REVIEWER NOTES:

1. THE CONCEPTUAL CONSTRUCTION LIMITS SHOWN ON THESE PLANS ARE REPRESENTATIVE OF THE TOE OF SLOPE LIMITS AND CONCEPTUAL LIMITS OF IMPACT. THESE LIMITS WILL BE REVISED FOR PRELIMINARY PLANS.

2. FINAL HYDRAULICS HAVE NOT YET BEEN PROVIDED TO THE DESIGN TEAM. IT IS ANTICIPATED THESE WILL BE RECEIVED AND INCORPORATED INTO THE PRELIMINARY DESIGN, AS APPLICABLE.

3. GUARDRAIL END TREATMENTS AT THE BRIDGE WILL BE DETERMINED FOR PRELIMINARY PLANS.

4. PROPOSED CONSTRUCTION CENTERLINE SHIFTED SOUTH BETWEEN STATIONS 11+80 AND 13+90 TO TIE INTO TANGENT ACROSS BRIDGE.

5. CONCEPTUAL TEMPORARY BRIDGE LENGTH IS 160 FEET. TEMPORARY IN-STREAM CONSTRUCTION LIMITS INCLUDE AREA SUFFICIENT TO AID IN ERECTING THE TEMPORARY BRIDGE AND FOR CONSTRUCTING A TEMPORARY PIER IF REQUIRED BASED ON CONTRACTOR MEANS AND METHODS.

6. PROPOSED DRAINAGE IS SHOWN SINCE A DRAINAGE DITCH AND PIPE UNDER SALMON HOLE LANE IS REQUIRED DUE TO THE PROPOSED PROFILE IMPROVEMENTS TO ADDRESS OBSERVED BOTTOMING OUT OF TOW VEHICLES AND CAMPERS EXITING THE BRIDGE.

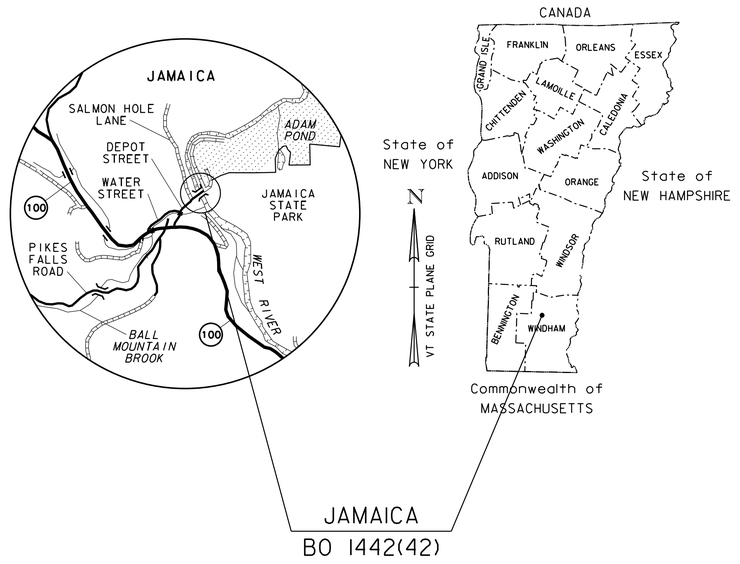
7. THE PROPOSED SIDE SLOPES BETWEEN STATIONS 12+25 - 14+00, RT HAVE BEEN DESIGNED TO TIE INTO EXISTING GROUND WITHIN THE EXISTING R.O.W. TO AVOID IMPACTS TO A POTENTIALLY HISTORIC AND ARCHAEOLOGICALLY SENSITIVE PROPERTY. ARCHAEOLOGICALLY SENSITIVE AREAS DELINEATED ON RESOURCE SITE PLAN.

8. SURVEY LIMITS ON SALMON HOLE LANE TO BE EXTENDED FOLLOWING CONCEPTUAL PLAN APPROVAL AND COORDINATION WITH VTRANS SURVEY FOR ADDITIONAL LIMITS.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
BRIDGE PROJECT

TOWN OF JAMAICA
COUNTY OF WINDHAM

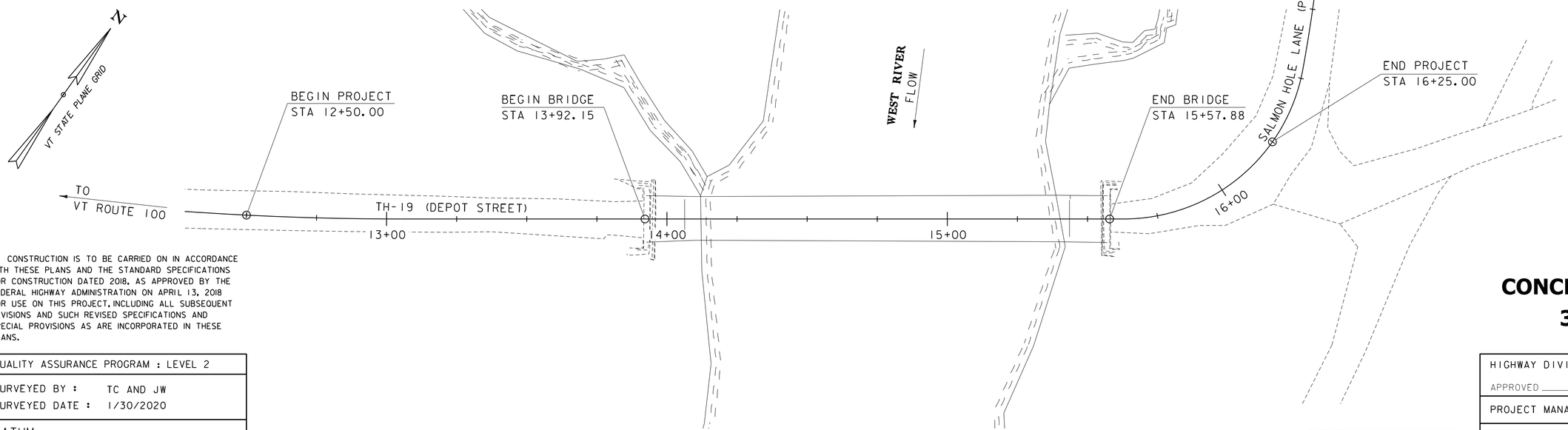


ROUTE NO: TOWN HIGHWAY 19 (DEPOT STREET) (CLASS 3) BRIDGE NO: 32

PROJECT LOCATION: DEPOT STREET, BRIDGE 32 OVER WEST RIVER, APPROXIMATELY 0.40 MILES NORTHEAST OF THE JUNCTION WITH VT ROUTE 100 IN THE TOWN OF JAMAICA

