

REVIEWER NOTES:

1. THE BRIDGE WILL BE CLOSED FOR A THREE WEEK PERIOD. THE STATE OF VERMONT IS RESPONSIBLE FOR SIGNING A DETOUR ROUTE. THE PROPOSED DETOUR FOR PASSENGER CARS IS US ROUTE 4/ELM STREET/ VT 12 (PLEASANT STREET)/US ROUTE 4. SINCE THIS ROUTE HAS SIDEWALKS IT IS APPROPRIATE FOR PEDESTRIANS. DUE TO GEOMETRIC CONSTRAINTS OF THIS DETOUR, A REGIONAL DETOUR ON US ROUTE 4/VT ROUTE 12/ US ROUTE 5 (VT ROUTE 12)/VT ROUTE 44/VT 106/US ROUTE 4 IS PROPOSED FOR TRUCKS.
2. RIGHT-OF-WAY ACQUISITION IS EXPECTED.
3. SEVEN CONDUITS WITH 4 FAIRPOINT, 2 COMCAST, AND A GREEN MOUNTAIN POWER LINE ARE UNDER THE NORTH SIDE OF THE STRUCTURE. DRAINAGE PIPES ENTER THE BROOK AT ALL FOUR CORNERS OF THE STRUCTURE.

ALL OF THESE UTILITIES WILL NEED TO BE CONSIDERED FOR RELOCATION OR REMOVAL.

STATE OF VERMONT

AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

BRIDGE PROJECT

TOWN OF WOODSTOCK VILLAGE

COUNTY OF WINDSOR

ROUTE NO: TH 1/US 4 (CLASS 1) , VILLAGE PRINCIPAL ARTERIAL , BRIDGE NO: BR 51

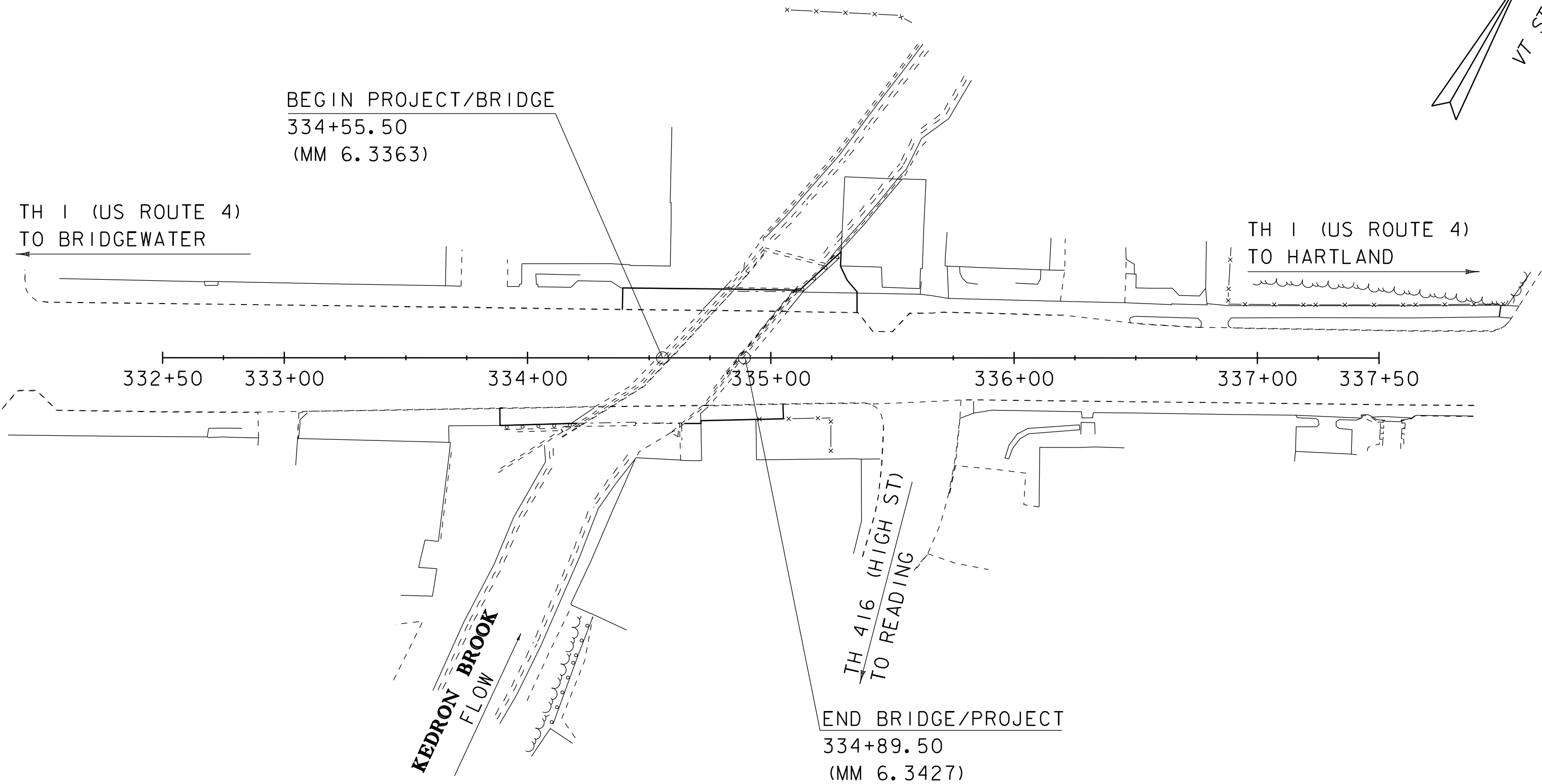
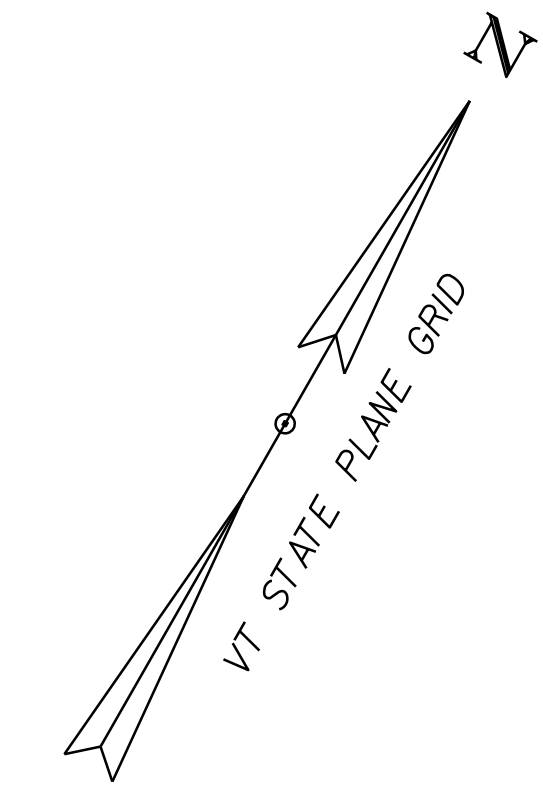
PROJECT LOCATION: ON US 4 APPROXIMATELY 0.2 MILES EAST OF THE JUNCTION WITH VT ROUTE 106 (OVER KEDRON BROOK)

PROJECT DESCRIPTION: REPLACEMENT OF EXISTING SUPERSTRUCTURE

LENGTH OF STRUCTURE: 34.00 FEET

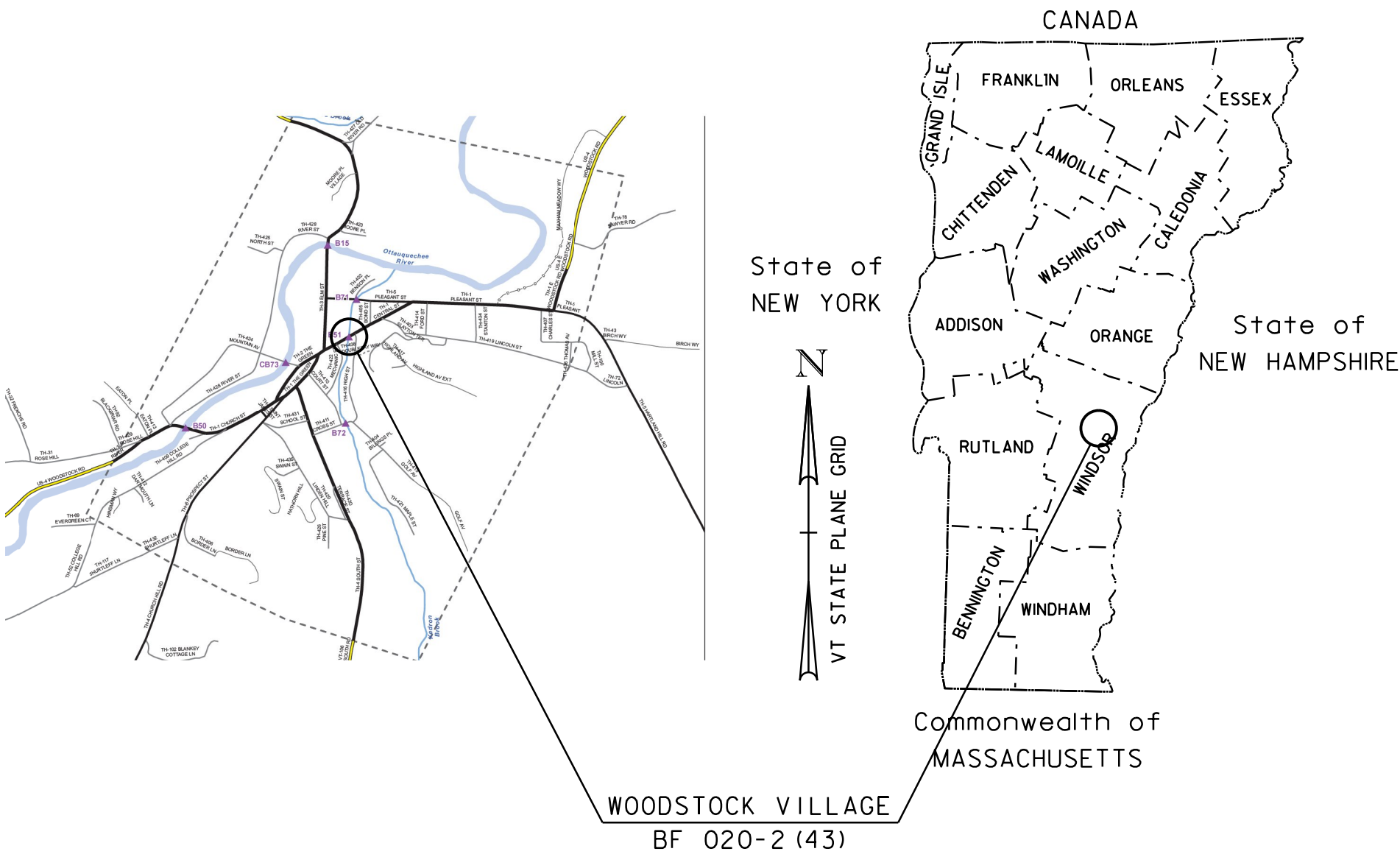
LENGTH OF ROAD: 0.00 FEET

LENGTH OF PROJECT: 34.00 FEET



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 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:	RG
SURVEYED DATE:	5-23-2014
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (2011)



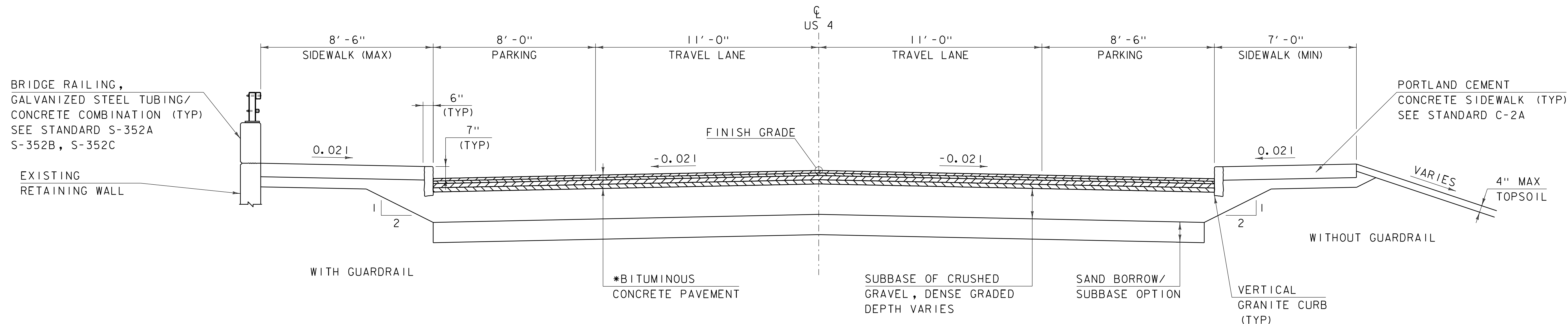
CONCEPTUAL PLANS

22-DEC-2015

DIRECTOR OF PROJECT DELIVERY	
APPROVED _____	DATE _____
PROJECT MANAGER: ROB YOUNG , P.E.	
PROJECT NAME:	WOODSTOCK VILLAGE
PROJECT NUMBER:	BF 020-2 (43)
SHEET 1 OF 15	SHEETS

PRELIMINARY INFORMATION SHEET (BRIDGE)

[illegible]



