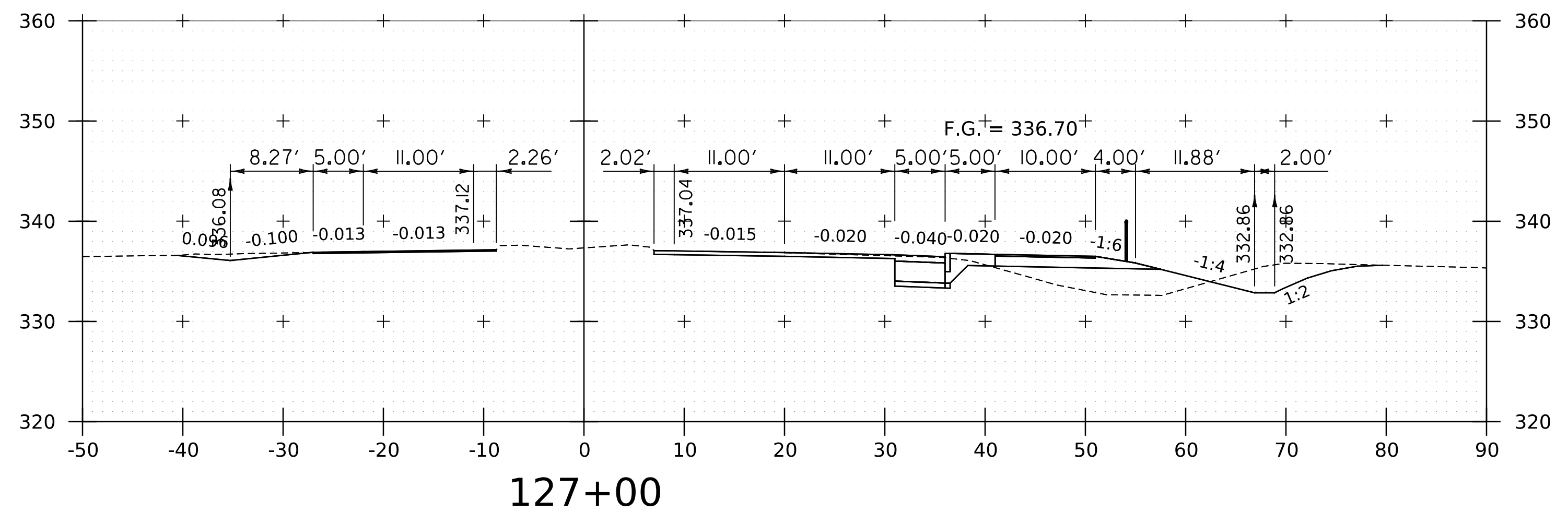
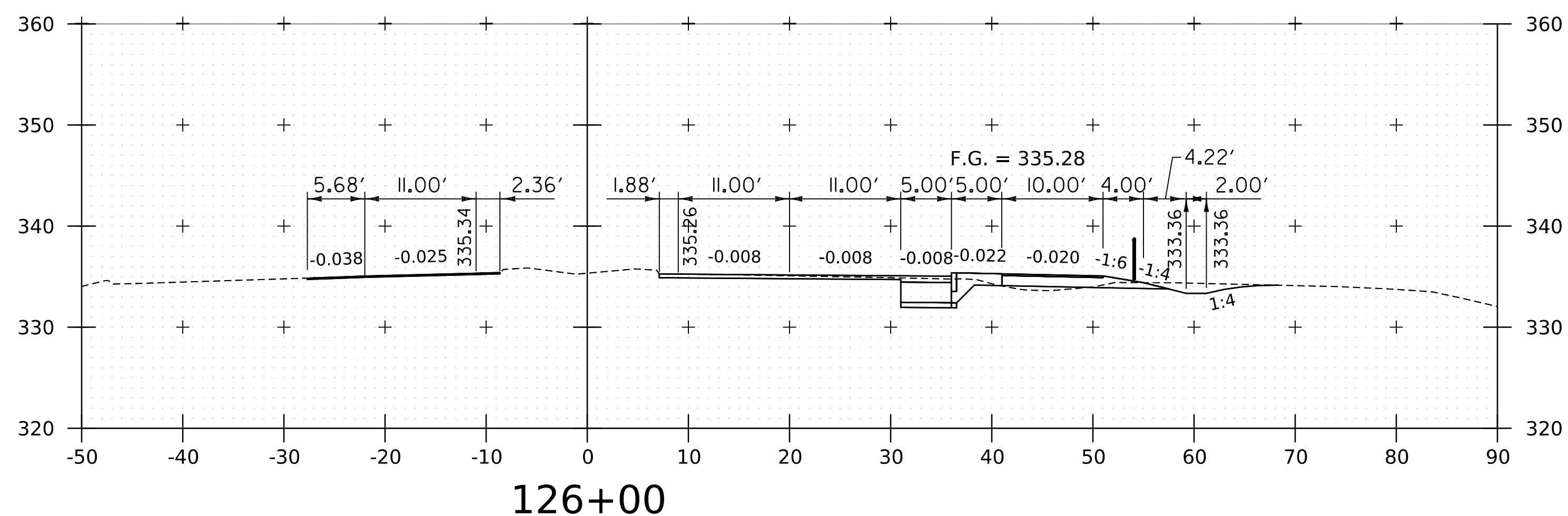
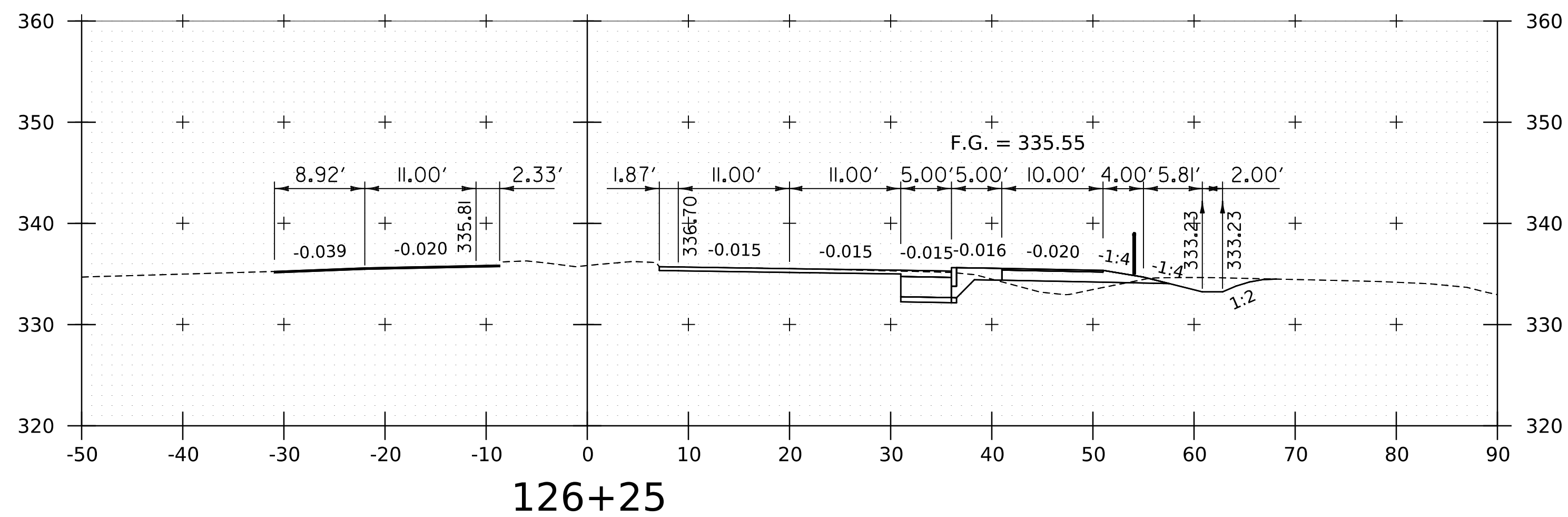
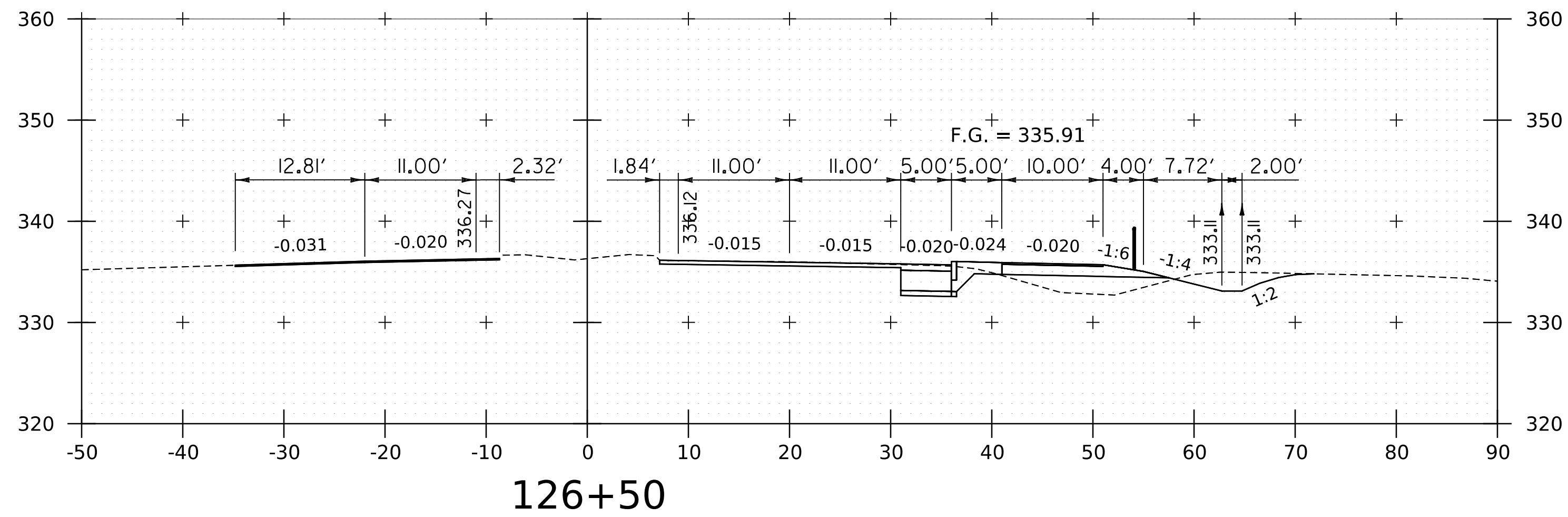
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	DESIGNED BY:	C. HELMICK
PROJECT LEADER:	J. OLUND	CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 5		SHEET	287 OF 439



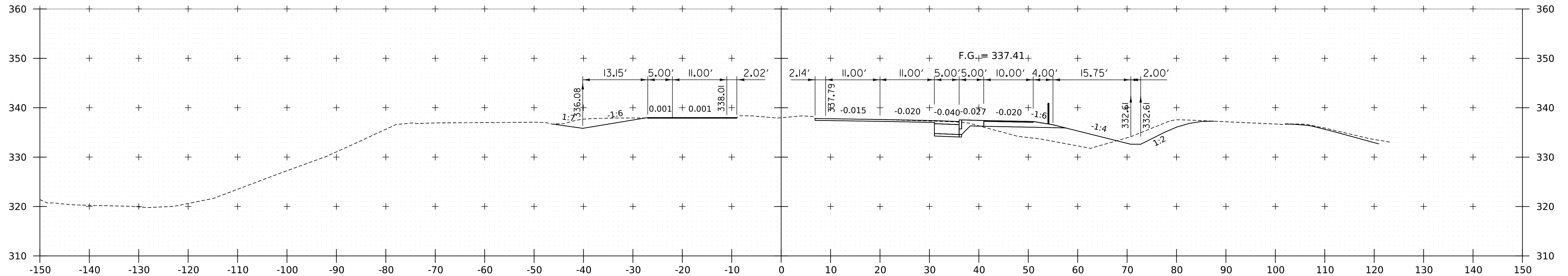
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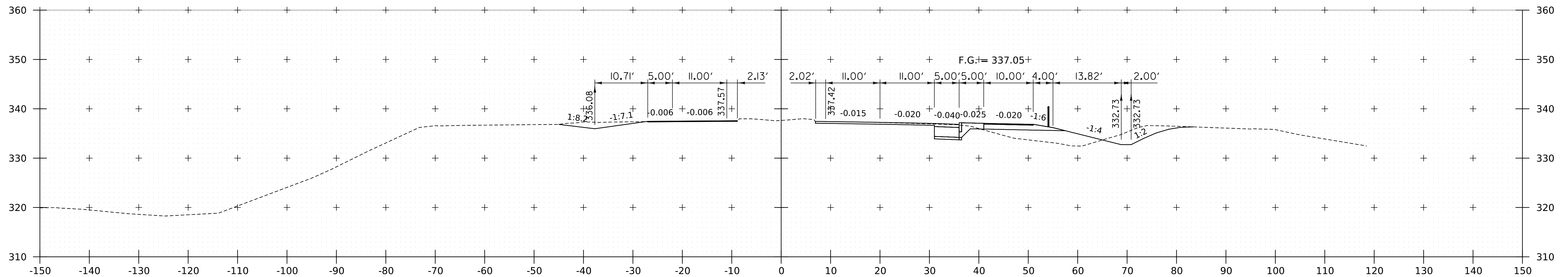
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PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 6	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	288 OF 439



WORKING PLANS FOR REFERENCE ONLY



127+50

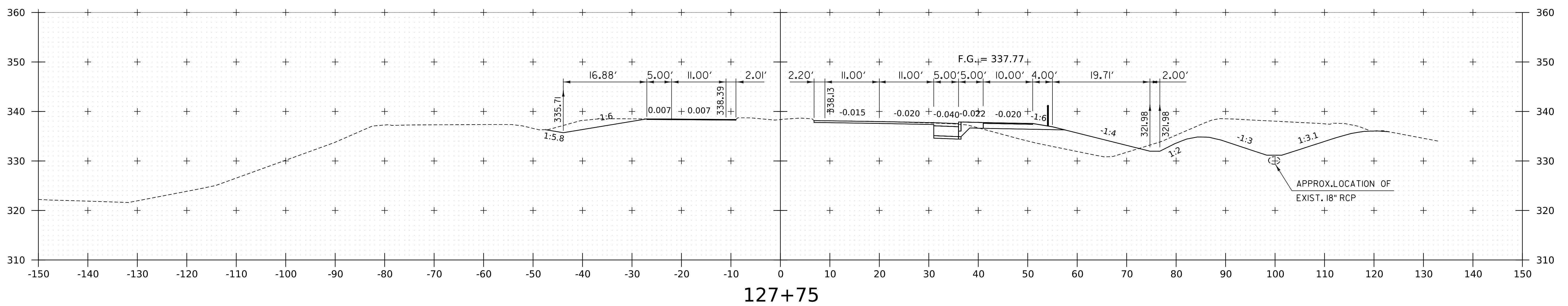
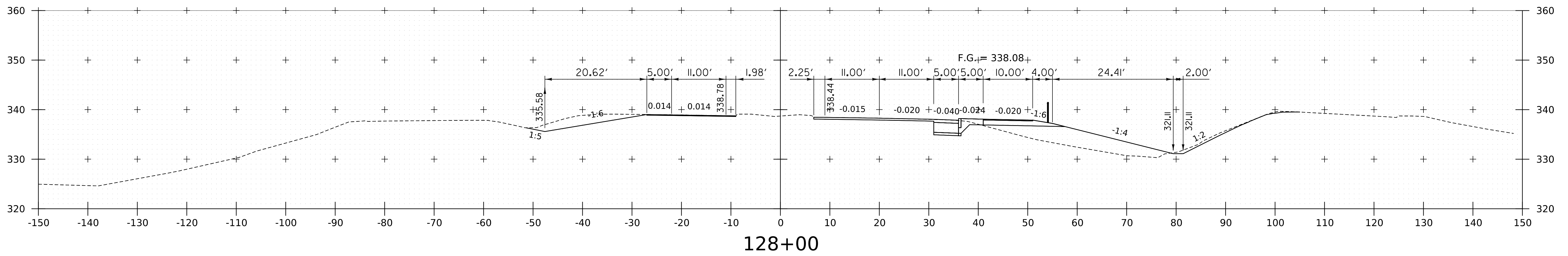
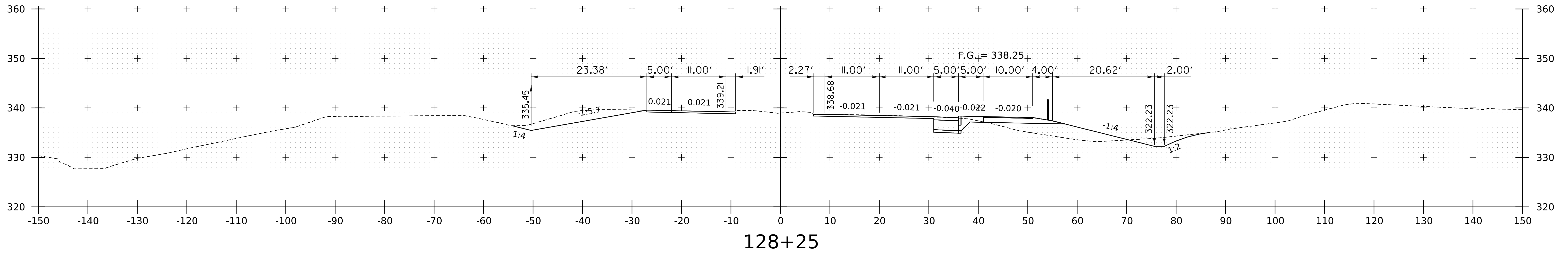


127+25

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 7	SHEET 289 OF 439
DESIGNED BY:	C. HELMICK		



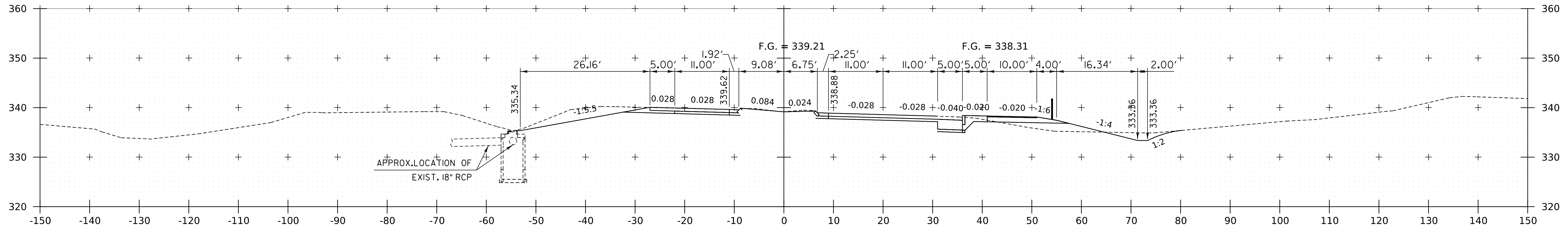
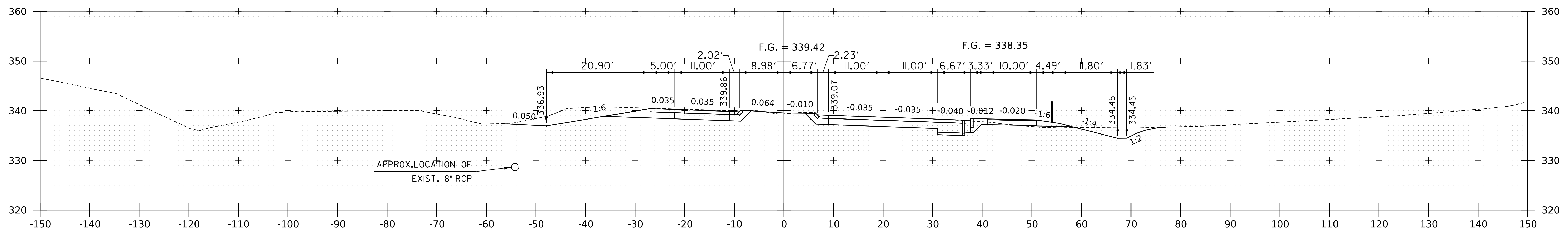
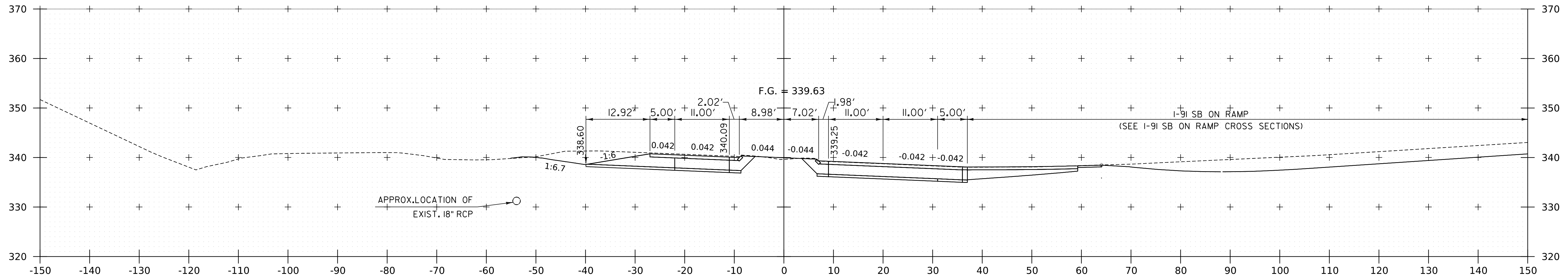
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 8	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	290 OF 439



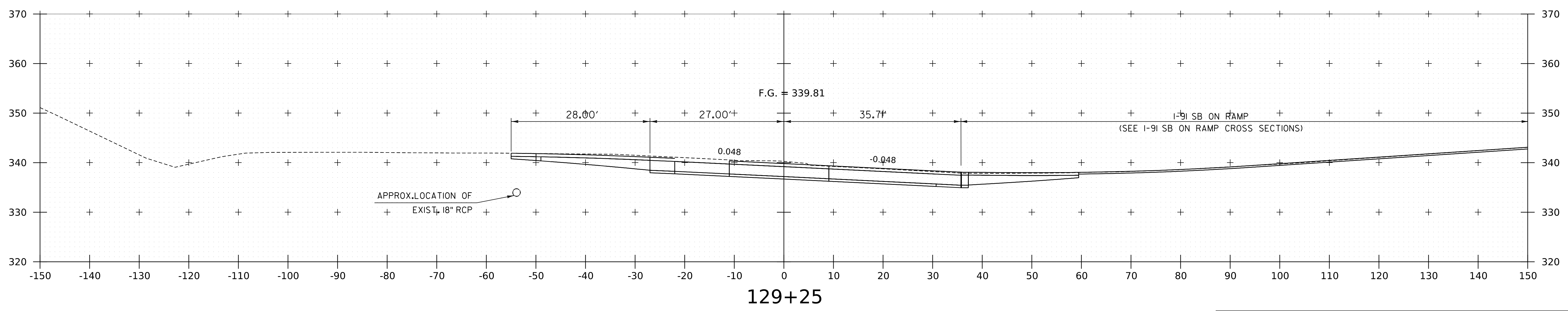
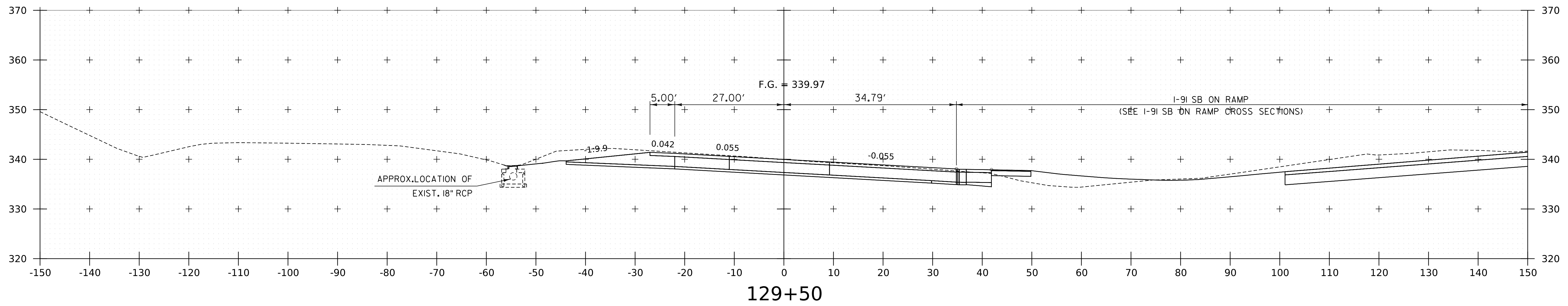
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS	9
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	291 OF 439



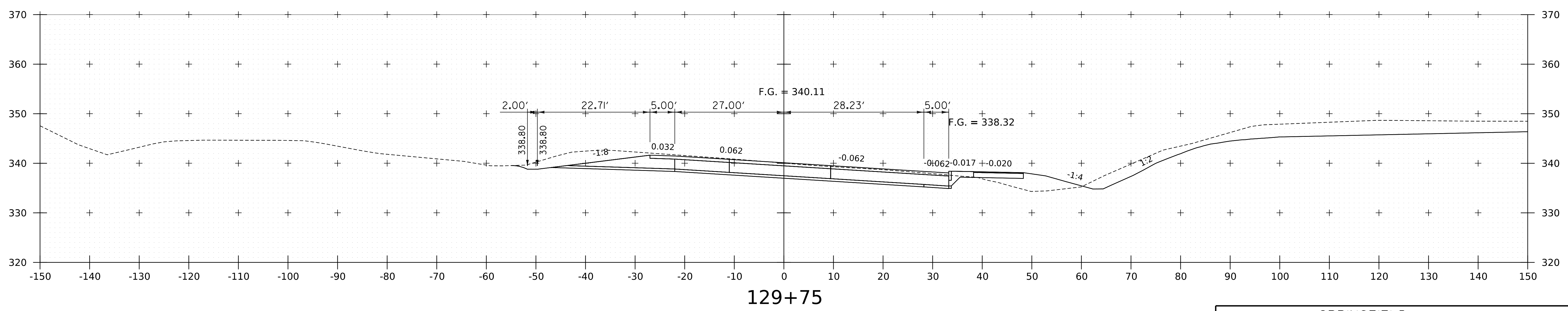
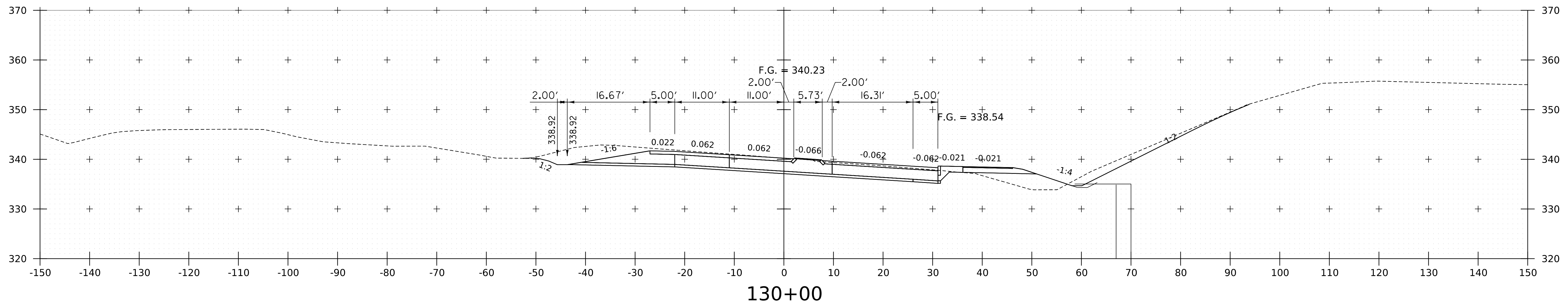
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 10	SHEET 292 OF 439



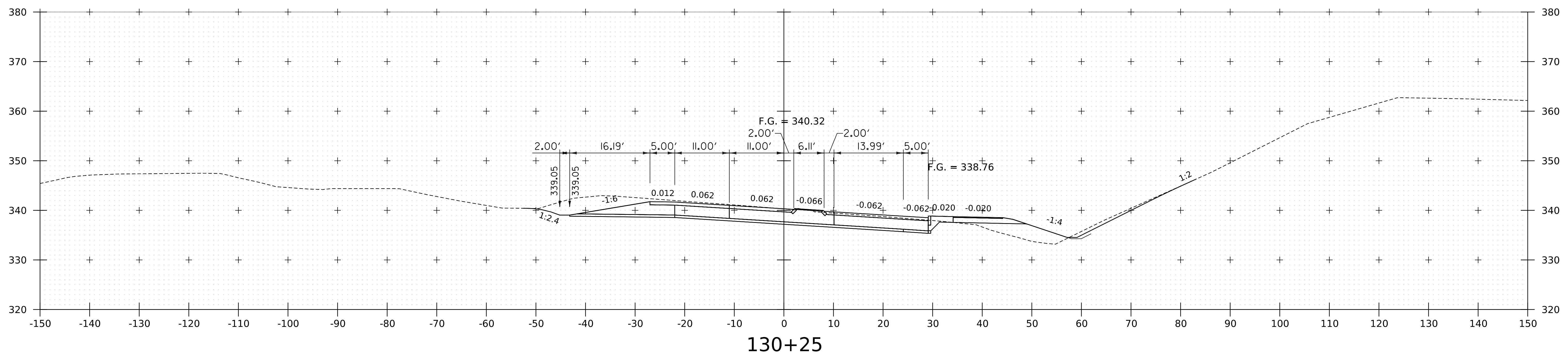
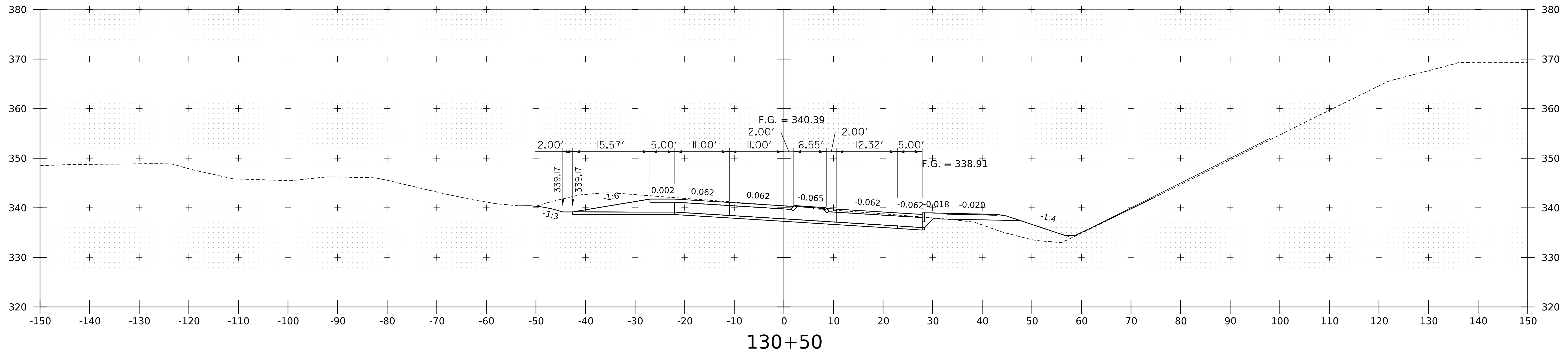
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS II	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	293 OF 439



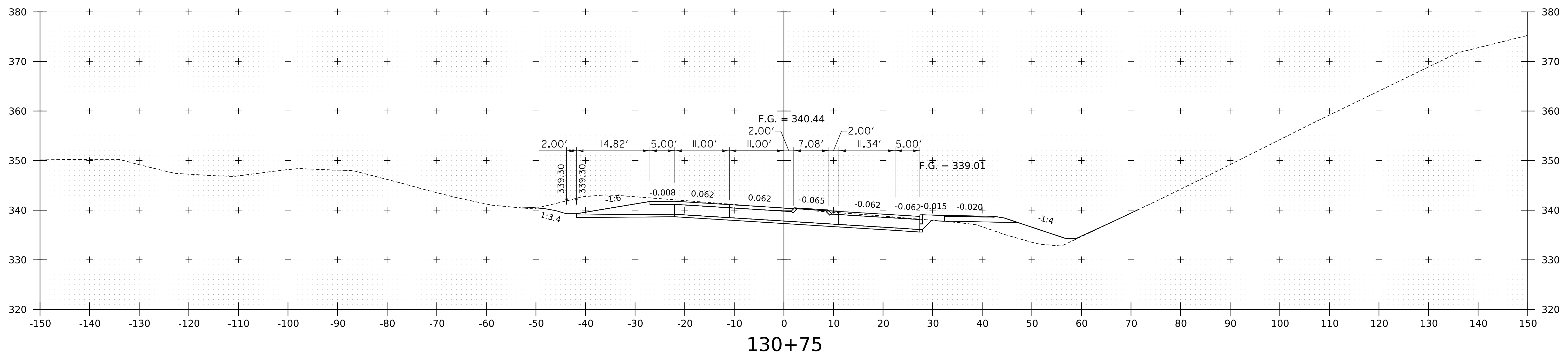
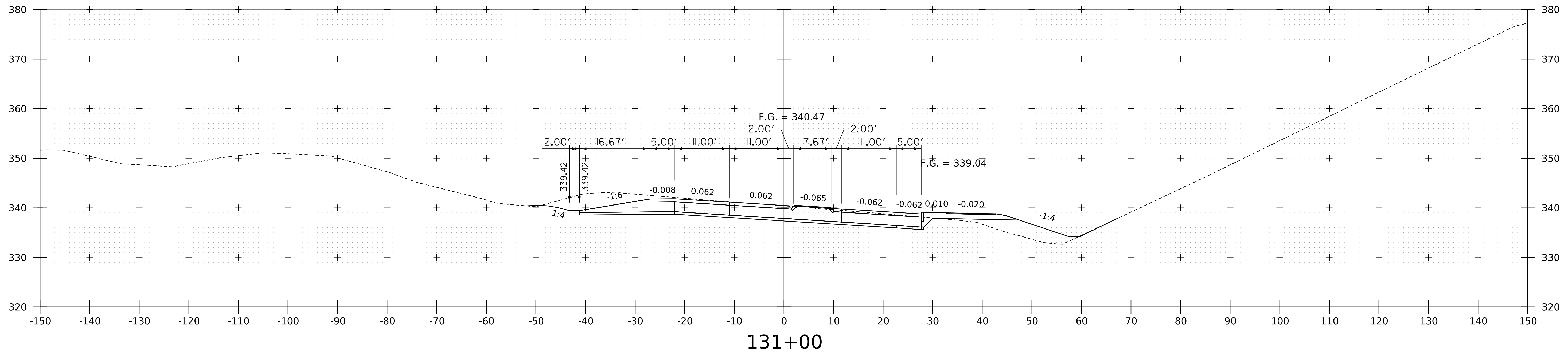
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 12	SHEET 294 OF 439
DESIGNED BY:	C. HELMICK		



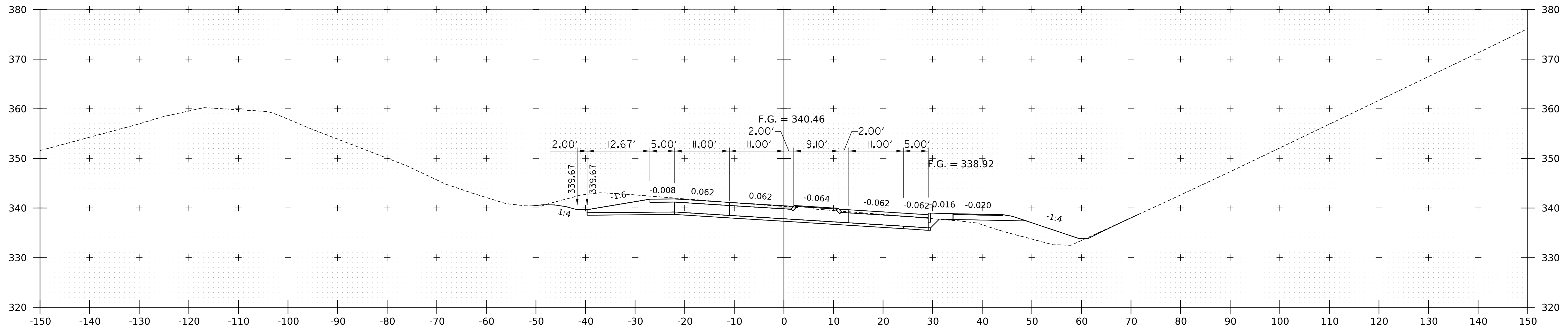
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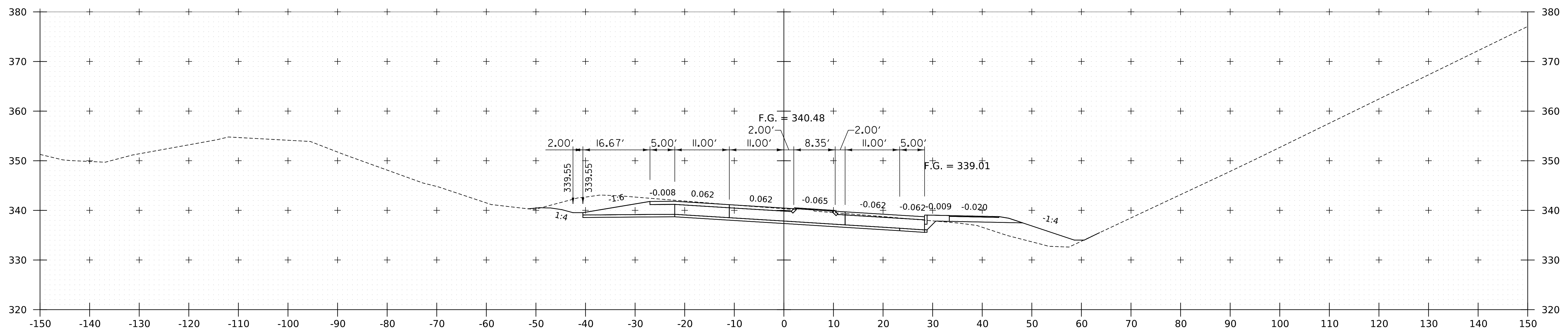
PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 13	SHEET 295 OF 439
DESIGNED BY:	C. HELMICK		



WORKING PLANS FOR REFERENCE ONLY



131+50

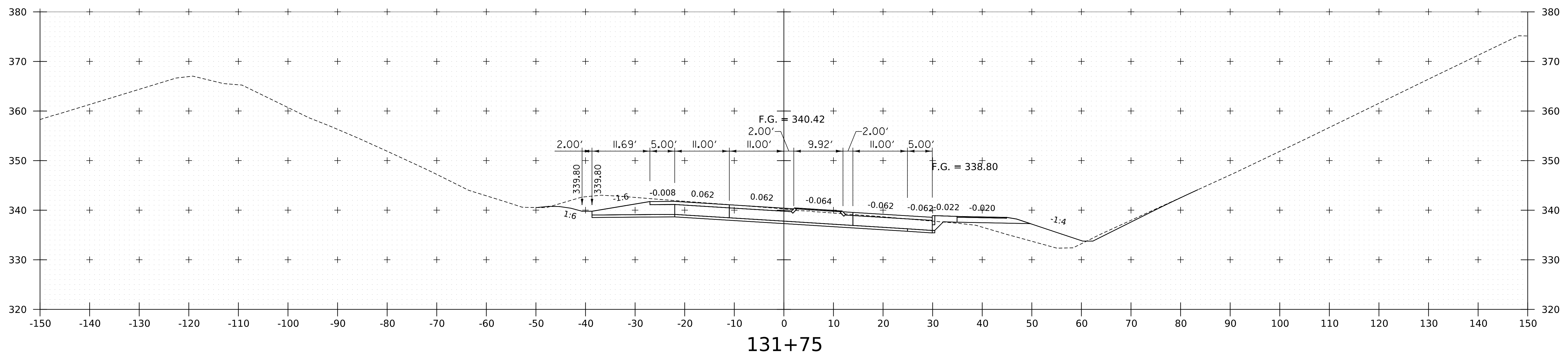
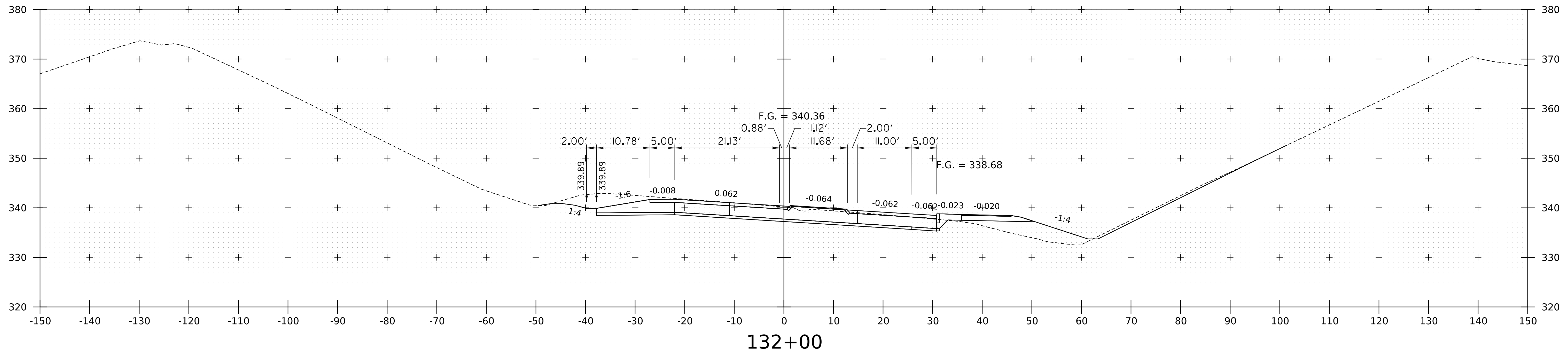


131+25

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 14	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	296 OF 439



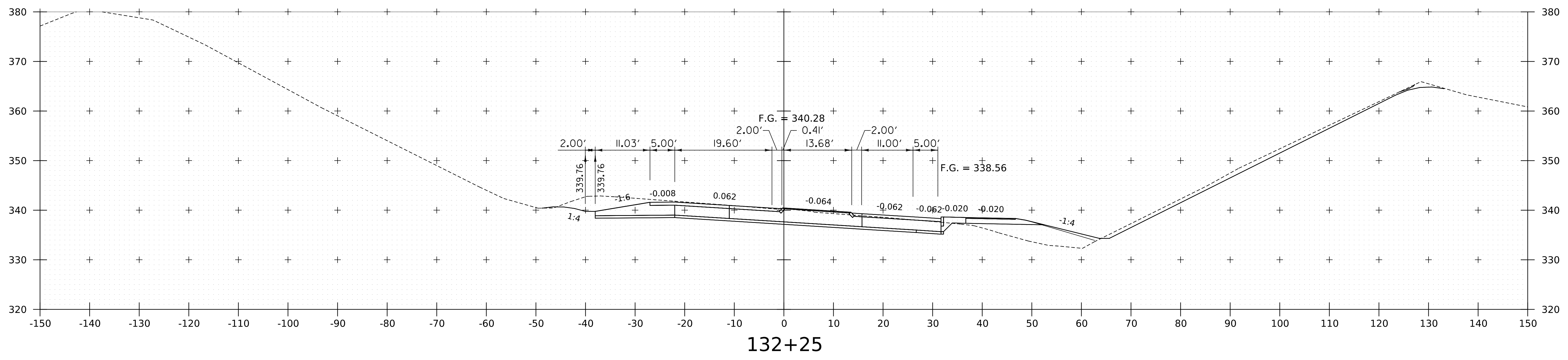
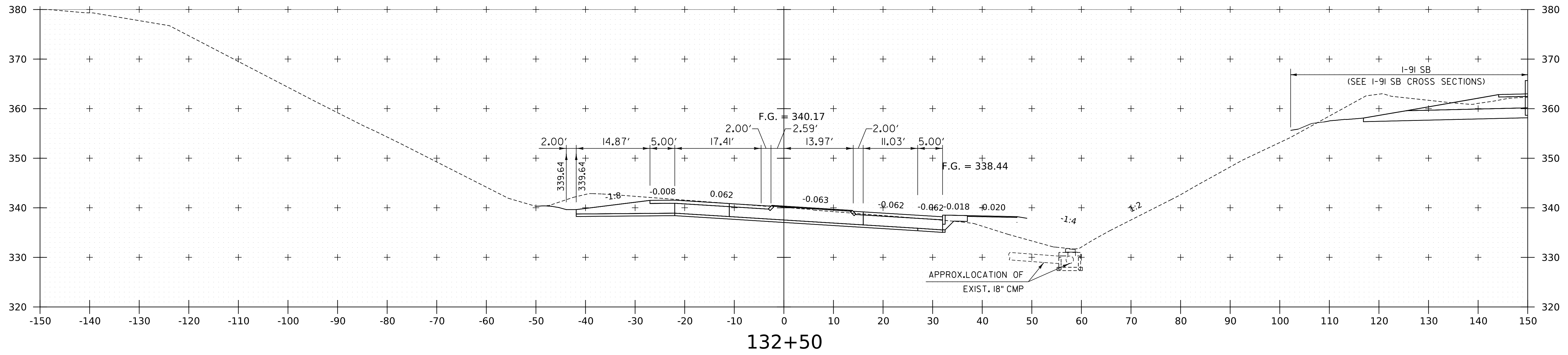
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PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 15	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	297 OF 439



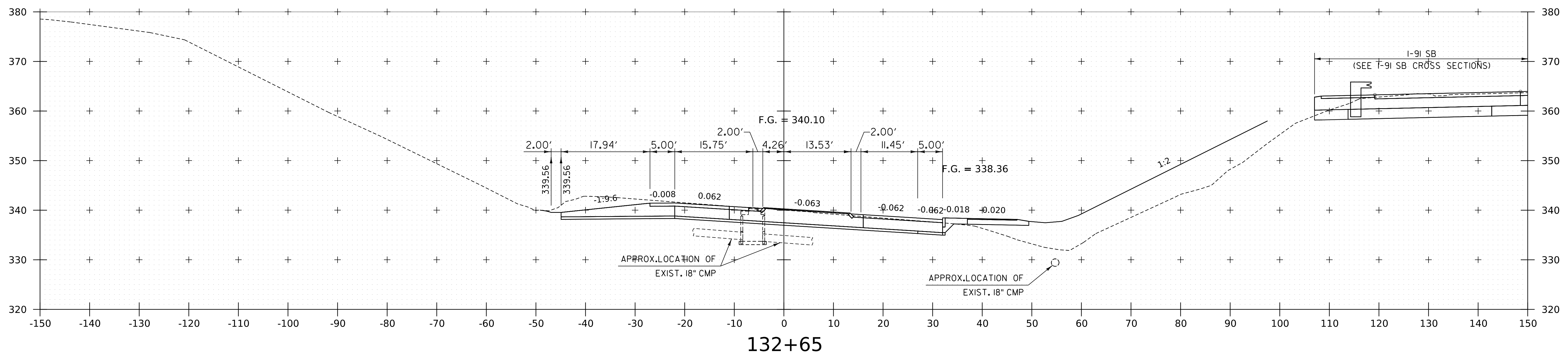
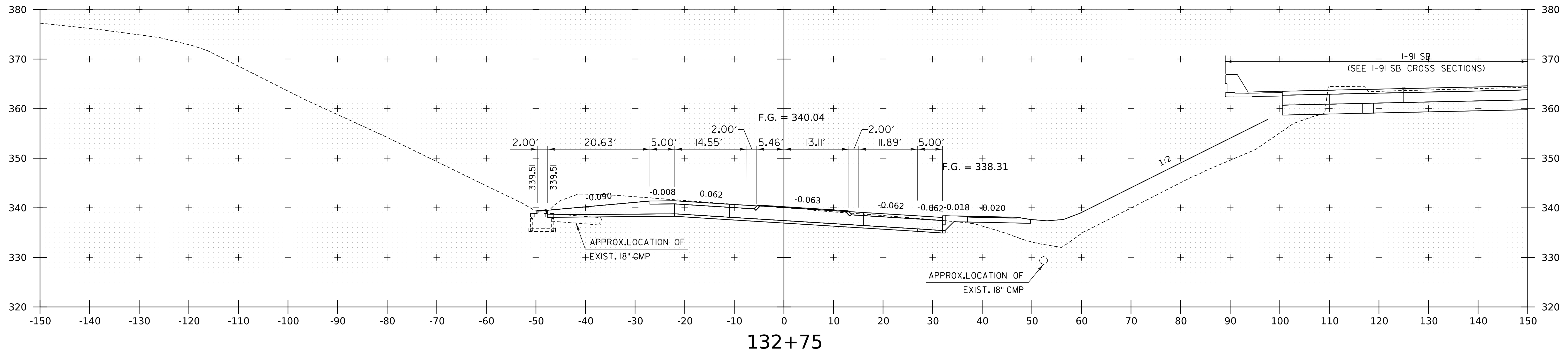
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 16	SHEET 298 OF 439
DESIGNED BY:	C. HELMICK		



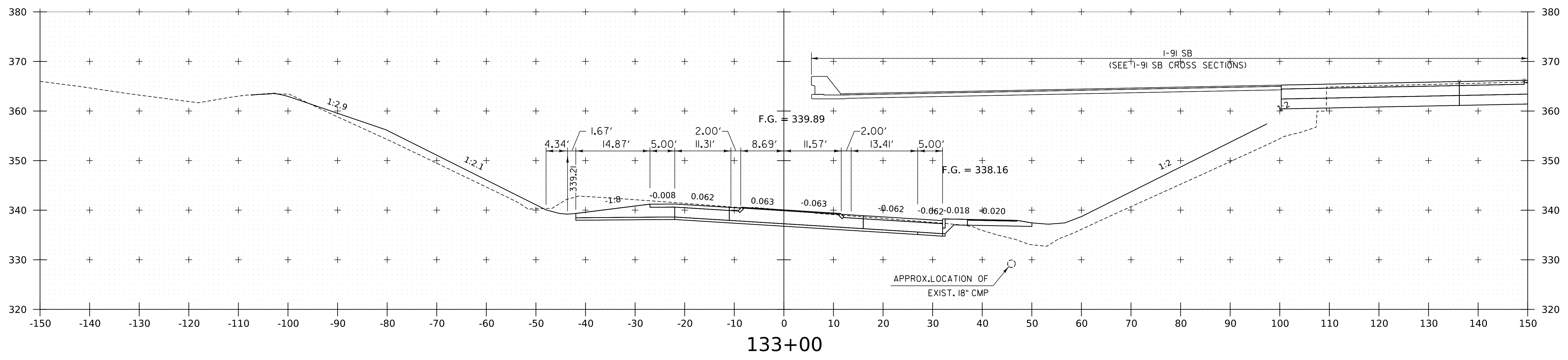
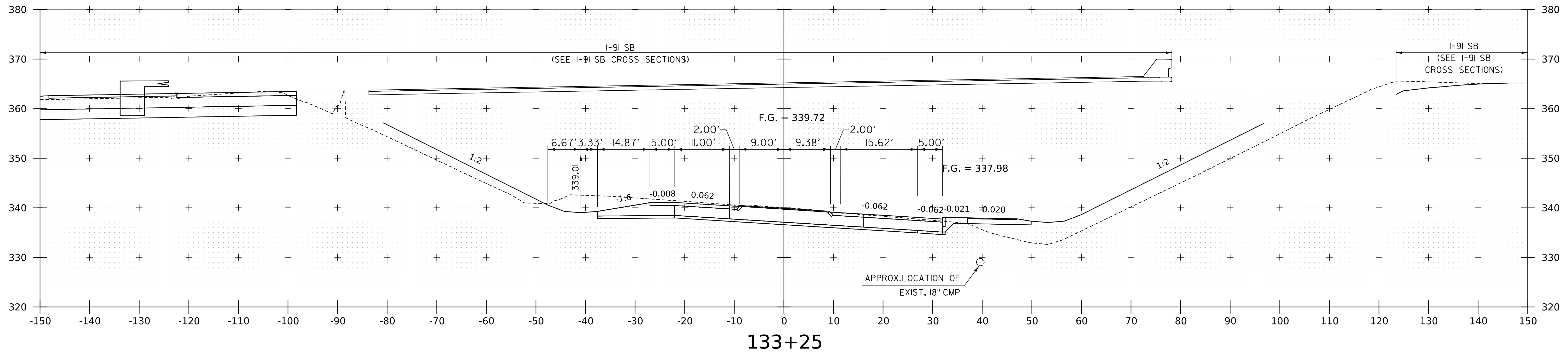
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 17	SHEET 299 OF 439



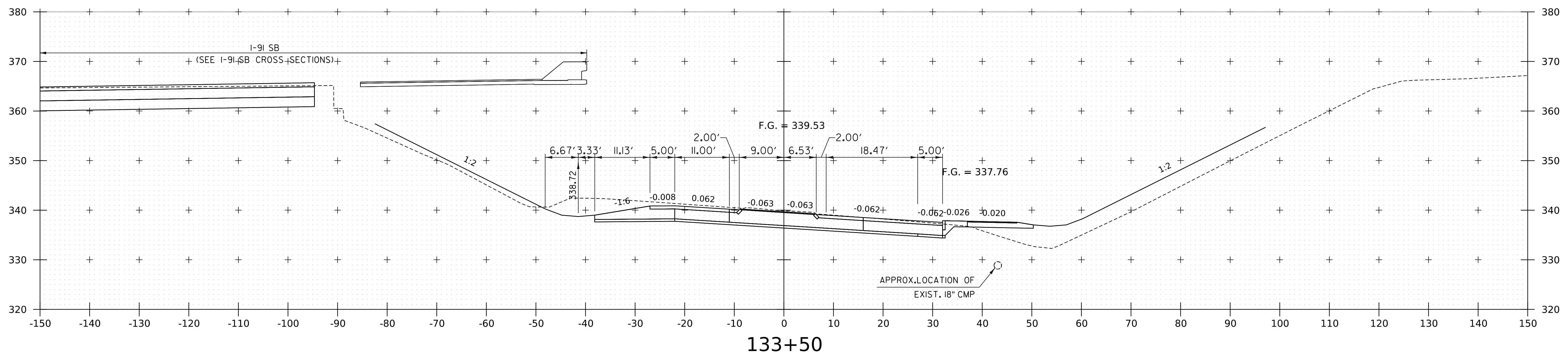
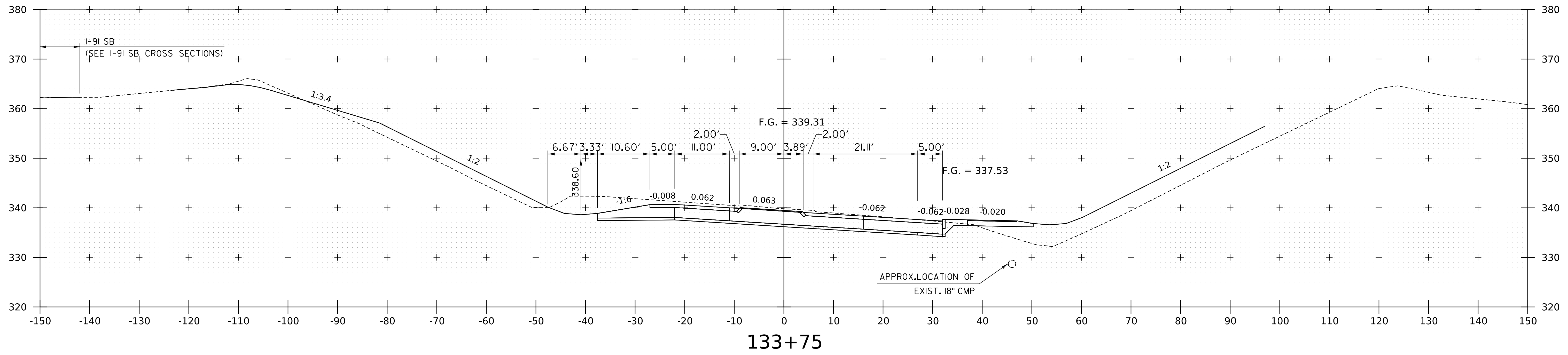
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PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574xs_CharlestownRD.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. HELMICK
		DESIGNED BY:	C. HELMICK	CHECKED BY:	L. DRISCOLL
		ROUTE 5 CROSS SECTIONS 18		SHEET	300 OF 439



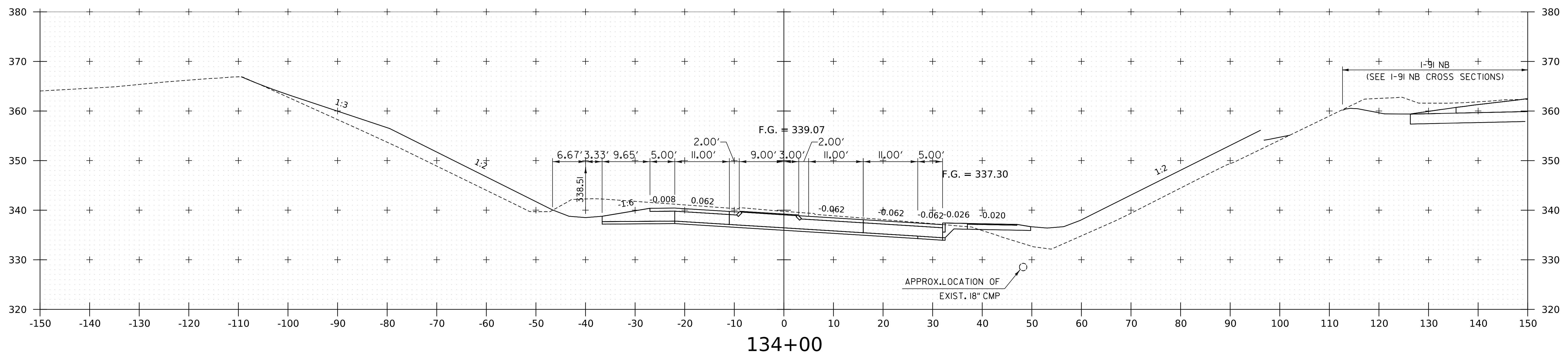
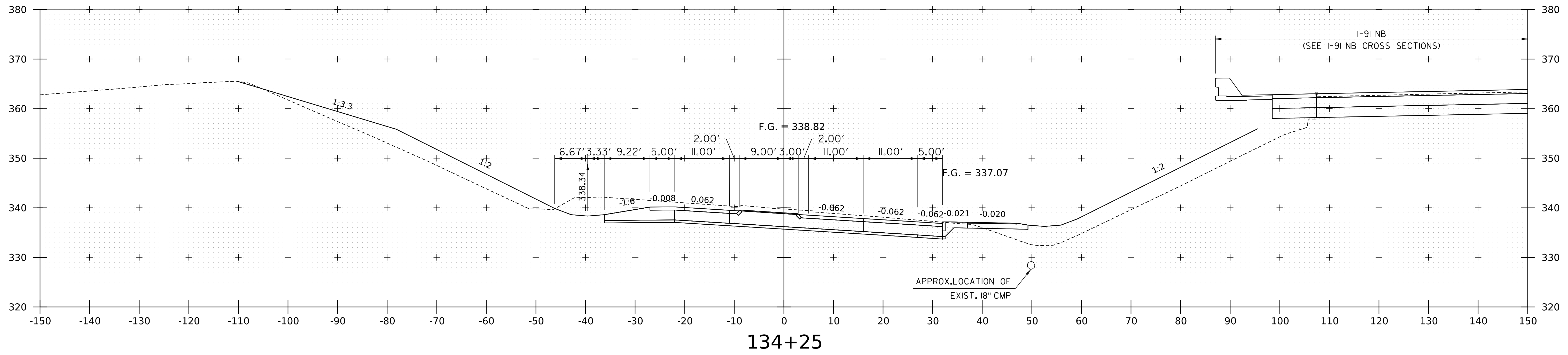
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 19	SHEET 301 OF 439
DESIGNED BY:	C. HELMICK		



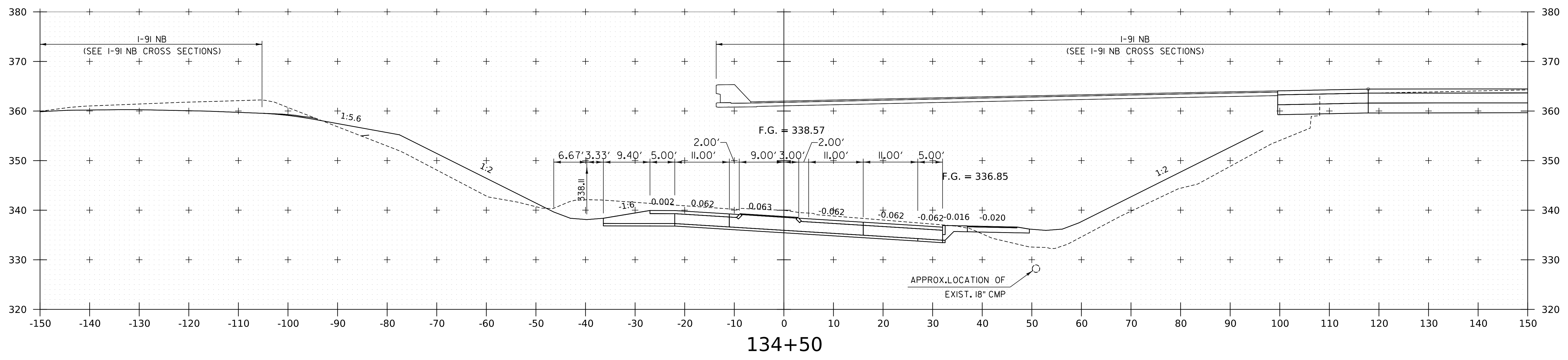
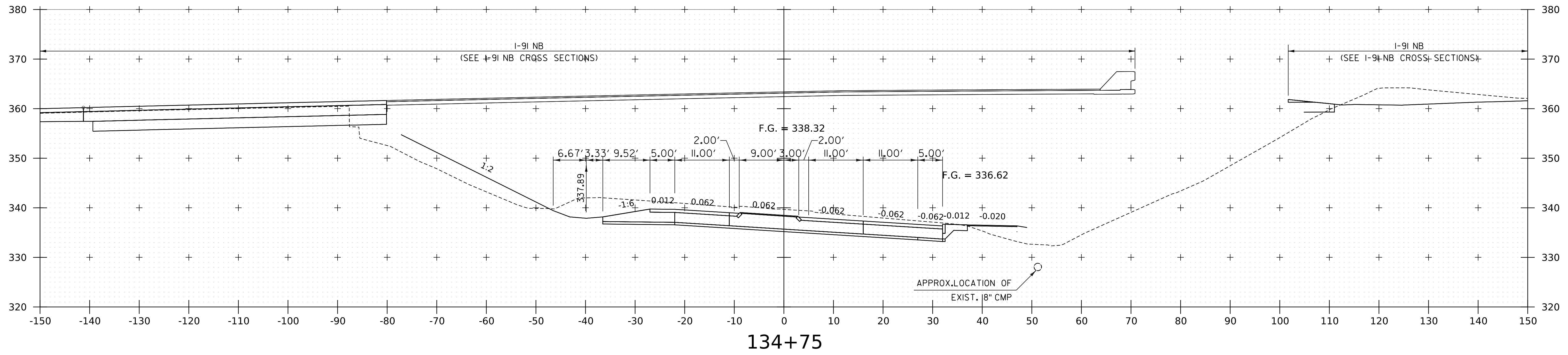
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 09I-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	302 OF 439
DESIGNED BY:	C. HELMICK		
ROUTE 5 CROSS SECTIONS 20			



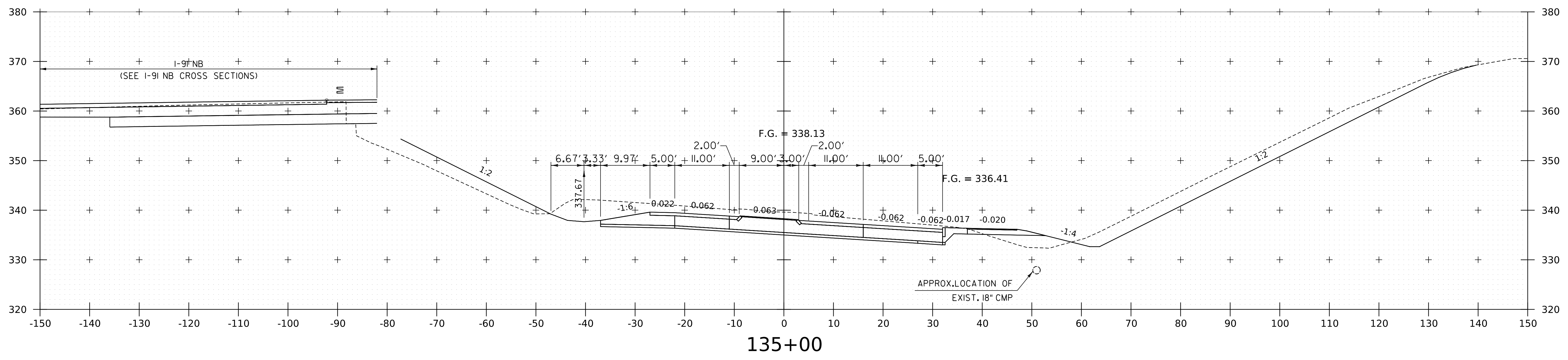
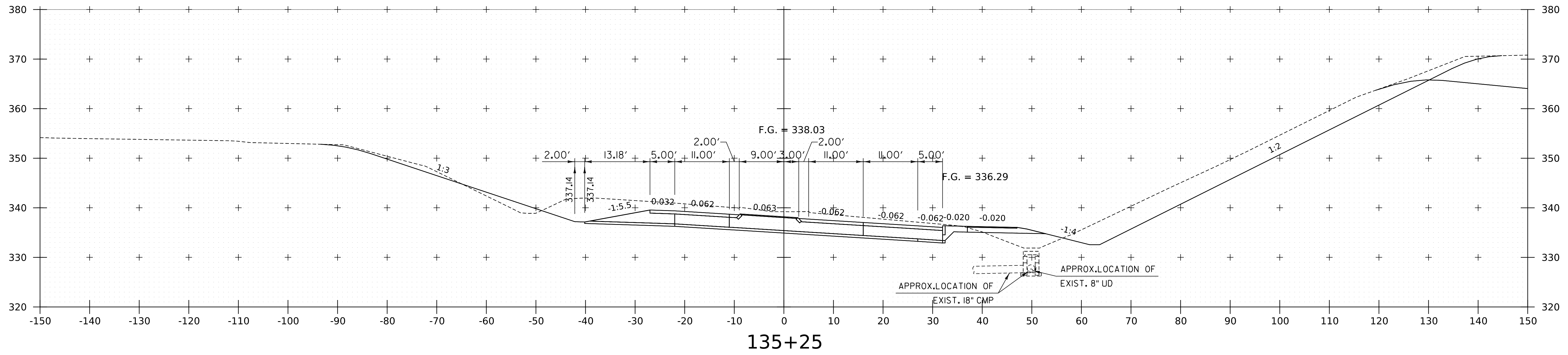
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 21	SHEET 303 OF 439
DESIGNED BY:	C. HELMICK		



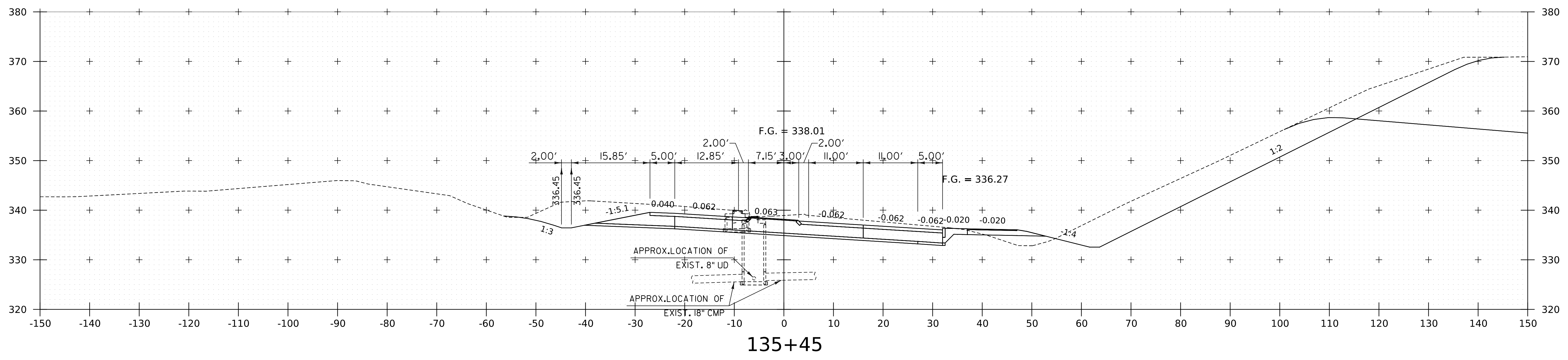
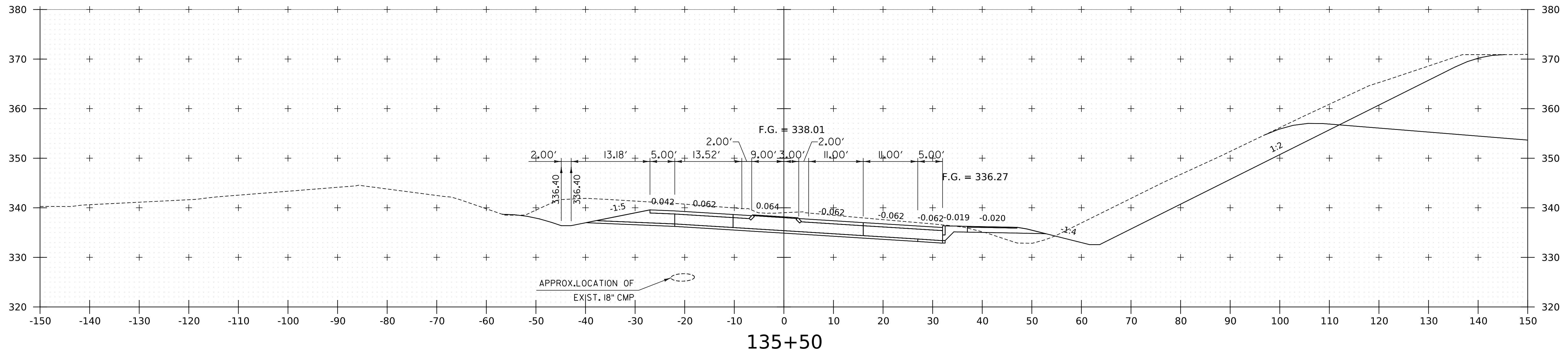
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 22	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	304 OF 439



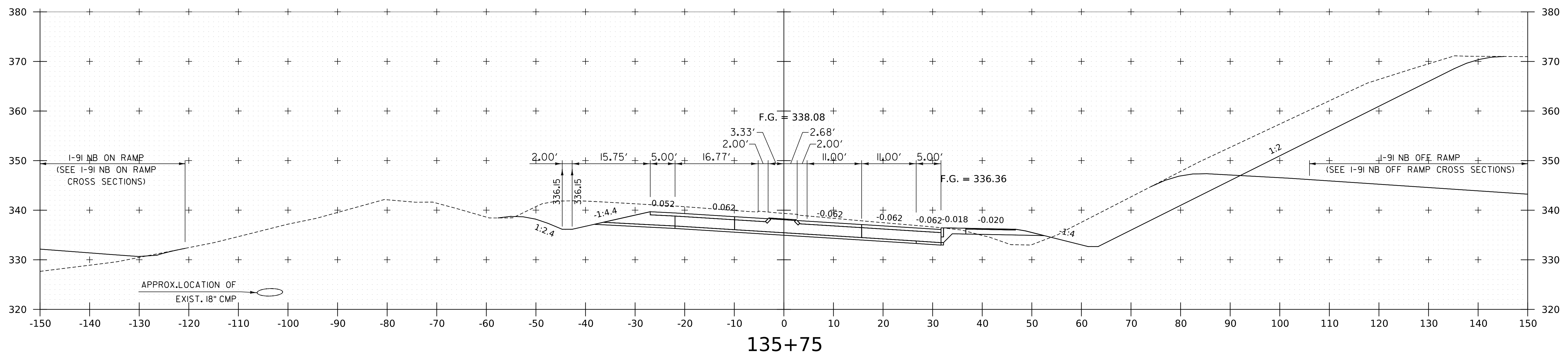
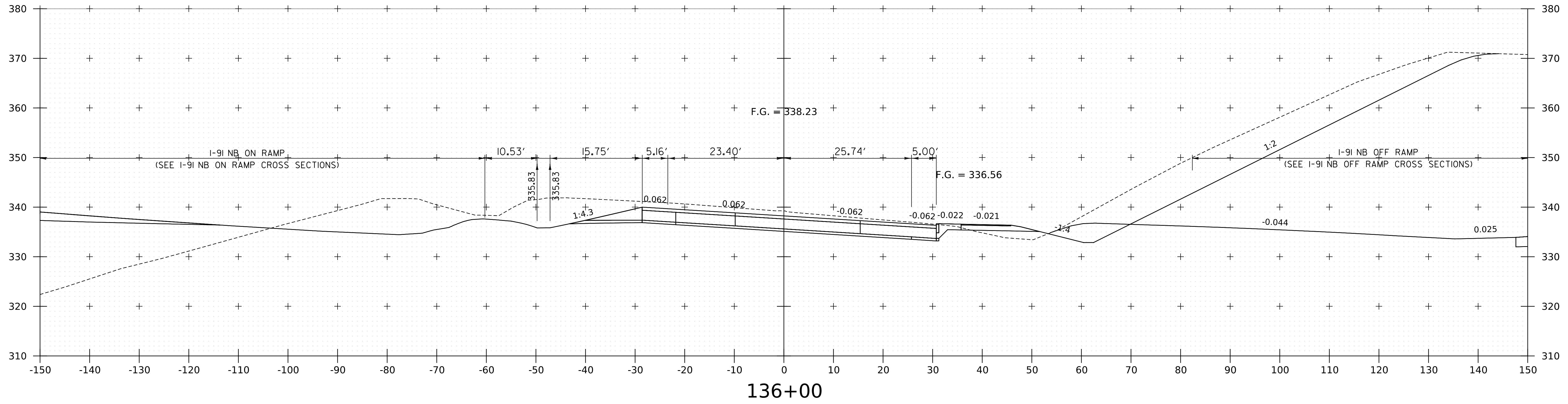
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS SHEET 23	SHEET 305 OF 439



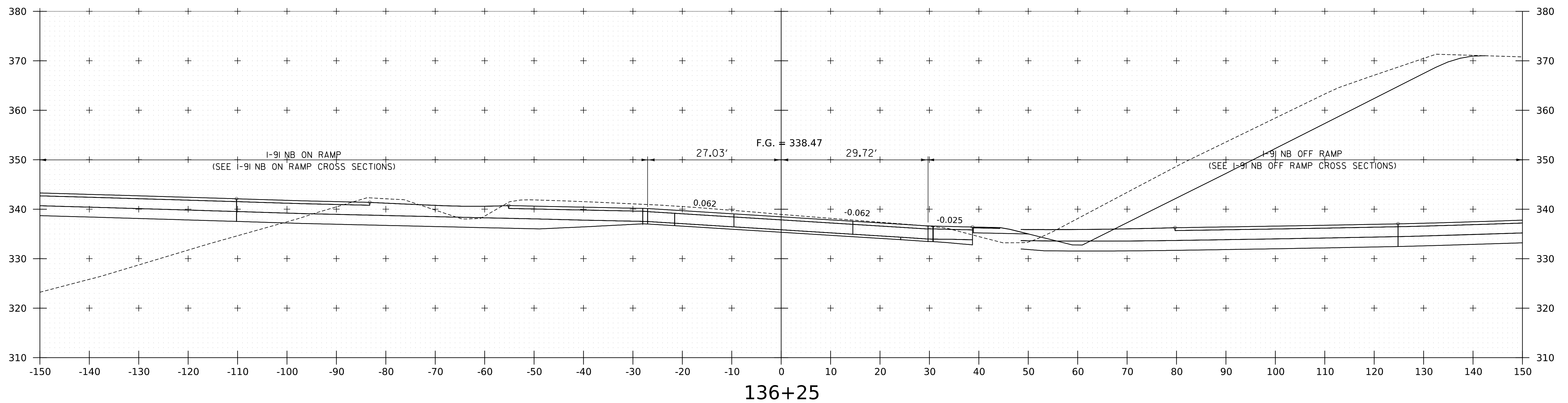
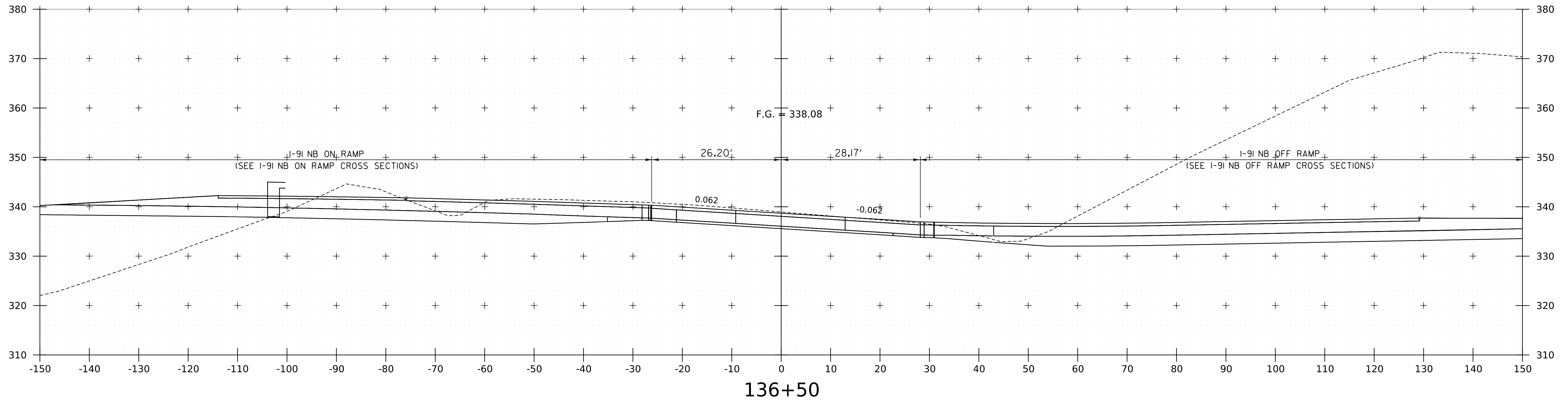
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 24	SHEET 306 OF 439
DESIGNED BY:	C. HELMICK		