PROJECT DESCRIPTION: REHABILITATE BRIDGE NO. 32 ON TH-19 WITH RELATED APPROACH ROADWAY AND CHANNEL WORK
TEMPORARY BRIDGE WILL REQUIRE CHANNEL WORK

LENGTH OF BRIDGE:	165.73	FEET
LENGTH OF ROADWAY:	209.27	FEET
LENGTH OF PROJECT:	375.00	FEET



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 : TC AND JW SURVEYED DATE : 1/30/2020
DATUM VERTICAL NAVD 88 HORIZONTAL NAD83 (2011)

CONCEPTUAL PLANS
3/2/2022

HOYLE TANNER

HIGHWAY DIVISION, CHIEF ENGINEER APPROVED _____ DATE _____
PROJECT MANAGER : GARY LAROCHE
PROJECT NAME : JAMAICA PROJECT NUMBER : BO 1442(42)
SHEET 1 OF 20 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PRELIMINARY INFORMATION SHEET (BRIDGE)

Version
LFD

INDEX OF SHEETS

PLAN SHEETS

DETAIL SHEETS

STANDARDS LIST

FINAL HYDRAULIC REPORT

TRAFFIC MAINTENANCE NOTES

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

DESIGN VALUES

1.	DESIGN LIVE LOAD		H-20
2.	FUTURE PAVEMENT	d_p:	0.0 INCH
3.	DESIGN SPAN	L:	165.00 FT
4.	MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS)	Δ:	---
5.	PRESTRESSING STRAND	f_y:	---
6.	PRESTRESSED CONCRETE STRENGTH	f'_c:	---
7.	PRESTRESSED CONCRETE RELEASE STRENGTH	f'_{ci}:	---
8.	HIGH PERFORMANCE CONCRETE, CLASS PCD	f'_c:	---
9.	HIGH PERFORMANCE CONCRETE, CLASS PCS	f'_c:	---
10.	CONCRETE HIGH PERFORMANCE, CLASS SCC	f'_c:	---
11.	CONCRETE, CLASS C	f'_c:	---
12.	REINFORCING STEEL	f_y:	60 KSI
13.	STRUCTURAL STEEL AASHTO M270 (PAINTED)	f_y:	50 KSI
14.	NOMINAL BEARING RESISTANCE OF SOIL	q_n:	---
15.	SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD)	ϕ:	---
16.	NOMINAL BEARING RESISTANCE OF ROCK	q_n:	---
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.			---

LFR LOAD RATING FACTORS

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

TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT
2023	260	70	58	5.8	15
2043	280	75	58	8.6	25

20 year ESAL for flexible pavement from 2023 to 2043 : 27000

40 year ESAL for flexible pavement from 2023 to 2063 : 59000

Design Speed : 15 mph

AS BUILT "REBAR" DETAIL

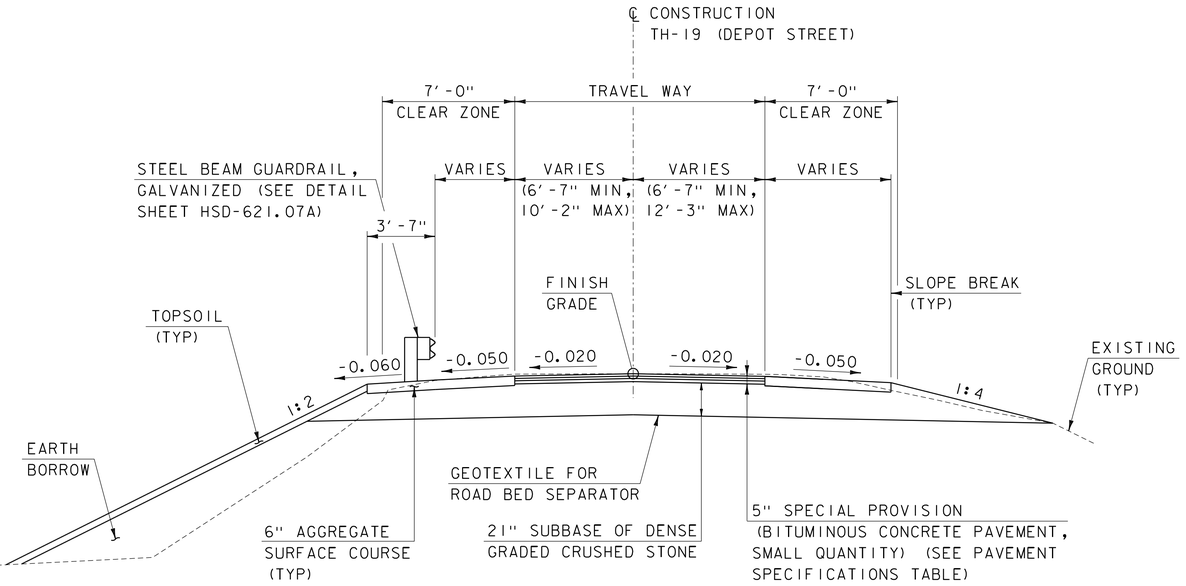
LEVEL I	LEVEL II	LEVEL III
TYPE:	TYPE:	TYPE:
GRADE:	GRADE:	GRADE:

HOYLE TANNER

PROJECT NAME: JAMAICA
PROJECT NUMBER: BO 1442(42)

FILE NAME: z19j226pi.dgn
PROJECT LEADER: S.JAMES
DESIGNED BY: B.SCHORN
PRELIMINARY INFORMATION SHEET

PLOT DATE: 3/2/2022
DRAWN BY: P.DUSTIN
CHECKED BY: E.WEINGARTNER
SHEET 2 OF 20



PROPOSED TH-19 TYPICAL SECTION

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

PAVEMENT SPECIFICATIONS

	THICKNESS	DESCRIPTION
BINDER	70-28	PERFORMANCE GRADE ASPHALT BINDER
GYRATION	50	DESIGN NUMBER OF GYRATIONS
WEARING COURSE	1½"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY (TYPE IVS)
INTERMEDIATE COURSE	1½"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY (TYPE IVS)
BASE COURSE	2"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY (TYPE IIIS)

MATERIAL TOLERANCES

(IF USED ON PROJECT)

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

NOTES

1. PROPOSED TH-19 TYPICAL SECTION IS A GENERAL REPRESENTATION OF TYPICAL ROADWAY MATERIALS AND SLOPES. REFER TO THE LAYOUT SHEETS FOR LOCATION OF GUARDRAIL AND SLOPE TIE IN LOCATIONS.

