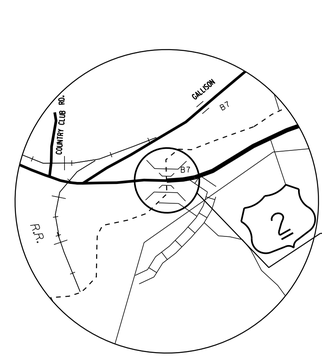
REVIEWERS NOTES:

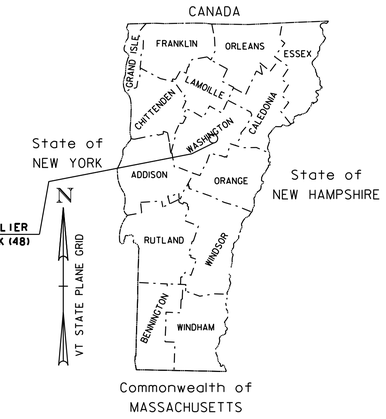
1) THIS PROJECT IS A BRIDGE DECK REPLACEMENT.

2) TRAFFIC WILL BE MAINTAINED ON A TEMPORARY BRIDGE.

3) ROW WILL BE NEED

STATE OF VERMONT
AGENCY OF TRANSPORTATION





PROPOSED IMPROVEMENT
BRIDGE PROJECT

TOWN OF MONTPELIER

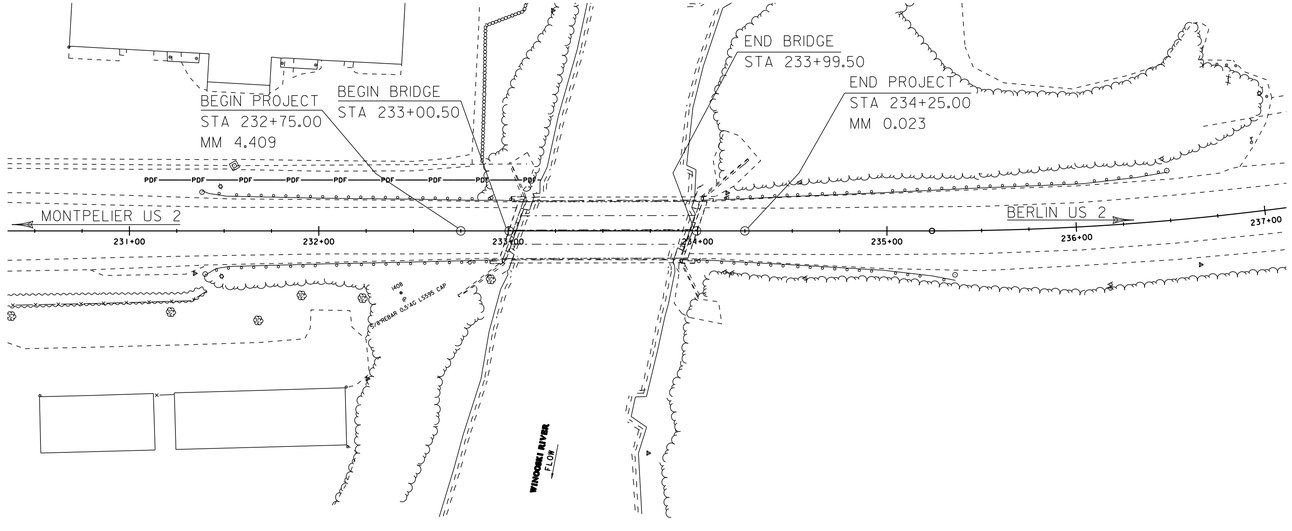
COUNTY OF WASHINGTON

ROUTE NO : US 2 (OTHER PRINCIPAL ARTERIAL) BRIDGE NO : 64

PROJECT LOCATION : ON US 2, BEGINNING AT A POINT APPROXIMATELY 0.50 MILES EAST OF THE INTERSECTION OF US ROUTE 2 AND US ROUTE 302.

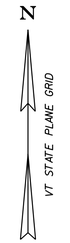
PROJECT DESCRIPTION : REPLACEMENT OF THE EXISTING CONCRETE BRIDGE DECK ALONG WITH ASSOCIATED ROADWAY APPROACH WORK.

LENGTH OF STRUCTURE :	99.00 FEET.
LENGTH OF ROADWAY :	51.00 FEET.
LENGTH OF PROJECT :	150.00 FEET.



40 0 40

SCALE: 1" = 40'-0"



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 :	R. GILMAN
SURVEYED DATE :	01/10/2011
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD-83 (2011)

PRELIMINARY PLANS
01-APR-2020

DIRECTOR OF PROJECT DELIVERY

APPROVED _____ DATE _____

PROJECT MANAGER : JB McCarthy, P.E.

PROJECT NAME : MONTPELIER
PROJECT NUMBER : NH DECK (48)

SHEET 1 OF 23 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PRELIMINARY INFORMATION SHEET (BRIDGE)

Version
LRFD

INDEX OF SHEETS

PLAN SHEETS

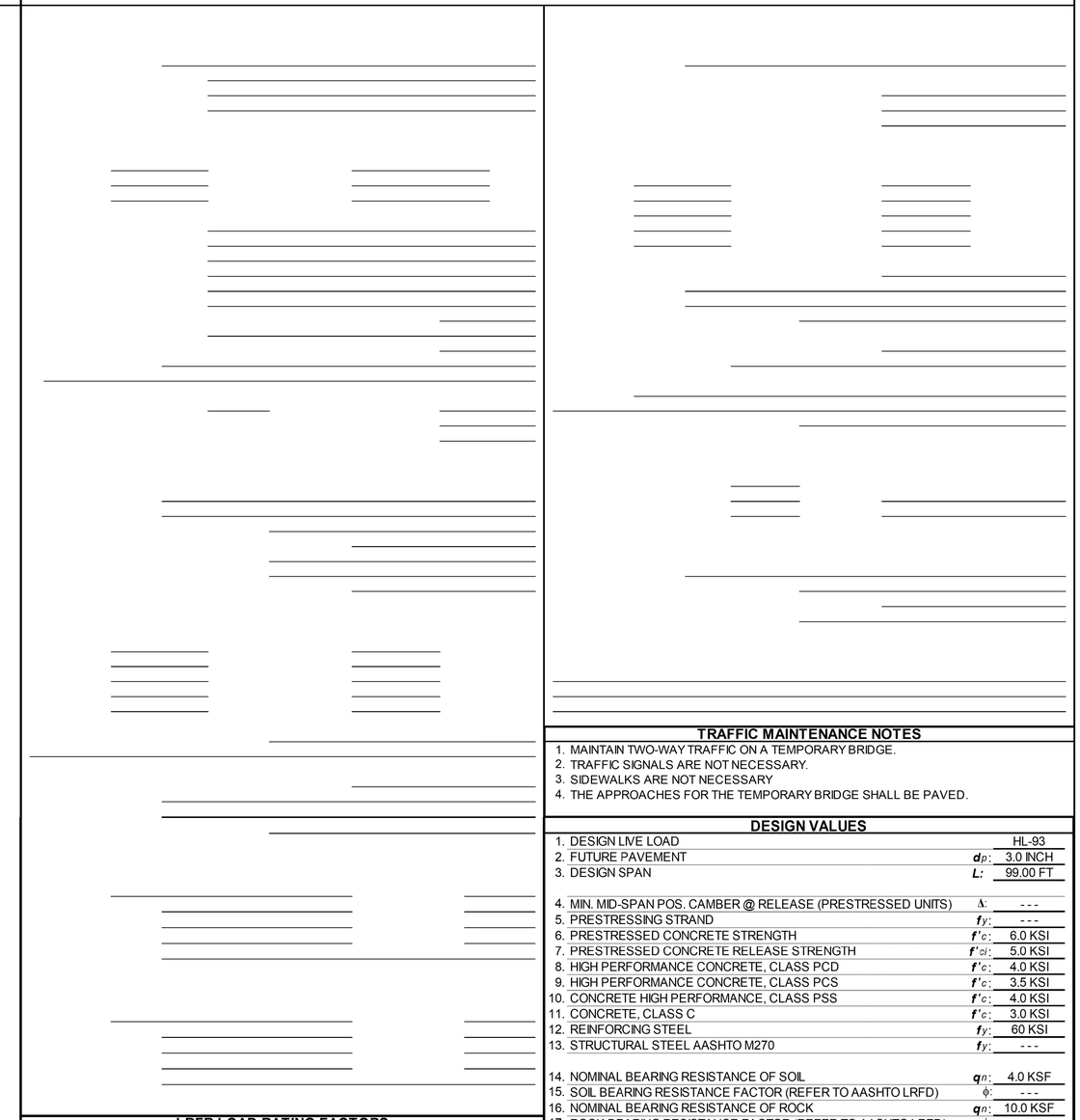
1	TITLE SHEET
2	PRELIMINARY INFORMATION SHEET
3	TYPICAL SECTIONS 1
4	TYPICAL SECTIONS 2
5	CONVENTIONAL SYMBOLOGY LEGEND SHEET
6	TIE SHEET
7	LAYOUT SHEET 1
8	LAYOUT SHEET 2
9	LAYOUT SHEET 3
10	TEMPORARY BRIDGE LAYOUT SHEET
11	RAILING LAYOUT SHEET
12	PROFILE SHEET
13 - 21	MAINLINE CROSS SECTIONS 1-9
22 - 23	CHANNEL SECTIONS 1-2

DETAIL SHEETS

SD-501.00	CONCRETE DETAILS AND NOTES	5/7/2010
SD-502.00	CONCRETE DETAILS AND NOTES	5/7/2010
SD-516.10	BRIDGE JOINT ASHPALTIC PLUG	8/29/2011
SD-601.00	STRUCTURAL STEEL DETAILS AND NOTES	5/7/2010

STANDARDS LIST

FINAL HYDRAULIC REPORT



LRFR LOAD RATING FACTORS

LOADING LEVELS	TRUCK						
	H-20	HL-93	3S2	6 AXLE	3A STR	4A STR	5A SEM
TONNAGE	20	36	36	66	30	34.5	38
INVENTORY							
POSTING							
OPERATING							
COMMENTS:							

TRAFFIC MAINTENANCE NOTES

1. MAINTAIN TWO-WAY TRAFFIC ON A TEMPORARY BRIDGE.
2. TRAFFIC SIGNALS ARE NOT NECESSARY.
3. SIDEWALKS ARE NOT NECESSARY
4. THE APPROACHES FOR THE TEMPORARY BRIDGE SHALL BE PAVED.

DESIGN VALUES

1. DESIGN LIVE LOAD		HL-93
2. FUTURE PAVEMENT	d_p:	3.0 INCH
3. DESIGN SPAN	L:	99.00 FT
4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)	Δ:	---
5. PRESTRESSING STRAND	f_y:	---
6. PRESTRESSED CONCRETE STRENGTH	f'_c:	6.0 KSI
7. PRESTRESSED CONCRETE RELEASE STRENGTH	f'_{ci}:	5.0 KSI
8. HIGH PERFORMANCE CONCRETE, CLASS PCD	f'_c:	4.0 KSI
9. HIGH PERFORMANCE CONCRETE, CLASS PCS	f'_c:	3.5 KSI
10. CONCRETE HIGH PERFORMANCE, CLASS PSS	f'_c:	4.0 KSI
11. CONCRETE, CLASS C	f'_c:	3.0 KSI
12. REINFORCING STEEL	f_y:	60 KSI
13. STRUCTURAL STEEL AASHTO M270	f_y:	---
14. NOMINAL BEARING RESISTANCE OF SOIL	q_n:	4.0 KSF
15. SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ:	---
16. NOMINAL BEARING RESISTANCE OF ROCK	q_n:	10.0 KSF
17. ROCK BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ:	---
18. PILE RESISTANCE FACTOR	ϕ:	---
19. LATERAL PILE DEFLECTION	Δ:	---
20. BASIC WIND SPEED	V_{3s}:	---
21. MINIMUM GROUND SNOW LOAD	p_g:	---
22. SEISMIC DATA PGA: ---	S_s:	---
	S_1:	---
23.		
24.		---
25.		---
26.		---

TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT
2023	9800	1100	63	6.7	850
2043	10700	1200	63	9.1	1300

20 year ESAL for flexible pavement from 2023 to 2043 : 6374000

40 year ESAL for flexible pavement from 2023 to 2063 : 14264000

Design Speed : 40 mph

AS BUILT "REBAR" DETAIL

LEVEL I	LEVEL II	LEVEL III
TYPE:	TYPE:	TYPE:
GRADE:	GRADE:	GRADE:

PROJECT NAME: **MONTPELIER**

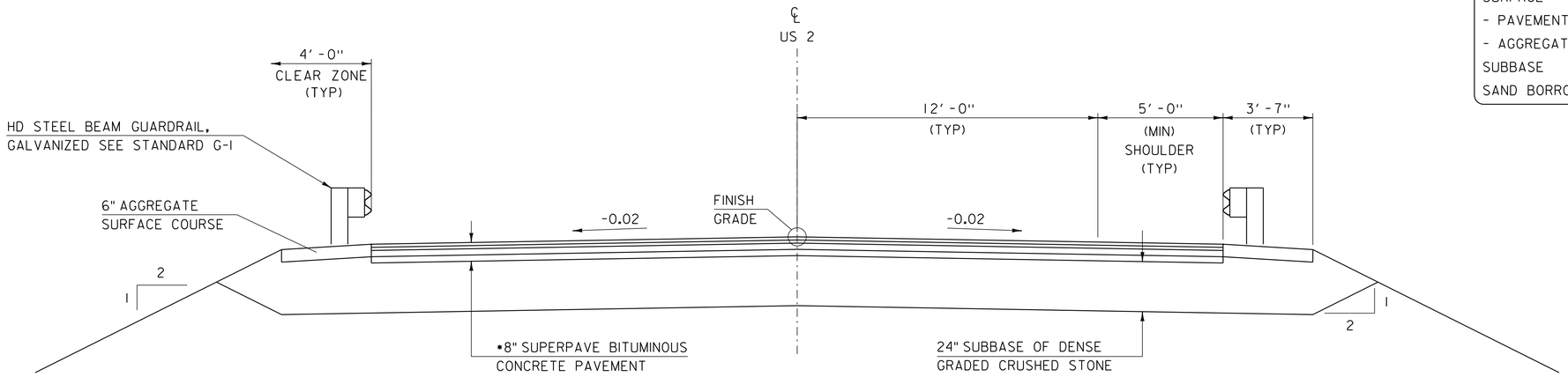
PROJECT NUMBER: **NH DECK(48)**

FILE NAME: **PI Sheet Builder.xls**
PROJECT LEADER: **JB McCARTHY**
DESIGNED BY: **HI SALLS**
PRELIMINARY INFORMATION SHEET 1

PLOT DATE: 1/15/2020
DRAWN BY: **HI SALLS**
CHECKED BY: **P FLAHERTY**

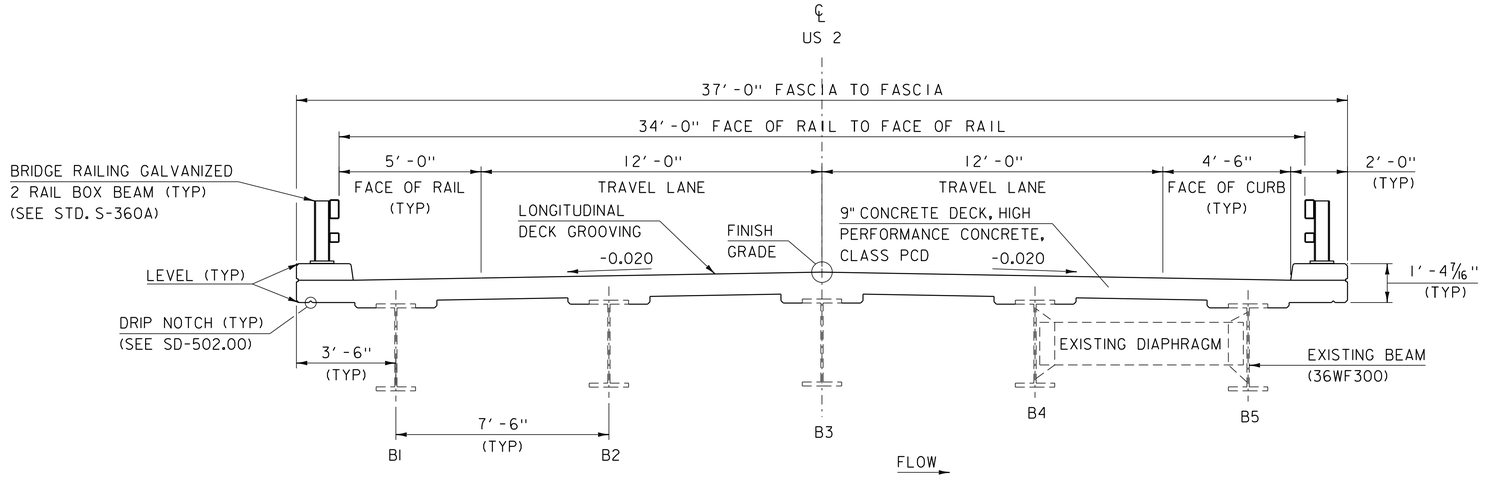
MATERIAL TOLERANCES
(IF USED ON PROJECT)