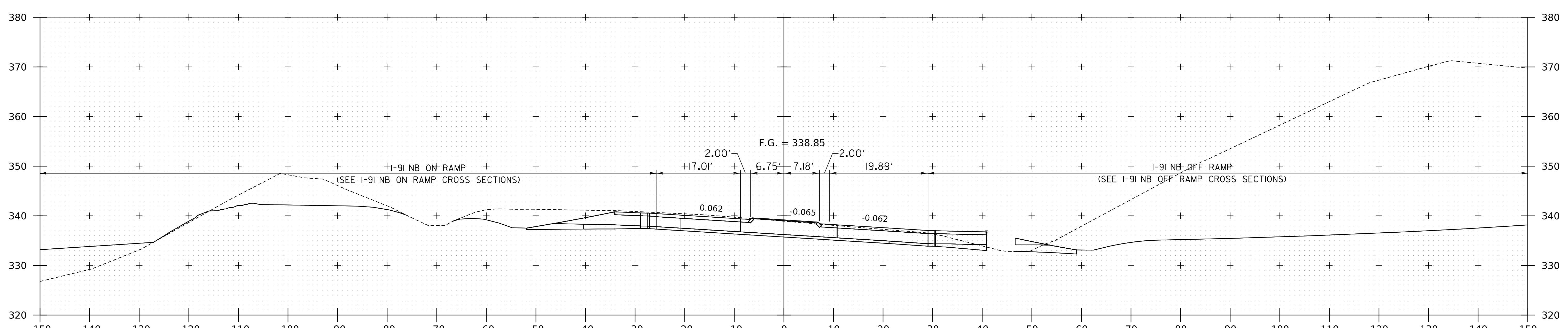
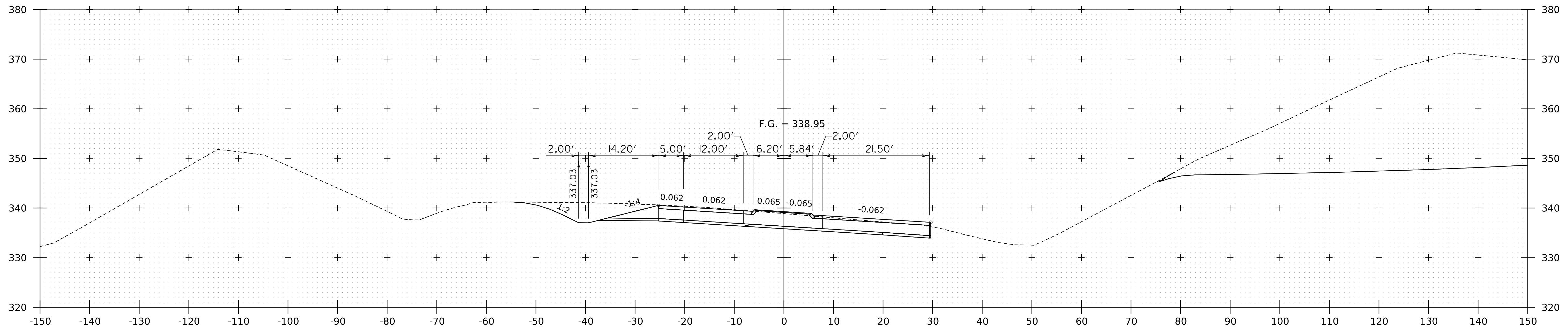
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS	25
DESIGNED BY:	C. HELMICK	SHEET	307 OF 439



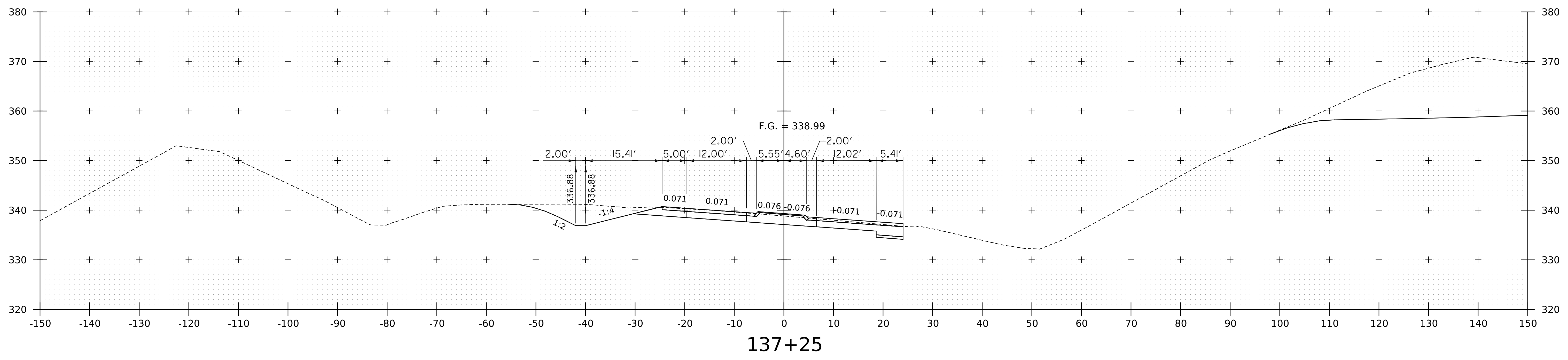
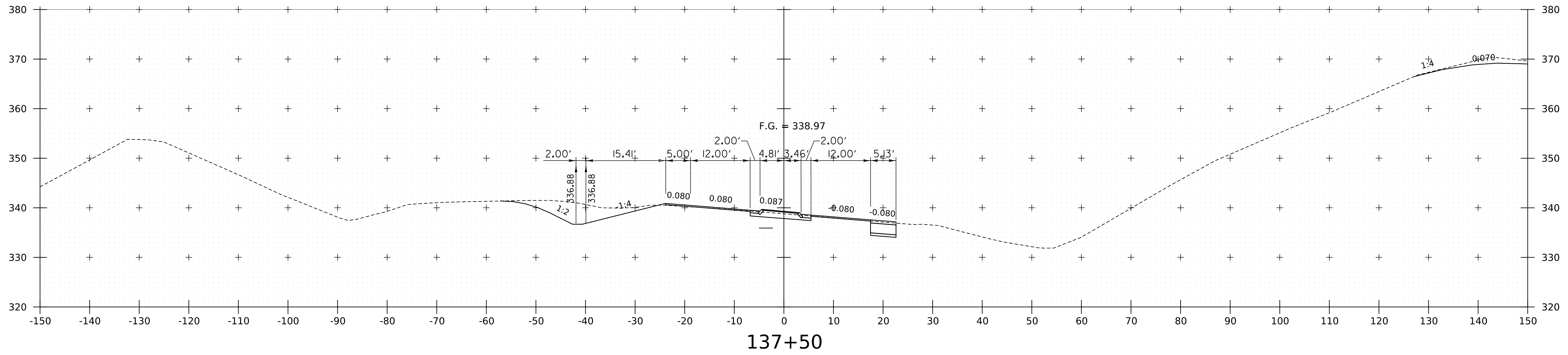
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS 26	SHEET 308 OF 439
DESIGNED BY:	C. HELMICK		



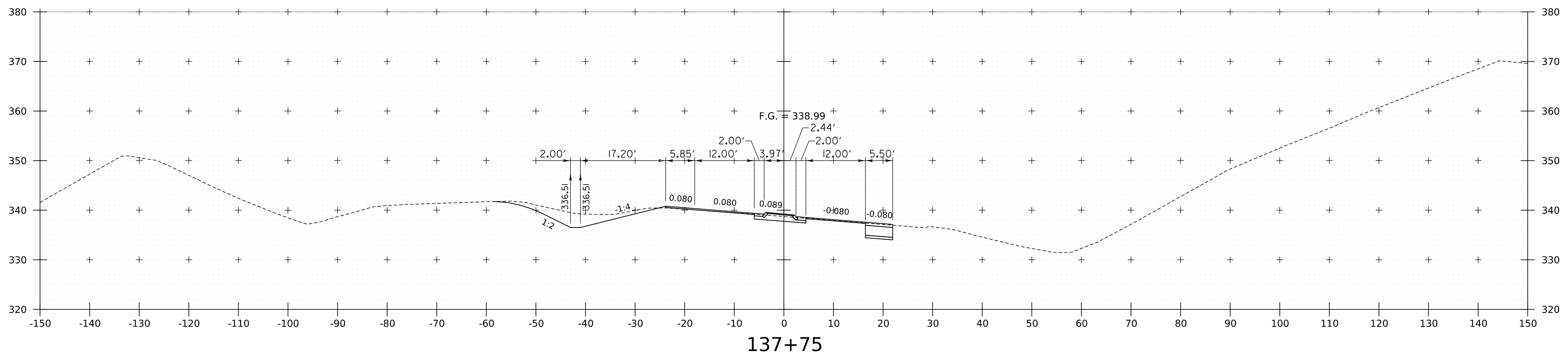
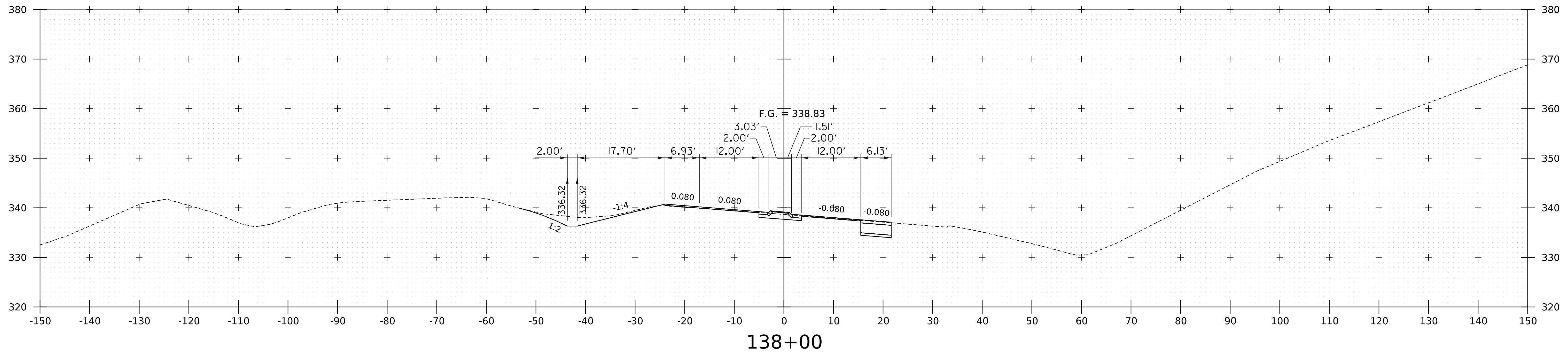
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs_CharlestownRD.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
ROUTE 5 CROSS SECTIONS 27	
SHEET 309 OF 439	



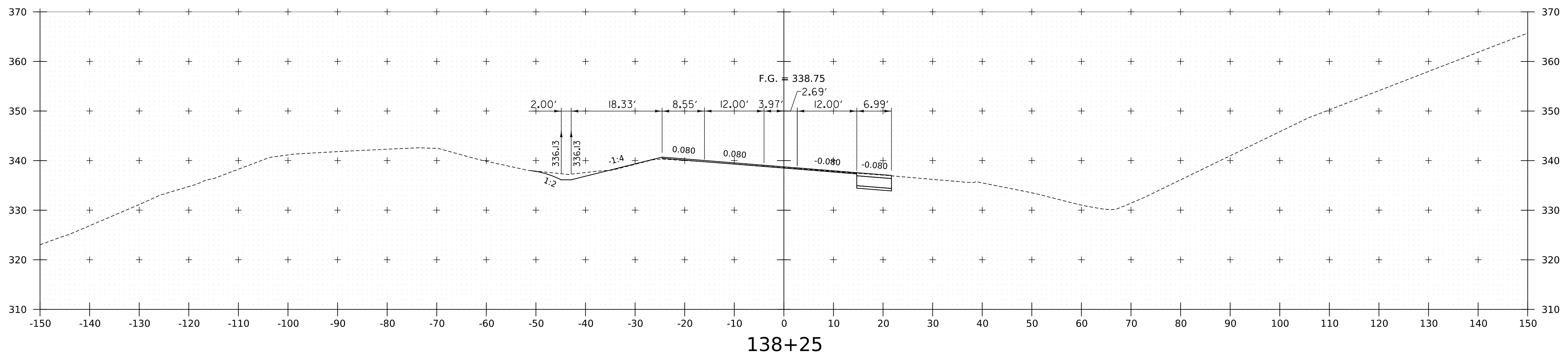
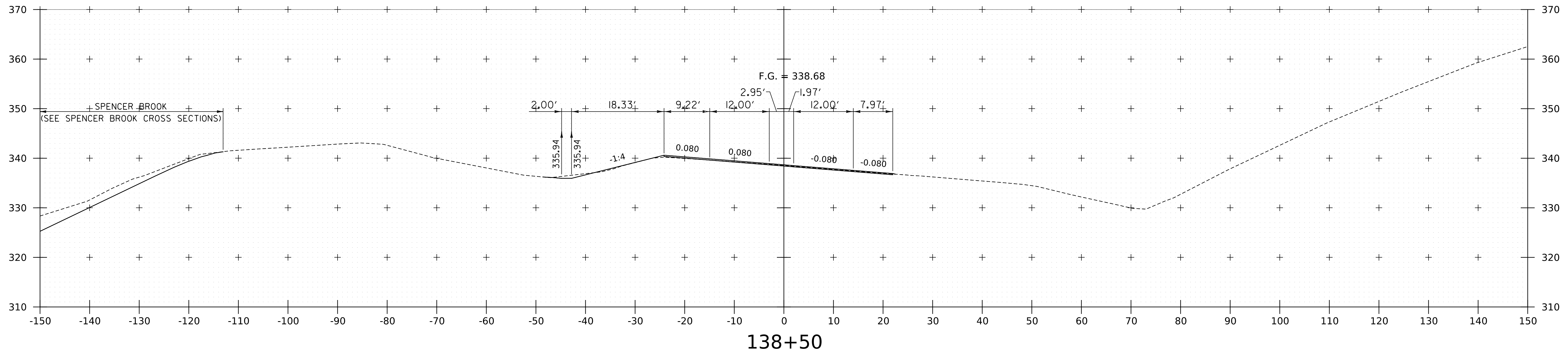
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 28	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	310 OF 439



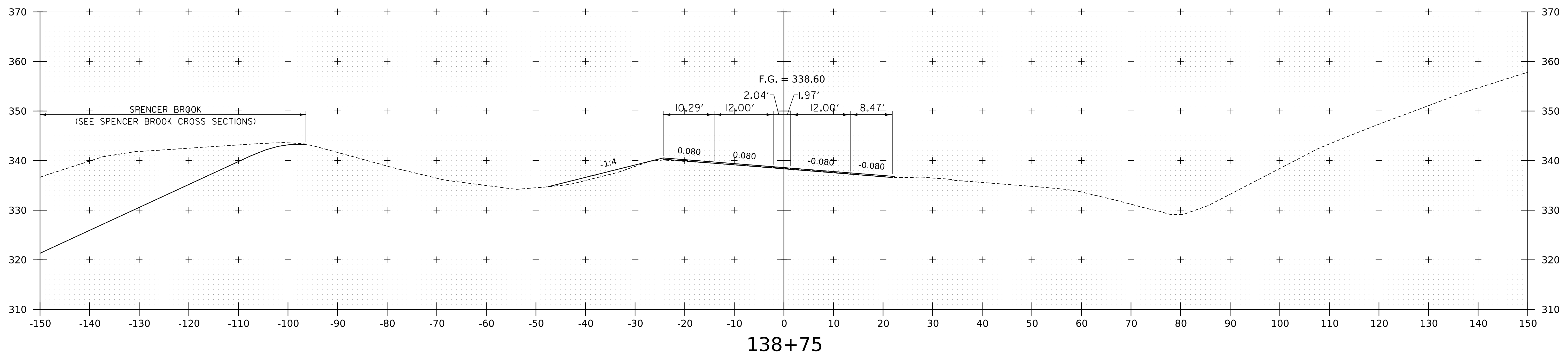
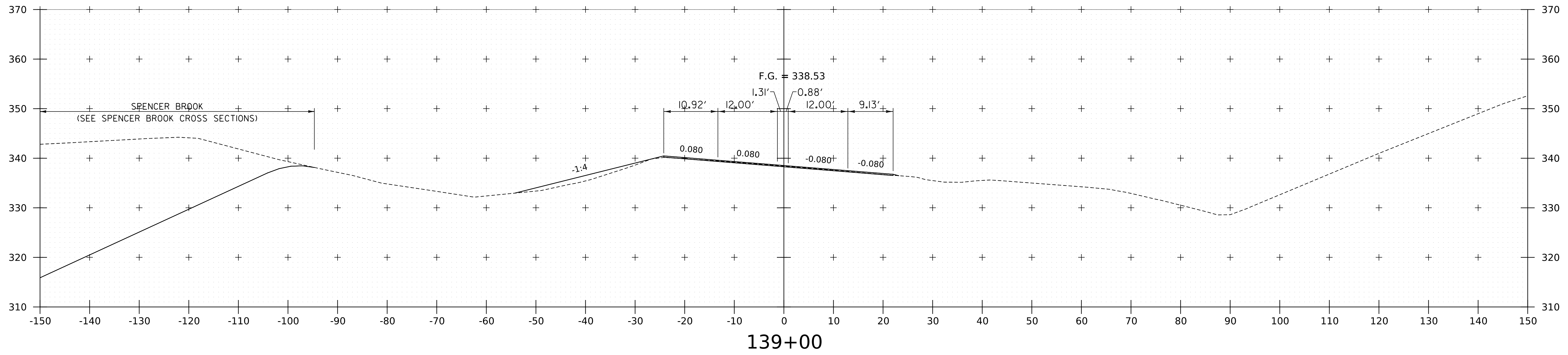
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	ROUTE 5 CROSS SECTIONS	29
DESIGNED BY:	C. HELMICK	SHEET	311 OF 439



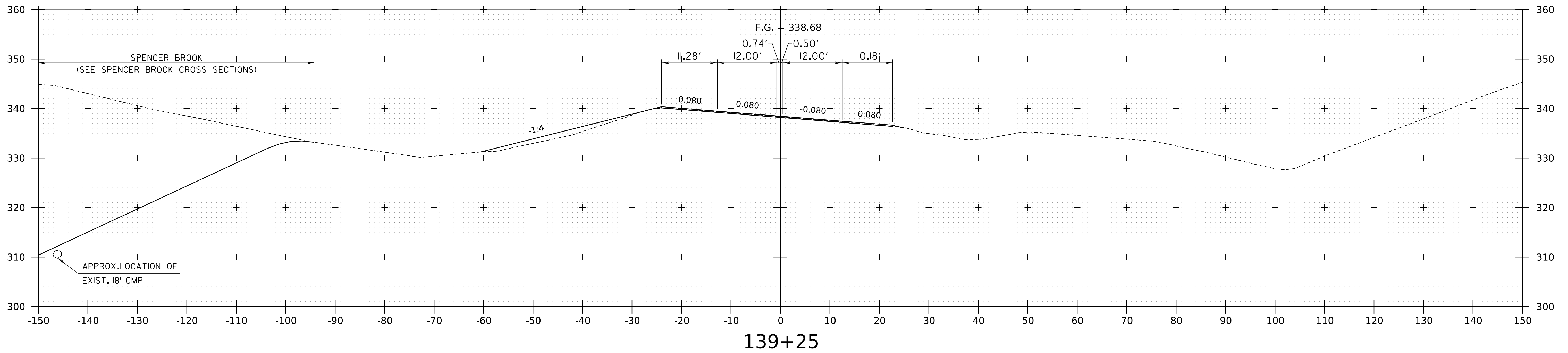
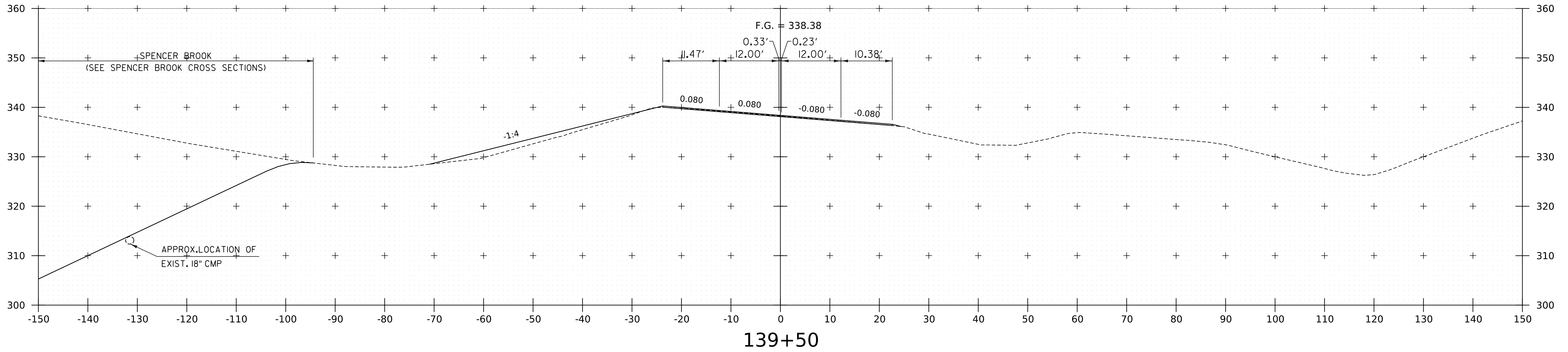
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 30	SHEET 312 OF 439



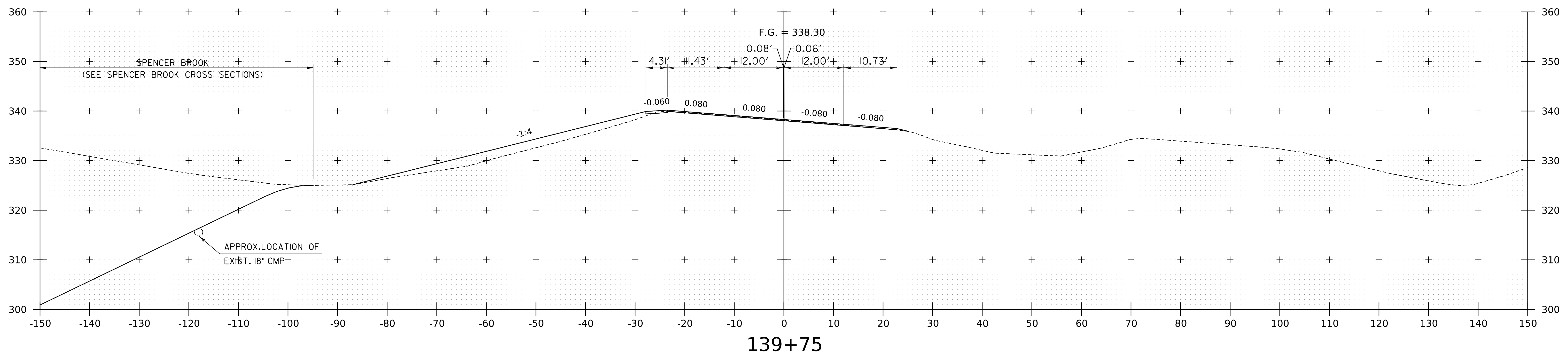
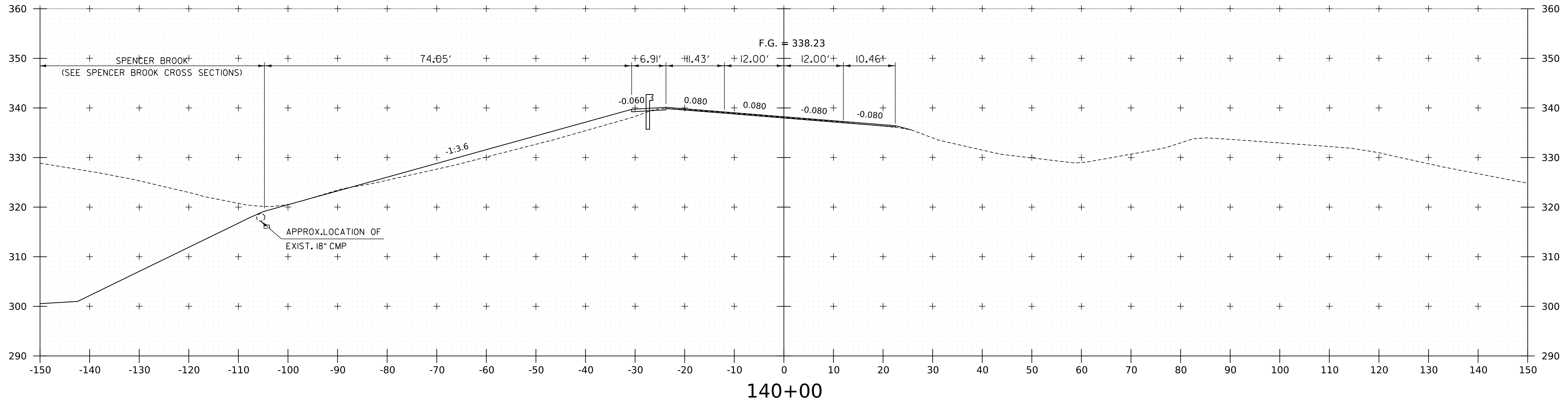
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 31	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	313 OF 439



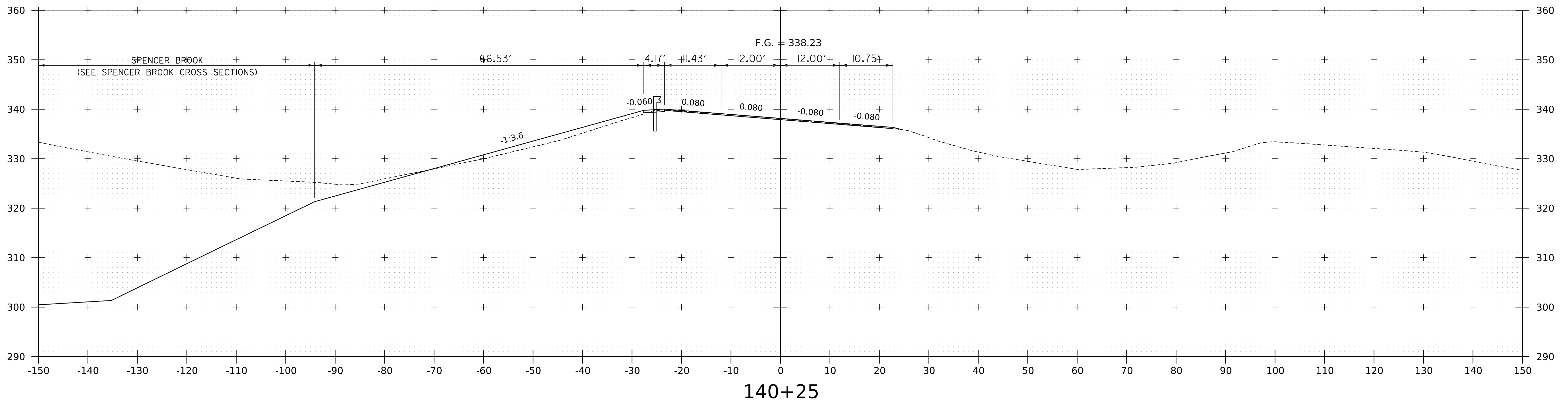
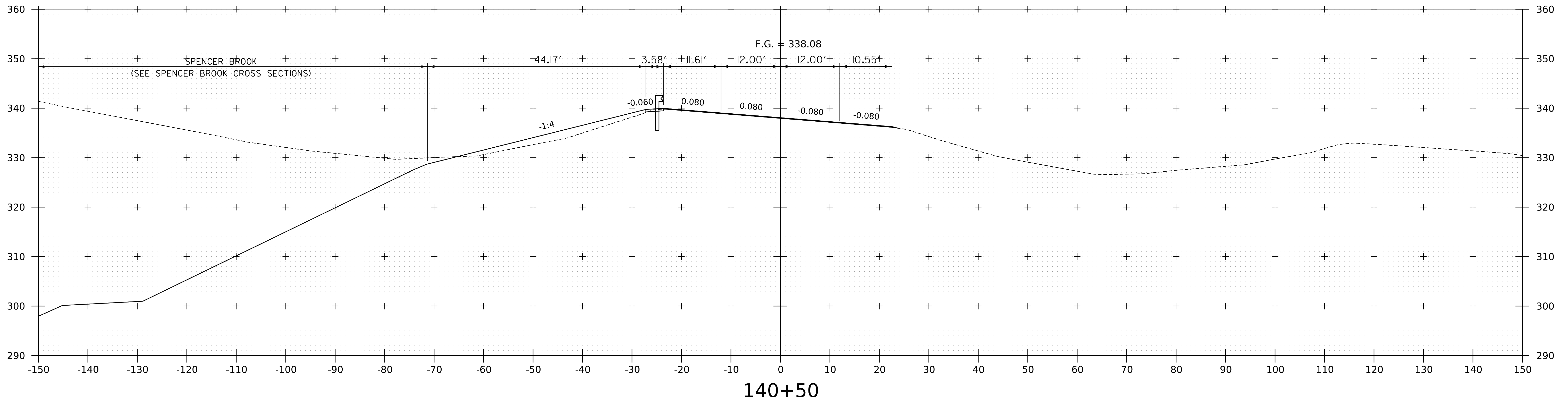
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS 32	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	314 OF 439

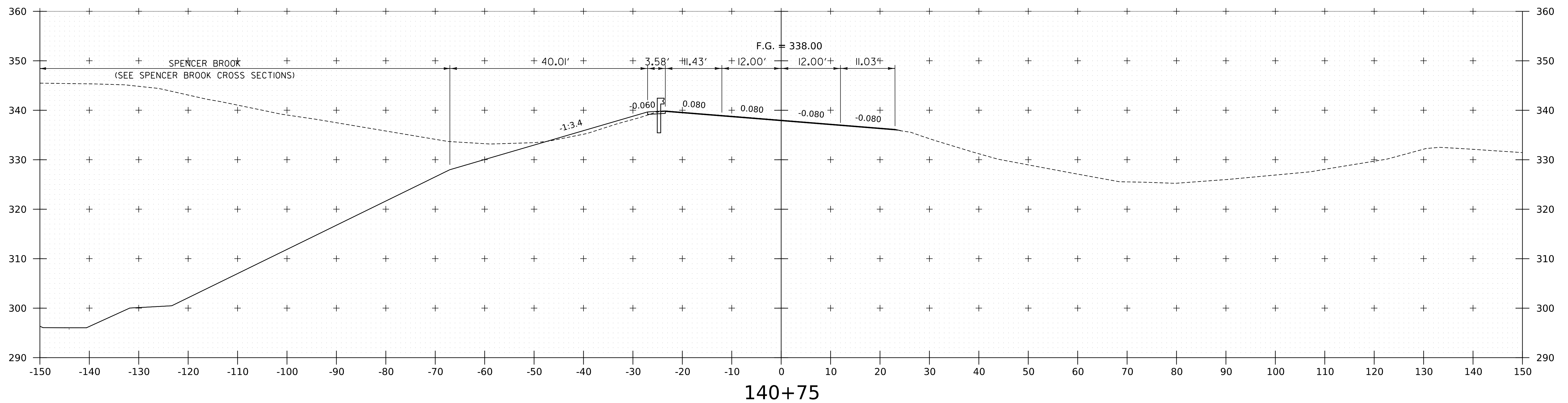
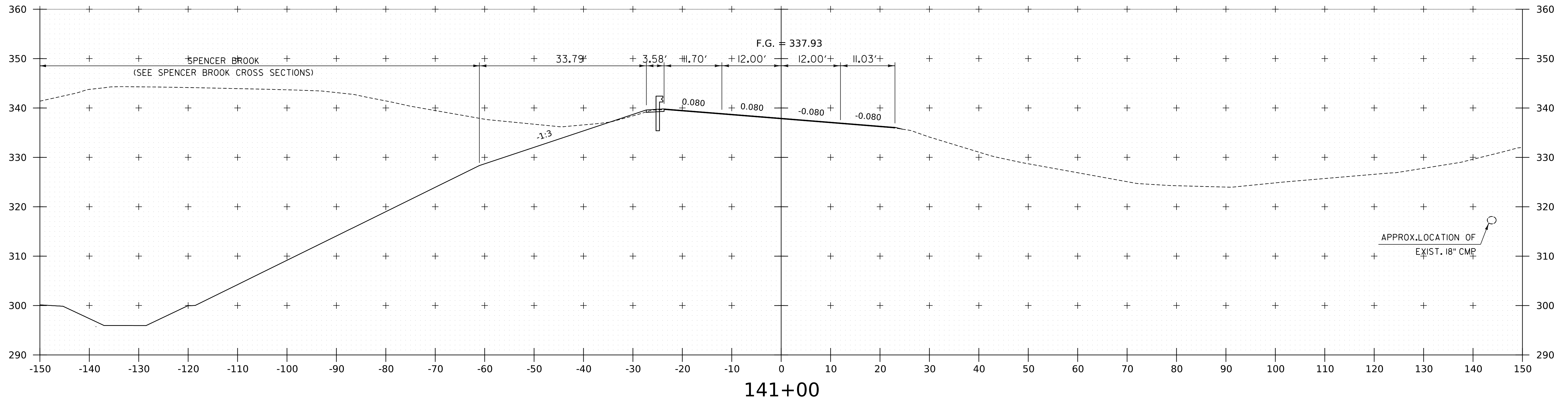


WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND		
DESIGNED BY:	C. HELMICK		
ROUTE 5 CROSS SECTIONS 33		SHEET	315 OF 439



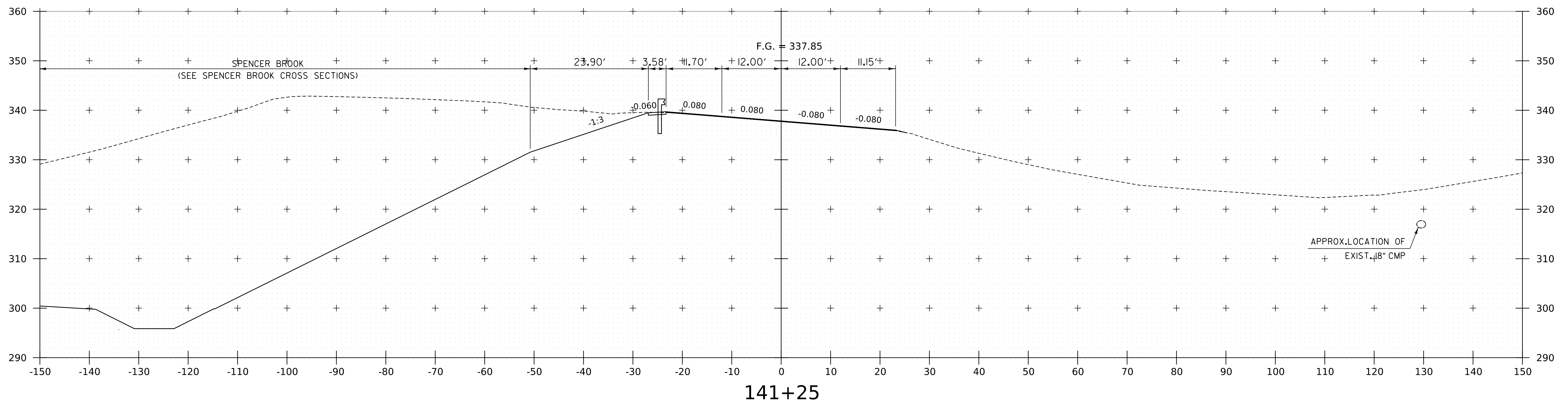
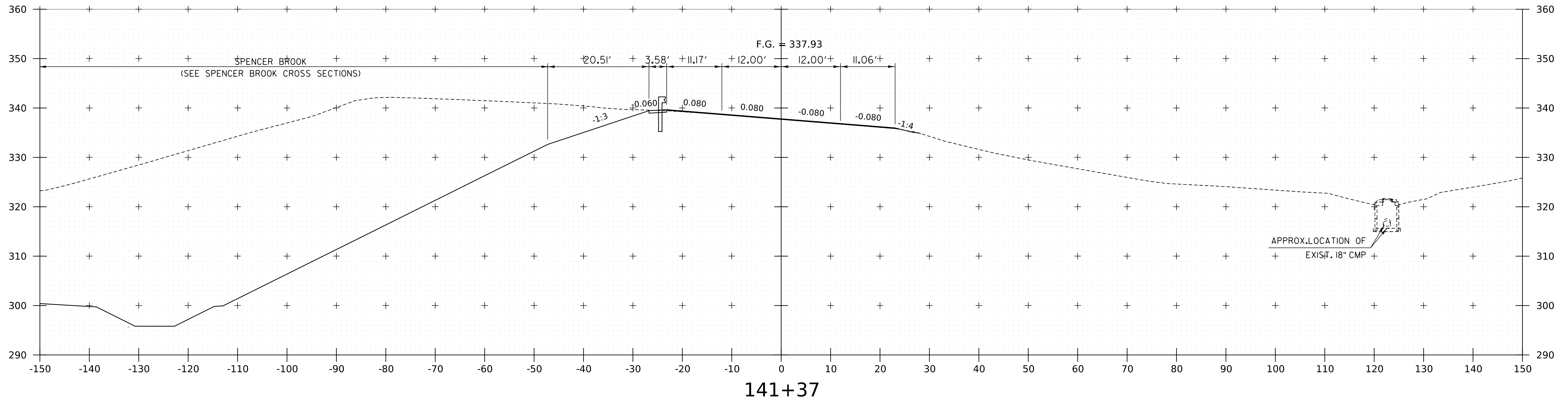


WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	316 OF 439
DESIGNED BY:	C. HELMICK		
ROUTE 5 CROSS SECTIONS	34		



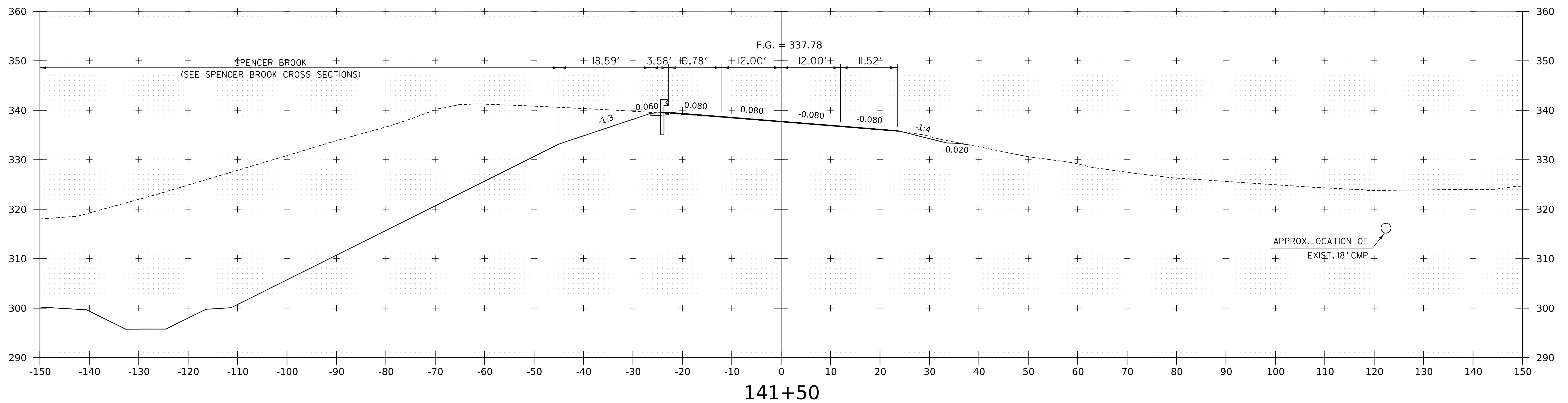
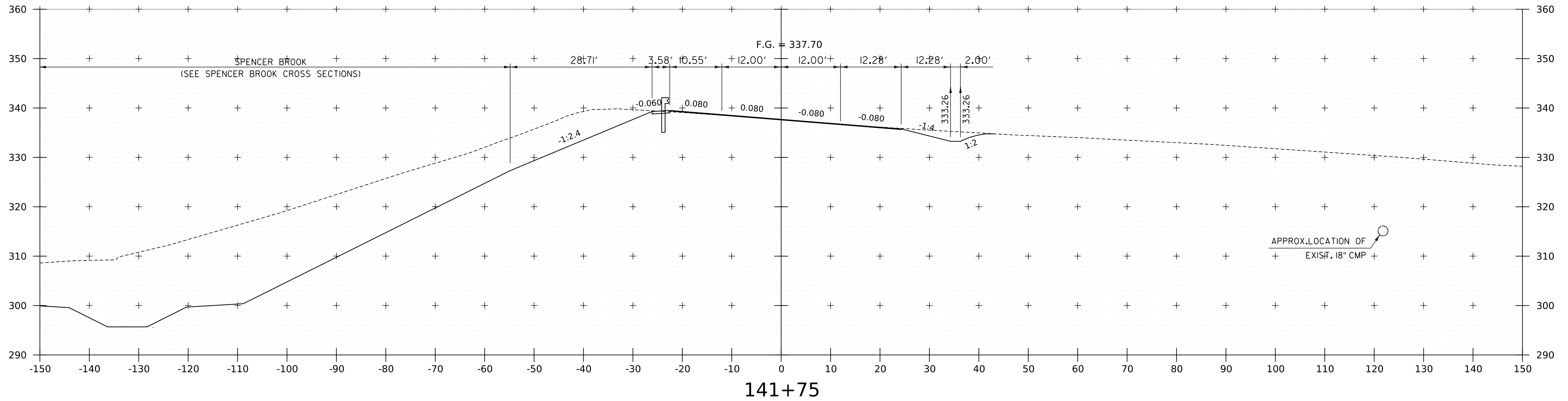
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS	35
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	317 OF 439



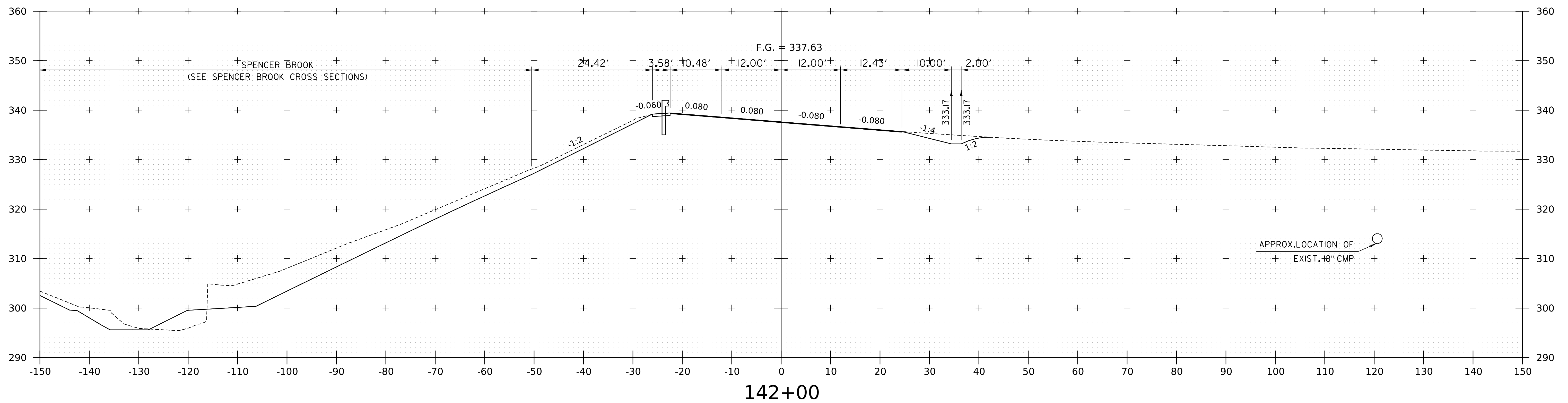
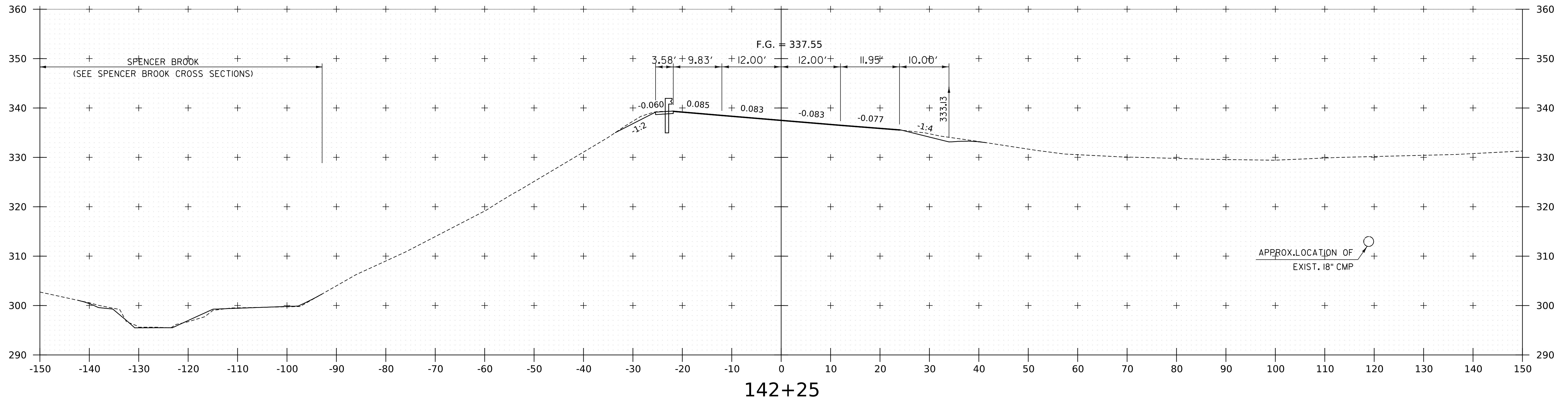
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. HELMICK
DESIGNED BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
ROUTE 5 CROSS SECTIONS 36	SHEET 318 OF 439



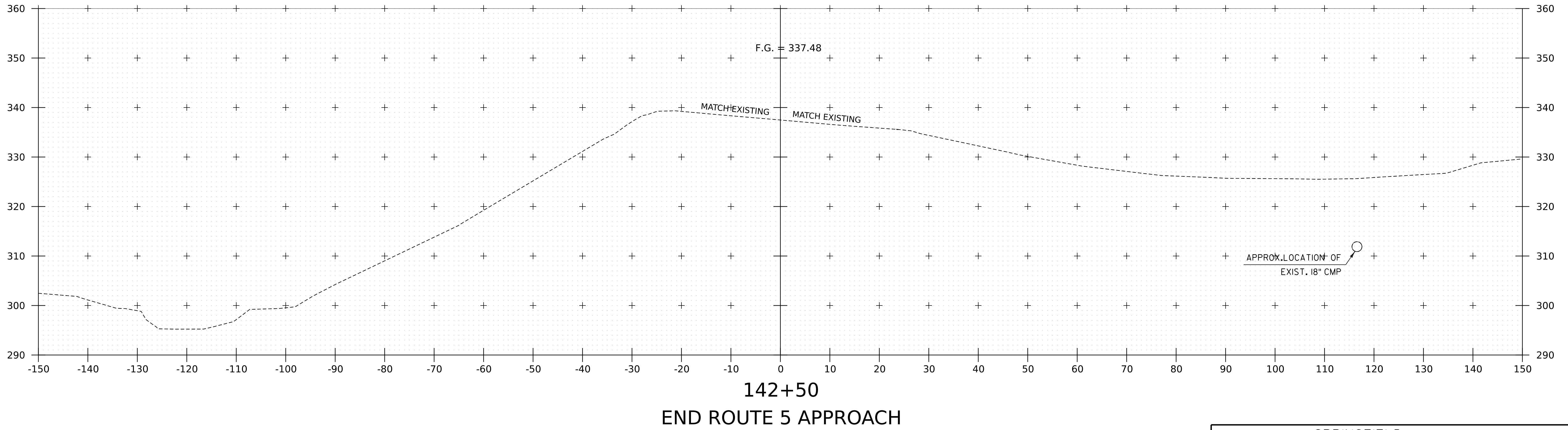
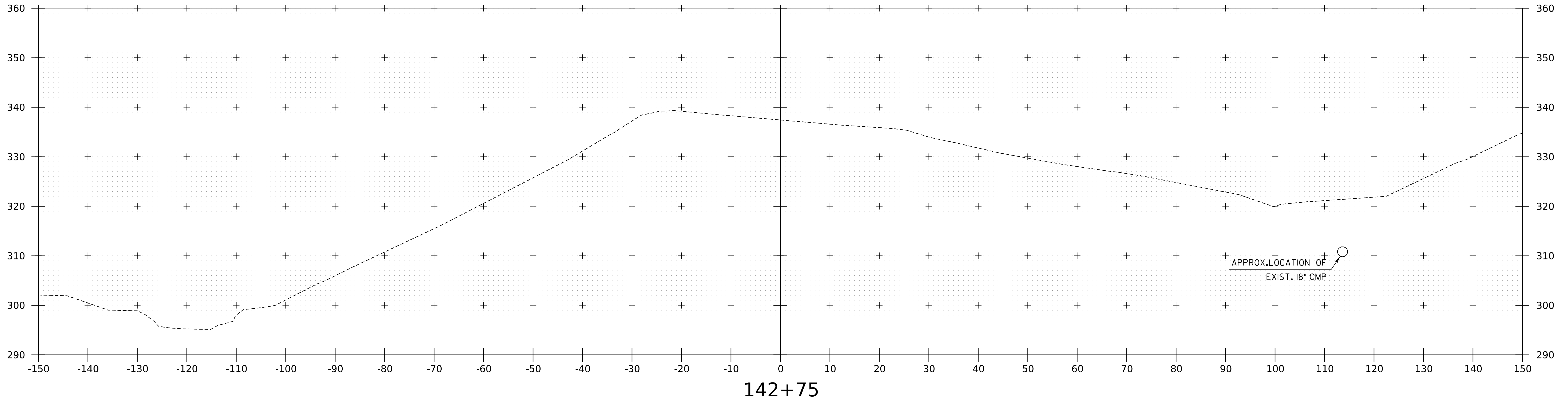
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.CharlestownRD.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	319 OF 439
DESIGNED BY:	C. HELMICK		
ROUTE 5 CROSS SECTIONS	37		



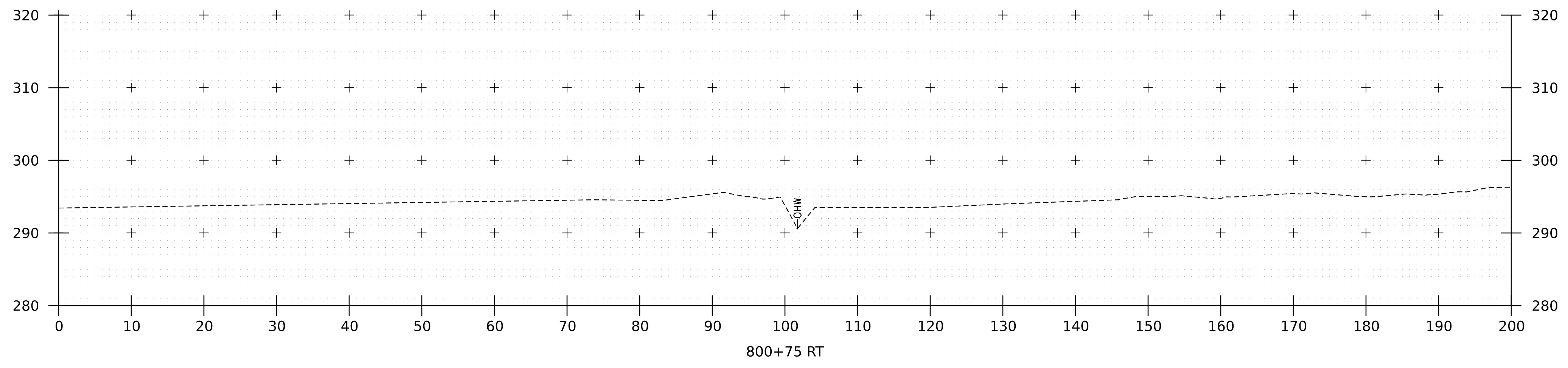
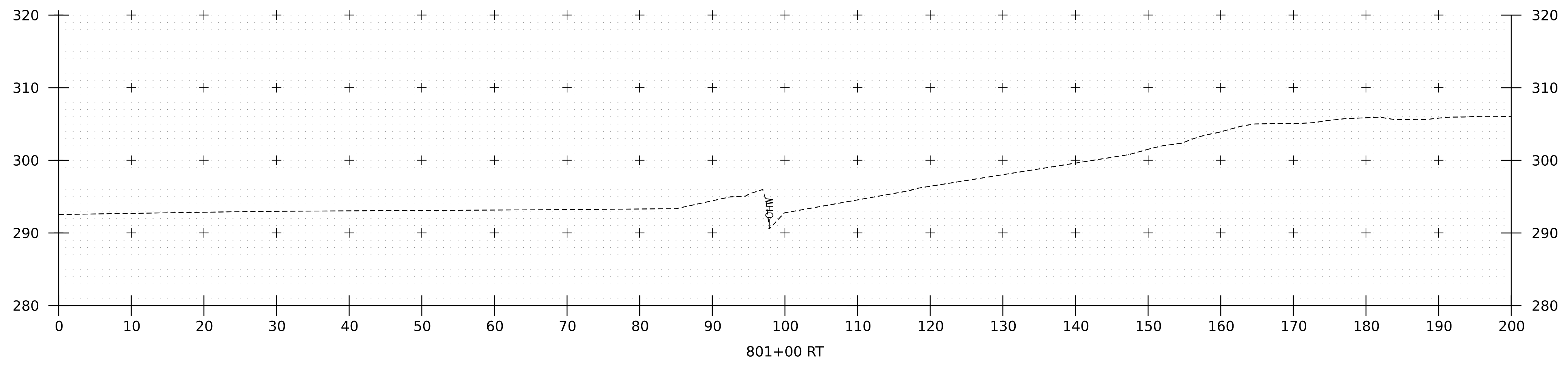
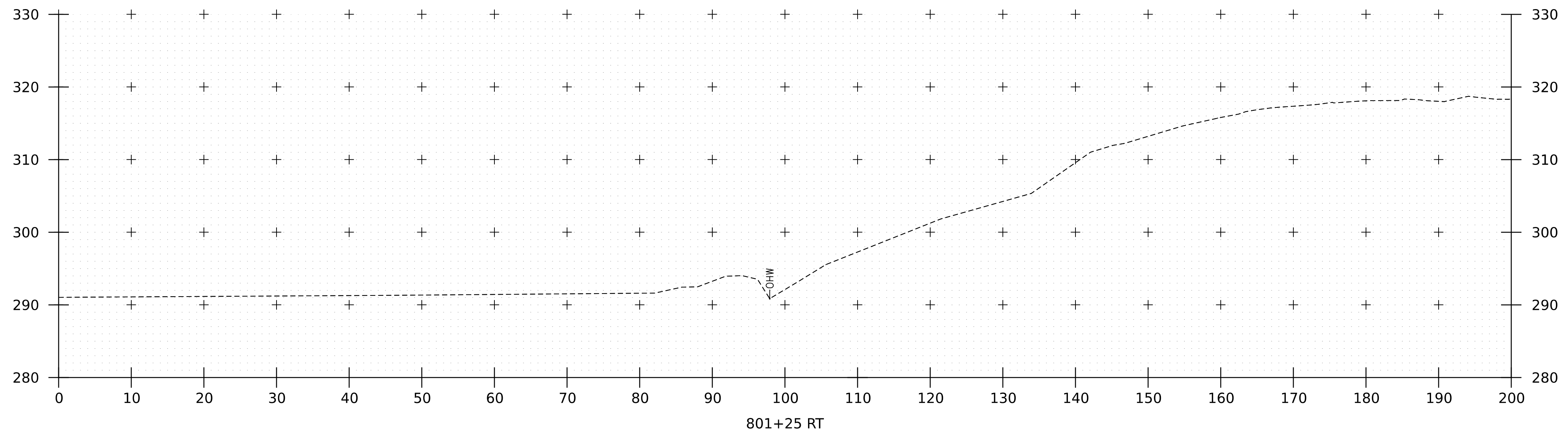
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_CharlestownRD.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
ROUTE 5 CROSS SECTIONS	38
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	320 OF 439



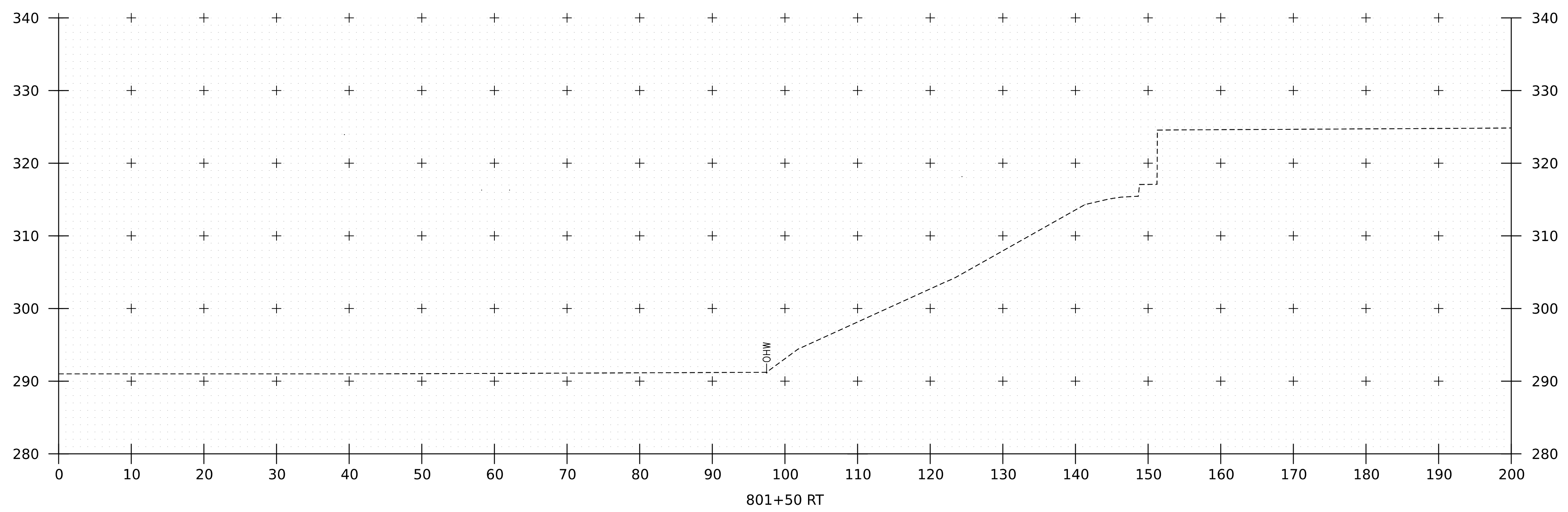
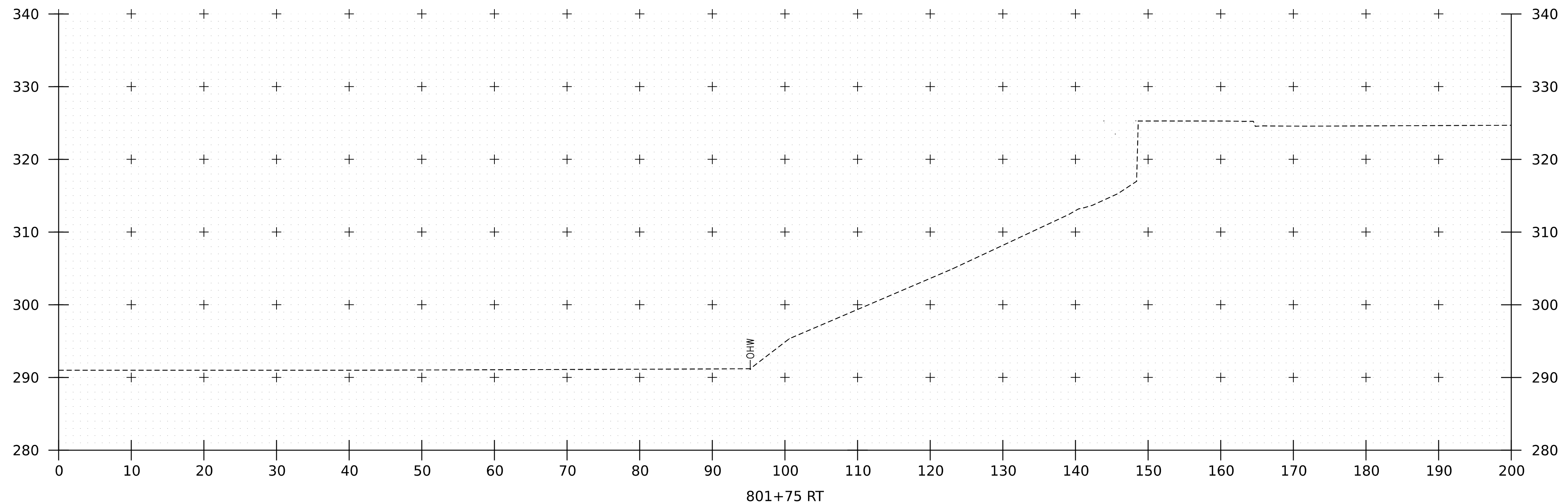
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs_Black_River.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
BLACK RIVER CHANNEL SECTIONS - RIGHT 1	SHEET 321 OF 439



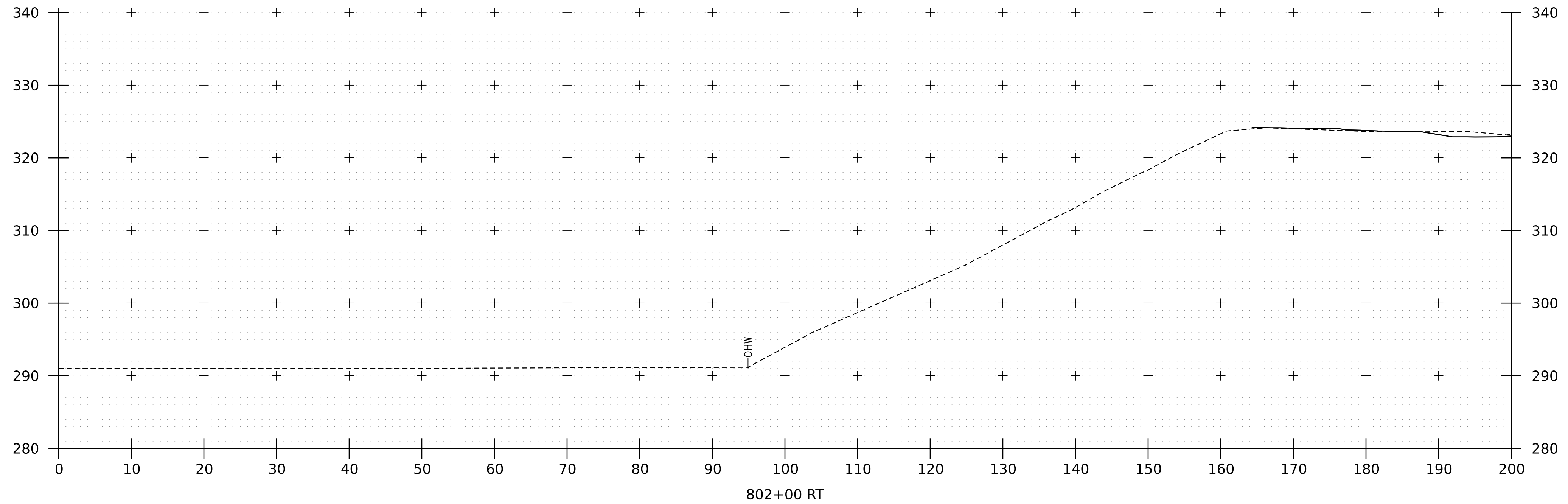
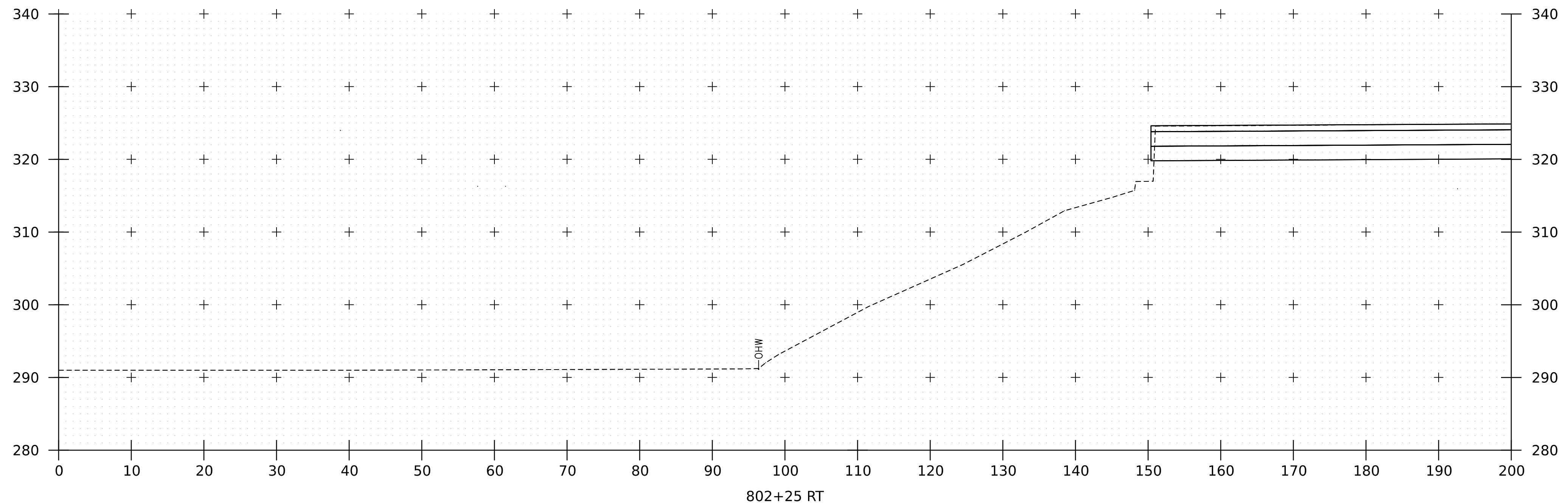
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_Black_River.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
BLACK RIVER CHANNEL SECTIONS - RIGHT 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	322 OF 439



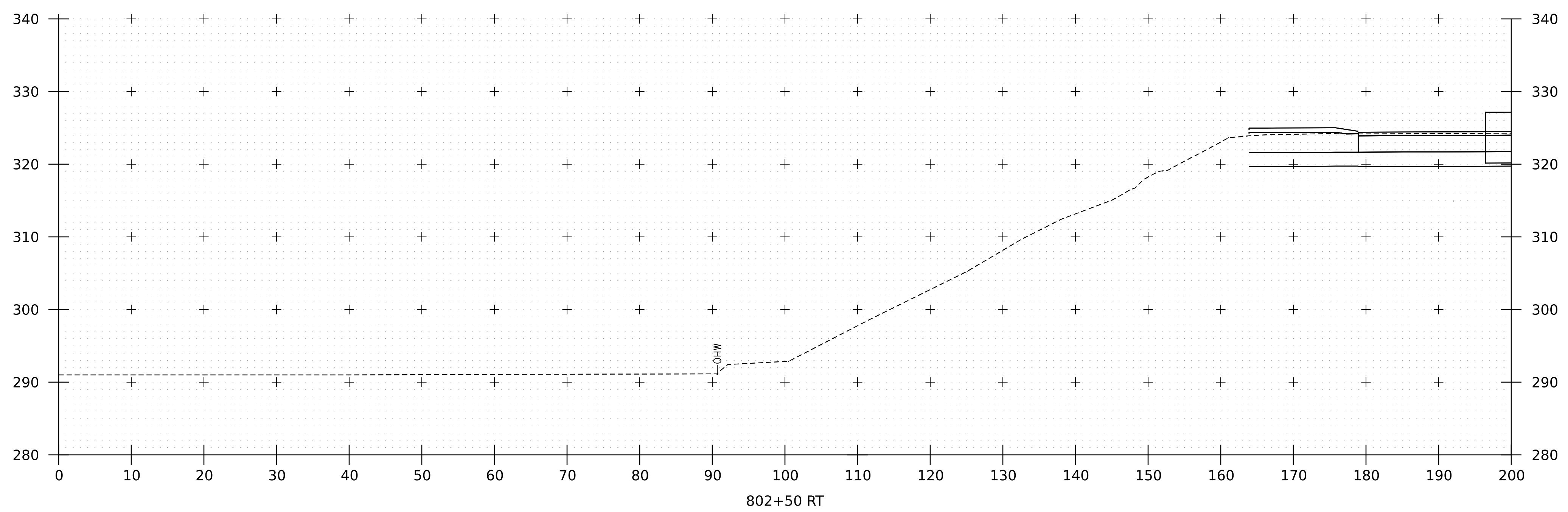
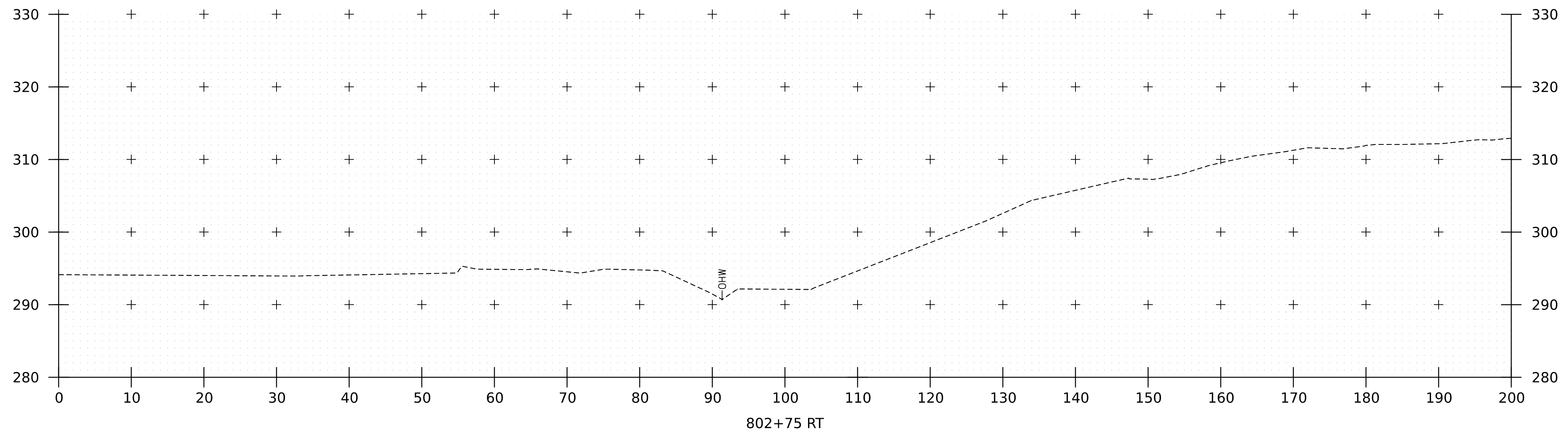
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs_Black_River.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	BLACK RIVER CHANNEL SECTIONS - RIGHT 3	SHEET 323 OF 439
DESIGNED BY:	C. HELMICK		



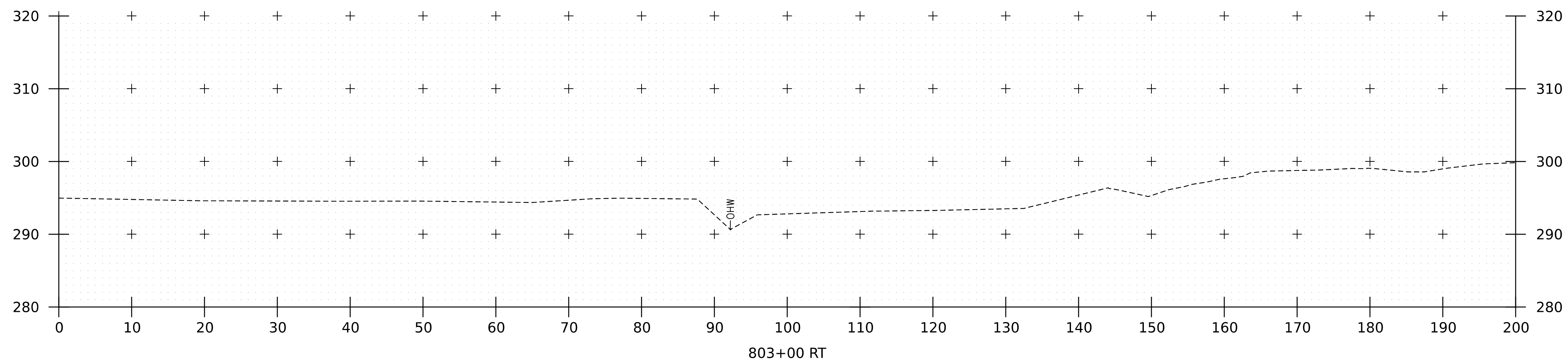
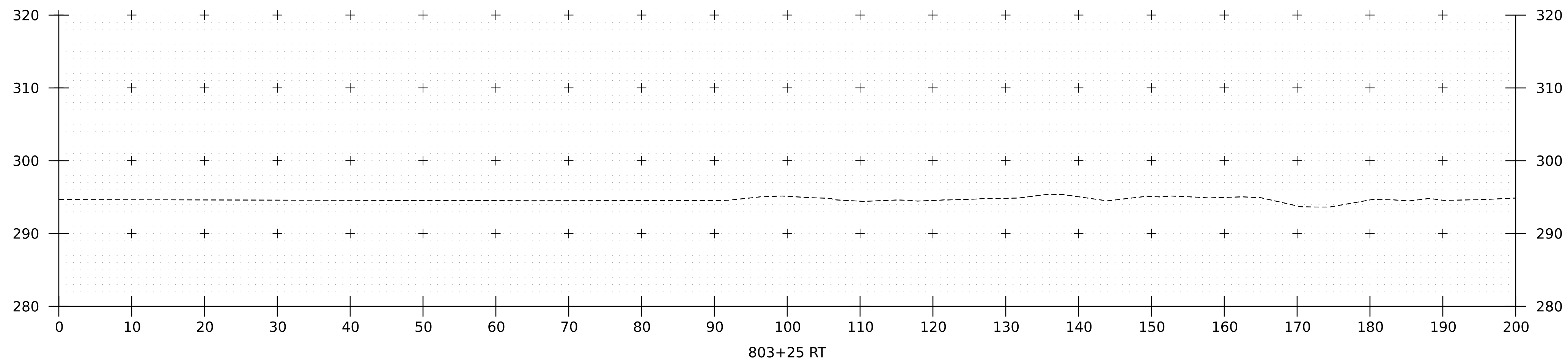
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. HELMICK
FILE NAME: z12a574xs_Black_River.dgn	CHECKED BY: L. DRISCOLL
PROJECT LEADER: J. OLUND	BLACK RIVER CHANNEL SECTIONS - RIGHT 4
DESIGNED BY: C. HELMICK	SHEET 324 OF 439



WORKING PLANS FOR REFERENCE ONLY

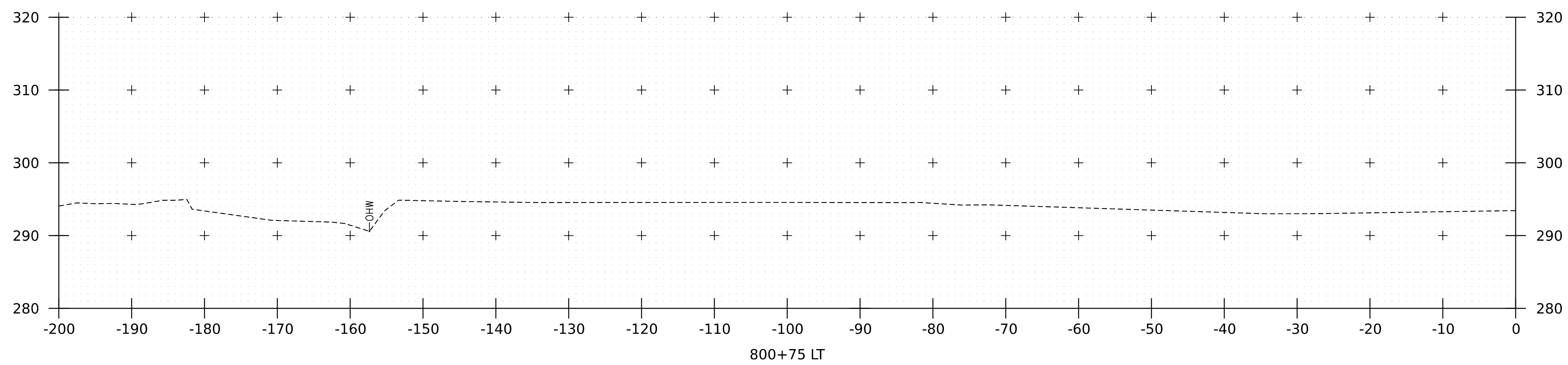
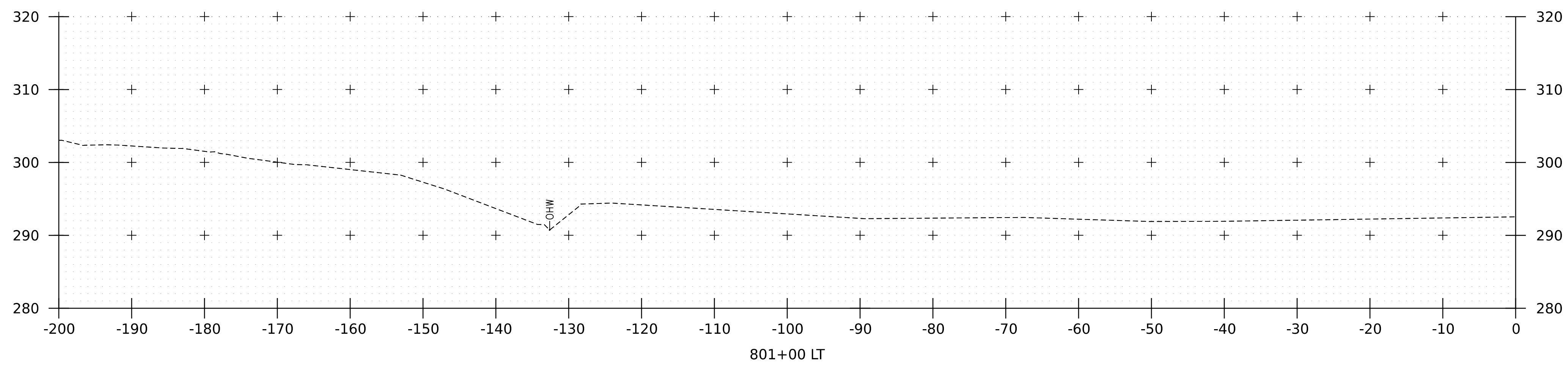
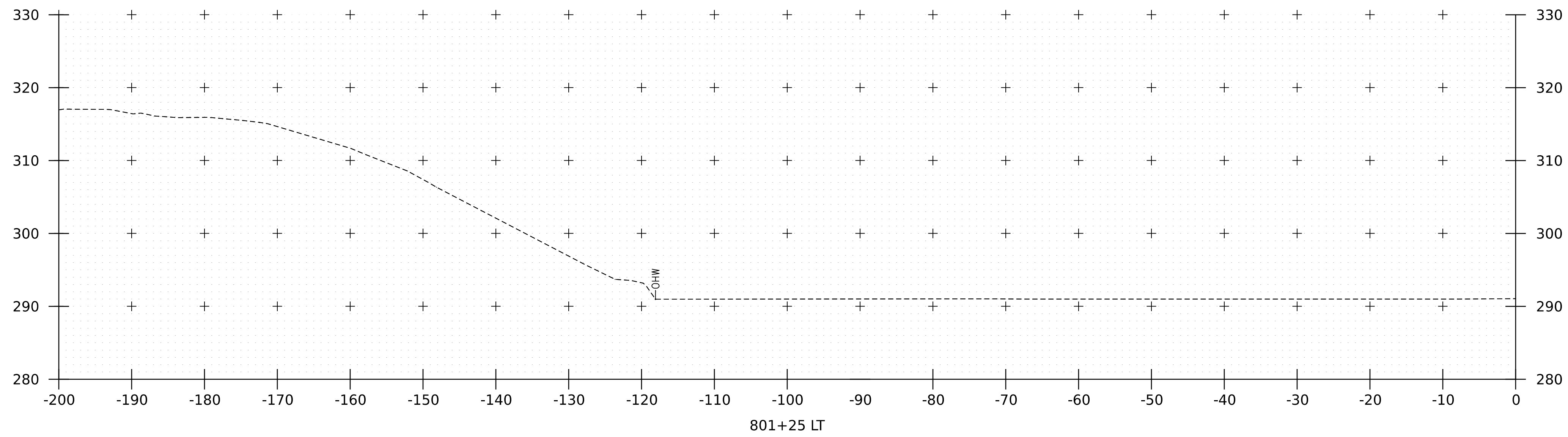