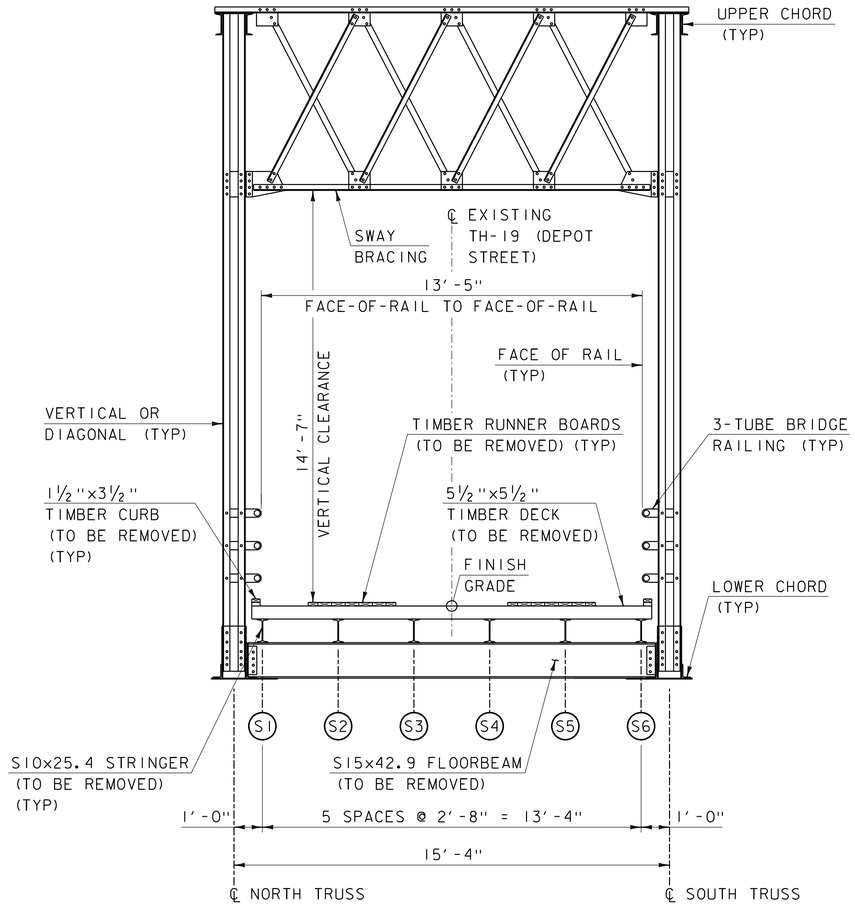
2. EMULSIFIED ASPHALT IS TO BE APPLIED AT A RATE OF 0.025 GAL/SY BETWEEN SUCCESSIVE COURSES OF NEW PAVEMENT AND 0.08 GAL/SY ON COLD PLANED SURFACES AS DIRECTED BY THE ENGINEER.

HOYLE TANNER

PROJECT NAME: JAMAICA
PROJECT NUMBER: BO 1442(42)

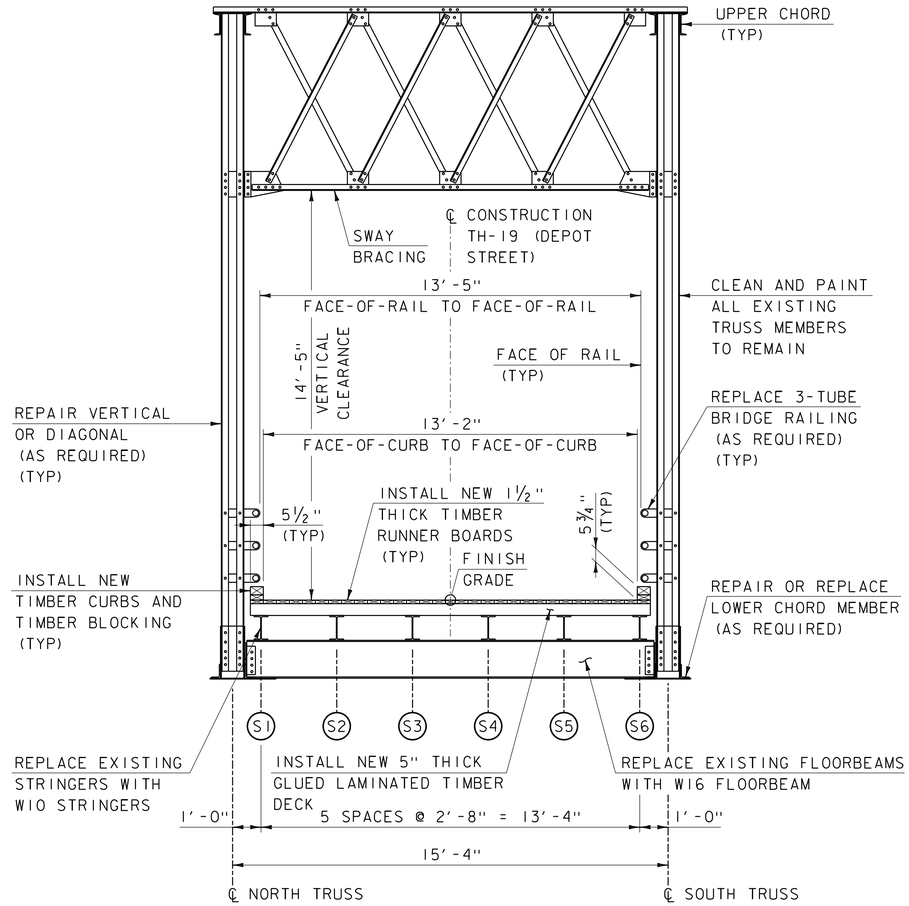
FILE NAME: z19j226typ.dgn
PROJECT LEADER: S.JAMES
DESIGNED BY: B.SCHORN
TYPICAL SECTIONS 1

PLOT DATE: 3/2/2022
DRAWN BY: P.DUSTIN
CHECKED BY: E.WEINGARTNER



EXISTING TYPICAL BRIDGE SECTION

SCALE: ⅜" = 1′-0"



REHABILITATED TYPICAL BRIDGE SECTION

SCALE: ⅜" = 1′-0"

NOTES

1. PROPOSED BRIDGE REHABILITATION WORK INCLUDES:
   - TIMBER DECK REPLACEMENT
   - STRINGER REPLACEMENT
   - FLOOR BEAM REPLACEMENT
   - TRUSS LOWER CHORD MEMBERS L8-L9 REPLACEMENT
   - LOWER LATERAL BRACING MEMBER REPLACEMENT IN PANELS 0 AND 9
   - TRUSS MEMBER AND GUSSET PLATE REPAIR OR REPLACEMENT AS REQUIRED
   - ROCKER/ROLLER BEARING AND ANCHOR BOLT REPLACEMENT
   - BRIDGE RAIL REPAIR
   - EXISTING PAINT REMOVAL AND REPAINTING
   - ABUTMENT REPAIR AND BACKWALL MODIFICATION