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



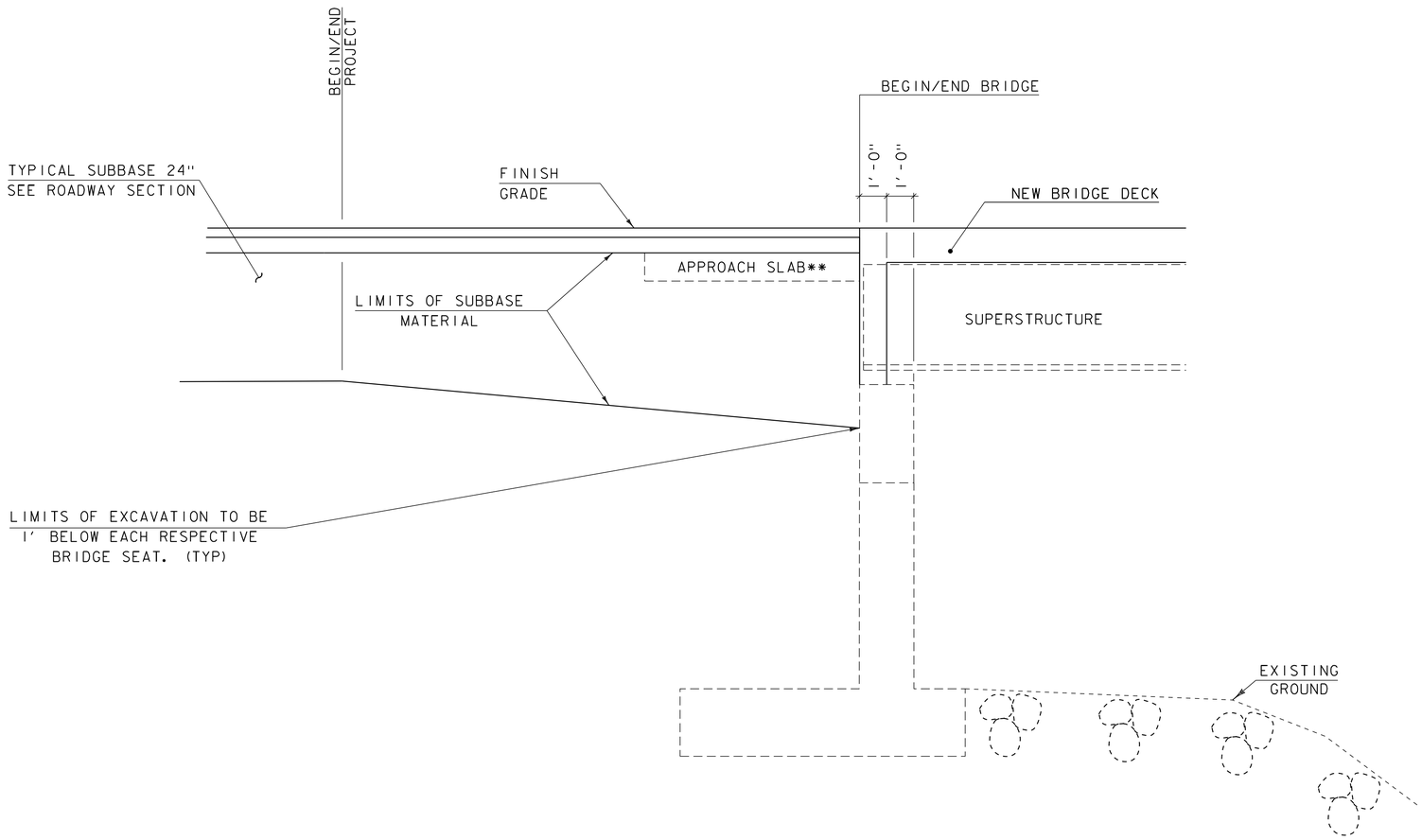
• SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
1½" TYPE IVS OVER
1½" TYPE IVS OVER
2½" TYPE IIS OVER
2½" TYPE IIS

ROADWAY TYPICAL SECTION
SCALE 3/8" = 1'-0"



BRIDGE TYPICAL SECTION
SCALE 3/8" = 1'-0"

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)
FILE NAME: 18J008/s18J008typ.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: JB McCarthy	DRAWN BY: HISALLS
DESIGNED BY: HISALLS	CHECKED BY: P FLAHERTY
TYPICAL SECTIONS	SHEET 3 OF 23



** THE APPROACH SLAB IS TO BE REMOVED UNDER ITEM 529.20 PARTIAL REMOVAL OF STRUCTURE. THE EXACT LOCATION ON THE APPROECH SLAB IS UNKNOW.

ABUTMENT EARTHWORK TYPICAL SECTION

(NOT TO SCALE)

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK (48)
FILE NAME: sl8J008typical.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: JB McCarthy	DRAWN BY: HISALLS
DESIGNED BY: HISALLS	CHECKED BY: P Flaherty
TYPICAL SECTIONS 2	SHEET 4 OF 23

GENERAL INFORMATION

SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY 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. SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

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

POINT	CODE	DESCRIPTION
	BF	BARRIER FENCE
	CH	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	D&C	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	DR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	I&M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	PDF	PROJECT DEMARCATION FENCE
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	R.T.& I.	RIGHT, TITLE, AND INTEREST
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
■	BNDNS	BOUND SET
⧈	BNDNS	BOUND TO BE SET
◎	IPNF	IRON PIN FOUND
●	IPNS	IRON PIN TO BE SET
⊠	CALC	EXISTING ROW POINT
○	PROW	PROPOSED ROW POINT
[LENGTH]		LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT	CODE	DESCRIPTION
	APL	BOUND APPARENT LOCATION
	BM	BENCHMARK
	BND	BOUND
	CB	CATCH BASIN
	COMB	COMBINATION POLE
	DITHR	DROP INLET THROATED DNC
	EL	ELECTRIC POWER POLE
	FPOLE	FLAGPOLE
	GASFIL	GAS FILLER
	GP	GUIDE POST
	GSO	GAS SHUT OFF
	GUY	GUY POLE
	GUYW	GUY WIRE
	GV	GATE VALVE
	H	TREE HARDWOOD
	HCTRL	CONTROL HORIZONTAL
	HVCTRL	CONTROL HORIZ. & VERTICAL
	HYD	HYDRANT
	IP	IRON PIN
	IPIPE	IRON PIPE
	LI	LIGHT - STREET OR YARD
	MB	MAILBOX
	MH	MANHOLE (MH)
	MM	MILE MARKER
	PM	PARKING METER
	PMK	PROJECT MARKER
	POST	POST STONE/WOOD
	RRSIG	RAILROAD SIGNAL
	RRSL	RAILROAD SWITCH LEVER
	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
	SHRUB	SHRUB
	SIGN	SIGN
	STUMP	STUMP
	TEL	TELEPHONE POLE
	TIE	TIE
	TSIGN	SIGN W/DOUBLE POST
	VCTRL	CONTROL VERTICAL
	WELL	WELL
	WSO	WATER SHUT OFF

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

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADIUS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE
CB	CHORD BEARING

UTILITY SYMBOLOGY

UNDERGROUND UTILITIES

- UGU — UTILITY (GENERIC-UNKNOWN)
- UT — TELEPHONE
- UE — ELECTRIC
- UC — CABLE (TV)
- UEC — ELECTRIC+CABLE
- UET — ELECTRIC+TELEPHONE
- UCT — CABLE+TELEPHONE
- UECT — ELECTRIC+CABLE+TELEPHONE
- G — GAS LINE
- W — WATER LINE
- S — SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

- AGU — UTILITY (GENERIC-UNKNOWN)
- T — TELEPHONE
- E — ELECTRIC
- C — CABLE (TV)
- EC — ELECTRIC+CABLE
- ET — ELECTRIC+TELEPHONE
- AER E&T — ELECTRIC+TELEPHONE
- CT — CABLE+TELEPHONE
- ECT — ELECTRIC+CABLE+TELEPHONE
- UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLOGY

PROJECT DESIGN & LAYOUT SYMBOLOGY

- CZ — CLEAR ZONE
- PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

- TOP OF CUT SLOPE
- TOE OF FILL SLOPE
- STONE FILL
- BOTTOM OF DITCH ℄
- CULVERT PROPOSED
- STRUCTURE SUBSURFACE
- PDF — PDF — PROJECT DEMARCATION FENCE
- BF — BF — BARRIER FENCE
- TREE PROTECTION ZONE (TPZ)
- STRIPING LINE REMOVAL
- SHEET PILES

CONVENTIONAL BOUNDARY SYMBOLOGY

BOUNDARY LINES

- TOWN LINE — TOWN BOUNDARY LINE
- COUNTY LINE — COUNTY BOUNDARY LINE
- STATE LINE — STATE BOUNDARY LINE
- PROPOSED STATE R.O.W. (LIMITED ACCESS)
- PROPOSED STATE R.O.W.
- STATE ROW (LIMITED ACCESS)
- STATE ROW
- TOWN ROW
- PERMANENT EASEMENT LINE (P)
- TEMPORARY EASEMENT LINE (T)
- SURVEY LINE
- P/L — PROPERTY LINE (P/L)
- SR SR SR — SLOPE RIGHTS
- 6f — 6f — 6F PROPERTY BOUNDARY
- 4f — 4f — 4F PROPERTY BOUNDARY
- HAZ — HAZ — HAZARDOUS WASTE

EPSC LAYOUT PLAN SYMBOLOGY

EPSC MEASURES

- FILTER CURTAIN
- SILT FENCE
- SILT FENCE WOVEN WIRE
- CHECK DAM
- DISTURBED AREAS REQUIRING RE-VEGETATION
- EROSION MATTING

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLOGY

ENVIRONMENTAL RESOURCES

- WETLAND BOUNDARY
- RIPARIAN BUFFER ZONE
- WETLAND BUFFER ZONE
- SOIL TYPE BOUNDARY
- T&E — THREATENED & ENDANGERED SPECIES
- HAZ — HAZ — HAZARDOUS WASTE AREA
- AG — AGRICULTURAL LAND
- HABITAT — FISH & WILDLIFE HABITAT
- FLOOD PLAIN — FLOOD PLAIN
- OHW — ORDINARY HIGH WATER (OHW)
- STORM WATER
- USDA FOREST SERVICE LANDS
- WILDLIFE HABITAT SUIT/CONN

ARCHEOLOGICAL & HISTORIC

- ARCH — ARCHEOLOGICAL BOUNDARY
- HISTORIC DIST — HISTORIC DISTRICT BOUNDARY
- HISTORIC — HISTORIC AREA
- (H) HISTORIC STRUCTURE

CONVENTIONAL TOPOGRAPHIC SYMBOLOGY

EXISTING FEATURES

- ROAD EDGE PAVEMENT
- ROAD EDGE GRAVEL
- DRIVEWAY EDGE
- DITCH
- FOUNDATION
- FENCE (EXISTING)
- FENCE WOOD POST
- FENCE STEEL POST
- GARDEN
- ROAD GUARDRAIL
- RAILROAD TRACKS
- CULVERT (EXISTING)
- STONE WALL
- WALL
- WOOD LINE
- BRUSH LINE
- HEDGE
- BODY OF WATER EDGE
- LEDGE EXPOSED

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: s18J008legend.dgn
PROJECT LEADER: JB McCarthy
DESIGNED BY: HI SALLS
CONVENTIONAL SYMBOLOGY LEGEND SHEET

PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: HI. SALLS
SHEET 5 OF 23

GPS CONTROL POINTS

VERMONT CAPITAL CORS ARP

PID AF9563
N = 642229.414
E = 1618836.277
ELLIP HEIGHT = 526.702

STATION IS A GPS CONTINOUSLY OPERATING REFERENCE STATION. STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA. THE ANTENNA IS MOUNTED ON THE ROOF OF 133 STATE STREET IN MONTPELIER, VERMONT. OWNERSHIP: VERMONT AGENCY OF TRANSPORTATION, 1 NATIONAL LIFE DRIVE, DRAWER 33, MONTPELIER, VT 05633. CONTACT: DANIEL MARTIN.

U 23 (VSE #1)

PID PG0263
N = 635723.387
E = 1628177.783
ELEV = 550.192

RECOVERY NOTE BY VERMONT AGENCY OF TRANSPORTATION 1993. GENERAL LOCATION - MONTPELIER. TO REACH FROM THE INTERSECTION OF U.S. ROUTES 2 AND 302 IN MONTPELIER, GO EAST ALONG U.S. ROUTE 2 FOR 0.2 MI (0.3 KM) TO THE INTERSECTION OF COUNTRY CLUB ROAD ON THE LEFT. TURN LEFT AND GO NORTHEAST ALONG COUNTRY CLUB ROAD FOR 35 M (114.8 FT) TO A RAILROAD TRACK CROSSING AND SITE OF MARK ON THE LEFT. THE STATION IS LOCATED 35.7 M (117.1 FT) NORTHEAST OF THE CENTERLINE OF U.S. ROUTE 2, 8.3 M (27.2 FT) NORTHWEST OF THE CENTERLINE OF COUNTRY CLUB ROAD, 4.2 M (13.8 FT) NORTHEAST OF THE NORTHEAST RAIL, 14.3 M (46.9 FT) NORTHWEST OF POLE NUMBER 30/1/1, 0.3M NORTHWEST OF A FIBERGLASS WITNESS POST.

RWT 18 RESET

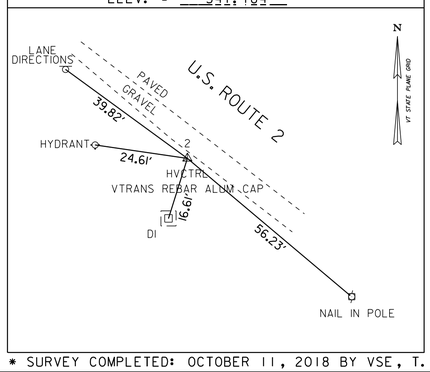
PID PG2703
N = 634959.020
E = 1629020.302
ELEV = 554.218

DESCRIBED BY VERMONT AGENCY OF TRANSPORTATION 1993. GENERAL LOCATION - MONTPELIER. TO REACH FROM THE INTERSECTION OF U.S. ROUTES 2 AND 302 IN MONTPELIER, GO EAST ALONG U.S. ROUTE 2 FOR 0.475 MI (0.764 KM) TO BRIDGE NUMBER 64/2 OVER THE WINOOSKI RIVER, 100 FT (30.5 M) WEST ALONG U.S. ROUTE 2 FROM THE MONTPELIER/BERLIN TOWNLINE, AND THE MARK SET ON THE SOUTHWEST CORNER OF THE BRIDGE.