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_Black_River.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
BLACK RIVER CHANNEL SECTIONS - RIGHT 5 SHEET 325 OF 439



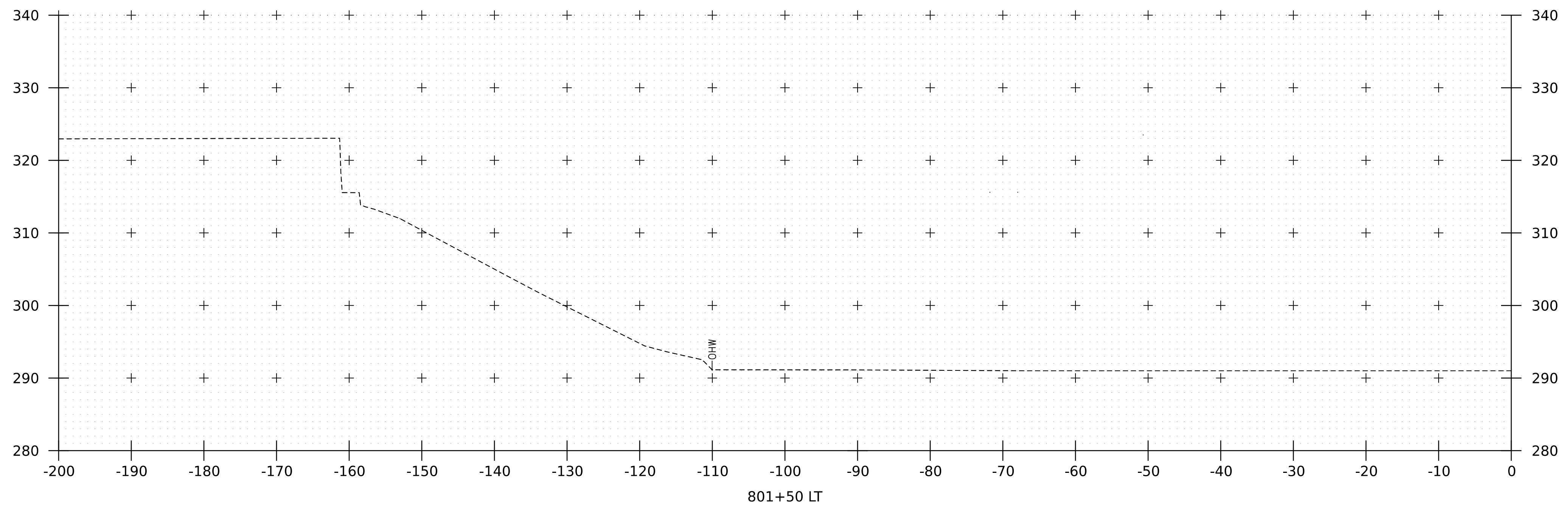
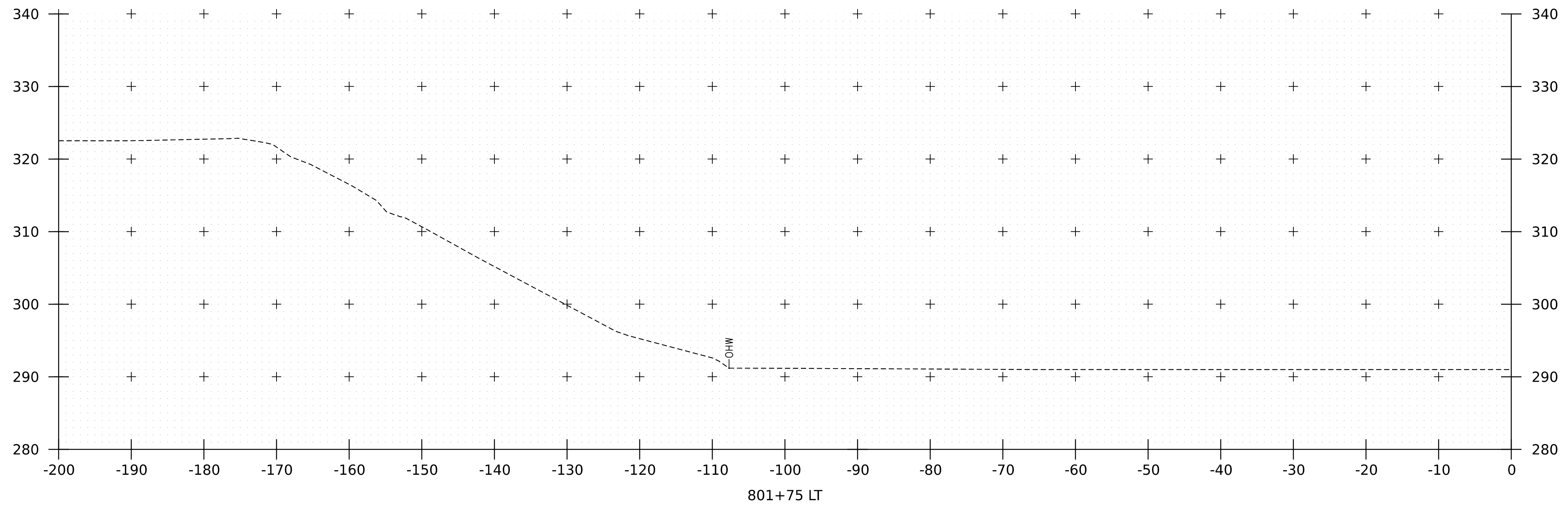
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_Black_River.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
BLACK RIVER CHANNEL SECTIONS - LEFT I	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	326 OF 439



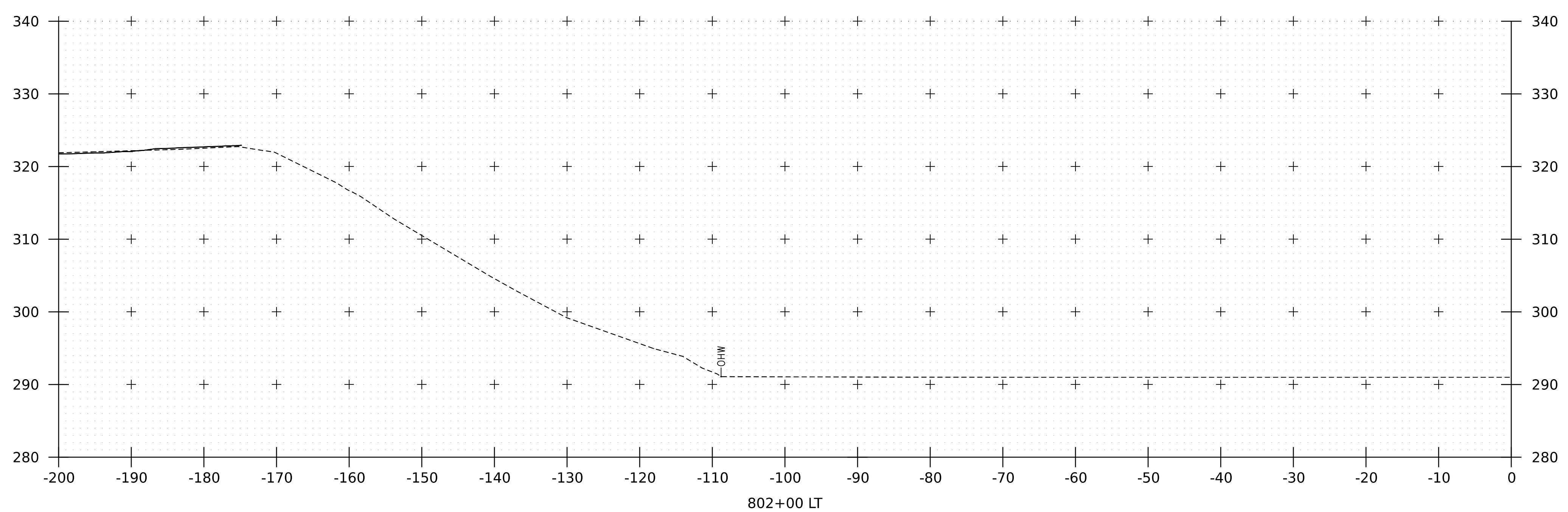
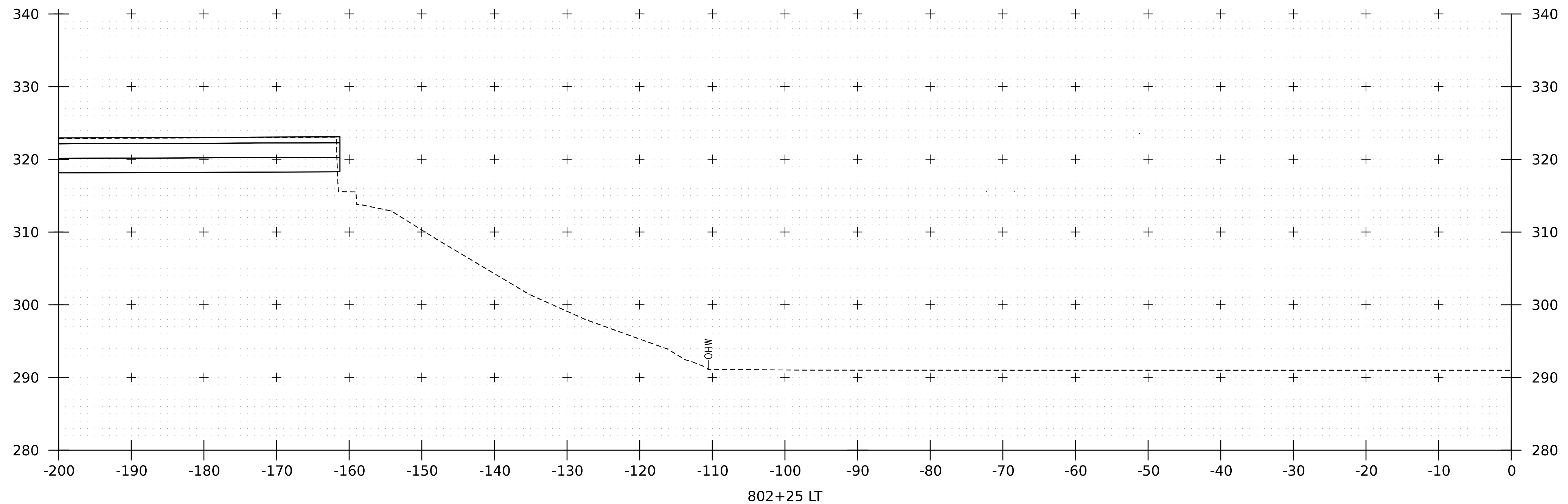
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_Black_River.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
BLACK RIVER CHANNEL SECTIONS - LEFT 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	327 OF 439



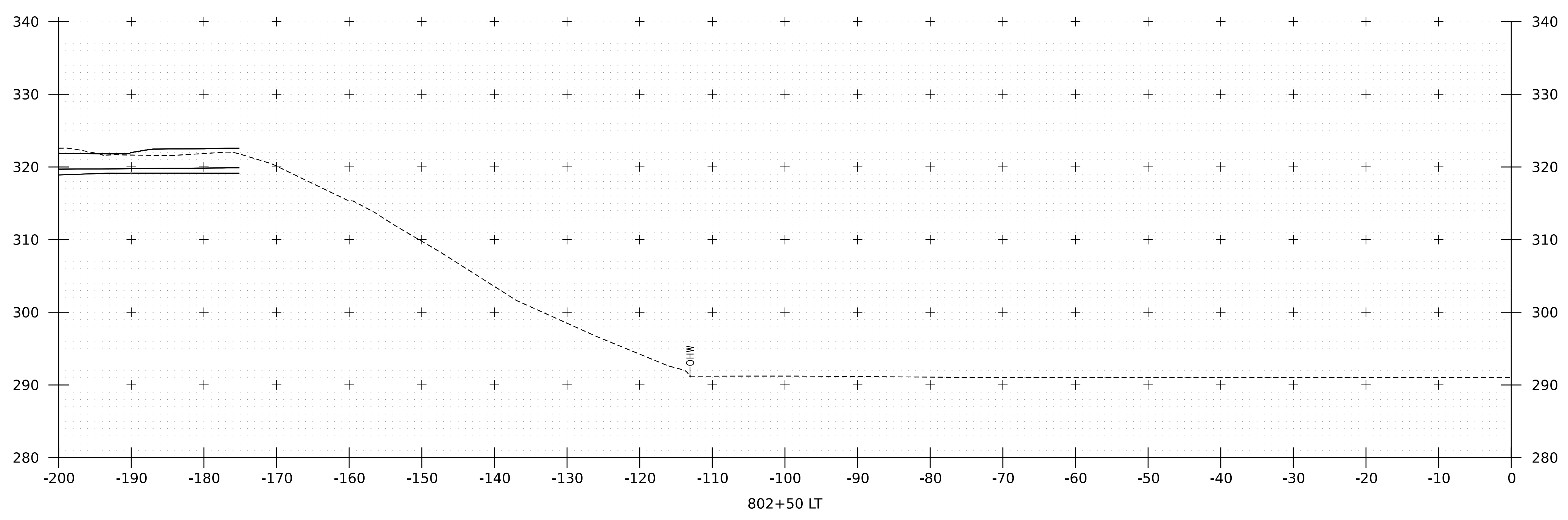
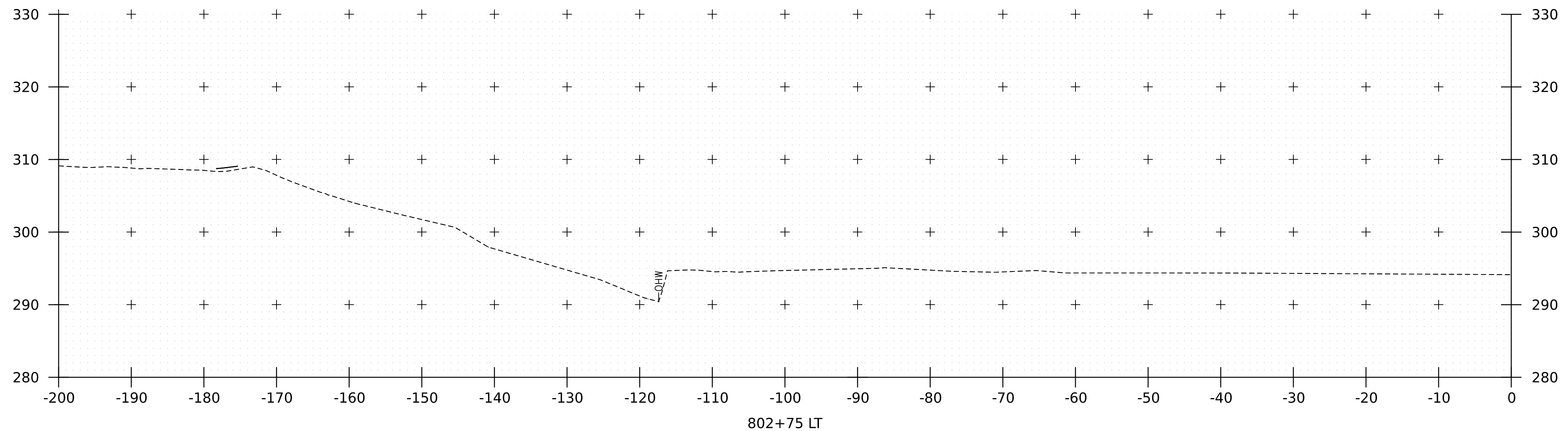
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs_Black_River.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
BLACK RIVER CHANNEL SECTIONS - LEFT 3	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	328 OF 439



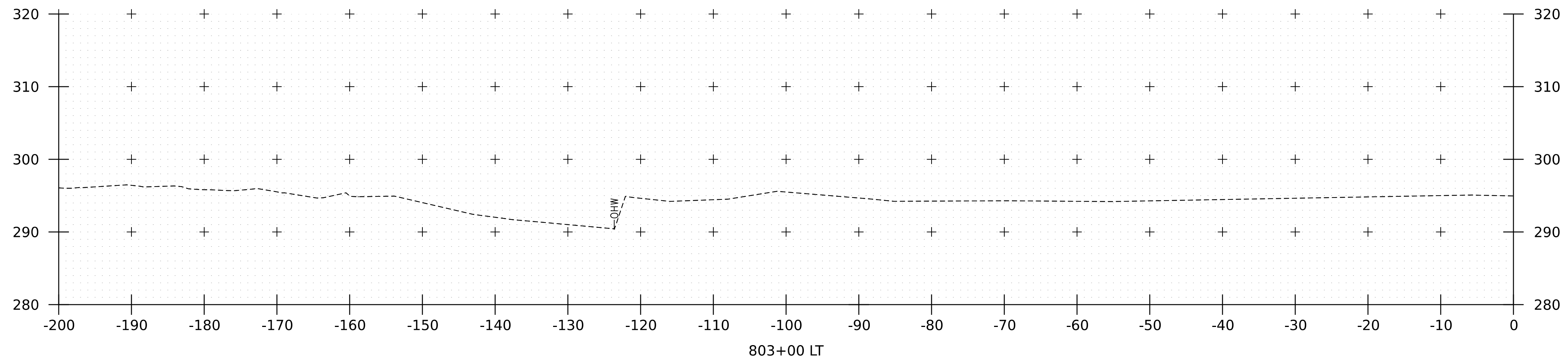
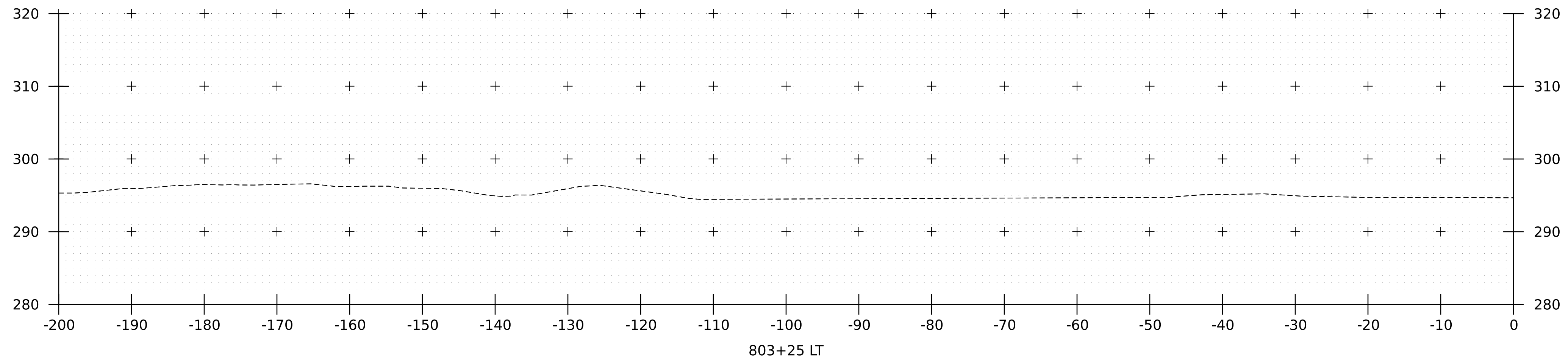
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs_Black_River.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
BLACK RIVER CHANNEL SECTIONS - LEFT 4	SHEET 329 OF 439



WORKING PLANS FOR REFERENCE ONLY

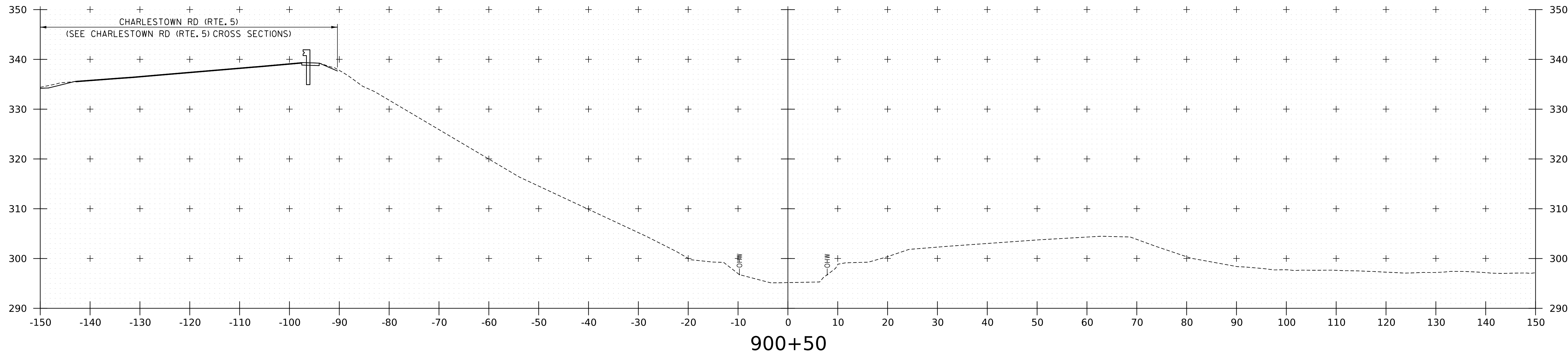
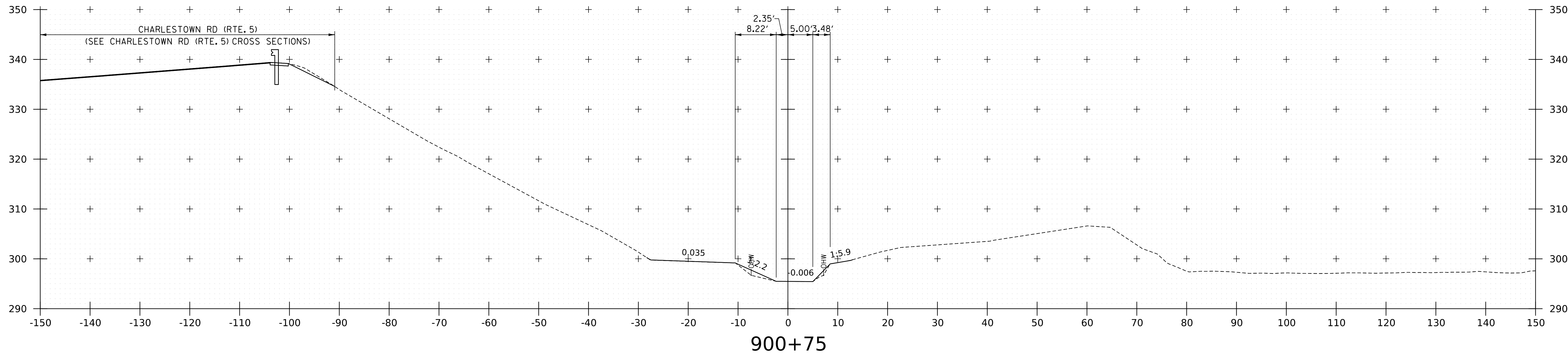


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574xs_Black_River.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK CHECKED BY: L. DRISCOLL
BLACK RIVER CHANNEL SECTIONS - LEFT 5 SHEET 330 OF 439



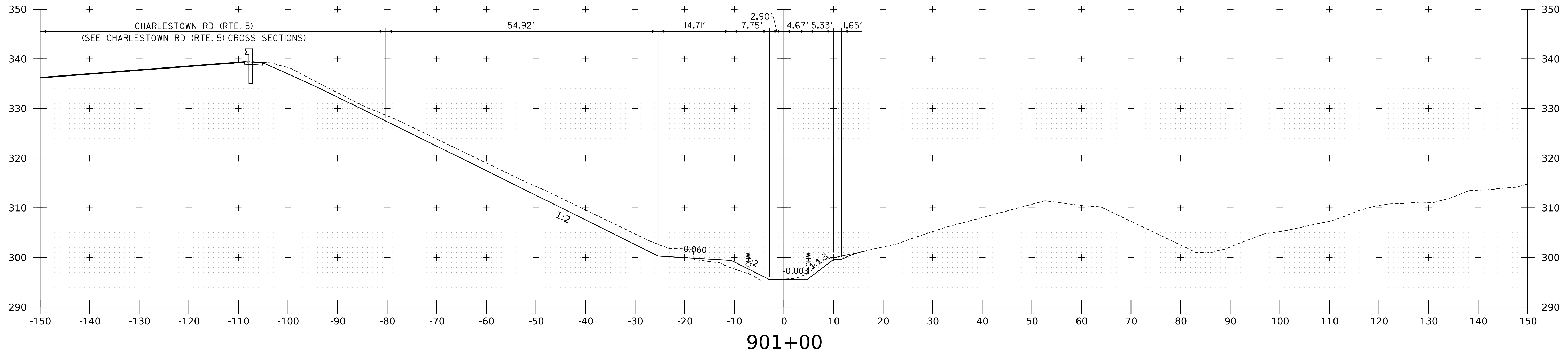
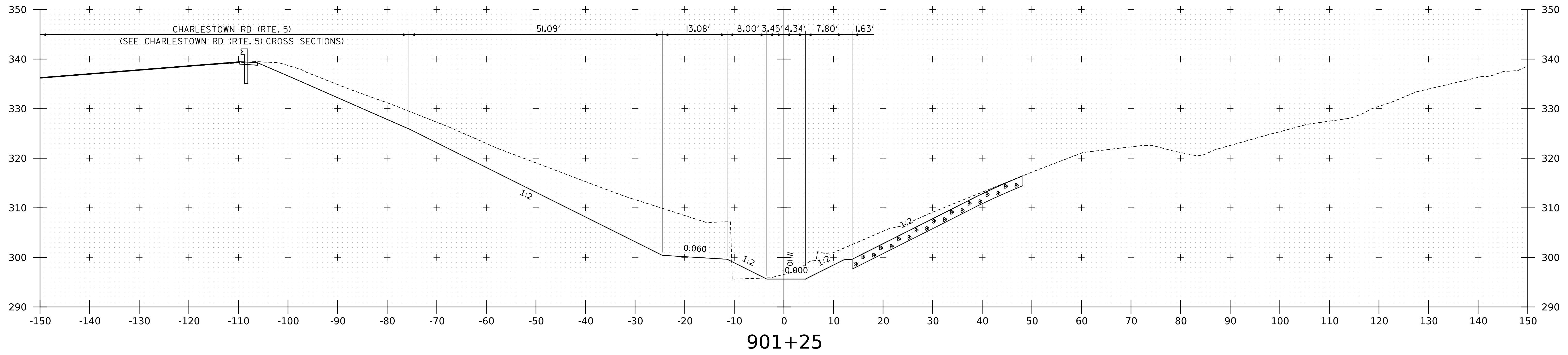
WORKING PLANS FOR REFERENCE ONLY



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.Spencer_Brook.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
SPENCER BROOK CHANNEL SECTIONS I	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	331 OF 439

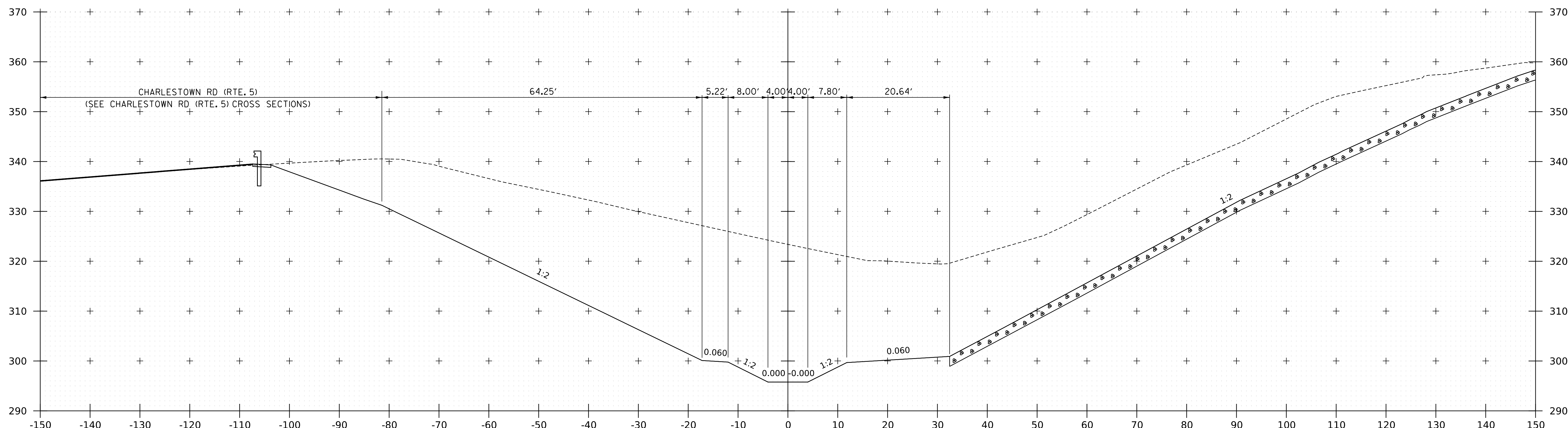


WORKING PLANS FOR REFERENCE ONLY

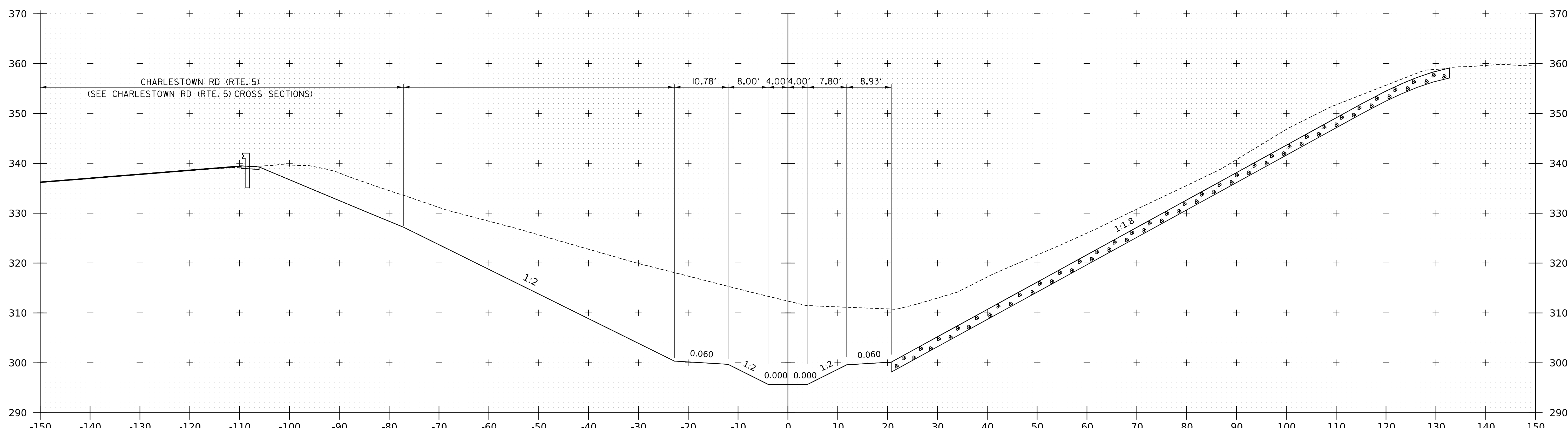


PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574xs.Spencer_Brook.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	C. HELMICK
SPENCER BROOK CHANNEL SECTIONS 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	C. HELMICK
CHECKED BY:	L. DRISCOLL
SHEET	332 OF 439





901+75

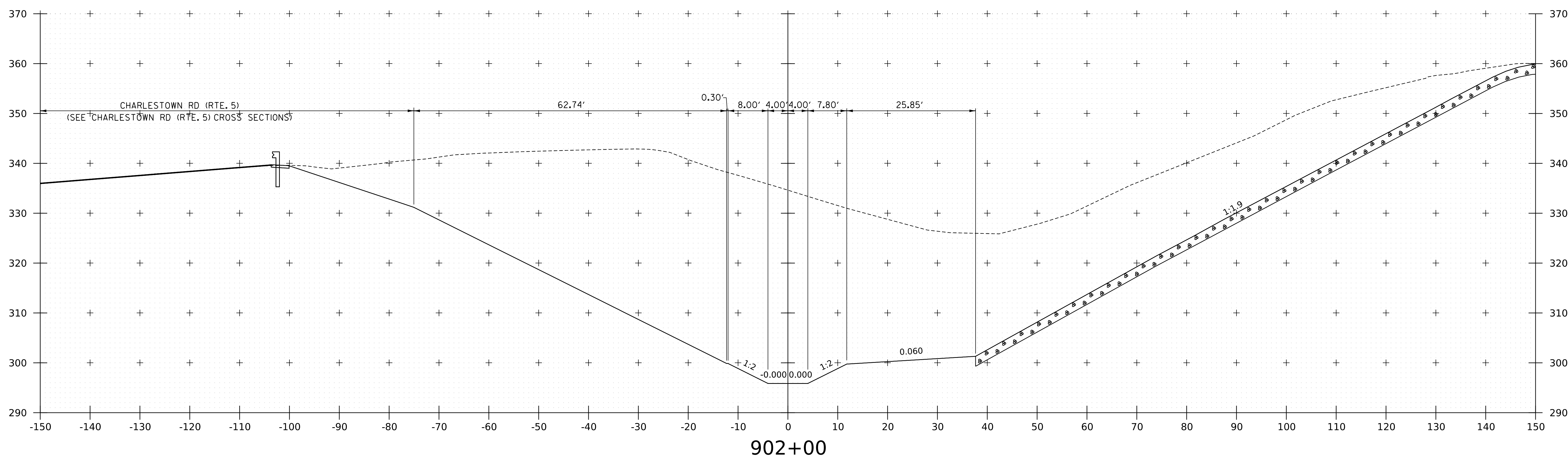
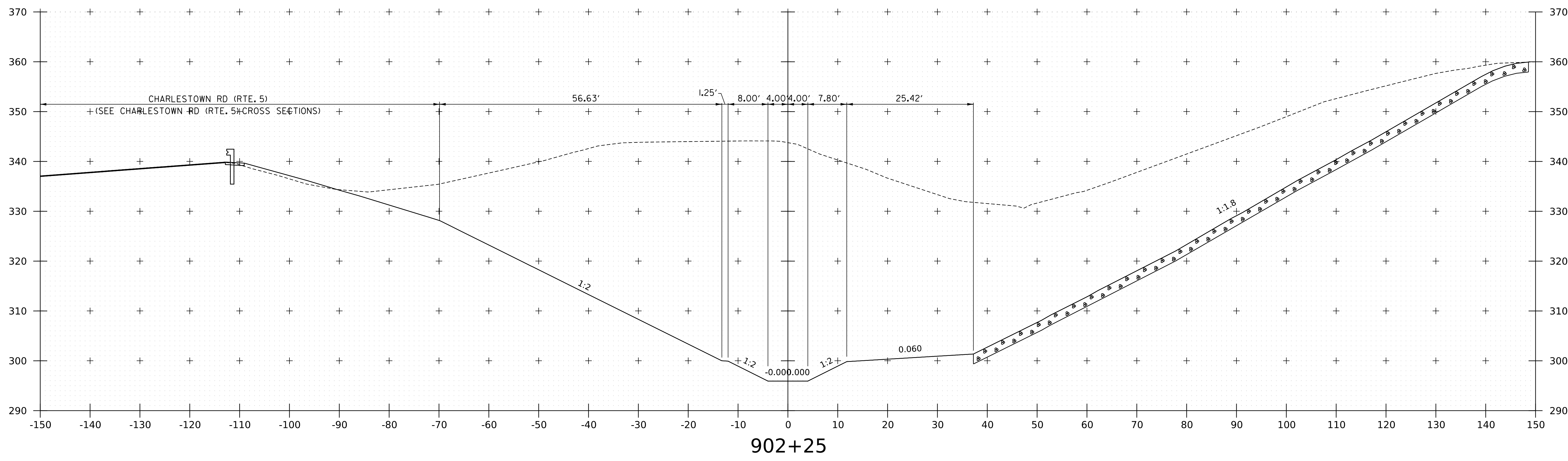


901+50

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.Spencer_Brook.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
SPENCER BROOK CHANNEL SECTIONS 3	SHEET 333 OF 439

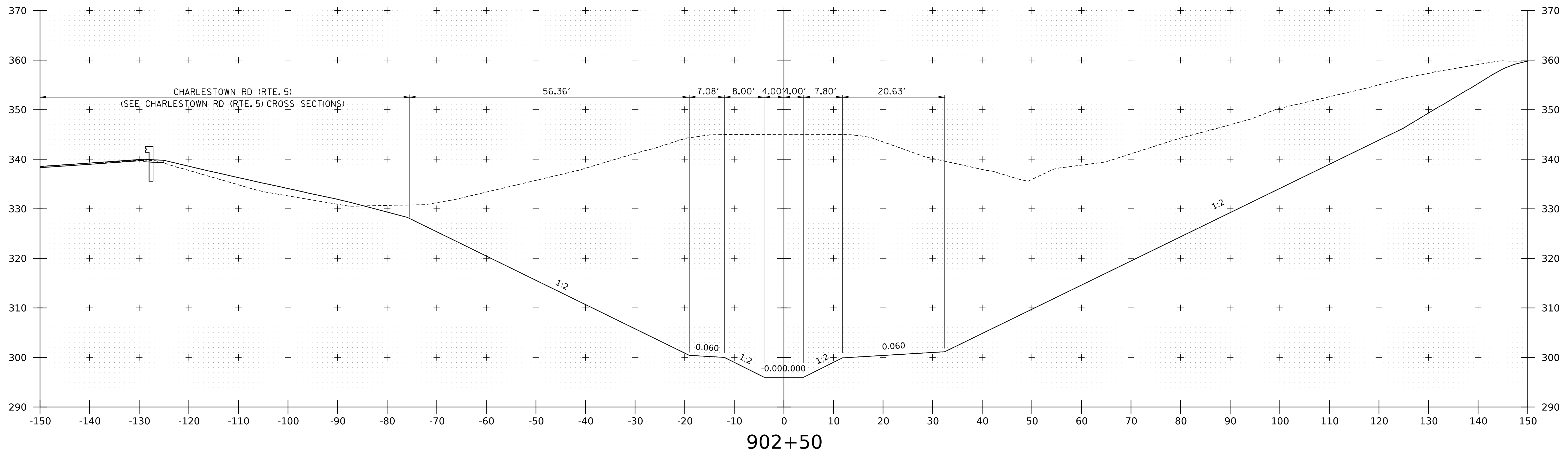
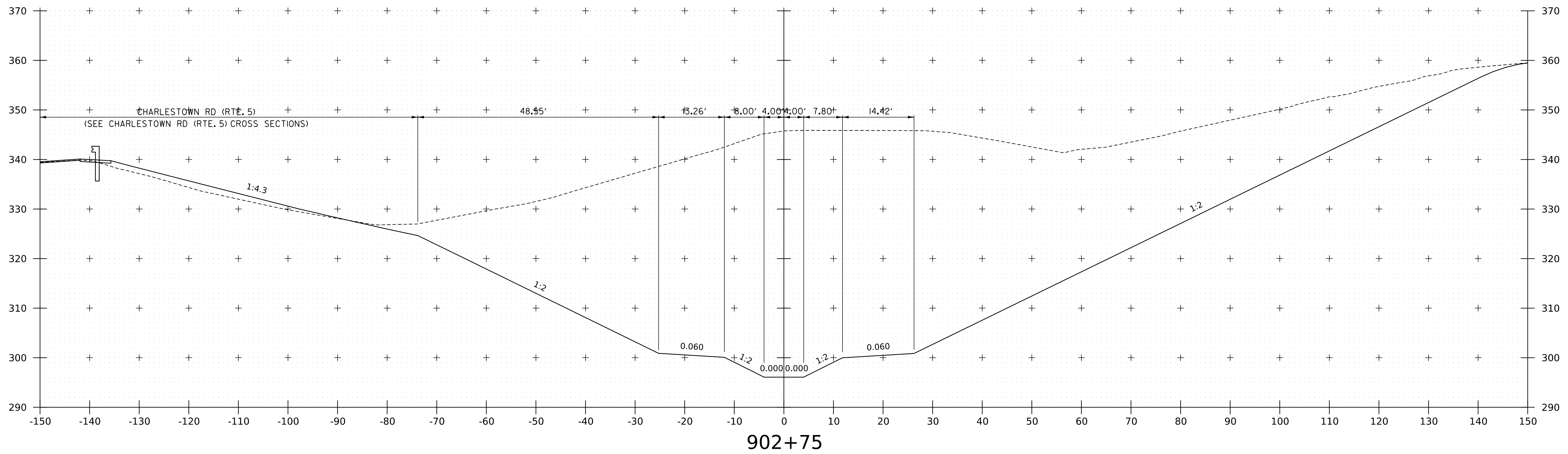




WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs.Spencer_Brook.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
SPENCER BROOK CHANNEL SECTIONS 4	SHEET 334 OF 439

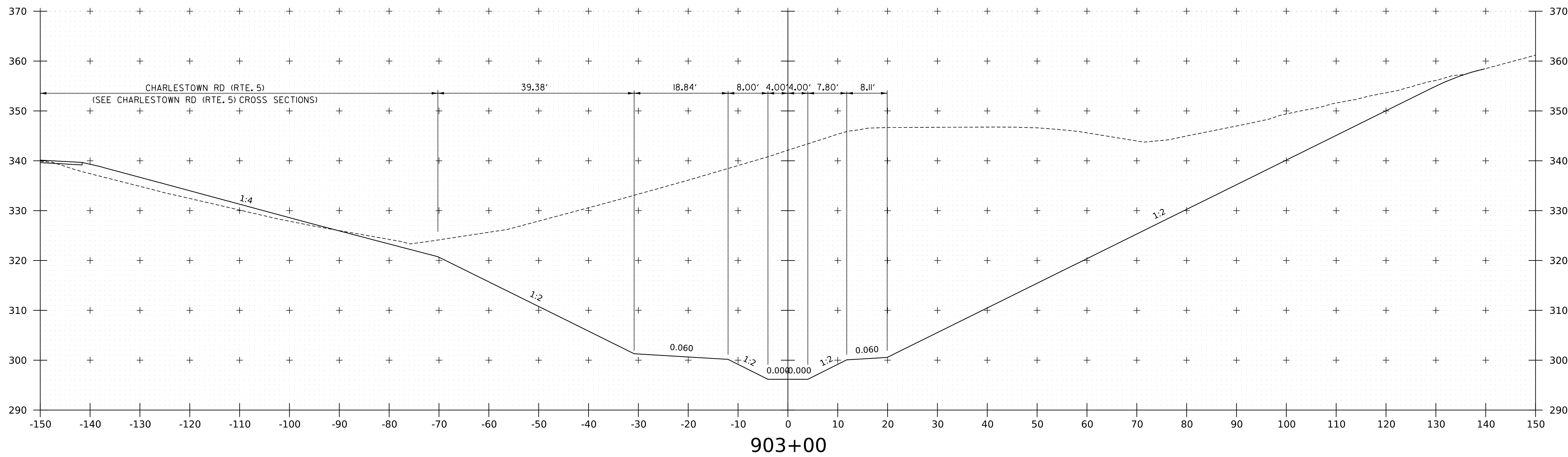
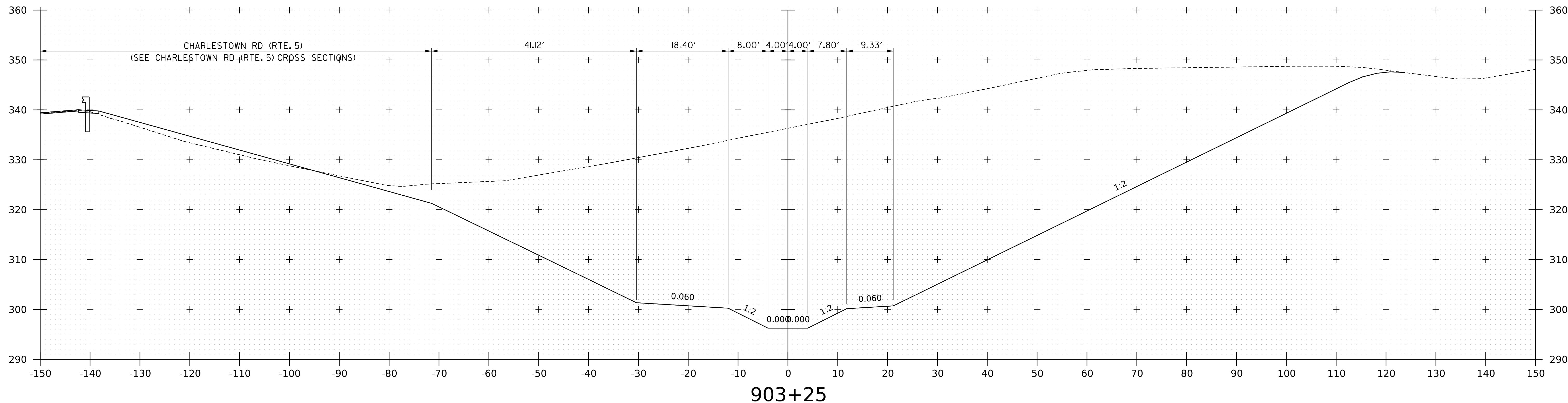




WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME: z12a574xs.Spencer_Brook.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
SPENCER BROOK CHANNEL SECTIONS 5	SHEET 335 OF 439

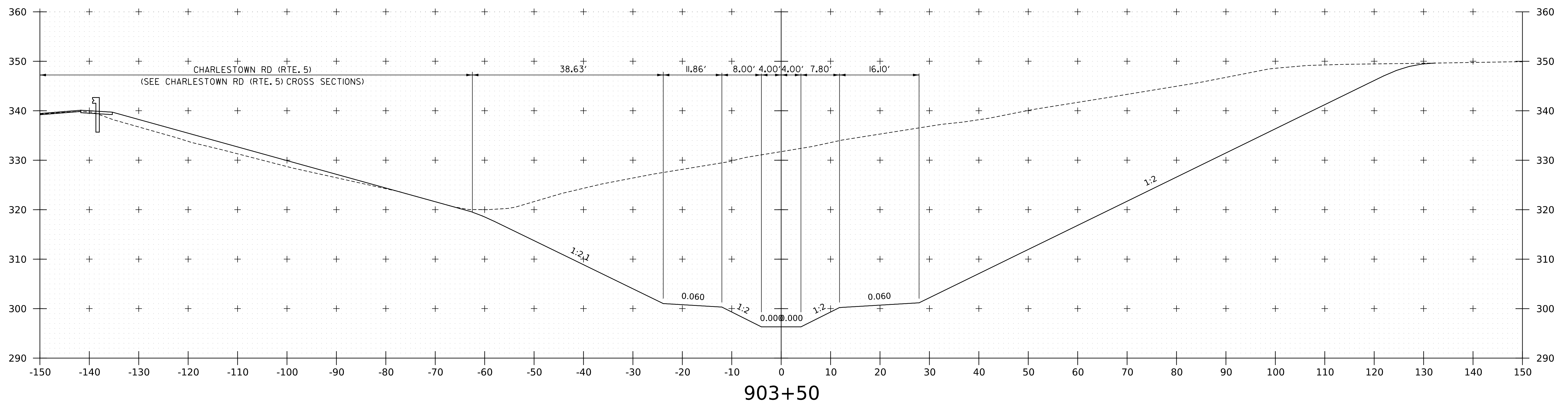
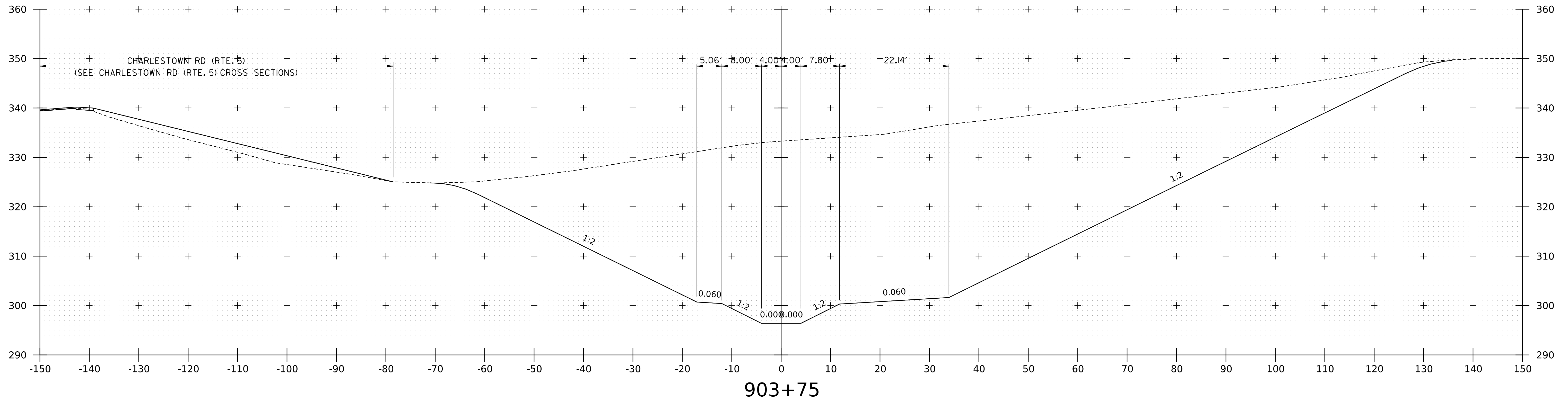




WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME: VAOT PROJECT NAME	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574xs_Spencer_Brook.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
SPENCER BROOK CHANNEL SECTIONS 6	SHEET 336 OF 439

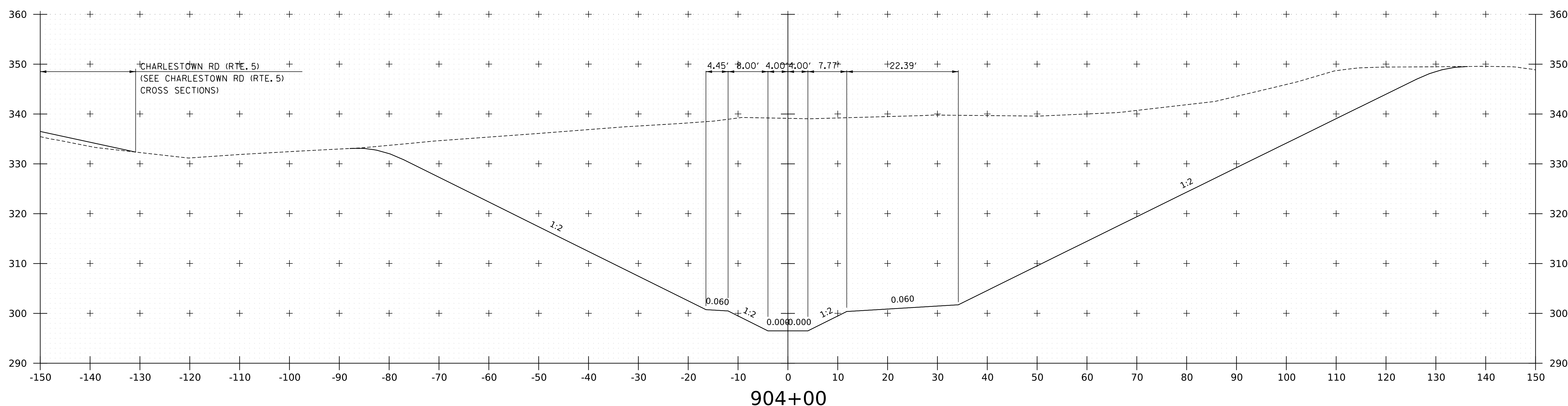
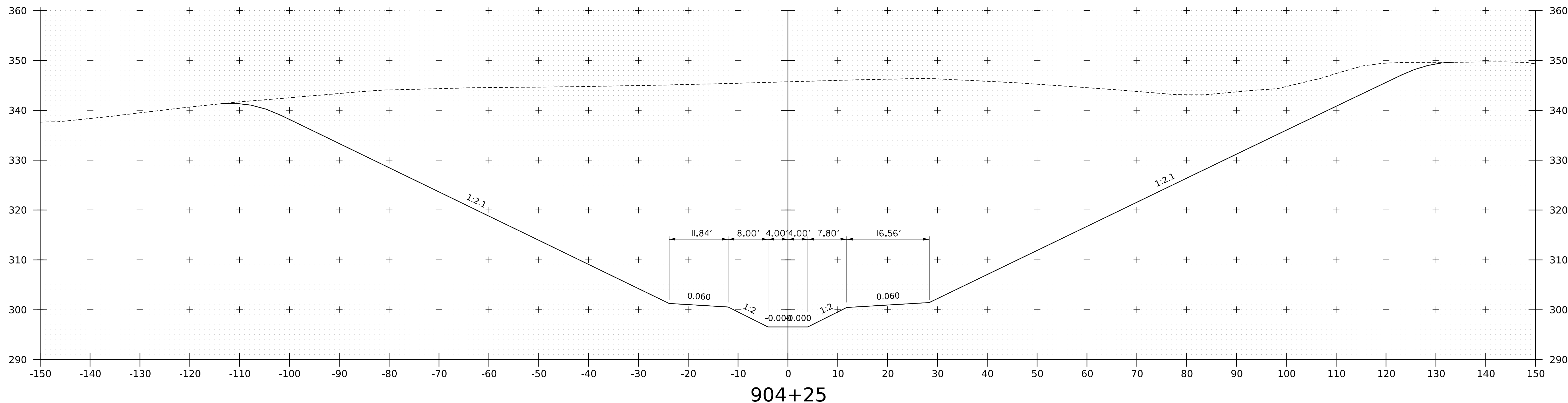




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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. HELMICK
FILE NAME:	z12a574xs.Spencer_Brook.dgn	CHECKED BY:	L. DRISCOLL
PROJECT LEADER:	J. OLUND	SHEET	337 OF 439
DESIGNED BY:	C. HELMICK	SPENCER BROOK CHANNEL SECTIONS 7	



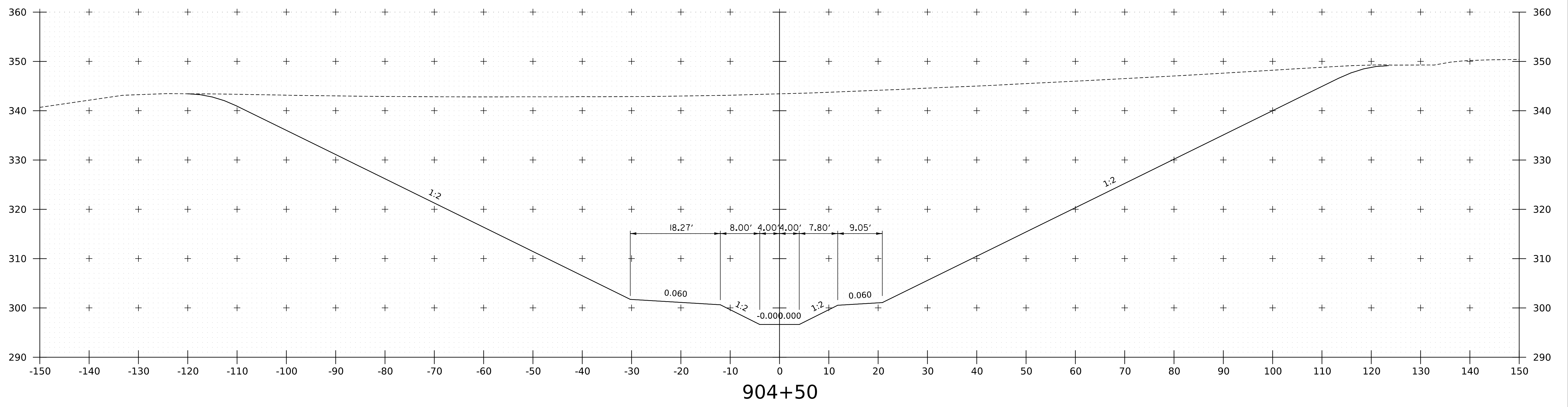
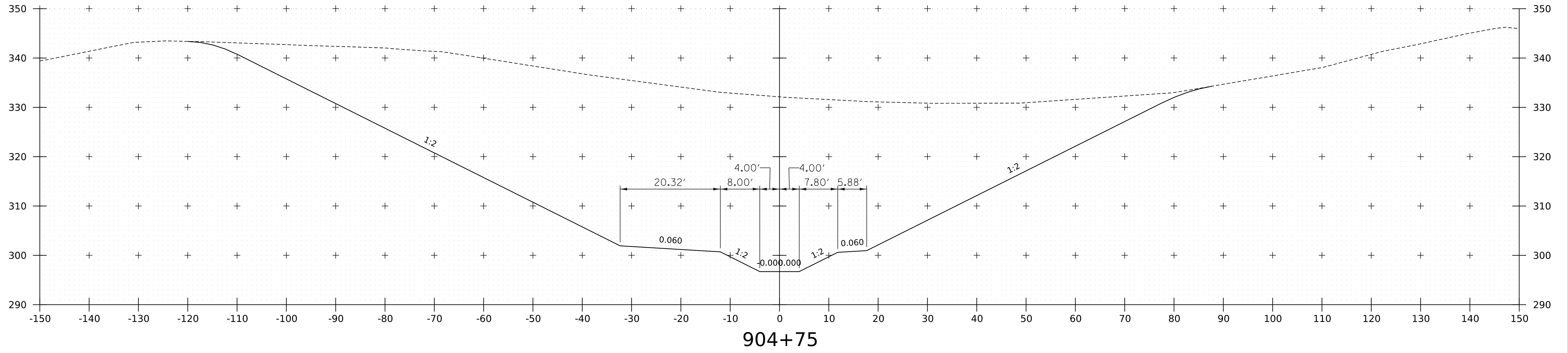


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PROJECT LEADER: J. OLUND	DRAWN BY: C. HELMICK
DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
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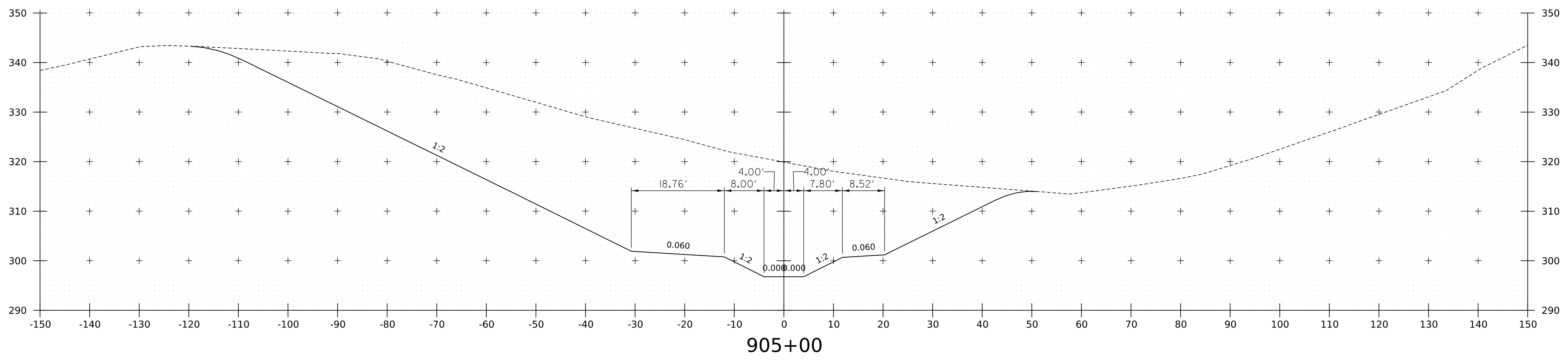
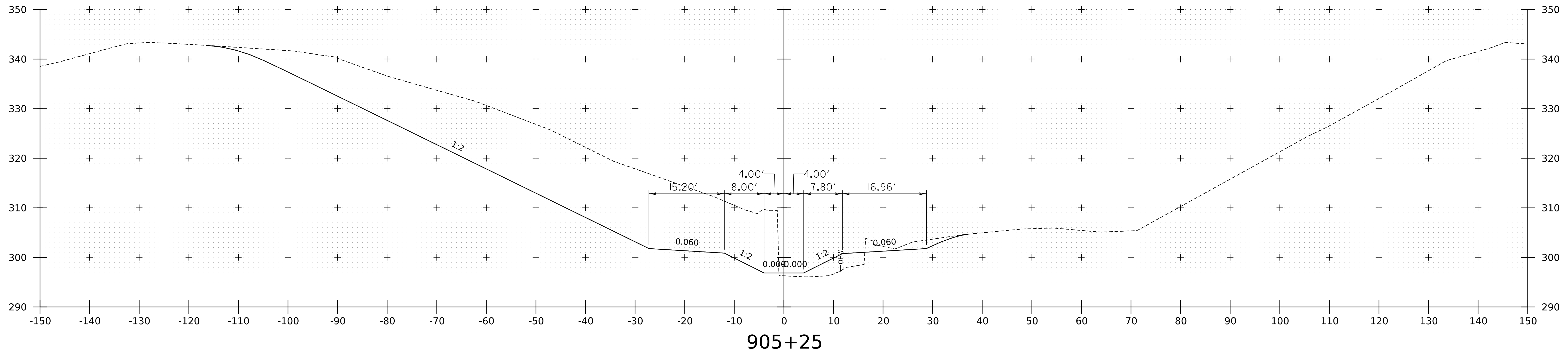
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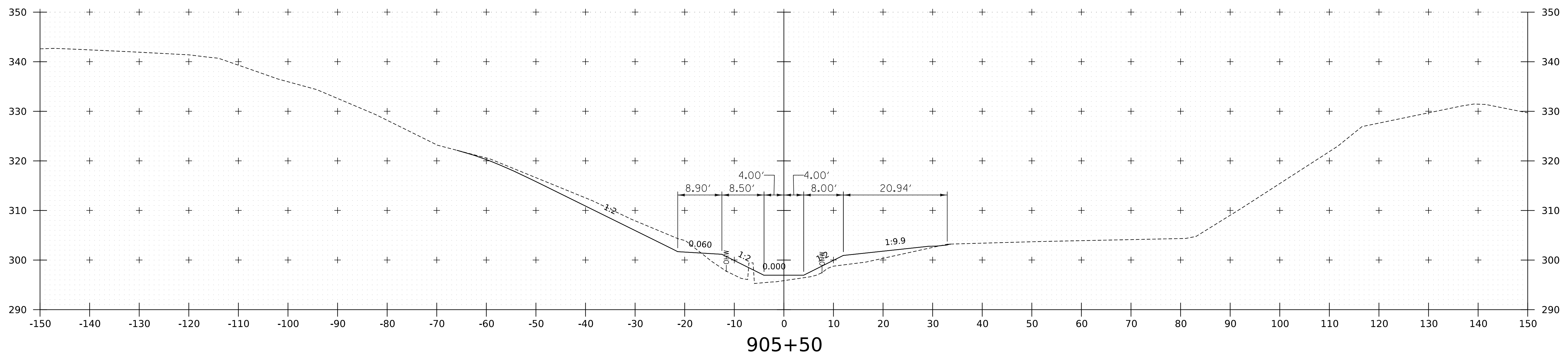
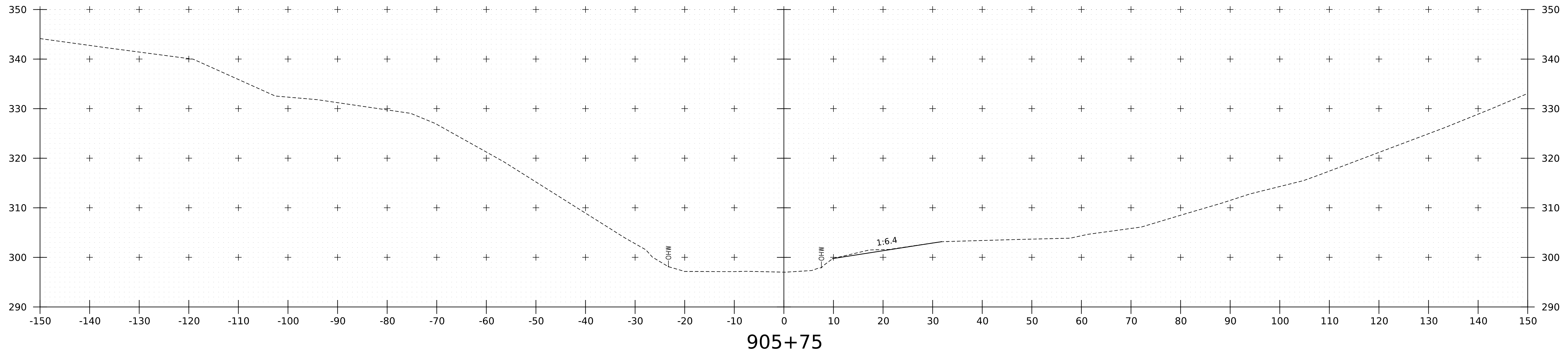
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DRAWN BY:	C. HELMICK
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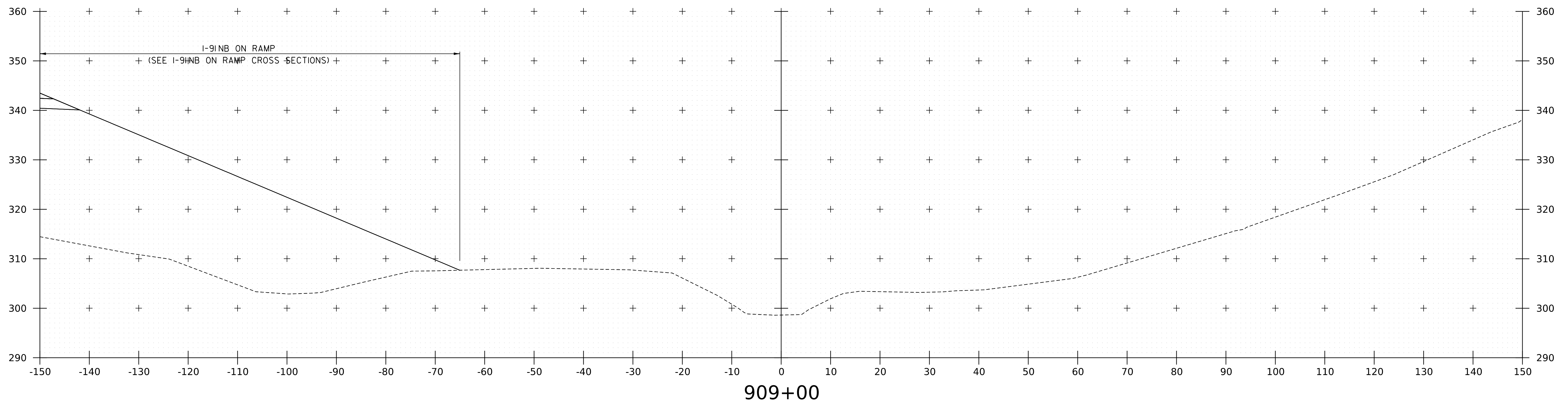
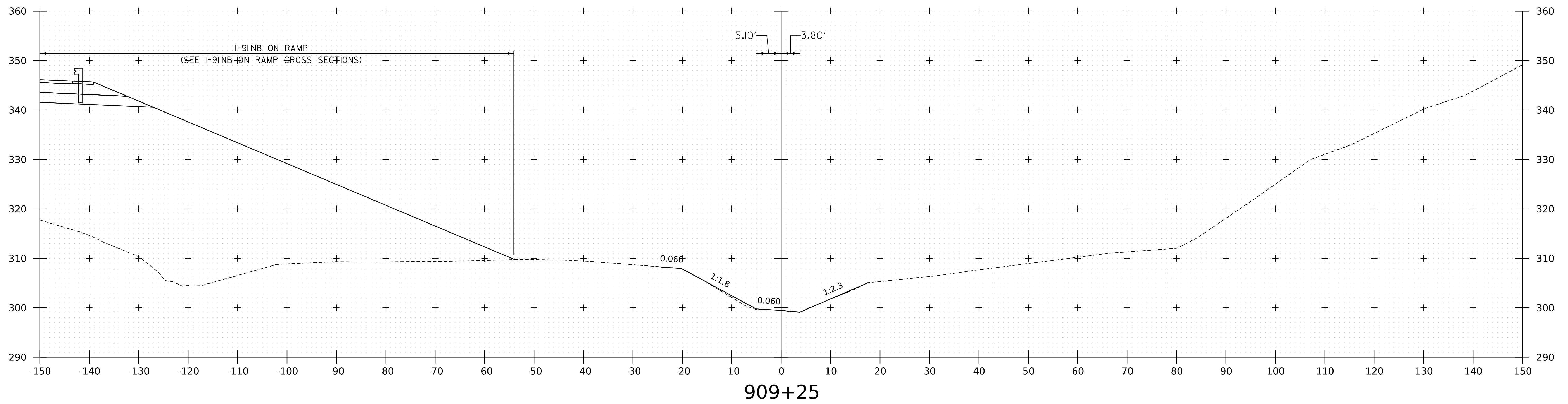
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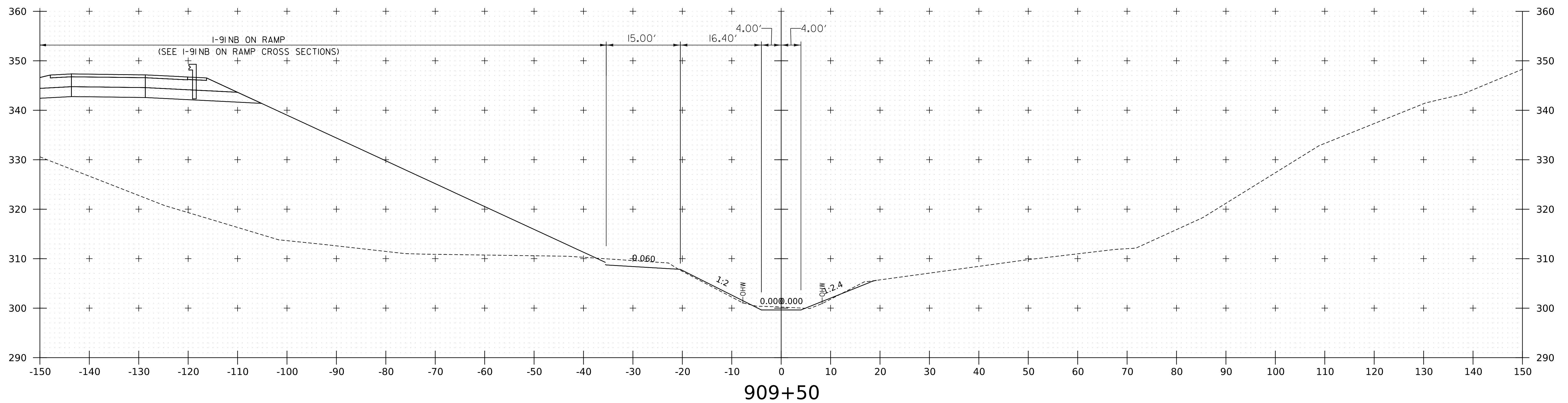
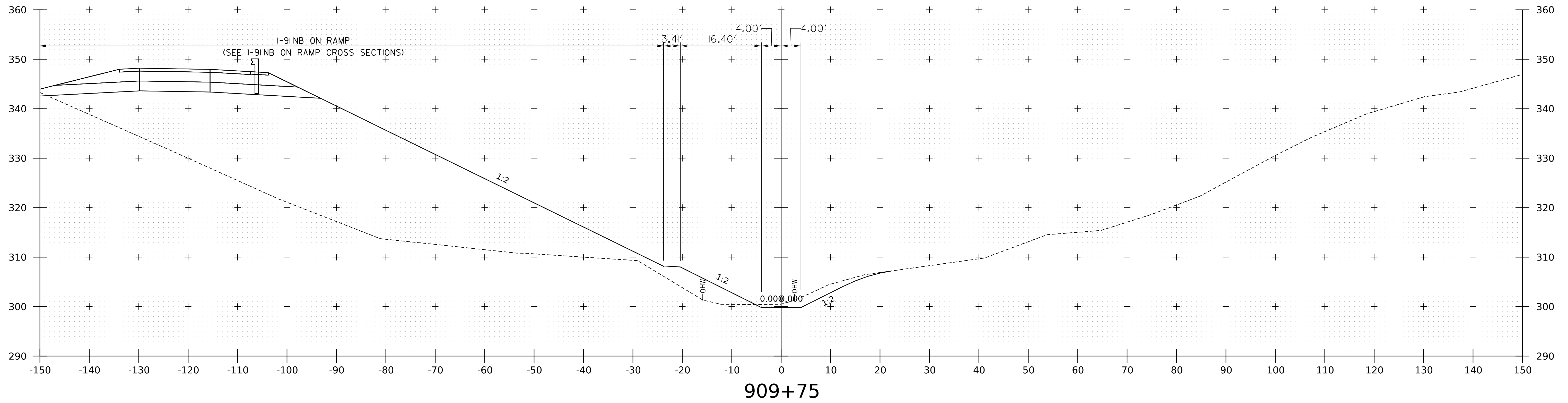
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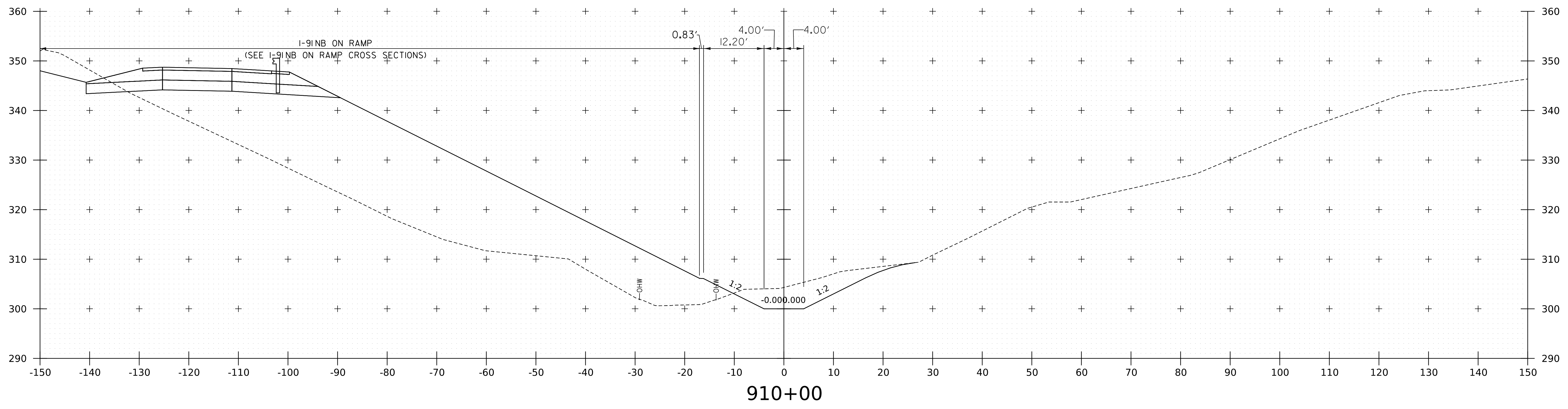
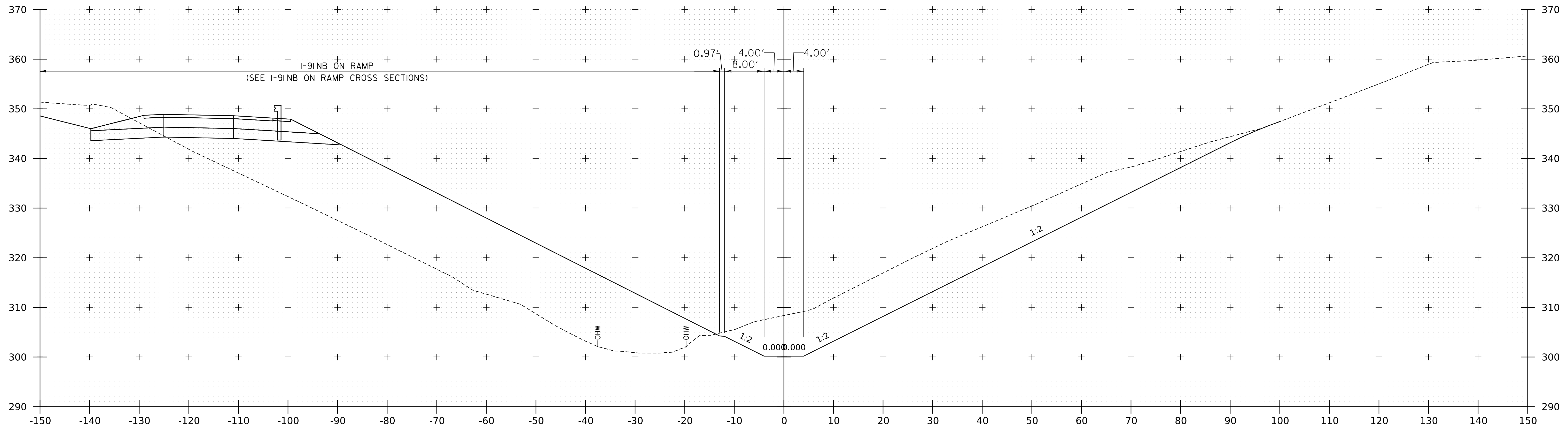