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)
FILE NAME: zl9j226typ.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: B.SCHORN	CHECKED BY: E.WEINGARTNER
TYPICAL SECTIONS 2	SHEET 4 OF 20

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
- Ⓗ 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

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)
FILE NAME: zl9j226leg.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: B.SCHORN	CHECKED BY: E.WEINGARTNER
CONVENTIONAL SYMBOLOGY LEGEND	SHEET 5 OF 20

N

VT STATE PLANE GRID

WEST RIVER FLOW

TEMPORARY CONCEPTUAL CONSTRUCTION LIMITS (TYP)

CONCEPTUAL TEMPORARY SLOPE LIMITS (TYP)

REALIGNED STREAM

℄ TEMPORARY BRIDGE AND DETOUR

50' RIPARIAN BUFFER

POB STA 10+82.98

PC STA 11+24.00

BEGIN APPROACH STA 11+50.00

TO VT ROUTE 100

HARDWOODS SOFTWOODS

PT STA 13+04.98

TH-19 (DEPOT STREET) CURVE (1)

N54°29'52.07"E

APPROX. EXISTING TOWN R.O.W.

℄ CONSTRUCTION

PI STA 12+14.69

BEGIN PROJECT STA 12+50.00

CONCEPTUAL SLOPE LIMITS (TYP)

CONCEPTUAL CONSTRUCTION LIMITS (TYP)

BEGIN BRIDGE STA 13+92.15

STA 14+75.00= CHAN 51+25.00 Δ = 90°0''0'' RT

EDGE OF RIVER (TYP)

POB STA 50+00.00

END APPROACH STA 17+27.50

TO JAMAICA STATE PARK (DEAD END)

POE STA 17+30.00

PT STA 17+18.12

PROPOSED DRAIN PIPE

PROPOSED DITCH

PROPOSED CATCH BASIN

HARDWOODS SOFTWOODS

PC STA 15+62.86

CURVE (3) (PVT)

SALMON HOLE LANE (PVT)

CURVE (2)

PCC STA 16+53.14

(APPROX. EXISTING TOWN R.O.W.)

END PROJECT STA 16+25.00

PI STA 16+27.61

END BRIDGE STA 15+57.88

MAINTAIN FENCE

PROPOSED 4' PAVED APRON

S35°30'08"E

POE STA 52+50.00

50' RIPARIAN BUFFER

10+83 11+00 12+00 13+00 14+00 15+00 16+00 50+00 51+00 52+00 52+50

13'-2"

EXISTING BRIDGE INFORMATION
BUILT 1926, SINGLE SPAN
172' THRU STEEL TRUSS
MAX SPAN 165' 14' WIDTH
WOOD DECK. 8 TON LIMIT

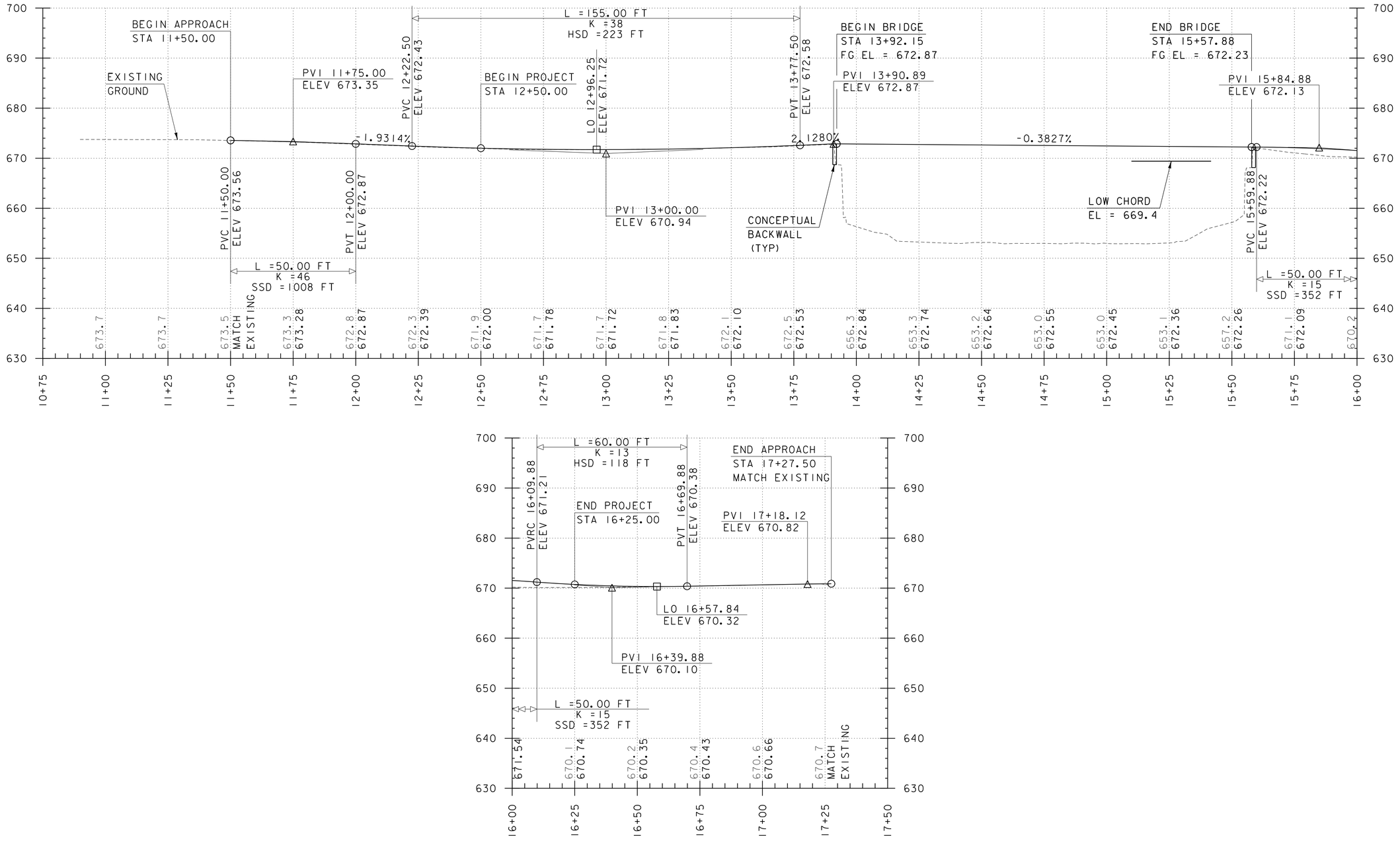
TH-19 CURVE DATA

CURVE (1)	CURVE (2)	CURVE (3)
DELTA = 9°25'38"	DELTA = 86°36'08"	DELTA = 86°36'08"
D = 5°12'31"	D = 88°08'50"	D = 10°48'38"
R = 1100.00'	R = 65.00'	R = 530.00'
T = 90.70'	T = 64.75'	T = 117.92'
L = 180.99'	L = 90.28'	L = 64.99'
E = 3.73'	E = 26.75'	E = 26.75'