TRAVERSE TIES

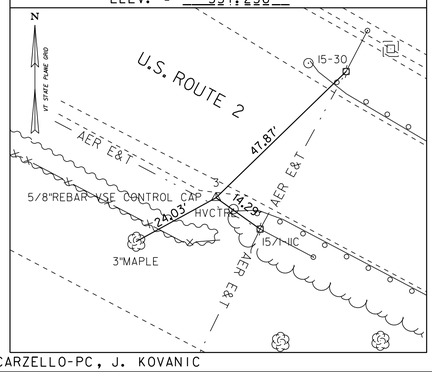
HVCTRL #2

NORTH = 635339.148
EAST = 1628348.735
ELEV. = 547.184



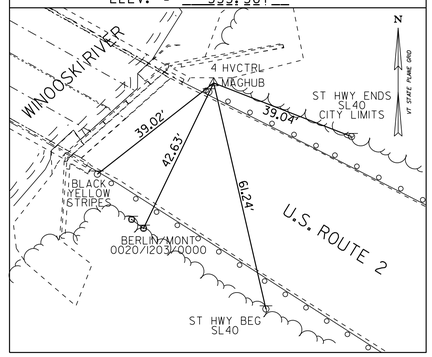
HVCTRL #3

NORTH = 635030.786
EAST = 1628881.198
ELEV. = 551.236



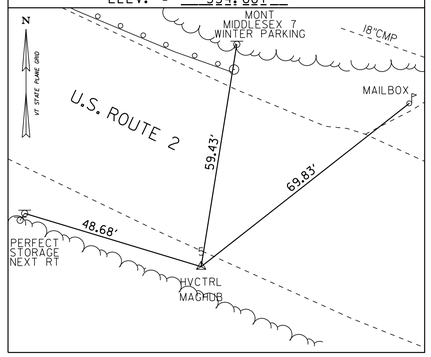
HVCTRL #4

NORTH = 634930.064
EAST = 1629147.109
ELEV. = 553.361



HVCTRL #5

NORTH = 634774.509
EAST = 1629346.520
ELEV. = 554.687



_____

NORTH = _____
EAST = _____
ELEV. = _____

* SURVEY COMPLETED: OCTOBER 11, 2018 BY VSE, T. SCARZELLO-PC, J. KOVANIC

ALIGNMENT TIES

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

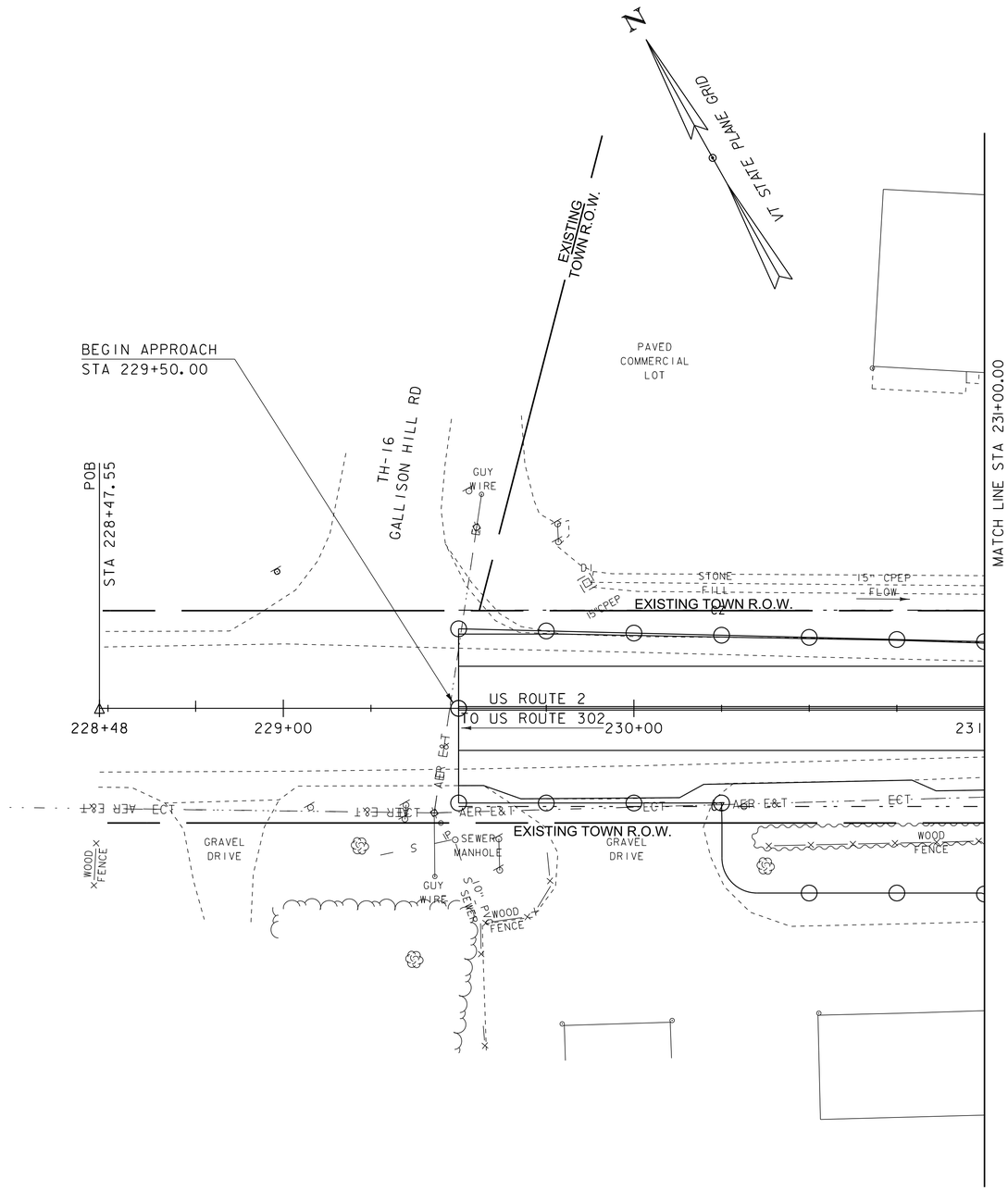
DATUM

VERTICAL NAVD88
HORIZONTAL NAD83(2011)
ADJUSTMENT LSQ

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: s18j008tie.dgn
PROJECT LEADER: HI SALLS
DESIGNED BY: HI SALLS
TIE SHEET

PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: HI SALLS
SHEET 6 OF 23



EXISTING BRIDGE INFORMATION
BUILT 1961, 99' LENGTH
SINGLE SPAN ROLLED BEAM
CONCRETE DECK

LAYOUT 1

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

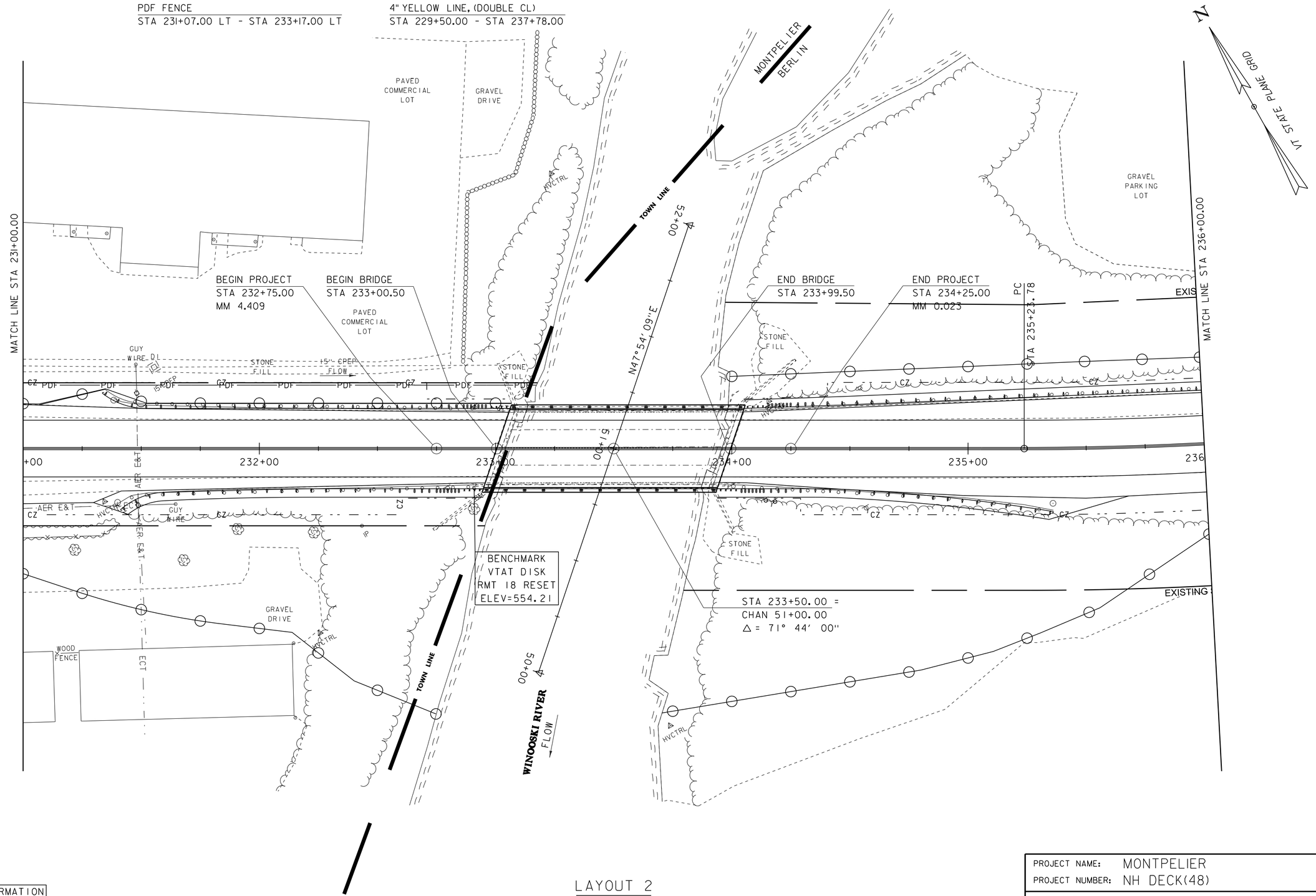
PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)
FILE NAME: 18J008/s18J008border.dgn	**PLOT DATE:** 01-APR-2020
PROJECT LEADER: JB McCarthy	**DRAWN BY:** HISALLS
DESIGNED BY: HISALLS	**CHECKED BY:** P FLAHERTY
LAYOUT SHEET 1	**SHEET** 7 **OF** 23

REMOVING AND RESETTING FENCE
STA 230+37.00 RT - STA 231+41.00 RT

PDF FENCE
STA 231+07.00 LT - STA 233+17.00 LT

4" WHITE LINE
STA 229+50.00 LT - STA 237+78.00 LT
STA 229+50.00 RT - STA 237+78.00 RT

4" YELLOW LINE, (DOUBLE CL)
STA 229+50.00 - STA 237+78.00

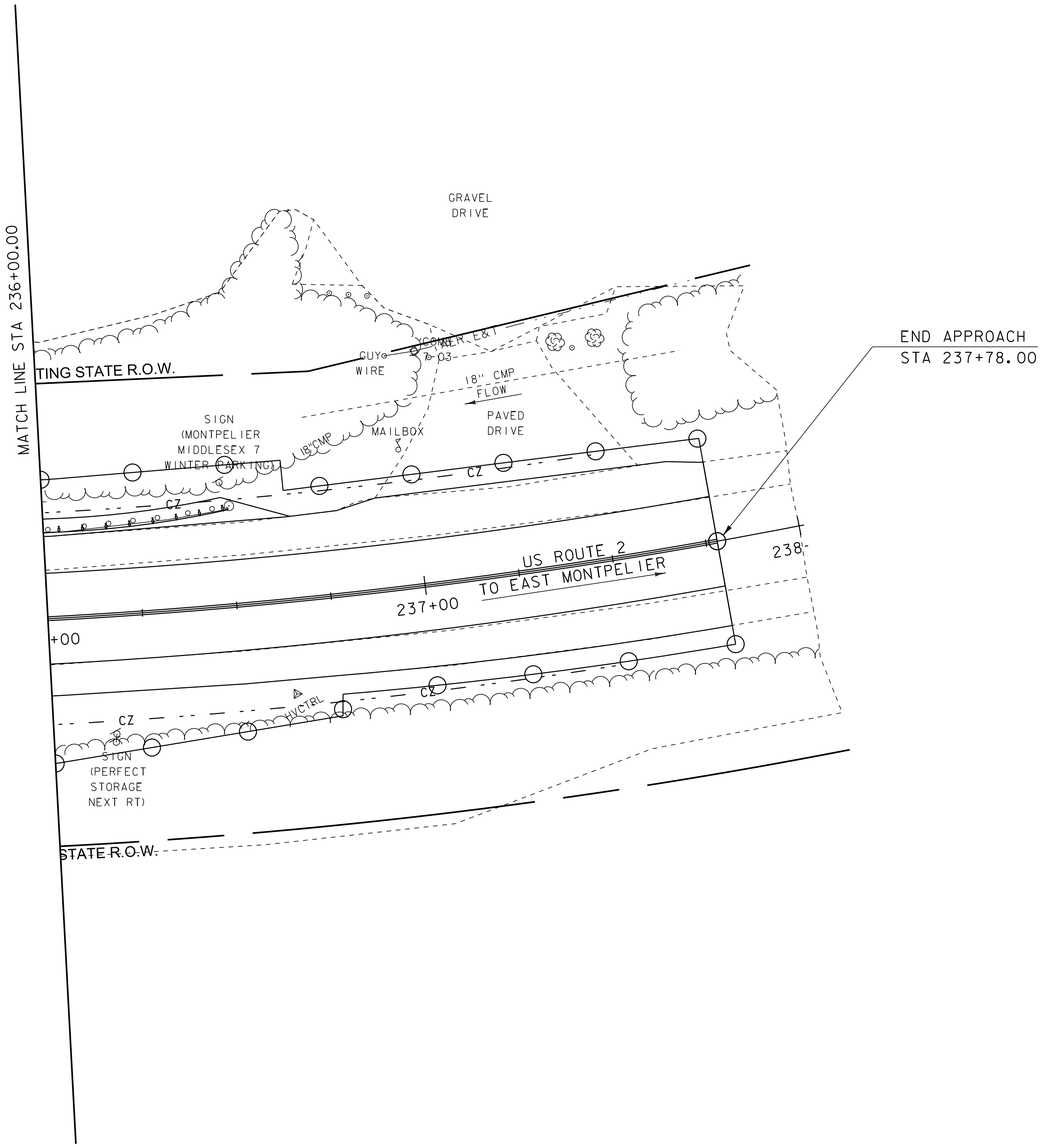


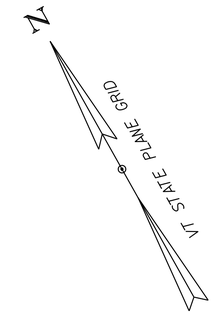
EXISTING BRIDGE INFORMATION
BUILT 1961, 99' LENGTH
SINGLE SPAN ROLLED BEAM
CONCRETE DECK

LAYOUT 2

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

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)
FILE NAME: I8J008/sI8J008border.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: JB McCarthy	DRAWN BY: HISALLS
DESIGNED BY: HISALLS	CHECKED BY: P FLAHERTY
LAYOUT SHEET 2	SHEET 8 OF 23





EXISTING BRIDGE INFORMATION
BUILT 1961, 99' LENGTH
SINGLE SPAN ROLLED BEAM
CONCRETE DECK

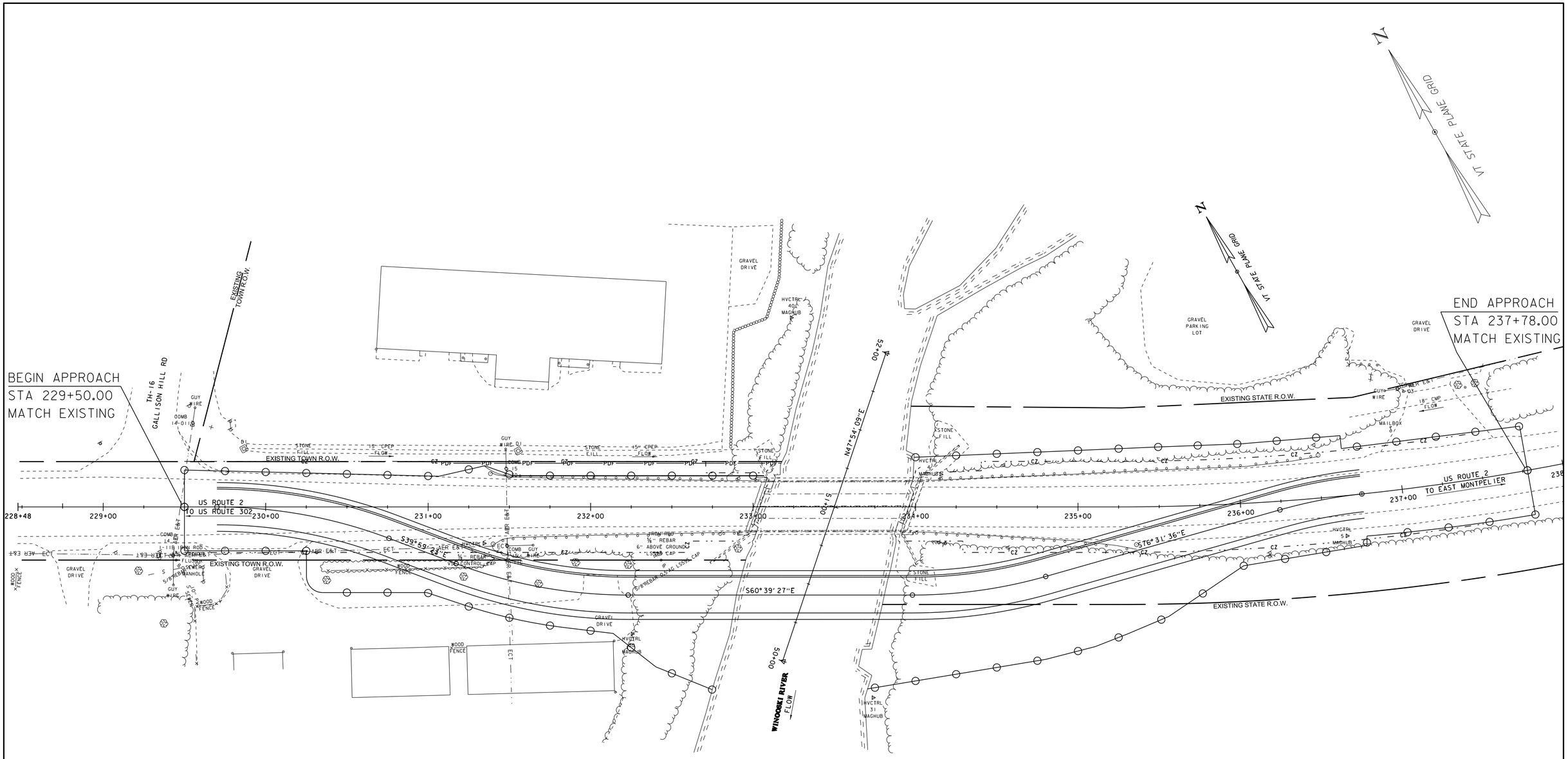
LAYOUT 3

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

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: 18J008/s18J008border.dgn
PROJECT LEADER: JB McCarthy
DESIGNED BY: HISALLS
LAYOUT SHEET 3