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

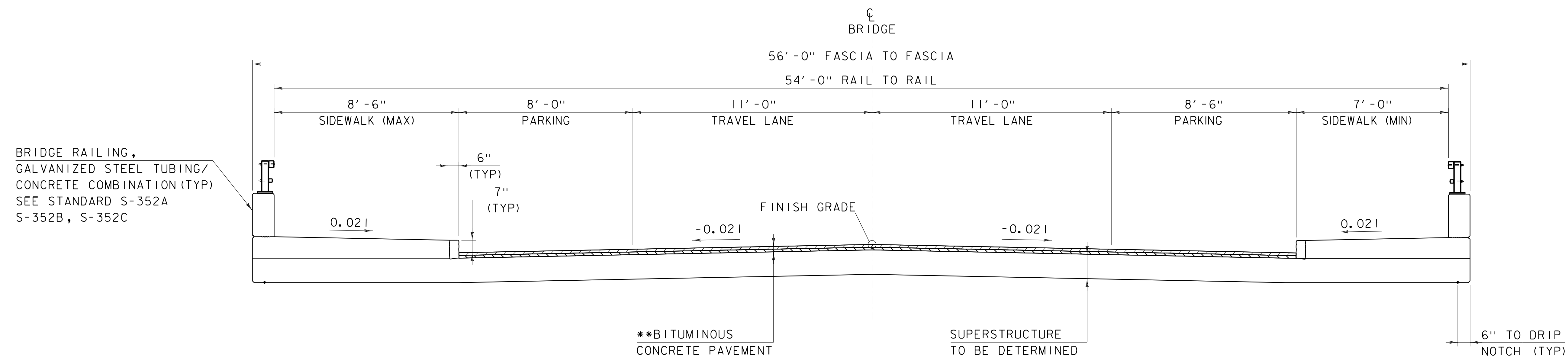
PROPOSED US 4 TYPICAL SECTION

SCALE ¾" = 1'-0"

MATERIAL TOLERANCES

(IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- ¼"
- AGGREGATE SURFACE COURSE	+/- ½"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"



** 1½" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS OVER
 1½" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS

PROPOSED BRIDGE TYPICAL SECTION

SCALE ¾" = 1'-0"

PROJECT NAME: WOODSTOCK VILLAGE

PROJECT NUMBER: BF 020-2(43)

FILE NAME: s13j280typical.dgn

PROJECT LEADER: R. YOUNG

DESIGNED BY: S. COLEY

TYPICAL SECTIONS

PLOT DATE: 22-DEC-2015

DRAWN BY: S. COLEY

CHECKED BY: W. LAMMER

SHEET 3 OF 15

SYMBOL OGY LEGEND NOTE

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

	BDNDS	BOUND SET
	BDNDS	BOUND TO BE SET
	IPNS	IRON PIN SET
	IPNS	IRON PIN TO BE SET
	CALC	EXISTING ROW POINT
	PROW	PROPOSED ROW POINT
[LENGTH]		LENGTH CARRIED ON NEXT SHEET

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

CODE	DESCRIPTION
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E CURVE EXTERNAL DISTANCE

UNDERGROUND UTILITIES

ABOVE GROUND UTILITIES (AERIAL)

PROJECT CONSTRUCTION SYMBOLOLOGY

— -- —CZ— -- — CLEAR ZONE
 _____ PLAN LAYOUT MATCHLINE

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

BOUNDARY LINES

SR SLOPE RIGHTS
 6f 6F PROPERTY BOUNDARY
 4f 4F PROPERTY BOUNDARY
 HAZ HAZARDOUS WASTE

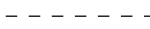
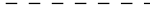
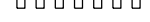
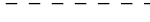
EPSC MEASURES

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLOGY

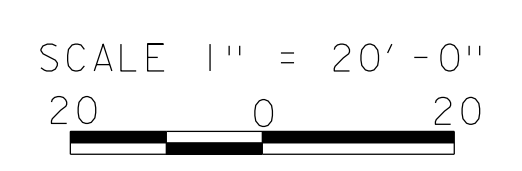
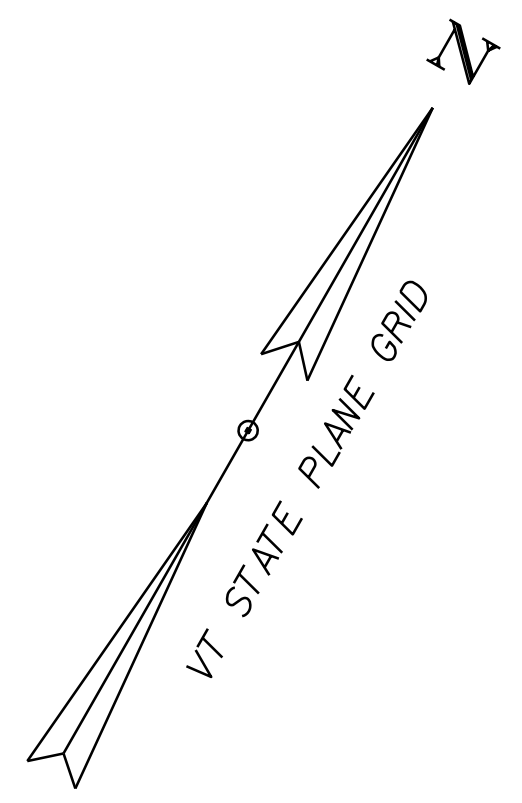
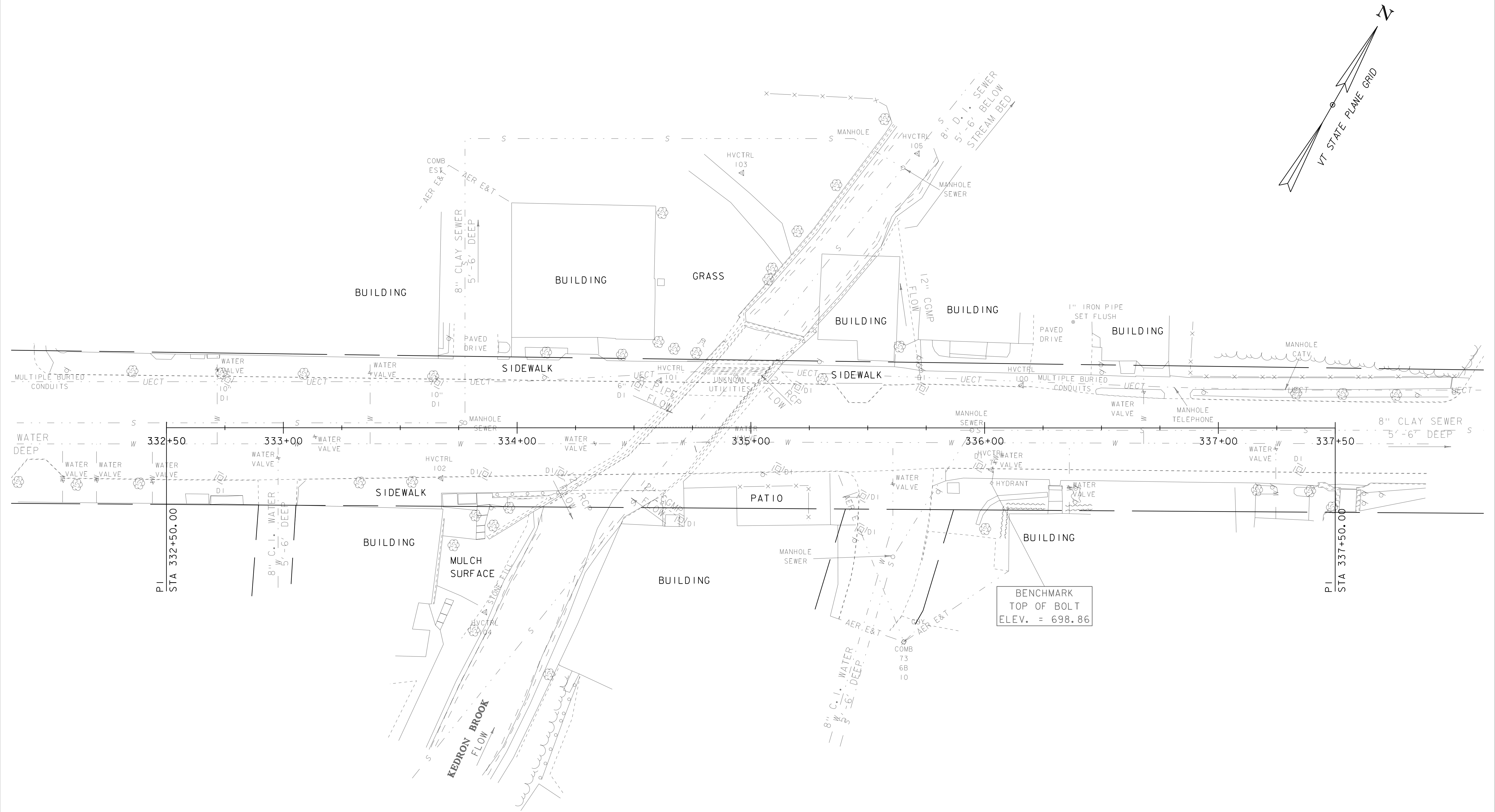
	WETLAND BOUNDARY
	RIPARIAN BUFFER ZONE
	WETLAND BUFFER ZONE
	SOIL TYPE BOUNDARY
	THREATENED & ENDANGERED SPECIES
	HAZARDOUS WASTE AREA
	AGRICULTURAL LAND
	FISH & WILDLIFE HABITAT
	FLOOD PLAIN
	ORDINARY HIGH WATER (OHW)
	STORM WATER
	USDA FOREST SERVICE LANDS
	WILDLIFE HABITAT SUIT/CONN

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

EXISTING FEATURES

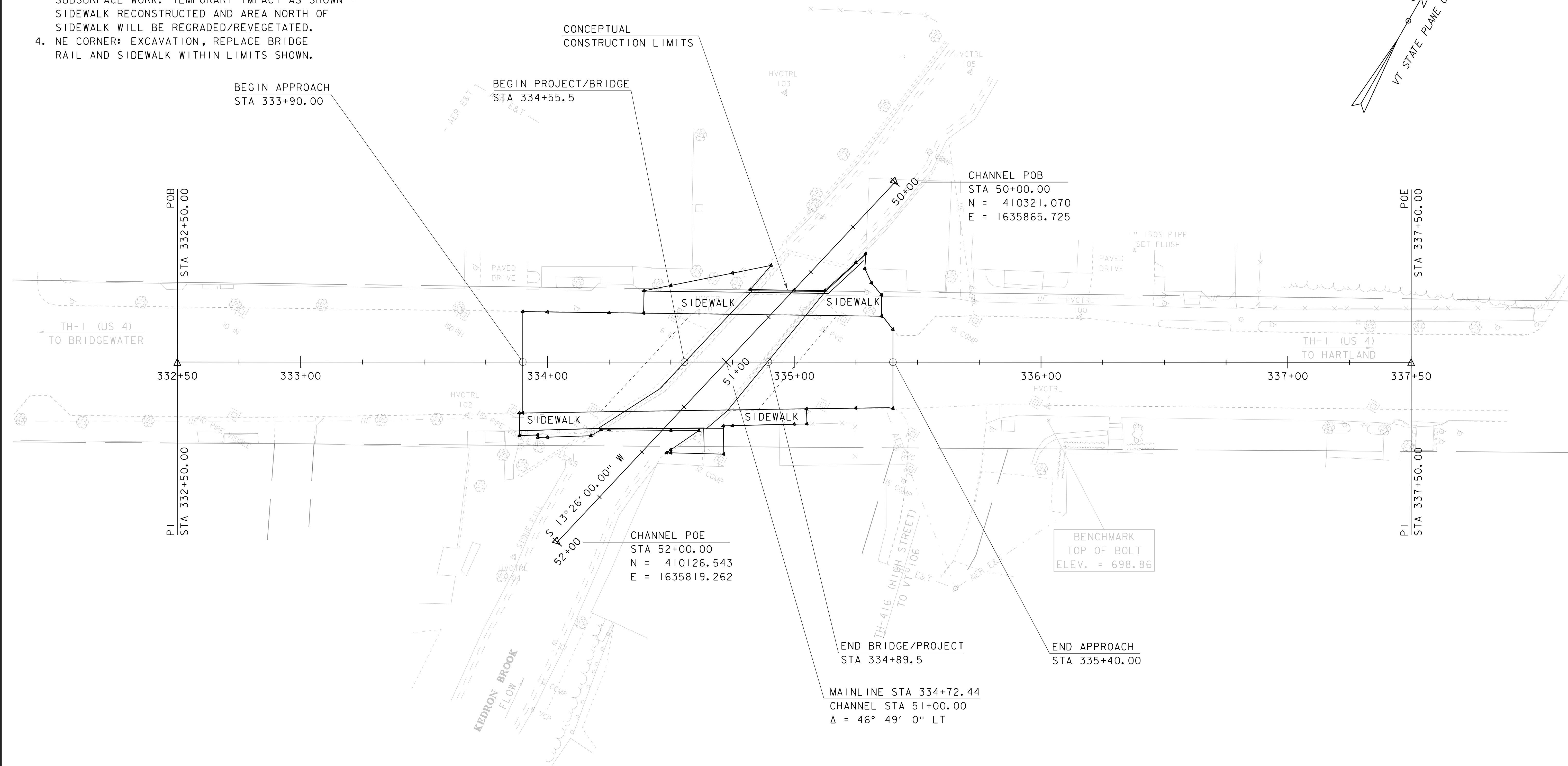
	ROAD EDGE PAVEMENT
	ROAD EDGE GRAVEL
	DRIVEWAY EDGE
	DITCH
	FOUNDATION
	FENCE (EXISTING)
	FENCE WOOD POST
	FENCE STEEL POST
	GARDEN
	ROAD GUARDRAIL
	RAILROAD TRACKS
	CULVERT (EXISTING)
	STONE WALL
	WALL
	WOOD LINE
	BRUSH LINE
	HEDGE
	BODY OF WATER EDGE
	LEDGE EXPOSED

PROJECT NAME: WOODSTOCK VILLAGE	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280legend.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: S. COLEY
DESIGNED BY: S. COLEY	CHECKED BY: W. LAMMER
SYMBOLOLOGY LEGEND	SHEET 4 OF 15



PROJECT NAME: WOODSTOCK VILLAGE	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280ero.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: W. LAMMER
EXISTING CONDITIONS	SHEET 5 OF 15

- REVIEWER CONSTRUCTION NOTES:
- 1. SE CORNER: DO NOT ANTICIPATE DISTURBING STAIRS IN FRONT OF BUILDING
 - 2. SW CORNER: ANTICIPATE REMOVAL AND REPLACEMENT OF EXISTING BRIDGE RAIL WITHIN RIGHT OF WAY. NO EARTHWORK ANTICIPATED OUTSIDE RIGHT OF WAY
 - 3. NW CORNER: EARTHWORK TO CONCEPTUAL CONSTRUCTION LIMITS AS SHOWN ON LAYOUT SHEET REQUIRED FOR SUBSURFACE WORK. TEMPORARY IMPACT AS SHOWN - SIDEWALK RECONSTRUCTED AND AREA NORTH OF SIDEWALK WILL BE REGRADED/REVEGETATED.
 - 4. NE CORNER: EXCAVATION, REPLACE BRIDGE RAIL AND SIDEWALK WITHIN LIMITS SHOWN.