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

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)
FILE NAME: z19j226bdr_nepa.dgn	PLOT DATE: 3/14/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
LAYOUT SHEET	SHEET 1 OF 1



TH-19 PROFILE

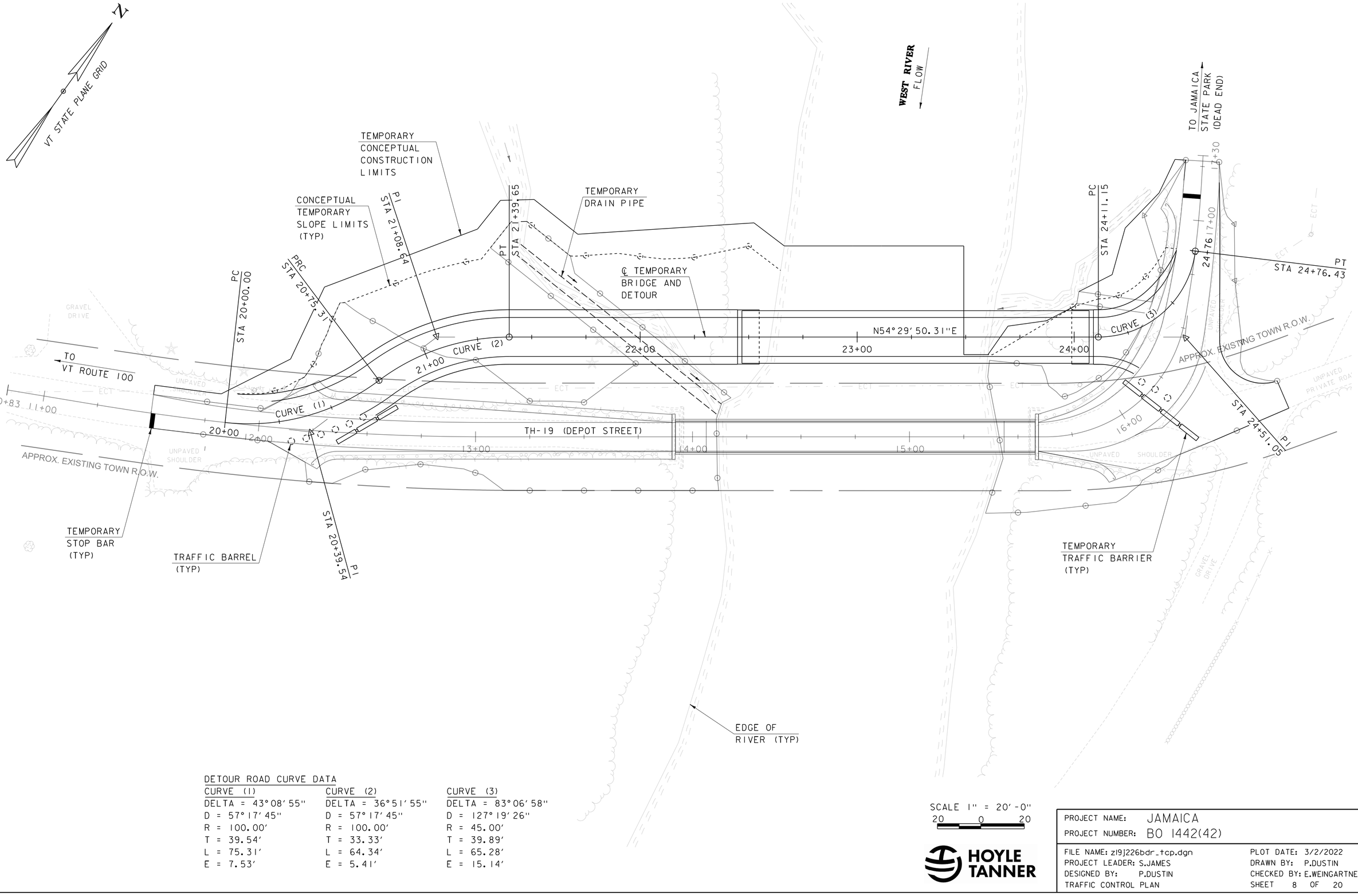
SCALE: HORIZONTAL 1" = 20'-0"
VERTICAL 1" = 10'-0"

GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND

GRADES SHOWN TO THE NEAREST HUNDREDTH ARE FINISH GRADE

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)
FILE NAME: z19j226pro.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
PROFILE SHEET	SHEET 7 OF 20



DETOUR ROAD CURVE DATA

CURVE (1)	CURVE (2)	CURVE (3)
DELTA = 43°08'55"	DELTA = 36°51'55"	DELTA = 83°06'58"
D = 57°17'45"	D = 57°17'45"	D = 127°19'26"
R = 100.00'	R = 100.00'	R = 45.00'
T = 39.54'	T = 33.33'	T = 39.89'
L = 75.31'	L = 64.34'	L = 65.28'
E = 7.53'	E = 5.41'	E = 15.14'