PLOT DATE: 01-APR-2020
DRAWN BY: HISALLS
CHECKED BY: P FLAHERTY
SHEET 9 **OF** 23



EXISTING BRIDGE INFORMATION
BUILT 1961, 99' LENGTH
SINGLE SPAN ROLLED BEAM
CONCRETE DECK

TEMPORARY BRIDGE LAYOUT

SCALE 1" = 30'-0"
30 0 30

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)
FILE NAME: 18J008/s18J008border.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: JB McCarthy	DRAWN BY: HI SALLS
DESIGNED BY: HI SALLS	CHECKED BY: P FLAHERTY
TEMPORAY BRIDGE LAYOUT SHEET	SHEET 10 OF 23

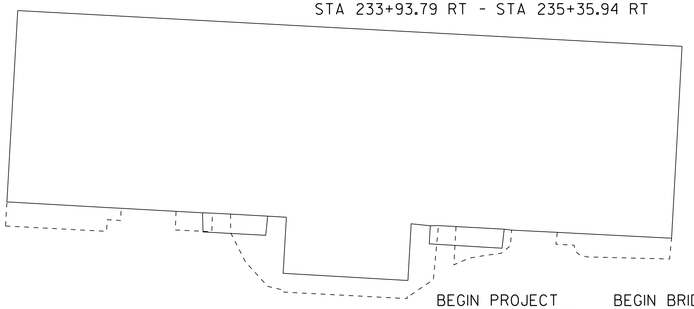
STEAL BEAM GUARDRAIL, GALVANIZED
STA 231+34.57 LT - STA 232+70.87 LT
STA 231+42.22 RT - STA 232+59.46 RT
STA 234+40.52 LT - STA 236+48.56 LT
STA 234+29.13 RT - STA 235+34.74 RT

BRIDGE RAILING GALVANIZED 2 RAIL BOX BEAM
STA 233+06.21LT - STA 234+05.21LT
STA 232+94.79 RT - STA 233+93.79 RT

GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX BEAM
STA 232+70.87 LT - STA 233+06.21LT
STA 232+59.46 RT - STA 232+94.79 RT
STA 234+05.21LT - STA 234+40.52 LT
STA 233+93.79 RT - STA 234+22.83 RT

REMOVE AND DISPOSAL OF GUARDRAIL
STA 231+38.41LT - STA 233+06.21LT
STA 231+40.01RT - STA 232+94.79 RT
STA 234+05.21LT - STA 236+50.12 LT
STA 233+93.79 RT - STA 235+35.94 RT

CAST IN-PLACE CONCRETE CURB, TYPE B
STA 232+66.21LT - STA 233+06.21LT
STA 232+54.79 RT - STA 232+94.79 RT
STA 234+05.21LT - STA 234+45.21LT
STA 233+93.79 RT - STA 234+33.79 RT

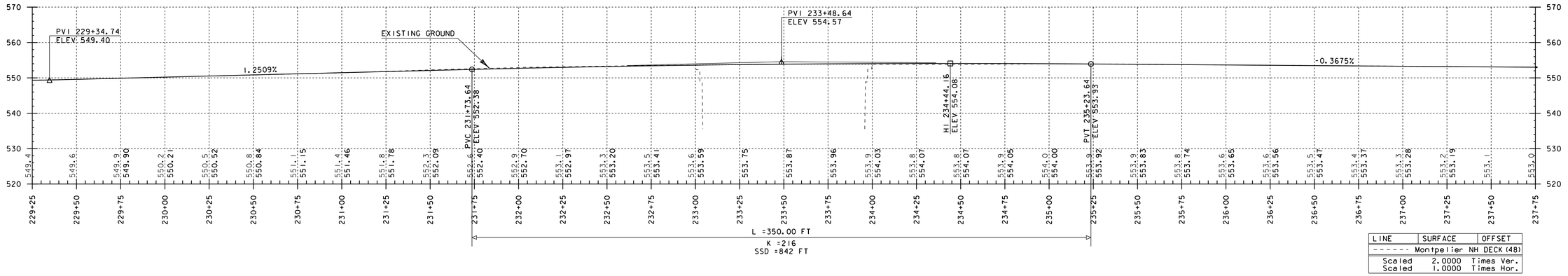


EXISTING BRIDGE INFORMATION
BUILT 1961, 99' LENGTH
SINGLE SPAN ROLLED BEAM
CONCRETE DECK

RAILING LAYOUT

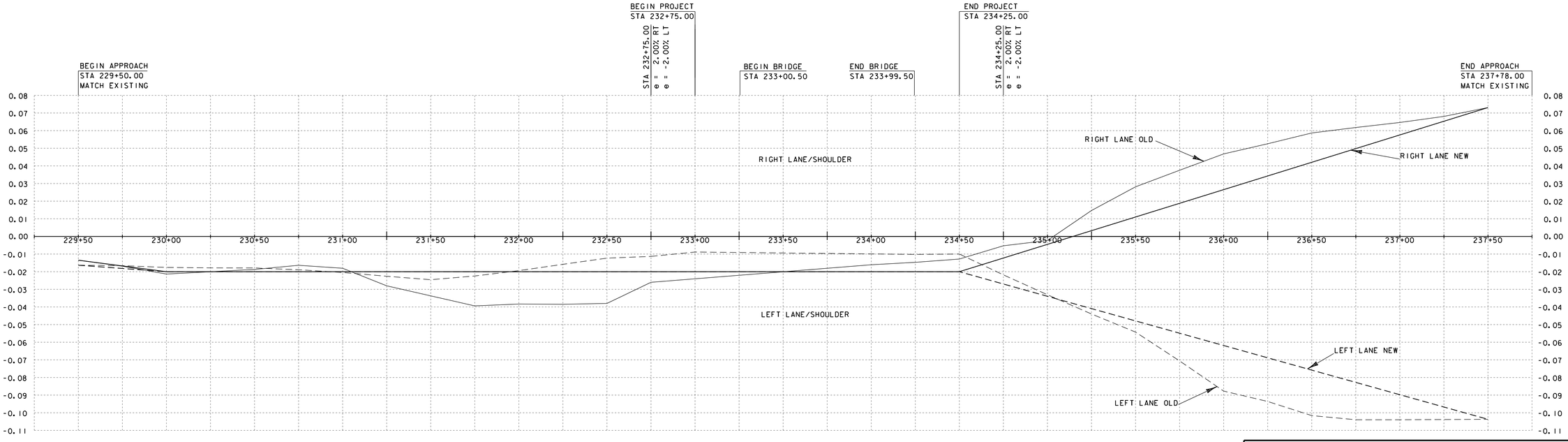
SCALE 1" = 20'-0"
20 0 20

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)
FILE NAME: 18J008/s18J008rail.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: J.B.MCCARTHY	DRAWN BY: HISALLS
DESIGNED BY: HISALLS	CHECKED BY: P Flaherty
RAILING LAYOUT SHEET	SHEET 11 OF 23



US ROUTE 2 PROFILE

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



BANKING DIAGRAM

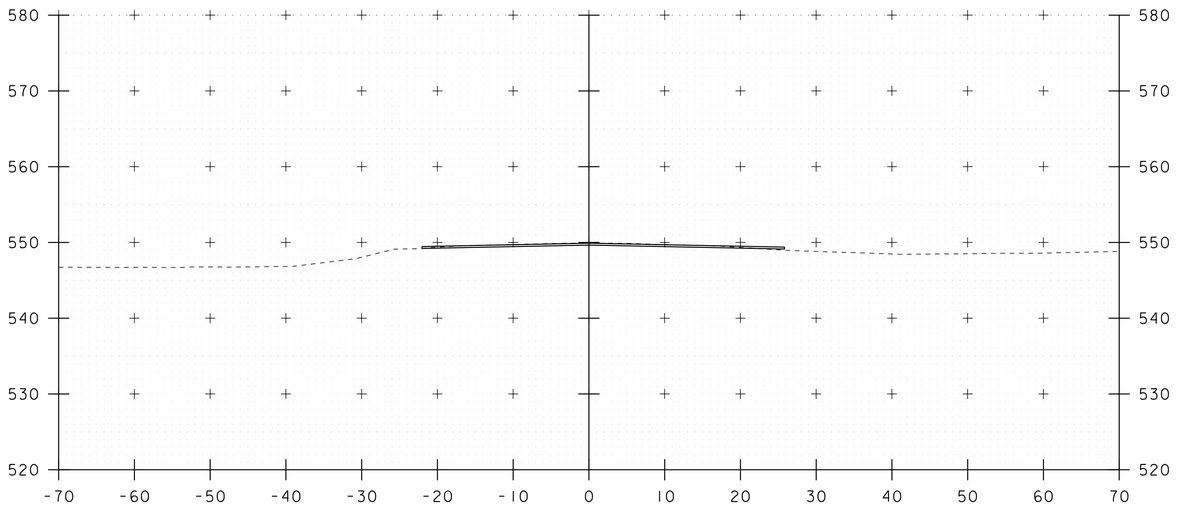
HORIZONTAL SCALE: 1" = 20'-0"
NO VERTICAL SCALE

NOTE:
GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND ALONG ℄
GRADES SHOWN TO THE NEAREST HUNDREDTH ARE FINISH GRADE ALONG ℄

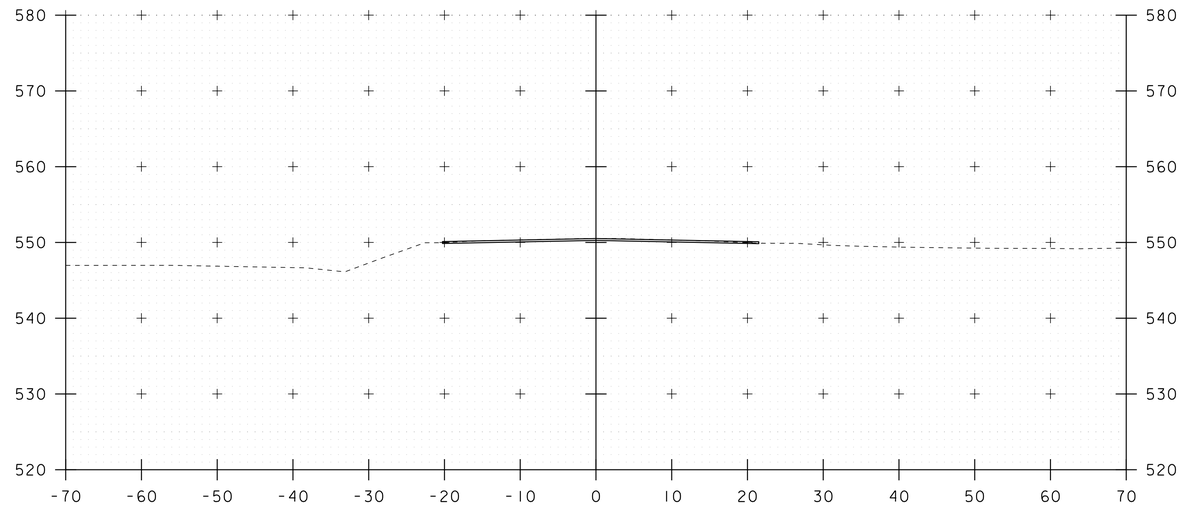
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: 18J008/sl8J008profile.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HISALLS
PROFILE SHEET

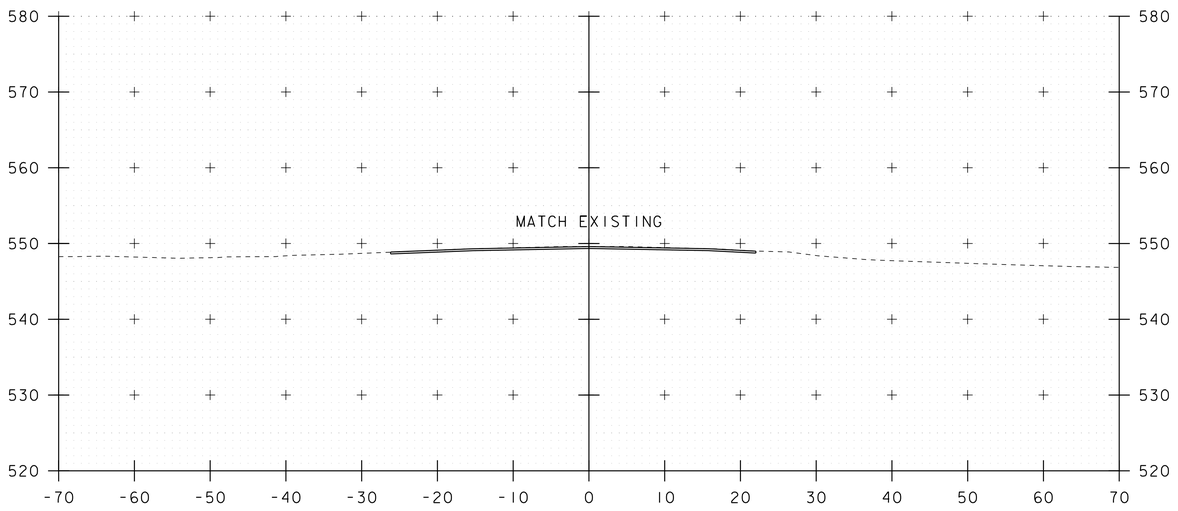
PLOT DATE: 01-APR-2020
DRAWN BY: HISALLS
CHECKED BY: G.SWEENY
SHEET 12 OF 23



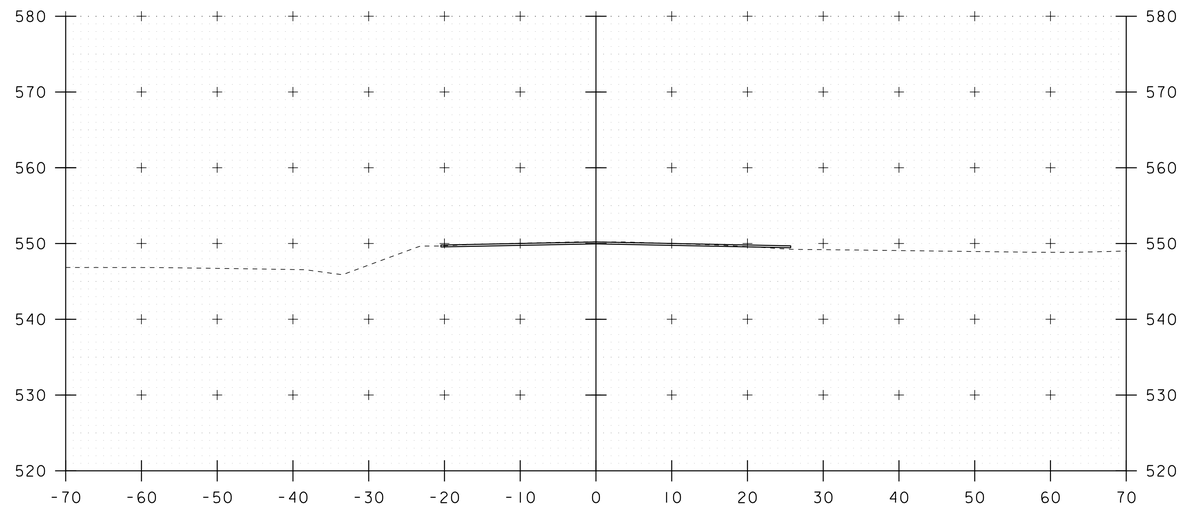
229+75



230+25



229+50

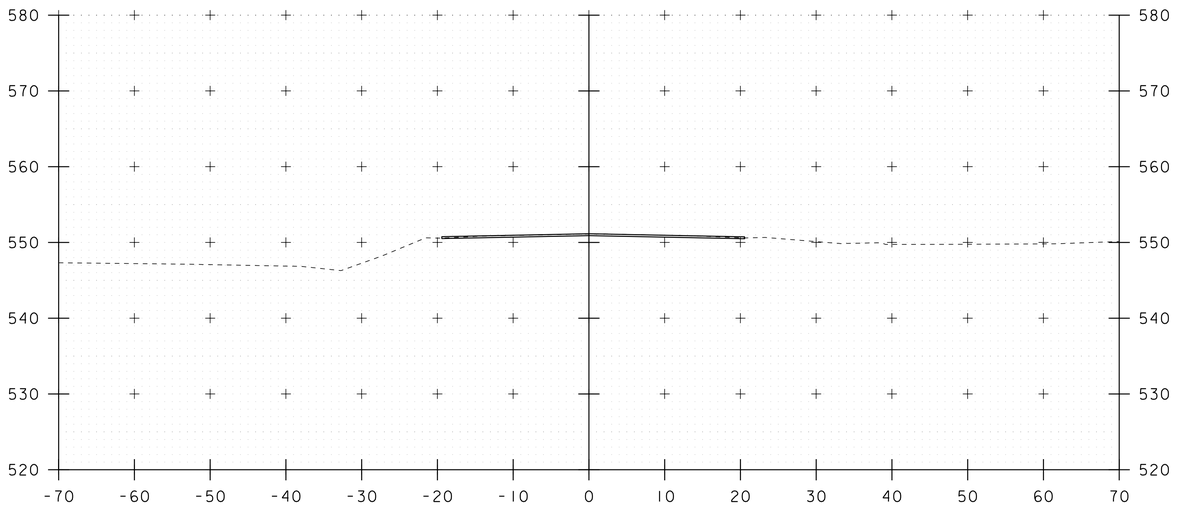


230+00

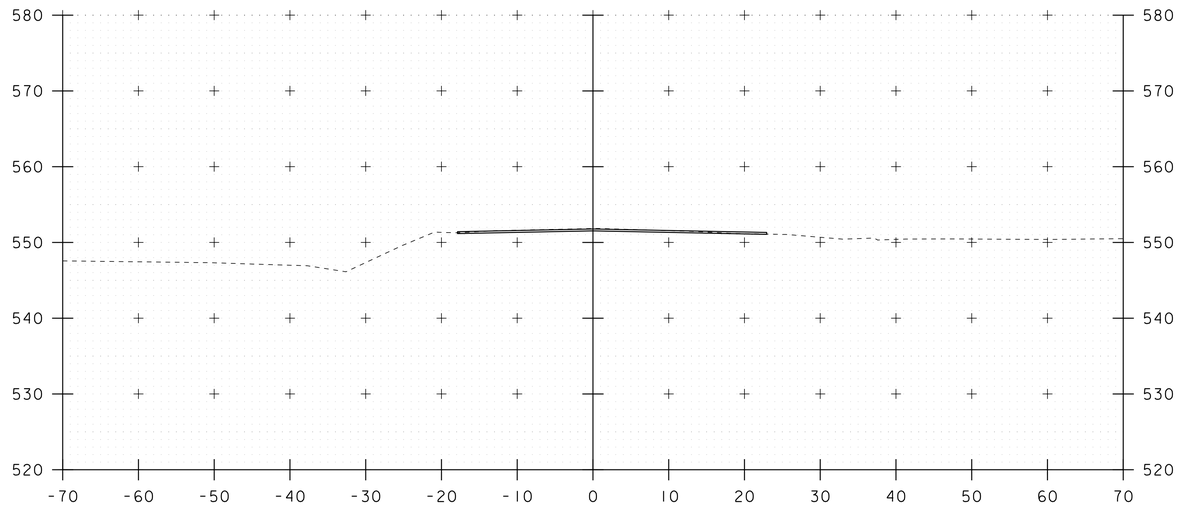
PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: J.B.MCCARTHY	DRAWN BY: HI SALLS
DESIGNED BY: HI SALLS	CHECKED BY: G.SWEENY
MAINLINE CROSS SECTIONS I	SHEET 13 OF 23