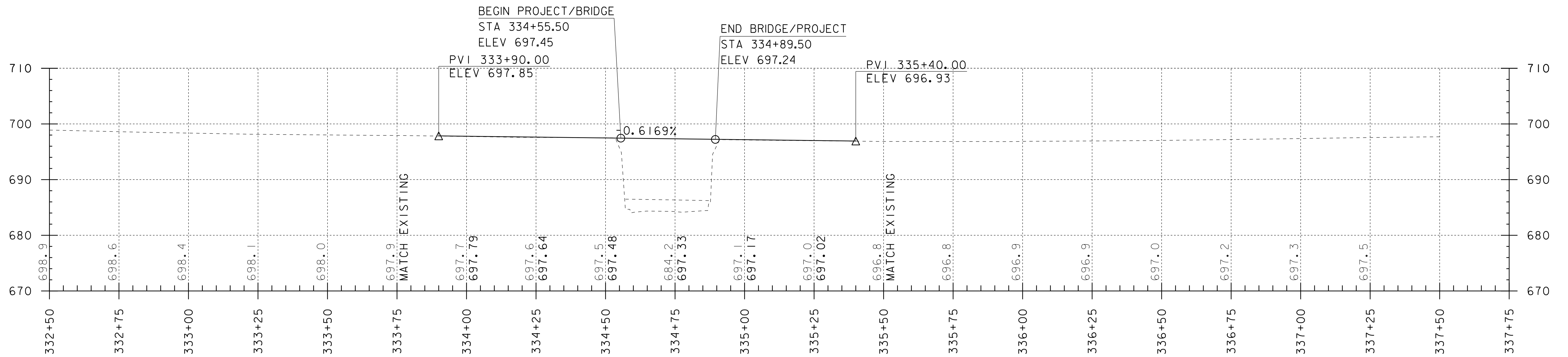


SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME: WOODSTOCK VILLAGE
PROJECT NUMBER: BF 020-2(43)

FILE NAME: sl3j280bdr.dgn
PROJECT LEADER: R. YOUNG
DESIGNED BY: S. COLEY
LAYOUT SHEET

PLOT DATE: 22-DEC-2015
DRAWN BY: S. COLEY
CHECKED BY: W. LAMMER
SHEET 6 OF 15



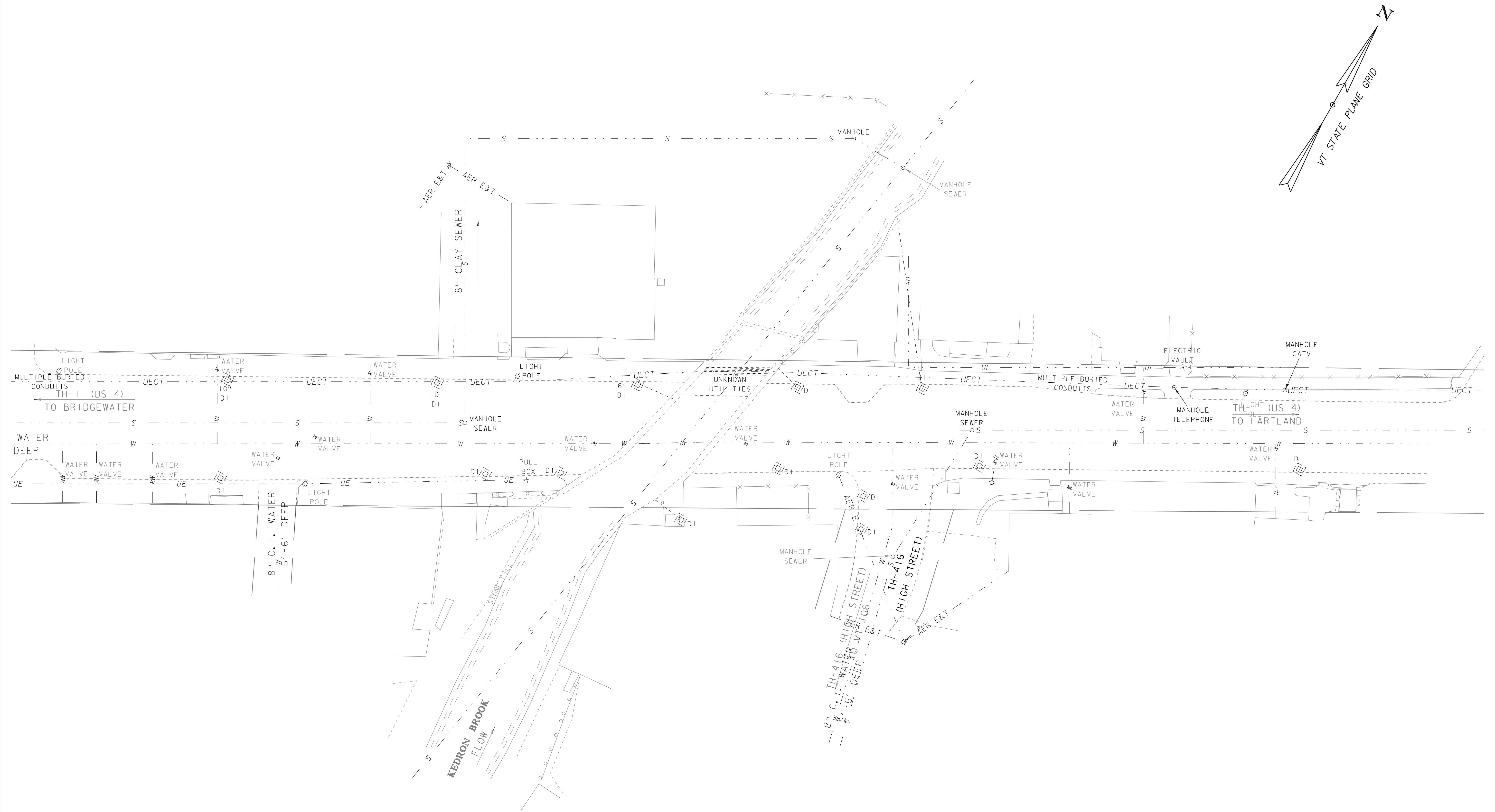
SCALE: HORIZONTAL 1"=20'-0"
VERTICAL 1"=10'-0"

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

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

PROJECT NAME: WOODSTOCK VILLAGE
PROJECT NUMBER: BF 020-2(43)

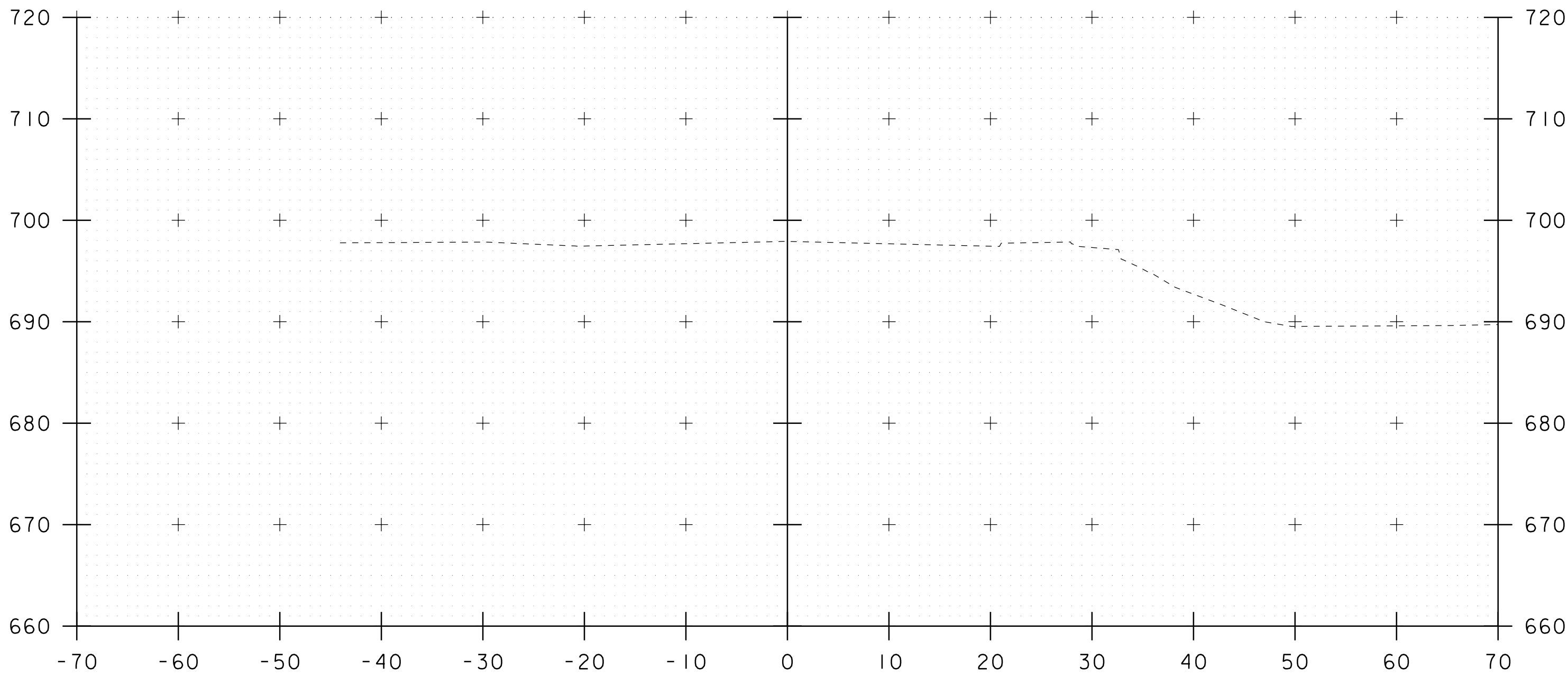
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PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: W. LAMMER
MAINLINE PROFILE	SHEET 7 OF 15



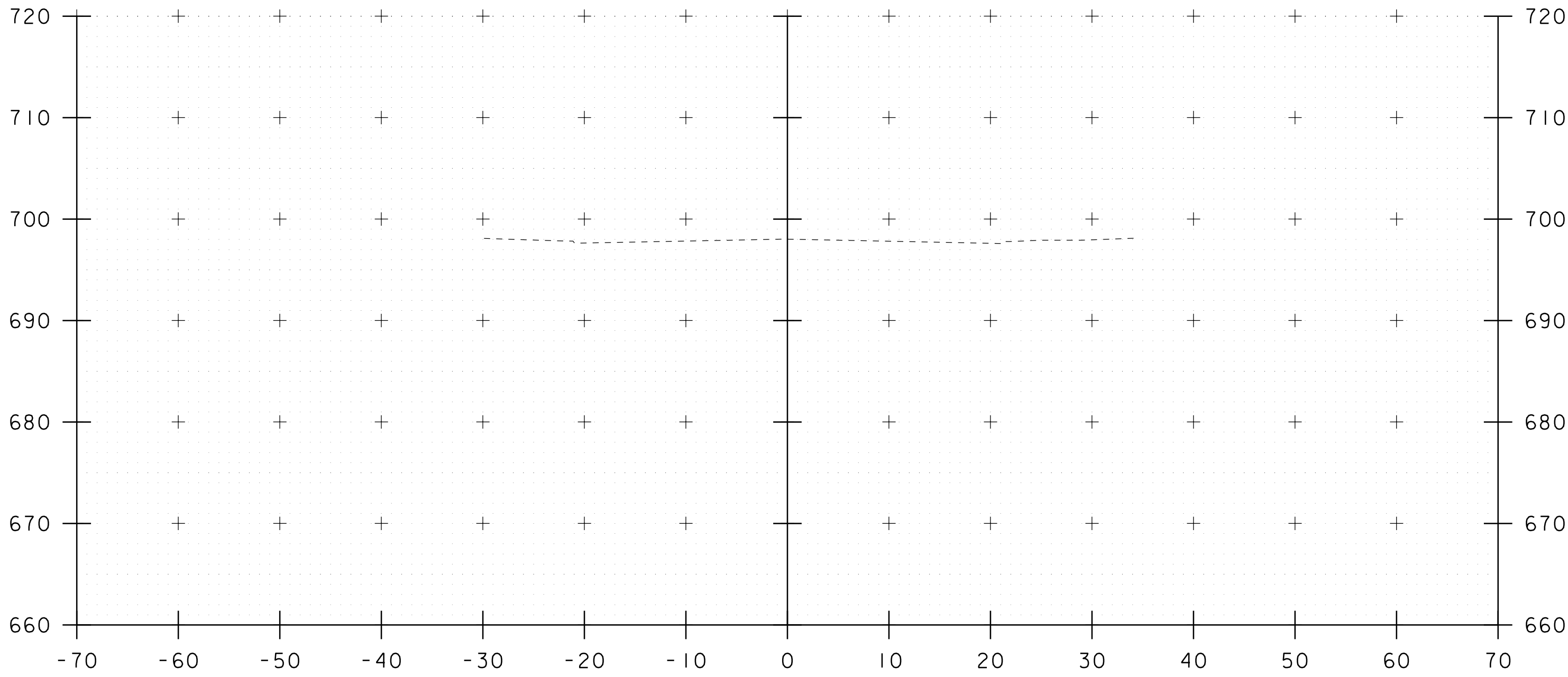
SCALE 1" = 20'-0"