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DESIGNED BY:	C. HELMICK
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CHECKED BY:	L. DRISCOLL
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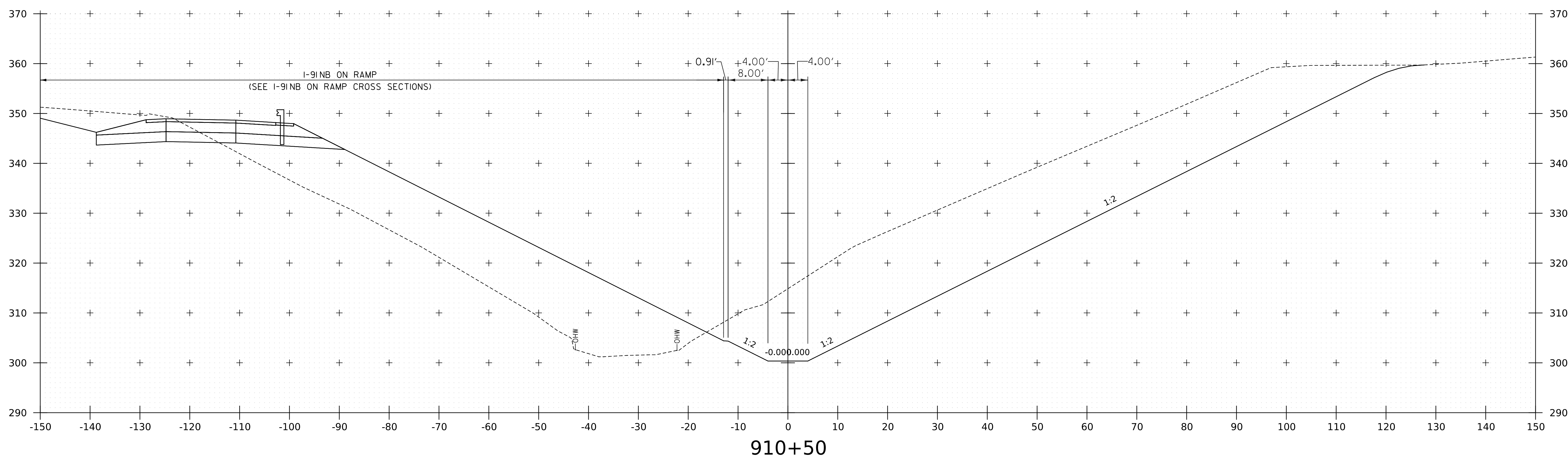
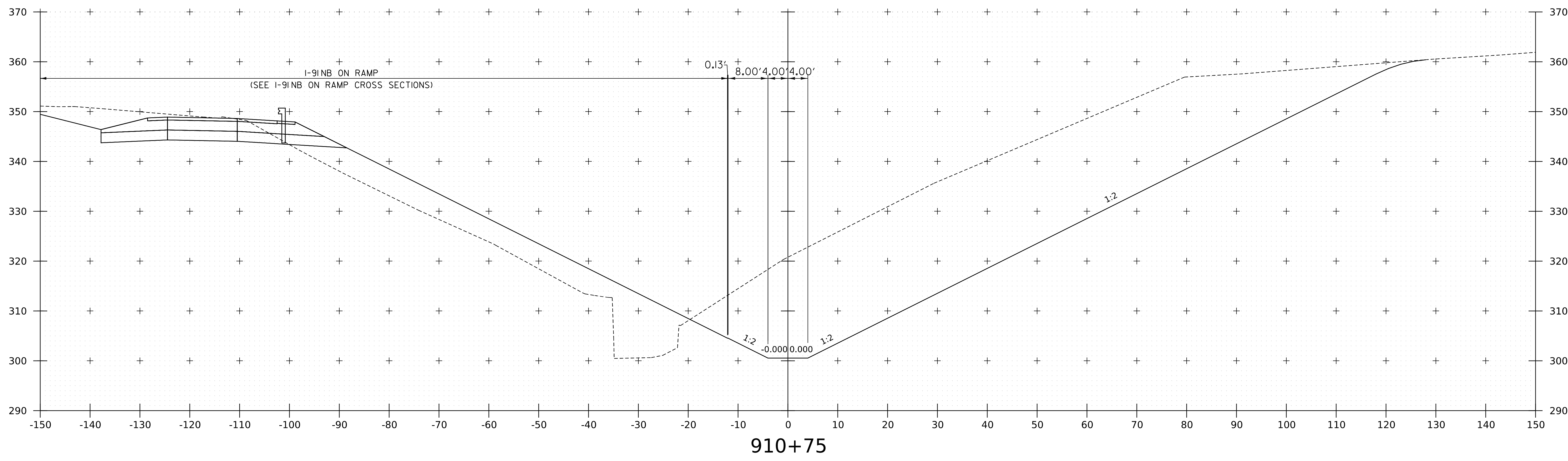




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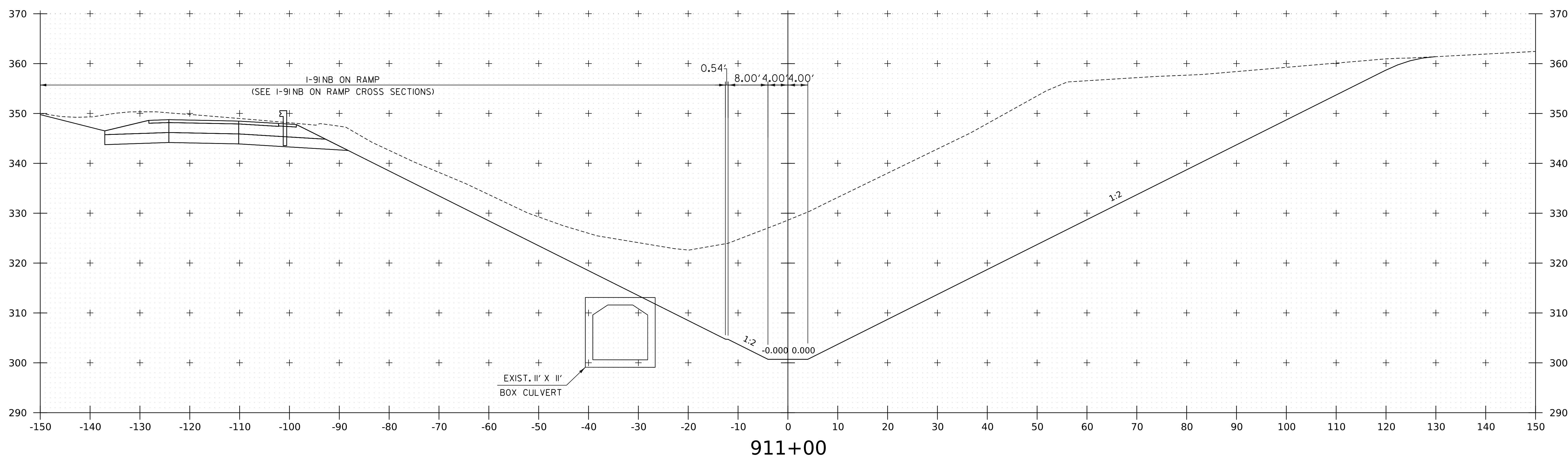
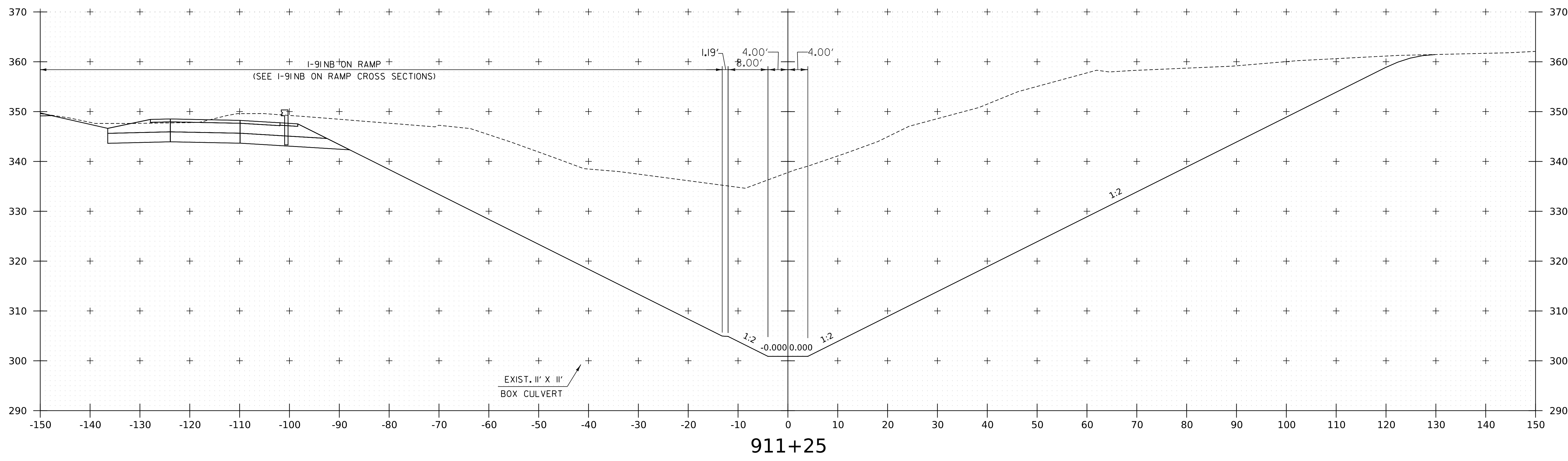




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PROJECT LEADER:	J. OLUND	SHEET	345 OF 439
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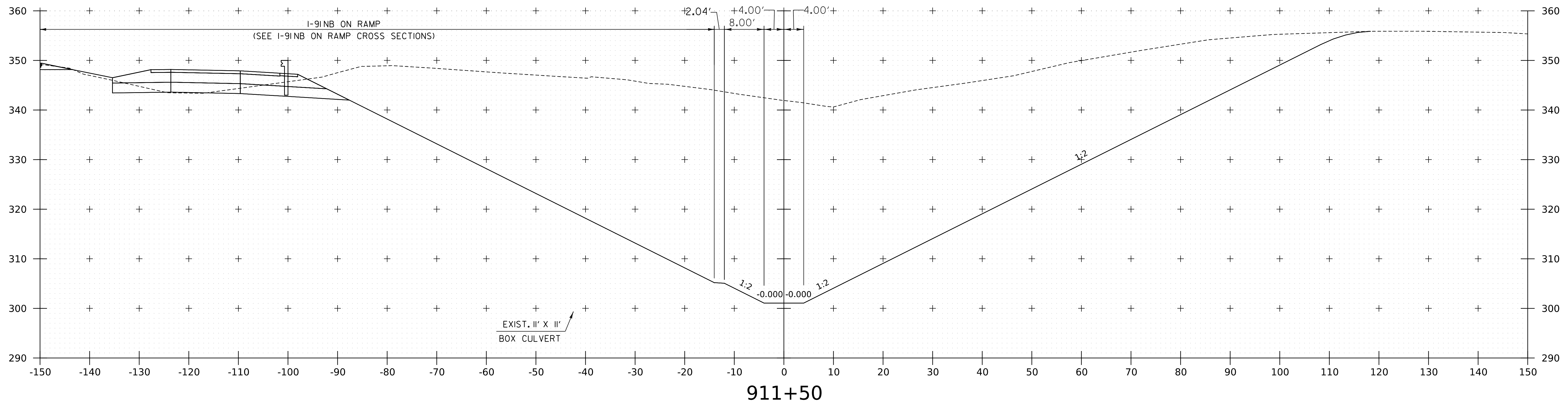
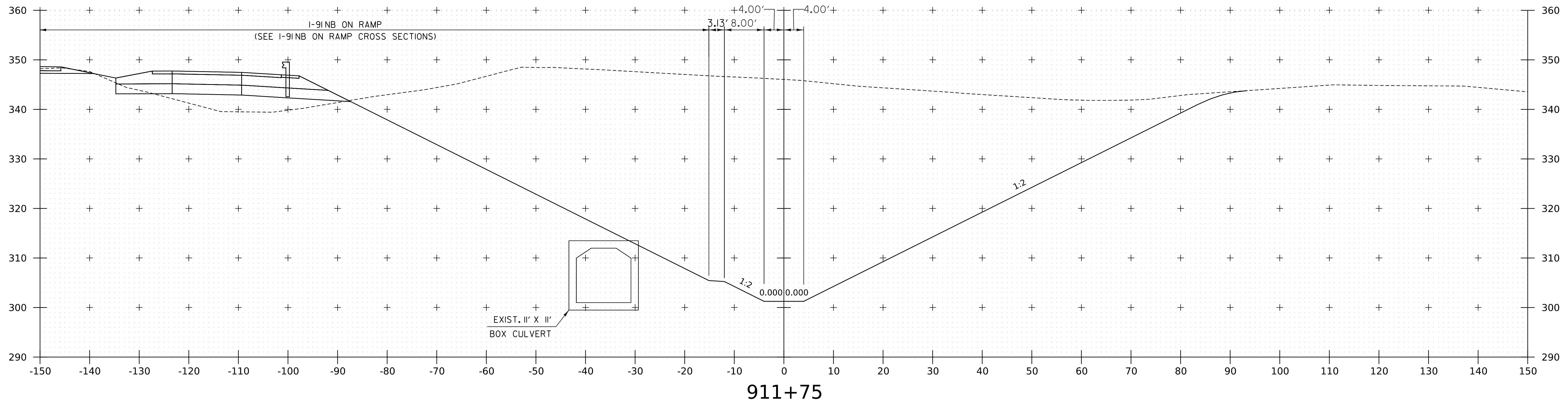


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DESIGNED BY: C. HELMICK	CHECKED BY: L. DRISCOLL
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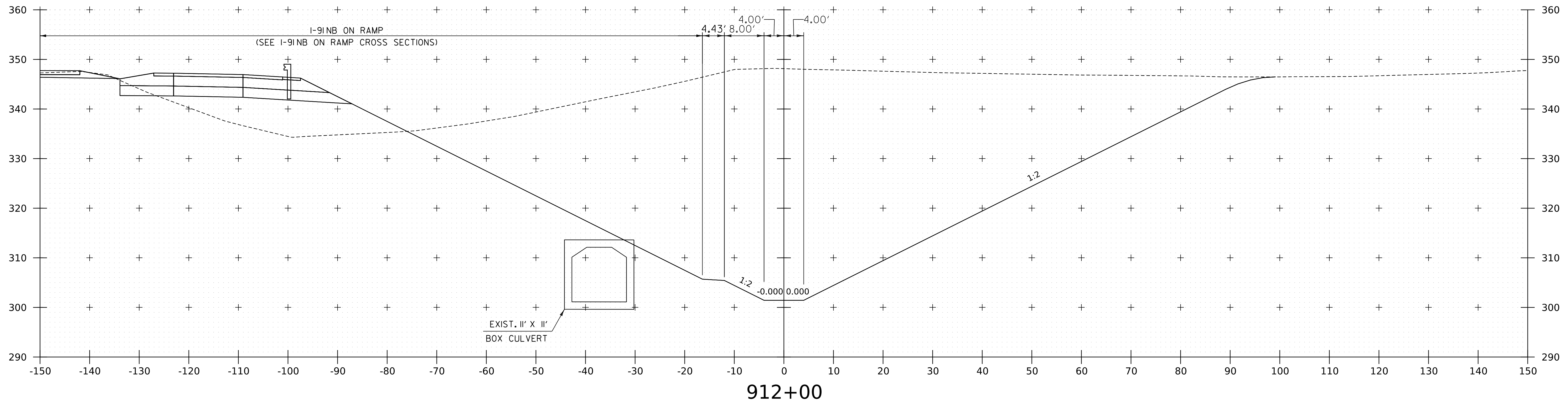
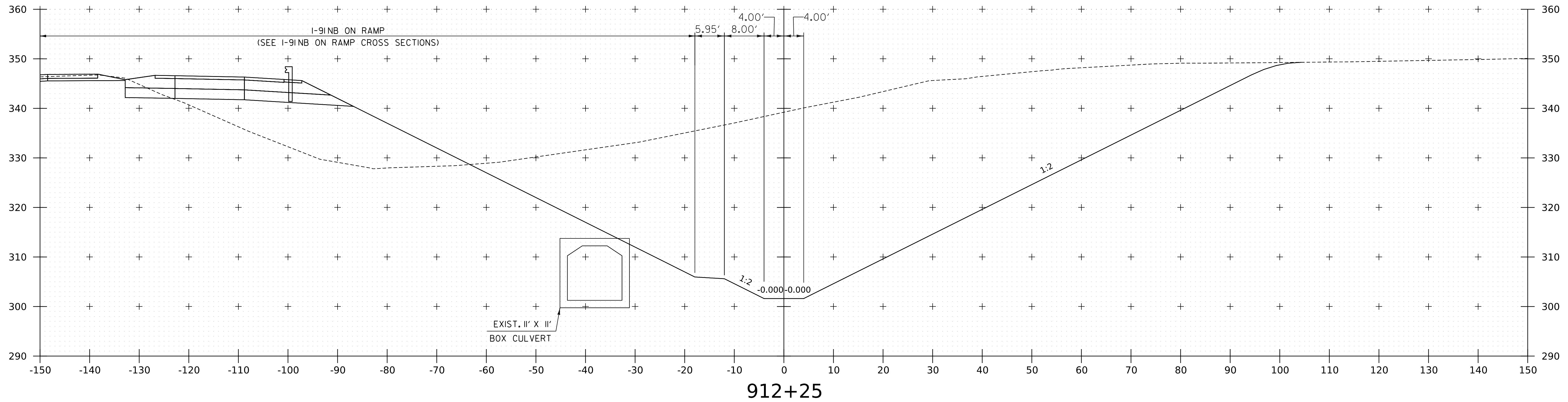
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CHECKED BY:	L. DRISCOLL
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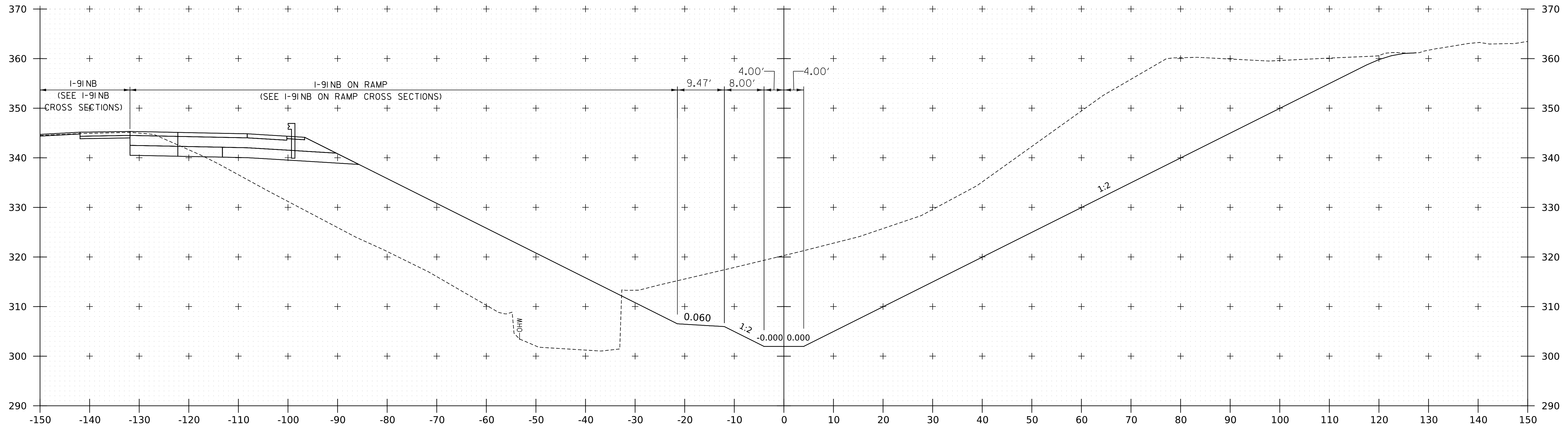


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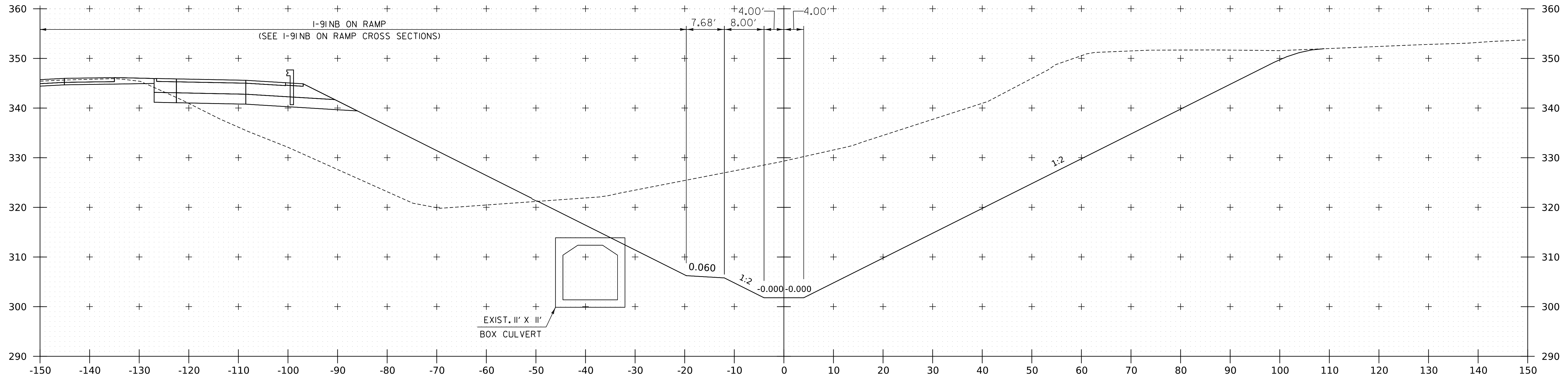


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DESIGNED BY:	C. HELMICK
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PLOT DATE:	8-JUN-2023
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912+75

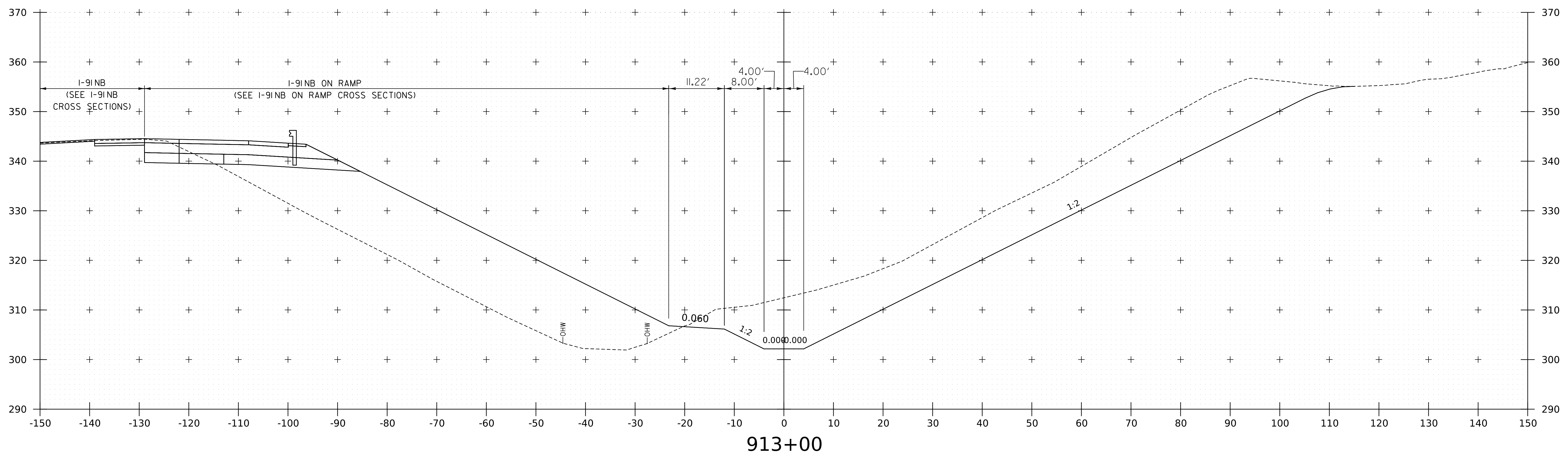
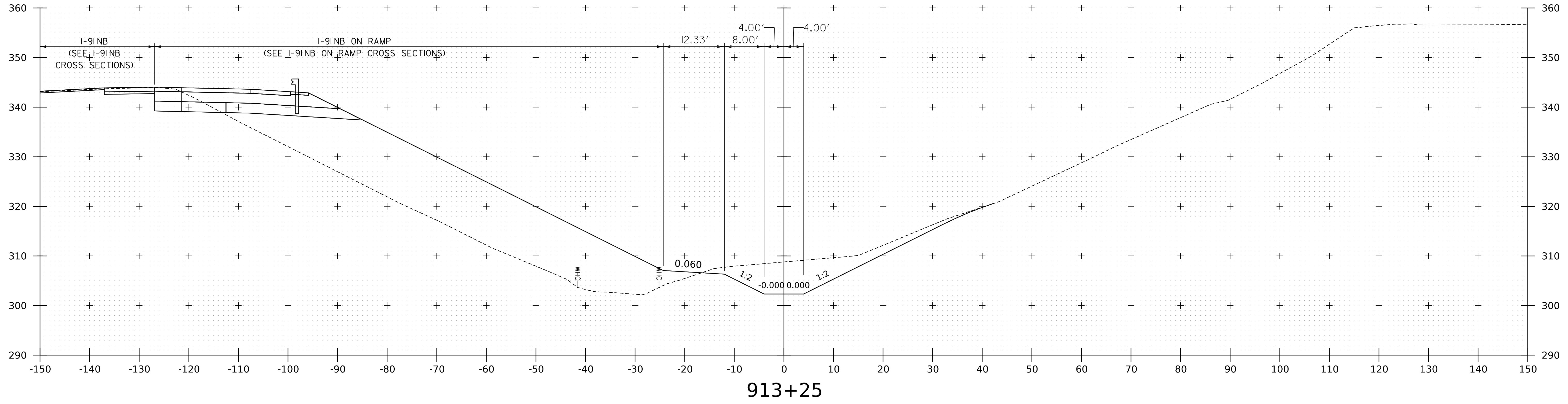


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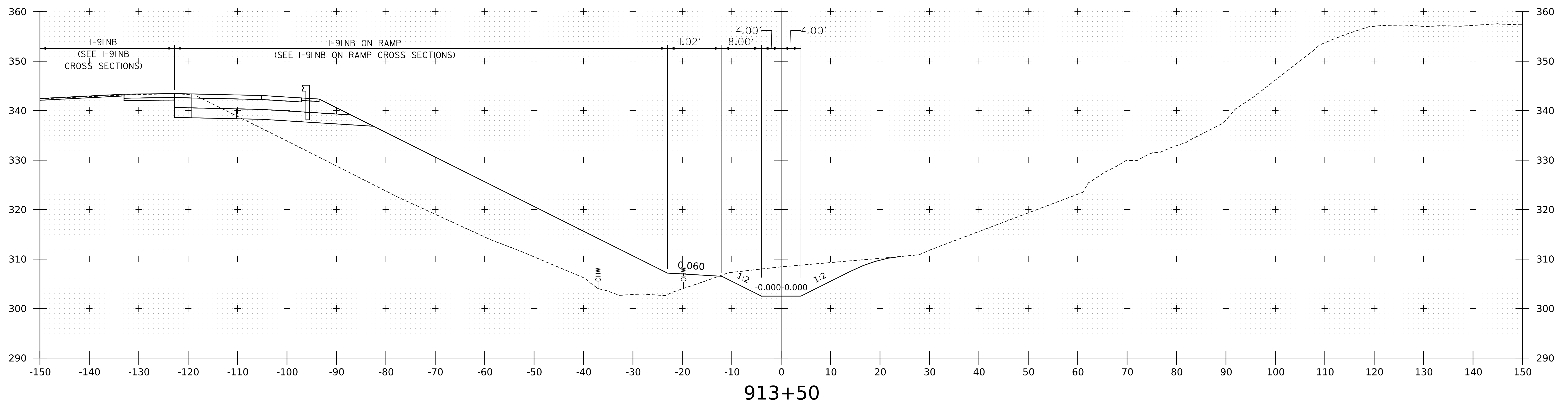
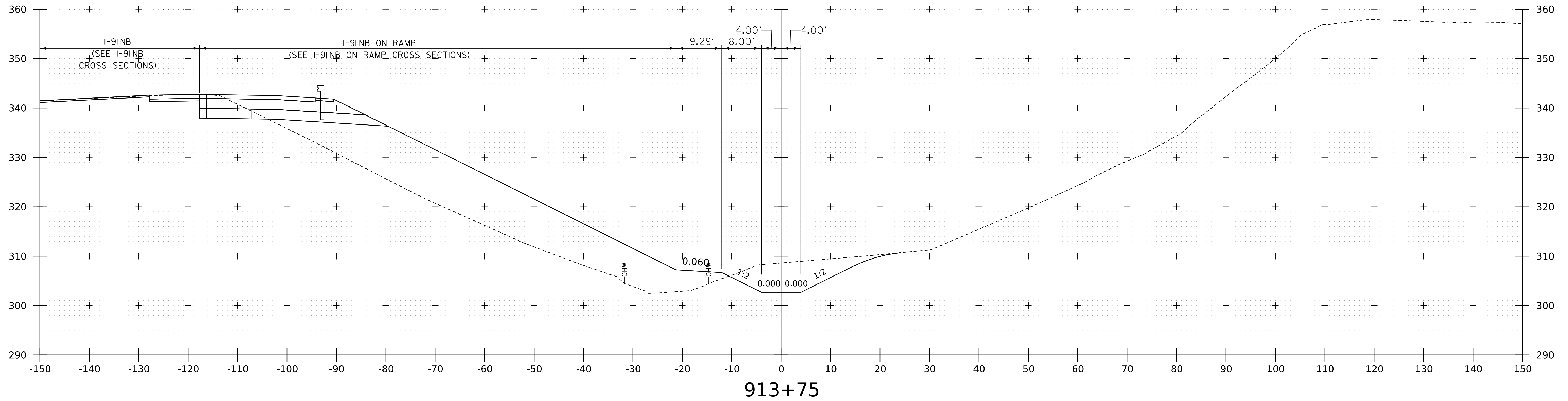




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PROJECT LEADER:	J. OLUND	SHEET	350 OF 439
DESIGNED BY:	C. HELMICK		
SPENCER BROOK CHANNEL SECTIONS 20			



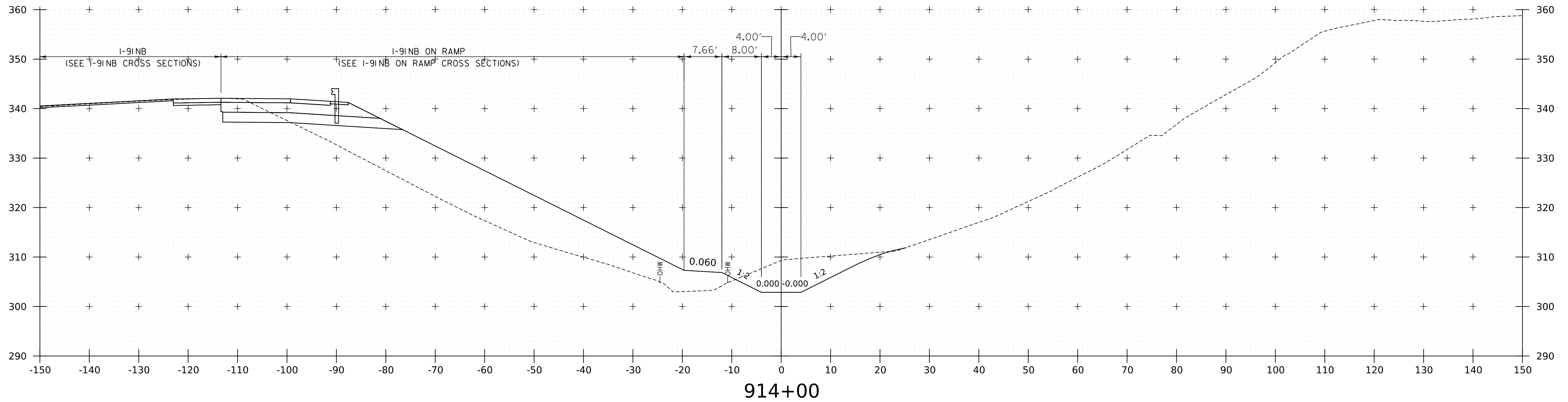
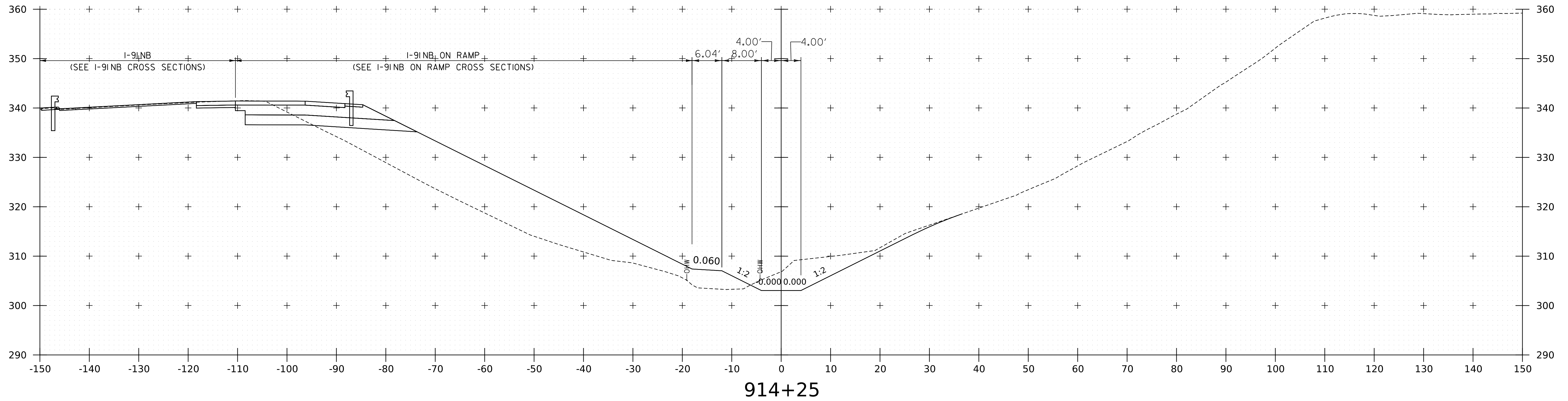


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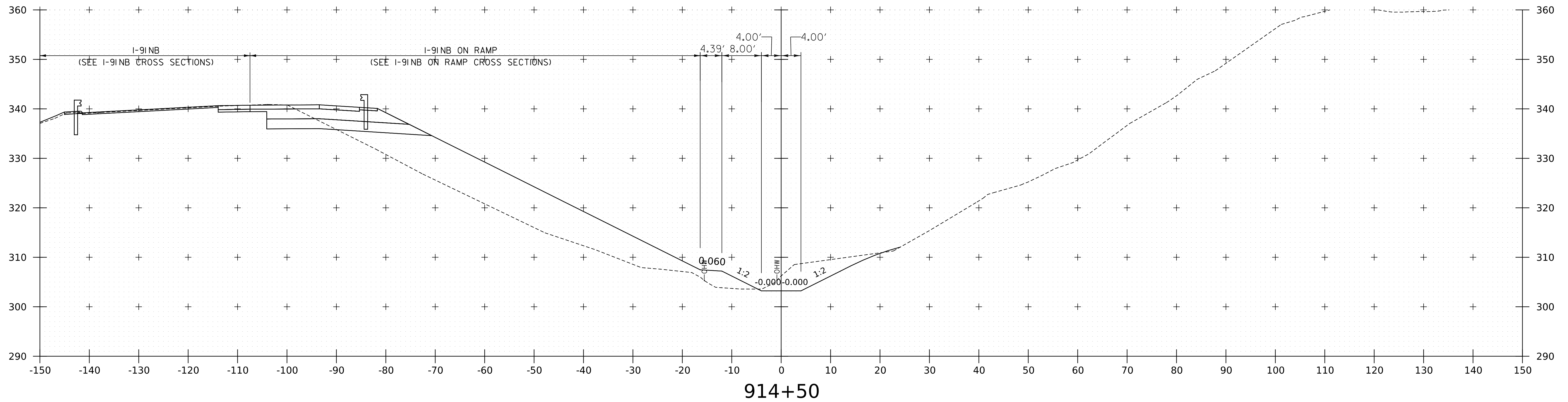
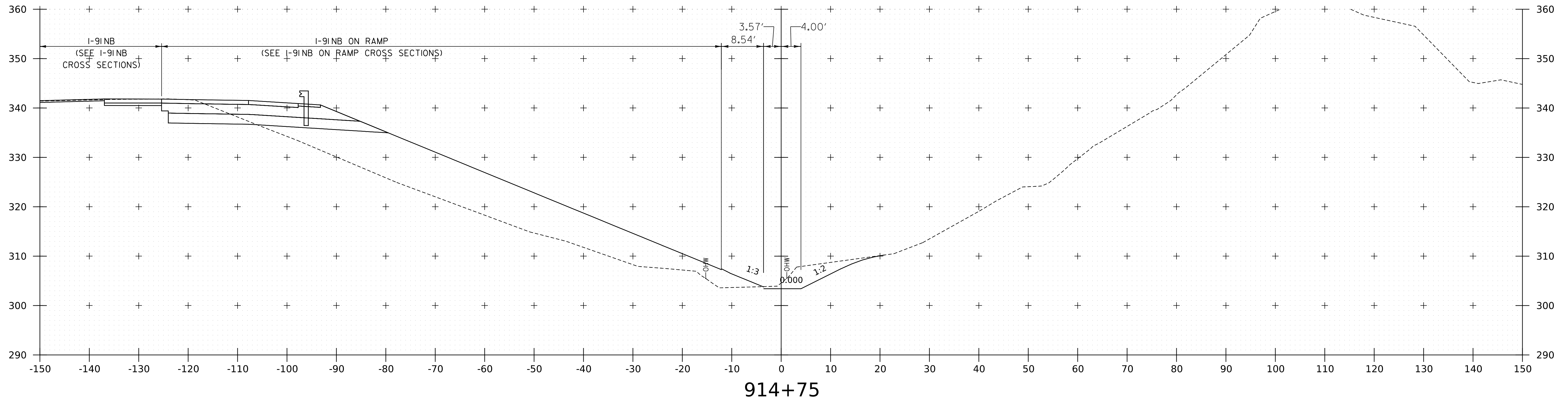
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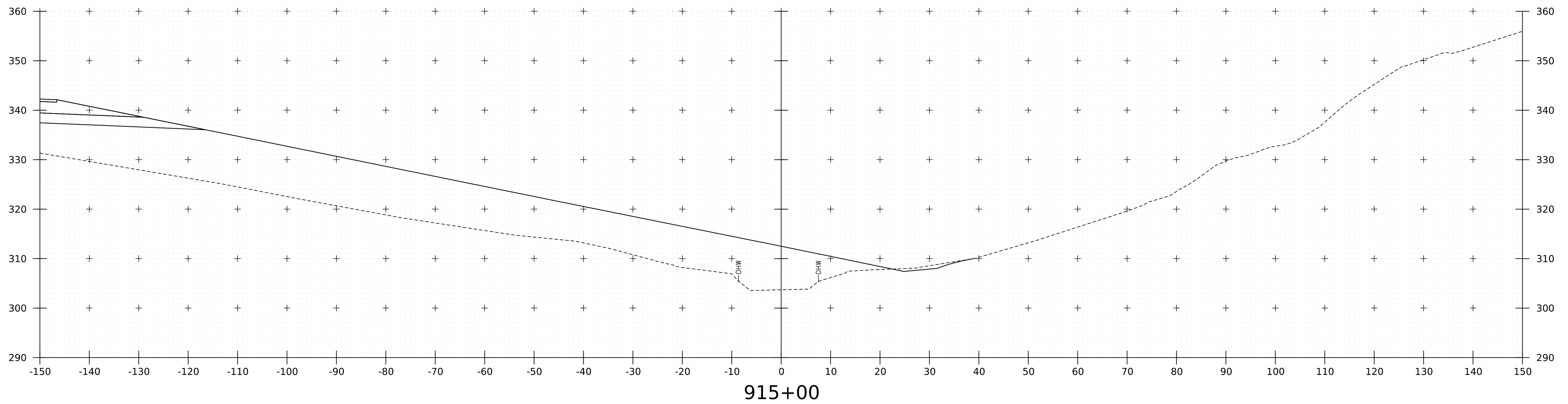
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EPSC PLAN NARRATIVE

1. PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF BRIDGE NOS. 25 N&S DECKS, THE REPLACEMENT OF BRIDGE NOS. 26 N&S SUPERSTRUCTURES, THE DISINVESTMENT OF BRIDGE NOS. 27 N&S, THE REPLACEMENT OF BRIDGE NOS. 28 N&S, THE EXTENSION OF CULVERT 28-1N, AND DISINVESTMENT OF CULVERT 28-1G AND 28-1C.

IT IS ANTICIPATED THAT CONSTRUCTION WILL LAST THREE CONSTRUCTION SEASONS.

2. AMOUNT OF DISTURBANCE & RISK EVALUATION

TOTAL AREA OF DISTURBANCE AS SHOWN ON THE ATTACHED EPSC PLAN IS APPROXIMATELY [#.#] ACRES.

THE MAXIMUM CONCURRENT EARTH DISTURBANCE USED TO SCORE THIS PROJECT IN APPENDIX A RISK ASSESSMENT IS [#] ACRES. [modify depending on Appendix A scoring]

THIS PROJECT REQUIRES AN INDIVIDUAL PERMIT FOR STORMWATER RUNOFF FROM CONSTRUCTION SITES.

ANY MODIFICATIONS TO THE PROJECT THAT INCREASE THE RISK TO ENVIRONMENTAL RESOURCES SHALL BE EVALUATED IN ACCORDANCE WITH THE PERMIT REQUIREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL PERMITTING.

3. MAJOR COMPONENTS & SEQUENCING

THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXTENT OF DISTURBED SOILS LEFT OPEN TO EROSION AT ANY GIVEN TIME.

THE MAJOR COMPONENTS OF THE PROJECT AND A PROPOSED GENERAL SEQUENCE IS AS FOLLOWS:

Break out major project components/phases and how those are likely to play out. Review and consider traffic phasing plans for consistency with phases as they are described here.

CONSTRUCTION OF THE PROJECT WILL BE BROKEN INTO FOUR MAIN PHASES THAT CONSIST OF BUILDING THE NEW BRIDGE ON NEW ALIGNMENT, BUILDING THE NEW ROADWAY APPROACHES, DEMOLISHING THE EXISTING BRIDGE AND THEN FINAL SITE GRADING AND CLEANUP TASKS.

- PHASE 1
- ESTABLISH PERIMETER CONTROLS AND MARK PROJECT BOUNDARIES
 - INSTALL SEDIMENT CONTROL MEASURES
 - CLEARING
 - CONSTRUCT TEMPORARY ACCESS ROADS AND CRANE PAD
 - INSTALL CHECK DAMS ALONG ACCESS ROAD
 - CONSTRUCT ABUTMENTS AND WINGWALLS
 - BUILD FINAL EMBANKMENTS AND PLACE STONE FILL
 - ERECT SUPERSTRUCTURE AND POUR BRIDGE DECK
 - CONSTRUCT APPROACH SLABS

- PHASE 2
- ADJUST PERIMETER CONTROLS AND PROJECT DEMARCATION, AS NECESSARY
 - INSTALL OR ADJUST SEDIMENT CONTROL MEASURES
 - CONSTRUCT ROADWAY EMBANKMENTS AND STABILIZE SIDE SLOPES
 - INSTALL NEW DRAINAGE STRUCTURES
 - PLACE ROADWAY SUBBASE
 - PAVE ROADWAY AND BRIDGE DECK
 - SWITCH TRAFFIC TO NEW ROADWAY AND BRIDGE

- PHASE 3
- ADJUST PERIMETER CONTROLS AND PROJECT DEMARCATION, AS NECESSARY
 - INSTALL OR ADJUST SEDIMENT CONTROL MEASURES
 - REMOVE EXISTING SUPERSTRUCTURE
 - REMOVE EXISTING PIER AND ABUTMENTS TO ELEVATIONS SHOWN ON PLANS

- PHASE 4
- ADJUST PERIMETER CONTROLS AND PROJECT DEMARCATION, AS NECESSARY
 - INSTALL OR ADJUST SEDIMENT CONTROL MEASURES
 - REMOVE ACCESS ROADS AND SHAPE FINAL SLOPES
 - INSTALL PERMANENT STABILIZATION MEASURES

4. SITE DESCRIPTION

4.1 VEGETATED BUFFERS

MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE IMPLEMENTED WHEREVER POSSIBLE.

THIS PROJECT DOES NOT RELY ON VEGETATED BUFFERS AS A MITIGATING RISK FACTOR.

4.2 STREAM CROSSINGS

THIS PROJECT INCLUDES (2) STREAM CROSSINGS, AS DESCRIBED IN SECTION 5.1 BELOW. WORK WITHIN THE WATER IS BEING AUTHORIZED THROUGH THE VANR DEC RIVER MANAGEMENT PROGRAM AND THE US ARMY CORPS OF ENGINEERS.

4.3 WETLANDS

THE PROJECT INVOLVES (#) SF OF WETLAND AND (#) SF OF WETLAND BUFFER. THIS WORK WITHIN THESE AREAS IS BEING AUTHORIZED THROUGH THE VANR WETLANDS OFFICE AND/OR THE US ARMY CORPS OF ENGINEERS.

4.4 TOPOGRAPHY

THE TOPOGRAPHY OF THE PROJECT AREA IS ROLLING AND RURAL AND CONSISTS OF GENTLY SLOPING VEGETATED SIDE SLOPES, FLAT DEVELOPED LAND, LOW, WET AREAS SURROUNDING BLACK RIVER AND SPENCER BROOK, AND STEEP GRANITE LEDGES ADJACENT AND IN THE MEDIAN OF I-91.

THE PROJECT IS ADJACENT TO SEVERAL COMMERCIAL PROPERTIES INCLUDING A FUEL TANK STORAGE FACILITY, GAS STATION, HOTEL, AND THE SPRINGFIELD STATE GARAGE. ADDITIONALLY, THERE ARE PARKING LOTS FOR THE TOONERVILLE RAIL TRAILHEAD AND A PARK AND RIDE NEAR THE PROJECT LIMITS.

4.5 VEGETATION

THE VEGETATION IN THE PROJECT AREA CONSISTS OF VEGETATED ROADWAY SIDE SLOPES, FORESTED AREAS WITHIN THE INTERCHANGE RAMPS, LOW WET WOODED AREA SURROUNDING SPENCER BROOK AND BLACK RIVER, AND GRASSED MEDIANS WITH POCKETS OF SHRUBS AND WOODS. THE IMPACT TO VEGETATION WILL BE LIMITED TO THAT WHICH IS DIRECTLY AFFECTED BY THE PROJECT. UPON COMPLETION, THE DISTURBED VEGETATION WILL BE REESTABLISHED WITH STANDARD SEED AND MULCH PRACTICES AS DESCRIBED IN THE TURF ESTABLISHMENT DETAIL, UNLESS NOTED OTHERWISE.

4.6 SOILS

ALL SOIL DATA CAME FROM THE U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE. SOILS ON THE PROJECT SITE INCLUDE:

DUMMERSTON-MACOMBER COMPLEX, 15%-25% SLOPES, "K FACTOR" = UNDETERMINED
WINDSOR LOAMY SAND, 0%-8% SLOPES, "K FACTOR" = UNDETERMINED
WINDSOR LOAMY SAND, 8%-15% SLOPES, "K FACTOR" = UNDETERMINED
NINIGRET FINE SANDY LOAM, 0%-8% SLOPES, "K FACTOR" = 0.32
PODUNK FINE SANDY LOAM, 0%-3% SLOPES, "K FACTOR" = 0.24
UDORTHENTS AND UDIPSAMMENTS, 0%-8% SLOPES, "K FACTOR" = 0.10
WINDSOR LOAMY SAND, 25%-60% SLOPES, "K FACTOR" = UNDETERMINED
LIMERICK SILT LOAM, 0%-2% SLOPES, "K FACTOR" = 0.43

NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING:
0.0-0.23 = LOW EROSION POTENTIAL
0.24-0.36 = MODERATE EROSION POTENTIAL
0.37 AND HIGHER = HIGH EROSION POTENTIAL

4.7 OTHER SENSITIVE RESOURCES

Briefly describe any other sensitive resources, such as archeological, historic, or rare/threatened/endangered species, or areas of tree protection that the Contractor needs to be aware of, along with protective measures that are required.

Example: THE ARCHEOLOGICALLY SENSITIVE AREA LOCATED IN THE NORTHEAST QUADRANT OF THE PROJECT AND SHOWN ON THESE PLANS SHALL BE PROTECTED WITH ORANGE BARRIER FENCE. THE PLANS ALSO SHOW TWO LARGE OAK TREES NEAR THE SOUTHERN TERMINUS OF THE PROJECT THAT SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 656.11 TREE PROTECTION.

BRIDGE 25: RESOURCE INFORMATION FOR BRIDGE 25 N&S IS NOT AVAILABLE AT THE TIME OF THIS PLAN SUBMISSION.

BRIDGE 26:

BRIDGE 27:

BRIDGE 28:

5. DRAINAGE

5.1 RECEIVING WATERS

Briefly describe the receiving waters, including name and type.

Example: FURNACE BROOK IS THE ONLY WATER SOURCE ON THE PROJECT SITE. RESIDENCES AND BUSINESSES WATER SUPPLIES ARE FROM MUNICIPAL WATER. THE BROOK IS CLASSIFIED AS GRADUAL, SINUOUS, NARROW, WITH A CONFINED AND ARMORED CHANNEL AT THE SITE. THE STREAM BED CONSISTS OF GRAVEL, COBBLES AND BOULDERS. THE TRIBUTARY AREA AT THE BRIDGE CROSSING IS 28.6 MILES².

BLACK RIVER (204 SQUARE MILES)

SPENCER BROOK (7.04 SQUARE MILES)

CONNECTICUT RIVER (5260 SQUARE MILES)

THE CONNECTICUT RIVER, SPENCER BROOK, AND THE BLACK RIVER ARE THE THREE RECEIVING WATERS ON THE PROJECT SITE.

5.2 DISCHARGE POINTS

List and briefly describe the number of discrete discharge points where collected stormwater flows are discharged from the construction site to the receiving water(s), including the proximity of the proposed earth-disturbing activities to each of these discharge points.

If the project has an Operational Stormwater Permit, the discharge points listed for that permit should generally correspond to the discharge points listed here, such that the reviewer can get a clear understanding of drainage across the whole project.

For low risk projects, this section can be simple and brief. Moderate risk and individual permits should include more detailed information on the project areas draining to each discharge point.

Example: DUE TO THE NATURE OF A BRIDGE PROJECT BEING LOCATED DIRECTLY OVER THE RECEIVING WATER, THERE ARE NO DISCRETE DISCHARGE POINTS. ALL WATER FROM THE PROJECT AREA DRAINS TOWARD THE BROOK AND ENTERS THE RECEIVING WATER IN MULTIPLE LOCATIONS IN THE AREAS DIRECTLY ADJACENT TO THE BRIDGE.

5.3 CONVEYANCE/FLOW PATH FROM PROJECT TO WATERS

Briefly describe how stormwater flows from the construction site to the discharge point (e.g. vegetated swale, culvert, storm sewer). If no discrete discharge points, include a description of the length, slope, and vegetative cover of the shortest overland flow path to receiving water from the limits of the proposed disturbance.

For low risk projects, this section can be simple and brief. Moderate risk and individual permits should include more detailed information on how runoff from the project site is conveyed to the discharge points.

Low Risk Example: THE MAJORITY OF THE PROJECT IS NOT CURBED AND RUNOFF DRAINS OVERLAND ACROSS ADJACENT VEGETATED SIDE SLOPES BEFORE REACHING THE RECEIVING WATER. THERE ARE ALSO A NUMBER OF DROP INLETS ON SITE THAT COLLECT ROADWAY RUNOFF AND DRAIN TO A STONE-LINED DITCH THAT EXTENDS TO THE ARMORED STREAMBANK.

6. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES

THE MEASURES INCLUDED IN THIS PLAN ARE PROVIDED AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. IT IS EXPECTED THAT THE CONTRACTOR MAY USE THIS PLAN, WITH ADJUSTMENTS AS NECESSARY, BASED ON THEIR SPECIFIC MEANS AND METHODS OF CONSTRUCTION.

APPLYING THESE MEASURES THROUGHOUT CONSTRUCTION IS CRITICAL TO THEIR SUCCESS IN MINIMIZING SEDIMENT TRANSPORT TO THE RECEIVING WATERS. REFER TO THE DETAILS INCLUDED IN THESE PLANS AND THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR SPECIFIC GUIDANCE.

6.1 IDENTIFY LIMITS OF DISTURBANCE

SITE BOUNDARIES AND AREAS CONSTRUCTION EQUIPMENT CAN ACCESS SHALL BE DELINEATED.

PROJECT DEMARCATION FENCING (PDF) SHALL BE USED TO PHYSICALLY MARK SITE BOUNDARIES. BARRIER FENCE SHALL BE USED INSTEAD OF PROJECT DEMARCATION FENCE WITHIN 100 FEET OF A WATER RESOURCE (STREAM, BROOK, LAKE, POND, WETLAND, ETC).

WORKING PLANS FOR REFERENCE ONLY

PROJECT NAME:	SPRINGFIELD		
PROJECT NUMBER:	IM 091-1(83)		
FILE NAME:	z12a574frm	PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
EPSC NARRATIVE I		SHEET	355 OF 439



LIMITING THE AMOUNT OF SOIL EXPOSED AT ONE TIME REDUCES THE POTENTIAL EROSION ON SITE. CONCURRENT EARTH DISTURBANCE CAN BE MINIMIZED THROUGH CONSTRUCTION PHASING BY ONLY OPENING UP EARTH AS NECESSARY AND EMPLOYING STABILIZATION PRACTICES IN INCREMENTAL STAGES AS PHASES CHANGE.

6.3 STABILIZE DISTURBED AREAS
6.3.1 ACCESS POINTS/ENTRANCE/EXITS

TRACKING OF SEDIMENT ONTO PUBLIC HIGHWAYS SHALL BE MINIMIZED TO REDUCE THE POTENTIAL FOR RUNOFF ENTERING RECEIVING WATERS. INSTALLATION SHALL COINCIDE WITH THE CONTRACTORS PROGRESS SCHEDULE.

STABILIZED CONSTRUCTION ENTRANCES ARE ANTICIPATED ON THIS PROJECT AND SHALL BE LOCATED AS SHOWN ON THIS EPSC PLAN AND ANYWHERE EQUIPMENT WILL BE GOING FROM AREAS OF EXPOSED SOILS TO PAVED SURFACES.

6.3.2 TEMPORARY MEASURES FOR EXPOSED AREAS DURING CONSTRUCTION

ALL AREAS OF EARTH DISTURBANCE MUST HAVE STABILIZATION IN PLACE WITHIN 14 DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME, DISTURBED AREAS MUST BE STABILIZED IN ADVANCE OF ANY RUNOFF PRODUCING EVENT.

SEEDING OF TEMPORARY SLOPES AND STOCKPILES, AND STANDARD MULCHING PRACTICES DESCRIBED IN SPECIFICATION SECTION 653.07 SHALL BE UTILIZED TO TEMPORARILY STABILIZE DISTURBED AREAS. EXISTING AND PROPOSED DROP INLETS SHALL HAVE INLET PROTECTION DEVICE, TYPE I AND TYPE II INSTALLED WHEN WATERSHED IS WITHIN DISTURBED AREAS.

ROLLED EROSION CONTROL PRODUCT (RECP) WILL BE USED IN PLACE OF MULCH FOR SLOPES GREATER THAN 1V:3H (TEMPORARY AND PERMANENT EROSION MATTING). MULCH IS TO BE APPLIED AT A MINIMUM APPLICATION RATE SHOWN ON EPSC SHEETS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

6.3.3 PERMANENT STABILIZATION AT FINAL GRADE

EXPOSED SOIL MUST BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

SEED, MULCH, FERTILIZER AND LIME SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1:3, ROLLED EROSION CONTROL PRODUCT, TYPE I SHALL BE USED INSTEAD OF MULCH.

STONE FILL AT CULVERT OUTLETS, UNDER THE BRIDGE ABUTMENTS, AND ALONG THE EMBANKMENT SHALL BE INSTALLED AS SHOWN ON THE PLANS.

REVEGETATION AND PLANTINGS SHALL BE INSTALLED AS SHOWN ON THE EPSC PLANS.

6.4 DIVERT UPLAND RUNOFF

DIVERSIONARY MEASURES SHALL BE USED TO INTERCEPT RUNOFF FROM ABOVE THE CONSTRUCTION AND DIRECT IT AROUND THE DISTURBED AREA SO THAT CLEAN WATER DOES NOT BECOME MUDDIED WHILE TRAVELING OVER EXPOSED SOILS ON THE CONSTRUCTION SITE.

Add project-specific information on how off-site runoff will be diverted around the active work areas or include a note on why these measures are unnecessary.

Example: THE PROJECT AREA IS RELATIVELY FLAT; HOWEVER, US ROUTE 7 NORTH AND SOUTH OF THE PROJECT AREA DRAINS TOWARD THE PROJECT AREA. RUNOFF FROM THESE AREAS MAY NEED TO BE DIVERTED AWAY FROM THE PROJECT AREA. THE CONTRACTOR SHALL REFER TO THE LOW RISK HANDBOOK FOR GUIDANCE.

6.5 INSTALL SEDIMENT BARRIERS

SEDIMENT BARRIERS SHALL BE UTILIZED TO INTERCEPT RUNOFF AND ALLOW SUSPENDED SEDIMENT TO SETTLE OUT. THEY SHALL BE INSTALLED ON THE DOWNHILL SIDE OF CONSTRUCTION ACTIVITIES, PRIOR TO ANY UP-SLOPE WORK.

SILT FENCE WILL BE INSTALLED ALONG THE CONTOURS AND AS PROPOSED ON THE EPSC PLAN. WOVEN WIRE REINFORCED SILT FENCE SHALL BE USED INSTEAD OF SILT FENCE WITHIN 100 FEET UPSLOPE OF RECEIVING WATERS.

6.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK STRUCTURES SHALL BE UTILIZED TO REDUCE THE VELOCITY, AND THUS THE EROSION POTENTIAL, OF CONCENTRATED FLOW IN CHANNELS.

TEMPORARY STONE CHECK DAMS WILL BE INSTALLED AS SHOWN ON THE PLANS.

7. CONSTRUCT PERMANENT CONTROLS

PERMANENT STORMWATER TREATMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH PERMIT CONDITIONS.

PERMANENT STORMWATER TREATMENT DEVICES ARE NOT ANTICIPATED TO BE NEEDED AS DESIGNED.

8. DEWATERING

DISCHARGE FROM DEWATERING ACTIVITIES THAT FLOWS OFF OF THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS. DEWATERED STORMWATER OR GROUNDWATER MUST BE FILTERED AND ROUTED IN A MANNER THAT DOES NOT RESULT IN VISIBLY TURBID DISCHARGES TO WATERS.

DEWATERING OF SURFACE WATER WITHIN THE COFFERDAM IS ANTICIPATED. THE FILTER BAG DETAIL AND PAY ITEM HAVE BEEN INCLUDED AS A POTENTIAL TREATMENT MEASURE FOR THIS PURPOSE, HOWEVER THE SPECIFIC MEANS FOR TREATMENT OF DISCHARGE SHALL BE PROVIDED BY THE CONTRACTOR. ALL COSTS FOR TREATMENT OF DISCHARGE SHALL BE PAID FOR UNDER CONTRACT ITEM 653.45.

9. OFF-SITE AREAS

OFF-SITE WASTE AND BORROW AREAS HAVE NOT BEEN IDENTIFIED FOR THIS PROJECT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERMIT, AS NECESSARY, ANY OFF-SITE AREAS THAT ARE NEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 105.25 - 105.28. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES NECESSARY FOR WASTE, BORROW, AND STAGING AREAS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR PER 105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILERS OR OTHER HIGH TRAFFIC AREAS SHALL BE COVERED WITH GEOTEXTILE FABRIC AND 12" OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS SHALL BE REMOVED FROM THE STAGING AREA. COMPACTED, RUTTED, OR OTHERWISE DISTURBED SOILS SHALL BE TILLED, RAKED, SEEDED AND MULCHED.

ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS SHALL BE ISOLATED WITH SILT FENCE OR OTHER ACCEPTABLE SEDIMENT BARRIER. SOIL STOCKPILED ON THE SITE SHALL BE SEEDED AND MULCHED.

10. WINTER CONSTRUCTION

CONSTRUCTION ACTIVITIES MAY CONTINUE INTO THE WINTER CONSTRUCTION SEASON, DEPENDING ON ACTUAL FIELD AND WEATHER CONDITIONS. IF ACTIVITIES ARE ON-GOING BETWEEN OCTOBER 15 AND APRIL 15, THE CONTRACTOR SHALL FOLLOW REQUIREMENTS FOR WINTER CONSTRUCTION, AS DEFINED IN SPECIFIC PERMIT CONDITIONS AND AS FOLLOWS:

- ENLARGED ACCESS POINTS, STABILIZED TO PROVIDE FOR SNOW STOCKPILING.
- LIMITS OF DISTURBANCE MOVED OR REPLACED TO REFLECT BOUNDARY OF WINTER WORK.
- DEVELOPMENT OF A SNOW MANAGEMENT PLAN THAT INCLUDES:
 - ADEQUATE STORAGE AND CONTROL OF MELT-WATER
 - STORAGE OF CLEARED SNOW TO BE PLACED DOWN SLOPE OF DISTURBED AREAS AND OUT OF STORMWATER TREATMENT STRUCTURES
- AREAS OF DISTURBANCE WITHIN 100 FT OF A WATERBODY MUST HAVE REINFORCED (WOVEN WIRE) SILT FENCE INSTALLED ACROSS THE SLOPE, DOWNGRADIENT OF THE EARTH DISTURBANCE. ALTERNATIVELY, REGULAR, NON-WOVEN WIRE SILT FENCE MAY BE USED IF COMBINED WITH EROSION CONTROL BERM, EROSION LOG, OR STRAW WATTLE.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
- SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED AHEAD OF FROZEN GROUND.
- MULCH TO BE APPLIED AT A MINIMUM OF 2 INCHES DEPTH WITH 80-90% COVERAGE.
- AREAS OF DISTURBED SOILS MUST BE STABILIZED PRIOR TO ANY RUNOFF-PRODUCING EVENT, WITH THE FOLLOWING EXCEPTION:
 - STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION WITH NO OUTLET AND A DEPTH OF 2 FT OR GREATER (OPEN UTILITY TRENCHES), PROVIDED THAT ANY DEWATERING, IF NECESSARY, IS CONDUCTED AS REQUIRED.
- PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO LESS THAN 1" THICKNESS.
- USE STONE TO STABILIZE AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED.

11. INSPECTION & MAINTENANCE

INSPECTION AND MONITORING OF THE PROJECT'S EPSC MEASURES SHALL BE CONDUCTED IN ACCORDANCE WITH STANDARD SPECIFICATION 653.04 MONITORING EROSION PREVENTION AND SEDIMENT CONTROL PLAN, ALONG WITH PERMIT SPECIFIC INSPECTION REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE A COPY OF THEIR INSPECTION FORM AS PART OF THEIR EPSC PLAN.

ALL EPSC MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED OF AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

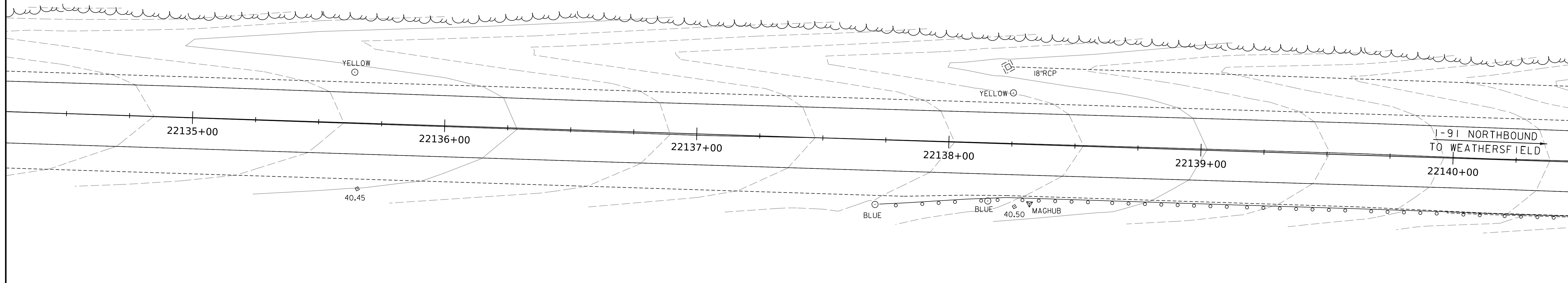
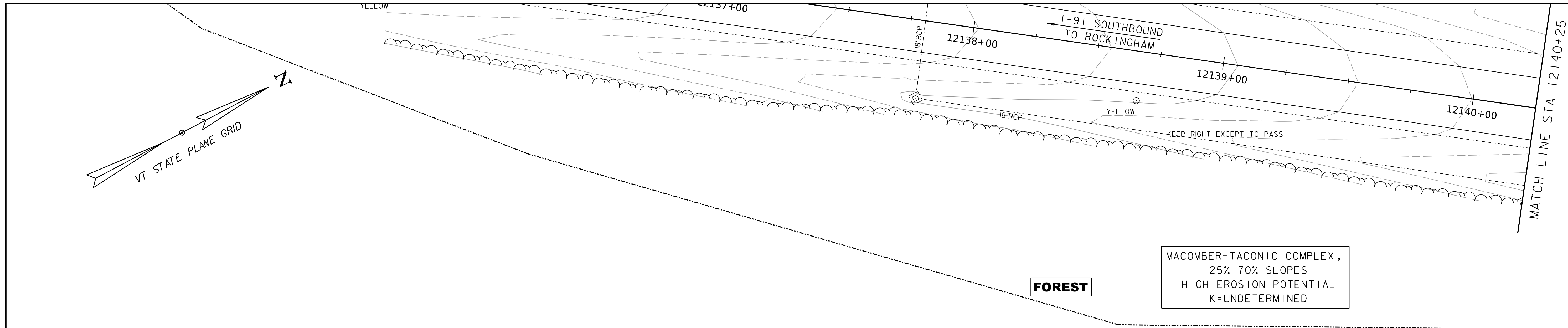
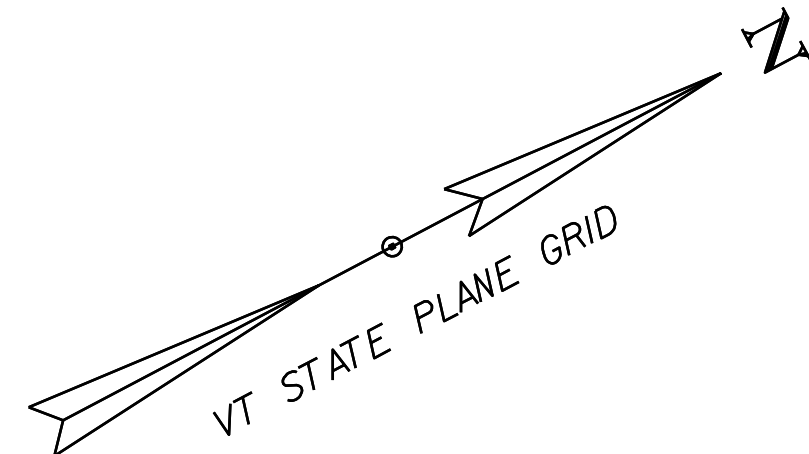
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574frm
 PROJECT LEADER: J. OLUND
 DESIGNED BY: P. MCKECHNIE
 EPSC NARRATIVE 2

PLOT DATE: 8-JUN-2023
 DRAWN BY: P. MCKECHNIE
 CHECKED BY: S. SPEAR
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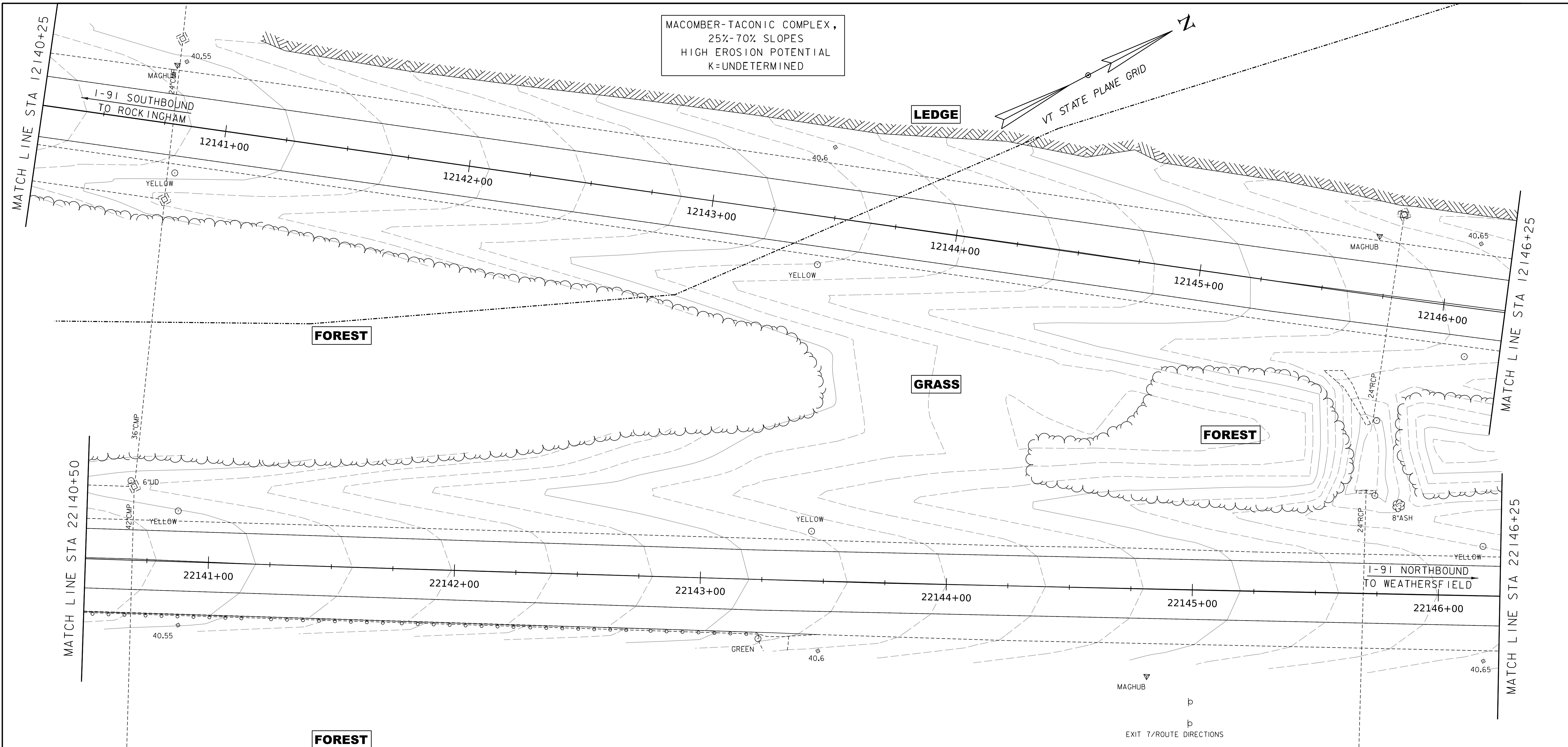
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-1-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	357 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET	1		

WORKING PLANS FOR REFERENCE ONLY



MACOMBER-TACONIC COMPLEX,
25%-70% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

EPSC EXISTING CONDITIONS SITE PLAN SHEET

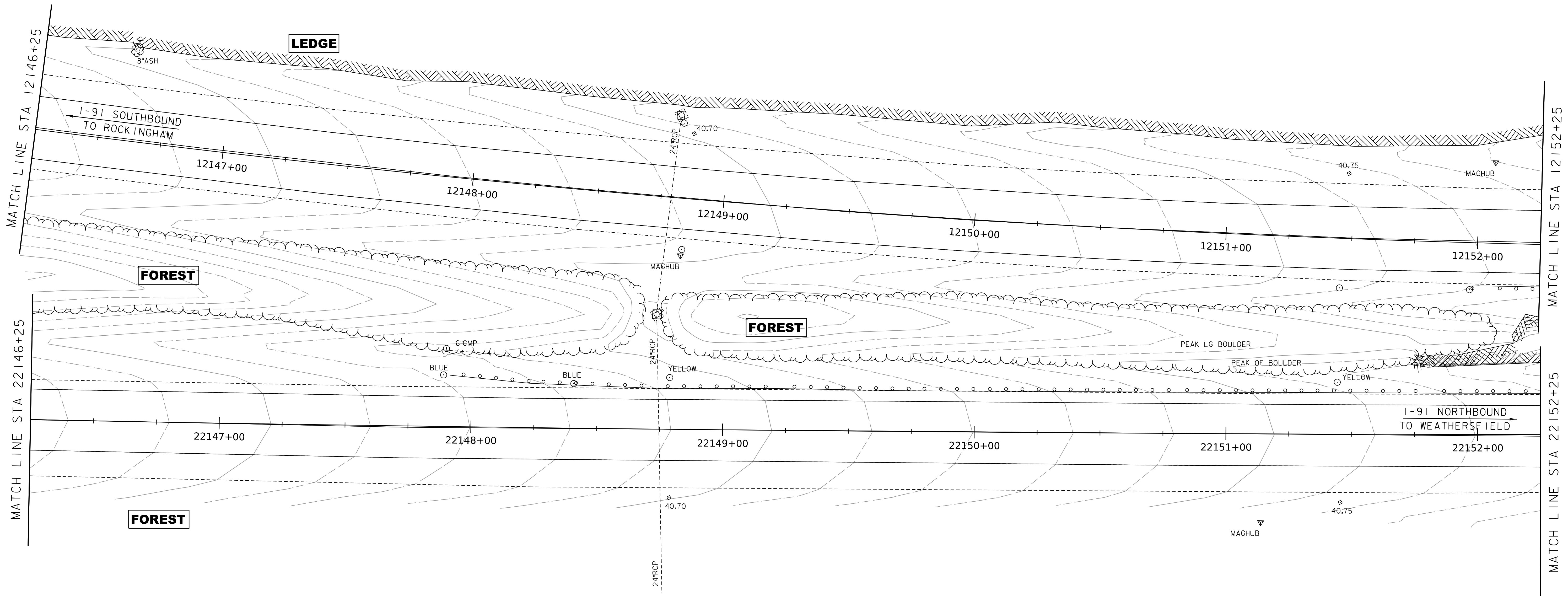
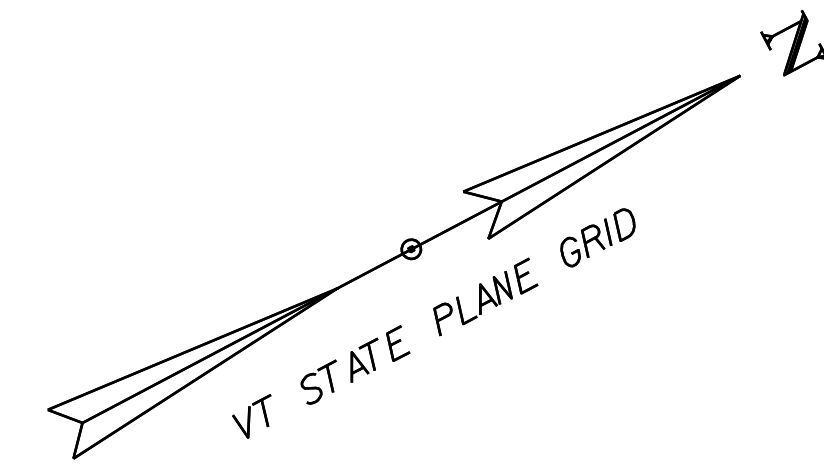
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PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
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PROJECT LEADER:	J. OLUND	SHEET	358 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 2			

WORKING PLANS FOR REFERENCE ONLY

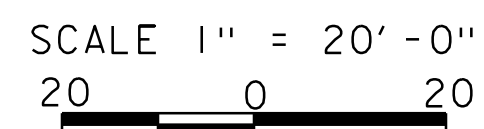
DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

GRASS

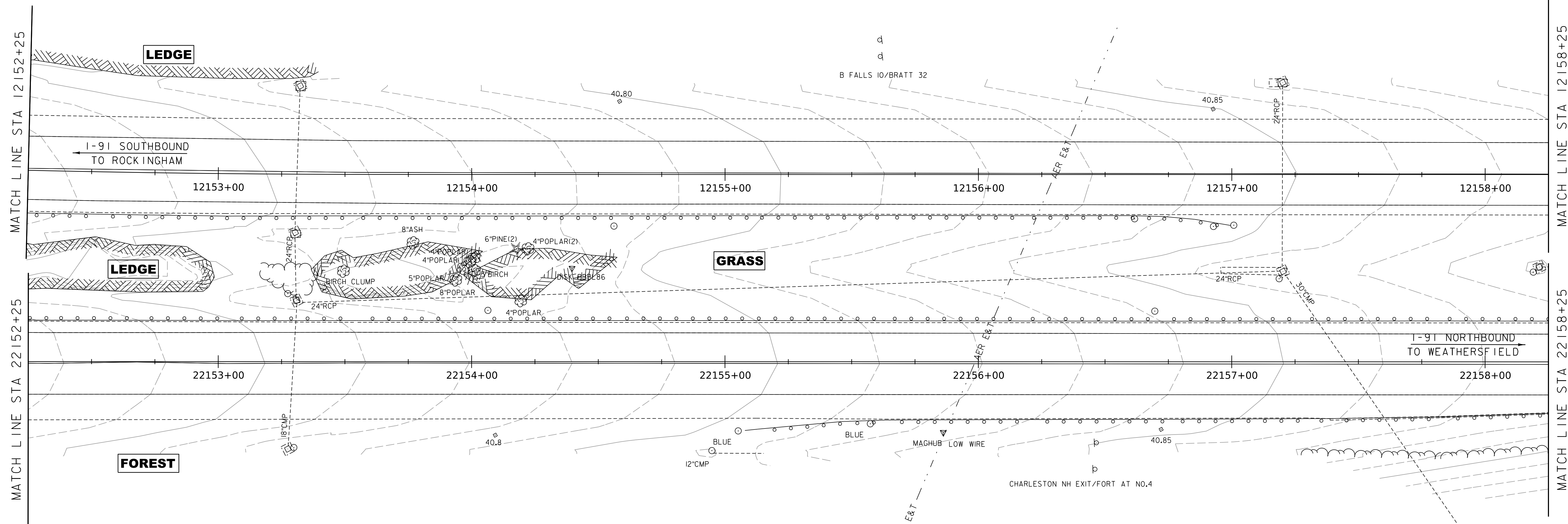
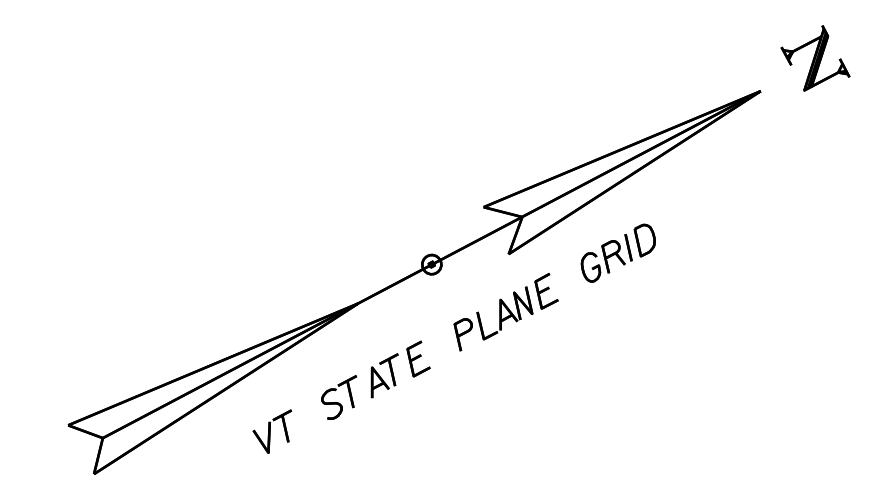
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-1-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	359 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 3			

WORKING PLANS FOR REFERENCE ONLY

MACOMBER-TACONIC
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

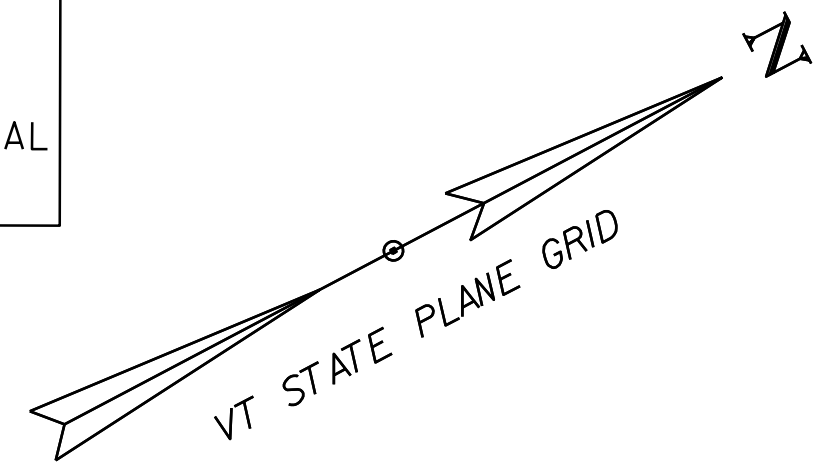
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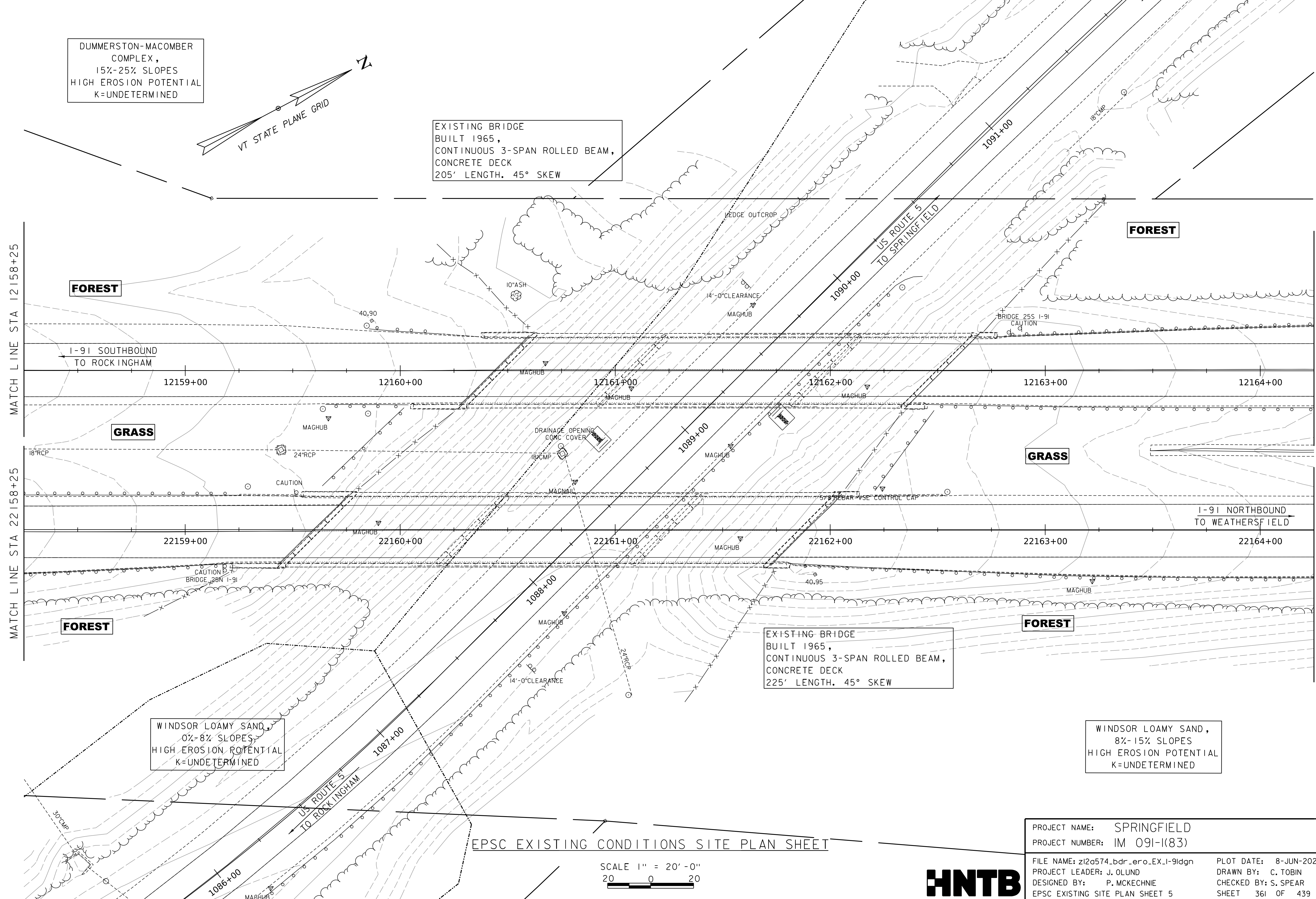


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PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-1-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	360 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 4			

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
205' LENGTH. 45° SKEW



FOREST

I-91 SOUTHBOUND
TO ROCK INGHAM

GRASS

FOREST

I-91 NORTHBOUND
TO WEATHERSFIELD

GRASS

FOREST

FOREST

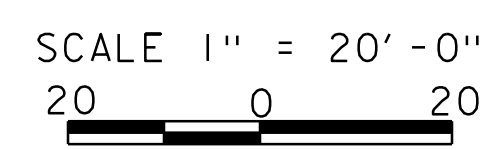
WINDSOR LOAMY SAND,
0%-8% SLOPES,
HIGH EROSION POTENTIAL
K=UNDETERMINED

EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
225' LENGTH. 45° SKEW

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

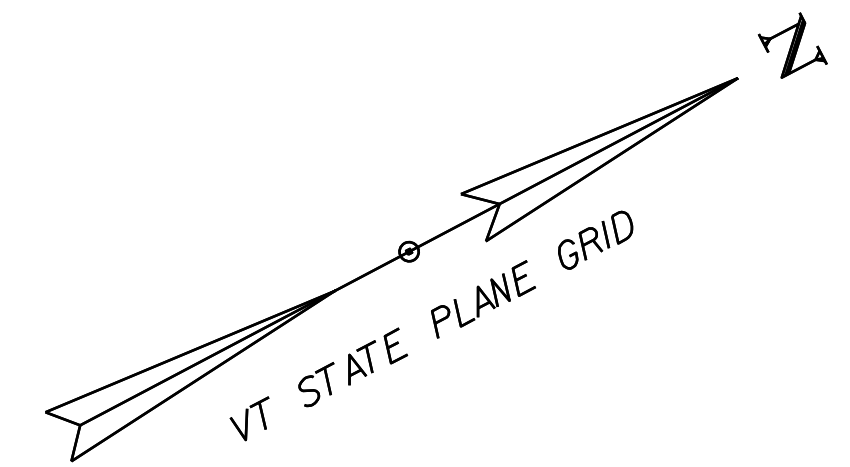
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EPSC EXISTING CONDITIONS SITE PLAN SHEET



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
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EPSC EXISTING SITE PLAN SHEET 5			

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



EXISTING R.O.W.