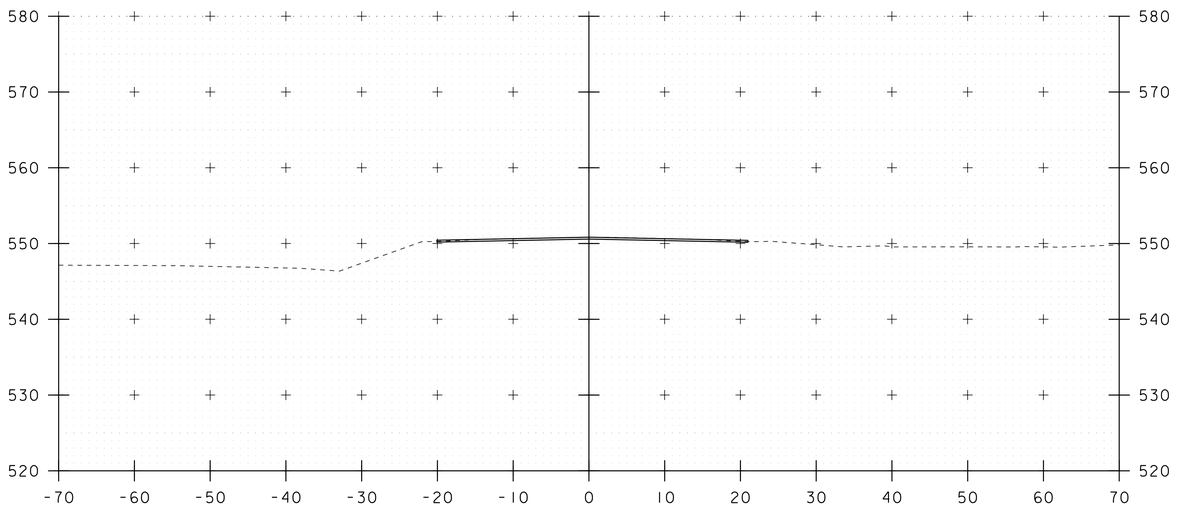
STA. 229+50 TO STA. 230+25



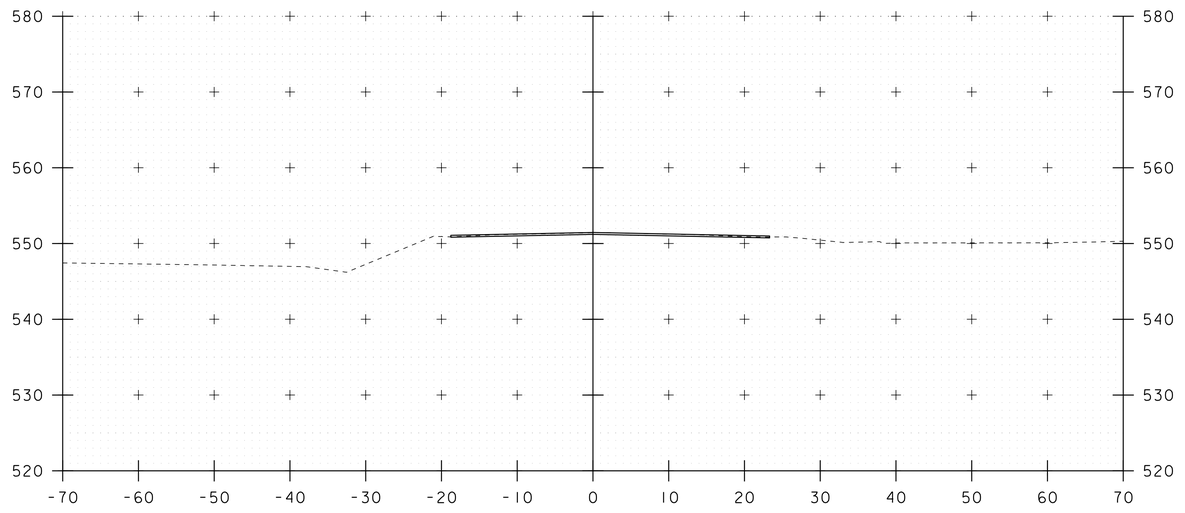
230+75



231+25



230+50



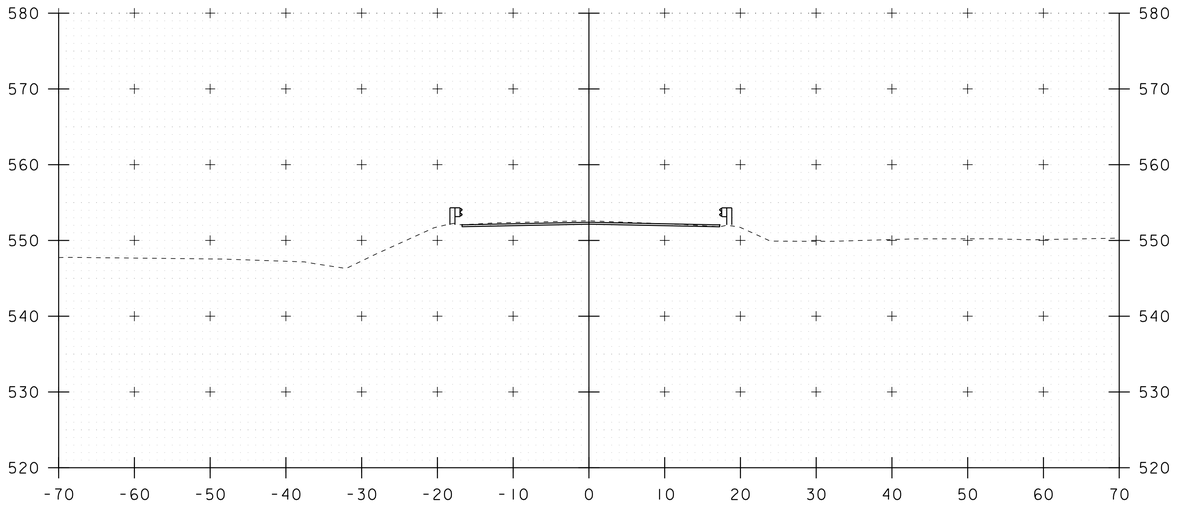
231+00

STA. 230+50 TO STA. 231+25

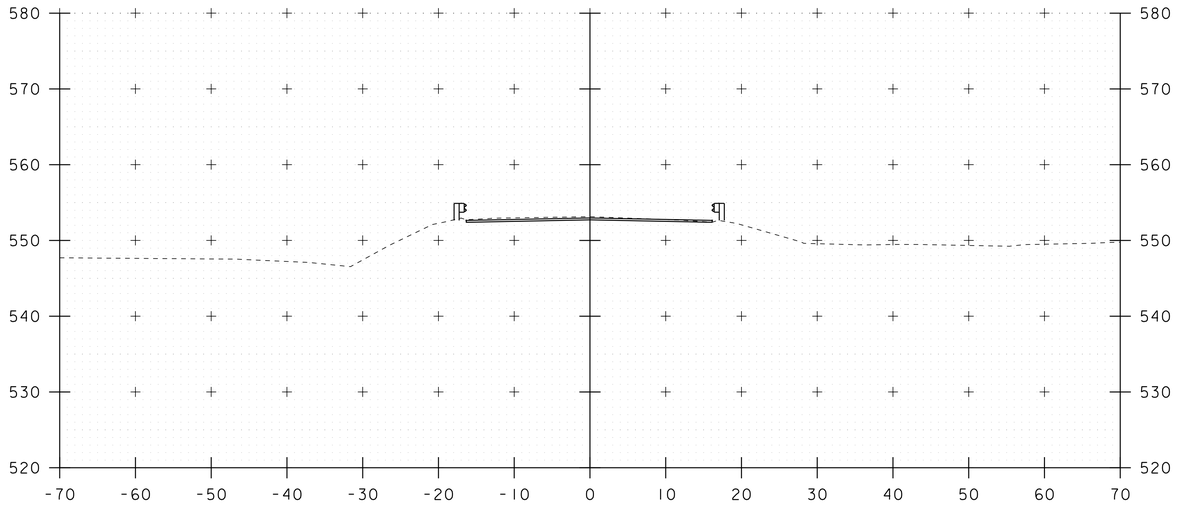
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 2

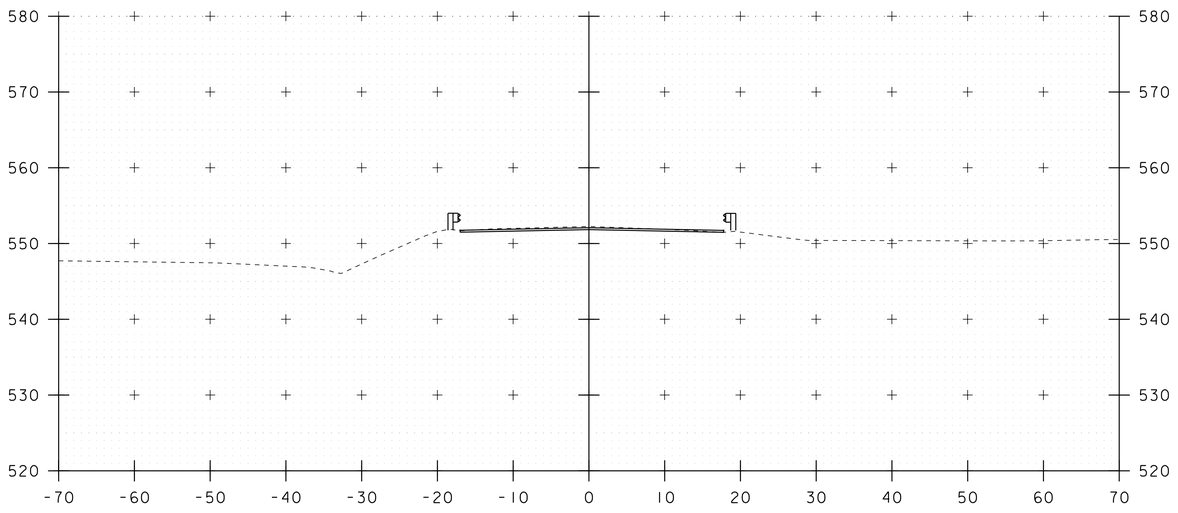
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 14 OF 23



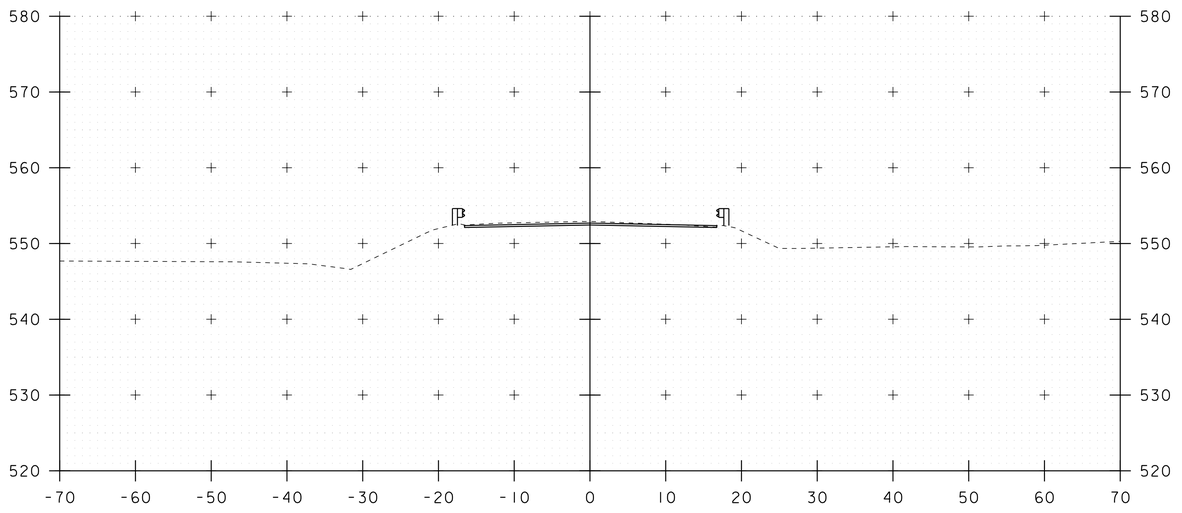
231+75



232+25



231+50



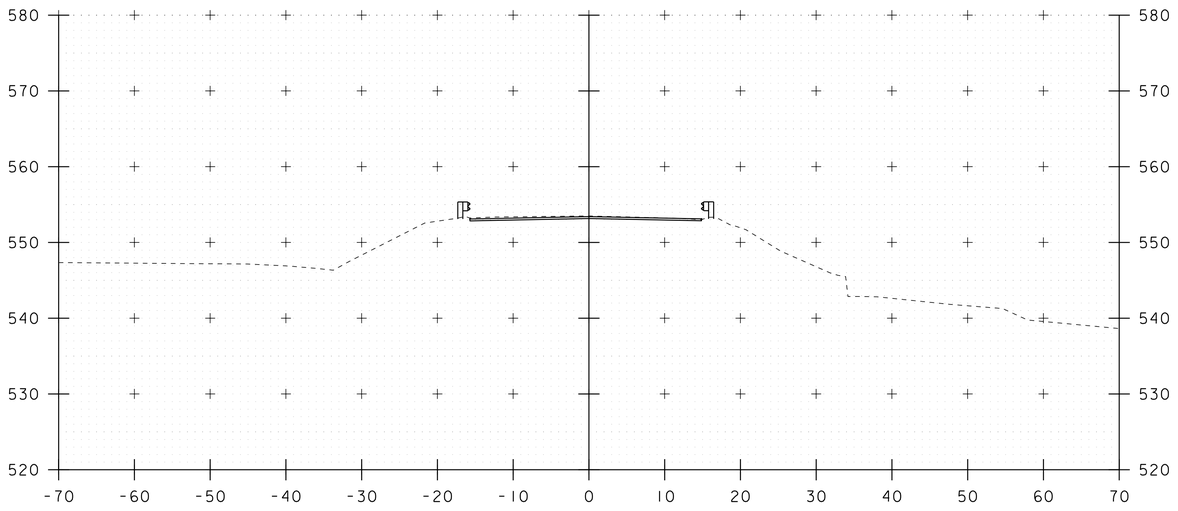
232+00

STA. 231+50 TO STA. 232+25

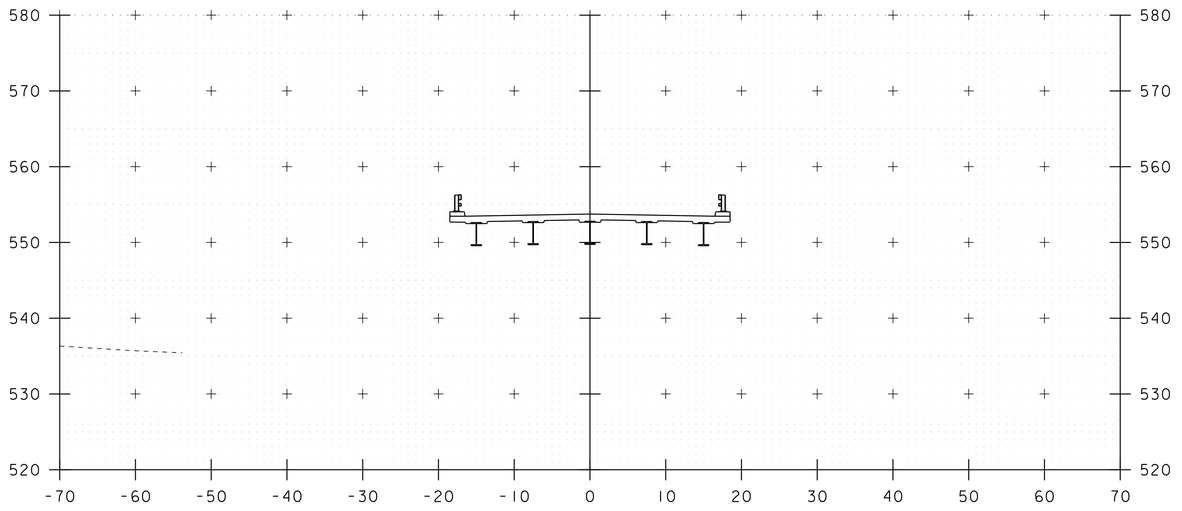
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 3