20 0 20

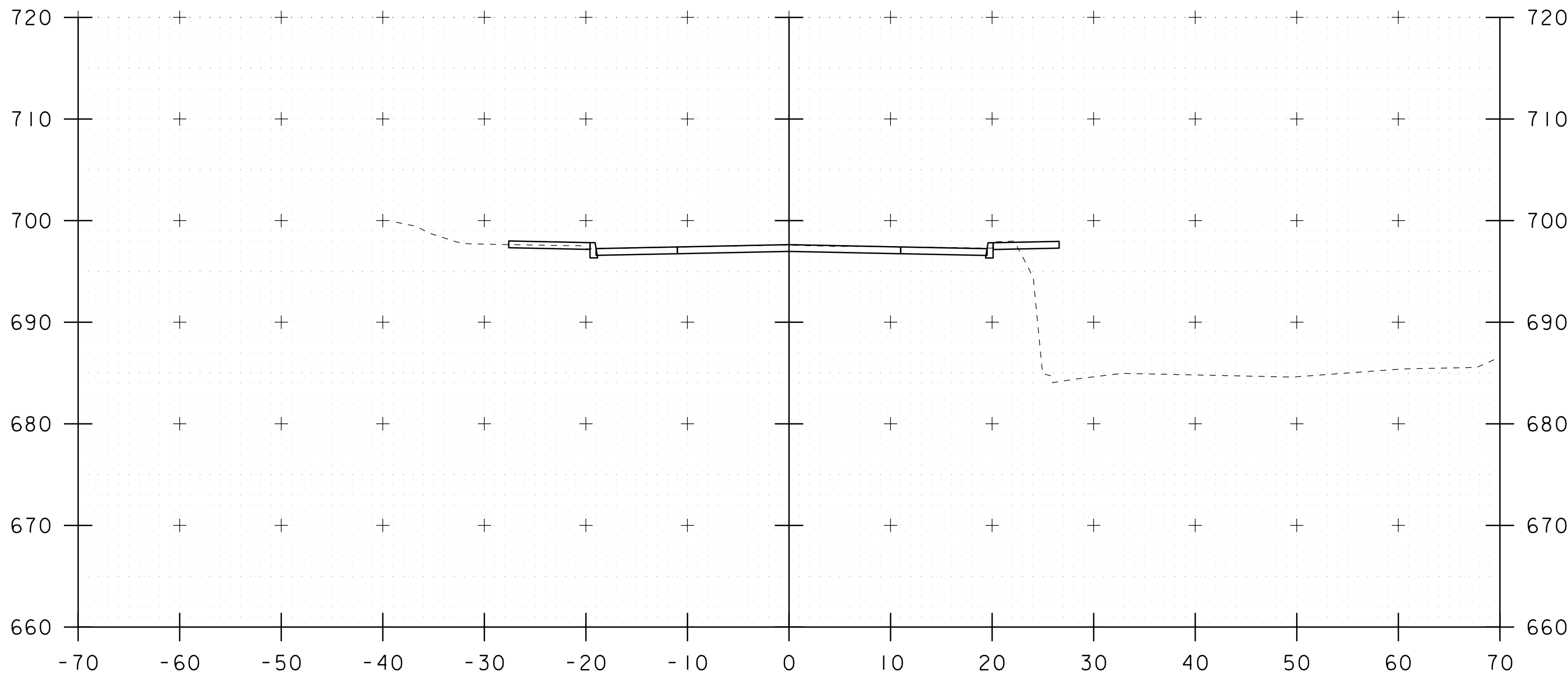
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PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280bdr_util.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: S. COLEY
DESIGNED BY: S. COLEY	CHECKED BY: W. LAMMER
UTILITY LAYOUT SHEET	SHEET 8 OF 15