MATCH LINE STA 12164+25

MATCH LINE STA 12170+25

FOREST

I-91 SOUTHBOUND
TO ROCKINGHAM

12165+00

12166+00

12167+00

12168+00

12169+00

12170+00

GRASS

5/8" REBAR VSE CONTROL CAP

I-91 NORTHBOUND
TO WEATHERSFIELD

22165+00

22166+00

22167+00

22168+00

22169+00

22170+00

FOREST

EXIT 7/SFIELD 1/2MI/NEXT 10MI

BRIDGE ICES BEFORE ROAD

MATCH LINE STA 22164+25

MATCH LINE STA 22170+25

NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC EXISTING CONDITIONS SITE PLAN SHEET

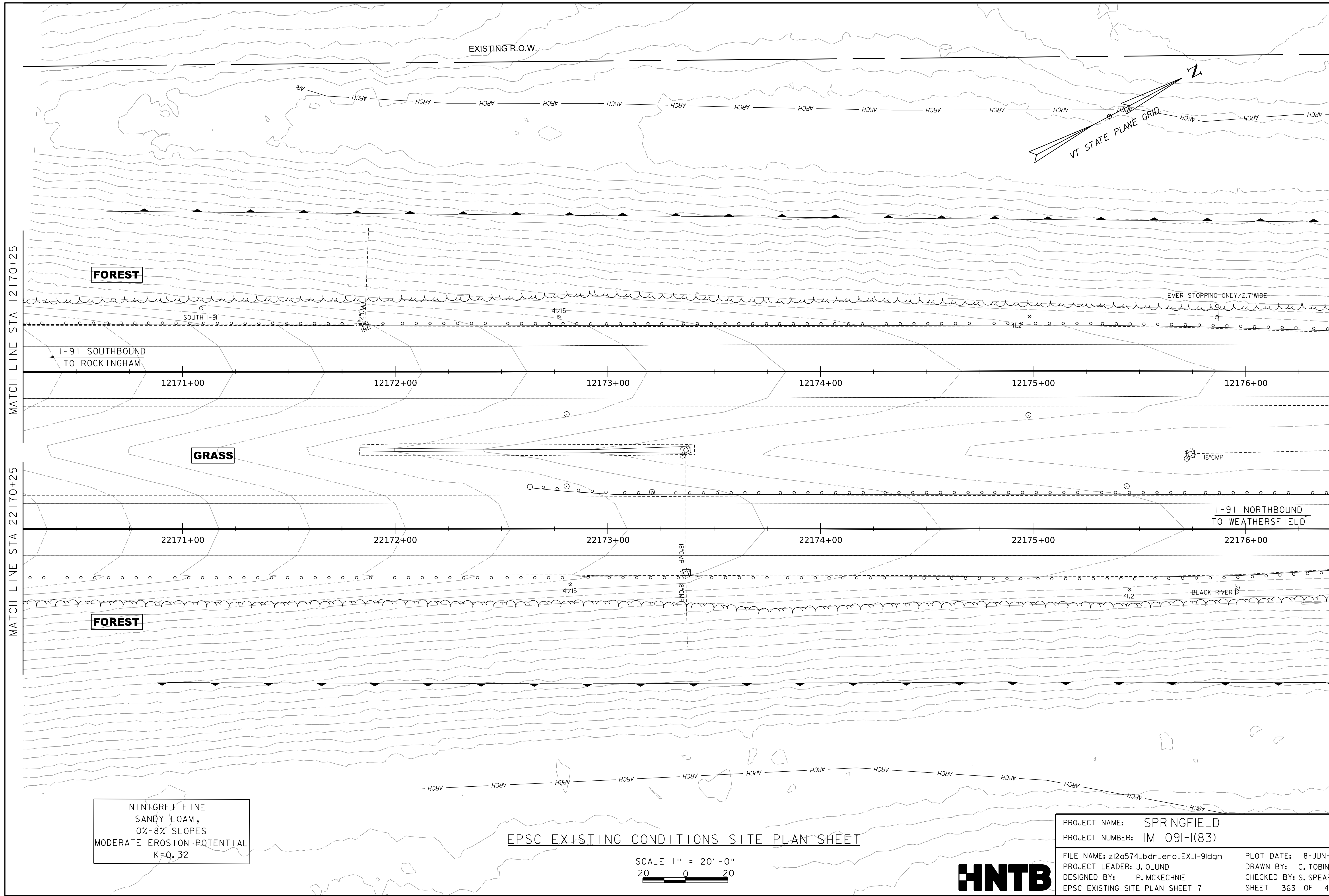
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
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PROJECT LEADER:	J. OLUND	SHEET	362 OF 439
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EPSC EXISTING SITE PLAN SHEET 6			

WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY



NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20

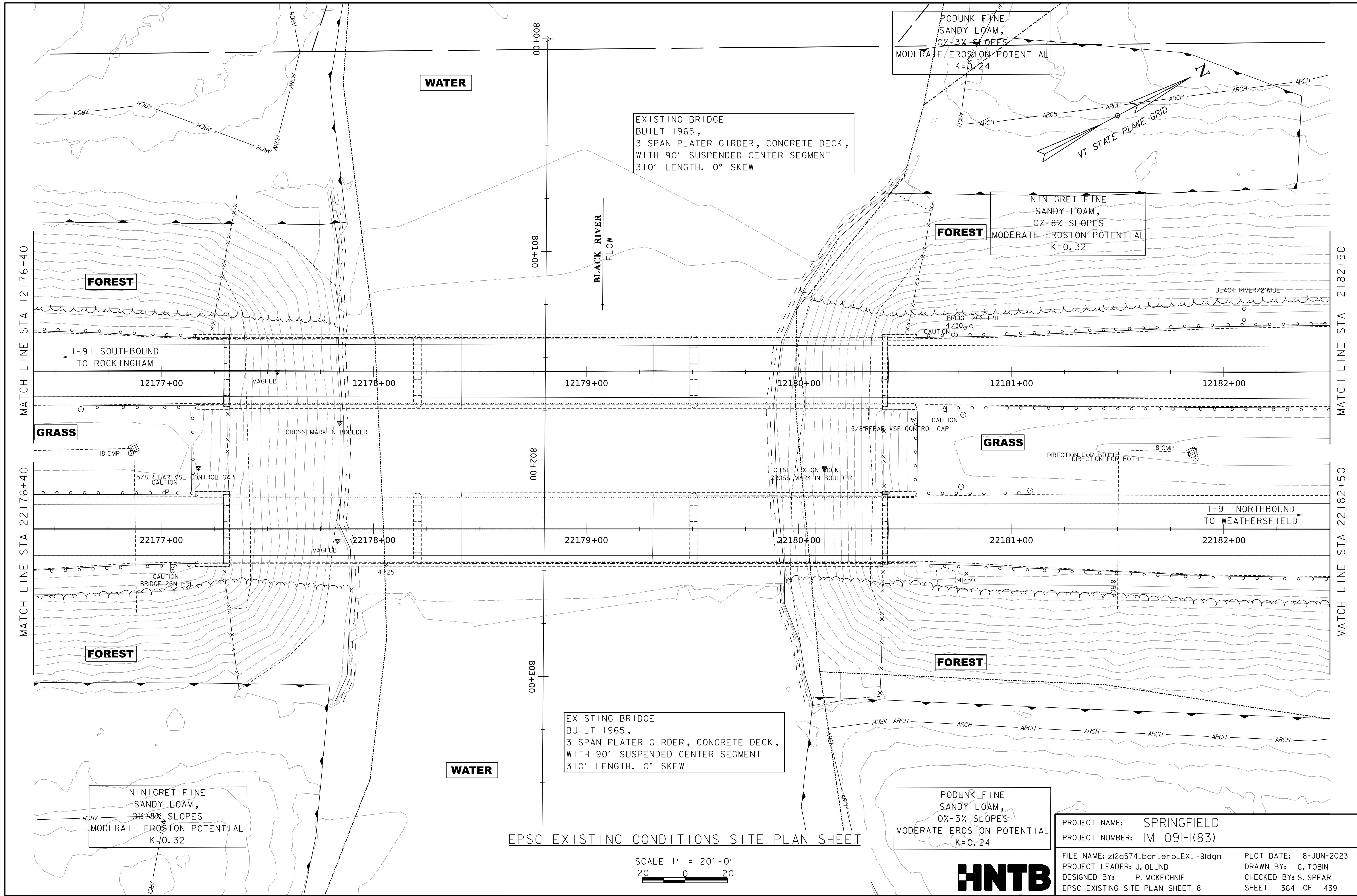


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ero.EX-I-91dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC EXISTING SITE PLAN SHEET 7

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: S. SPEAR
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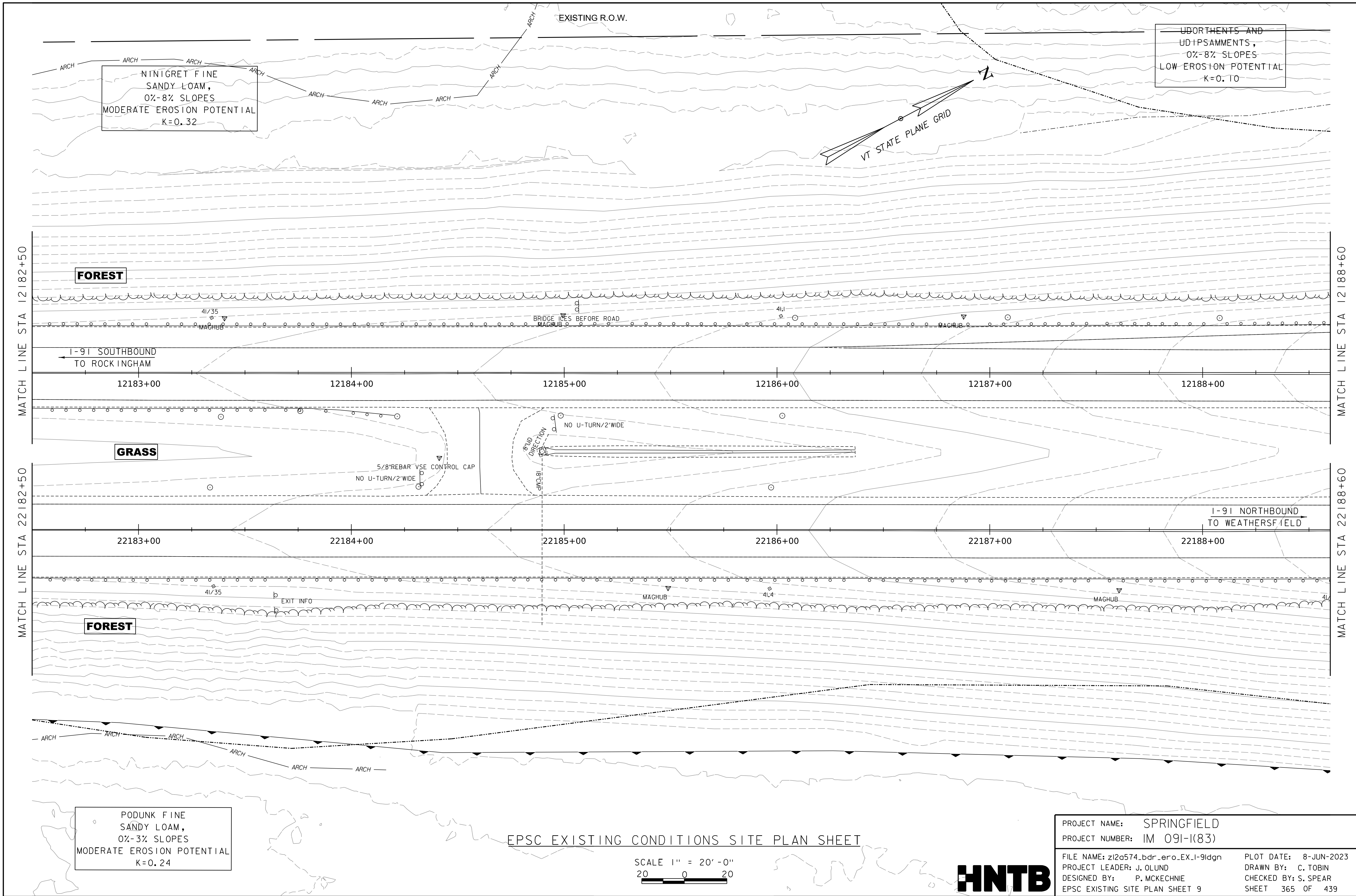
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
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PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
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PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC EXISTING SITE PLAN SHEET 8			SHEET 364 OF 439

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NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

UDORTMENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

FOREST

GRASS

FOREST

PODUNK FINE
SANDY LOAM,
0%-3% SLOPES
MODERATE EROSION POTENTIAL
K=0.24

EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
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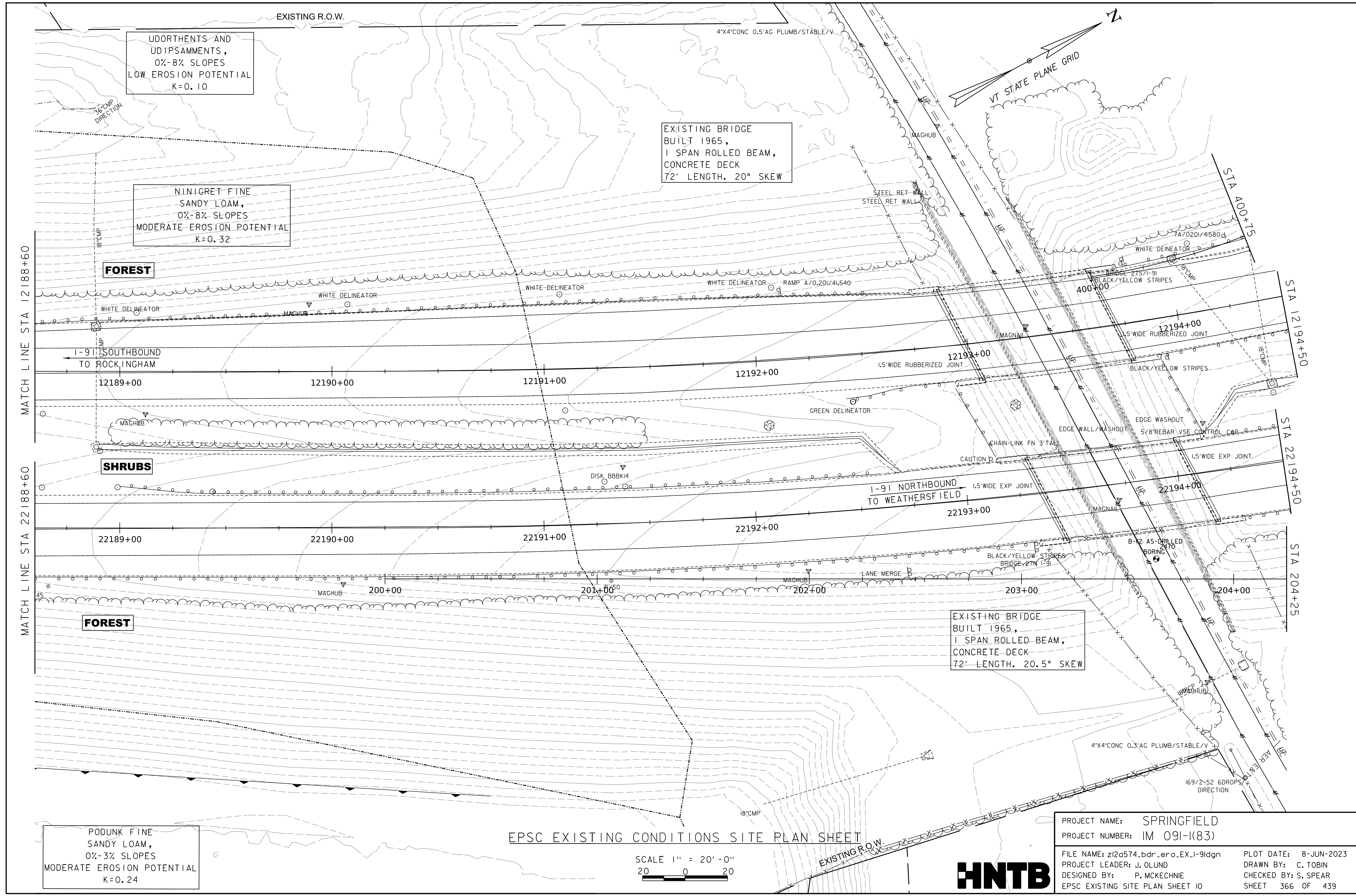


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ero_EX-I-91dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC EXISTING SITE PLAN SHEET 9

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: S. SPEAR
SHEET 365 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORTHERTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EXISTING BRIDGE
BUILT 1965,
1 SPAN ROLLED BEAM,
CONCRETE DECK
72' LENGTH, 20° SKEW

EXISTING BRIDGE
BUILT 1965,
1 SPAN ROLLED BEAM,
CONCRETE DECK
72' LENGTH, 20.5° SKEW

PODUNK FINE
SANDY LOAM,
0%-3% SLOPES
MODERATE EROSION POTENTIAL
K=0.24

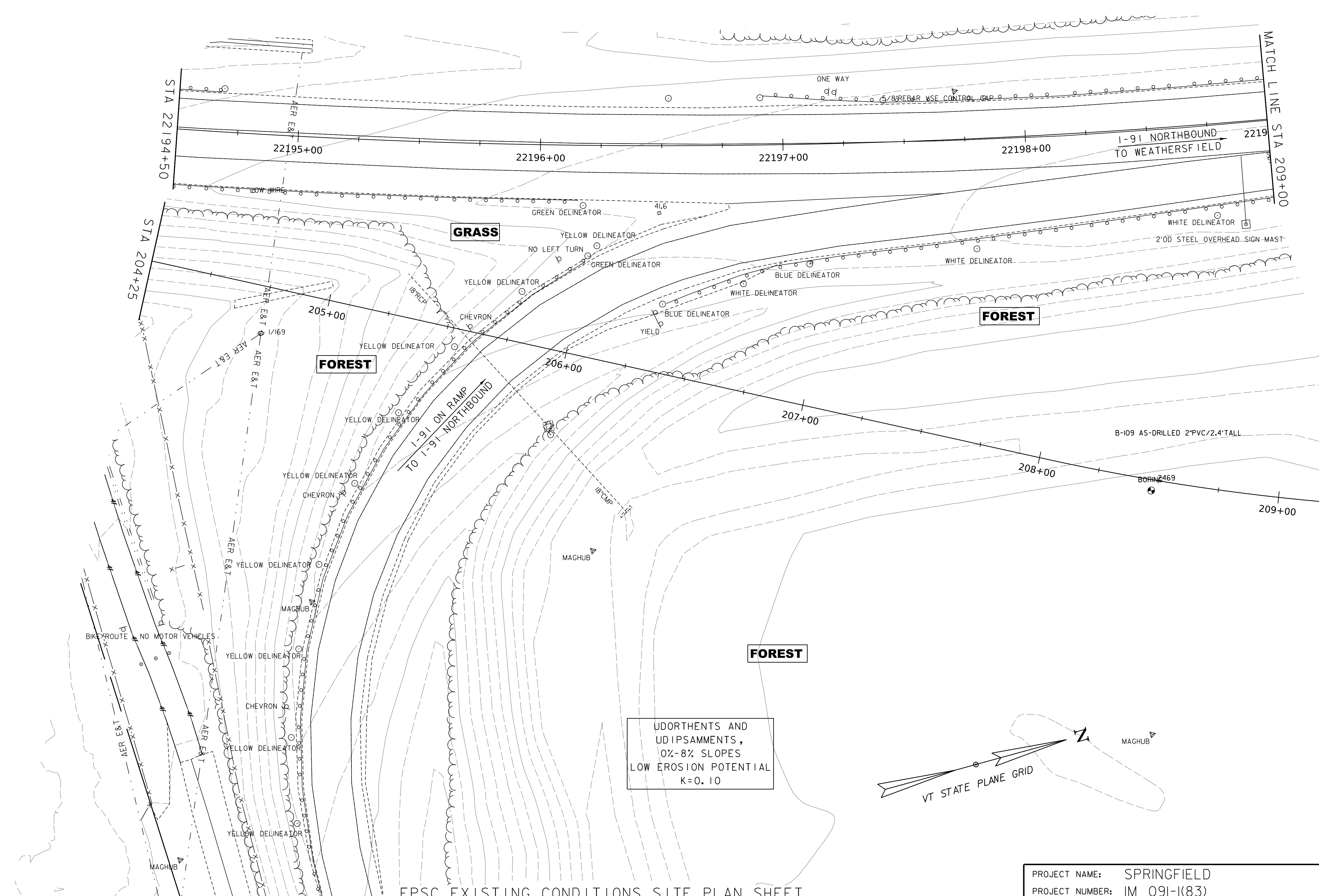
EPSC EXISTING CONDITIONS SITE PLAN SHEET

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PROJECT LEADER:	J. OLUND	SHEET	366 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 10			

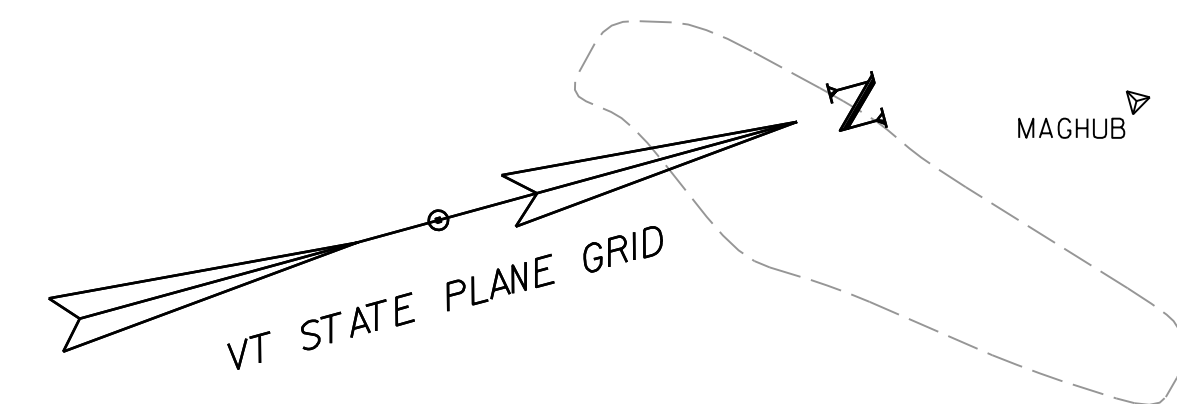


WORKING PLANS FOR REFERENCE ONLY



EPSC EXISTING CONDITIONS SITE PLAN SHEET

UDORTMENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

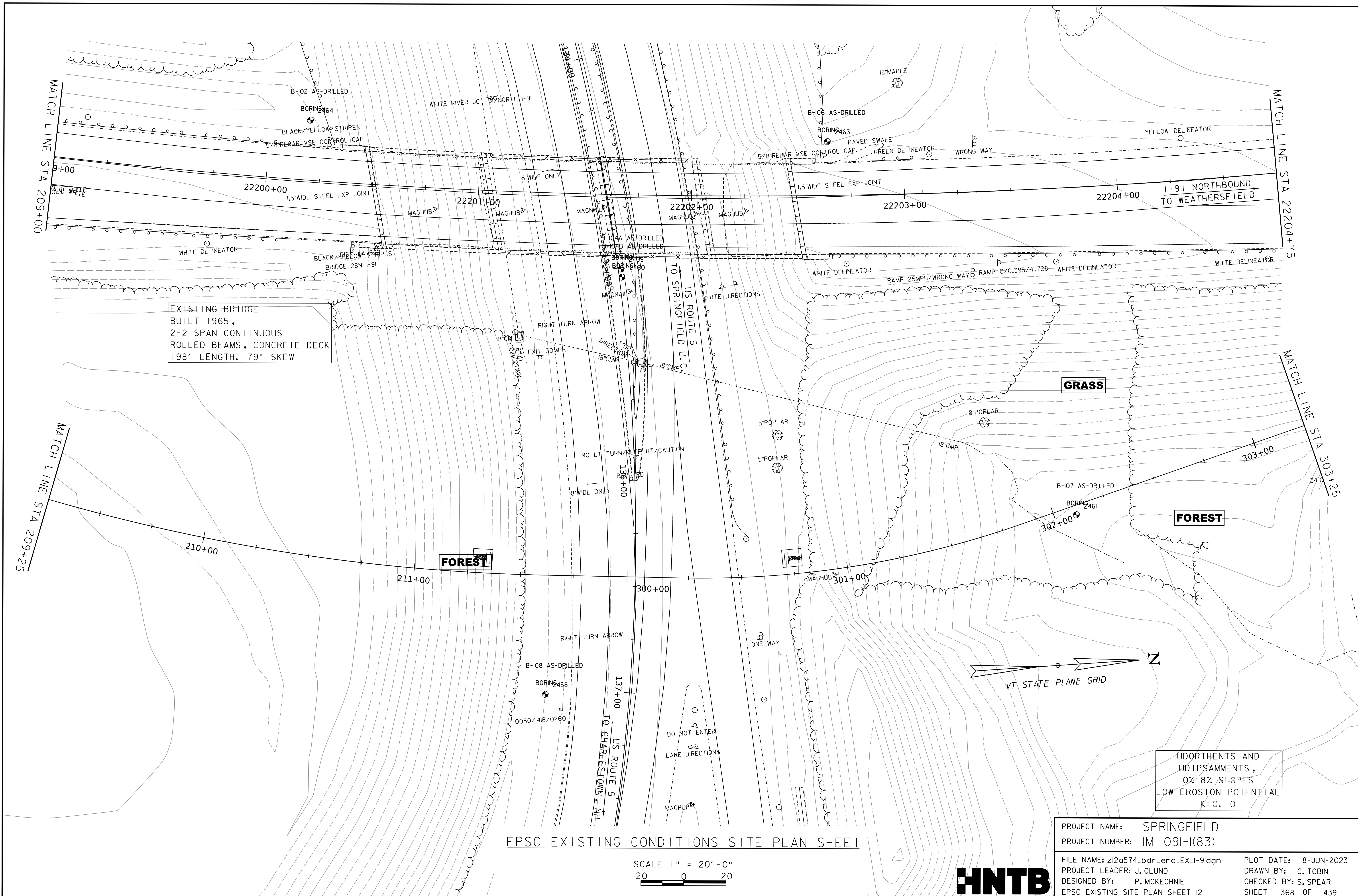


SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023	
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN	
FILE NAME:	z12a574_bdr_ero.EX.I-91dgn	DESIGNED BY:	P. MCKECHNIE	
PROJECT LEADER:	J. OLUND	EPSC EXISTING SITE PLAN SHEET II	CHECKED BY:	S. SPEAR
			SHEET	367 OF 439



WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
 BUILT 1965,
 2-2 SPAN CONTINUOUS
 ROLLED BEAMS, CONCRETE DECK
 198' LENGTH, 79° SKEW

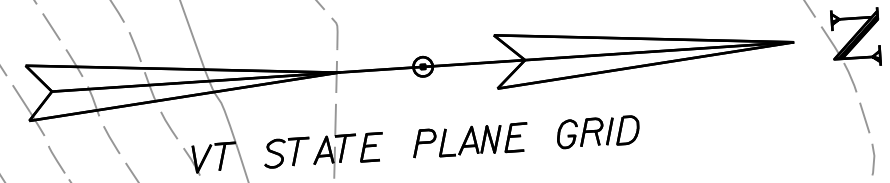
FOREST

GRASS

FOREST

EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20' - 0"
 20 0 20



UDORTHERTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

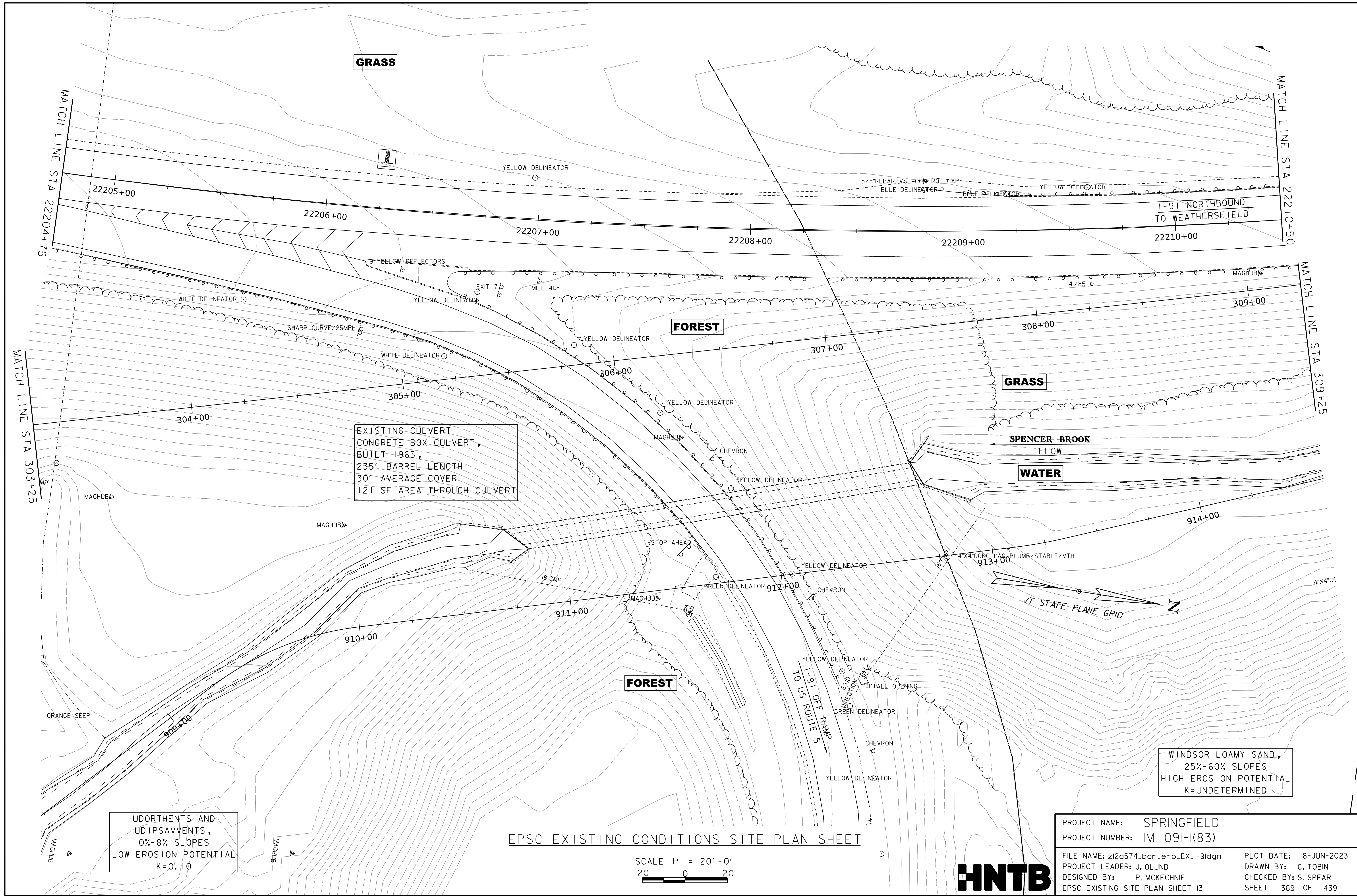
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ero_EX-I-91dgn
 PROJECT LEADER: J. OLUND
 DESIGNED BY: P. MCKECHNIE
 EPSC EXISTING SITE PLAN SHEET 12

PLOT DATE: 8-JUN-2023
 DRAWN BY: C. TOBIN
 CHECKED BY: S. SPEAR
 SHEET 368 OF 439



WORKING PLANS FOR REFERENCE ONLY



GRASS

FOREST

GRASS

WATER

FOREST

EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 235' BARREL LENGTH
 30' AVERAGE COVER
 121 SF AREA THROUGH CULVERT

UDORTHENTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

WINDSOR LOAMY SAND,
 25%-60% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

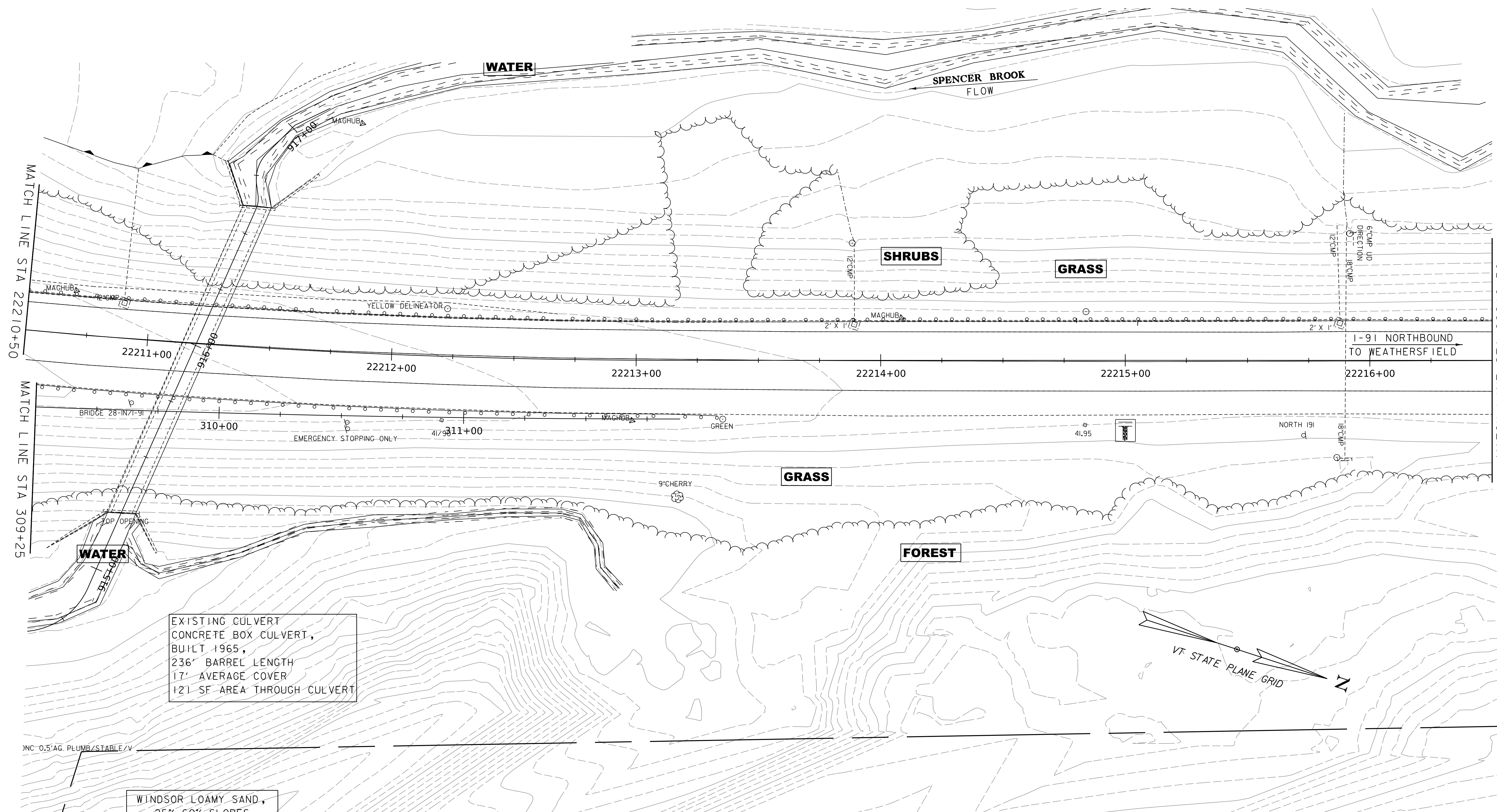
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	369 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 13			



WORKING PLANS FOR REFERENCE ONLY

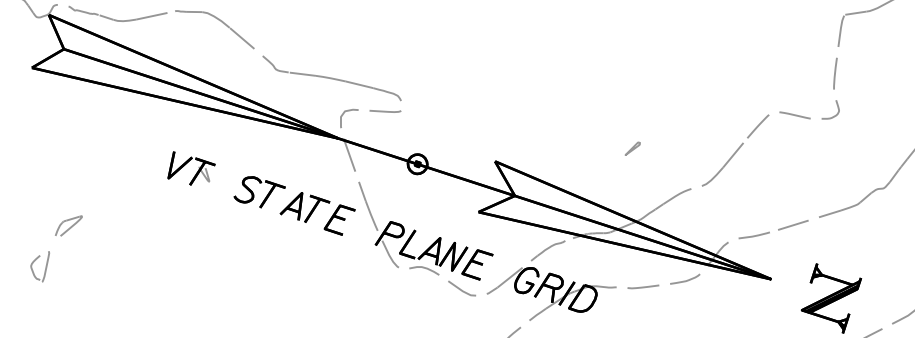


EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 236' BARREL LENGTH
 17' AVERAGE COVER
 121 SF AREA THROUGH CULVERT

WINDSOR LOAMY SAND,
 25%-60% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

EPSC EXISTING CONDITIONS SITE PLAN SHEET

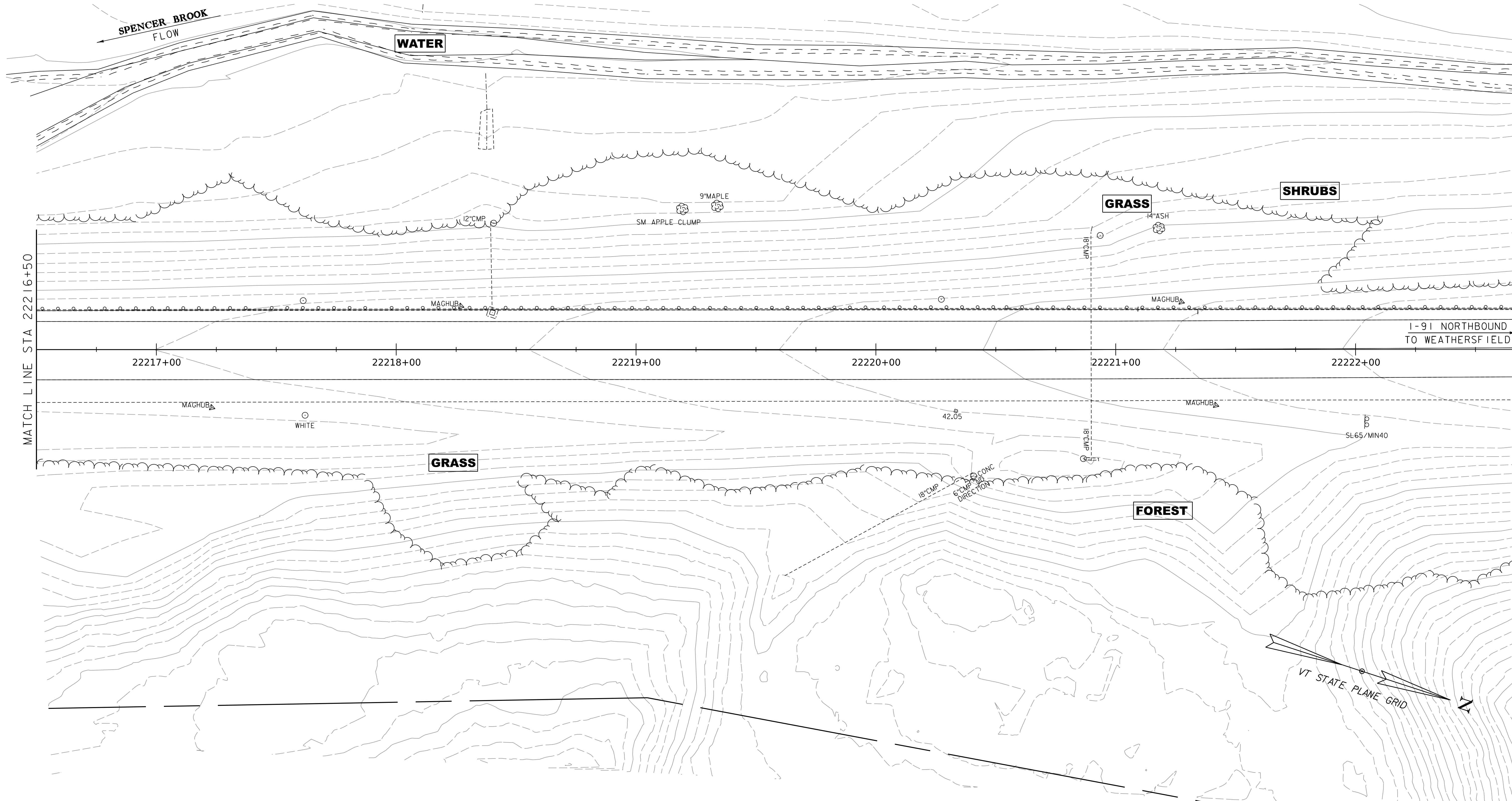
SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023	
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN	
FILE NAME:	z12a574_bdr_ero.EX.I-91dgn	DESIGNED BY:	P. MCKECHNIE	
PROJECT LEADER:	J. OLUND	EPSC EXISTING SITE PLAN SHEET 14	CHECKED BY:	S. SPEAR
			SHEET	370 OF 439



WORKING PLANS FOR REFERENCE ONLY



WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

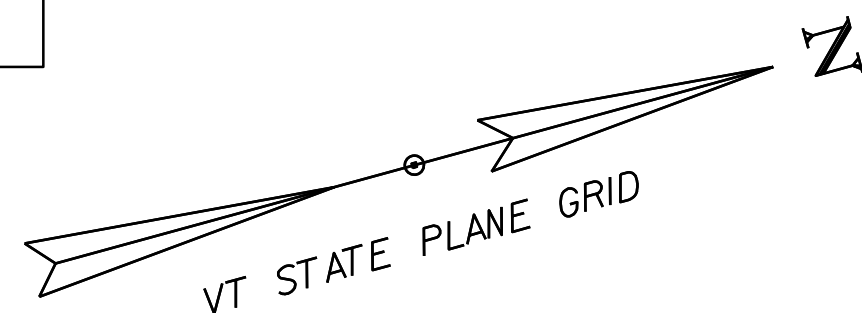
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	371 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 15			

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10



GRAVEL

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

FOREST

FOREST

GRASS

FOREST

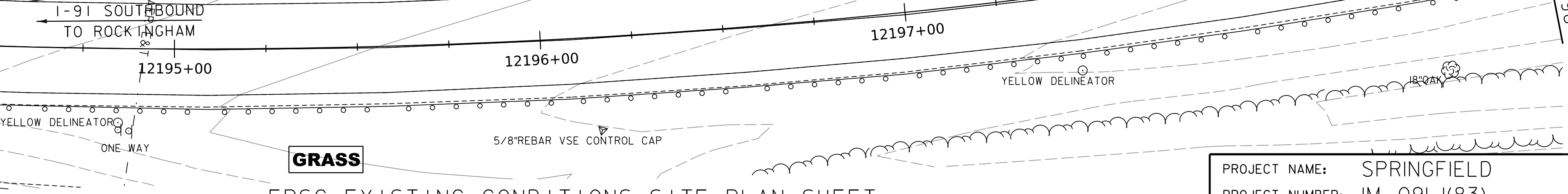
FOREST

GRASS

STA 400+75

MATCH LINE STA 12198+75

STA 12194+50



EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

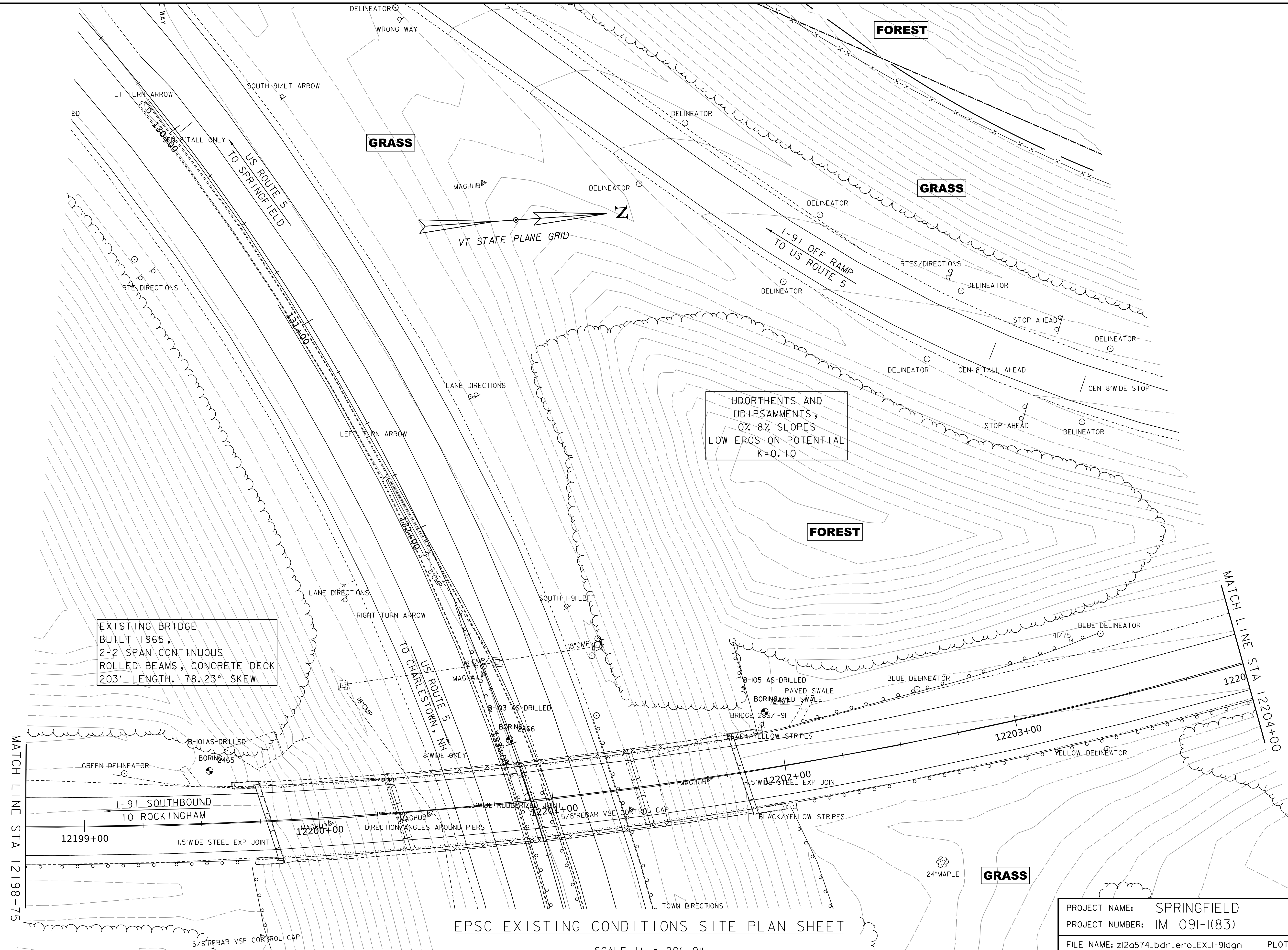
FILE NAME: z12a574_bdr_ero.EX.I-91dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC EXISTING SITE PLAN SHEET 16

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: S. SPEAR
SHEET 372 OF 439



WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
 BUILT 1965,
 2-2 SPAN CONTINUOUS
 ROLLED BEAMS, CONCRETE DECK
 203' LENGTH, 78.23° SKEW

UDORTHENTS AND
 UD+PSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

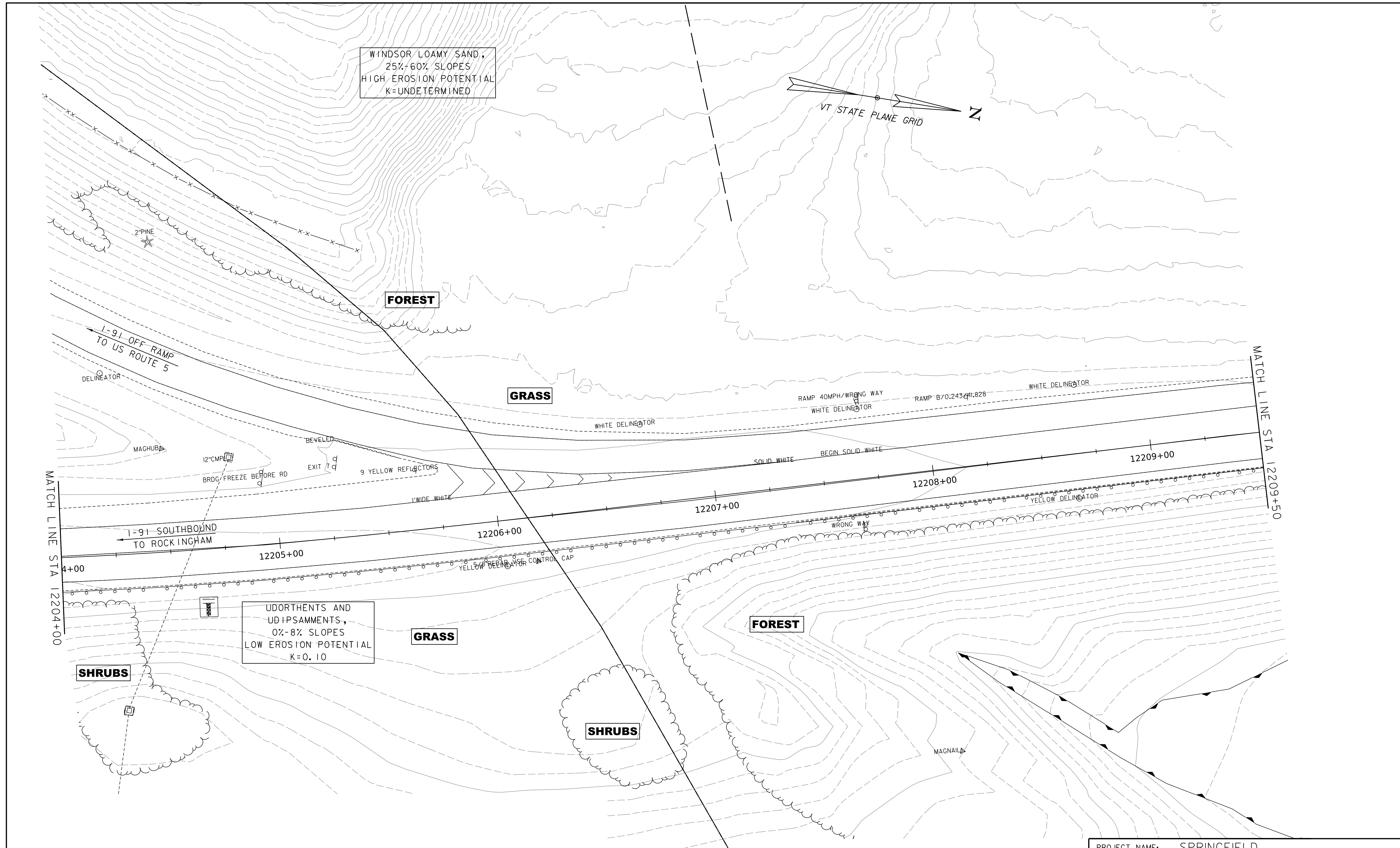
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023	
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN	
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	DESIGNED BY:	P. MCKECHNIE	
PROJECT LEADER:	J. OLUND	EPSC EXISTING SITE PLAN SHEET 17	CHECKED BY:	S. SPEAR
			SHEET	373 OF 439



WORKING PLANS FOR REFERENCE ONLY



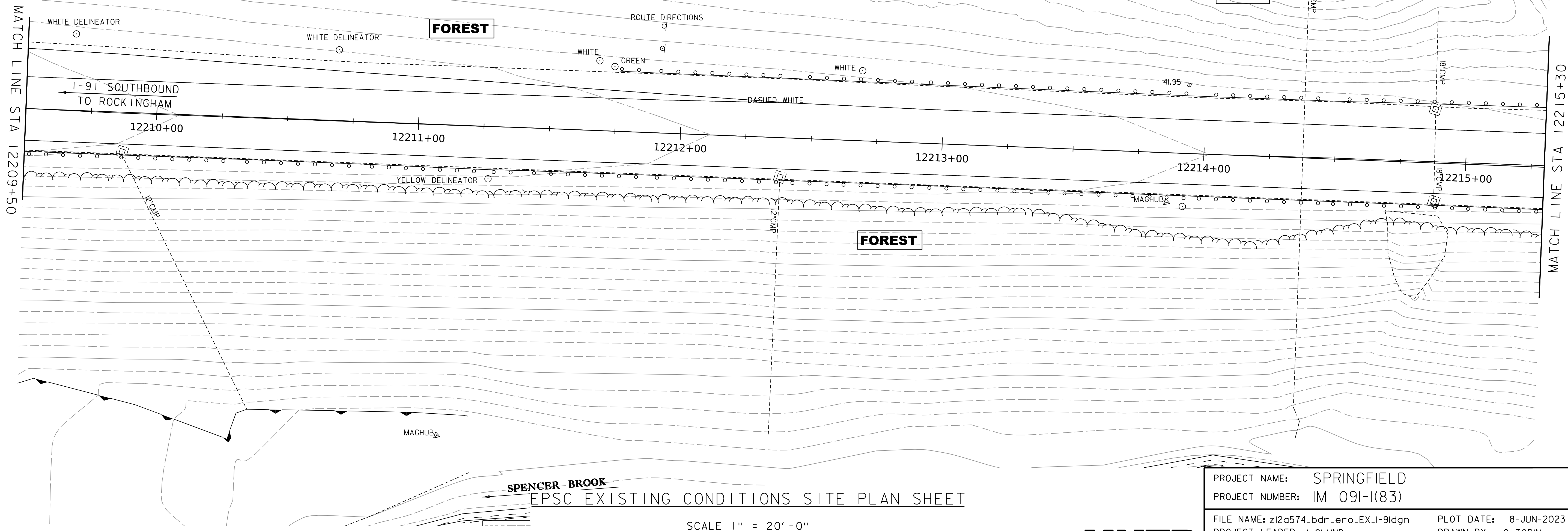
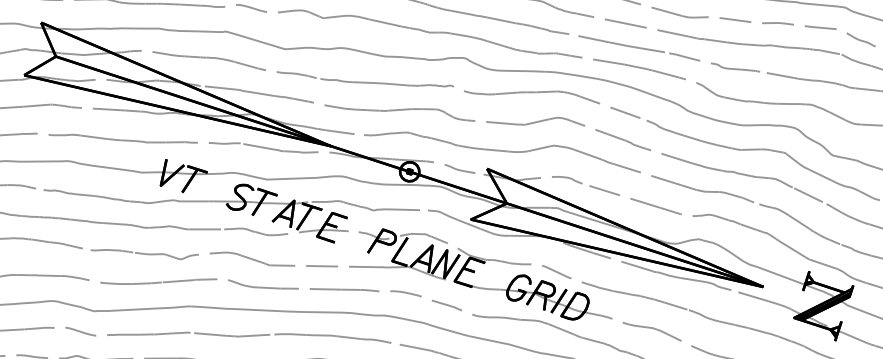
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	374 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 18			

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



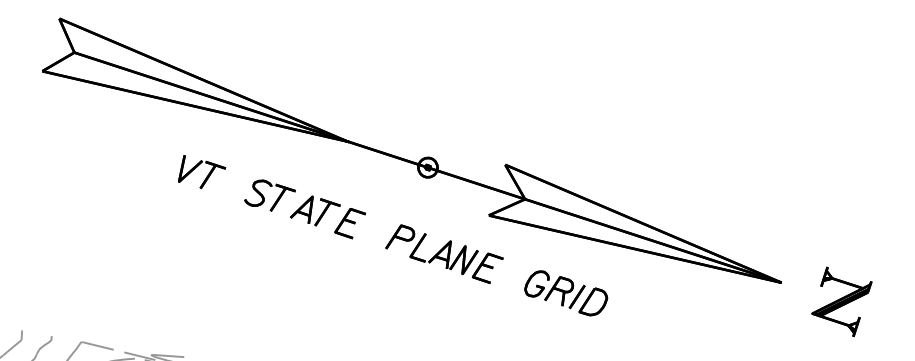
WORKING PLANS FOR REFERENCE ONLY

SPENCER BROOK
EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	375 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 19			



FOREST

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

GRASS

FOREST

MATCH LINE STA 12215+30

I-91 SOUTHBOUND
TO ROCKINGHAM

12216+00

12217+00

12218+00

12219+00

12220+00

12221+00

YELLOW

MAGHUB
YELLOW

24' CMP
THIS END

12' CMP

12' CMP

EPSC EXISTING CONDITIONS SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ero_EX-I-91dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	376 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 20			

WORKING PLANS FOR REFERENCE ONLY

GLOVER-VERSHIRE
COMPLEX,
35%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDEFINED

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

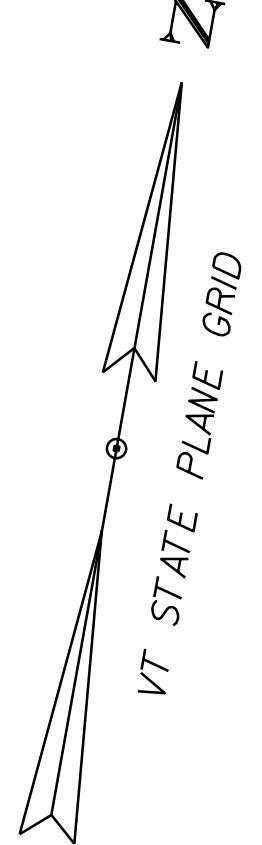
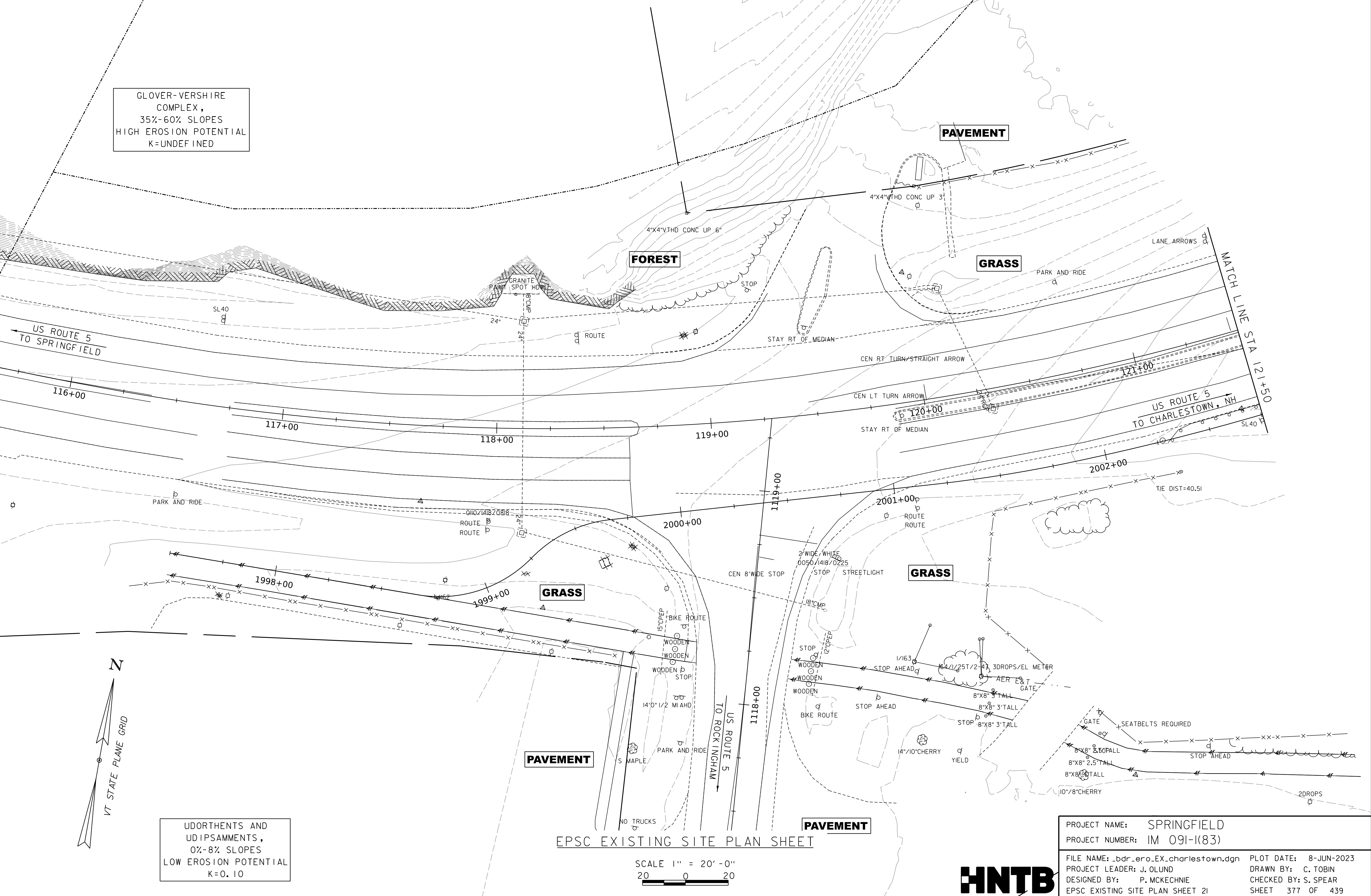
EPSC EXISTING SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20

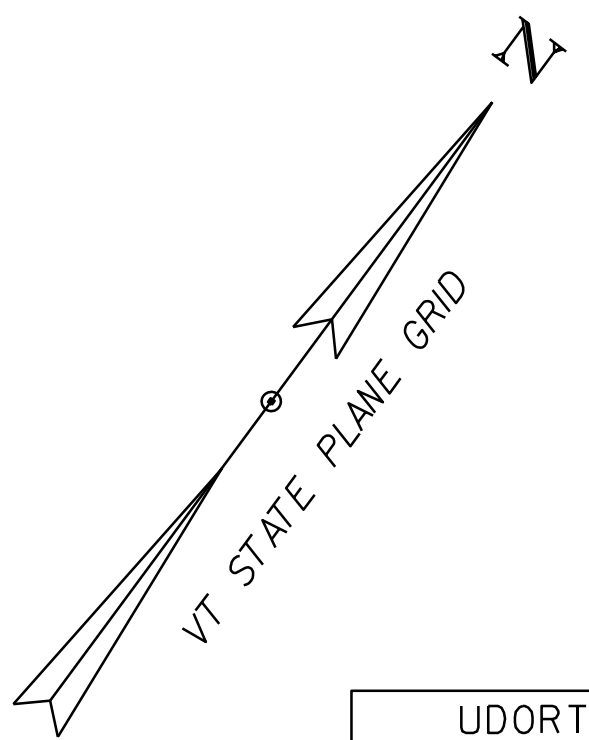
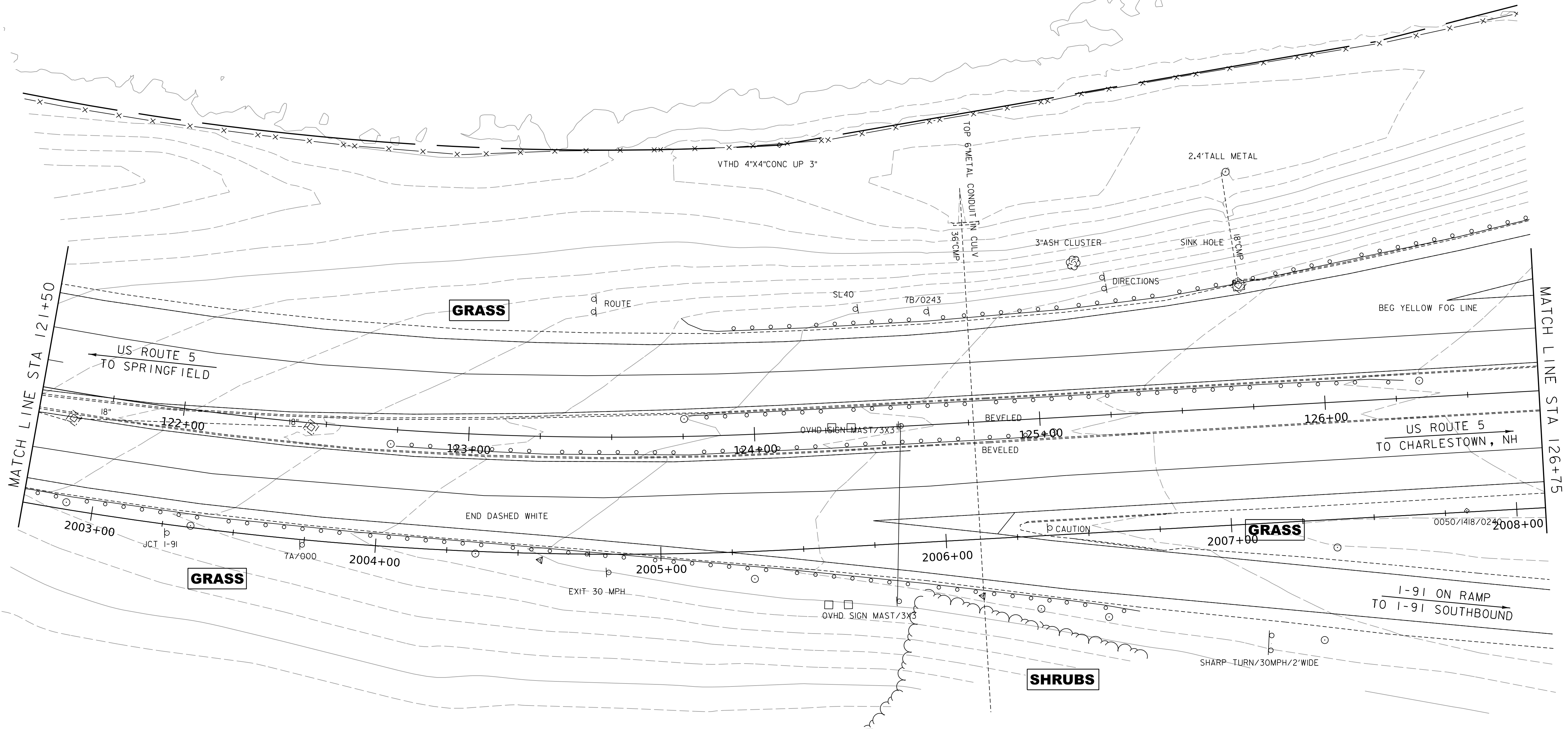
PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: bdr_ero_EX.charlestown.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC EXISTING SITE PLAN SHEET 21 SHEET 377 OF 439

WORKING PLANS FOR REFERENCE ONLY



WORKING PLANS FOR REFERENCE ONLY



UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

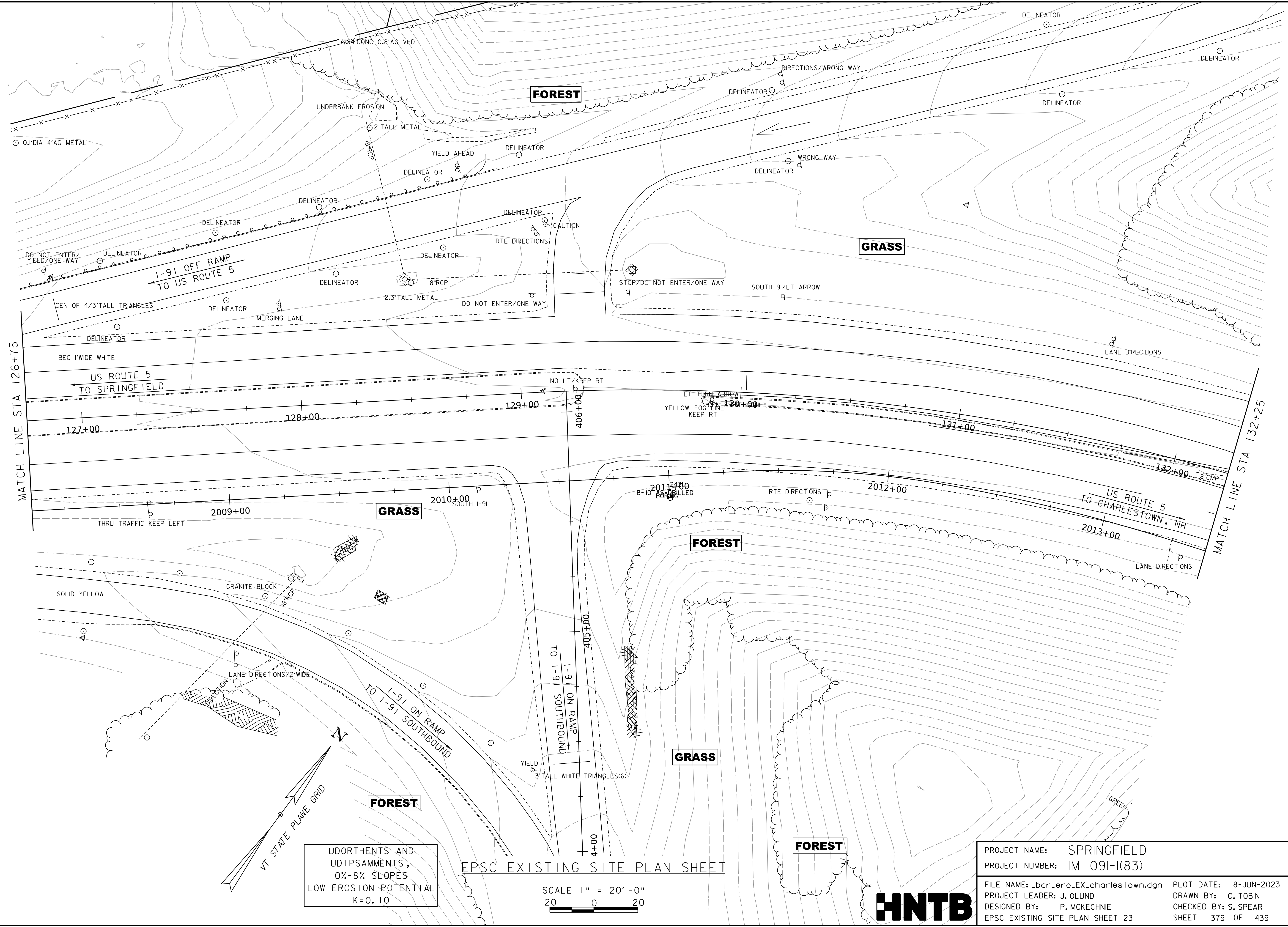
EPSC EXISTING SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: _bdr_ero_EX.charlestown.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: P. MCKECHNIE	CHECKED BY: S. SPEAR
EPSC EXISTING SITE PLAN SHEET 22	SHEET 378 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORTENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