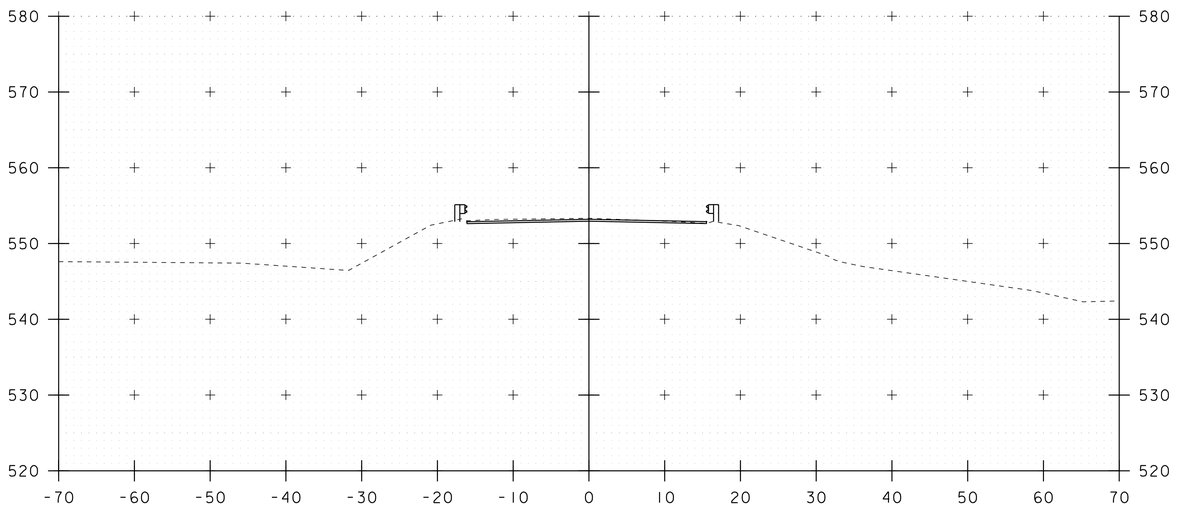
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 15 OF 23



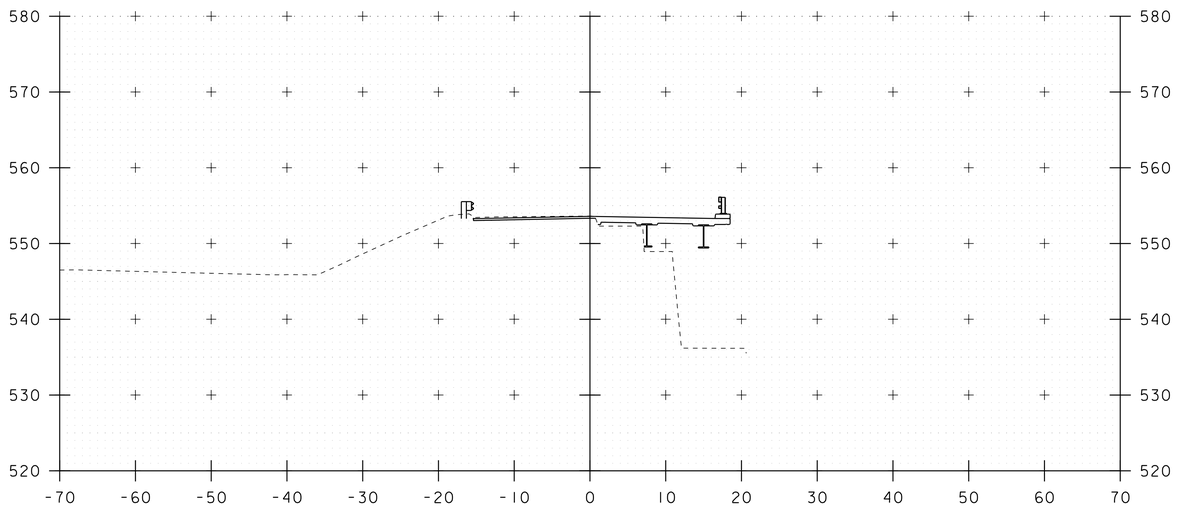
232+75



233+25



232+50



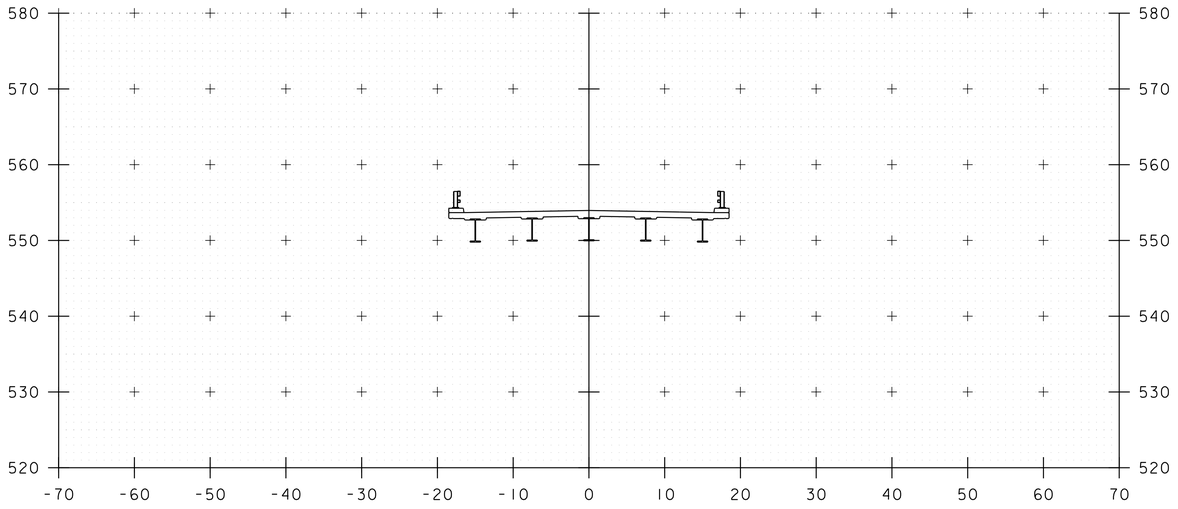
233+00

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

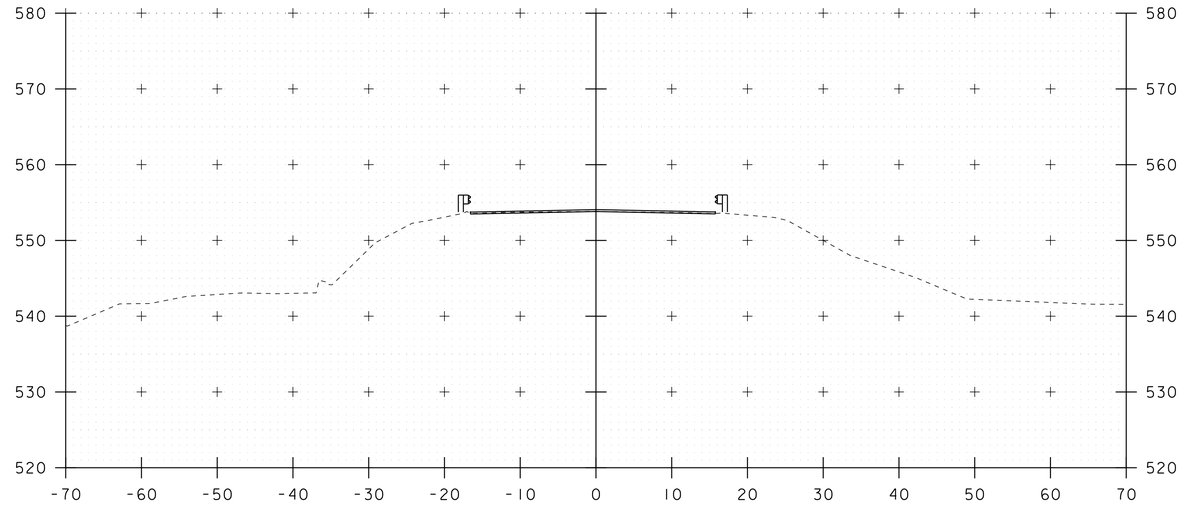
FILE NAME: 18J008/s18J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 4

PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 16 OF 23

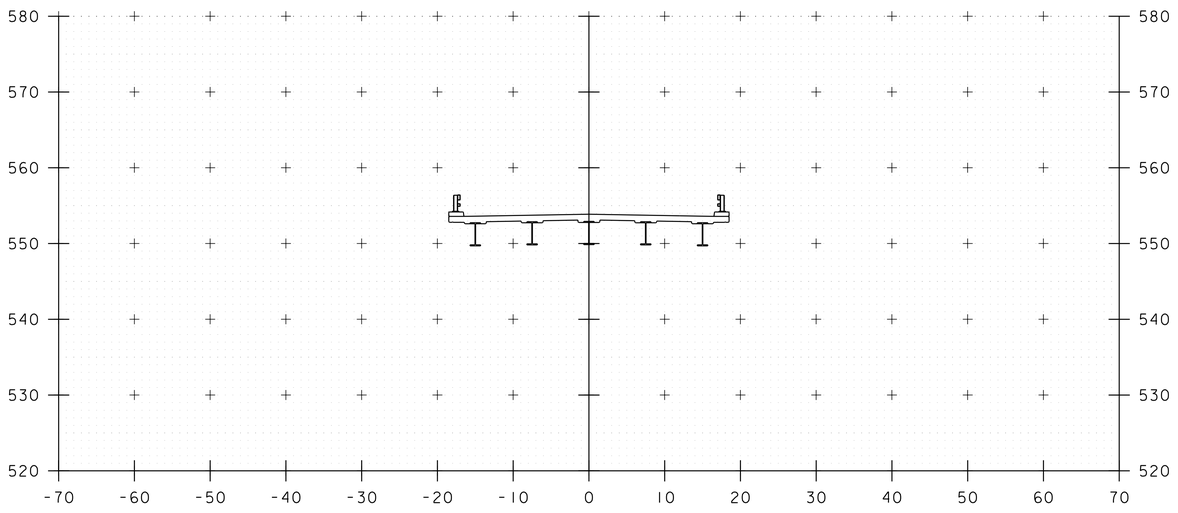
STA. 232+50 TO STA. 233+25



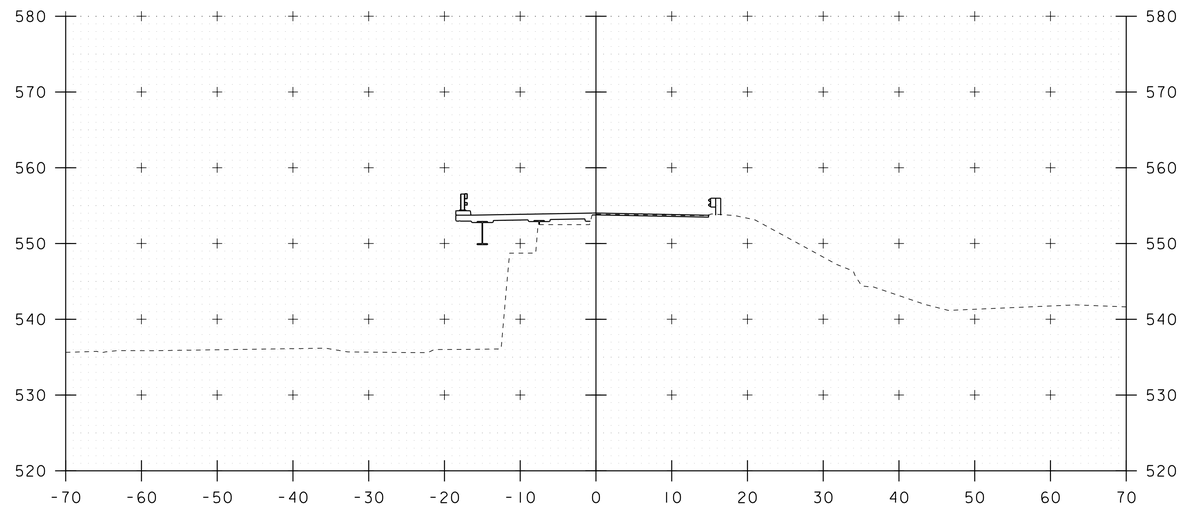
233+75



234+25



233+50



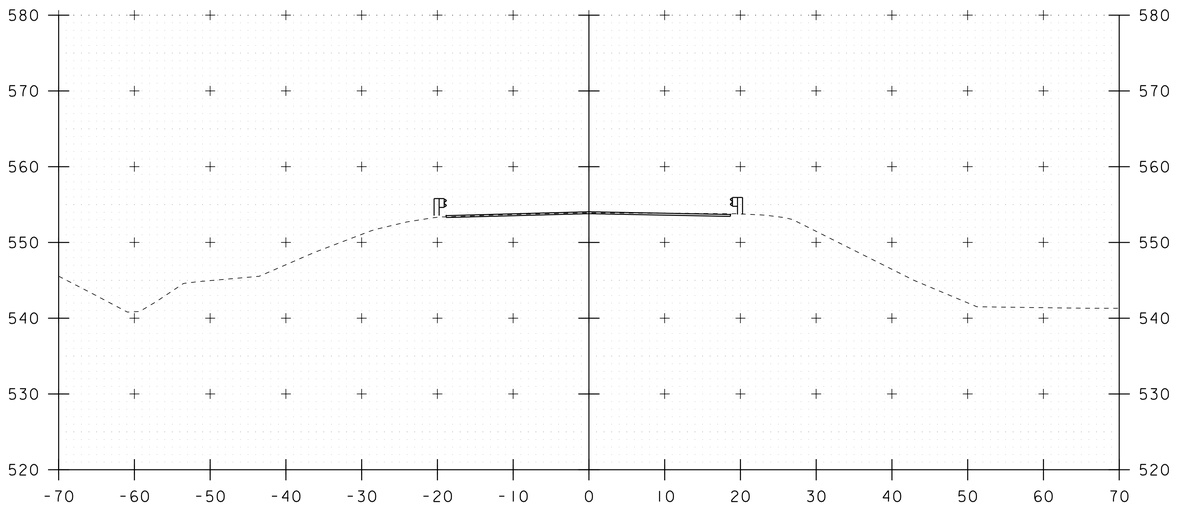
234+00

STA. 233+50 TO STA. 234+25

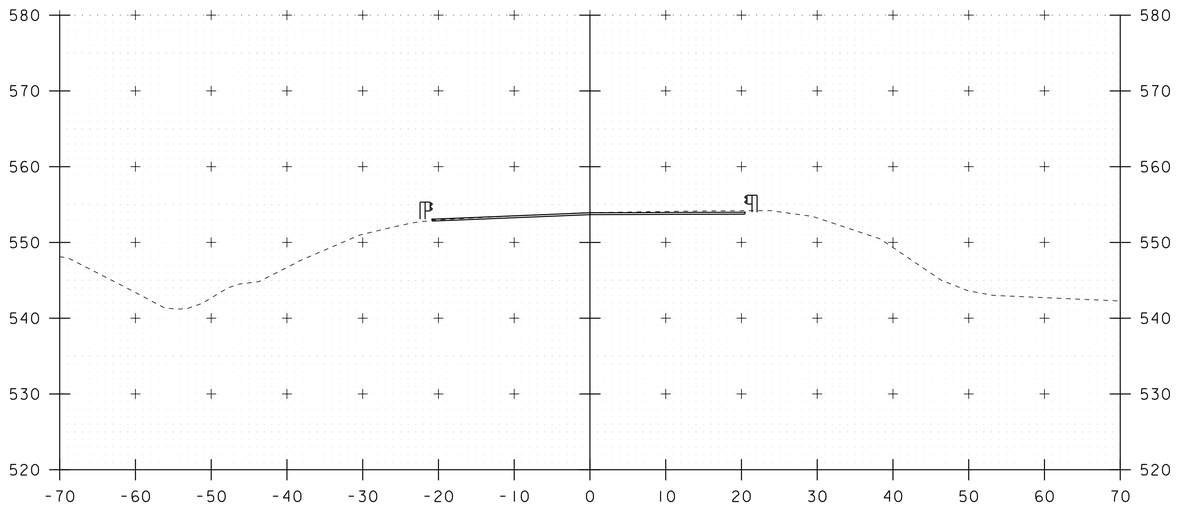
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 5