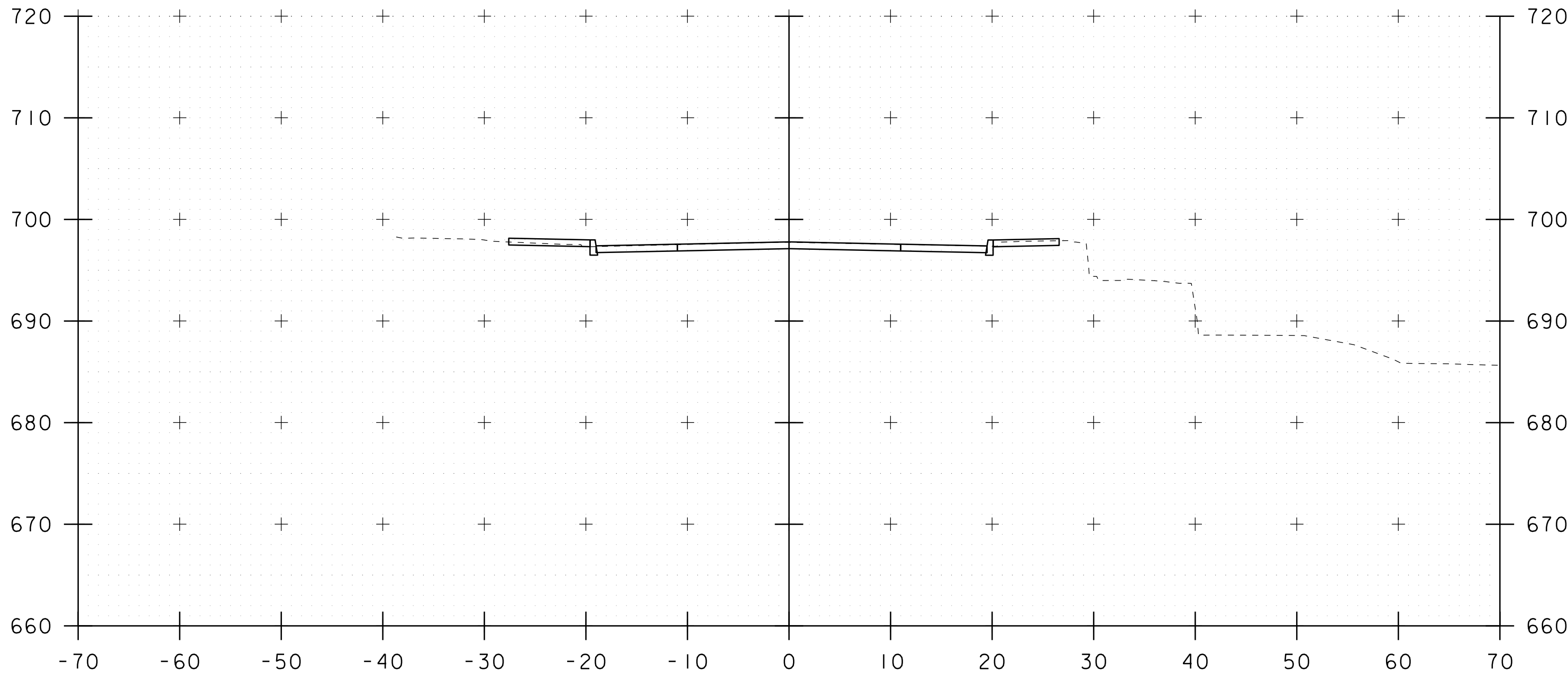
333+75



333+50



334+25



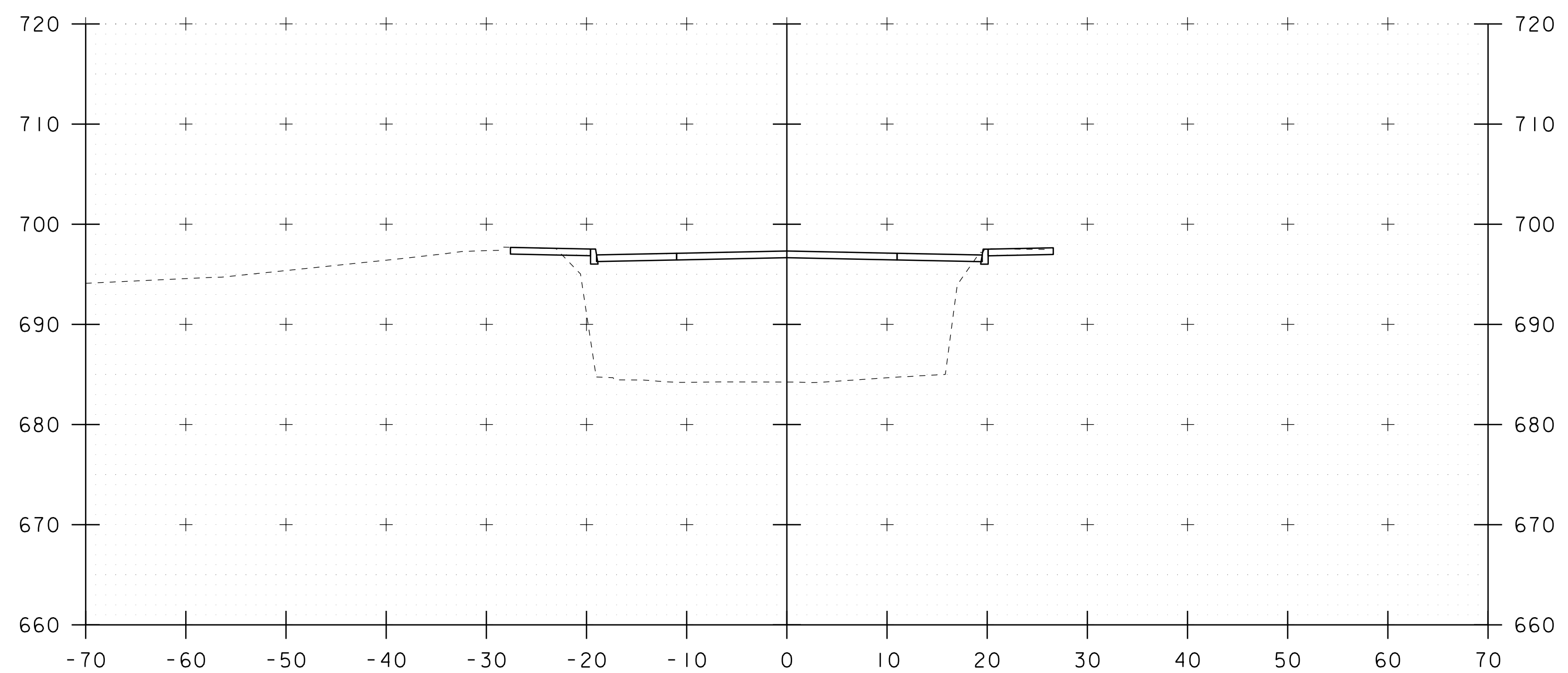
334+00

BEGIN APPROACH 333+90.00

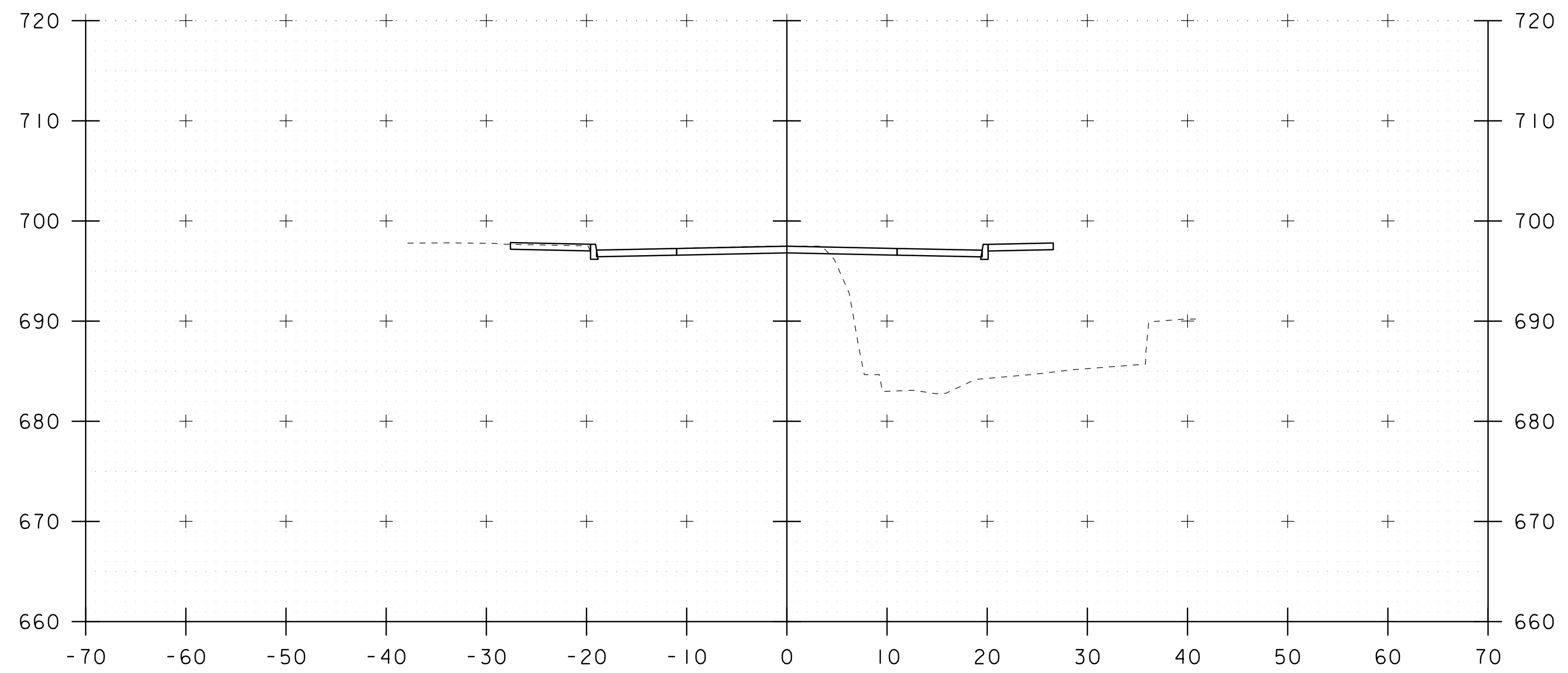
STA. 333+50 TO STA. 334+25

PROJECT NAME: WOODSTOCK
PROJECT NUMBER: BF 020-2(43)
FILE NAME: sl3j280xs.dgn
PROJECT LEADER: R. YOUNG
DESIGNED BY: T. MATTHEWS
MAINLINE CROSS SECTIONS I