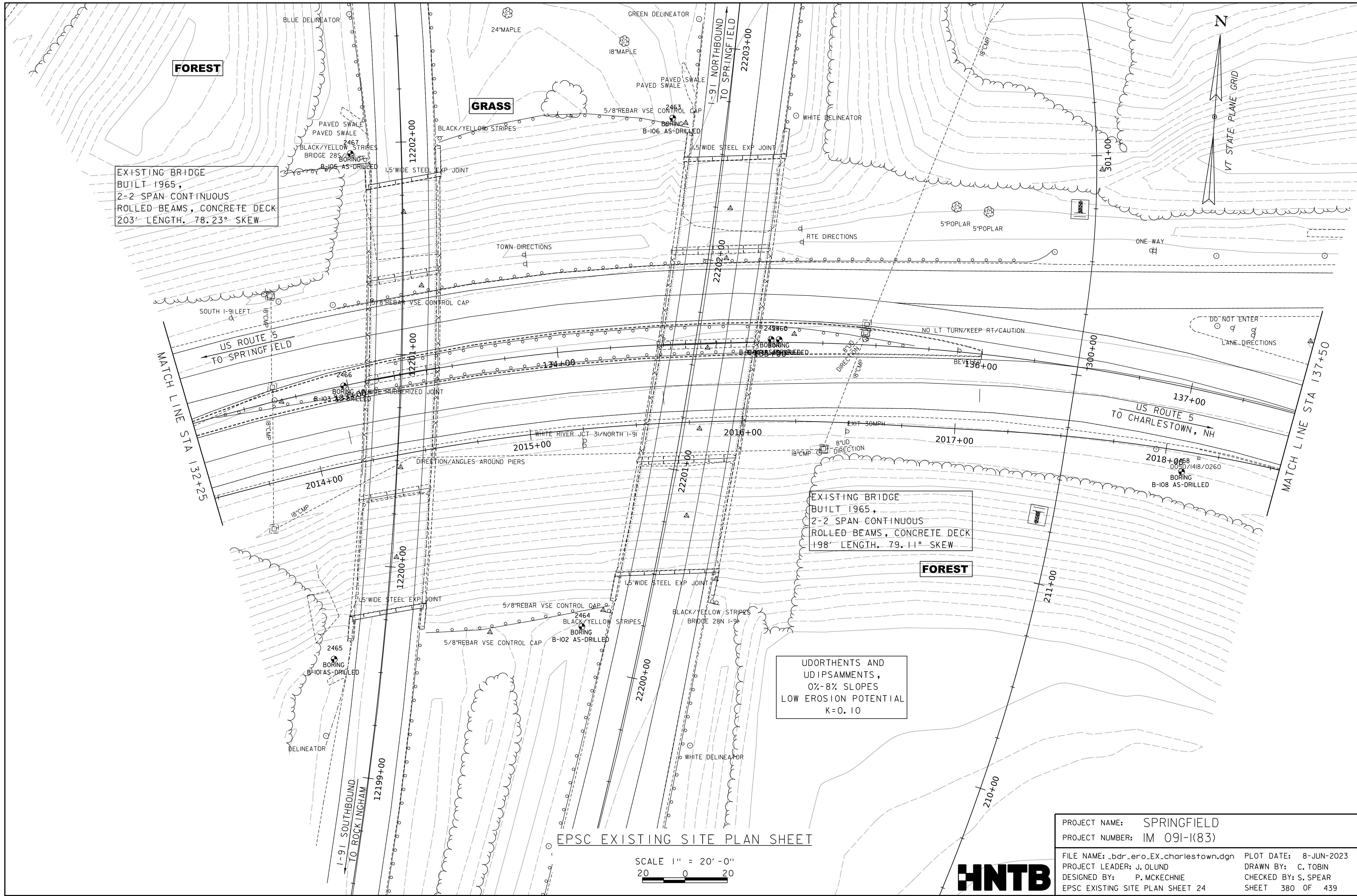
EPSC EXISTING SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	_bdr_ero_EX_charlestown.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	SHEET	379 OF 439
DESIGNED BY:	P. MCKECHNIE		
EPSC EXISTING SITE PLAN SHEET 23			



WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
 BUILT 1965,
 2-2 SPAN CONTINUOUS
 ROLLED BEAMS, CONCRETE DECK
 203' LENGTH. 78.23° SKEW

EXISTING BRIDGE
 BUILT 1965,
 2-2 SPAN CONTINUOUS
 ROLLED BEAMS, CONCRETE DECK
 198' LENGTH. 79.11° SKEW

UDORTMENTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

EPSC EXISTING SITE PLAN SHEET

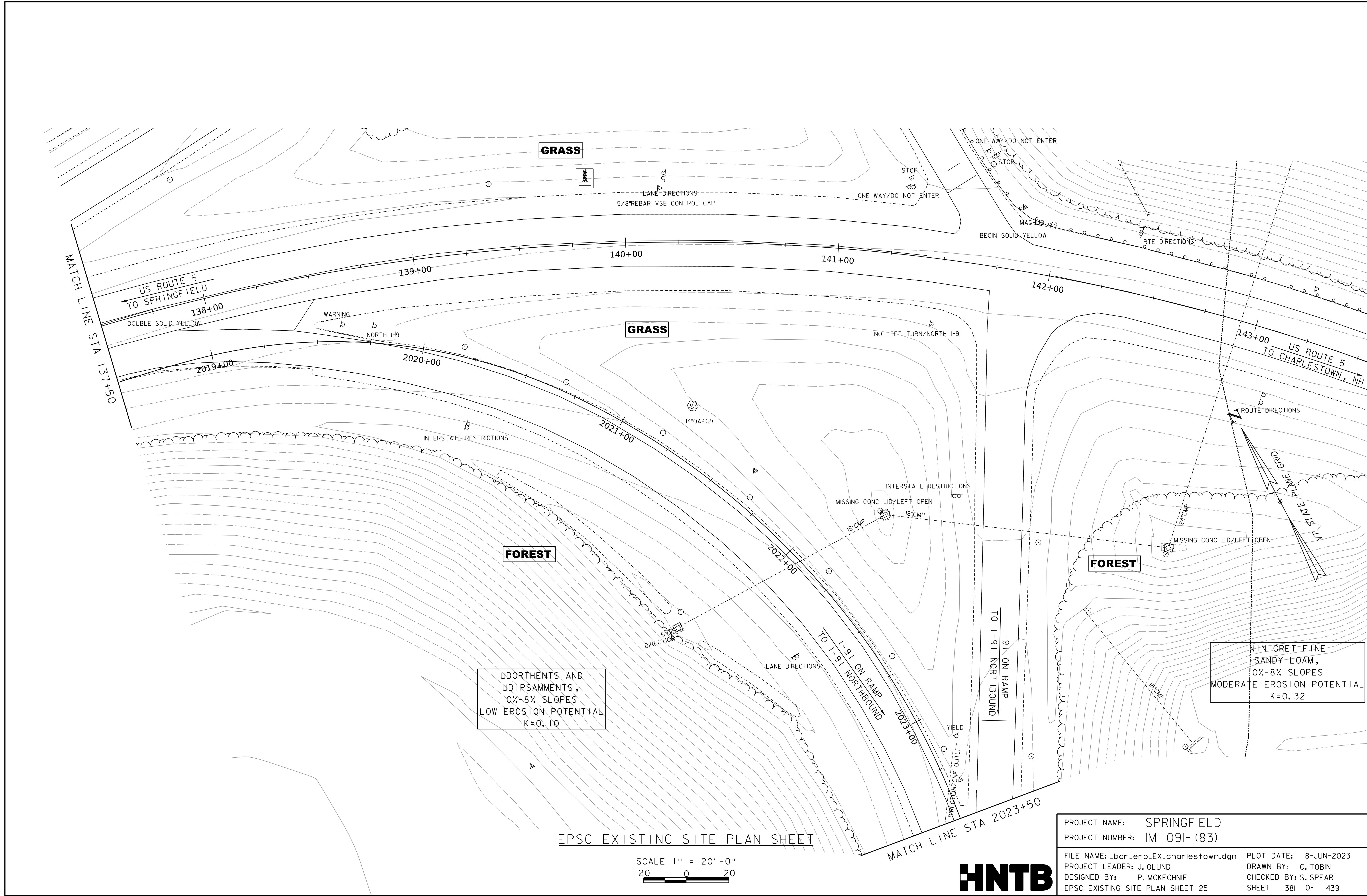
SCALE 1" = 20'-0"
 20 0 20

PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-1(83)

FILE NAME: bdr_ero_EX.charlestown.dgn PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: C. TOBIN
 DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
 EPSC EXISTING SITE PLAN SHEET 24 SHEET 380 OF 439



WORKING PLANS FOR REFERENCE ONLY



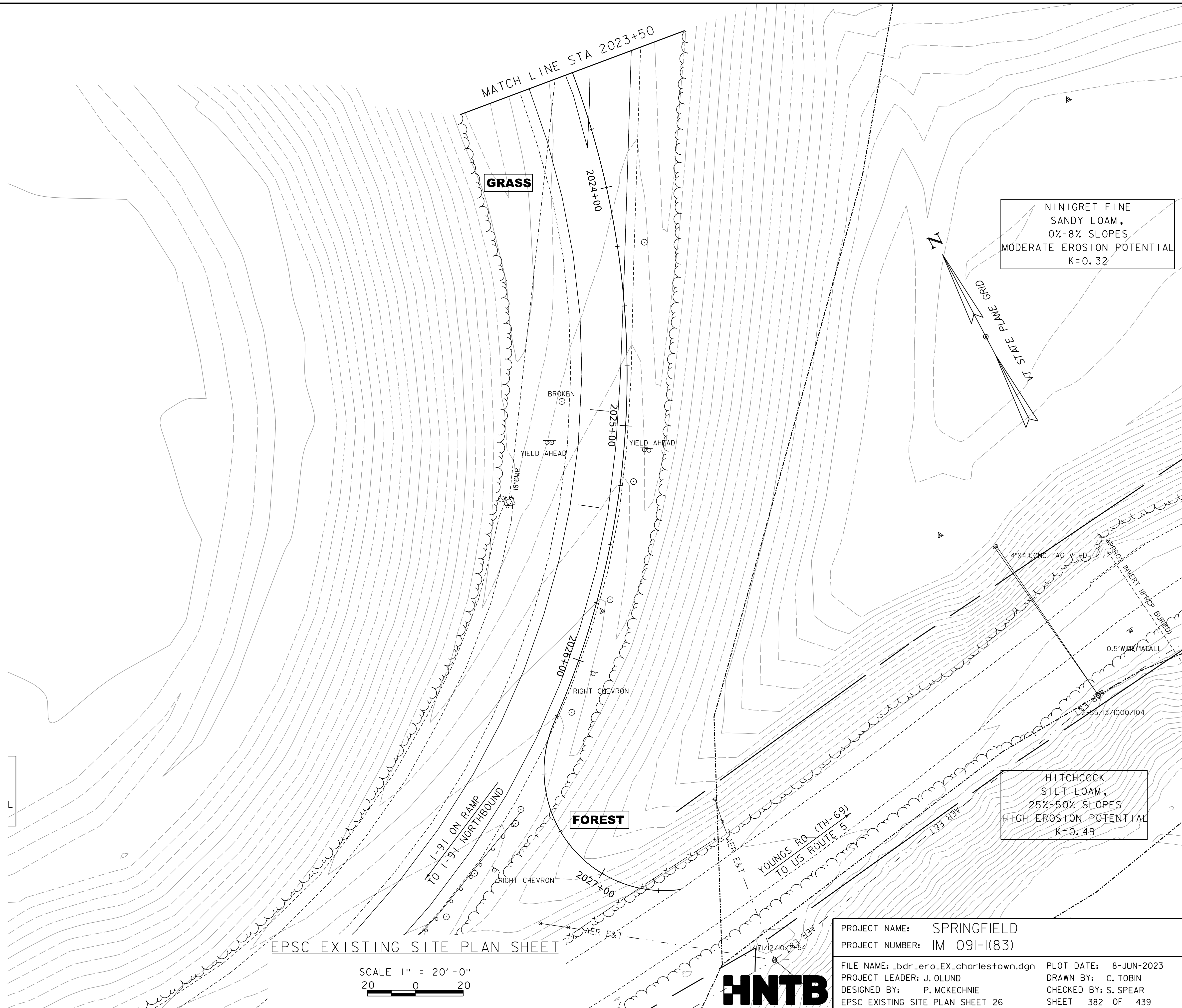
EPSC EXISTING SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	_bdr_ero_EX.charlestown.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC EXISTING SITE PLAN SHEET 25		SHEET	381 OF 439

WORKING PLANS FOR REFERENCE ONLY



EPSC EXISTING SITE PLAN SHEET

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	_bdr_ero_EX_charlestown.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC EXISTING SITE PLAN SHEET 26		SHEET	382 OF 439

UDORTHENTS AND
UD/PSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

EXISTING CULVERT
CONCRETE BOX CULVERT,
BUILT 1965,
430' BARREL LENGTH
30' AVERAGE COVER
121 SF AREA THROUGH CULVERT

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

LIMERICK SILT
LOAM,
0%-2% SLOPES
HIGH EROSION POTENTIAL
K=0.43

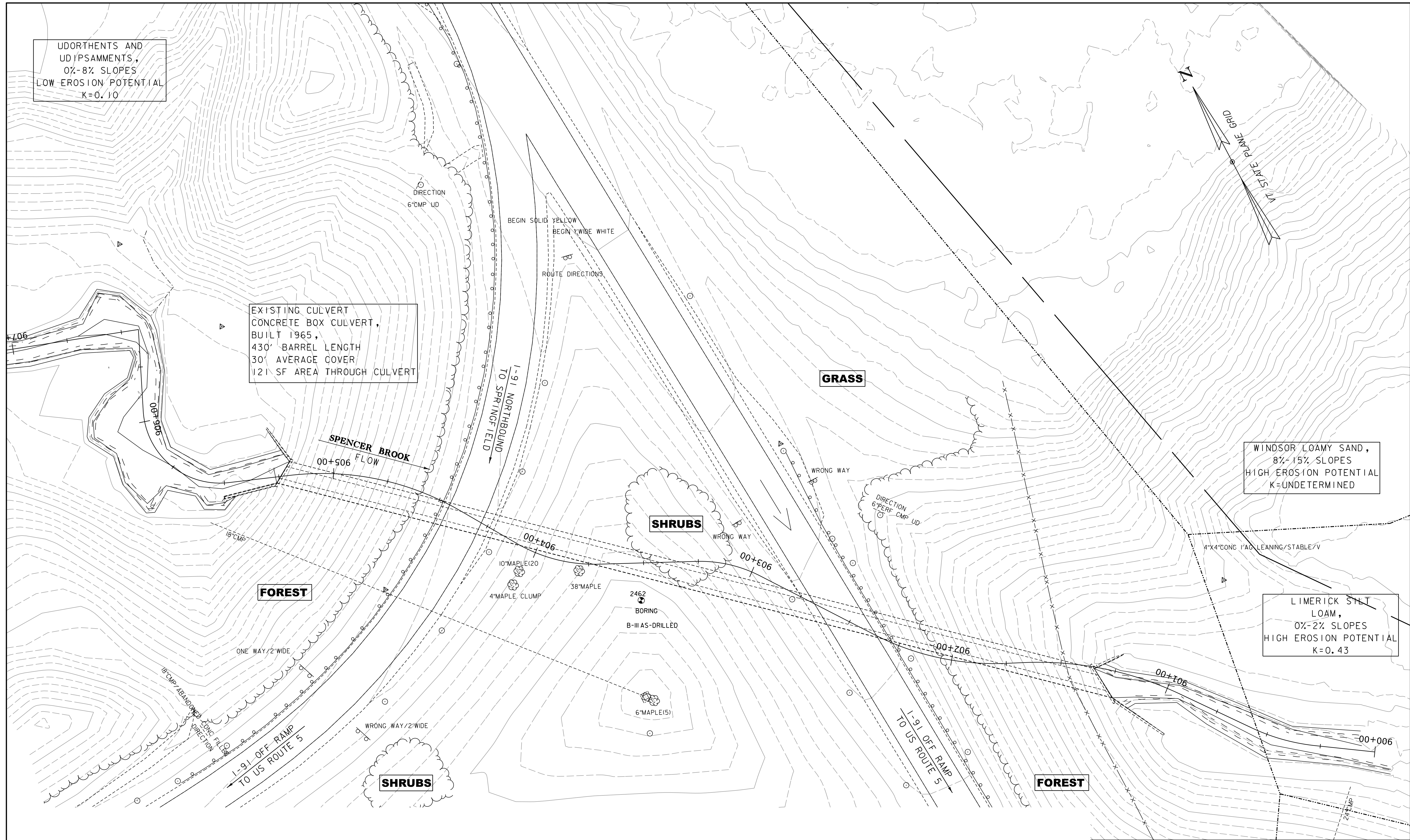
WORKING PLANS FOR REFERENCE ONLY

EPSC EXISTING SITE PLAN SHEET

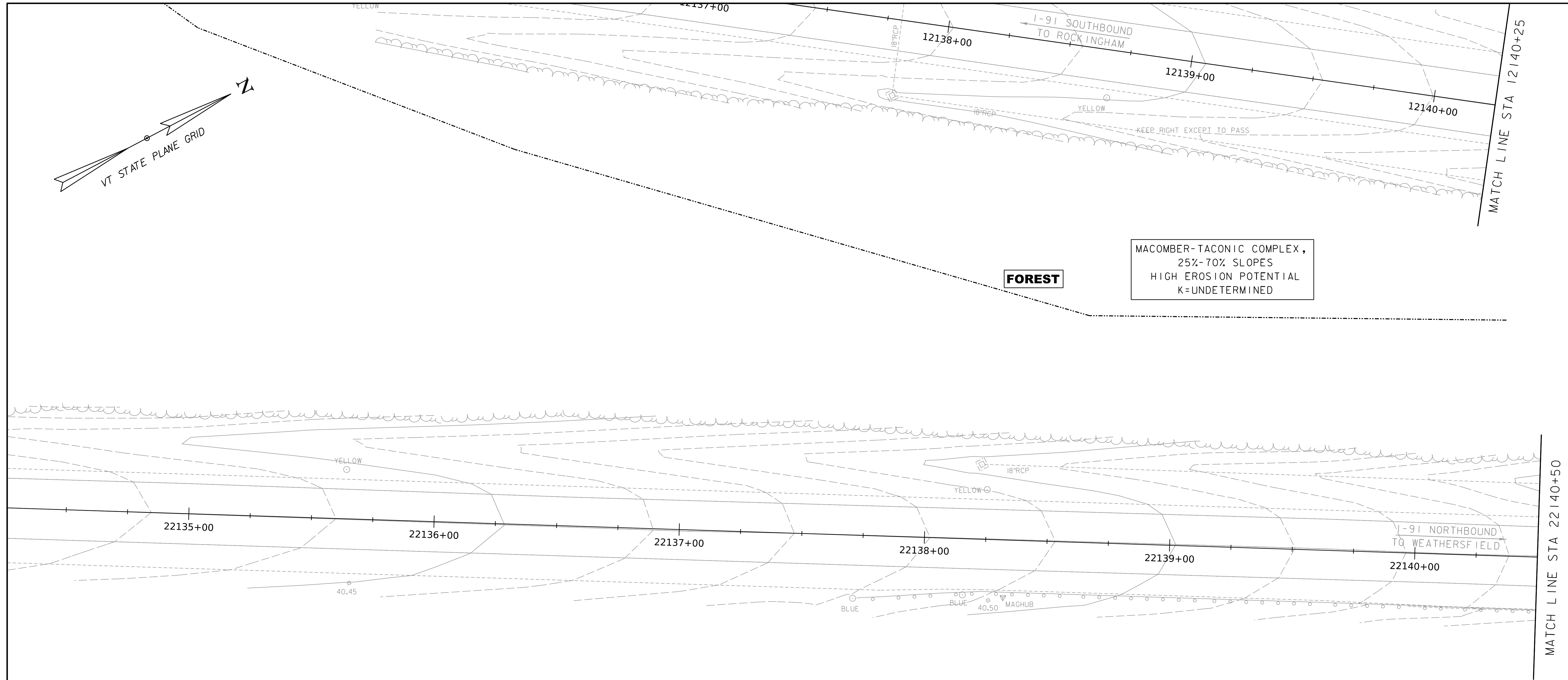
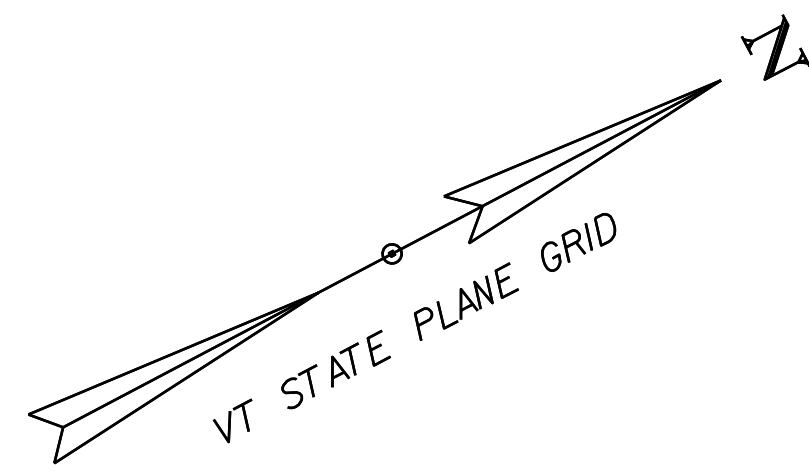
SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	ldr_ero_EX.charlestown.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC EXISTING SITE PLAN SHEET 27		SHEET	383 OF 439



WORKING PLANS FOR REFERENCE ONLY



FOREST

MACOMBER-TACONIC COMPLEX,
25%-70% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

FOREST

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

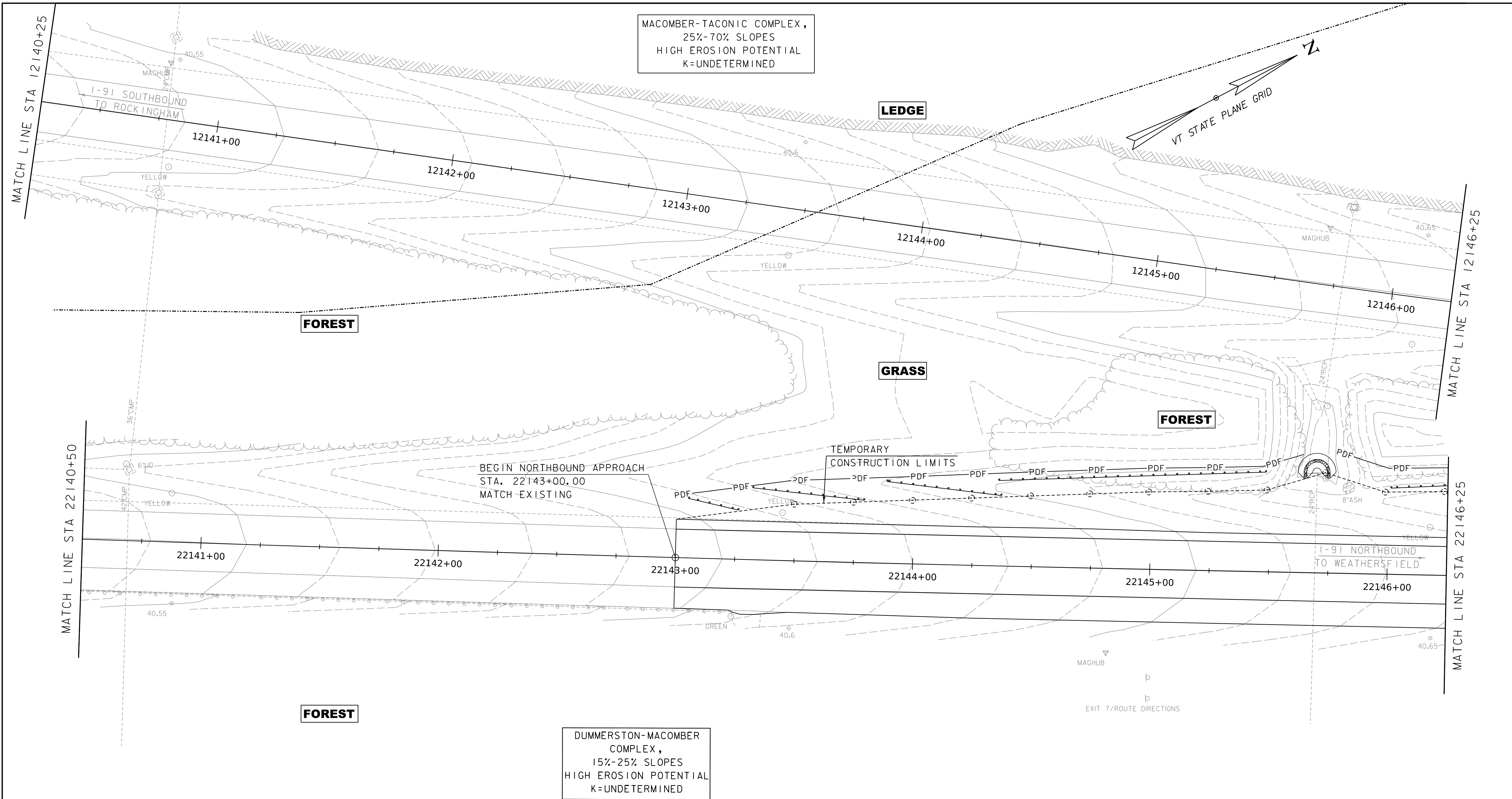
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20

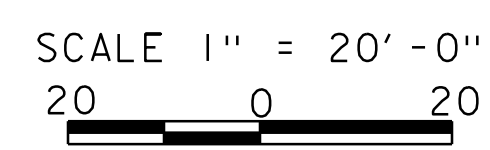


PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ero.Const_I-91.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET I	SHEET 384 OF 439

WORKING PLANS FOR REFERENCE ONLY



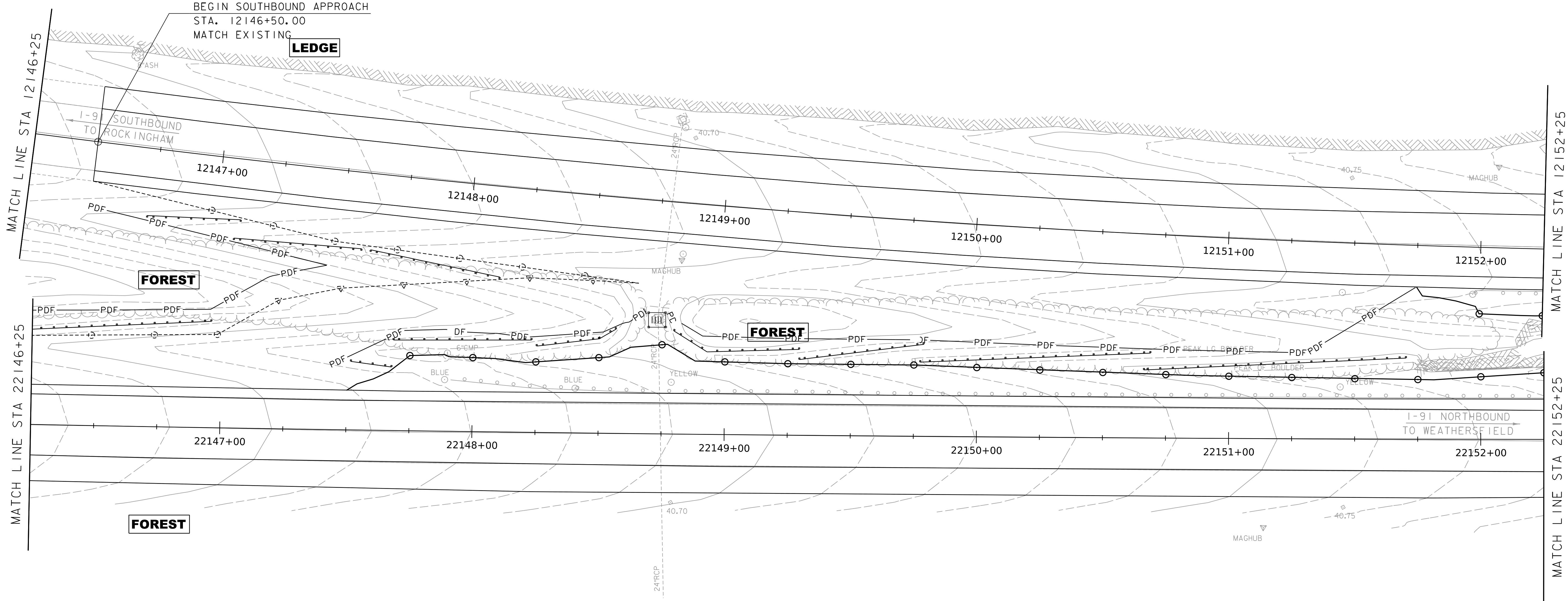
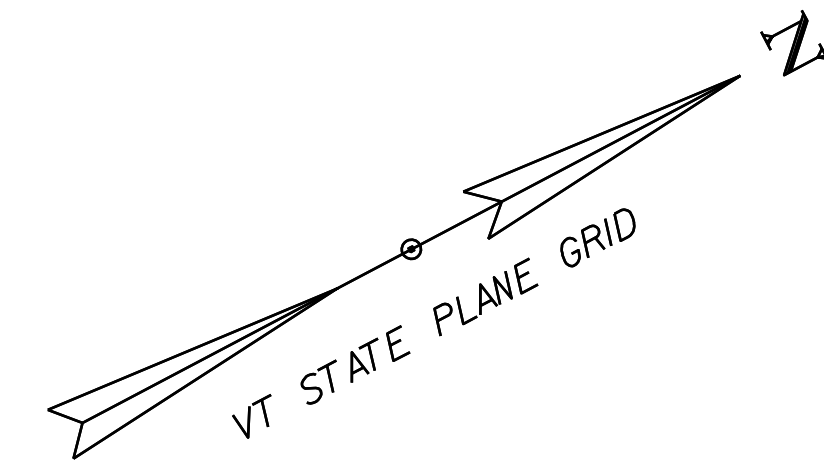
EPSC CONSTRUCTION SITE PLAN SHEET



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ero.Const_I-91.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
EPSC CONSTRUCTION SITE PLAN SHEET 2	
PLOT DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
SHEET	385 OF 439

WORKING PLANS FOR REFERENCE ONLY

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

GRASS

EPSC CONSTRUCTION SITE PLAN SHEET

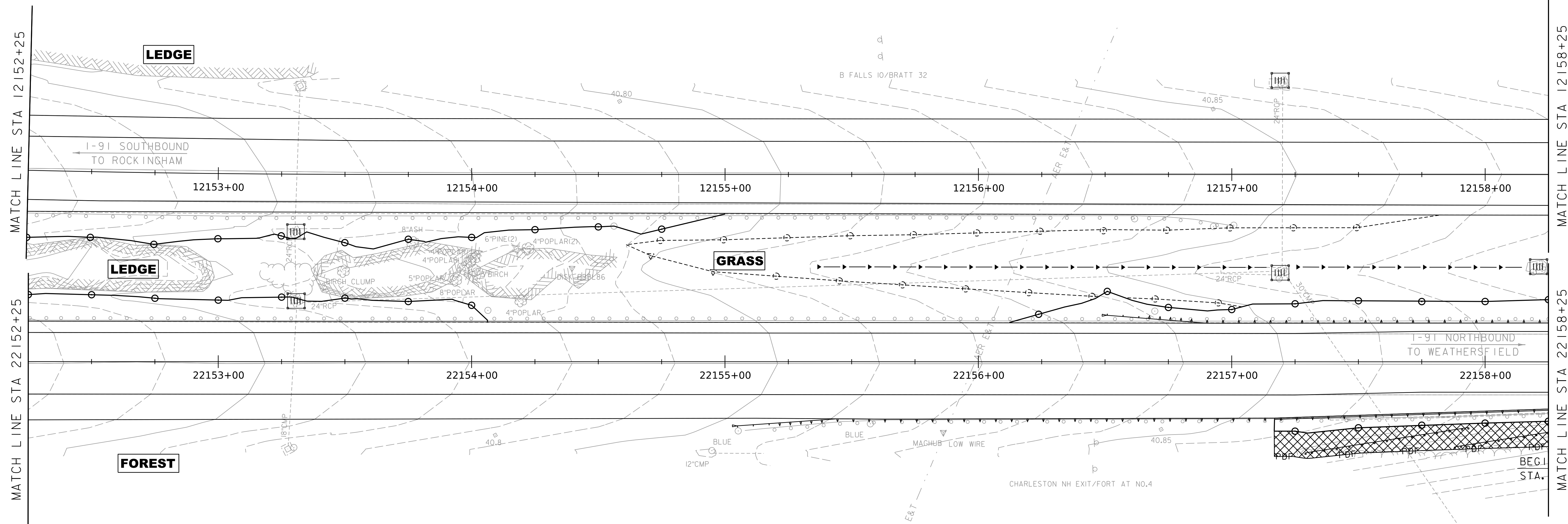
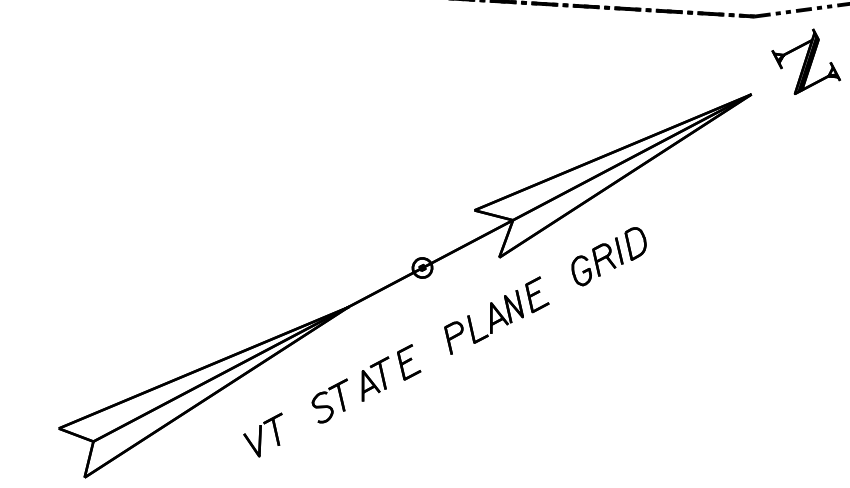
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ero_Const_I-91.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 3	SHEET 386 OF 439

WORKING PLANS FOR REFERENCE ONLY

MACOMBER-TACONIC
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

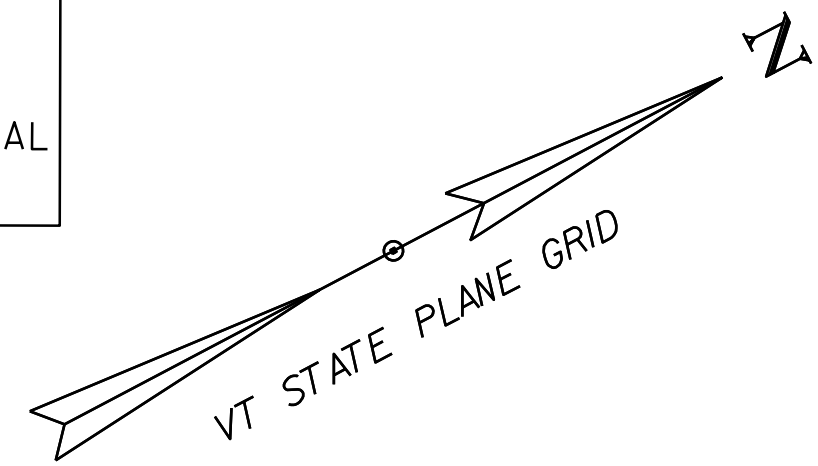
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero.Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 4		SHEET 387 OF 439	

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
205' LENGTH. 45° SKEW

BEGIN BRIDGE 25S
STA. 12160+45.17

BEGIN SOUTHBOUND PROJECT
STA. 12159+75.00

STOP SOUTHBOUND PROJECT
STA. 12163+25.00

END BRIDGE 25S
STA. 12162+51.83

END BRIDGE 25N
STA. 22161+88.08

BEGIN BRIDGE 25N
STA. 22159+61.42

STOP NORTHBOUND PROJECT
STA. 22162+50.00

WINDSOR LOAMY SAND,
0%-8% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

MATCH LINE STA 12158+25

MATCH LINE STA 22158+25

MATCH LINE STA 12164+25

MATCH LINE STA 22164+25

FOREST

FOREST

GRASS

GRASS

FOREST

FOREST

I-91 SOUTHBOUND
TO ROCKINGHAM

I-91 NORTHBOUND
TO WEATHERSFIELD

EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20

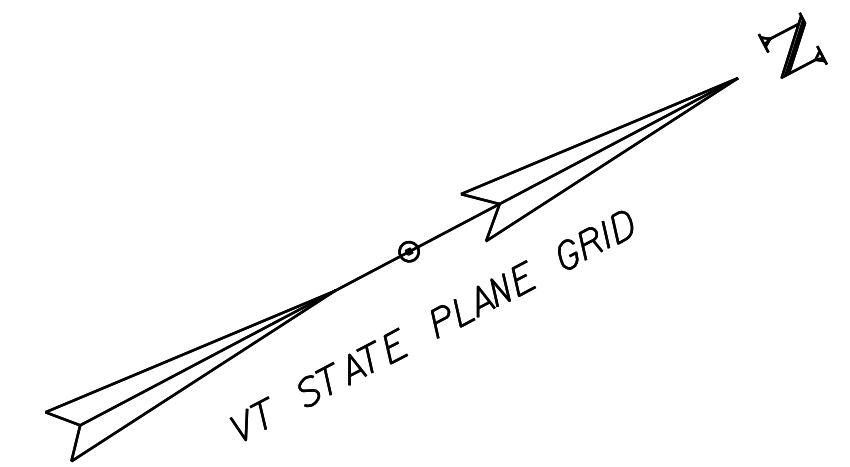


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ero.Const.I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 5 SHEET 388 OF 439

WORKING PLANS FOR REFERENCE ONLY

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



EXISTING R.O.W.

MATCH LINE STA 12164+25

MATCH LINE STA 12170+25

FOREST

I-91 SOUTHBOUND
TO ROCKINGHAM

12165+00

12166+00

12167+00

12168+00

12169+00

12170+00

GRASS

578 REBAR VSE CONTROL CAP

I-91 NORTHBOUND
TO WEATHERSFIELD

22165+00

22166+00

22167+00

22168+00

22169+00

22170+00

FOREST

EXIT 7 - SPFIELD 17.2MI/NEXT 10MI

BRIDGE ICES BEFORE ROAD

NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20

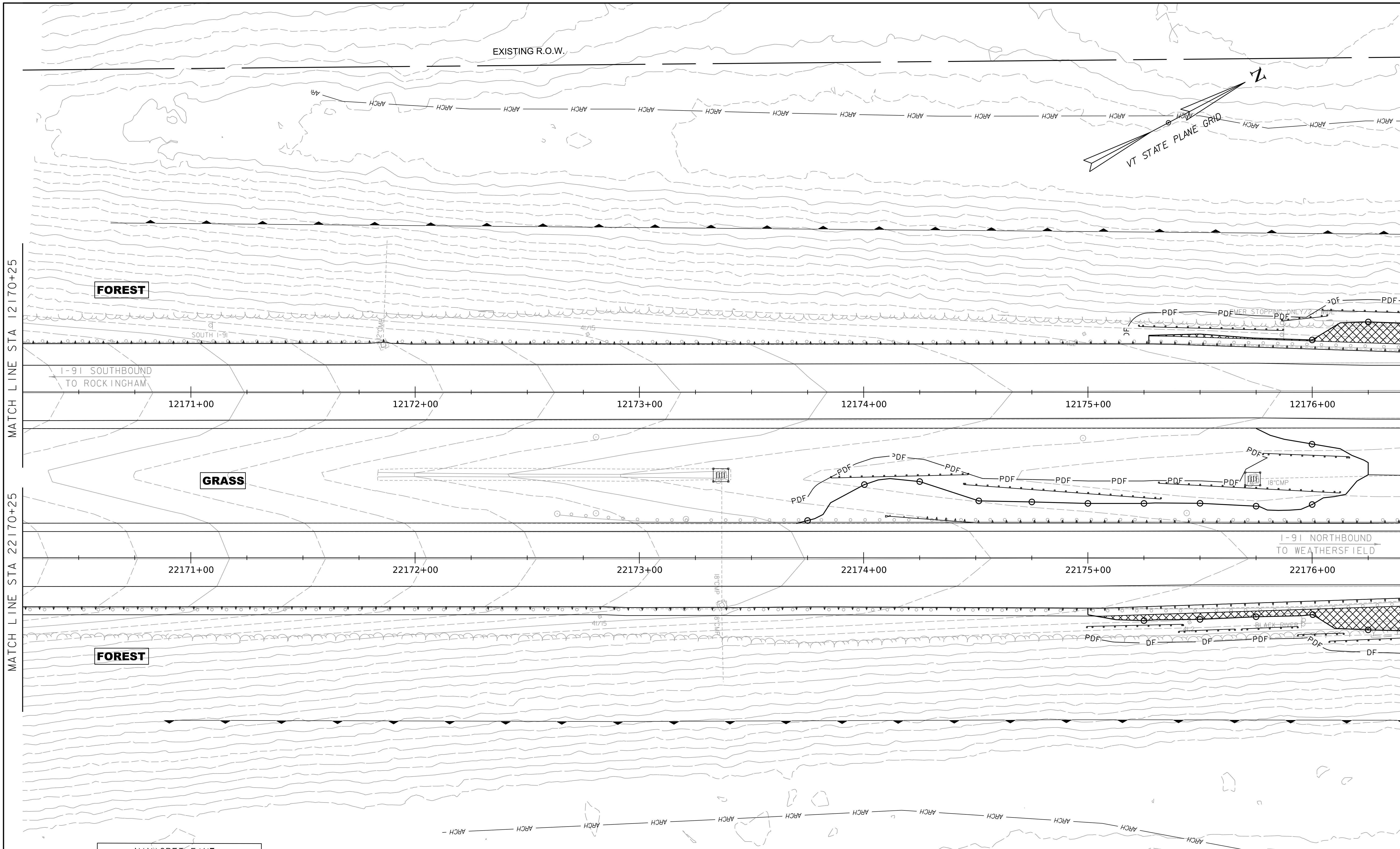


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ero.Const.I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 6 SHEET 389 OF 439

WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY



NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC CONSTRUCTION SITE PLAN SHEET

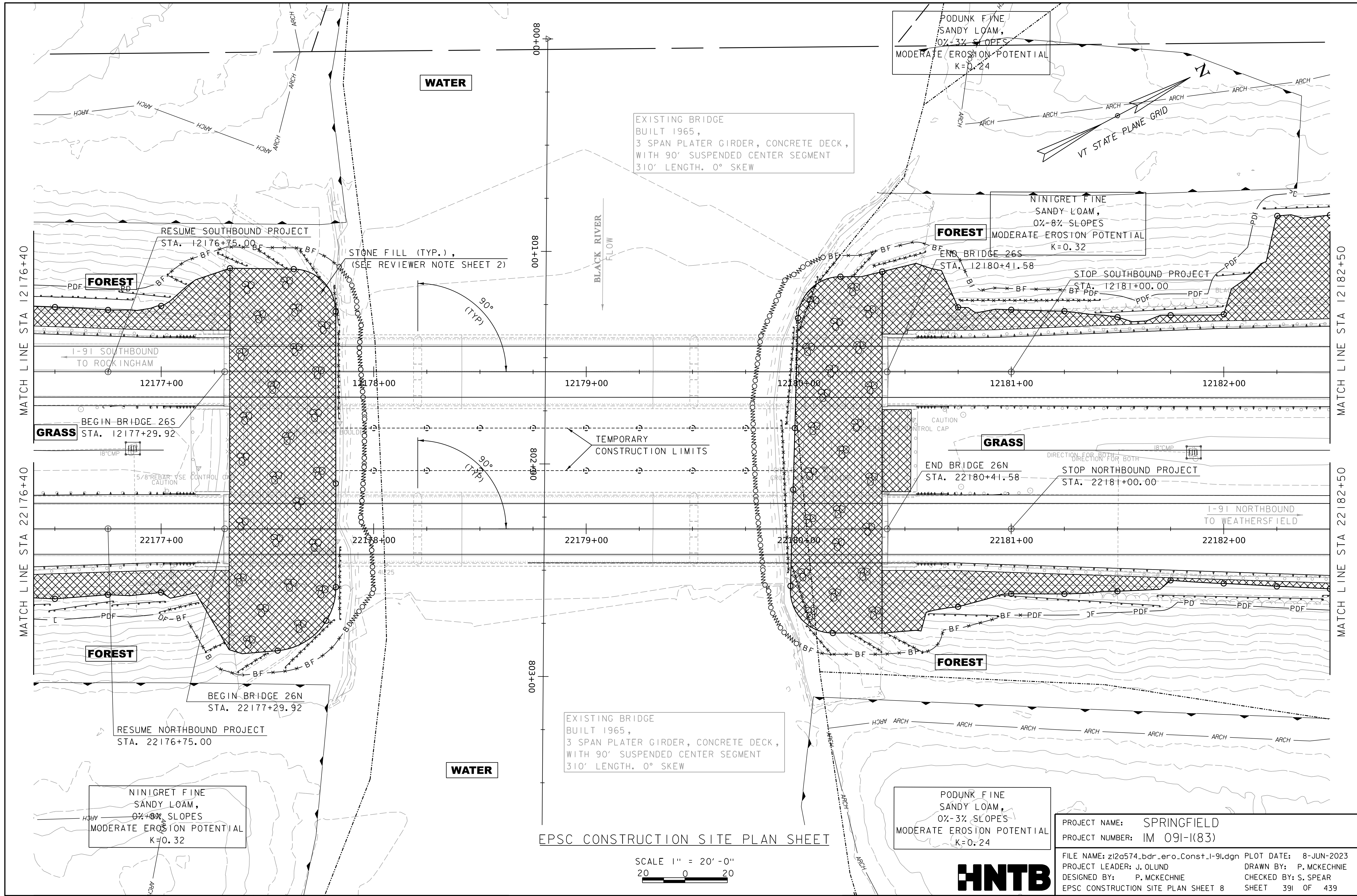
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20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ero_Const_I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 7 SHEET 390 OF 439

WORKING PLANS FOR REFERENCE ONLY



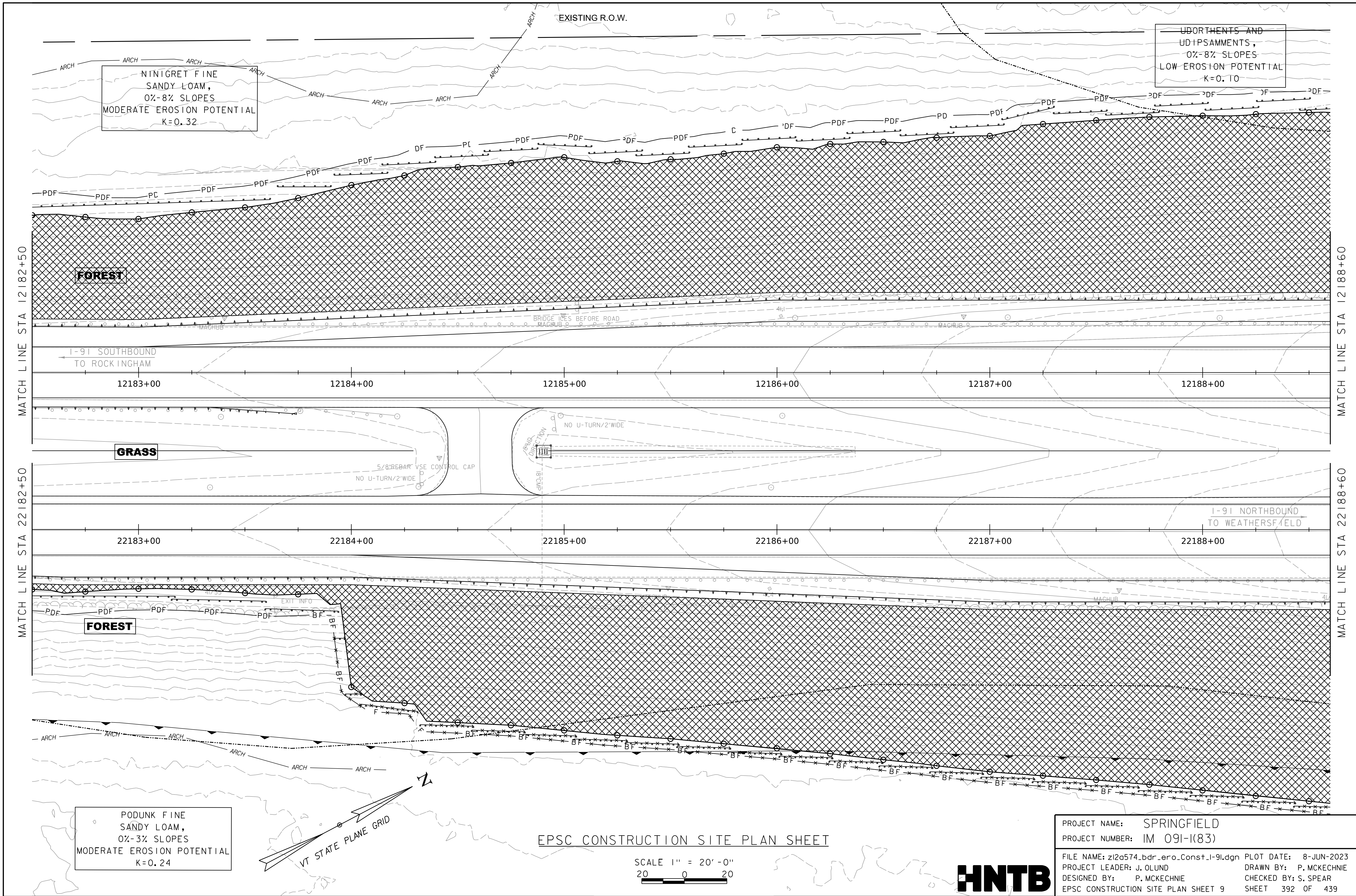
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero_Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
					EPSC CONSTRUCTION SITE PLAN SHEET 8 SHEET 391 OF 439

WORKING PLANS FOR REFERENCE ONLY



NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

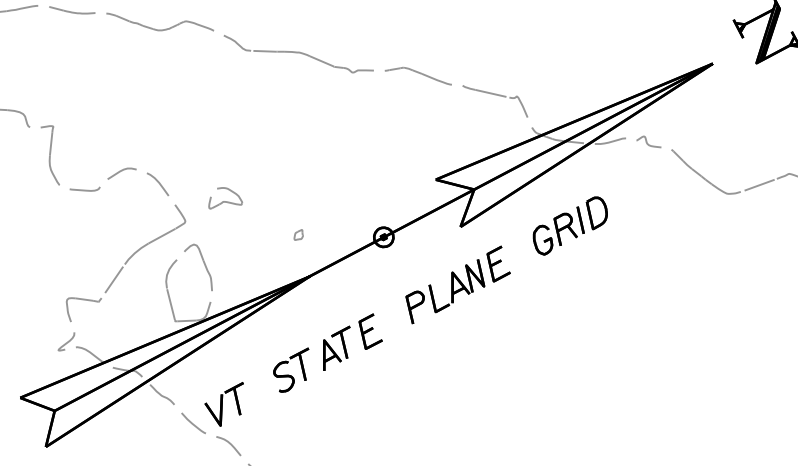
UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

FOREST

GRASS

FOREST

PODUNK FINE
SANDY LOAM,
0%-3% SLOPES
MODERATE EROSION POTENTIAL
K=0.24



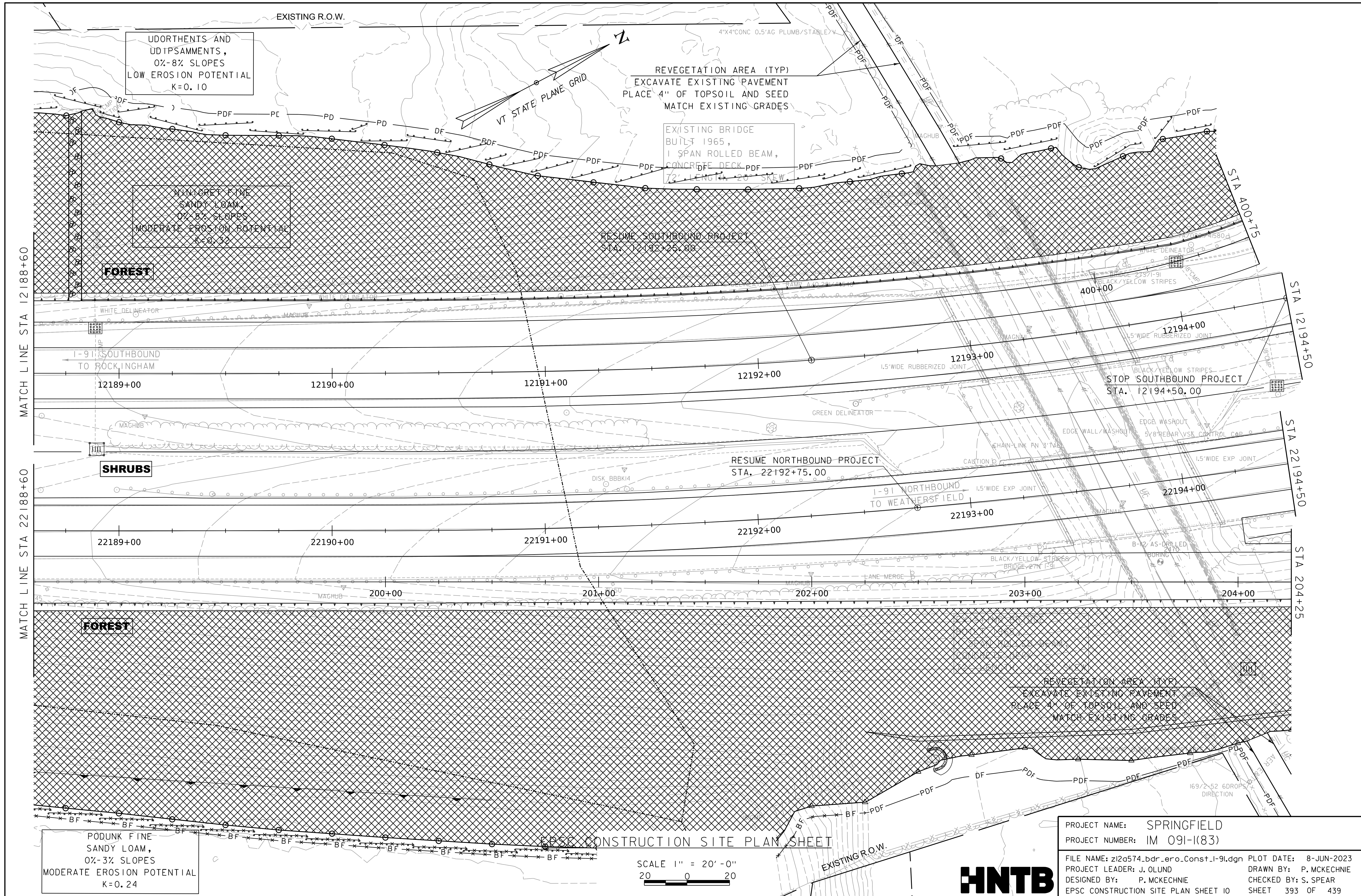
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)
FILE NAME: z12a574_bdr_ero_Const-I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 9 SHEET 392 OF 439

WORKING PLANS FOR REFERENCE ONLY



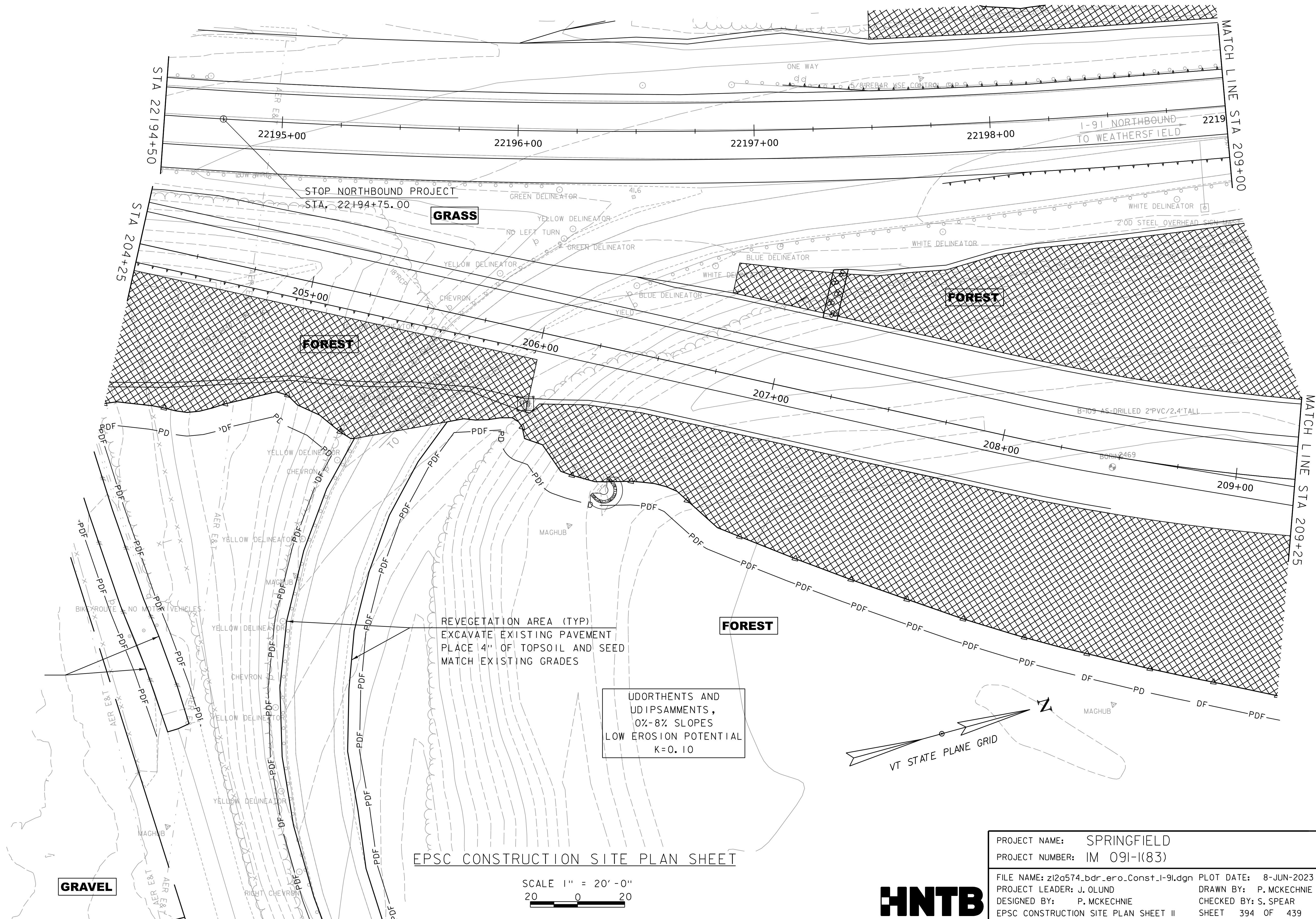
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero.Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 10		SHEET	393 OF 439

WORKING PLANS FOR REFERENCE ONLY



REVEGETATION AREA (TYP)
 EXCAVATE EXISTING PAVEMENT
 PLACE 4" OF TOPSOIL AND SEED
 MATCH EXISTING GRADES

UDORTHENTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

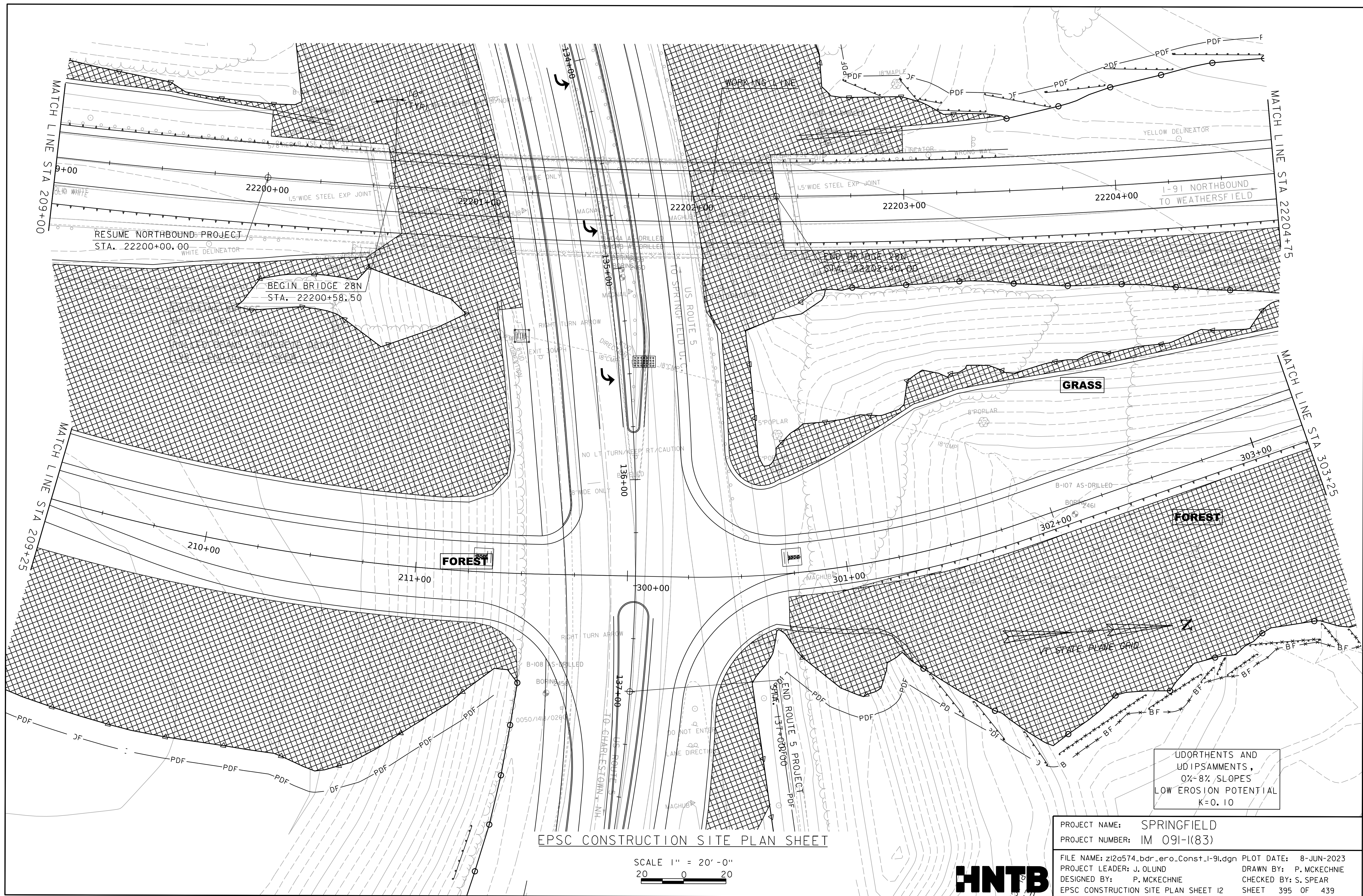
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero.Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET II		SHEET	394 OF 439

WORKING PLANS FOR REFERENCE ONLY



EPSC CONSTRUCTION SITE PLAN SHEET

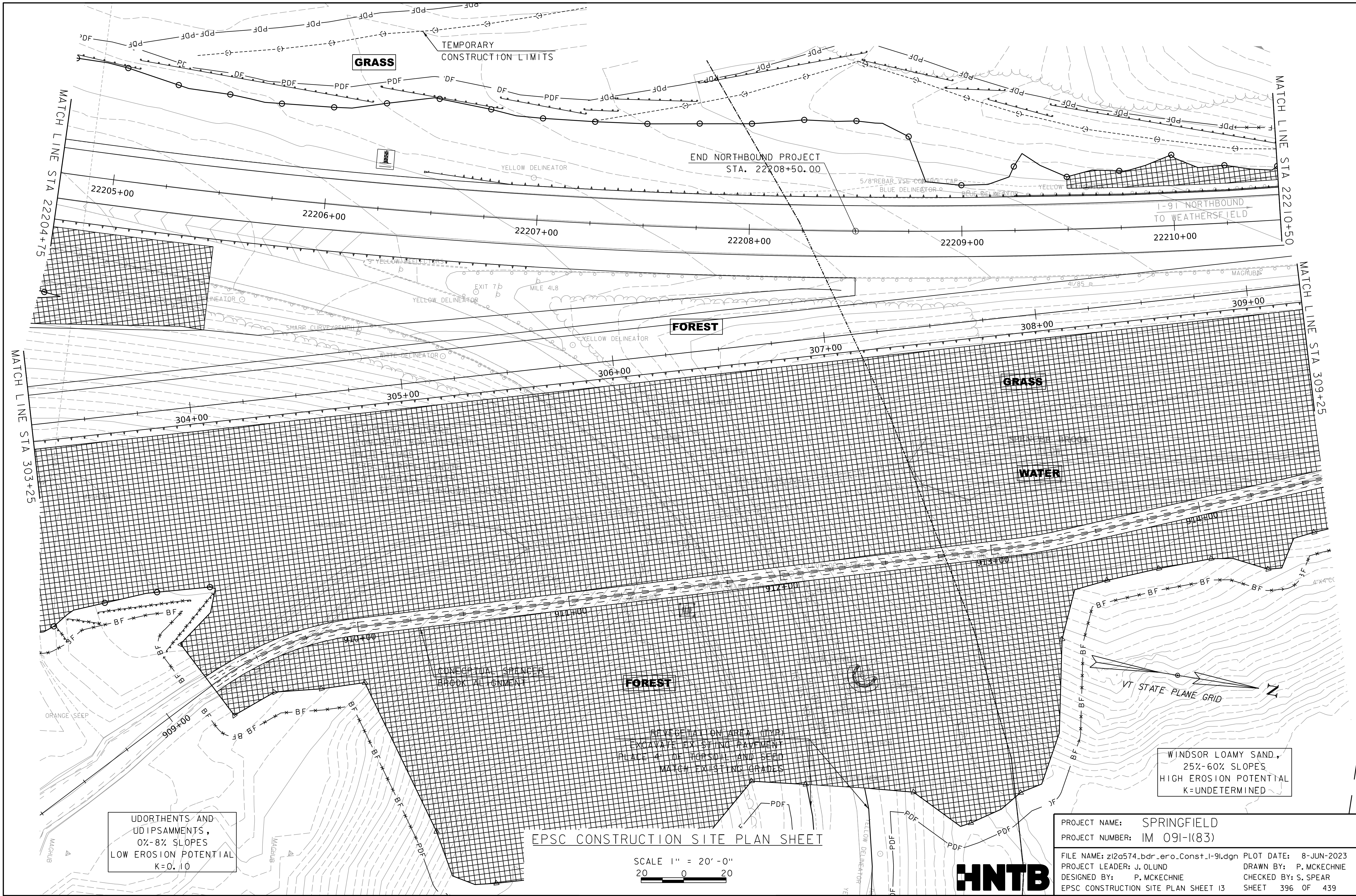
SCALE 1" = 20' -0"
20 0 20

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero.Const-I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 12		SHEET	395 OF 439



WORKING PLANS FOR REFERENCE ONLY



UDORTHERTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

EPSC CONSTRUCTION SITE PLAN SHEET

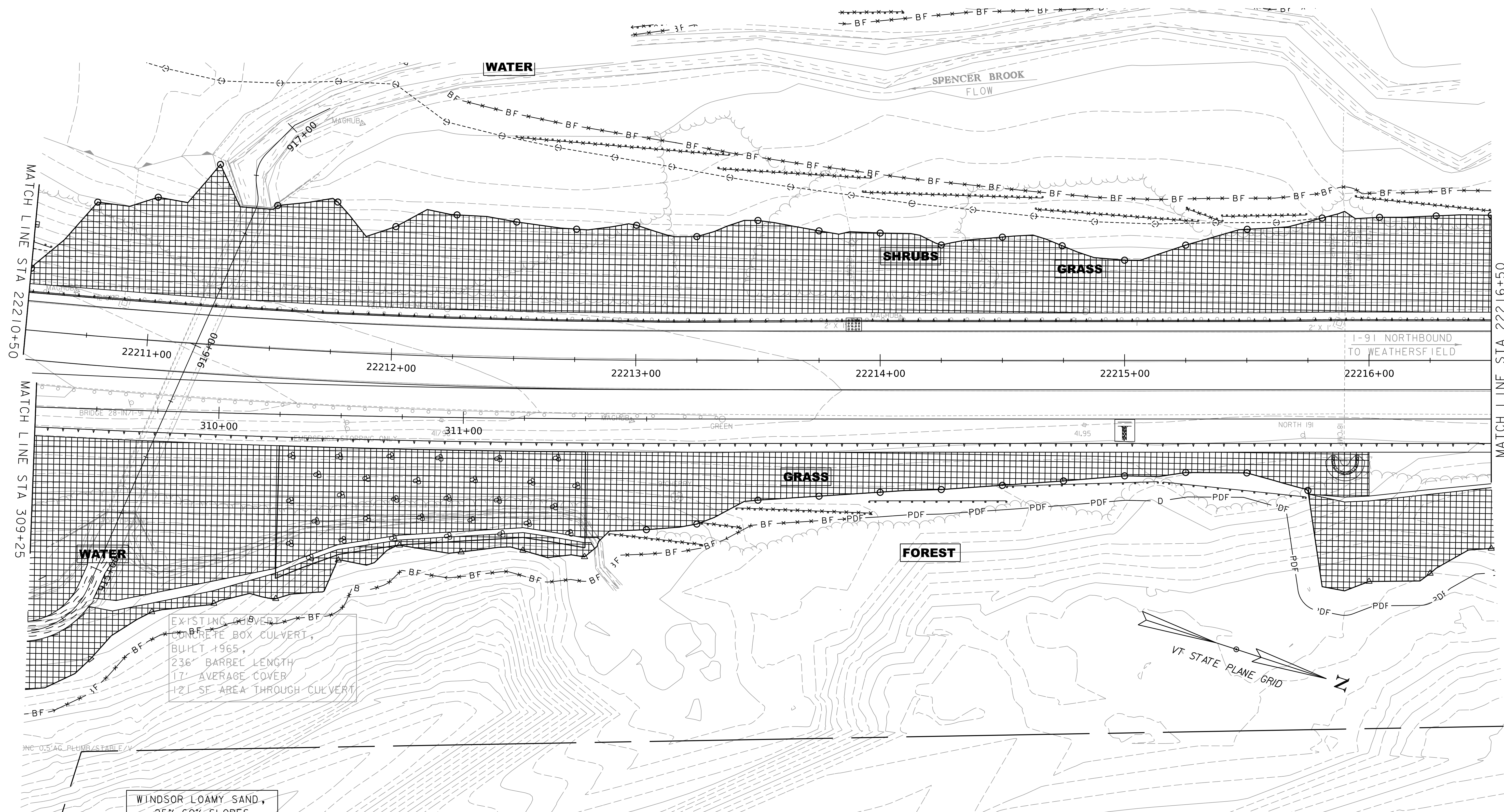
SCALE 1" = 20'-0"
20 0 20

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)
FILE NAME: z12a574_bdr_ero_Const_I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 13 SHEET 396 OF 439



WORKING PLANS FOR REFERENCE ONLY



EXISTING OVERLAP
CONCRETE BOX CULVERT,
BUILT 1965,
236' BARREL LENGTH
17' AVERAGE COVER
121 SF AREA THROUGH CULVERT

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

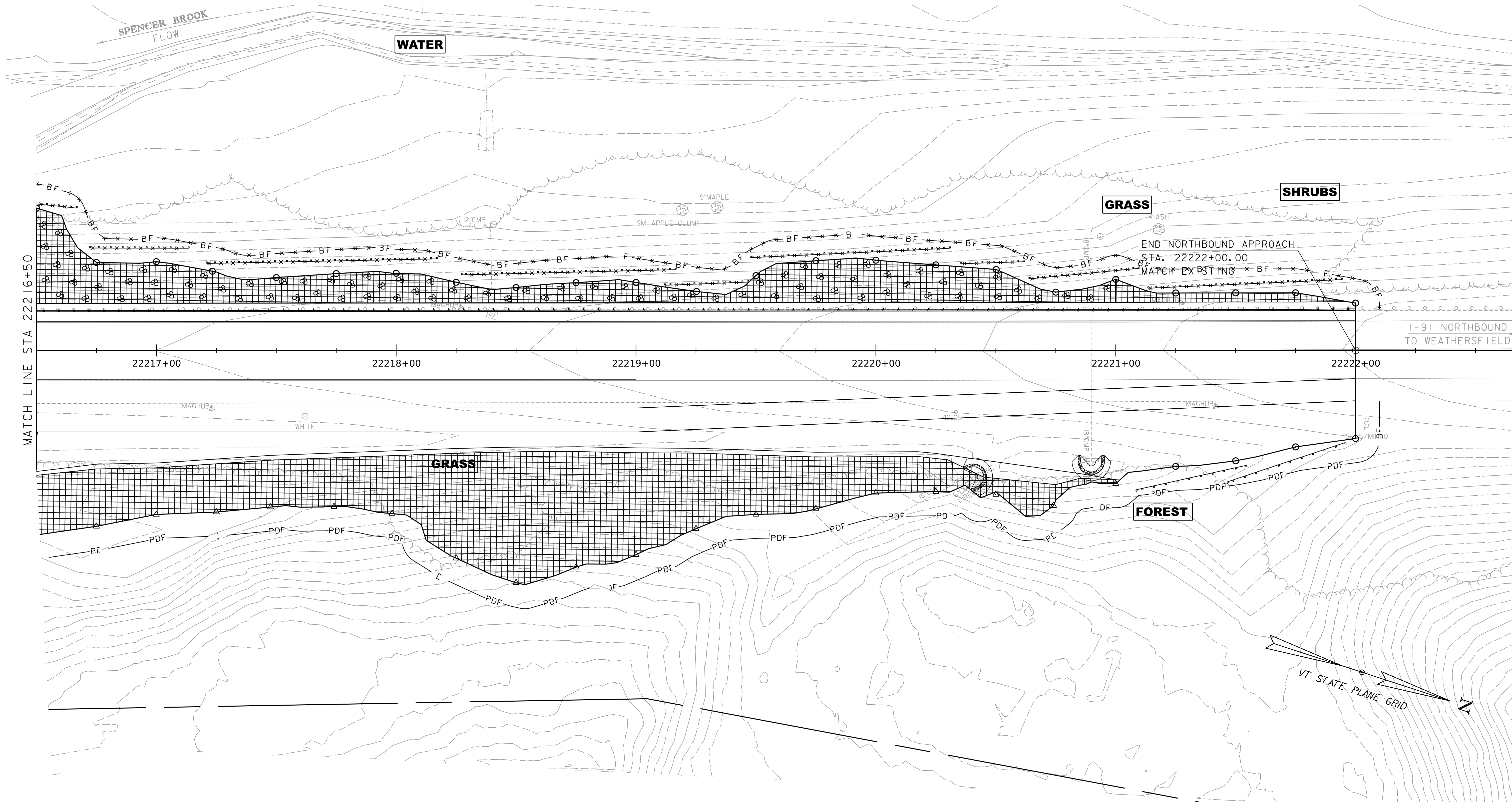
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ero.Const.1-91.dgn
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
EPSC CONSTRUCTION SITE PLAN SHEET 14	
PLOT DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
SHEET	397 OF 439

WORKING PLANS FOR REFERENCE ONLY



EPSC CONSTRUCTION SITE PLAN SHEET

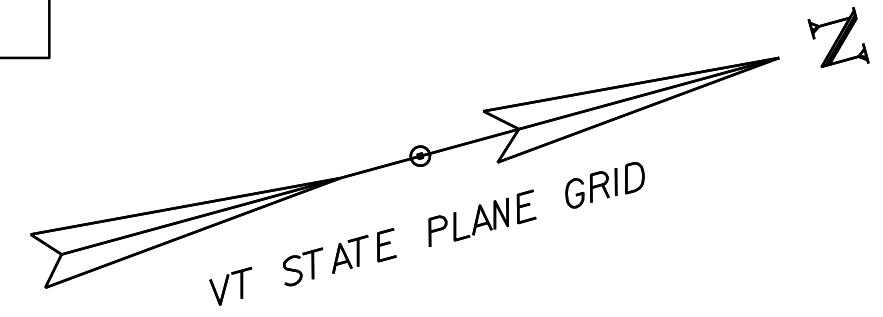
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ero.Const.I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 15 SHEET 398 OF 439

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10



REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

GRAVEL

FOREST

FOREST

GRASS

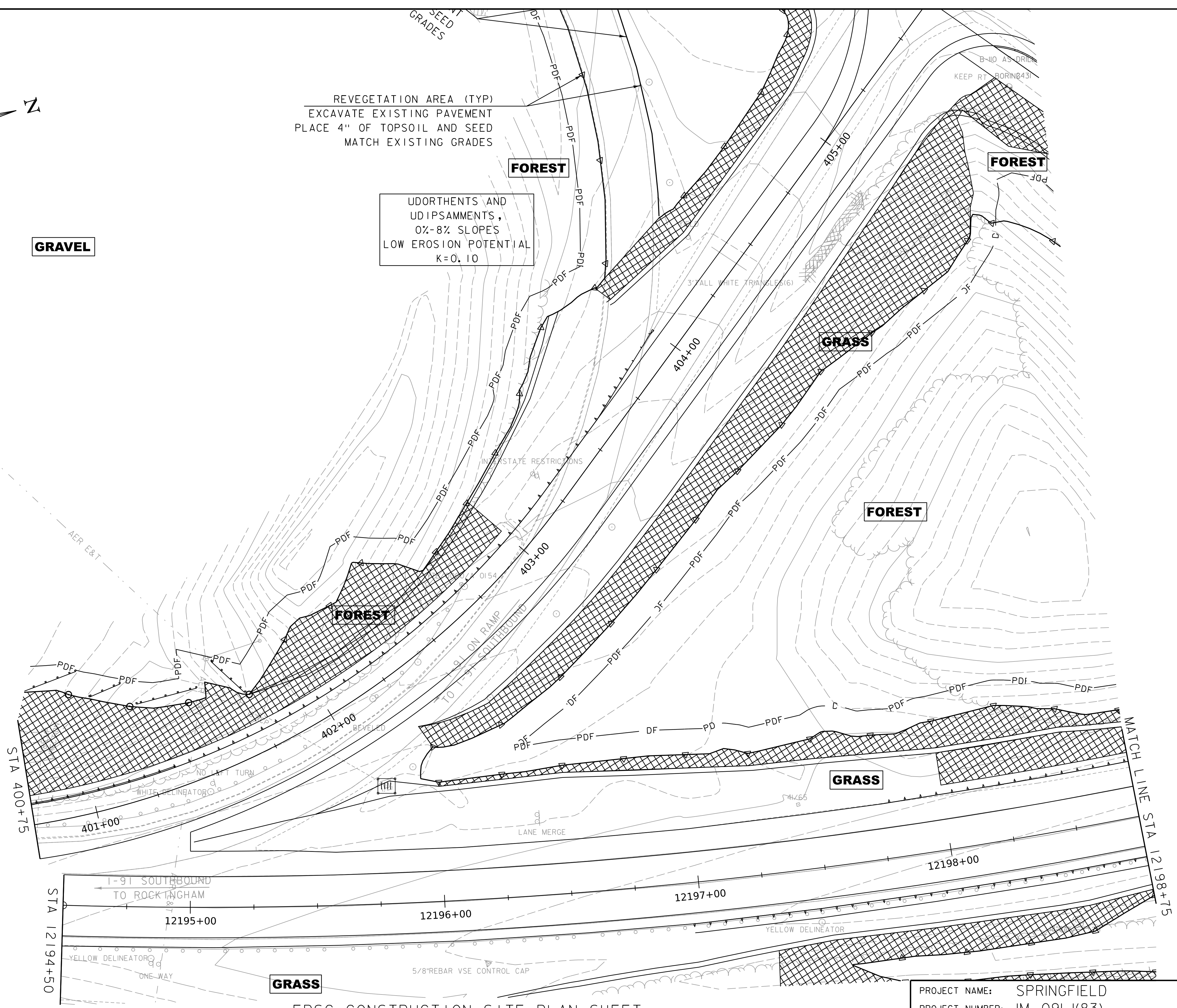
FOREST

FOREST

GRASS

GRASS

WORKING PLANS FOR REFERENCE ONLY



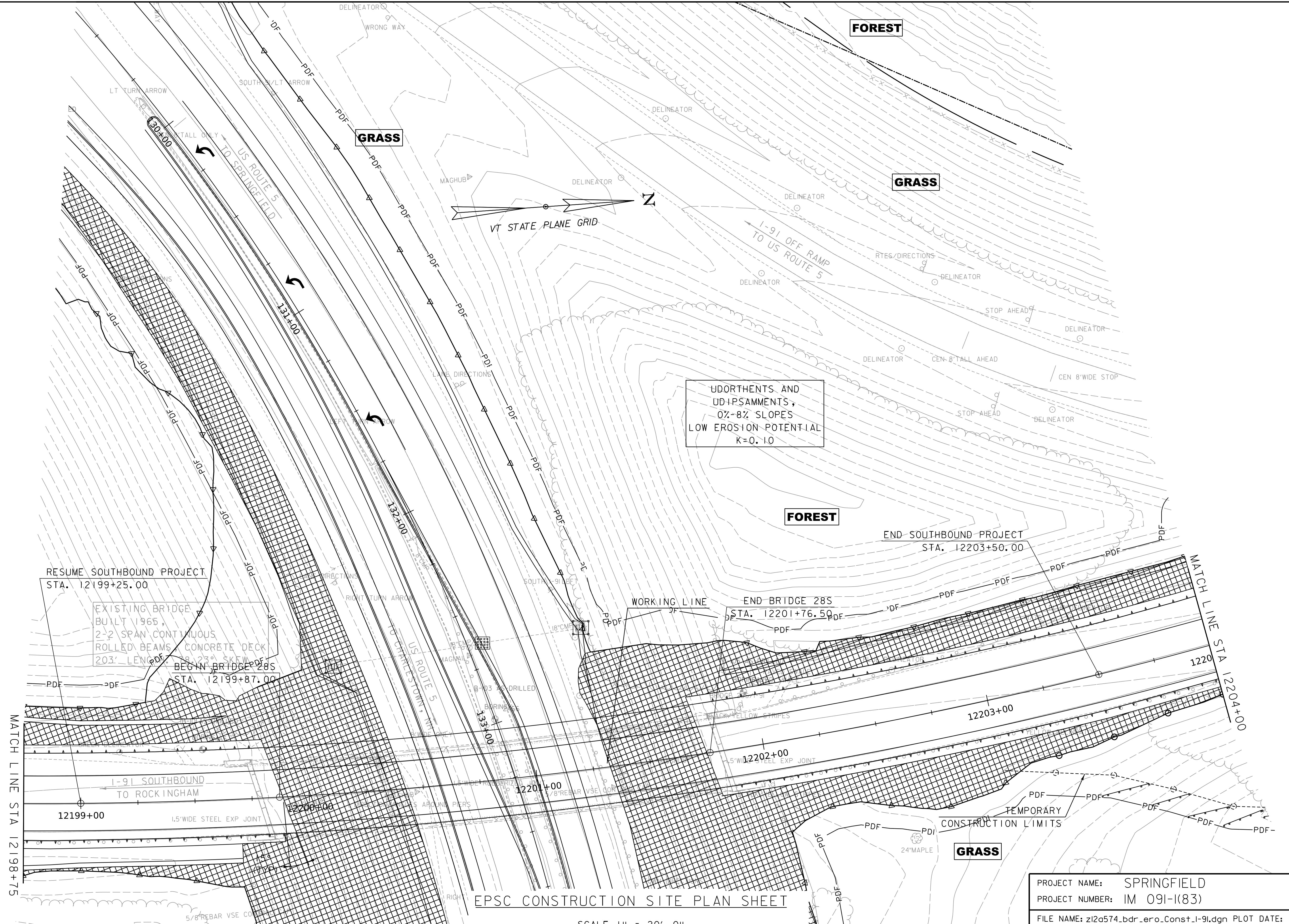
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ero_Const_I-91.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 16	SHEET 399 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORTHERTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