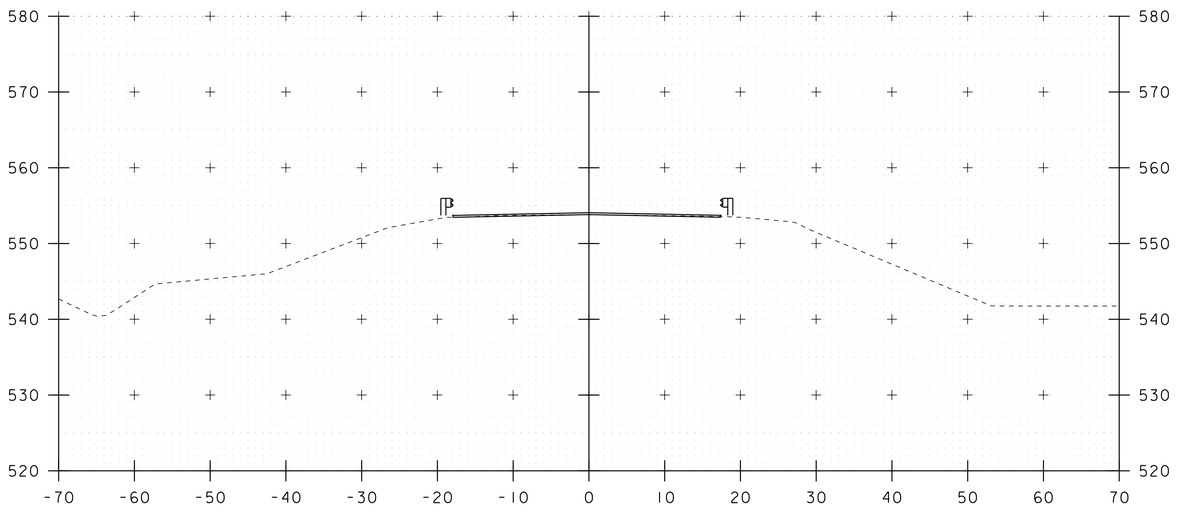
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 17 OF 23



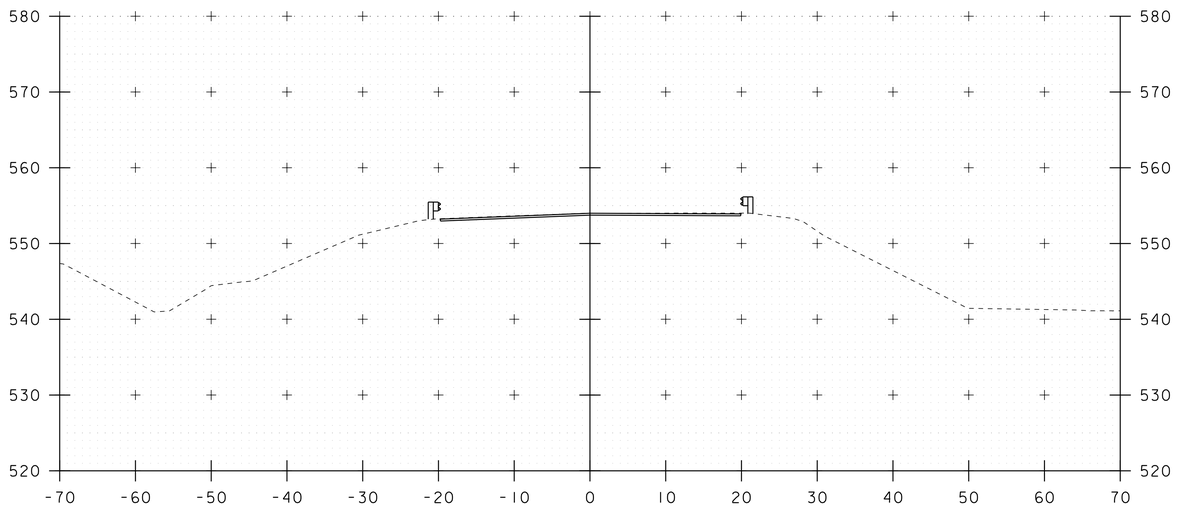
234+75



235+25



234+50



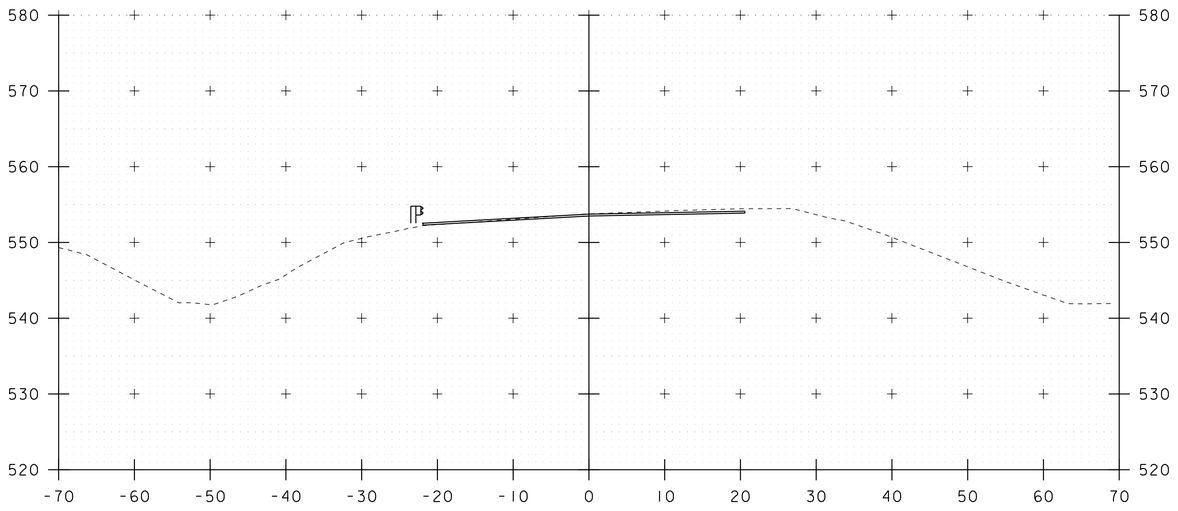
235+00

STA. 234+50 TO STA. 235+25

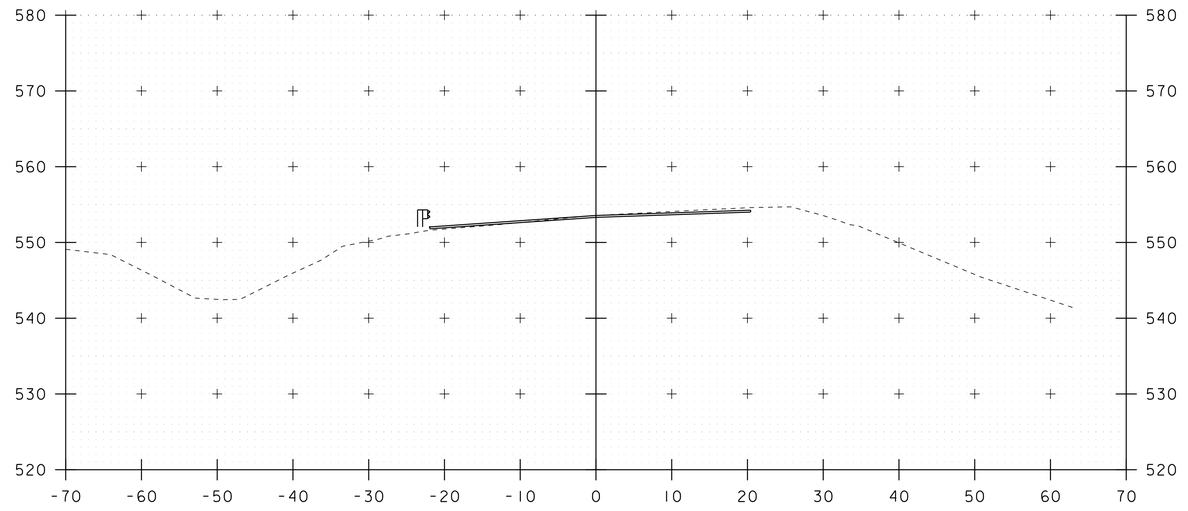
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 6

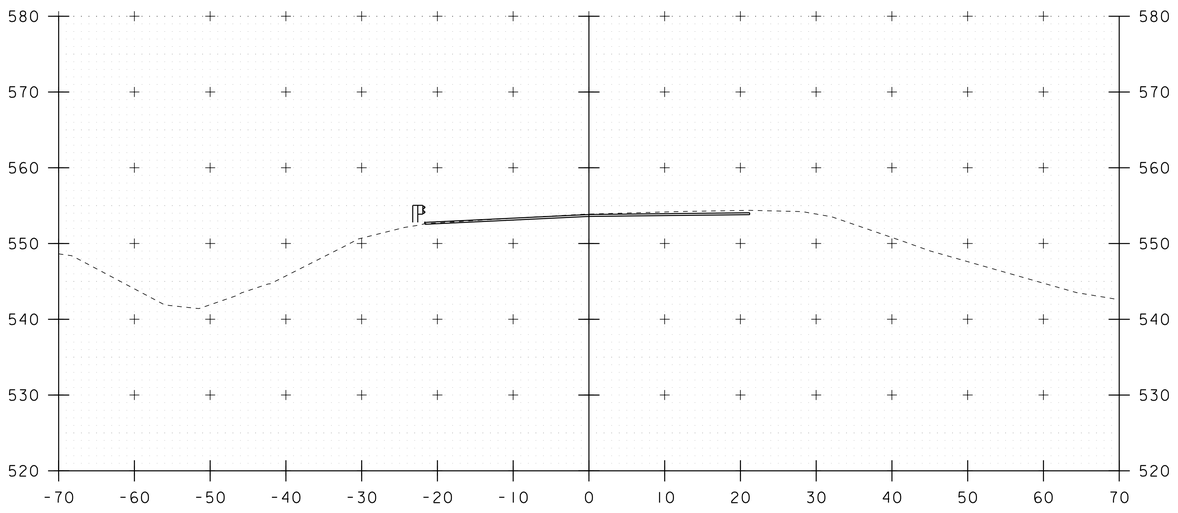
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 18 OF 23



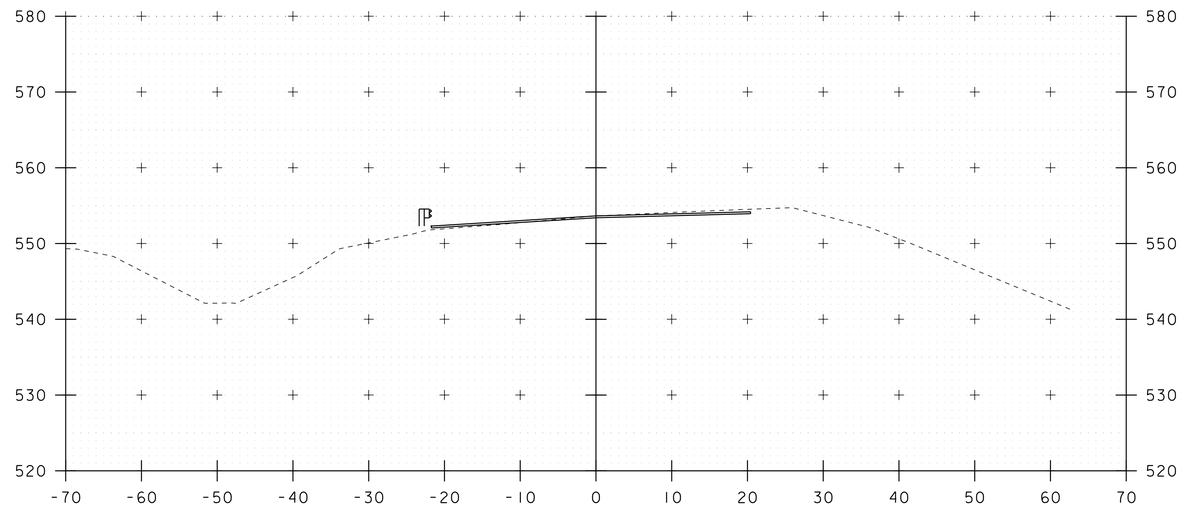
235+75



236+25



235+50



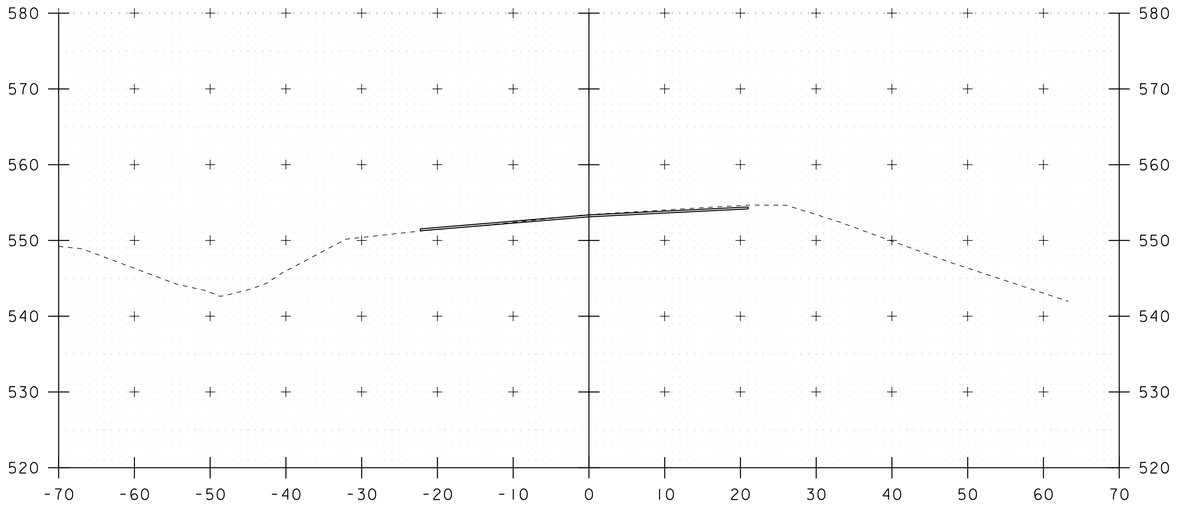
236+00

STA. 235+50 TO STA. 236+25

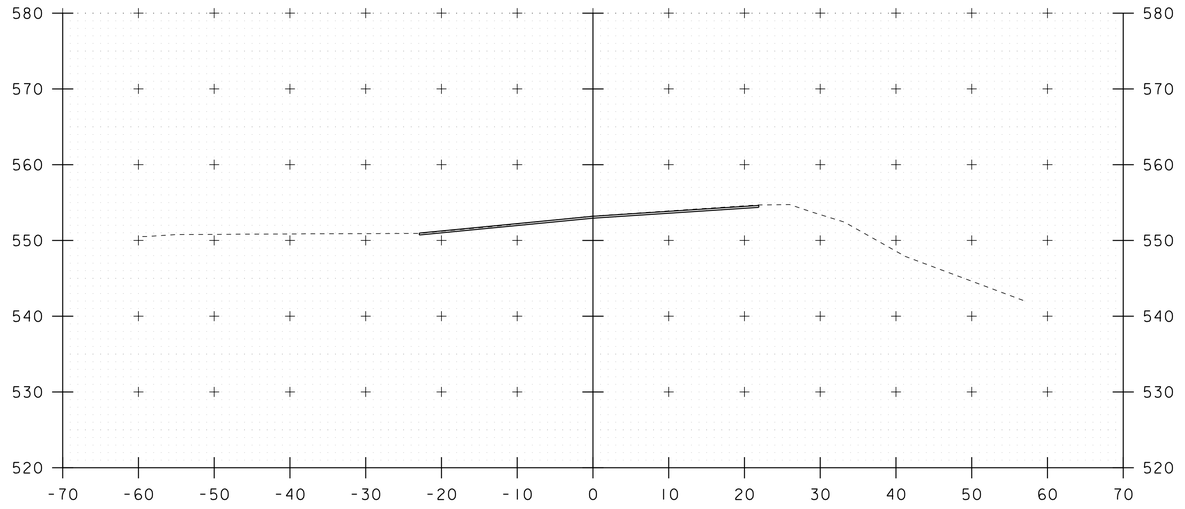
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 7