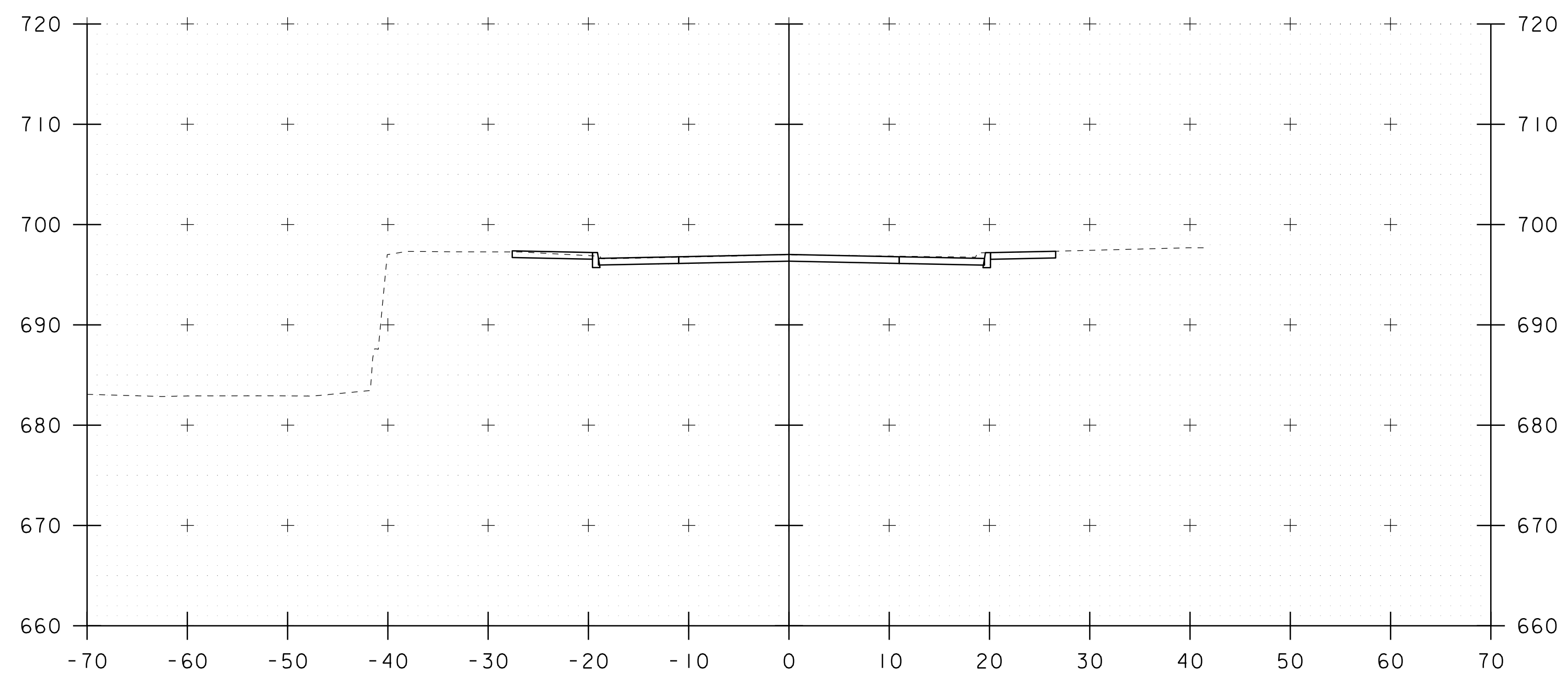
PLOT DATE: 22-DEC-2015
DRAWN BY: T. MATTHEWS
CHECKED BY: -----
SHEET 9 OF 15



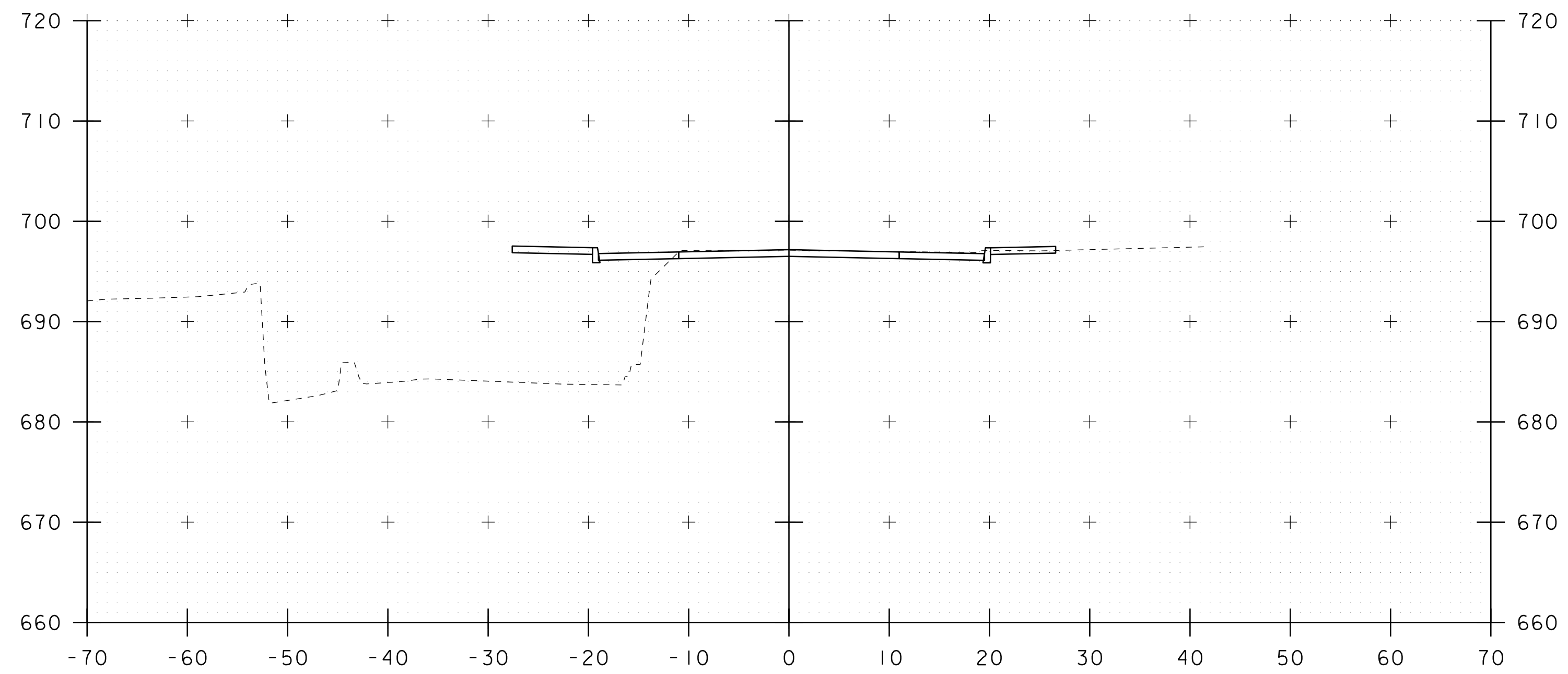
334+75
BEGIN BRIDGE 334+55.50



334+50



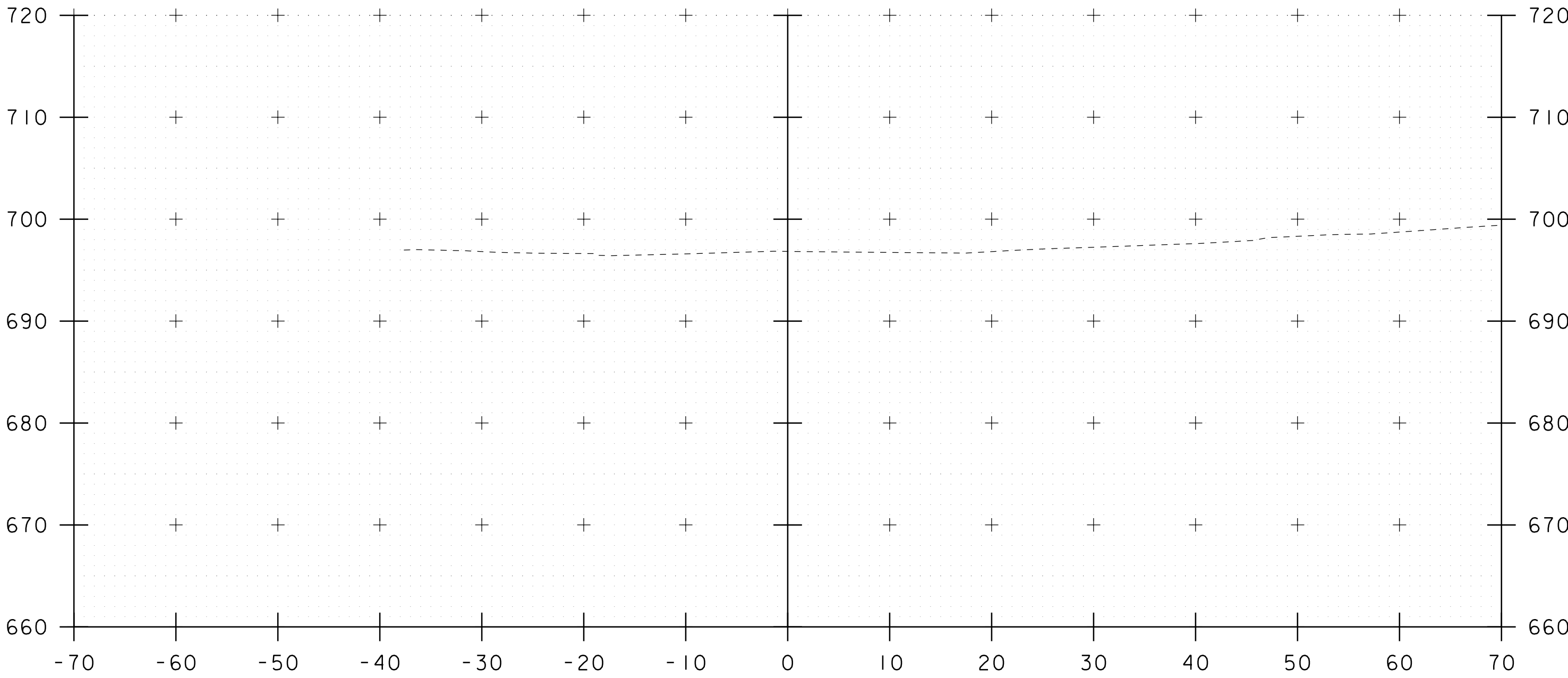
335+25



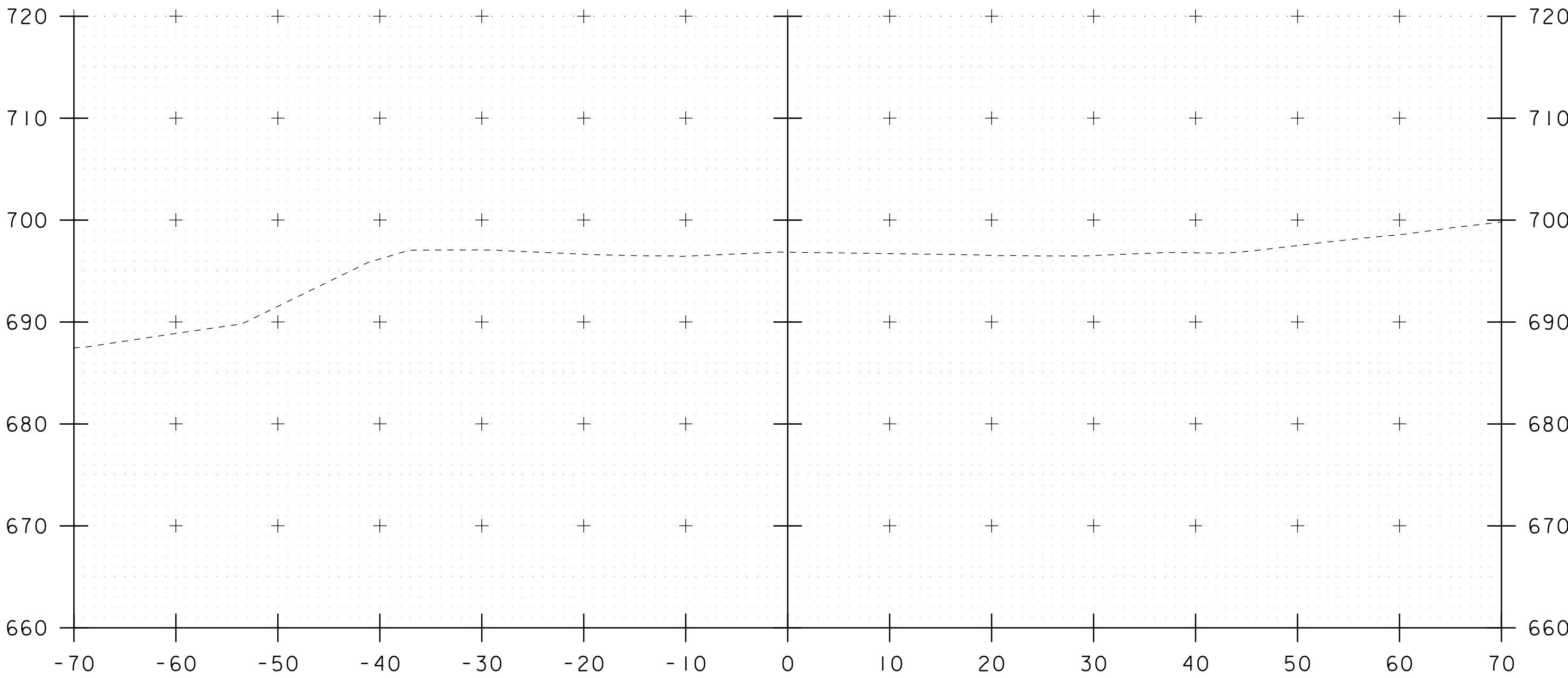
335+00
END BRIDGE 334+89.50

STA. 334+50 TO STA. 335+25

PROJECT NAME: WOODSTOCK	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280xs.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: -----
MAINLINE CROSS SECTIONS 2	SHEET 10 OF 15



335+75



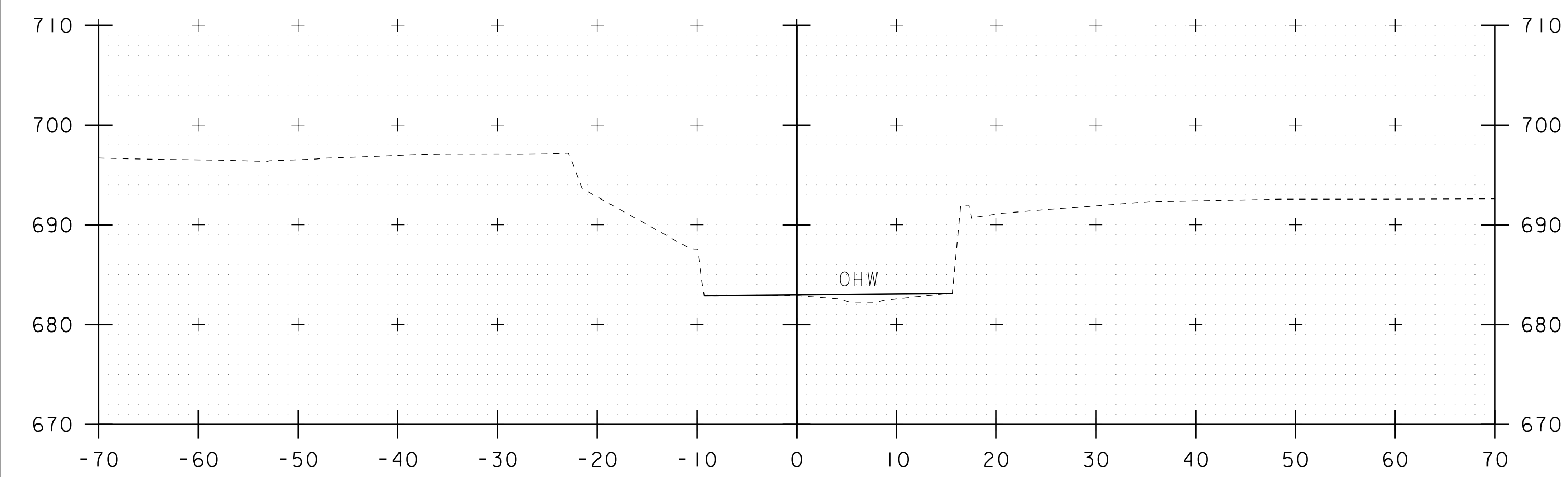
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END APPROACH 335+40.00

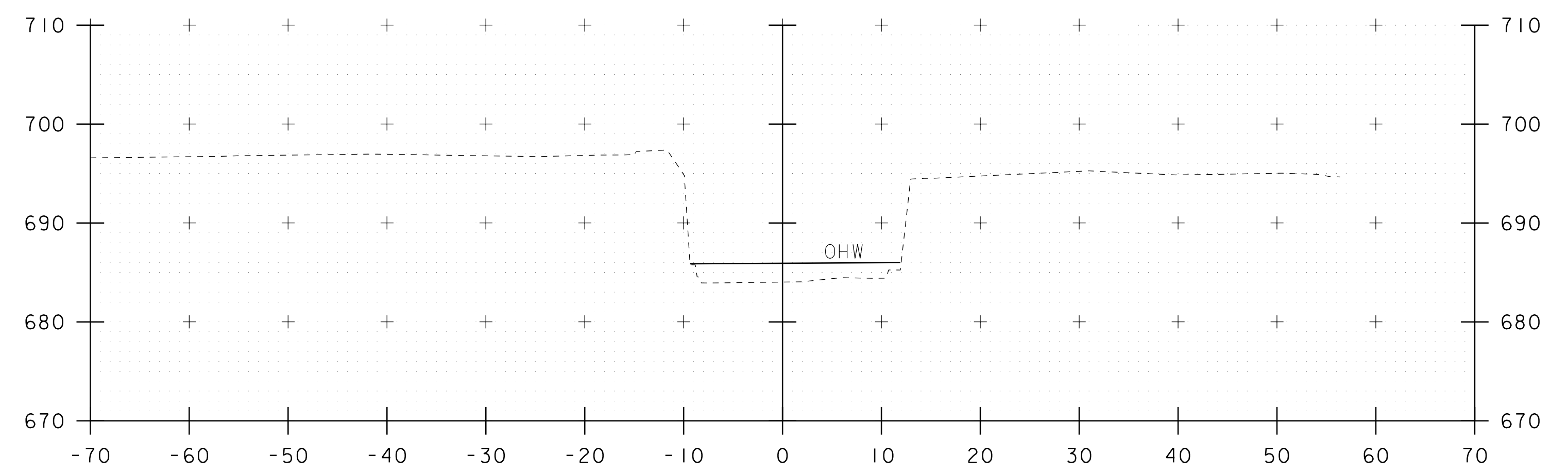
STA. 335+50 TO STA. 335+75

PROJECT NAME: WOODSTOCK
PROJECT NUMBER: BF 020-2(43)
FILE NAME: sl3j280xs.dgn
PROJECT LEADER: R. YOUNG
DESIGNED BY: T. MATTHEWS
MAINLINE CROSS SECTIONS 3