RESUME SOUTHBOUND PROJECT
STA. 12199+25.00

EXISTING BRIDGE
BUILT 1965,
2-2 SPAN CONTINUOUS,
ROLLED BEAMS, CONCRETE DECK,
203' LENGTH

BEGIN BRIDGE 28S
STA. 12199+87.00

END BRIDGE 28S
STA. 12201+76.50

END SOUTHBOUND PROJECT
STA. 12203+50.00

EPSC CONSTRUCTION SITE PLAN SHEET

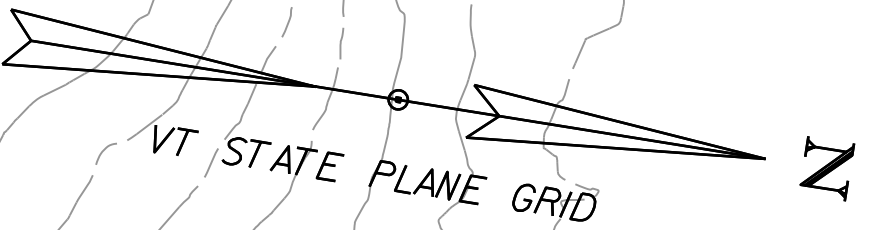
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero_Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 17		SHEET	400 OF 439

WORKING PLANS FOR REFERENCE ONLY

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



FOREST

GRASS

I-91 OFF-RAMP
TO US ROUTE 5

MATCH LINE STA 12204+00

MATCH LINE STA 12209+50

DELINATOR

RAMP 40MPH/WRONG WAY
WHITE DELINEATOR

WHITE DELINEATOR

PDF PDF JF PDF BEVELED PDF PDF
MAGNAIL 12" CURB EXIT 9
BRDG FREEZE BEFORE RD 9 YELLOW REFLECTORS

WHITE DELINEATOR

RAMP B70:243 PIT.828

12207+00

12208+00

12209+00

I-91 SOUTHBOUND
TO ROCKINGHAM

12205+00

12206+00

FOREST

UDORTMENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

GRASS

TEMPORARY
CONSTRUCTION LIMITS

WRONG WAY

YELLOW DELINEATOR

SHRUBS

SHRUBS

MAGNAILS

EPSC CONSTRUCTION SITE PLAN SHEET

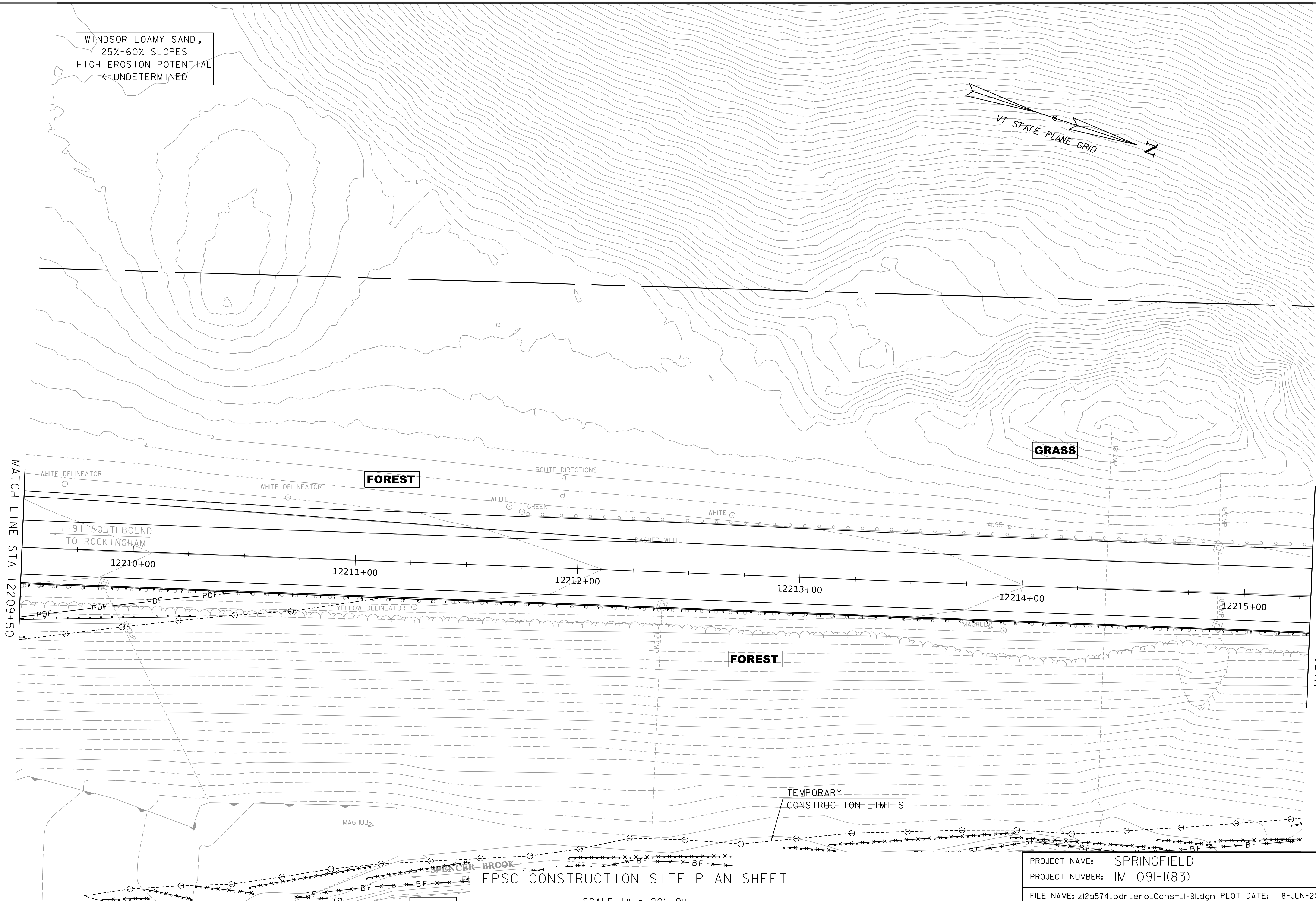
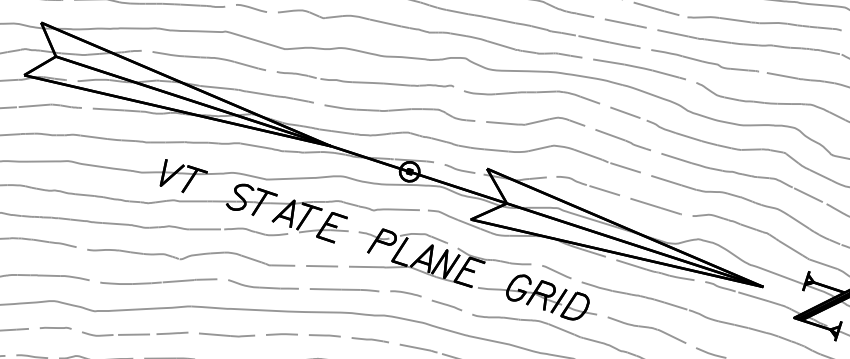
SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ero_Const_I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 18 SHEET 401 OF 439

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



WORKING PLANS FOR REFERENCE ONLY

MATCH LINE STA 12209+50

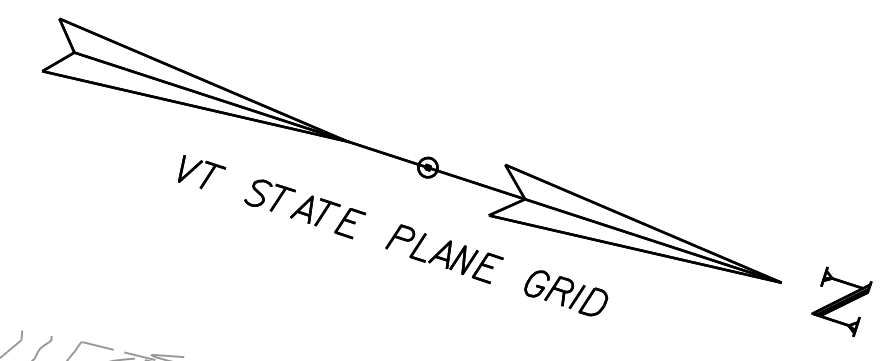
MATCH LINE STA 12215+30

EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ero_Const_I-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 19		SHEET	402 OF 439





FOREST

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

END SOUTHBOUND APPROACH
STA. 12217+00.00
MATCH EXISTING

GRASS

MATCH LINE STA 12215+30

I-91 SOUTHBOUND
TO ROCKINGHAM

12216+00

12217+00

12218+00

12219+00

12220+00

12221+00

FOREST

TEMPORARY
CONSTRUCTION LIMITS

BF x x x x BF x x x x BF x x x x BF x x x x BF x x x x BF x x x x

EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ero_Const_I-91.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 20 SHEET 403 OF 439

WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY

GLOVER-VERSHIRE
COMPLEX,
35%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDEF INED

FOREST

PAVEMENT

GRASS

BEGIN ROUTE 5 NB APPROACH
STA. 120+00.00
MATCH EXISTING

MATCH LINE STA 121+50

US ROUTE 5
TO SPRINGFIELD

US ROUTE 5
TO CHARLESTOWN, NH

116+00

117+00

118+00

119+00

121+00

2002+00

2001+00

1998+00

1999+00

GRASS

GRASS

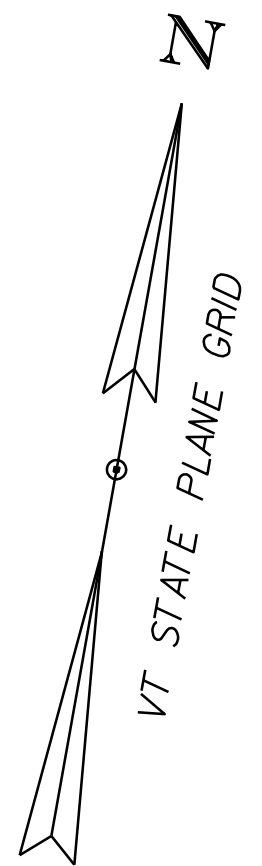
PAVEMENT

GRASS

REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

PAVEMENT

EPSC CONSTRUCTION SITE PLAN SHEET



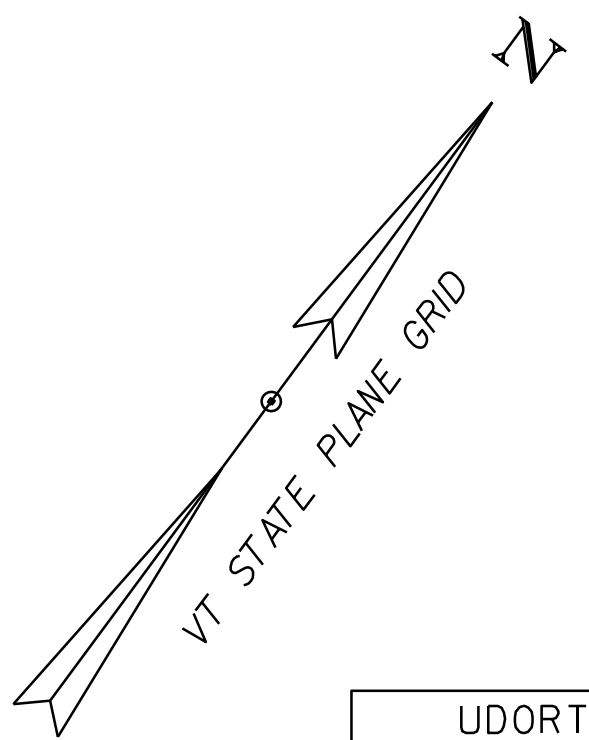
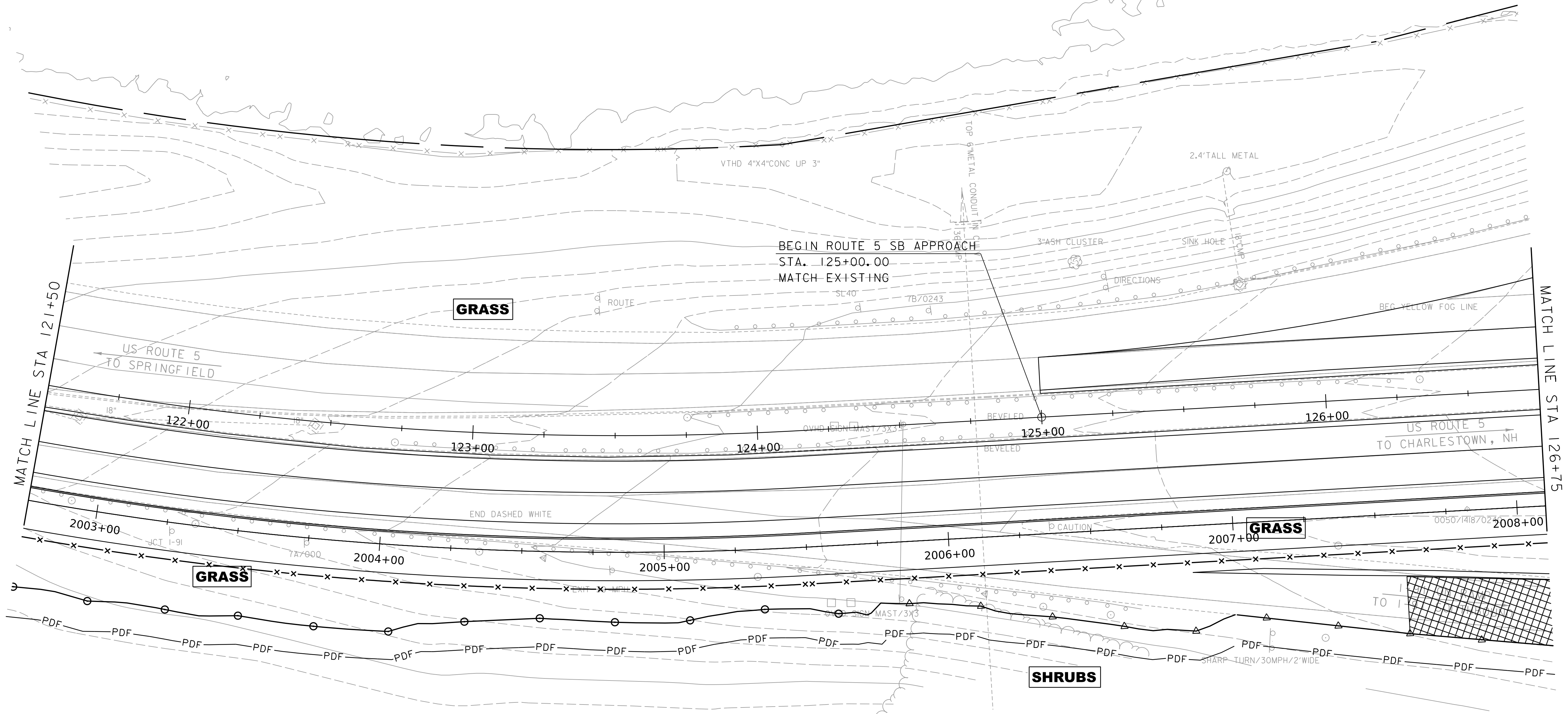
UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)
FILE NAME: _bdr_ero_Const_charlestown.dg PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC CONSTRUCTION SITE PLAN SHEET 21 SHEET 404 OF 439



WORKING PLANS FOR REFERENCE ONLY



UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

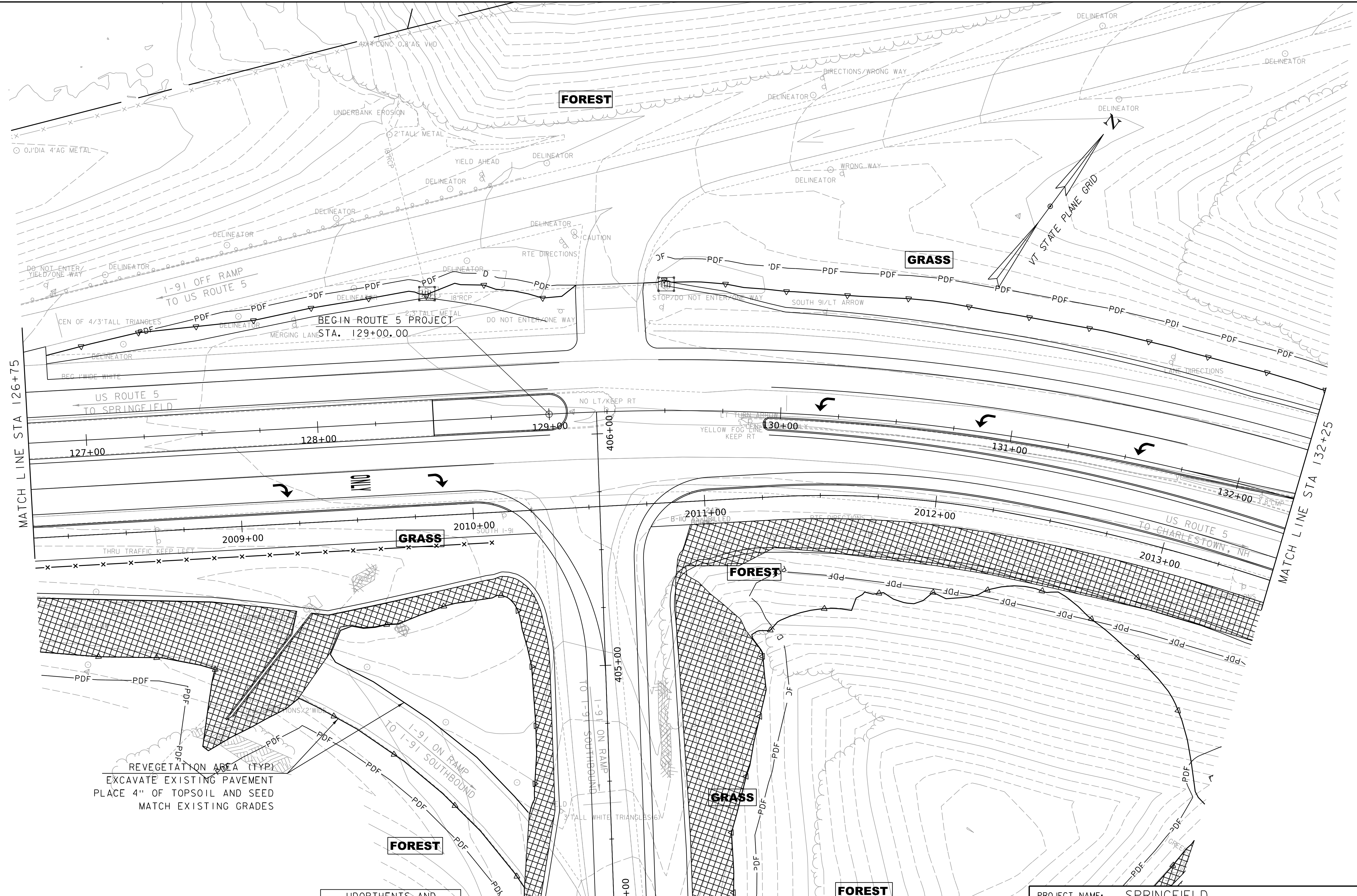
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-I(83)
FILE NAME:	_bdr_ero_Const_charlestown.dg
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
EPSC CONSTRUCTION SITE PLAN SHEET	22
DATE:	8-JUN-2023
DRAWN BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
SHEET	405 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORNTENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

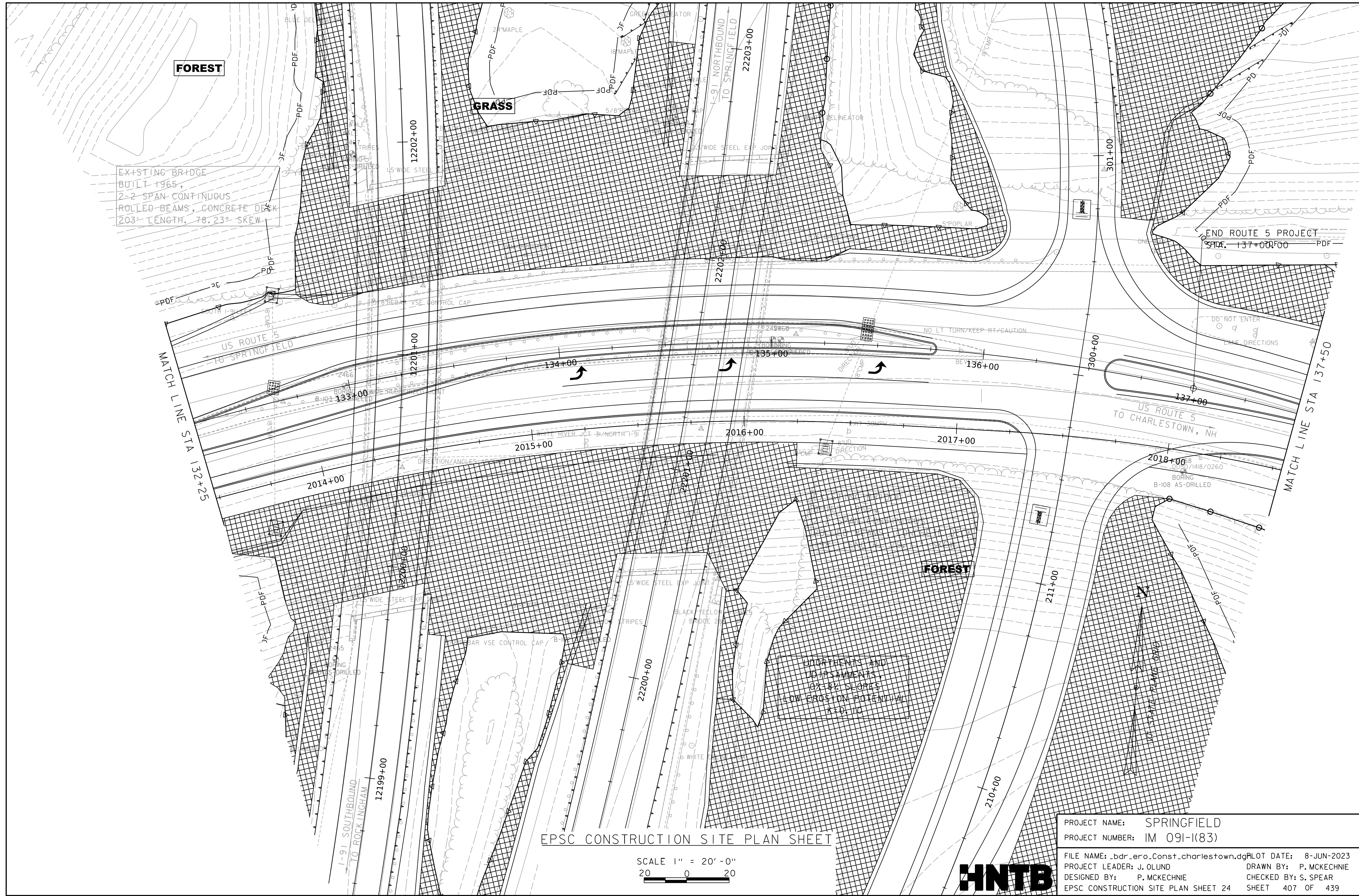
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: IM 091-I(83)
 FILE NAME: bdr_ero_Const_charlestown.dg PLOT DATE: 8-JUN-2023
 PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
 DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
 EPSC CONSTRUCTION SITE PLAN SHEET 23 SHEET 406 OF 439

WORKING PLANS FOR REFERENCE ONLY



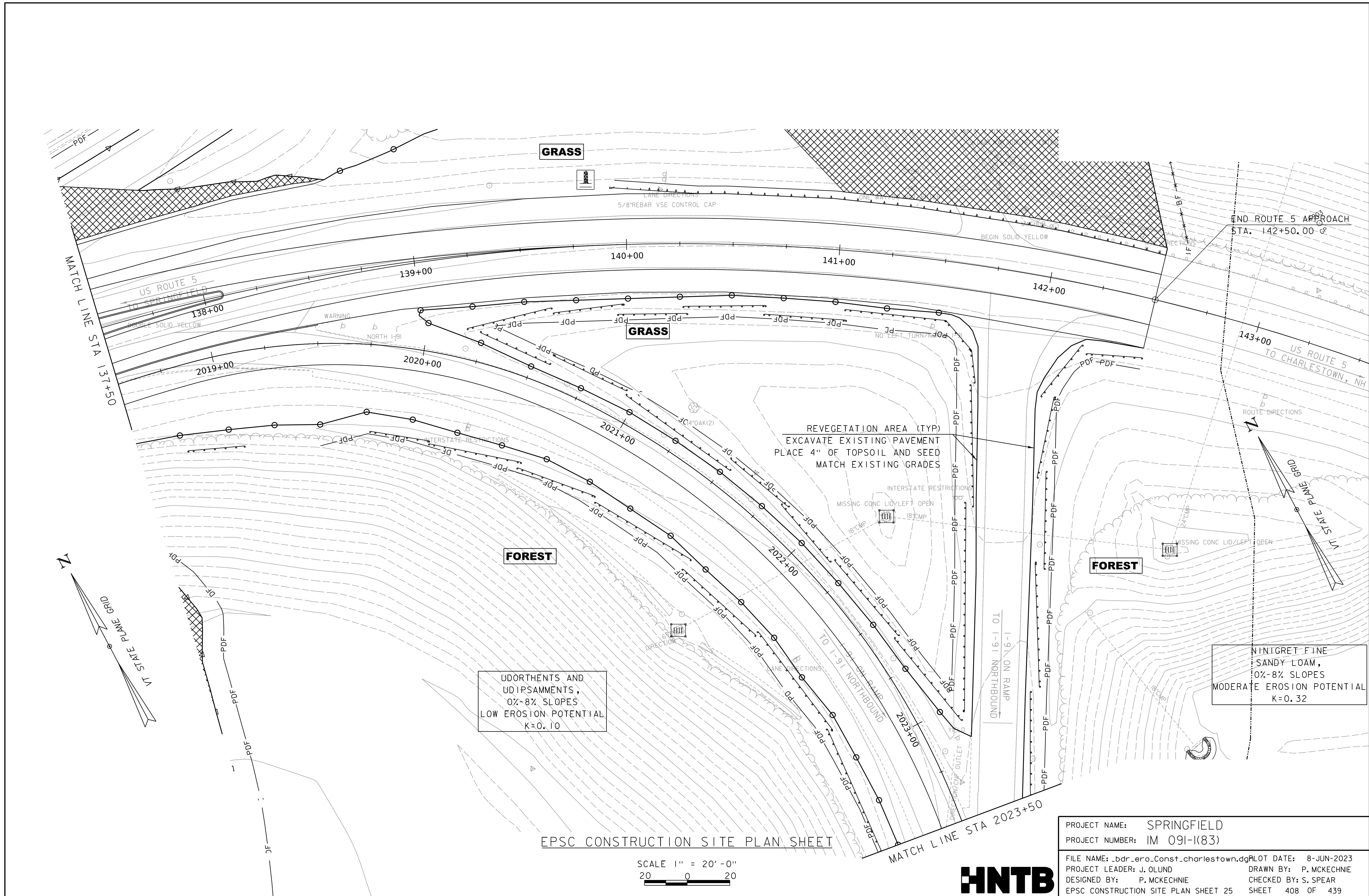
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20' - 0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	bdr_ero_Const_charlestown.dg	DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNE
		DESIGNED BY:	P. MCKECHNE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 24		SHEET	407 OF 439

WORKING PLANS FOR REFERENCE ONLY



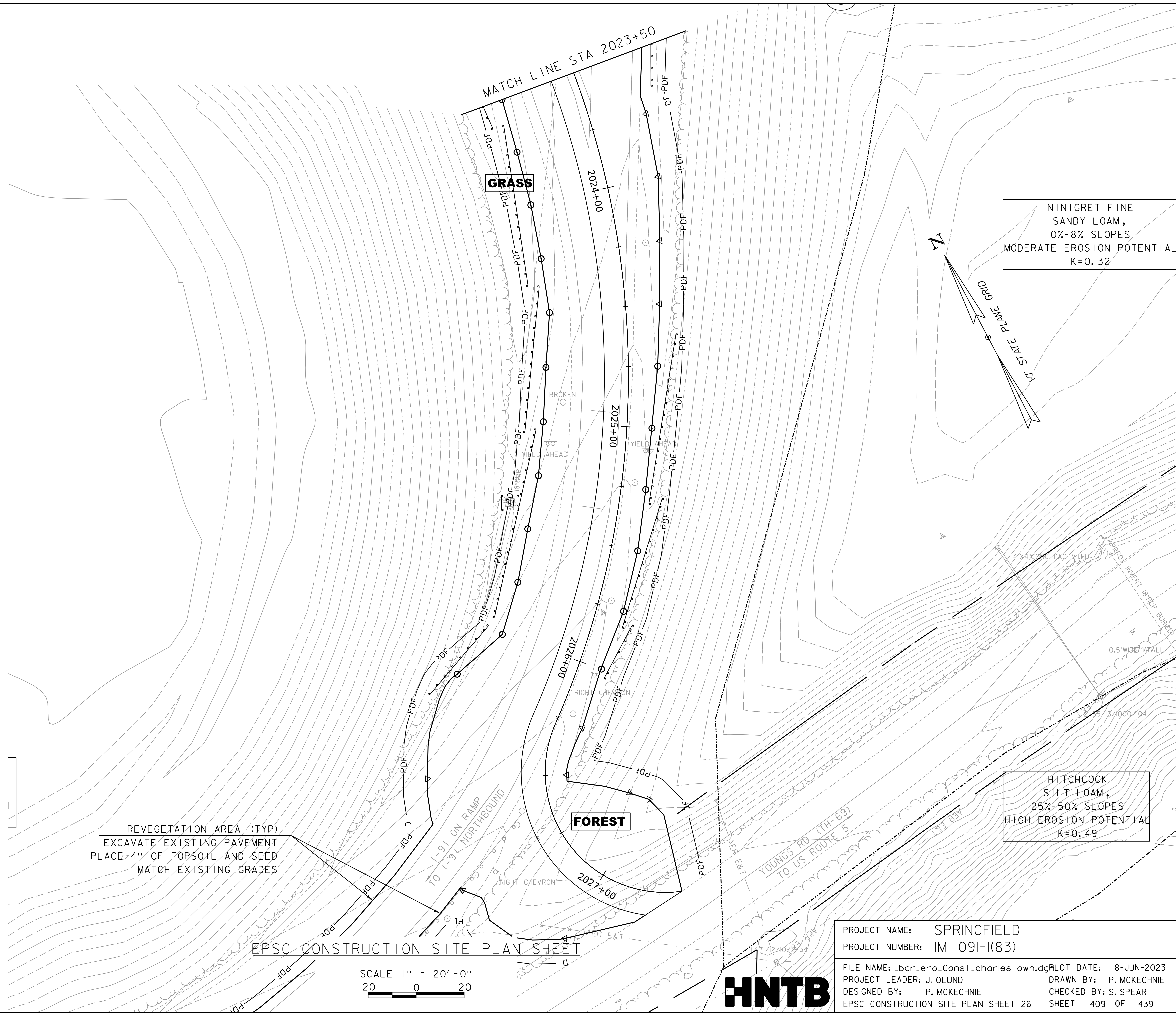
EPSC CONSTRUCTION SITE PLAN SHEET

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	_bdr_ero_Const_charlestown.dg	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	P. MCKECHNIE
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC CONSTRUCTION SITE PLAN SHEET 25		SHEET	408 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

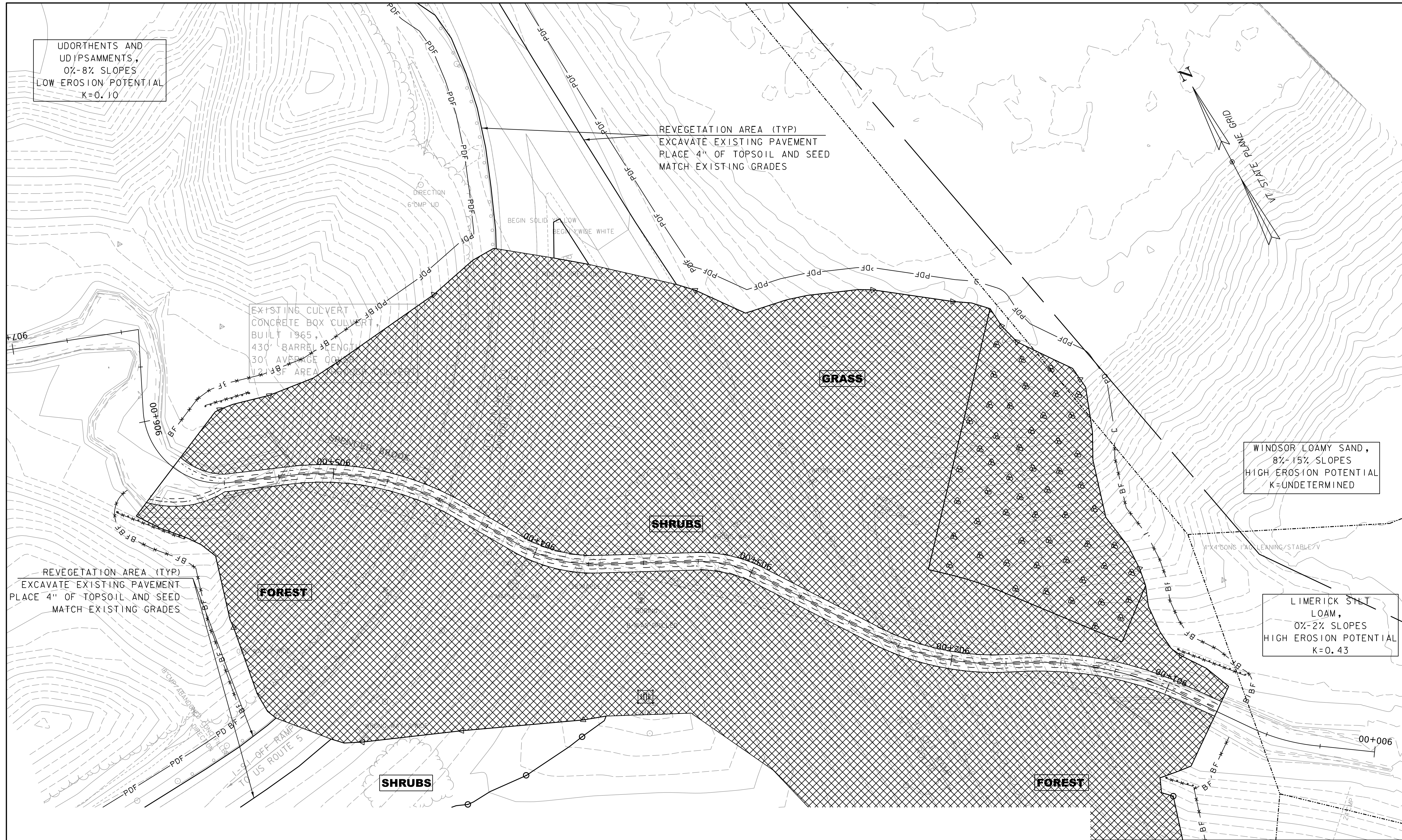
EXISTING CULVERT
CONCRETE BOX CULVERT
BUILT 1965,
430' BARREL LENGTH
30' AVERAGE WIDTH
12,138' AREA

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

LIMERICK SILT
LOAM,
0%-2% SLOPES
HIGH EROSION POTENTIAL
K=0.43

REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

WORKING PLANS FOR REFERENCE ONLY



EPSC CONSTRUCTION SITE PLAN SHEET

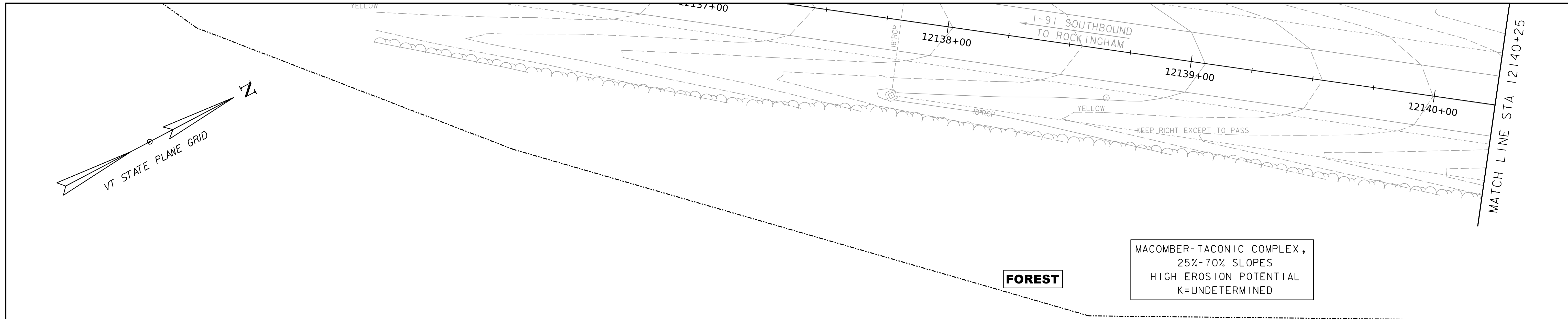
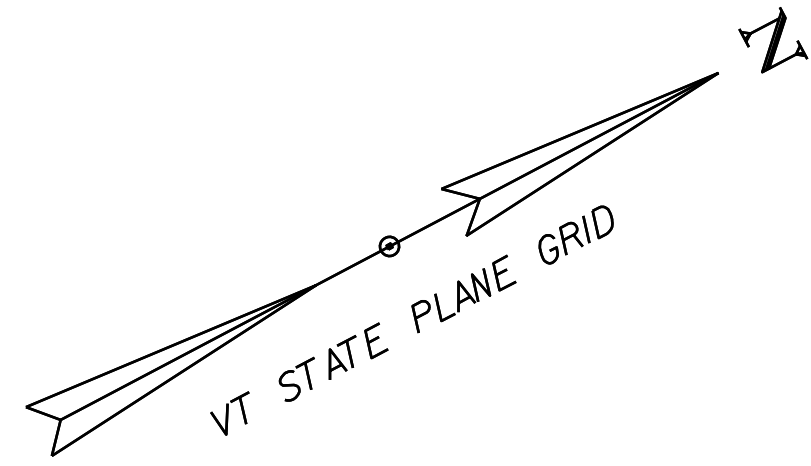
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	_bdr_ero_Const_charlestown.dg
PROJECT LEADER:	J. OLUND
DESIGNED BY:	P. MCKECHNIE
EPSC CONSTRUCTION SITE PLAN SHEET 27	SHEET 410 OF 439

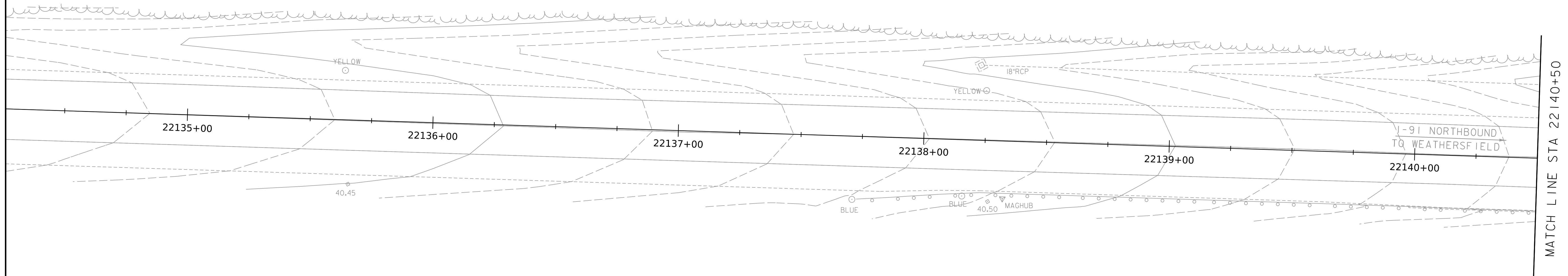
PLOT DATE: 8-JUN-2023
DRAWN BY: P. MCKECHNIE
CHECKED BY: S. SPEAR

WORKING PLANS FOR REFERENCE ONLY



FOREST

MACOMBER-TACONIC COMPLEX,
 25%-70% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED



FOREST

DUMMERSTON-MACOMBER
 COMPLEX,
 15%-25% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

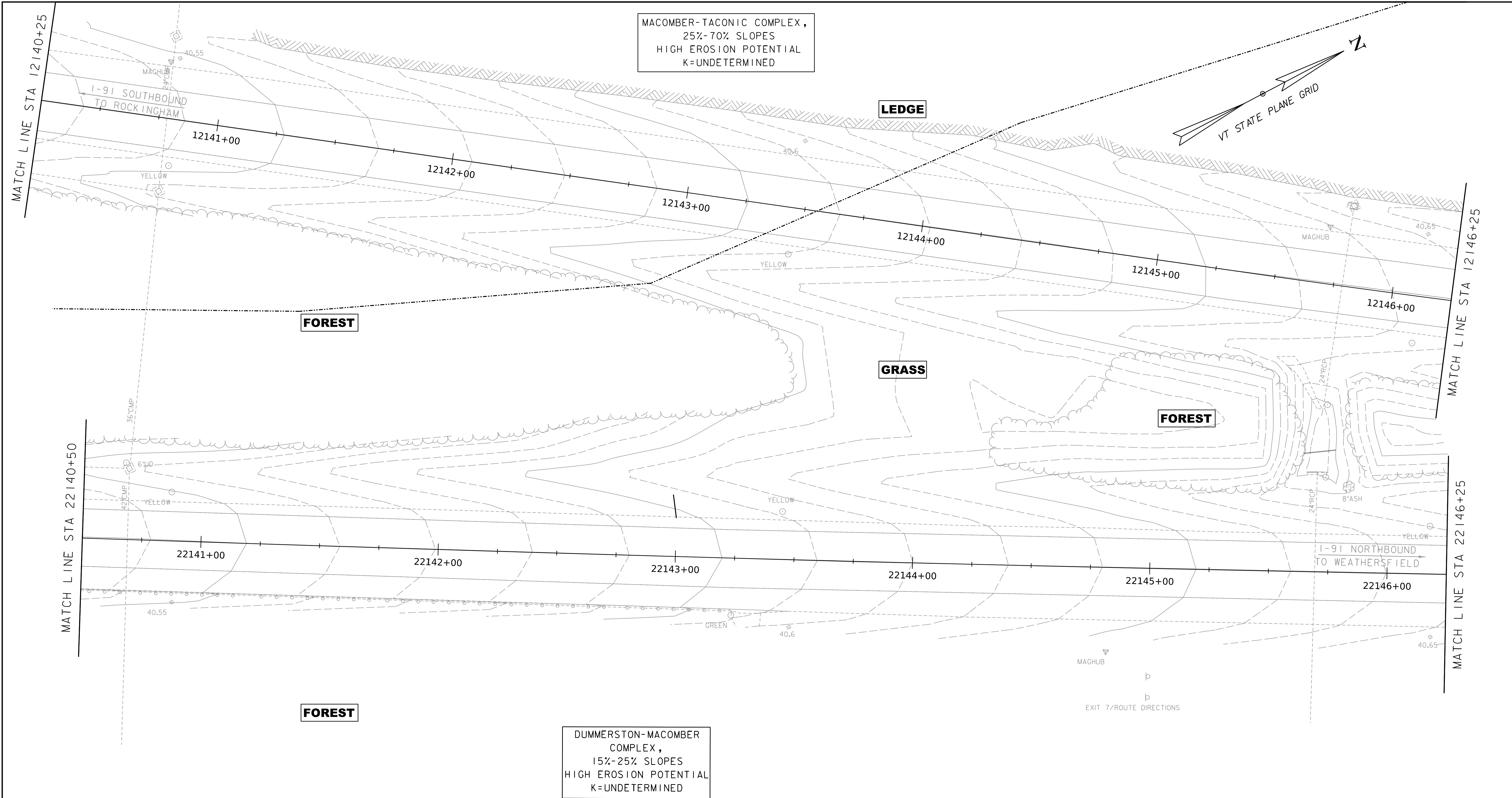
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20' - 0"
 20 0 20

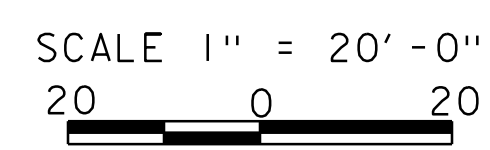


PROJECT NAME: SPRINGFIELD	PLOT DATE: 8-JUN-2023
PROJECT NUMBER: IM 091-1(83)	DRAWN BY: C. TOBIN
FILE NAME: z12a574_bdr_ex.1-91.dgn	CHECKED BY: S. SPEAR
PROJECT LEADER: J. OLUND	SHEET 411 OF 439
DESIGNED BY: P. MCKECHNIE	
EPSC FINAL CONDITION SITE PLAN SHEET 1	

WORKING PLANS FOR REFERENCE ONLY

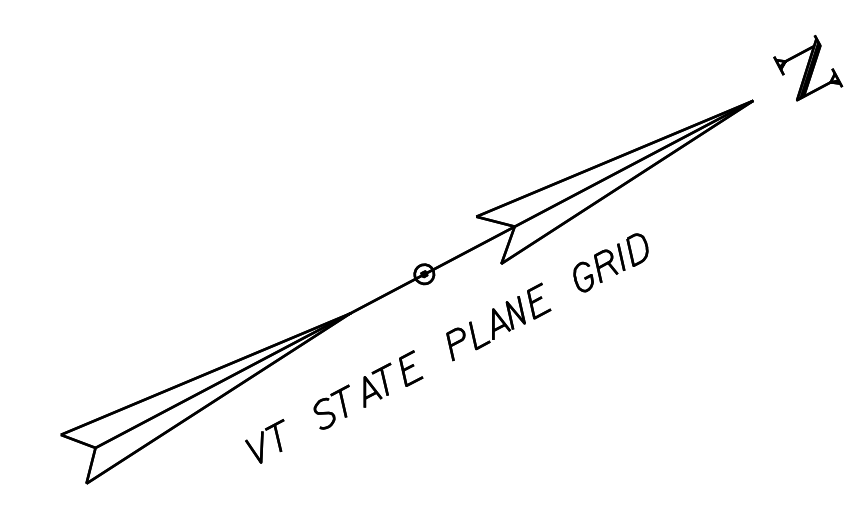


EPSC FINAL CONDITION SITE PLAN

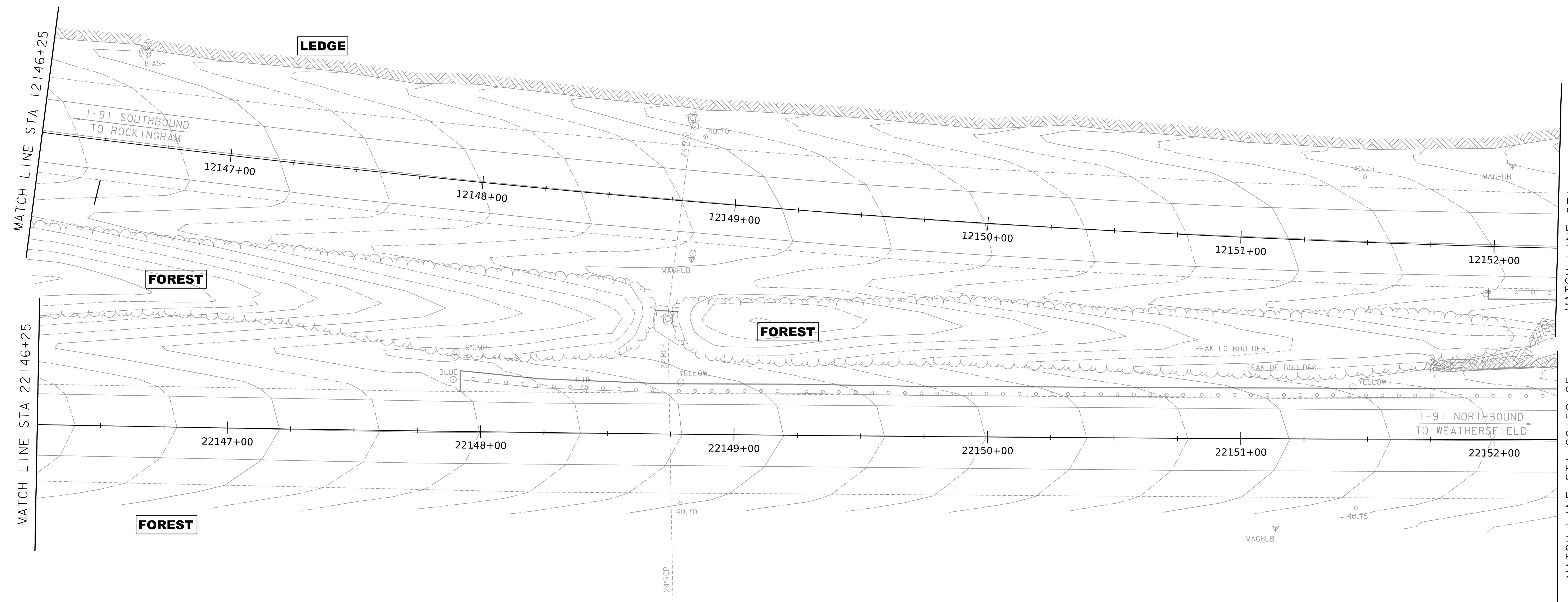


PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex.1-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC FINAL CONDITION SITE PLAN SHEET 2		SHEET 412 OF 439	

7



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

WORKING PLANS FOR REFERENCE ONLY

GRASS

EPSC FINAL CONDITION SITE PLAN

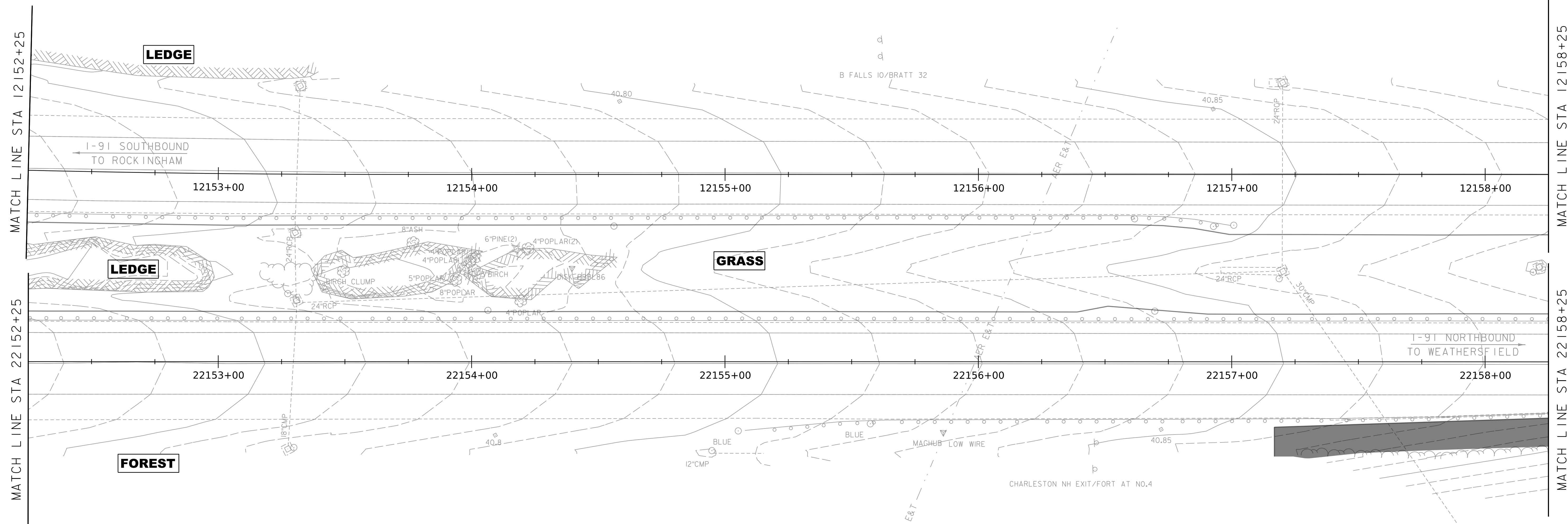
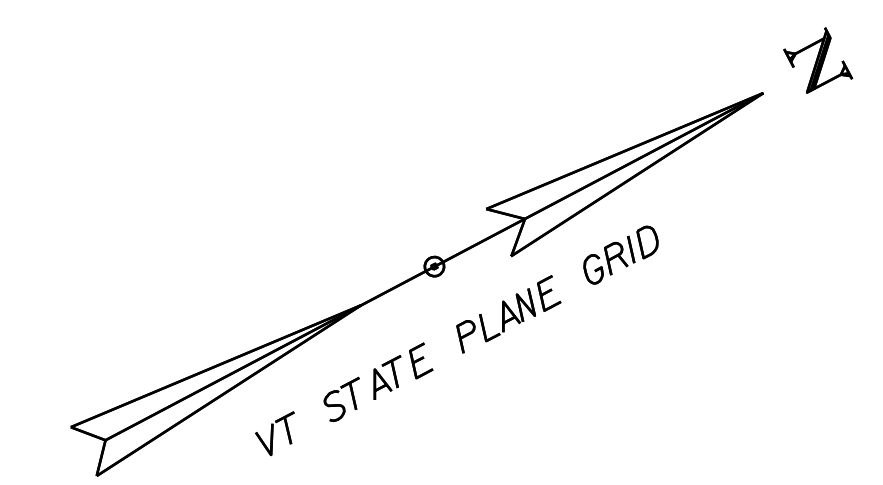
SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex-1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 3		SHEET 413 OF 439	

WORKING PLANS FOR REFERENCE ONLY

MACOMBER-TACONIC
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

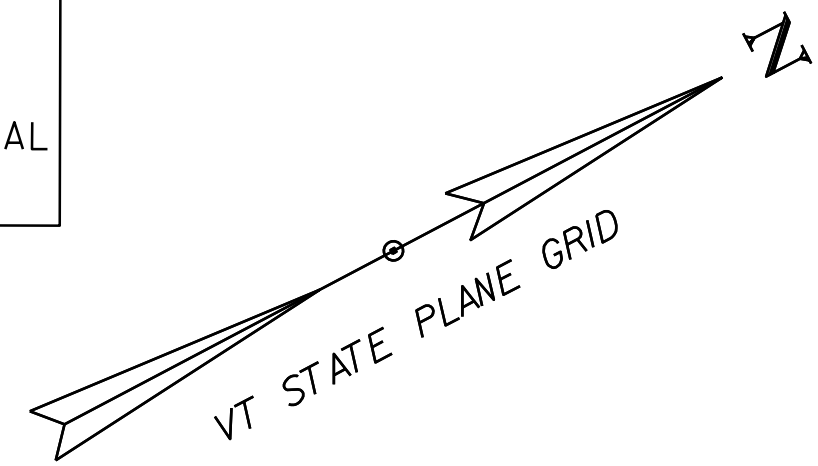
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20

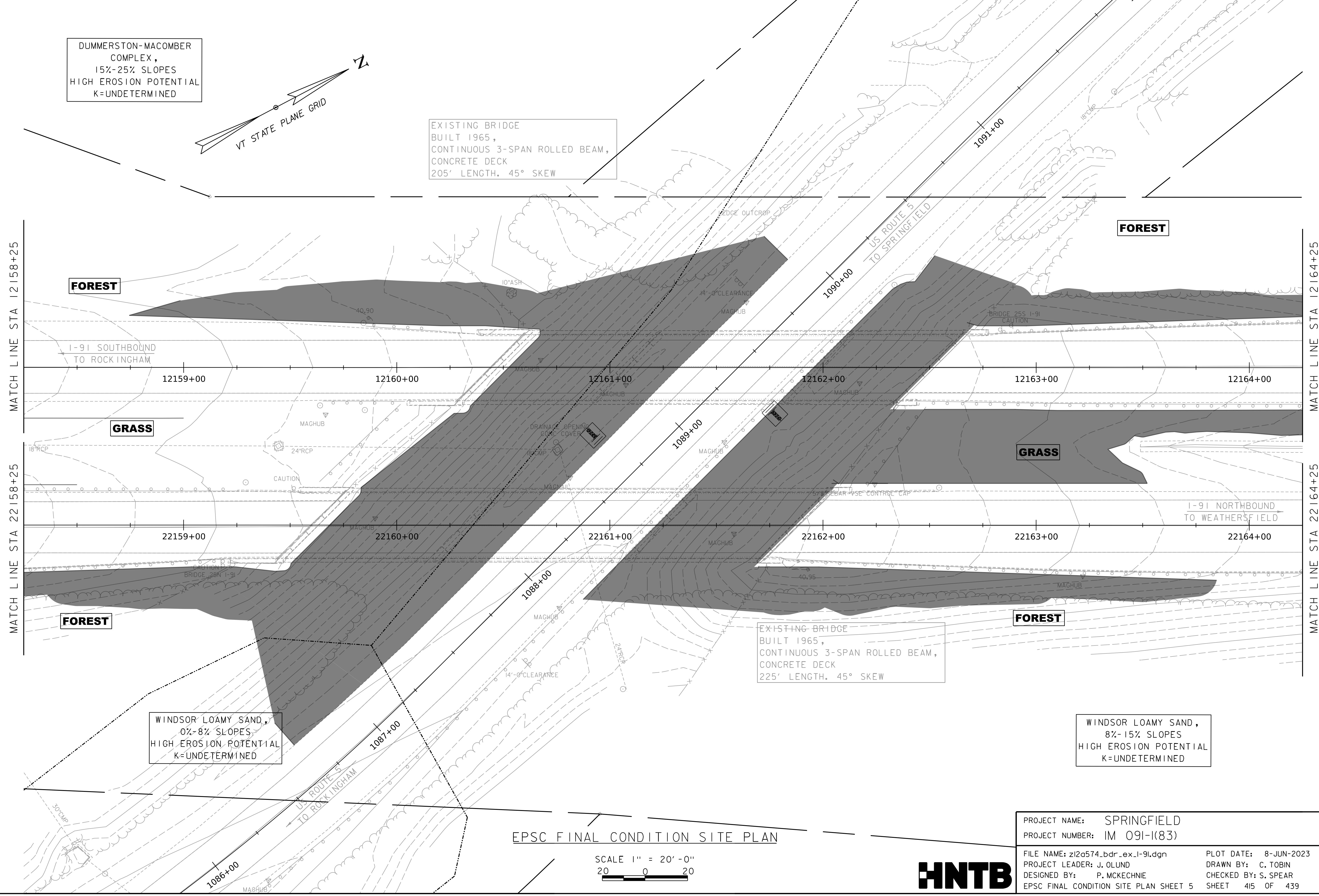


PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE	EPSC FINAL CONDITION SITE PLAN SHEET 4	SHEET 414 OF 439

DUMMERSTON-MACOMBER
COMPLEX,
15%-25% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
205' LENGTH. 45° SKEW



FOREST

FOREST

I-91 SOUTHBOUND
TO ROCKINGHAM

GRASS

GRASS

I-91 NORTHBOUND
TO WEATHERSFIELD

FOREST

FOREST

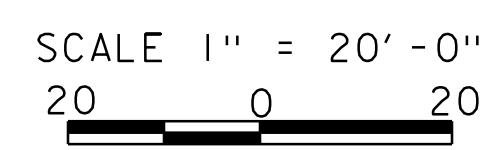
WINDSOR LOAMY SAND,
0%-8% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

EXISTING BRIDGE
BUILT 1965,
CONTINUOUS 3-SPAN ROLLED BEAM,
CONCRETE DECK
225' LENGTH. 45° SKEW

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

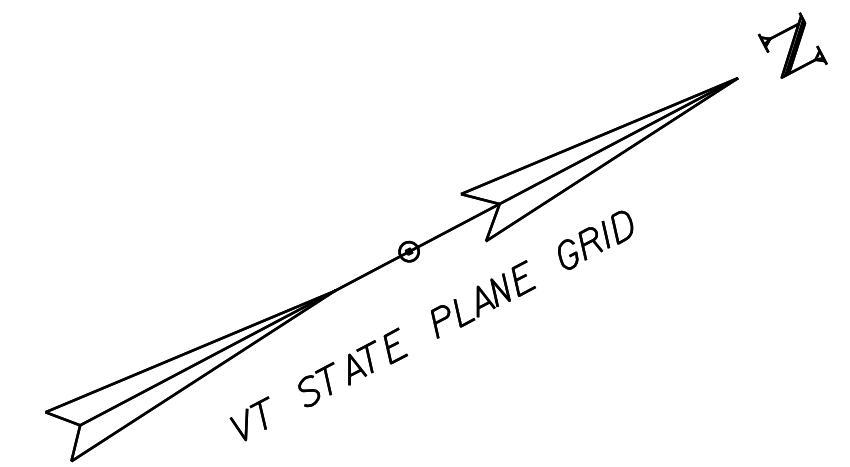
WORKING PLANS FOR REFERENCE ONLY

EPSC FINAL CONDITION SITE PLAN

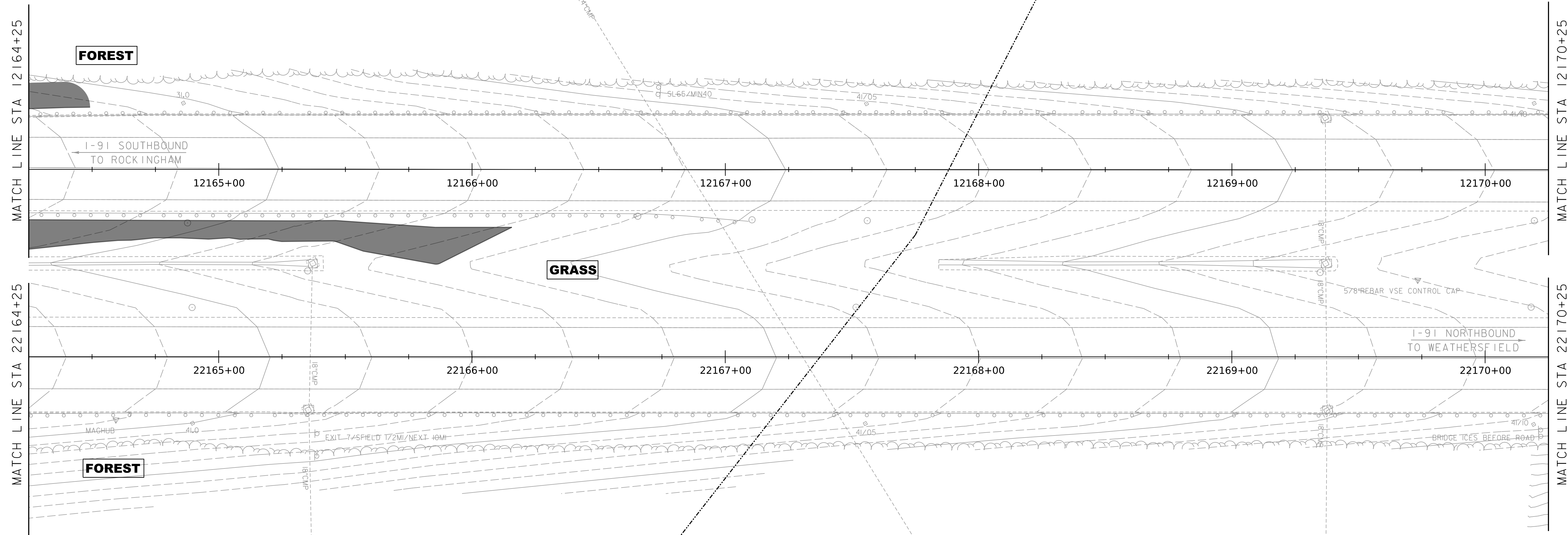


PROJECT NAME: SPRINGFIELD	
PROJECT NUMBER: IM 091-1(83)	
FILE NAME: z12a574_bdr_ex.1-91.dgn	PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND	DRAWN BY: C. TOBIN
DESIGNED BY: P. MCKECHNIE	CHECKED BY: S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 5	SHEET 415 OF 439

WINDSOR LOAMY SAND,
8%-15% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



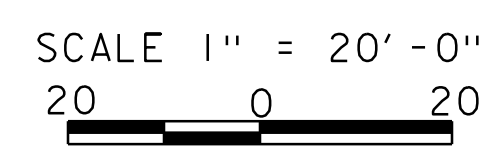
EXISTING R.O.W.



WORKING PLANS FOR REFERENCE ONLY

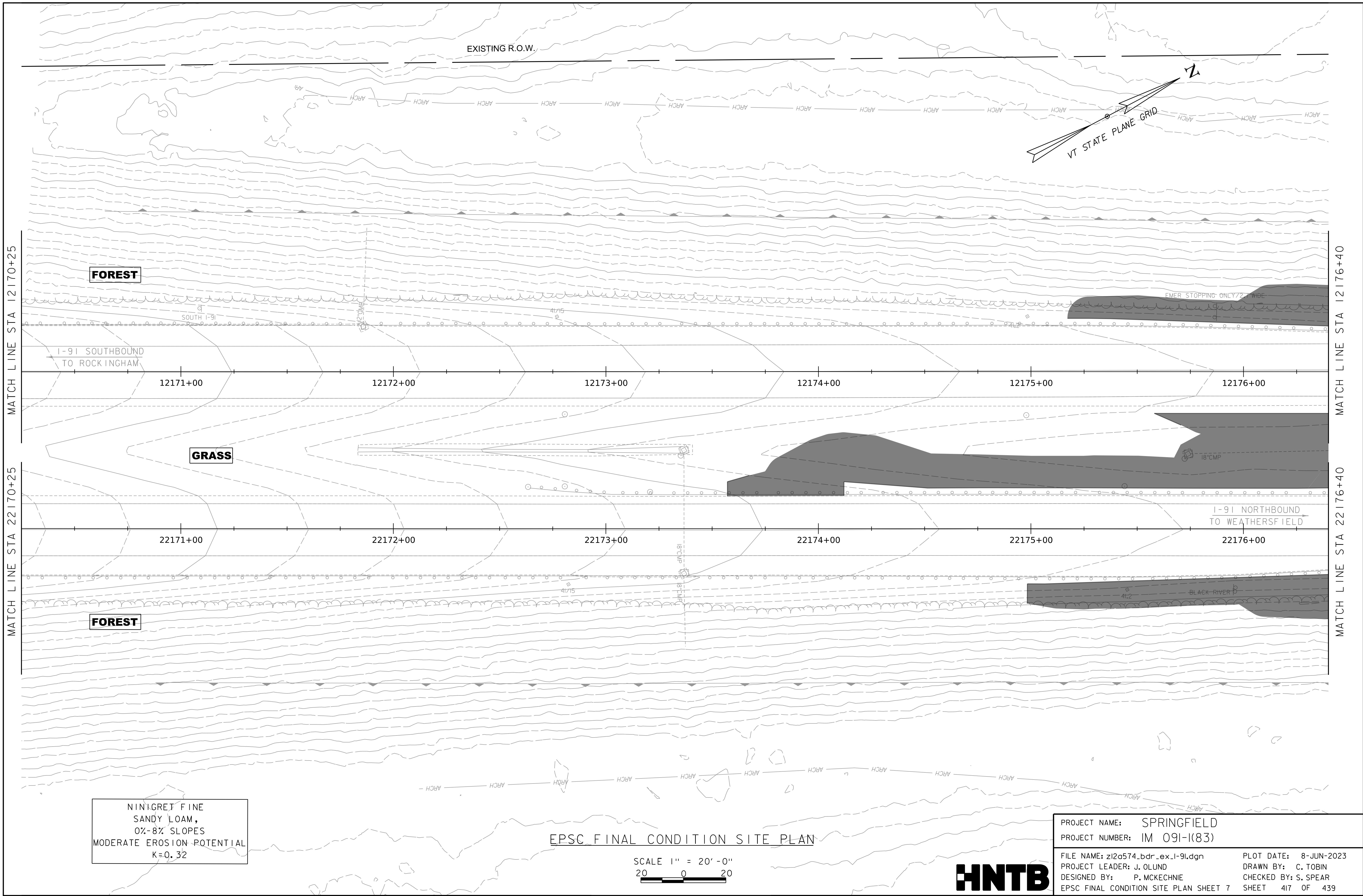
NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC FINAL CONDITION SITE PLAN



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex.1-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC FINAL CONDITION SITE PLAN SHEET 6		SHEET	416 OF 439

WORKING PLANS FOR REFERENCE ONLY



NINIGRET FINE
SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20

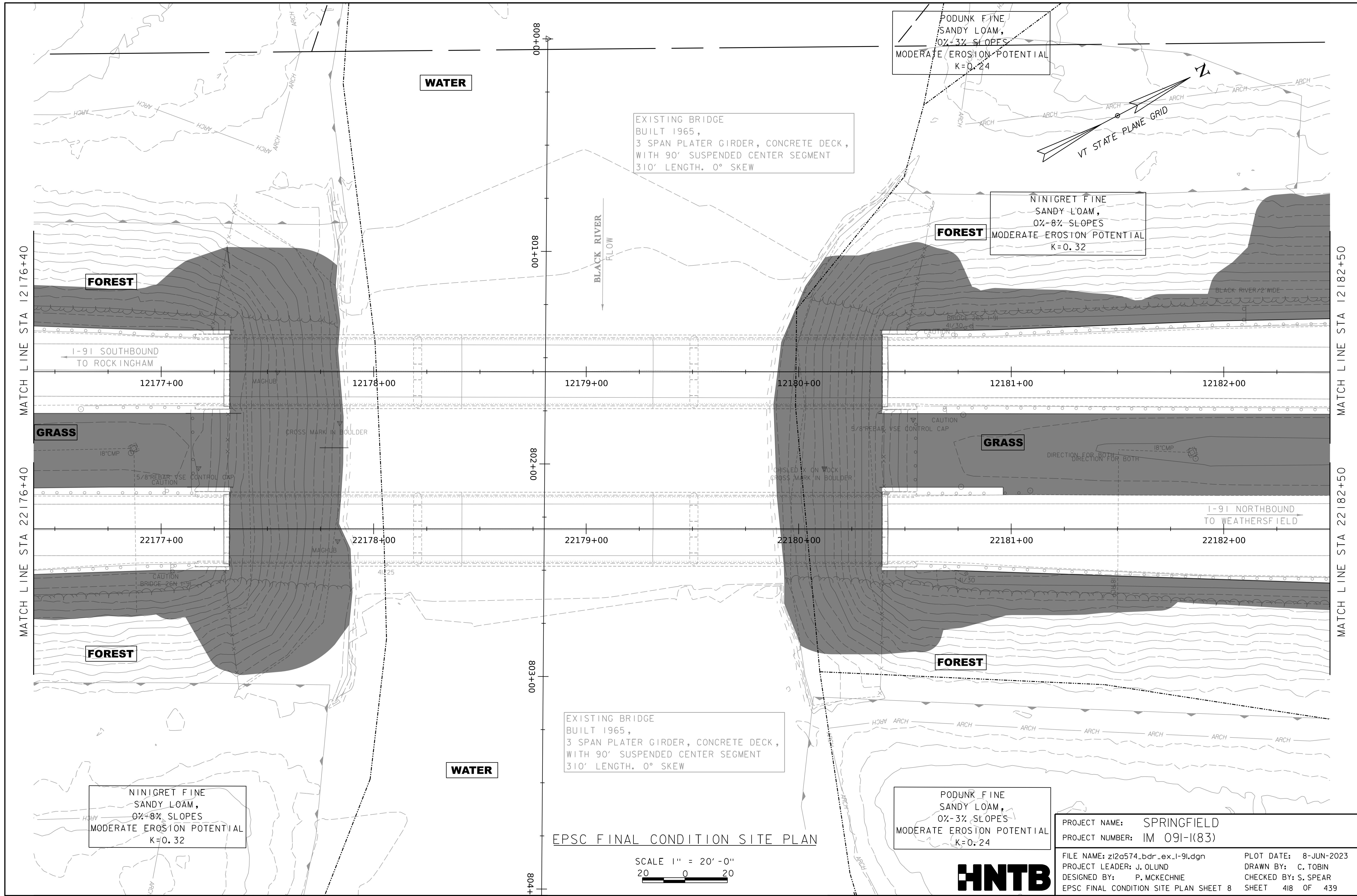


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ex.1-91.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 7

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: S. SPEAR
SHEET 417 OF 439

WORKING PLANS FOR REFERENCE ONLY



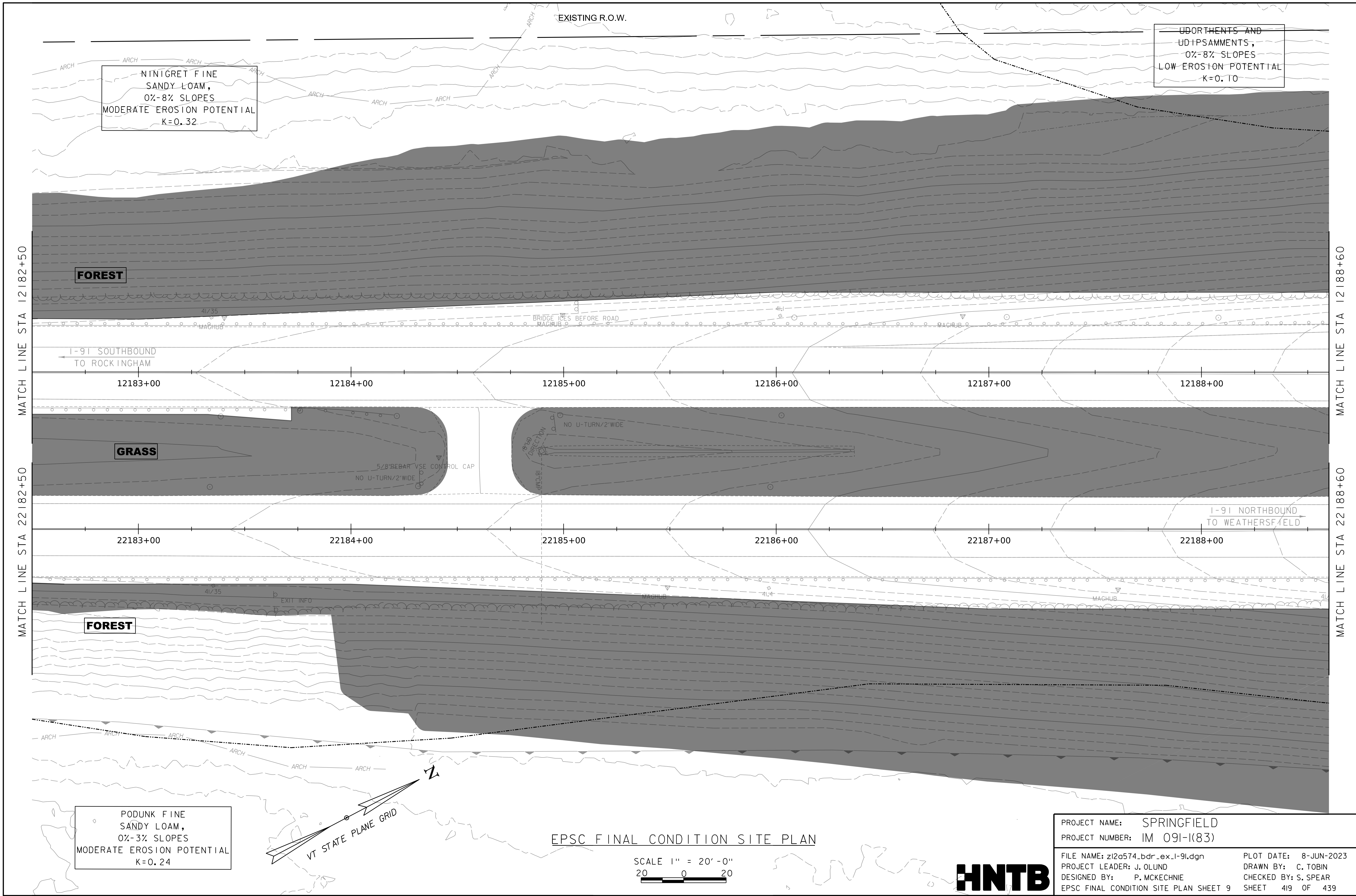
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex.1-91.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC FINAL CONDITION SITE PLAN SHEET 8		SHEET	418 OF 439