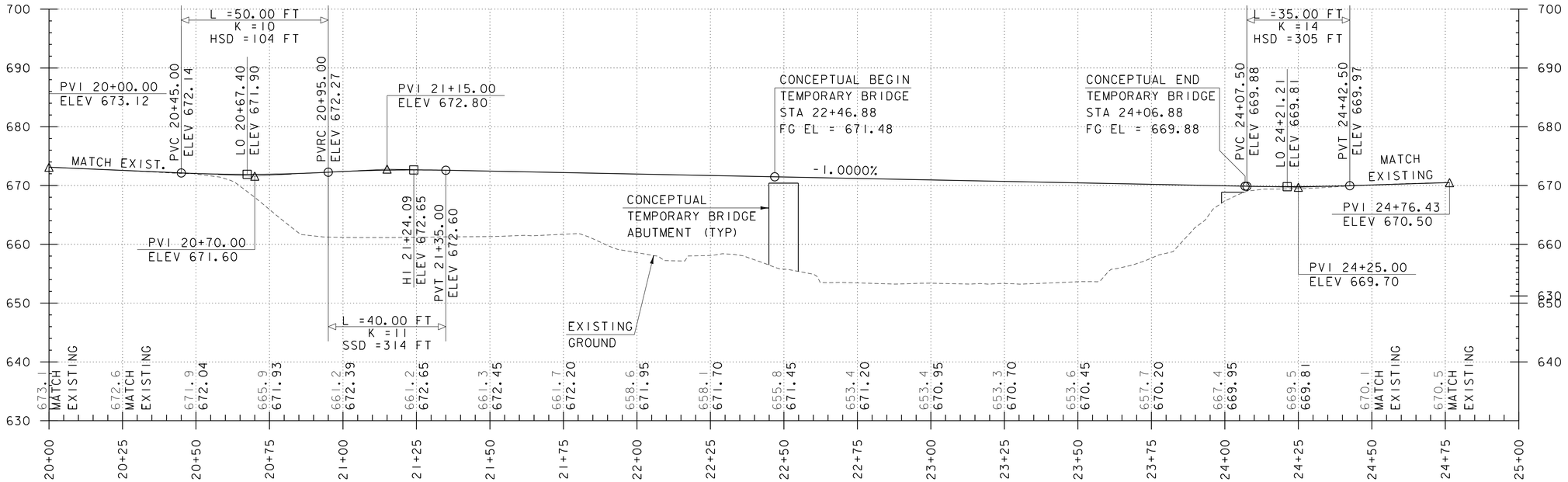
SCALE 1" = 20'-0"
20 0 20

HOYLE TANNER

PROJECT NAME: JAMAICA
PROJECT NUMBER: BO 1442(42)

FILE NAME: z19j226bdr_tcp.dgn
PROJECT LEADER: S.JAMES
DESIGNED BY: P.DUSTIN
TRAFFIC CONTROL PLAN

PLOT DATE: 3/2/2022
DRAWN BY: P.DUSTIN
CHECKED BY: E.WEINGARTNER
SHEET 8 OF 20



TEMPORARY DETOUR PROFILE

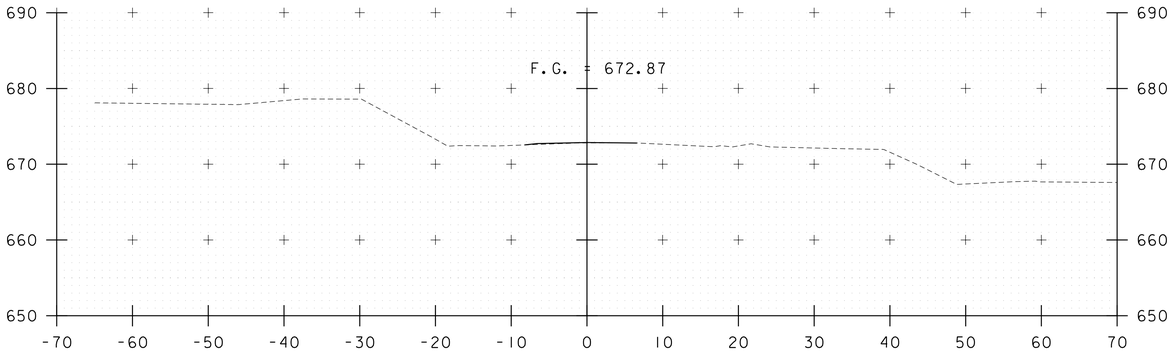
SCALE: HORIZONTAL 1" = 20'-0"
VERTICAL 1" = 10'-0"

GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND

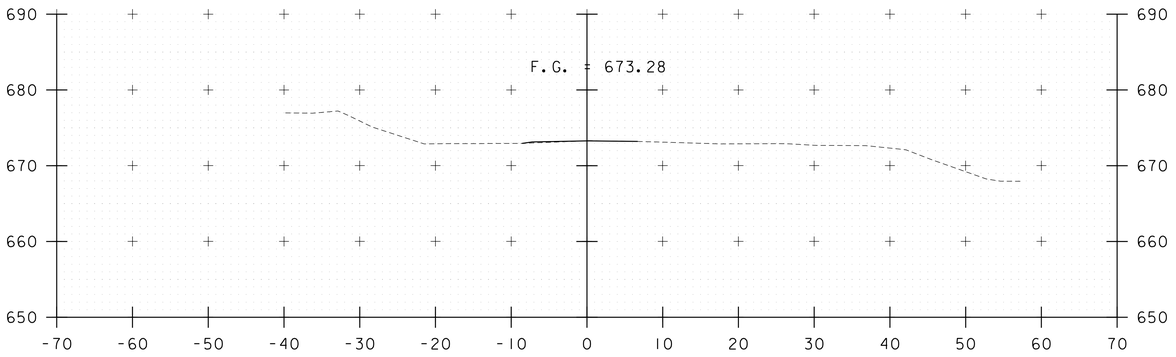
GRADES SHOWN TO THE NEAREST HUNDREDTH ARE FINISH GRADE

HOYLE TANNER

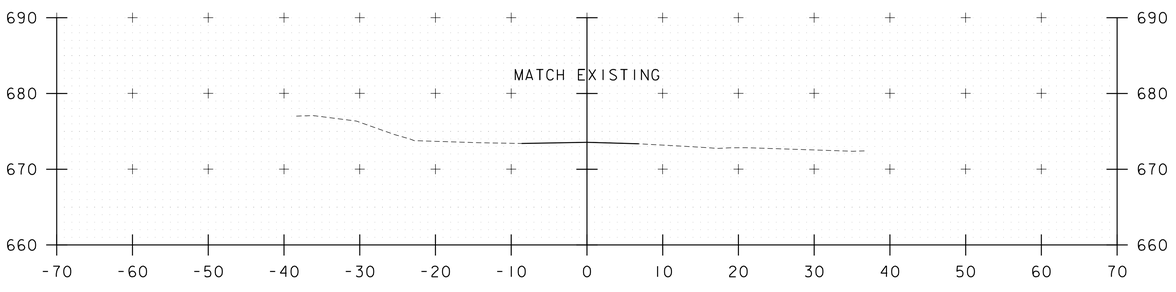
PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226pro.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TEMPORARY DETOUR PROFILE SHEET	SHEET 9 OF 20