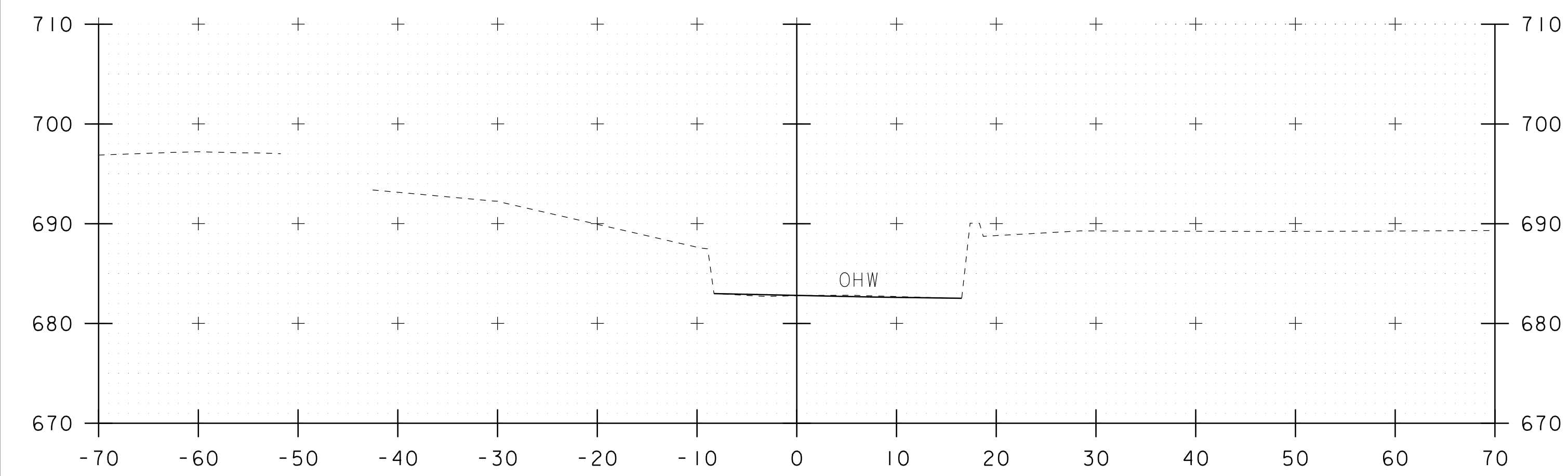
PLOT DATE: 22-DEC-2015
DRAWN BY: T. MATTHEWS
CHECKED BY: -----
SHEET II OF 15



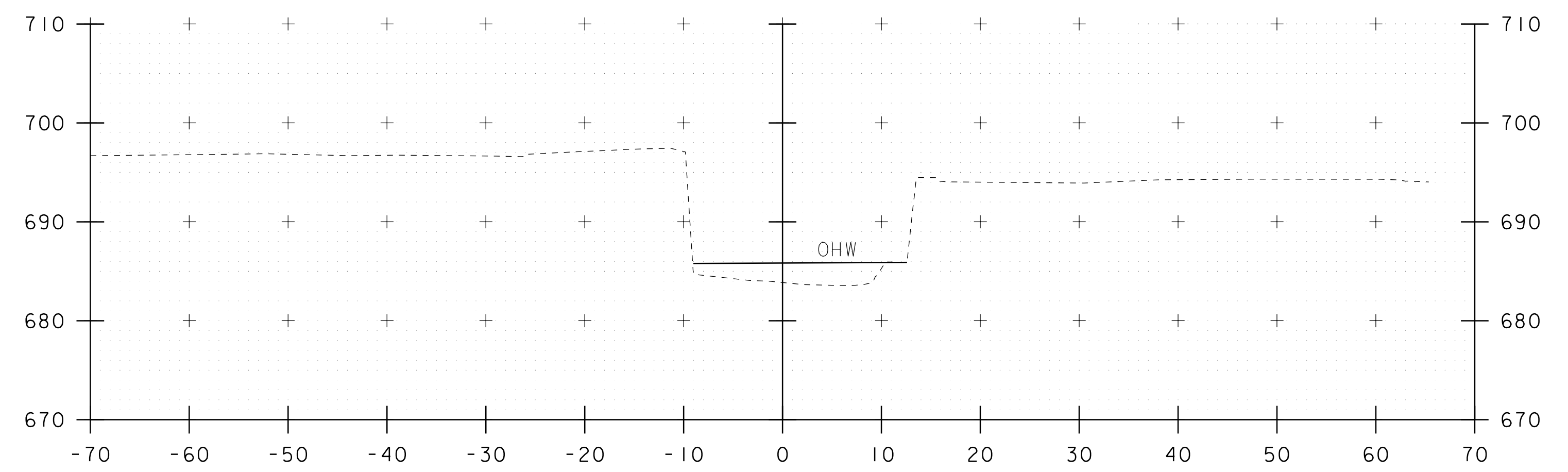
50+25



50+60



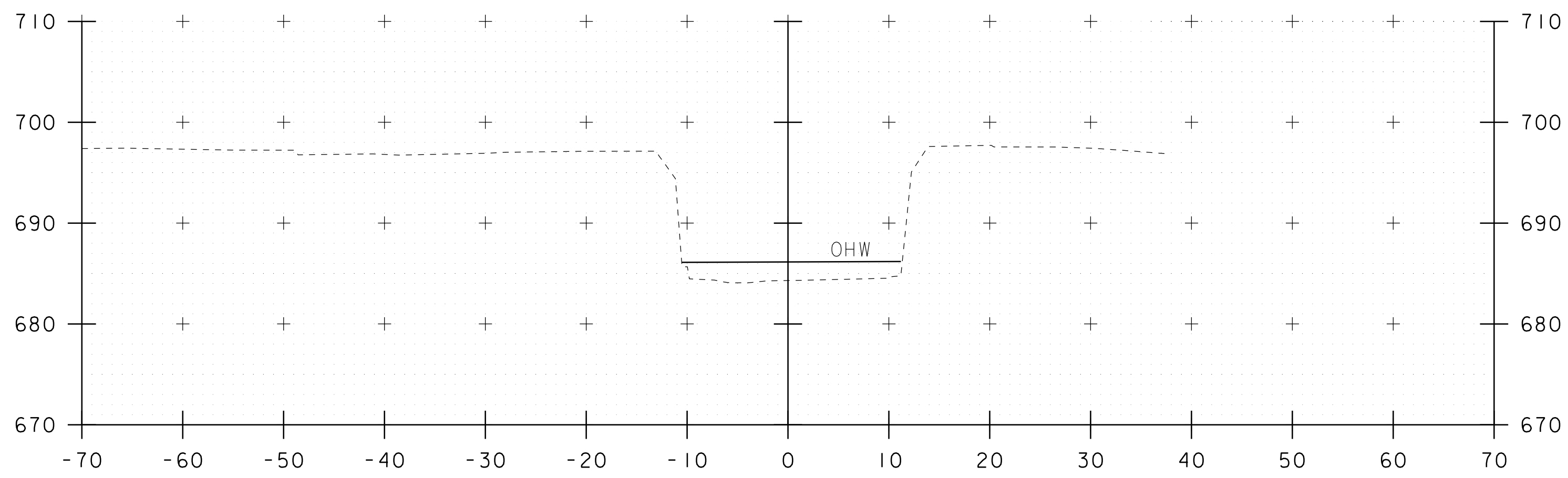
50+00



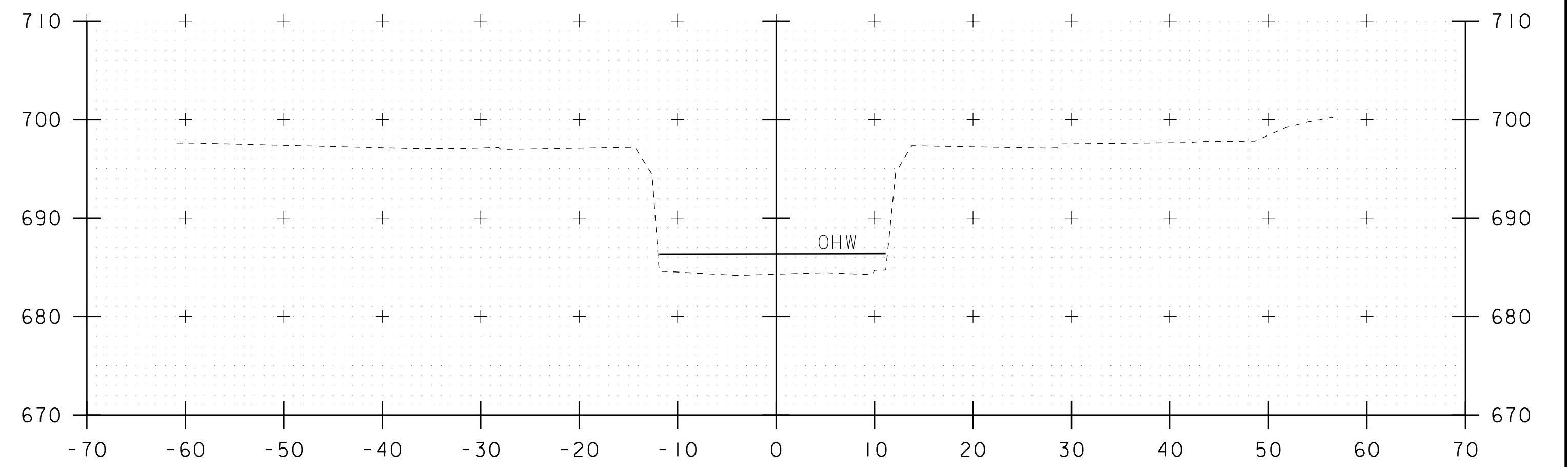
50+50

STA. 50+00 TO STA. 50+60

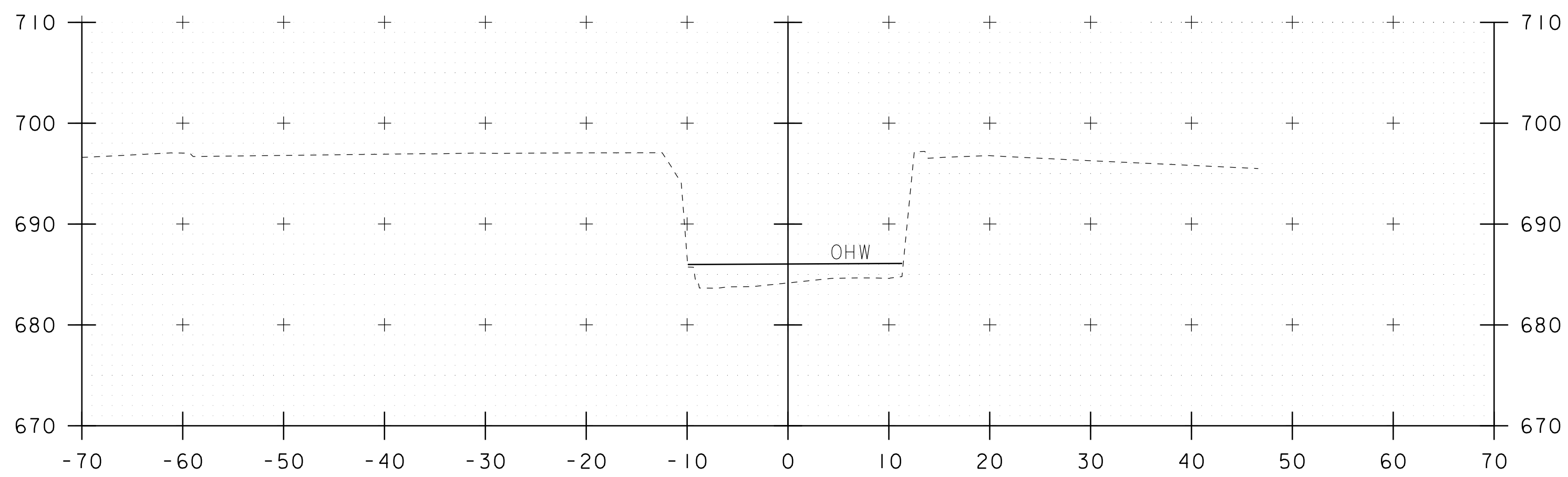
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PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280xs.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: -----
CHANNEL CROSS SECTIONS I	SHEET 12 OF 15