WORKING PLANS FOR REFERENCE ONLY



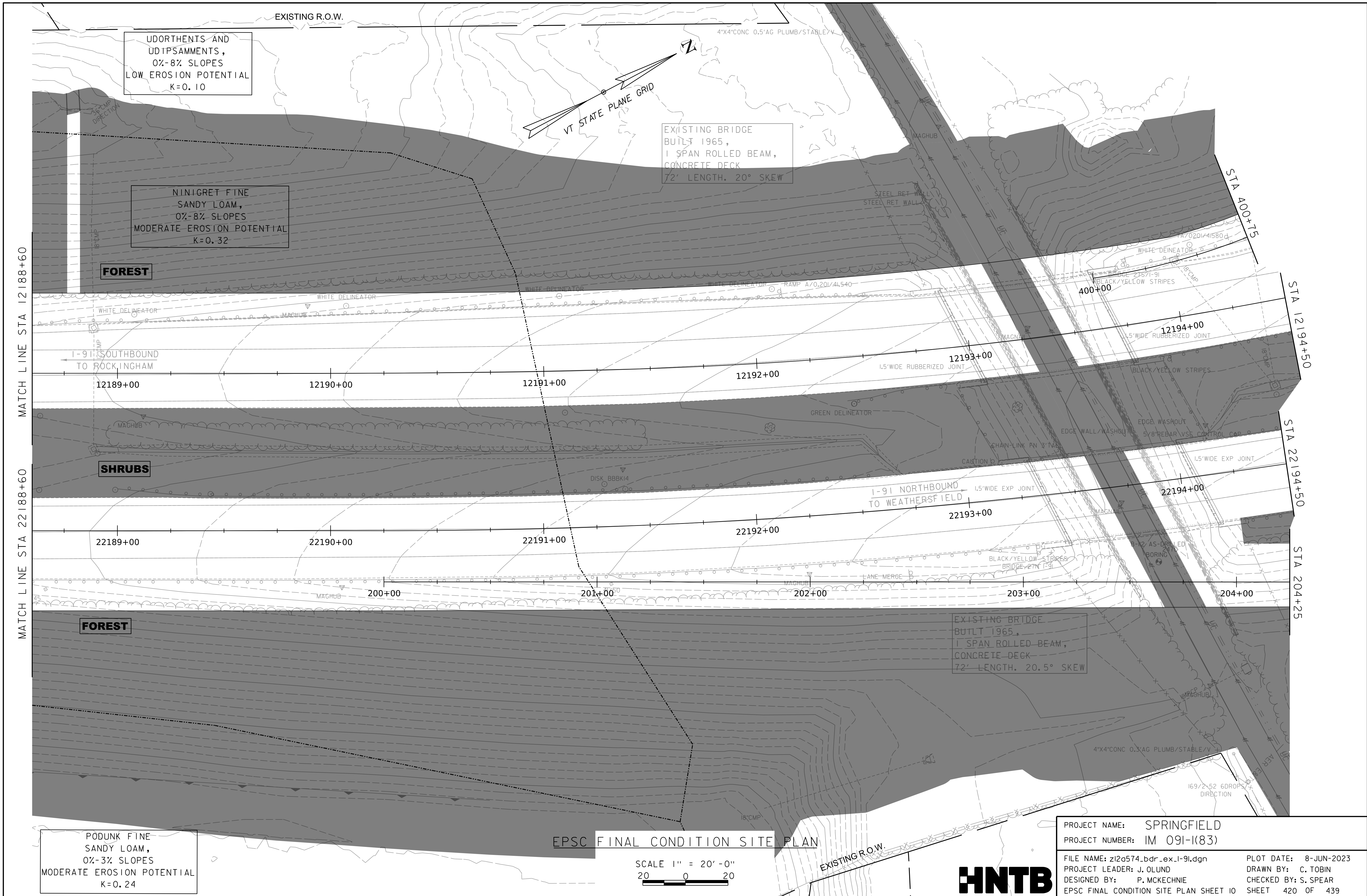
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	EPSC FINAL CONDITION SITE PLAN SHEET 9	SHEET 419 OF 439
DESIGNED BY:	P. MCKECHNIE		

WORKING PLANS FOR REFERENCE ONLY



UDORTHENTS AND UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

NINIGRET FINE SANDY LOAM,
0%-8% SLOPES
MODERATE EROSION POTENTIAL
K=0.32

FOREST

SHRUBS

FOREST

PODUNK FINE SANDY LOAM,
0%-3% SLOPES
MODERATE EROSION POTENTIAL
K=0.24

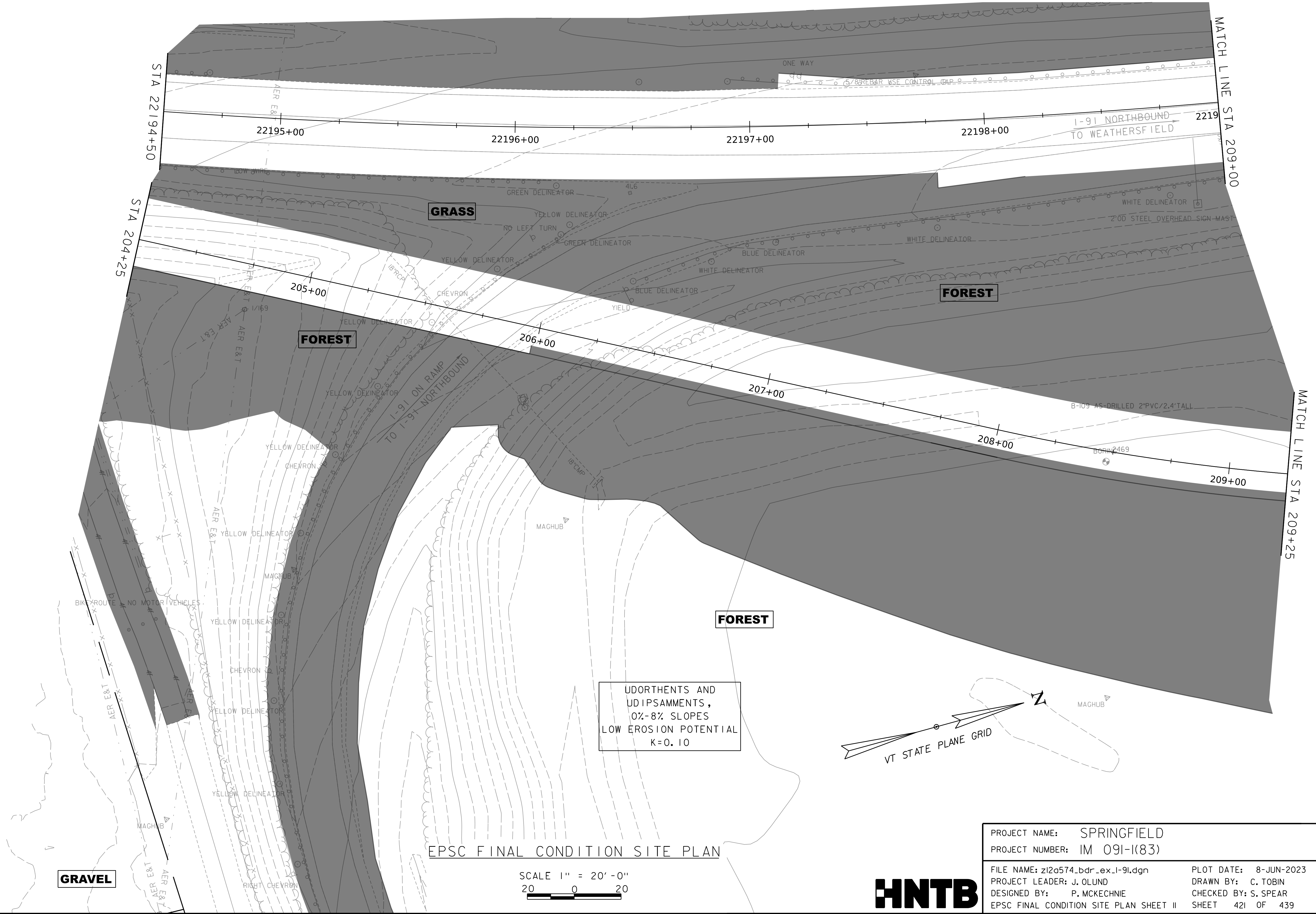
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE	EPSC FINAL CONDITION SITE PLAN SHEET 10	SHEET 420 OF 439

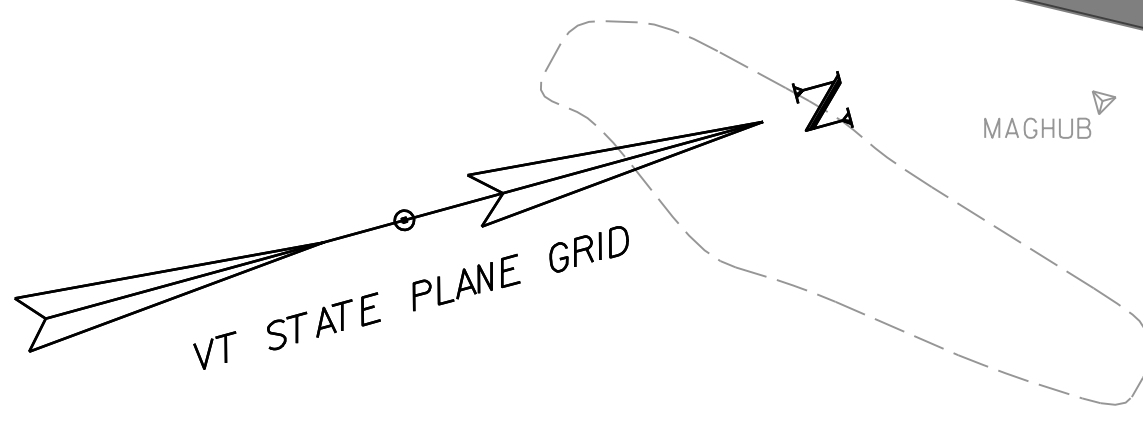


WORKING PLANS FOR REFERENCE ONLY



EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20



UDORTHENTS AND UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET II		SHEET	421 OF 439



WORKING PLANS FOR REFERENCE ONLY



EXISTING BRIDGE
 BUILT 1965,
 2-2 SPAN CONTINUOUS
 ROLLED BEAMS, CONCRETE DECK
 198' LENGTH, 79° SKEW

FOREST

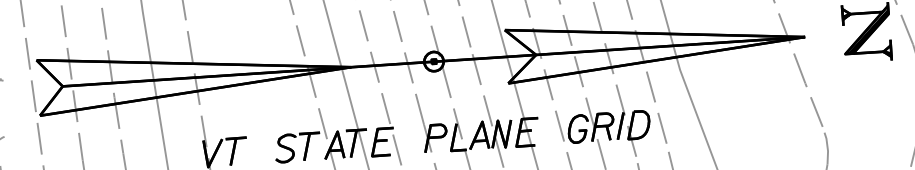
GRASS

FOREST

UDORTHERENTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

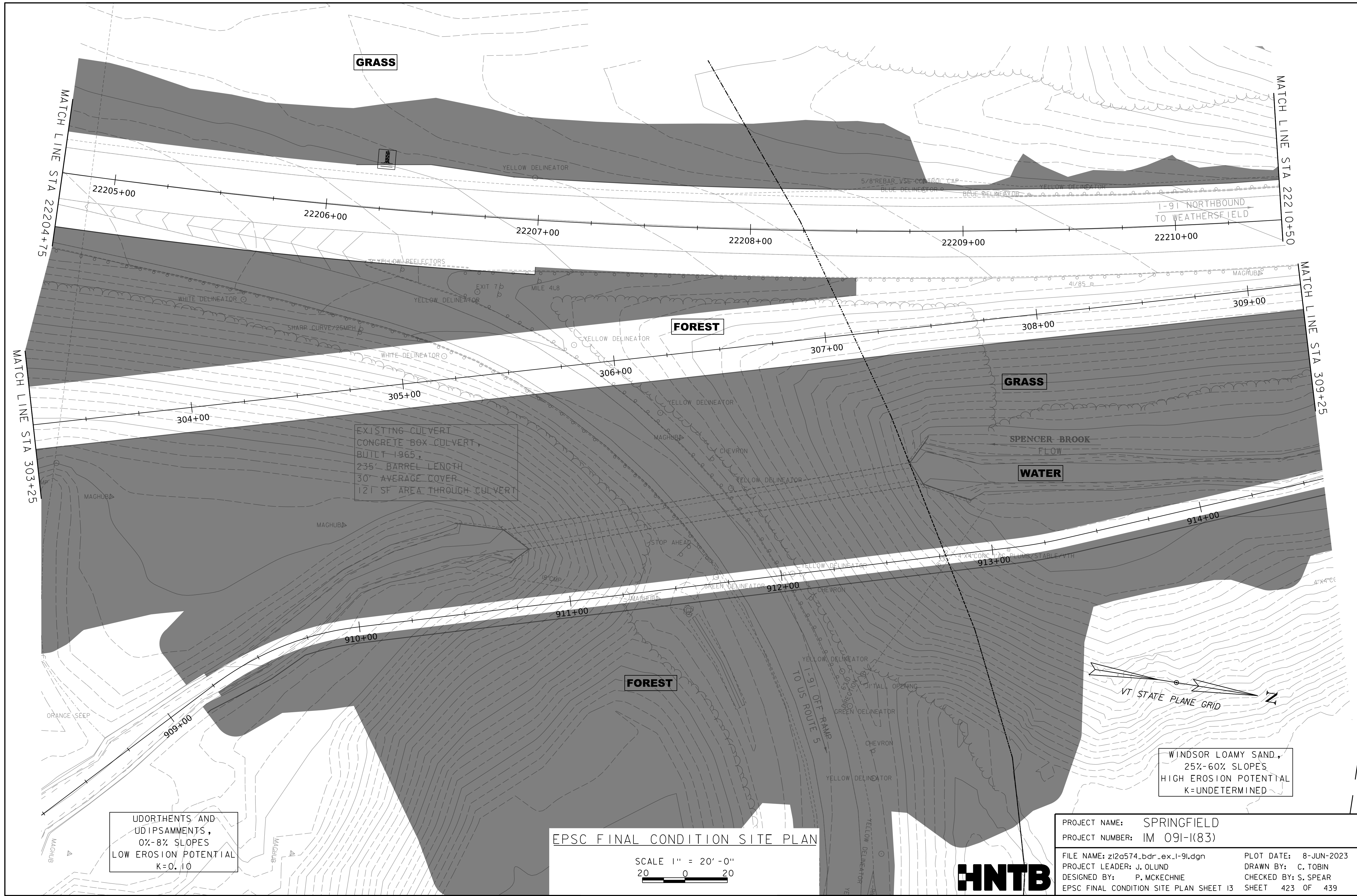
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20' -0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex_1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 12		SHEET 422 OF 439	

WORKING PLANS FOR REFERENCE ONLY



GRASS

FOREST

GRASS

WATER

FOREST

EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 235' BARREL LENGTH
 30" AVERAGE COVER
 121 SF AREA THROUGH CULVERT

WINDSOR LOAMY SAND,
 25%-60% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

UDORTHERENTS AND
 UDIPSAMMENTS,
 0%-8% SLOPES
 LOW EROSION POTENTIAL
 K=0.10

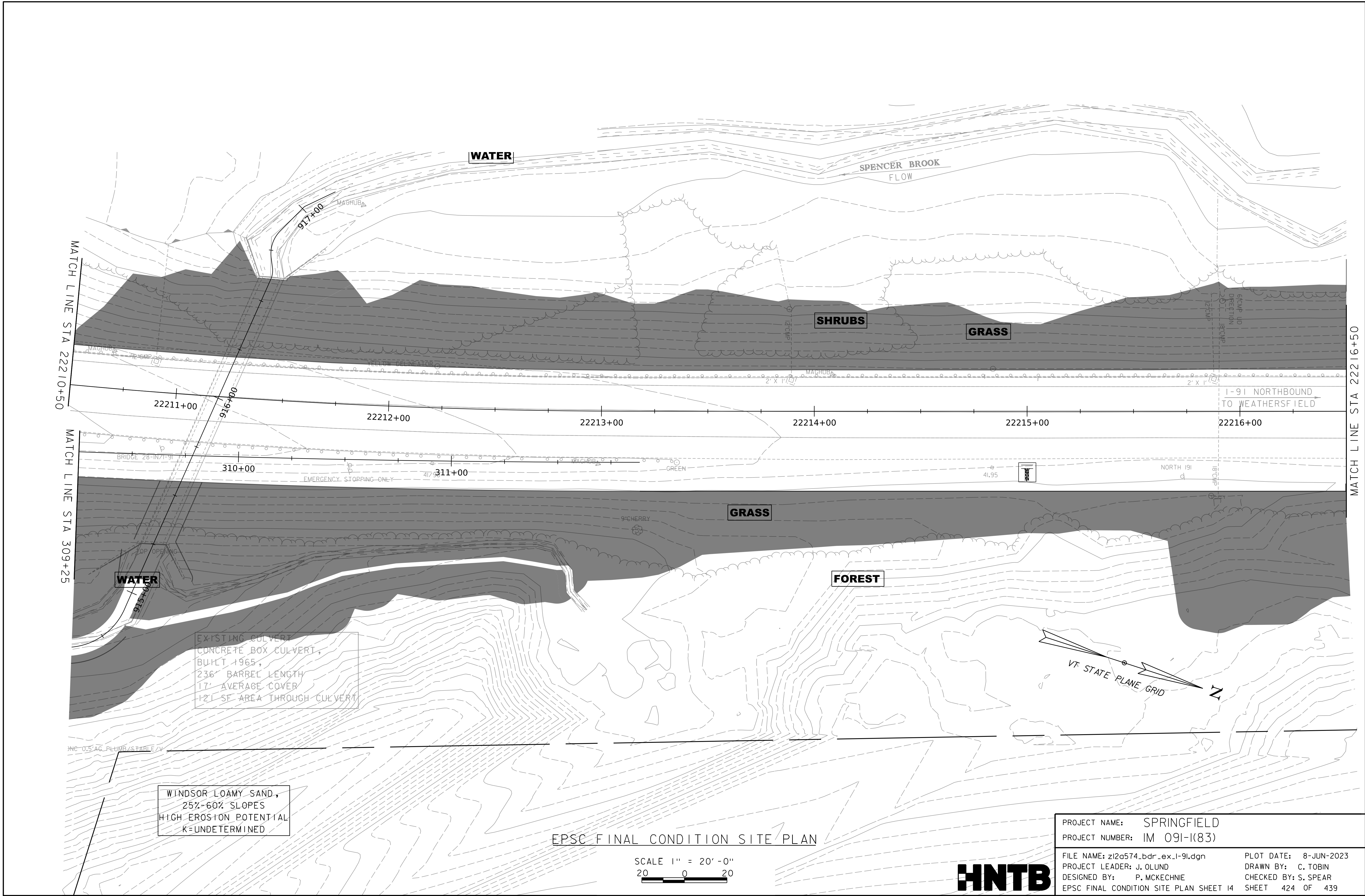
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 13			SHEET 423 OF 439

WORKING PLANS FOR REFERENCE ONLY



EXISTING CULVERT
 CONCRETE BOX CULVERT,
 BUILT 1965,
 236' BARREL LENGTH
 17' AVERAGE COVER
 121 SF AREA THROUGH CULVERT

WINDSOR LOAMY SAND,
 25%-60% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

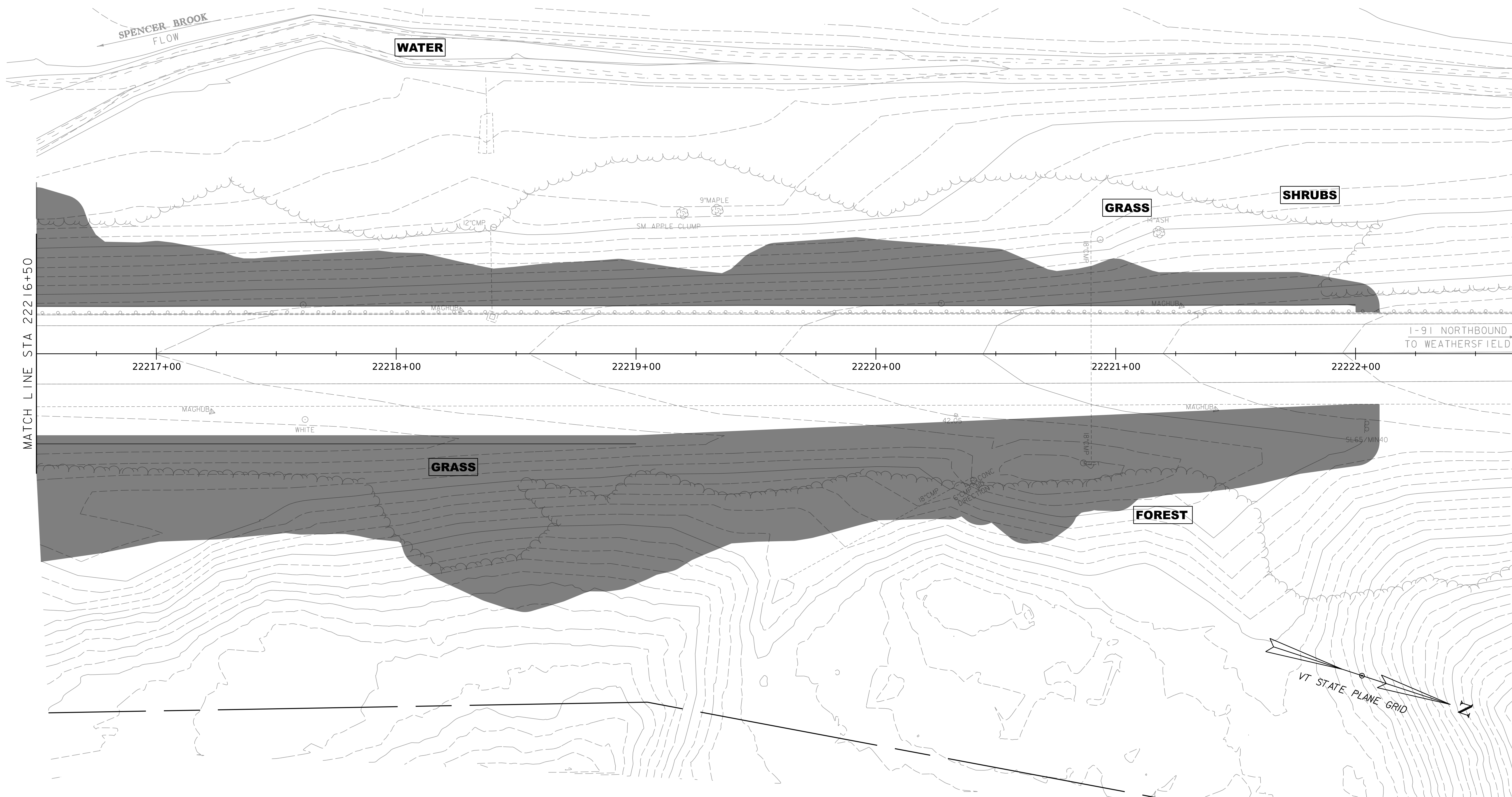
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND		
DESIGNED BY:	P. MCKECHNIE		
EPSC FINAL CONDITION SITE PLAN SHEET 14		SHEET	424 OF 439

WORKING PLANS FOR REFERENCE ONLY



WINDSOR LOAMY SAND,
 25%-60% SLOPES
 HIGH EROSION POTENTIAL
 K=UNDETERMINED

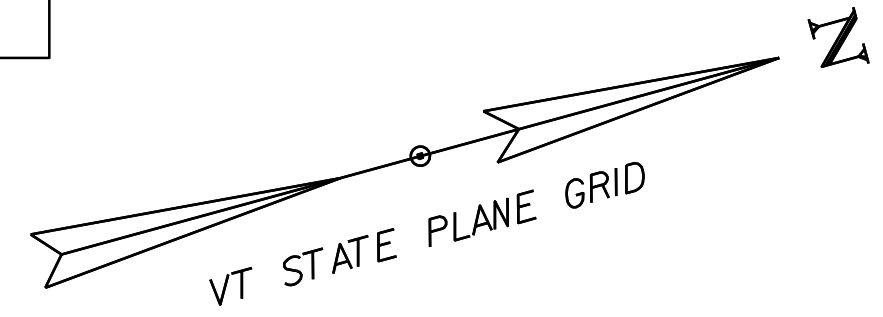
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 15		SHEET	425 OF 439

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10



GRAVEL

UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

FOREST

FOREST

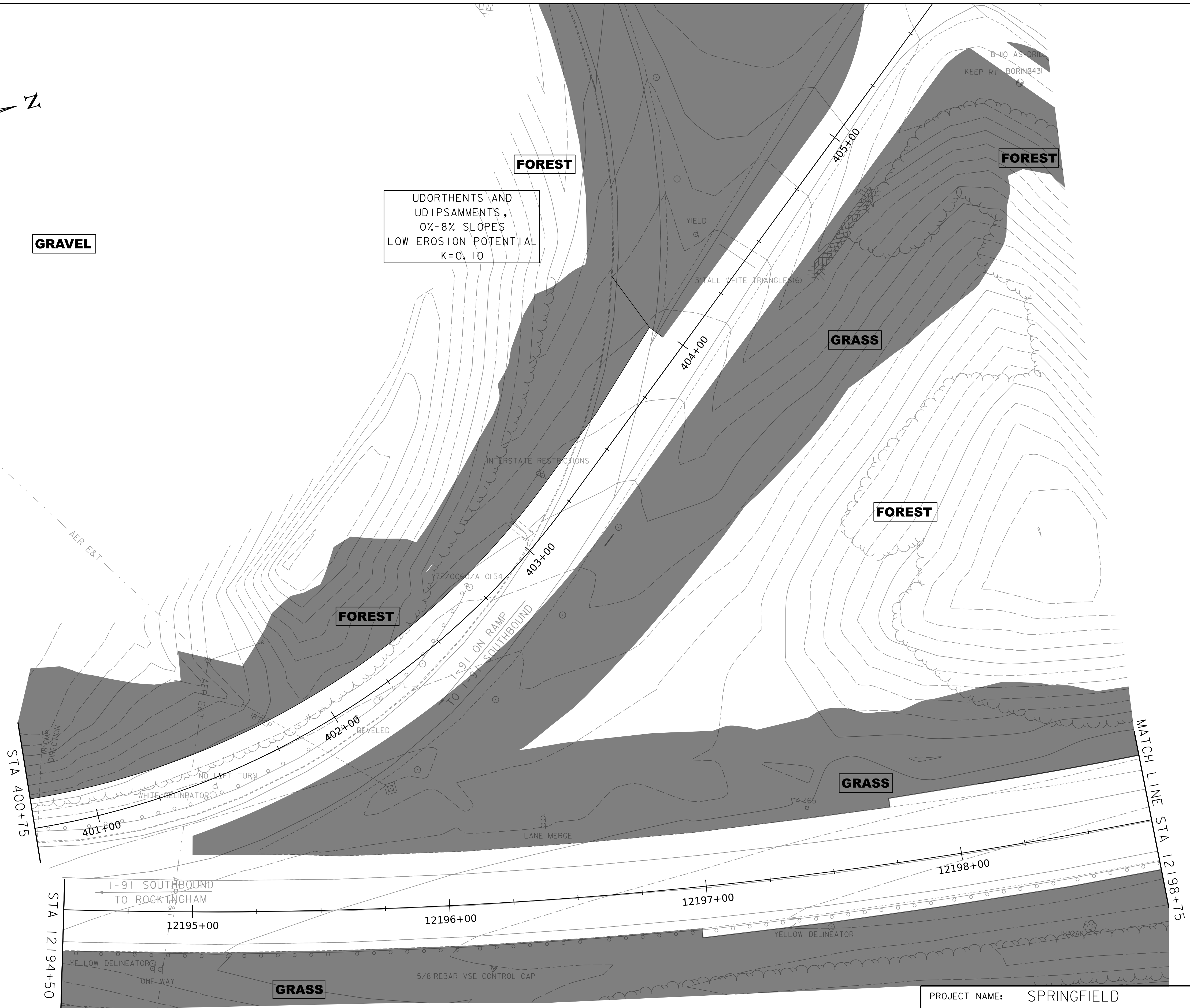
GRASS

FOREST

FOREST

GRASS

WORKING PLANS FOR REFERENCE ONLY



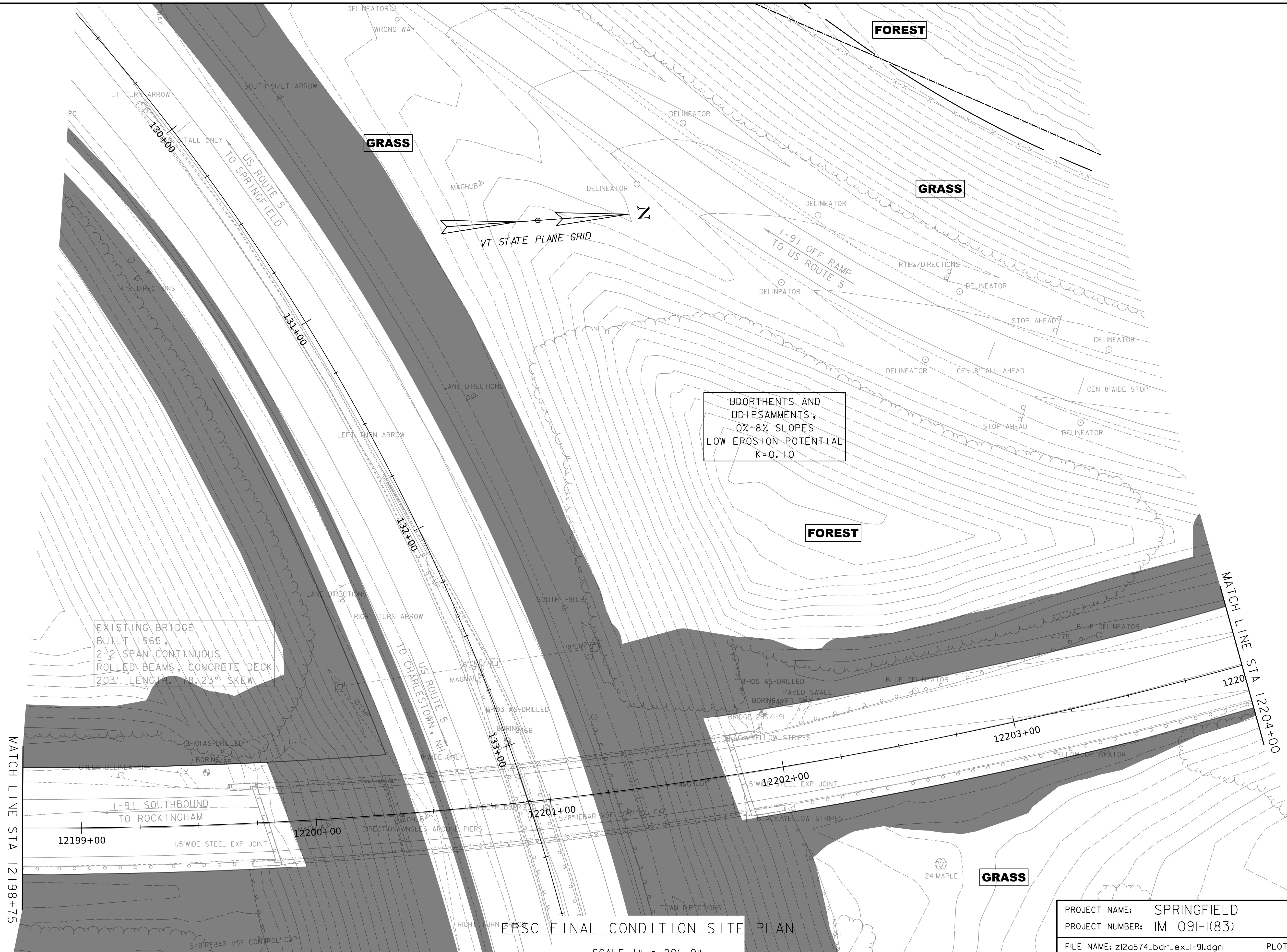
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	DESIGNED BY:	P. MCKECHNIE
PROJECT LEADER:	J. OLUND	CHECKED BY:	S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 16		SHEET	426 OF 439

WORKING PLANS FOR REFERENCE ONLY



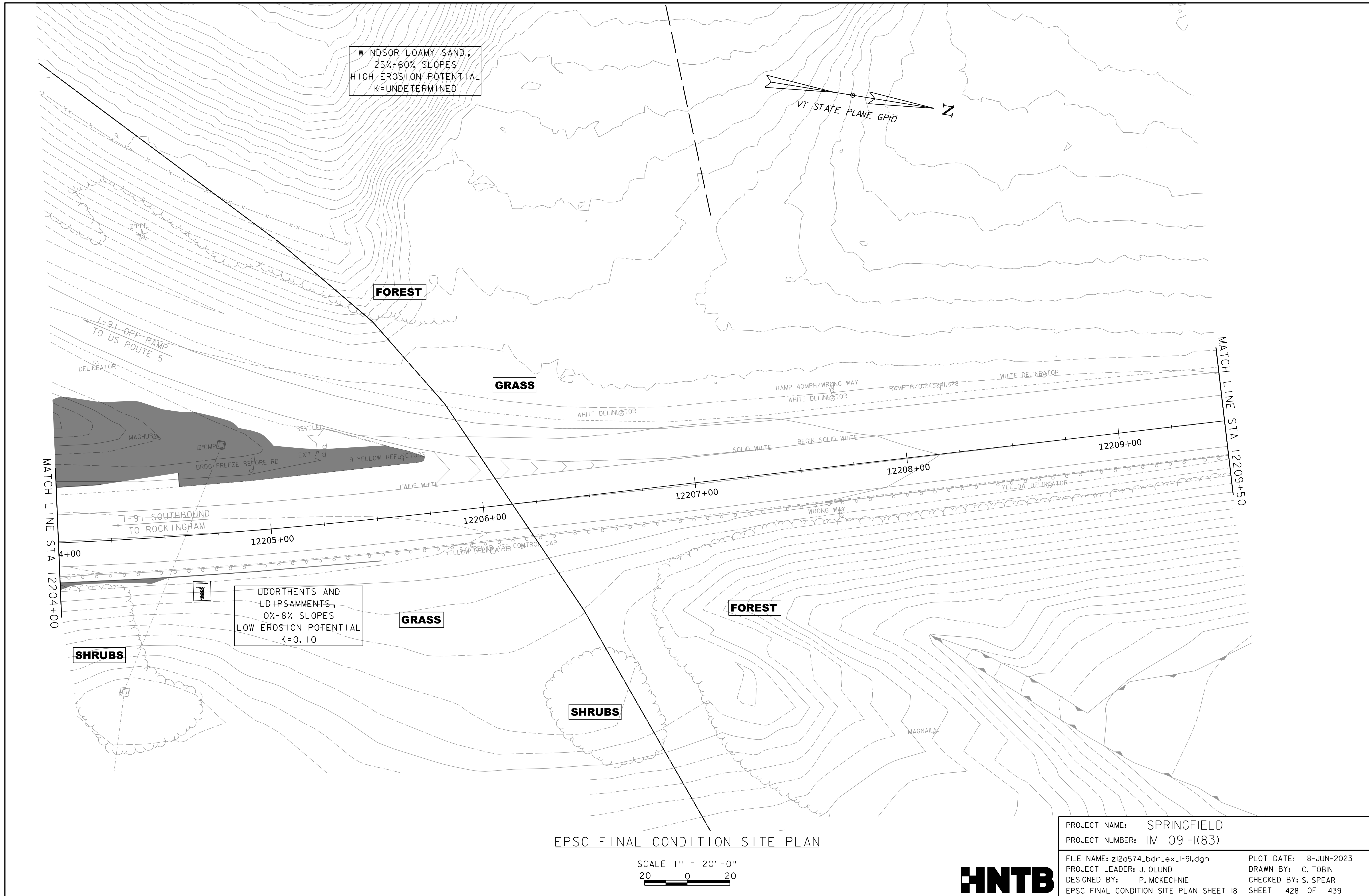
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20' - 0"
 20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-1(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	DESIGNED BY:	P. MCKECHNIE
DESIGNED BY:	P. MCKECHNIE	EPSC FINAL CONDITION SITE PLAN SHEET 17	SHEET 427 OF 439



WORKING PLANS FOR REFERENCE ONLY



WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

FOREST

GRASS

FOREST

GRASS

UDORTHERTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

SHRUBS

SHRUBS

EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20

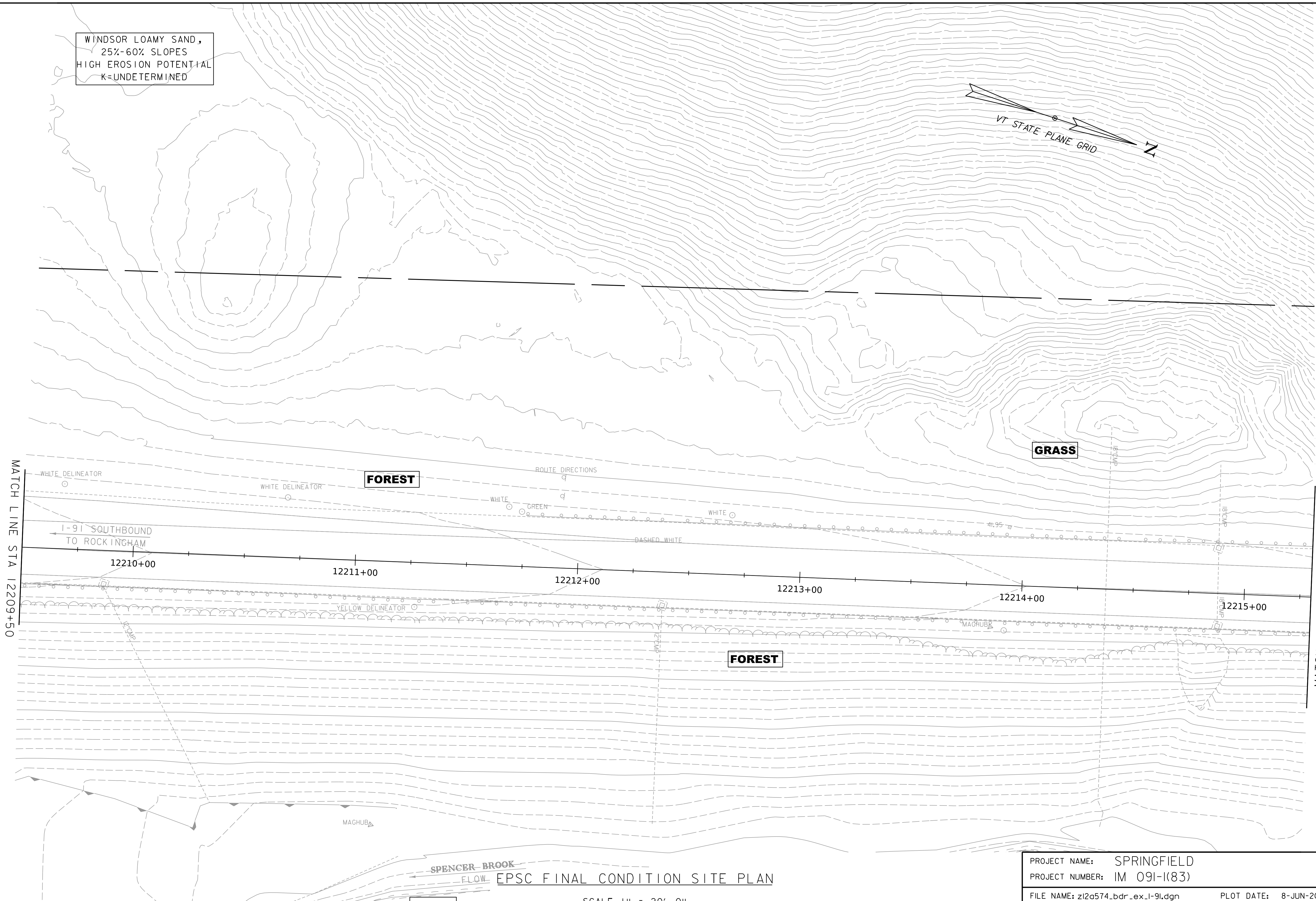
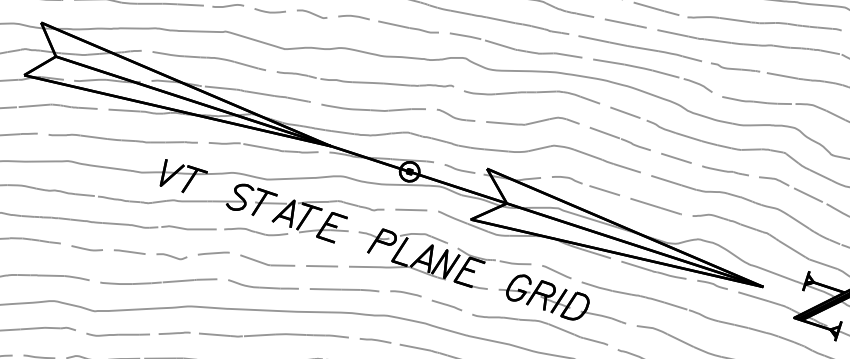


PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: z12a574_bdr_ex.1-91.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC FINAL CONDITION SITE PLAN SHEET 18

PLOT DATE: 8-JUN-2023
DRAWN BY: C. TOBIN
CHECKED BY: S. SPEAR
SHEET 428 OF 439

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED



WORKING PLANS FOR REFERENCE ONLY

MATCH LINE STA 12209+50

MATCH LINE STA 12215+30

WHITE DELINEATOR WHITE DELINEATOR **FOREST** ROUTE DIRECTIONS WHITE GREEN WHITE WHITE 41.95 BASHED WHITE YELLOW DELINEATOR **FOREST** MAGHUB MAGHUB

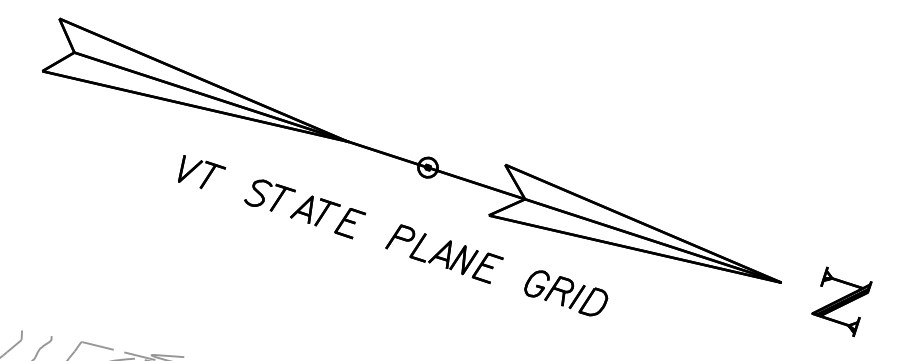
I-91 SOUTHBOUND TO ROCKINGHAM

SPENCER BROOK FLOW EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	EPSC FINAL CONDITION SITE PLAN SHEET 19	SHEET 429 OF 439
DESIGNED BY:	P. MCKECHNIE		





FOREST

WINDSOR LOAMY SAND,
25%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDETERMINED

GRASS

FOREST

MATCH LINE STA 12215+30

I-91 SOUTHBOUND
TO ROCKINGHAM

12216+00

12217+00

12218+00

12219+00

12220+00

12221+00

YELLOW

MAGRUB
YELLOW

24'0"CP
THIS END

EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	DRAWN BY:	C. TOBIN
FILE NAME:	z12a574_bdr_ex.1-91.dgn	CHECKED BY:	S. SPEAR
PROJECT LEADER:	J. OLUND	EPSC FINAL CONDITION SITE PLAN SHEET 20	SHEET 430 OF 439
DESIGNED BY:	P. MCKECHNIE		

WORKING PLANS FOR REFERENCE ONLY

WORKING PLANS FOR REFERENCE ONLY

GLOVER-VERSHIRE
COMPLEX,
35%-60% SLOPES
HIGH EROSION POTENTIAL
K=UNDEF INED

FOREST

PAVEMENT

GRASS

BEGIN ROUTE 5 NB APPROACH
STA. 120+00.00
MATCH EXISTING

US ROUTE 5
TO SPRINGFIELD

US ROUTE 5
TO CHARLESTOWN, NH

MATCH LINE STA 121+50

116+00

117+00

118+00

119+00

121+00

2002+00

2001+00

1998+00

1999+00

GRASS

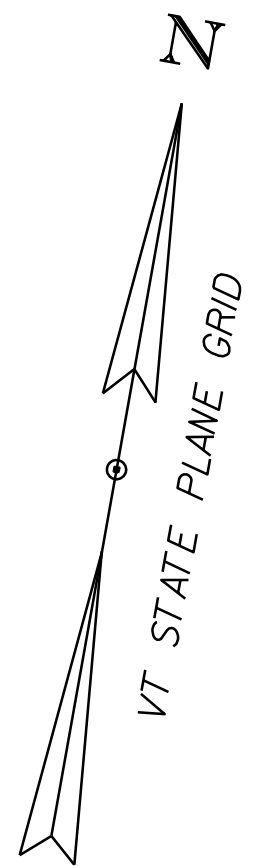
GRASS

PAVEMENT

PAVEMENT

REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES

REVEGETATION AREA (TYP)
EXCAVATE EXISTING PAVEMENT
PLACE 4" OF TOPSOIL AND SEED
MATCH EXISTING GRADES



UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

EPSC FINAL CONDITION SITE PLAN

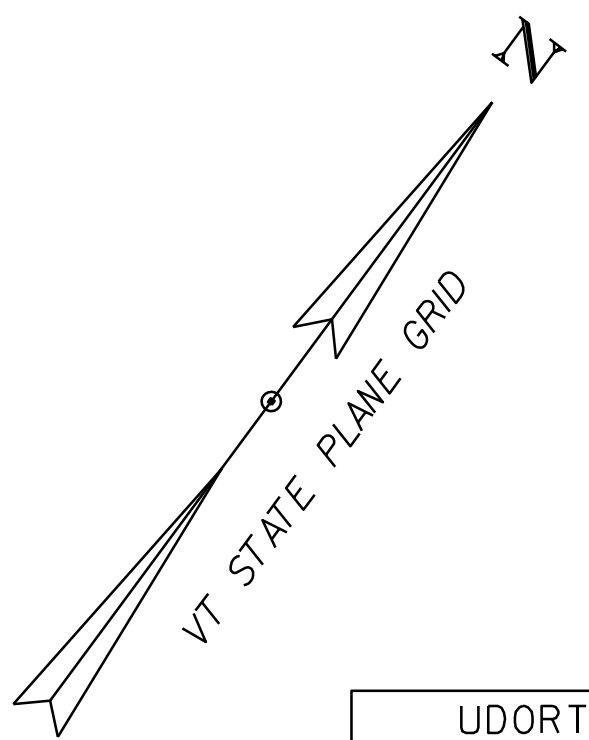
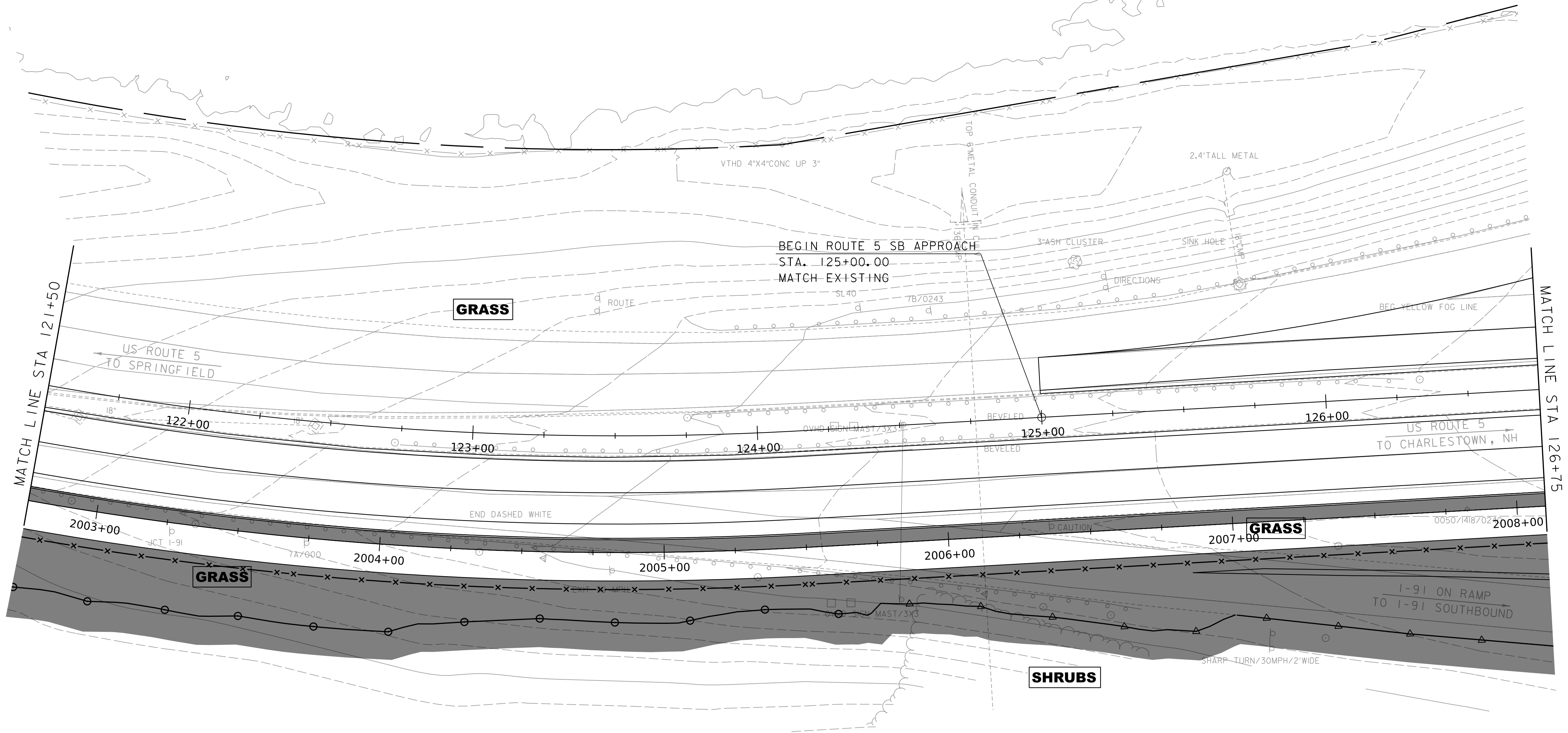
SCALE 1" = 20' - 0"
20 0 20



PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-I(83)

FILE NAME: z12a574_bdr_ex_charlestown.dgn PLOT DATE: 8-JUN-2023
PROJECT LEADER: J. OLUND DRAWN BY: C. TOBIN
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 21 SHEET 431 OF 439

WORKING PLANS FOR REFERENCE ONLY



UDORTHENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

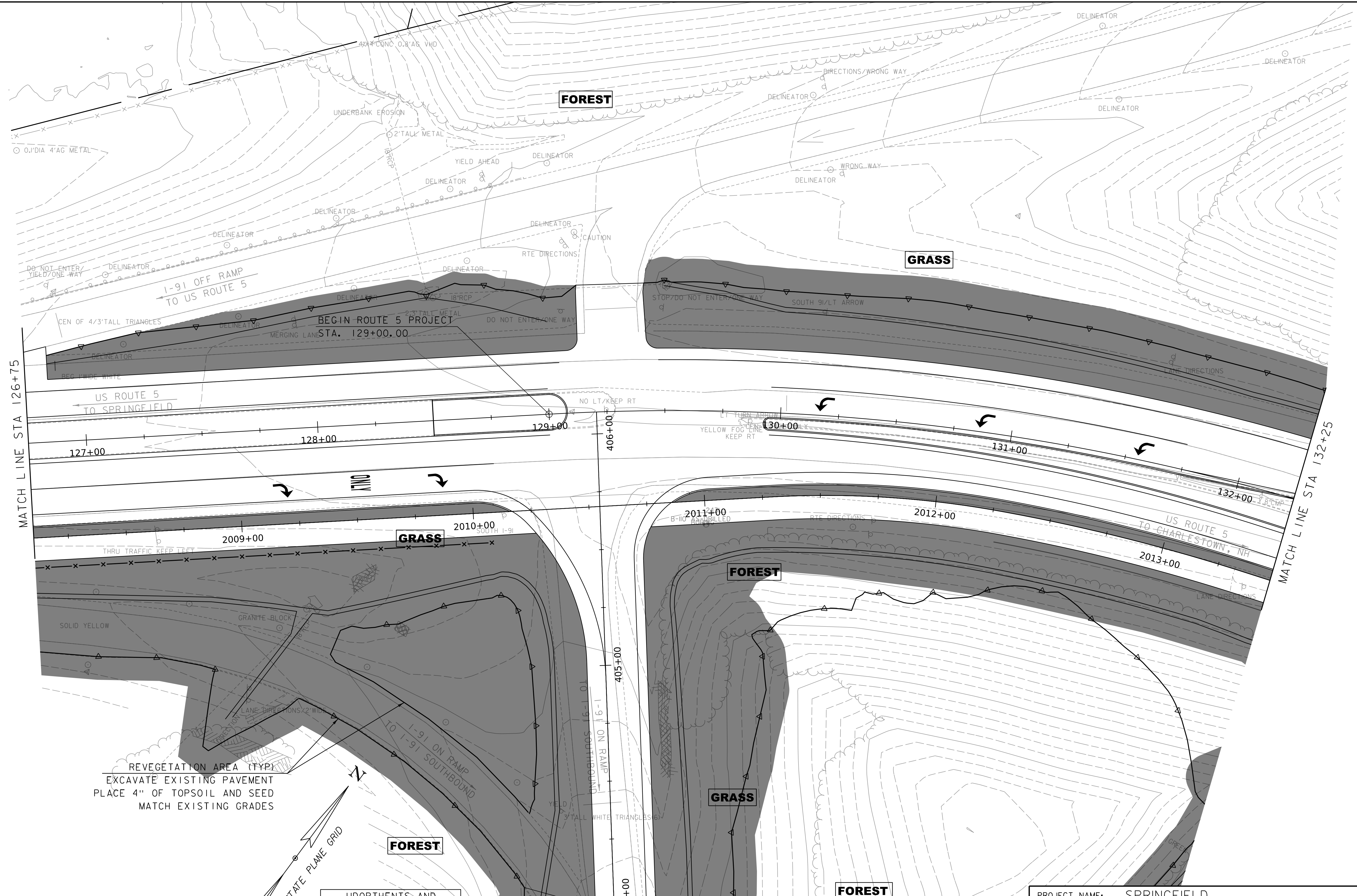
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ex.charlestown.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. TOBIN
DESIGNED BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 22	SHEET 432 OF 439



WORKING PLANS FOR REFERENCE ONLY



EPSC FINAL CONDITION SITE PLAN

UDORTENTS AND
UDIPSAMMENTS,
0%-8% SLOPES
LOW EROSION POTENTIAL
K=0.10

SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex_charlestown.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 23			SHEET 433 OF 439		



WORKING PLANS FOR REFERENCE ONLY



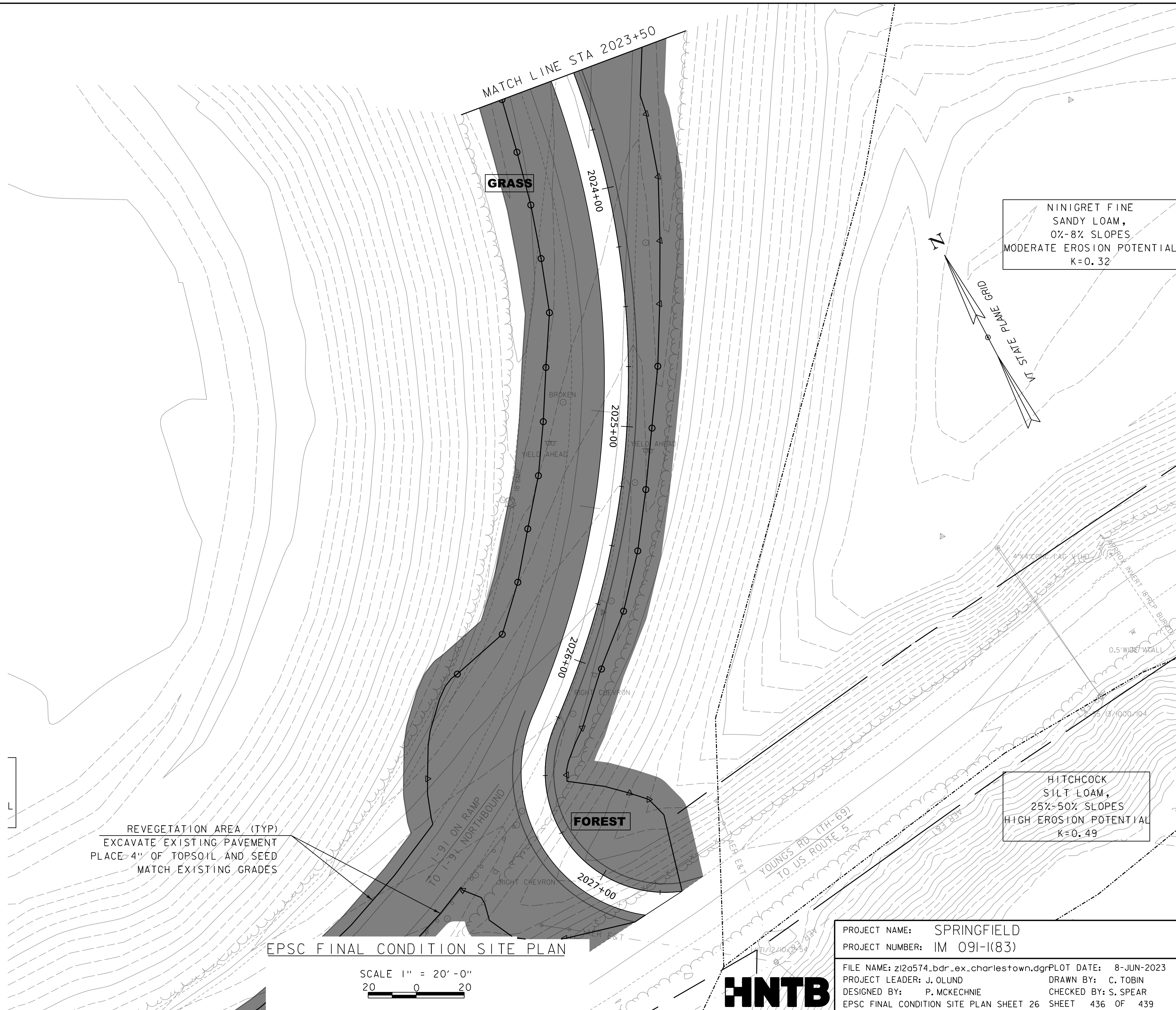
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
0 20

PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex.charlestown.dgr	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
		EPSC FINAL CONDITION SITE PLAN SHEET 24 SHEET 434 OF 439			



WORKING PLANS FOR REFERENCE ONLY



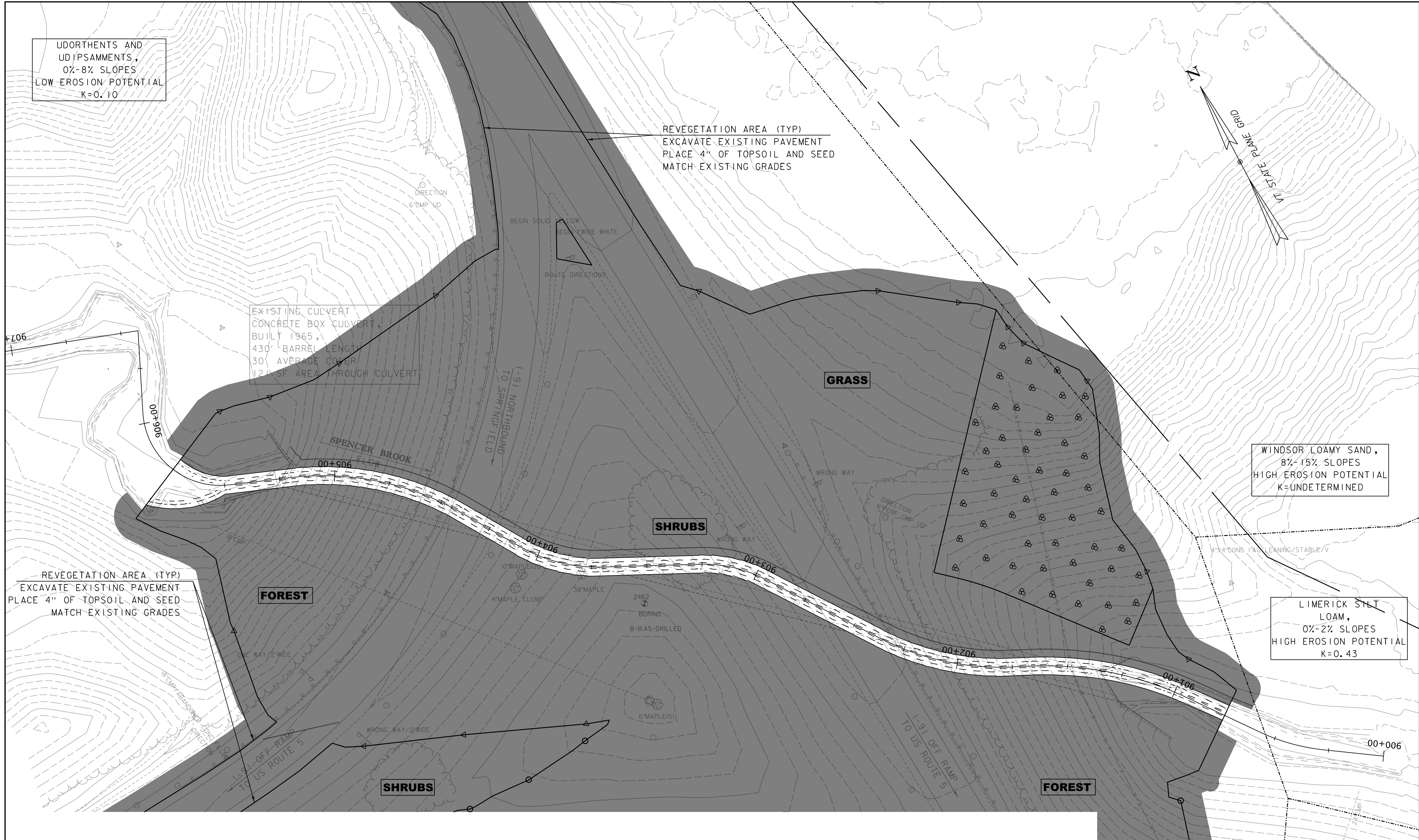
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20



PROJECT NAME:	SPRINGFIELD	FILE NAME:	z12a574_bdr_ex_charlestown.dgn	PLOT DATE:	8-JUN-2023
PROJECT NUMBER:	IM 091-I(83)	PROJECT LEADER:	J. OLUND	DRAWN BY:	C. TOBIN
		DESIGNED BY:	P. MCKECHNIE	CHECKED BY:	S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET 26		SHEET 436 OF 439			

WORKING PLANS FOR REFERENCE ONLY



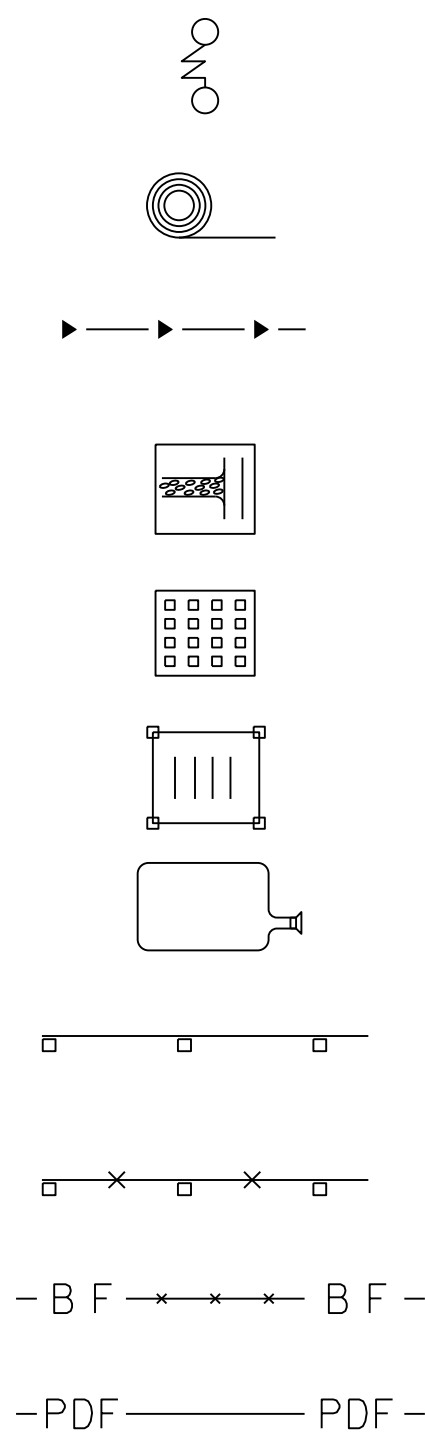
EPSC FINAL CONDITION SITE PLAN

SCALE 1" = 20'-0"
20 0 20



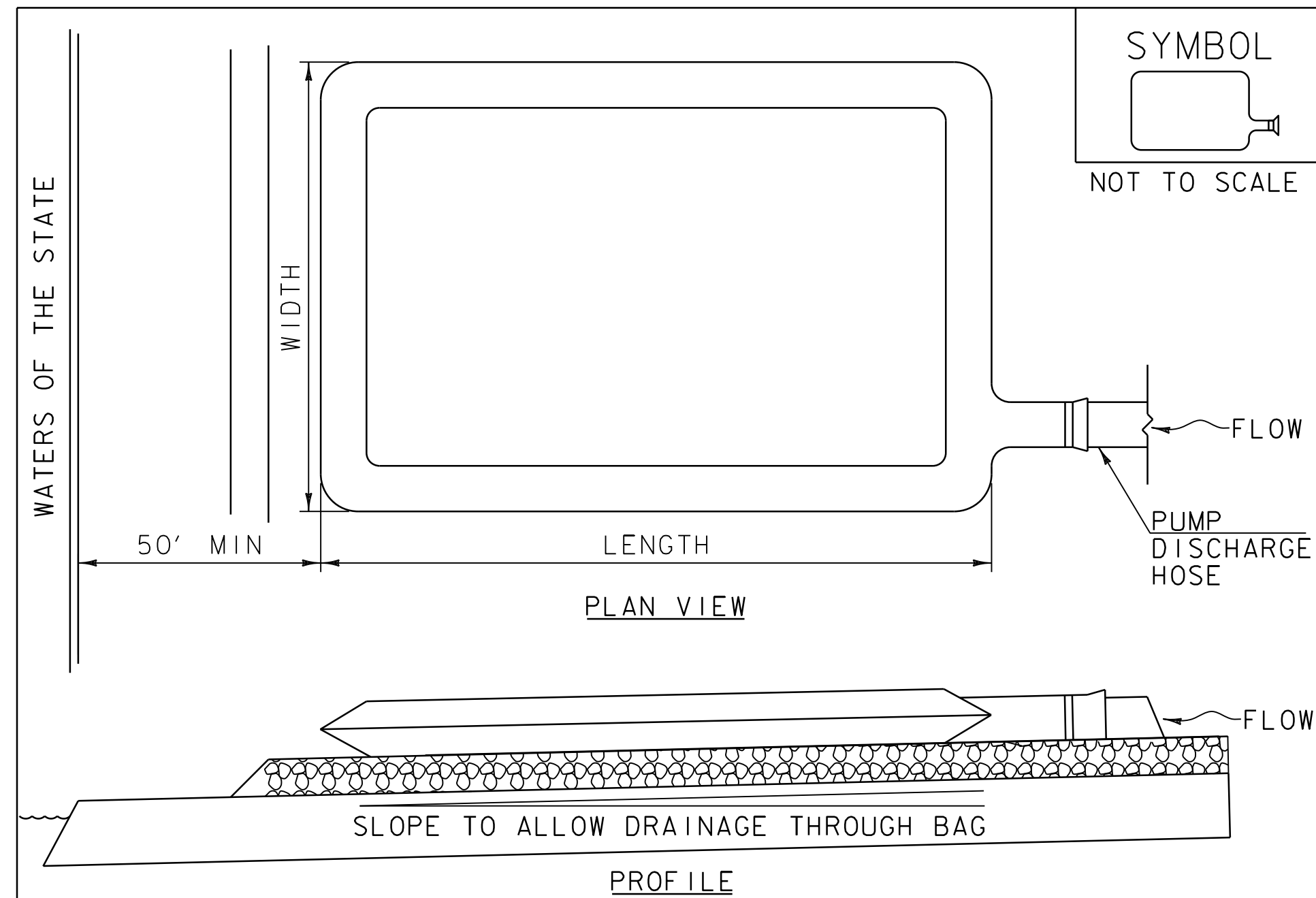
PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	IM 091-1(83)
FILE NAME:	z12a574_bdr_ex_charlestown.dgn
PLOT DATE:	8-JUN-2023
PROJECT LEADER:	J. OLUND
DRAWN BY:	C. TOBIN
DESIGNED BY:	P. MCKECHNIE
CHECKED BY:	S. SPEAR
EPSC FINAL CONDITION SITE PLAN SHEET	27 SHEET 437 OF 439

- GEOTEXTILE FOR FILTER CURTAIN
649.61, DETAIL, FILTER CURTAIN
- ROLLED EROSION CONTROL PRODUCT (RECP), TYPE I
653.20
- CHECK DAM, TYPE I (LINE STYLE)
653.25, DETAIL
- STABILIZED CONSTRUCTION ENTRANCE
653.35, DETAIL, VEHICLE TRACKING PAD
- INLET PROTECTION DEVICE, TYPE II
653.41, DETAIL
- INLET PROTECTION DEVICE, TYPE I
653.40, DETAIL
- FILTER BAG
653.45, DETAIL
- SILT FENCE TYPE I (LINE STYLE)
653.475, DETAIL
- SILT FENCE, TYPE II (LINE STYLE)
653.476, DETAIL
- BARRIER FENCE (LINE STYLE)
653.50
- PROJECT DEMARCATION FENCE (LINE STYLE)
653.55



STANDARD SYMBOLS

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION



CONSTRUCTION SPECIFICATIONS

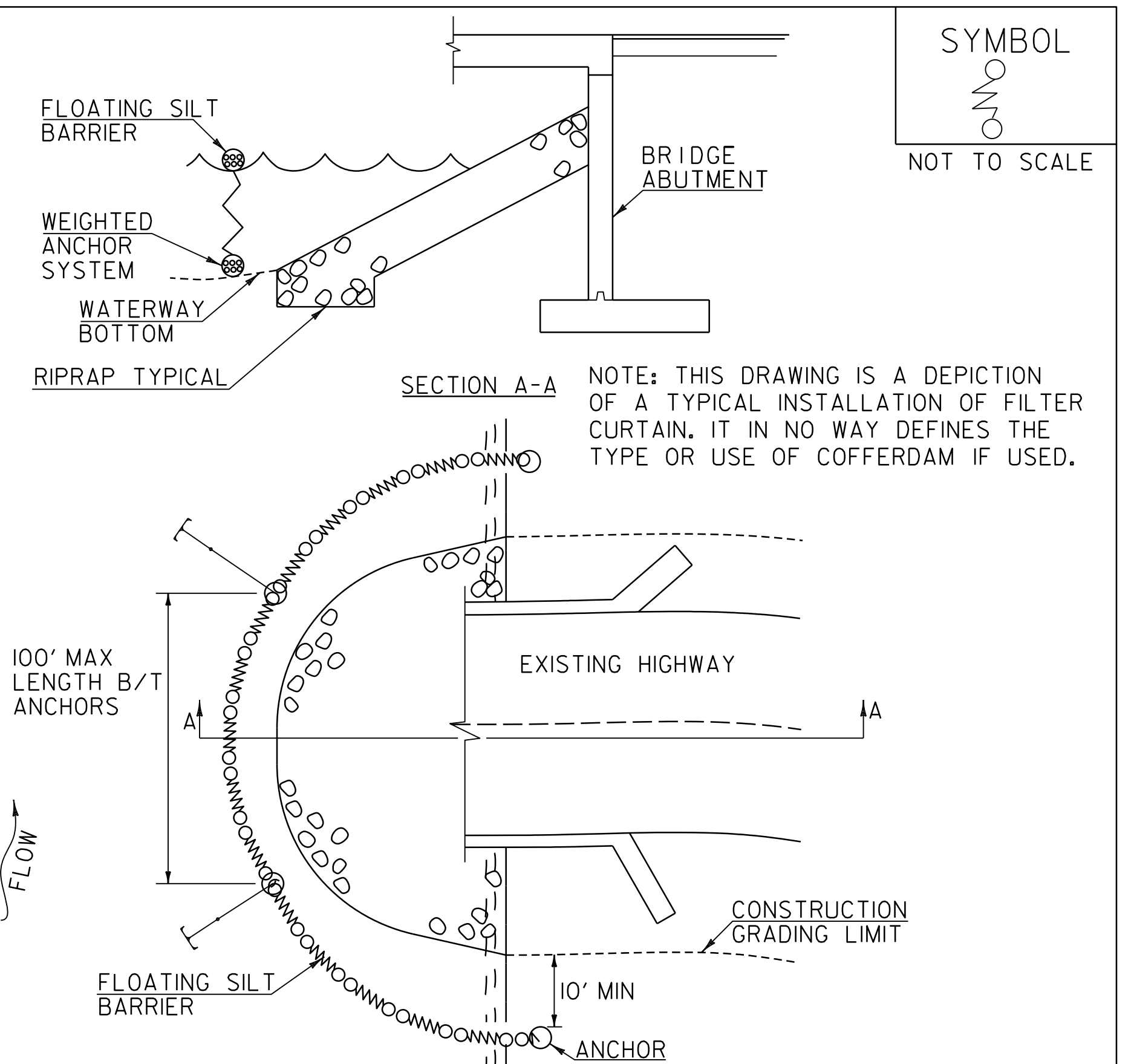
1. THE PRIMARY PURPOSE OF FILTER BAG IS TO RETAIN SILT, SAND, AND FINES DURING DEWATERING OPERATIONS.
2. FILTER BAGS SHALL BE INSTALLED ON A VEGETATED SLOPE GRADED TO ALLOW INCOMING WATER TO FLOW THROUGH THE BAG.
3. FILTER BAGS MAY ALSO BE PLACED ON COARSE AGGREGATE, STONE, OR HAYBALES TO INCREASE FILTRATION EFFICIENCY.
4. FILTER BAGS SHALL BE LOCATED A MINIMUM OF 50' FROM WATERS OF THE STATE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. THE NECK OF THE FILTER BAG SHALL BE STRAPPED TIGHTLY TO THE DISCHARGE HOSE.
6. A FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR ALLOW WATER TO PASS AT A REASONABLE RATE.
7. FILTER BAG SHALL BE DISPOSED OF AS APPROVED IN THE EPSC PLAN OR AS DIRECTED BY THE ENGINEER.

FILTER BAG

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR FILTER BAG (PAY ITEM 653.45) AND AS SPECIFIED IN THE CONTRACT.

REVISIONS	
MARCH 24, 2008	WHF
JANUARY 13, 2009	WHF



CONSTRUCTION SPECIFICATIONS

1. FILTER CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY, OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN 1.5 FEET/SECOND.
2. MAXIMUM 100' LENGTH BETWEEN ANCHORS.
3. LAST SECTION SHALL TERMINATE A MINIMUM OF 10' BEYOND LIMIT OF DISTURBANCE.
4. THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE WHICH ALLOWS THE CURTAIN TO CONFORM TO THE BOTTOM OF THE WATERWAY.
5. THE CURTAIN SHALL BE REMOVED BY SLOWLY PULLING TOWARD THE SHORE MINIMIZING THE ESCAPE OF SEDIMENTS INTO WATERWAY.

FILTER CURTAIN

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 FOR GEOTEXTILE FOR FILTER CURTAIN (PAY ITEM 649.61).

REVISIONS	
APRIL 1, 2008	WHF
JANUARY 13, 2009	WHF
SEPTEMBER 4, 2009	WHF

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: c:\caddlib\pw\tpoulin\nediv\d03100924\12574edbd2023gn
PROJECT LEADER: J. OLUND
DESIGNED BY: P. MCKECHNIE
EPSC DETAILS I

DRAWN BY: P. MCKECHNIE
CHECKED BY: S. SPEAR
SHEET 438 OF 439



WORKING PLANS FOR REFERENCE ONLY

VAOT LOW GROW/FINE FESCUE MIX						
LBS/AC			NAME	LATIN NAME	GERM	PURITY
WEIGHT	BROADCAST	HYDROSEED				
38%	57	95	CREeping RED FESCUE	FESTUCA RUBRA VAR. RUBRA	90%	98%
29%	43.5	72.5	HARD FESCUE	FESTUCA LONGIFOLIA	85%	95%
15%	22.5	37.5	CHEWINGS FESCUE	FESTUCA RUBRA VAR. COMMUTATA	87%	95%
15%	22.5	37.5	ANNUAL RYEGRASS	LOLIUM MULTIFLORUM	90%	95%
3%	4.5	7.5	INERTS			
100%	150	250				

VAOT RURAL AREA MIX						
LBS/AC			NAME	LATIN NAME	GERM	PURITY
WEIGHT	BROADCAST	HYDROSEED				
37.5%	22.5	45	CREeping RED FESCUE	FESTUCA RUBRA VAR. RUBRA	85%	98%
37.5%	22.5	45	TALL FESCUE	FESTUCA ARUNDINACEA	90%	95%
5.0%	3	6	RED TOP	AGROSTIS GIGANTEA	90%	95%
15.0%	9	18	WHITE FIELD CLOVER	TRIFOLIUM REPENS	85%	98%
5.0%	3	6	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	60	120				

GENERAL AMENDMENT GUIDANCE		
FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

CONSTRUCTION GUIDANCE

1. SEED MIX: THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER ON WHICH SEED MIX TO USE.
2. SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
3. ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED PROPOSED FOR USE WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED.
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES **TURF ESTABLISHMENT**

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.15)	REVISIONS
	JANUARY 12, 2015 WHF

VAOT URBAN LAWN MIX						
LBS/AC			NAME	LATIN NAME	GERM	PURITY
WEIGHT	BROADCAST	HYDROSEED				
42.5%	34	68	CREeping RED FESCUE	FESTUCA RUBRA X RUBRA	85%	98%
20.0%	16	32	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	26	52	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	4	8	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	80	160				

GENERAL AMENDMENT GUIDANCE		
FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

CONSTRUCTION GUIDANCE

1. SEED MIX: THE URBAN AREA MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
2. SEED MIX: USE ONLY AS INDICATED IN THE PLANS.
3. SEED MIX: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES **TURF ESTABLISHMENT**

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.15)	REVISIONS
	JANUARY 22, 2015 WHF

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: IM 091-1(83)

FILE NAME: c:\caddlib\pw\tpoulin\nediv\d03100924\12a574ed\0d02dgn
PROJECT LEADER: J. OLUND DRAWN BY: P. MCKECHNIE
DESIGNED BY: P. MCKECHNIE CHECKED BY: S. SPEAR
EPSC DETAILS 2 SHEET 439 OF 439