12+00

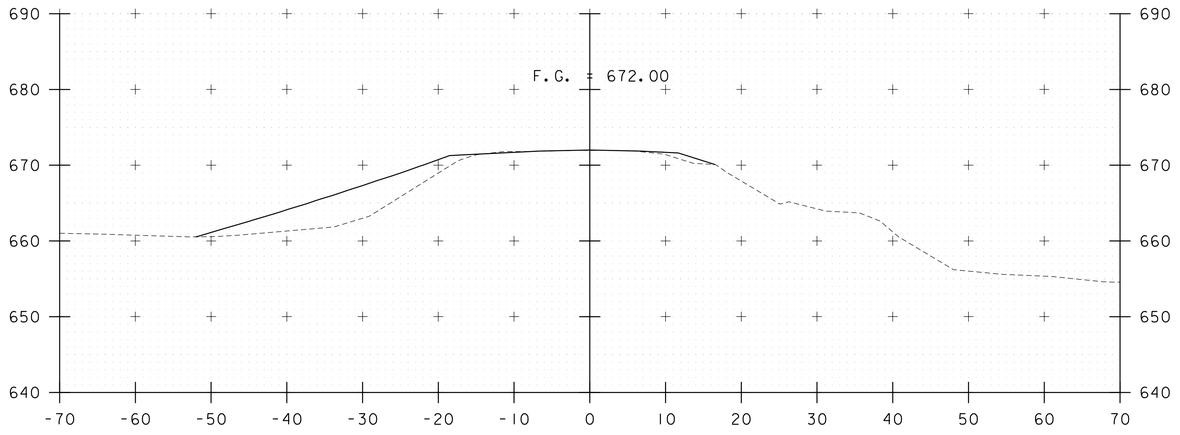


11+75



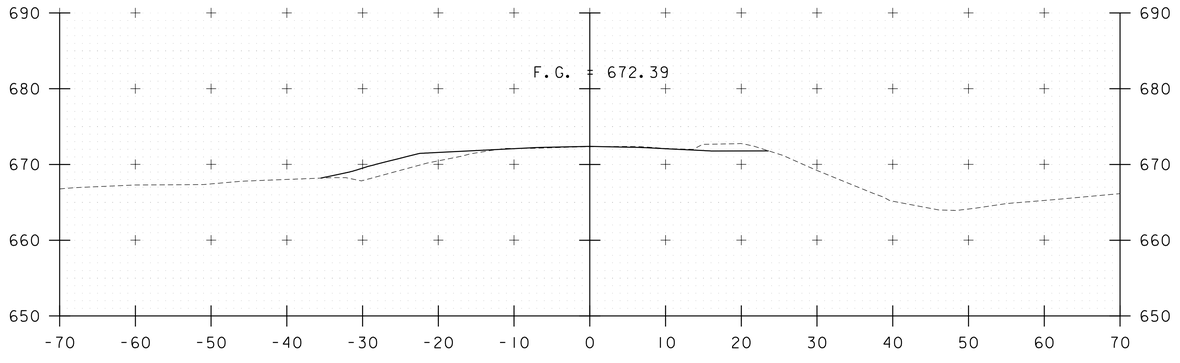
BEGIN APPROACH
STA 11+50.00
MATCH EXISTING

11+50



BEGIN PROJECT
STA 12+50.00

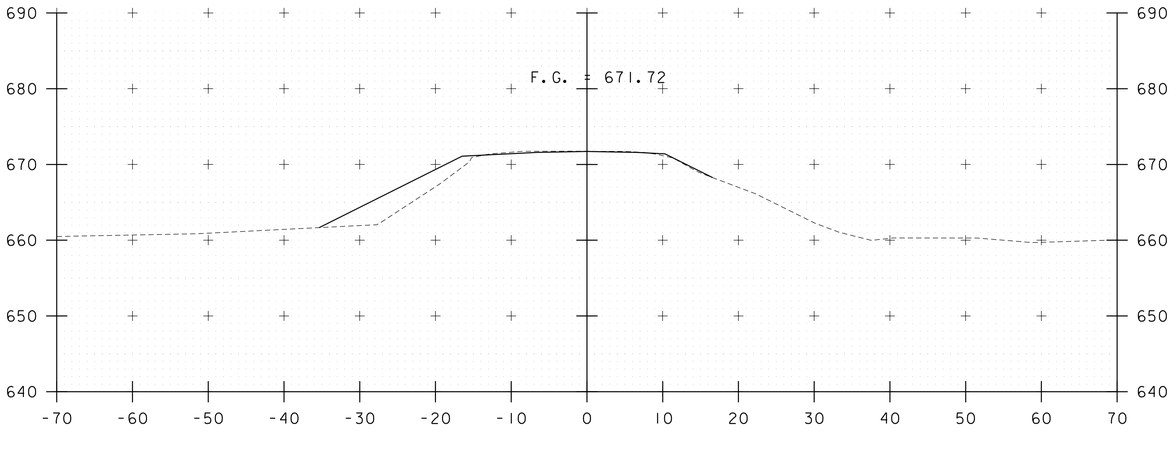
12+50



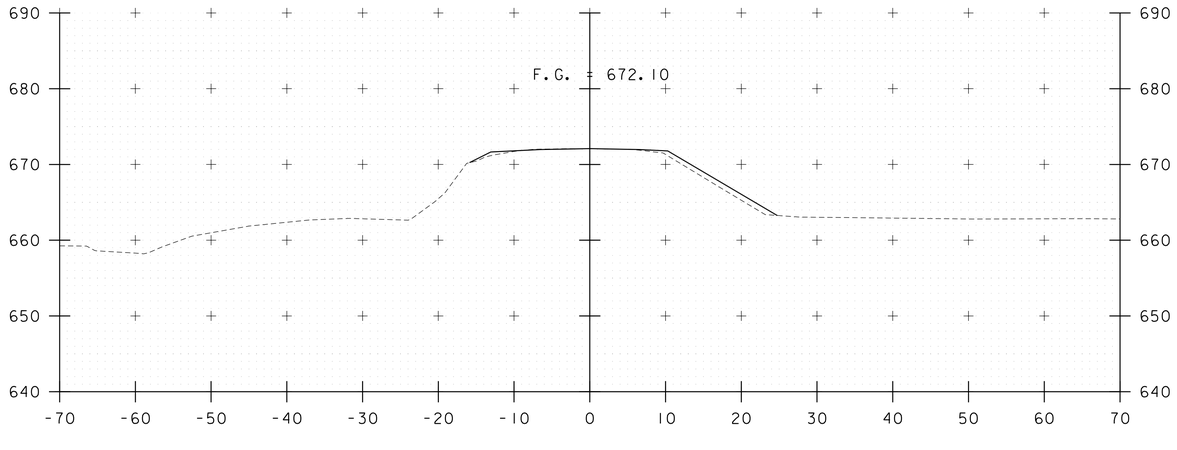
12+25

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)
FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 1	SHEET 10 OF 20