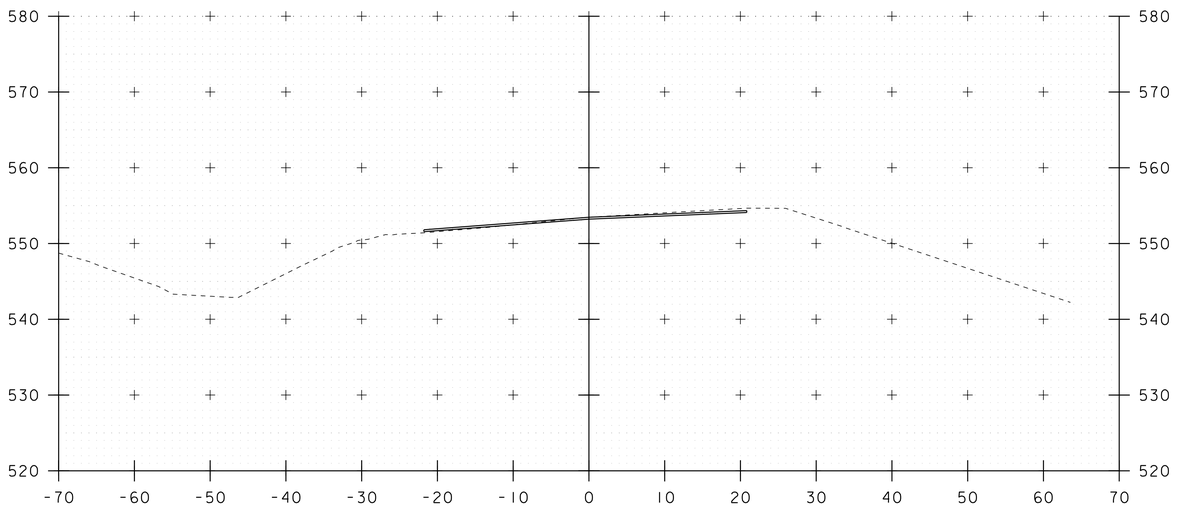
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 19 OF 23



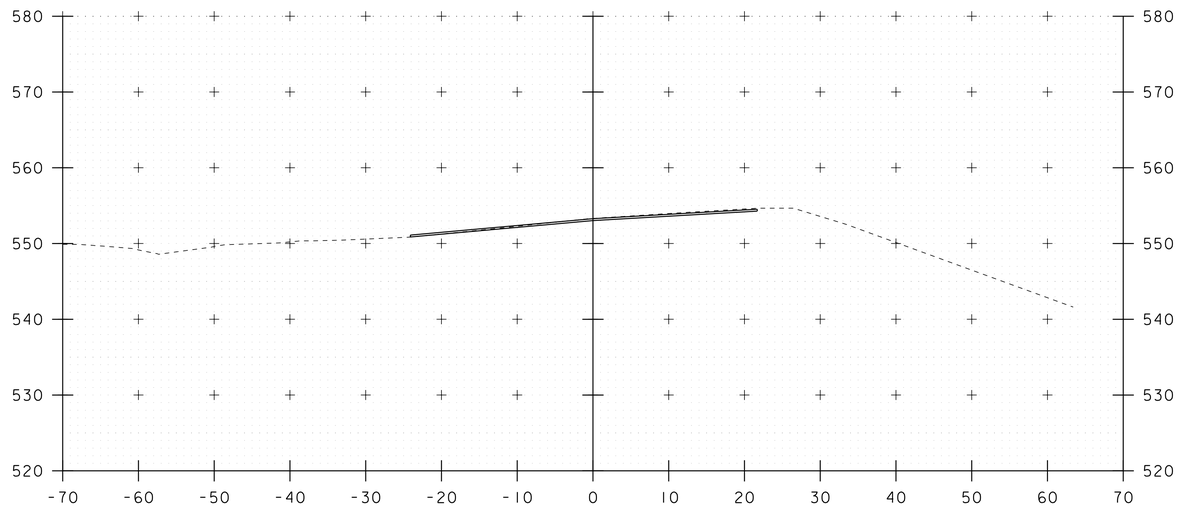
236+75



237+25



236+50



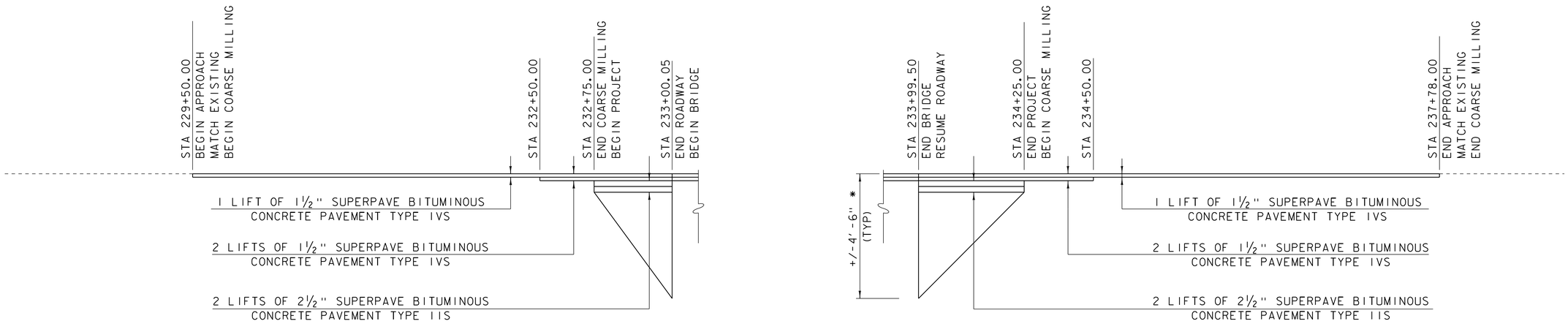
237+00

STA. 236+50 TO STA. 237+25

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
MAINLINE CROSS SECTIONS 8

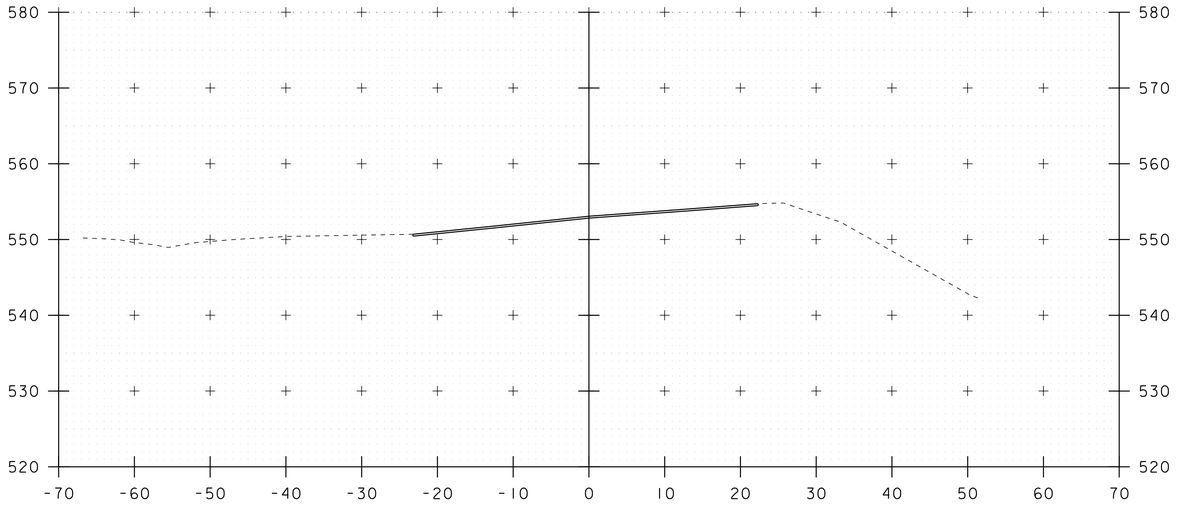
PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 20 OF 23



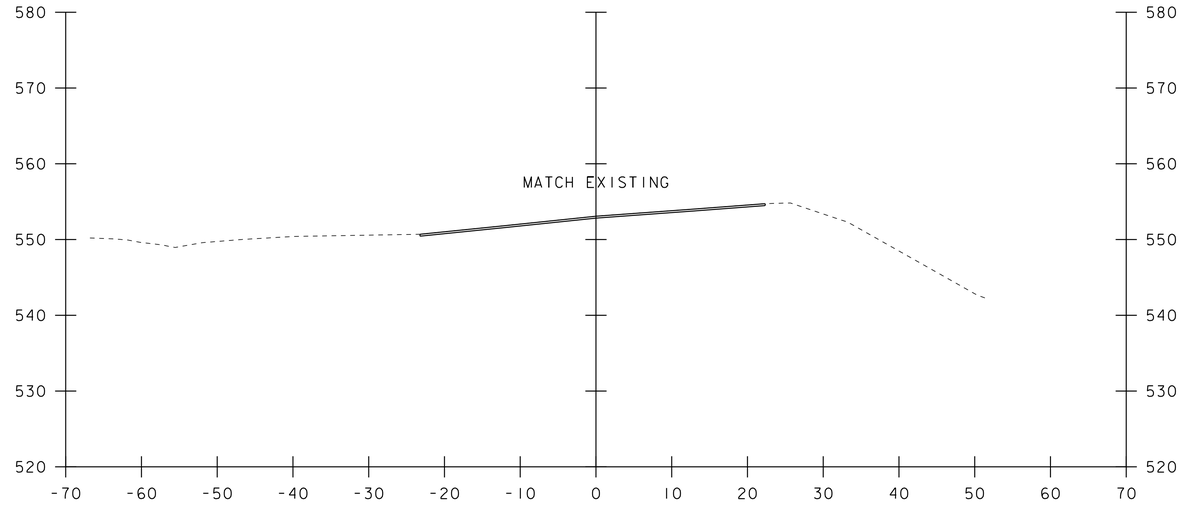
VT 116 MATERIAL TRANSITION DIAGRAM

NOT TO SCALE

* SEE ABUTMENT EARTHWORKTYPICAL SECTION, SHEET ?, FOR MORE INFORMATION



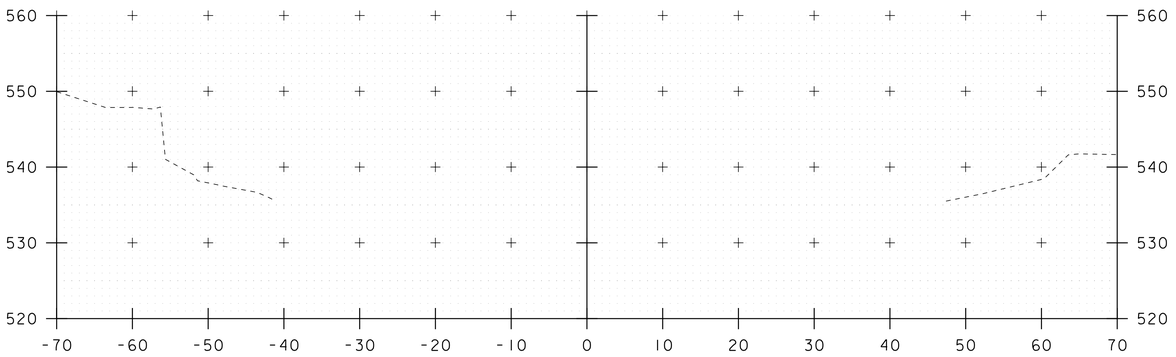
237+50



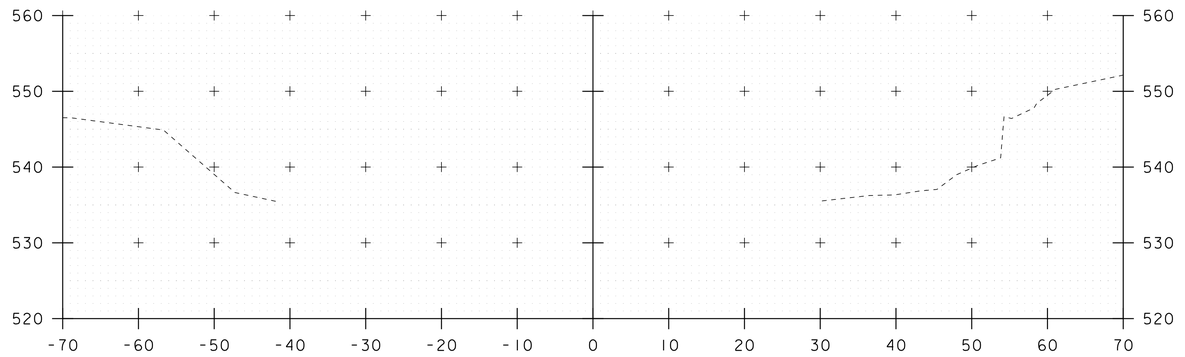
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STA. 237+50

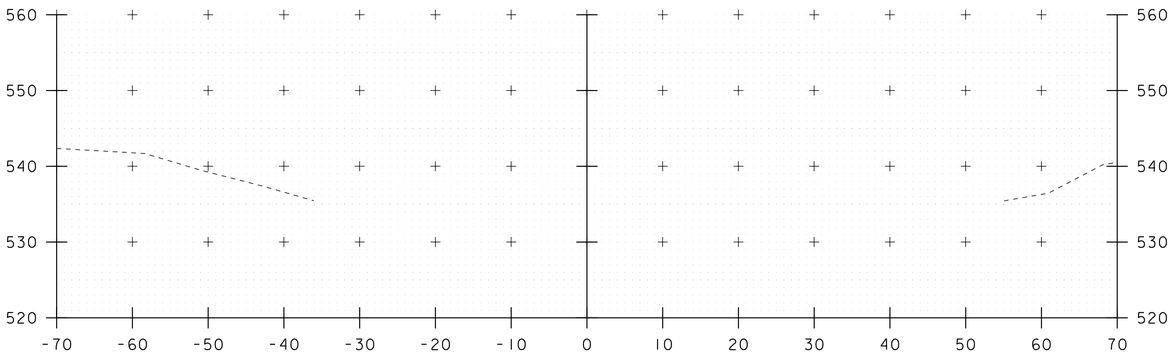
PROJECT NAME: MONTPELIER	
PROJECT NUMBER: NH DECK(48)	
FILE NAME: 18J008/s18J008xs.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: J.B.MCCARTHY	DRAWN BY: HI SALLS
DESIGNED BY: HI SALLS	CHECKED BY: G.SWEENY
MAINLINE CROSS SECTIONS 9	SHEET 21 OF 23



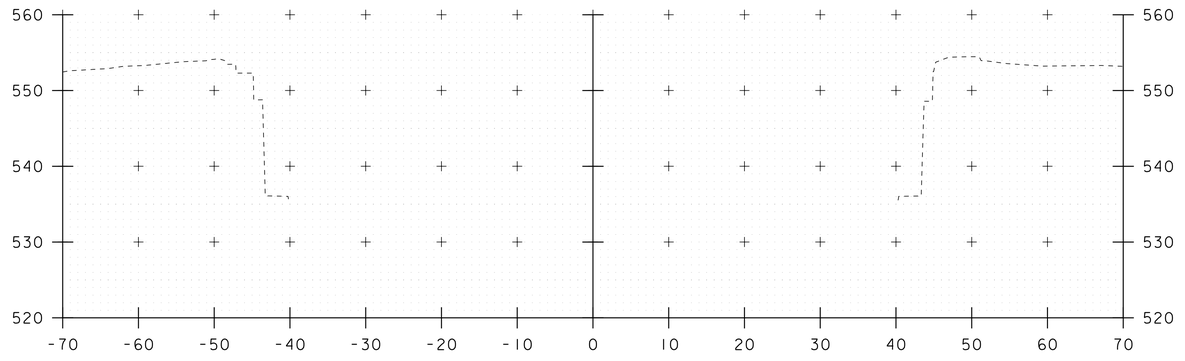
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51+50



50+00



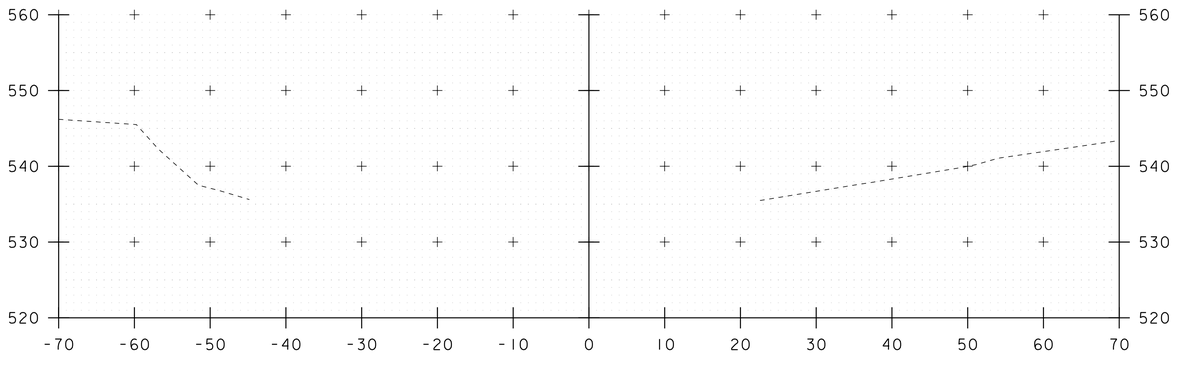
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STA. 50+00 TO STA. 51+50

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH DECK(48)

FILE NAME: 18J008/s18J008xs.dgn
PROJECT LEADER: J.B.MCCARTHY
DESIGNED BY: HI SALLS
CHANNEL SECTION 1

PLOT DATE: 01-APR-2020
DRAWN BY: HI SALLS
CHECKED BY: G.SWEENY
SHEET 22 OF 23



52+00

STA. 52+00 TO STA. 52+00

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH DECK(48)

FILE NAME: I8J008/sI8J008xs.dgn	PLOT DATE: 01-APR-2020
PROJECT LEADER: J.B.MCCARTHY	DRAWN BY: HI SALLS
DESIGNED BY: HI SALLS	CHECKED BY: G.SWEENY
CHANNEL SECTION 2	SHEET 23 OF 23