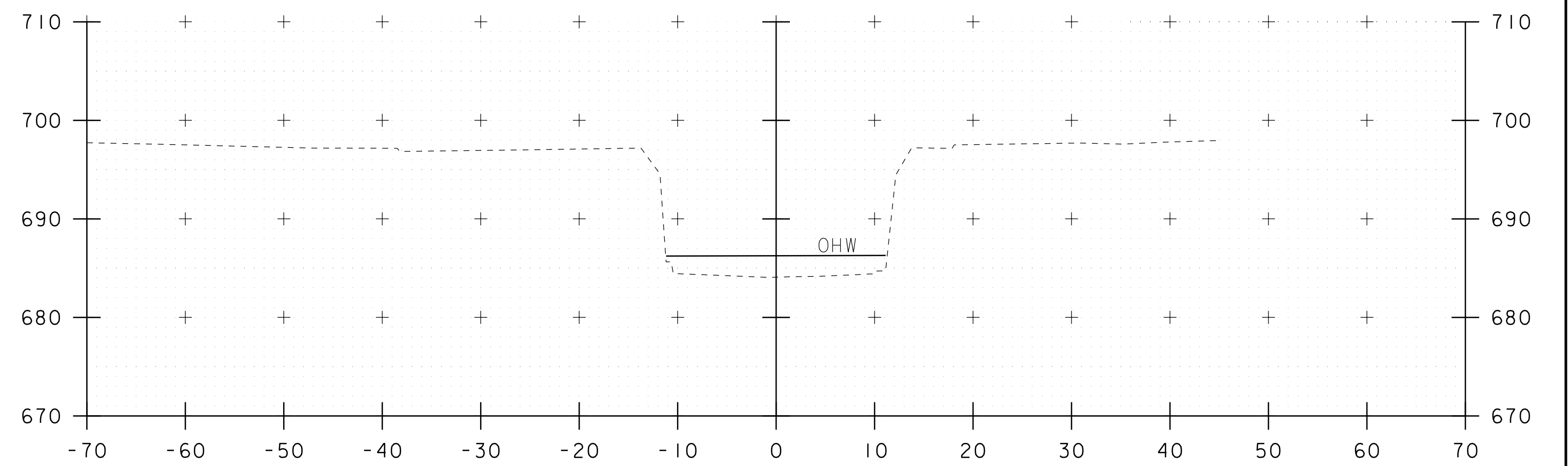
50+80



51+00



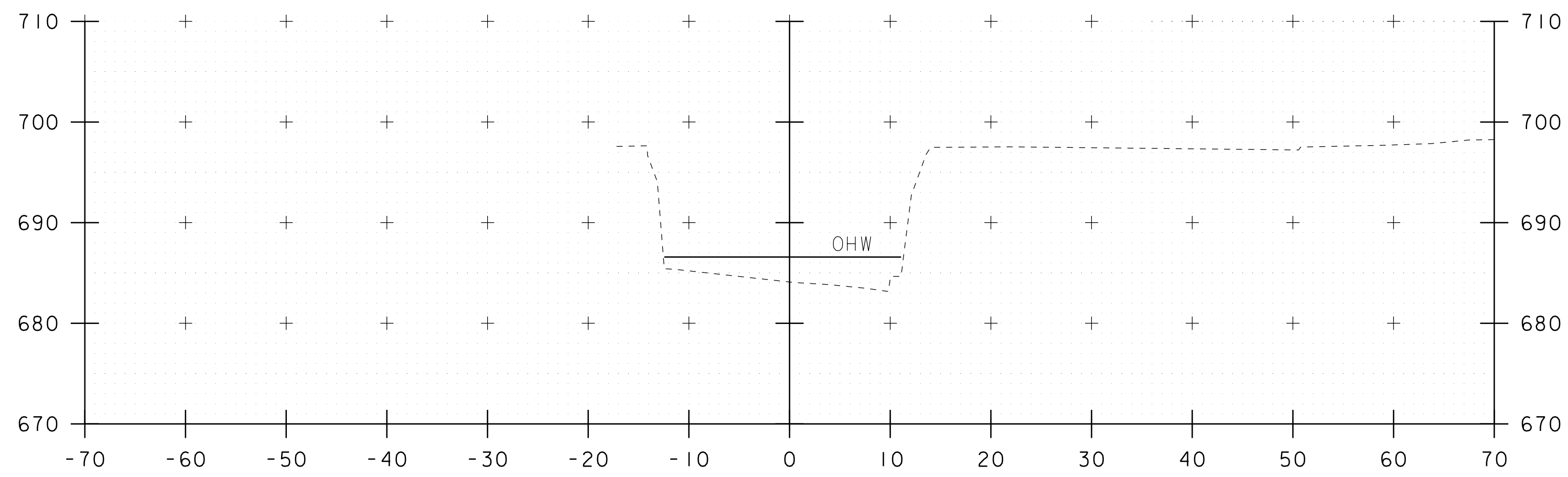
50+70



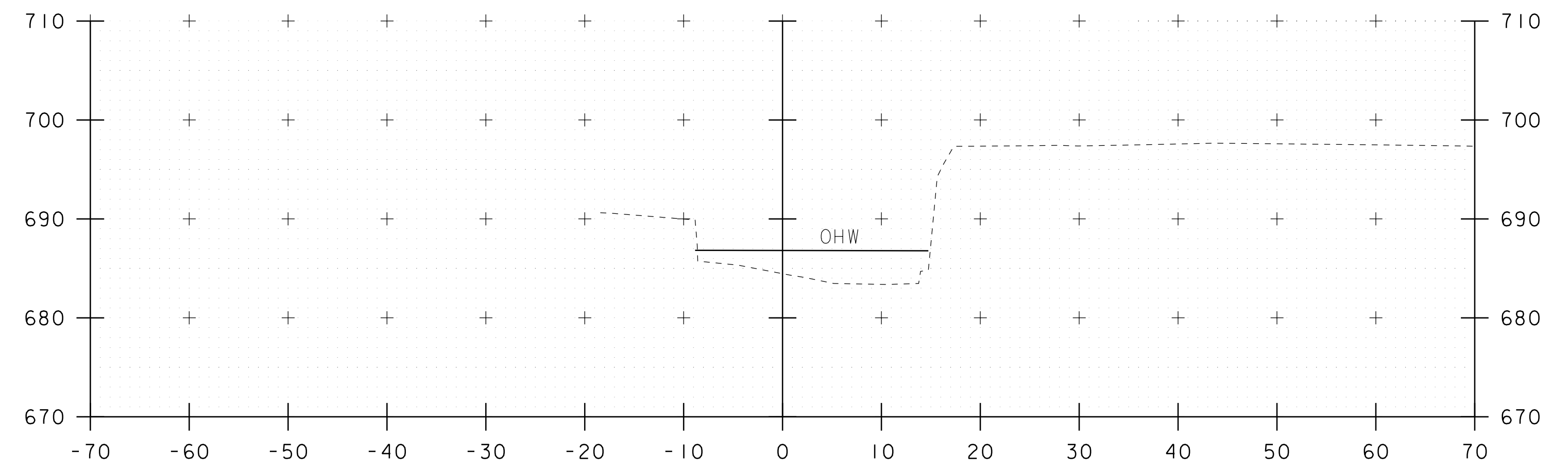
50+90

STA. 50+70 TO STA. 51+00

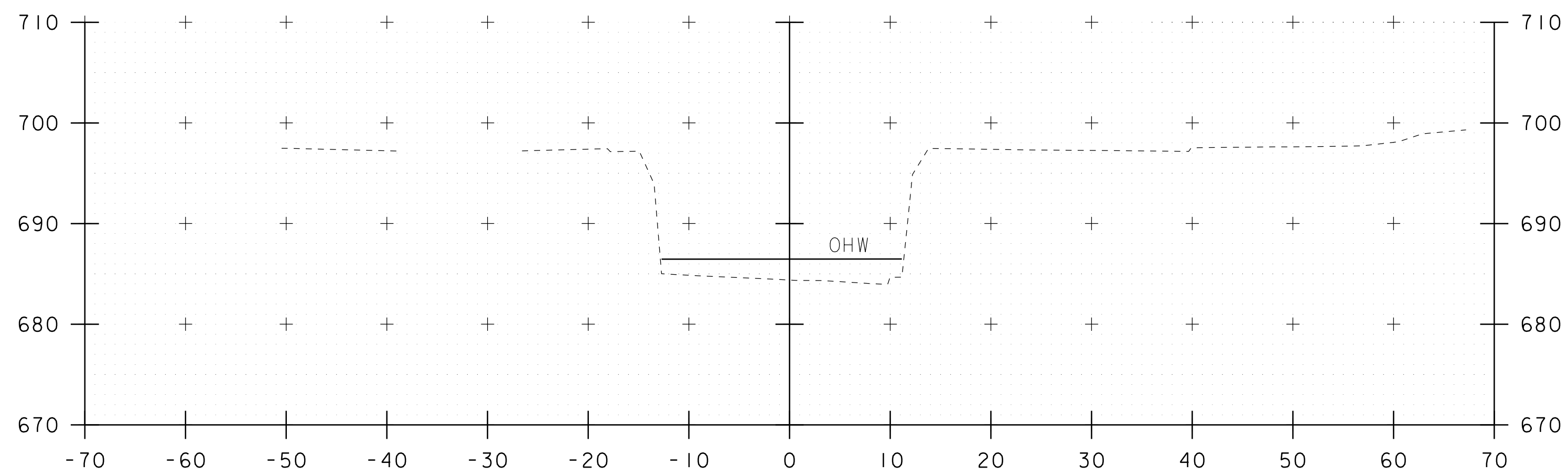
PROJECT NAME: WOODSTOCK	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280xs.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: -----
CHANNEL CROSS SECTIONS 2	SHEET 13 OF 15



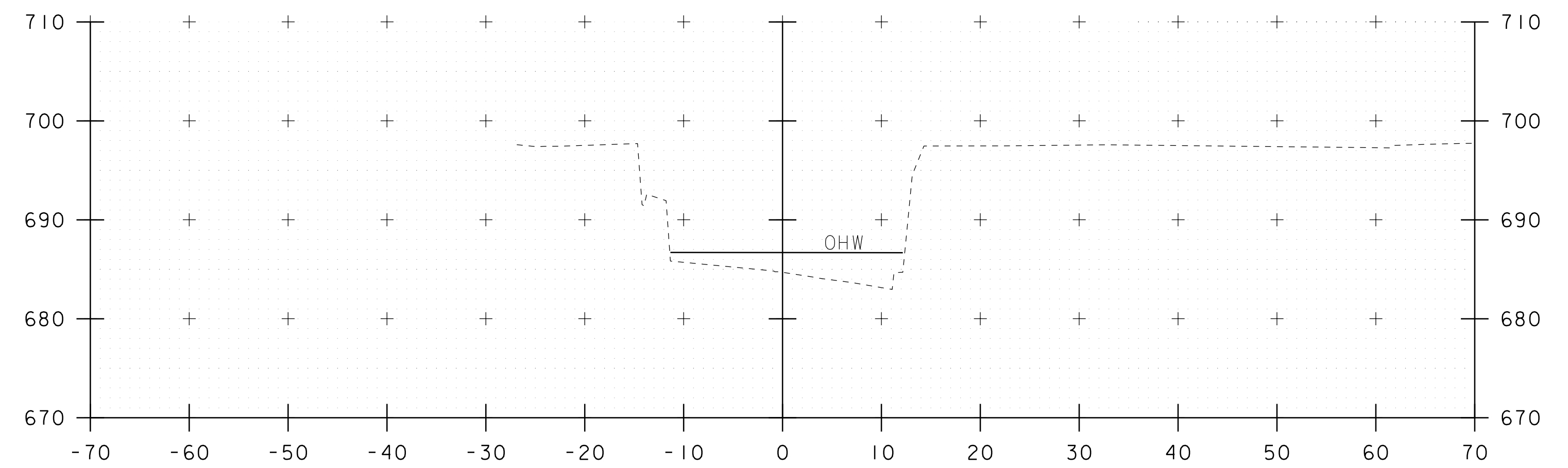
51+20



51+40



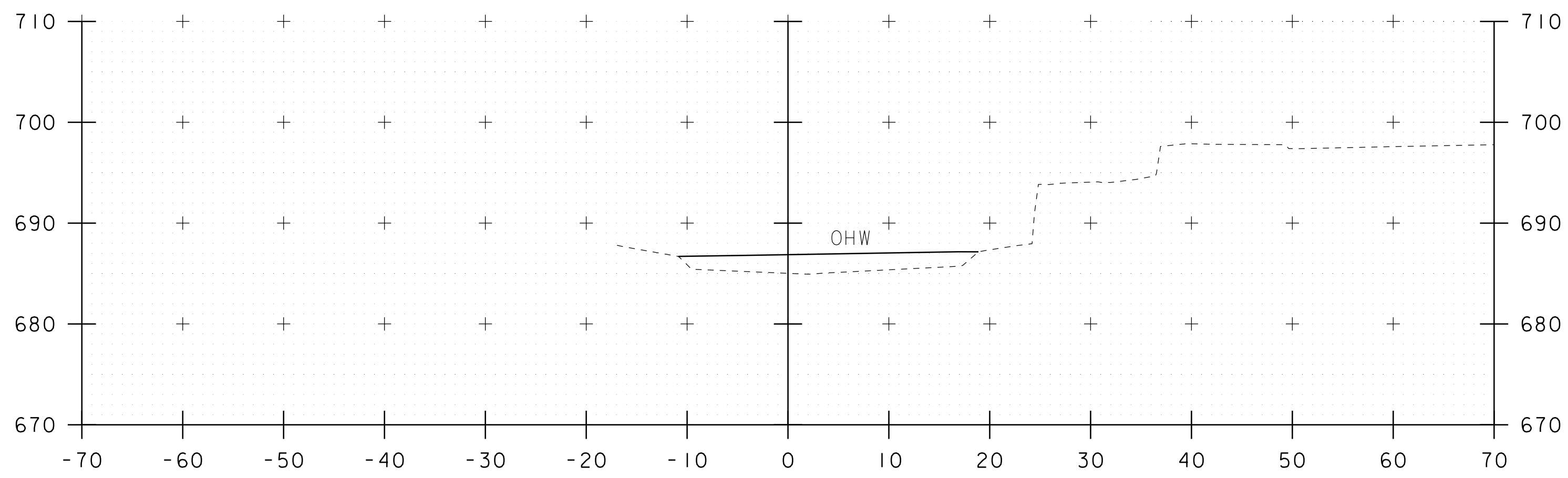
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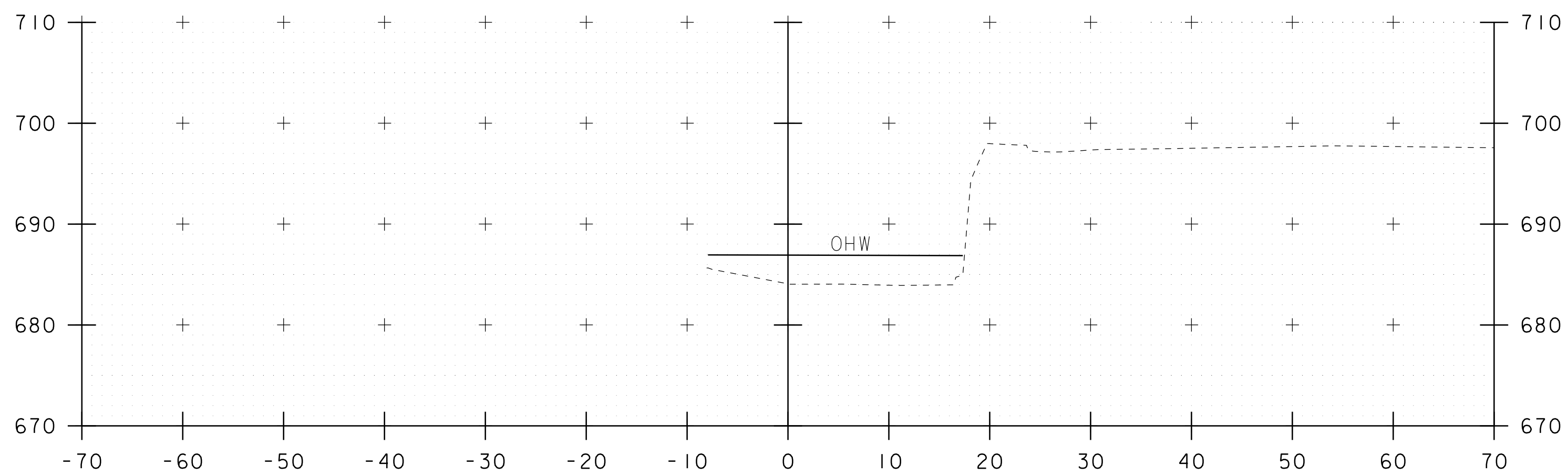
51+30

STA. 51+10 TO STA. 51+40

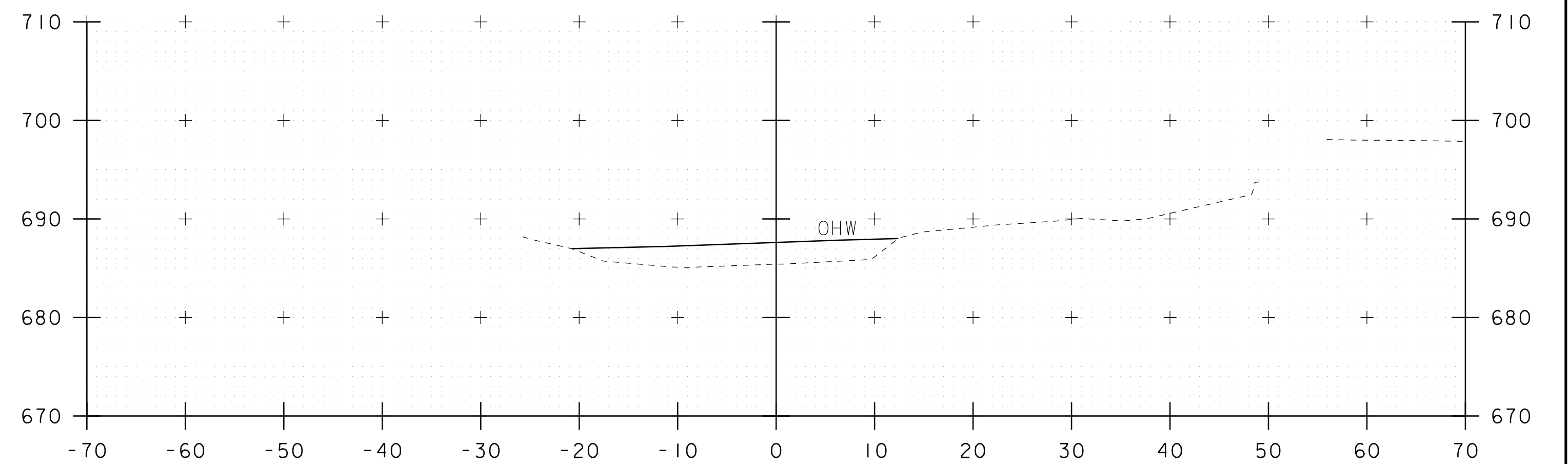
PROJECT NAME: WOODSTOCK	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280xs.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: -----
CHANNEL CROSS SECTIONS 3	SHEET 14 OF 15



51+75



51+50



52+00

STA. 51+50 TO STA. 52+00

PROJECT NAME: WOODSTOCK	
PROJECT NUMBER: BF 020-2(43)	
FILE NAME: sl3j280xs.dgn	PLOT DATE: 22-DEC-2015
PROJECT LEADER: R. YOUNG	DRAWN BY: T. MATTHEWS
DESIGNED BY: T. MATTHEWS	CHECKED BY: -----
CHANNEL CROSS SECTIONS 4	SHEET 15 OF 15