13+00



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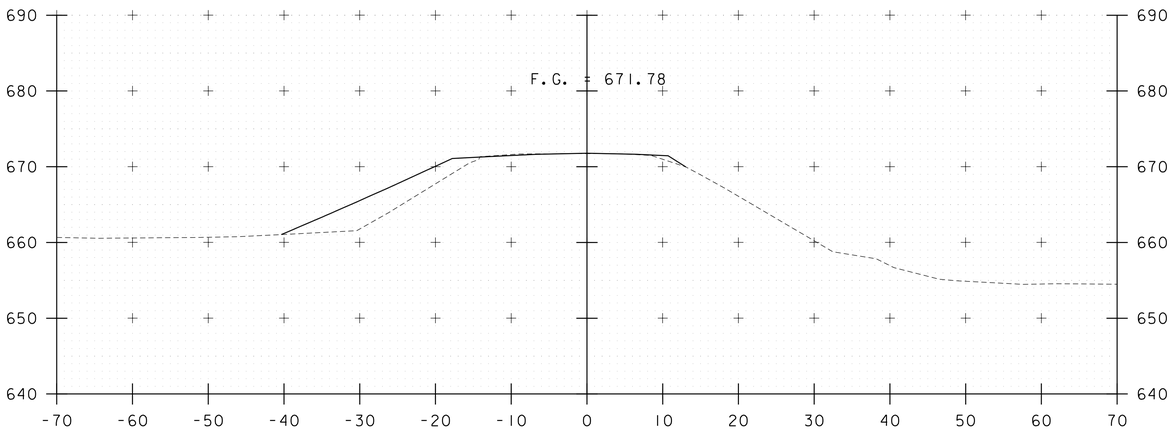
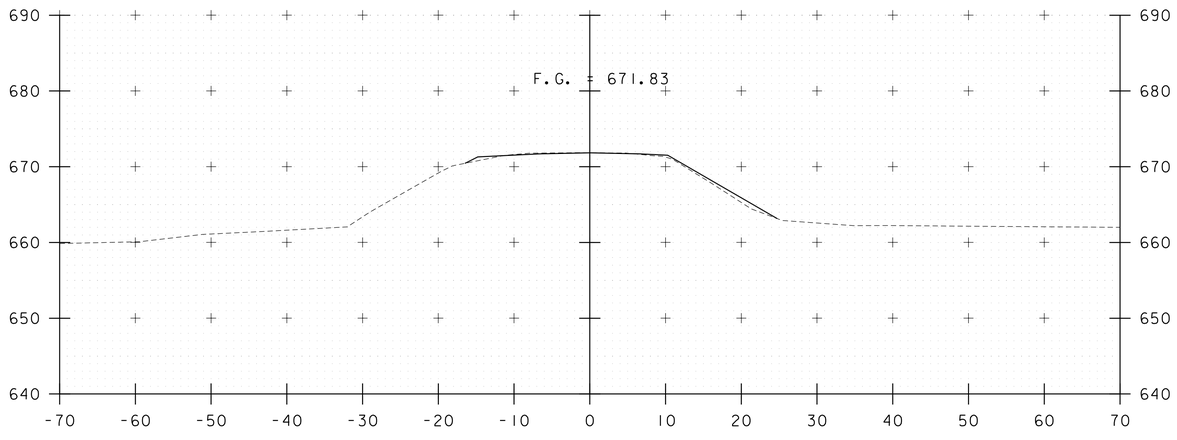


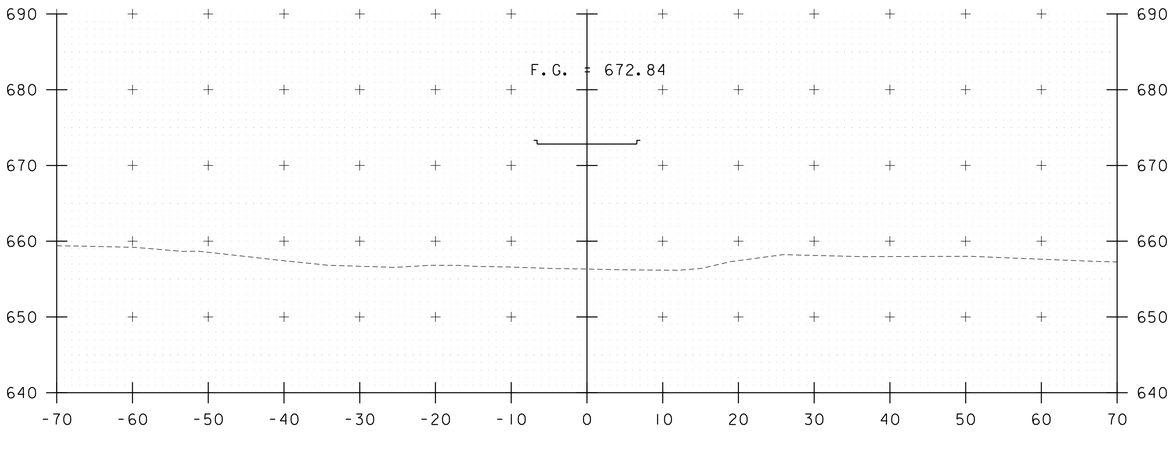
12+75

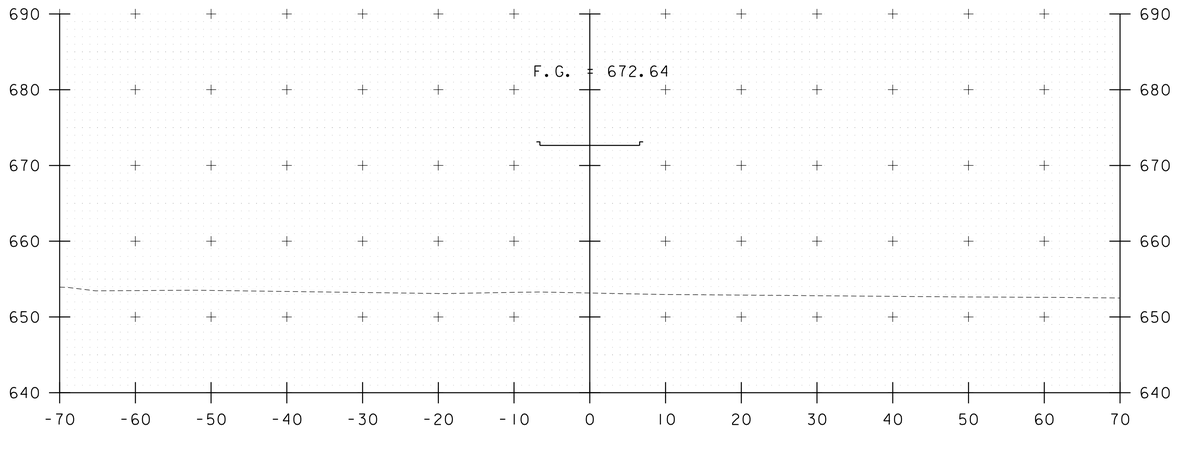


13+25

HOYLE TANNER

PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 2	SHEET 11 OF 20





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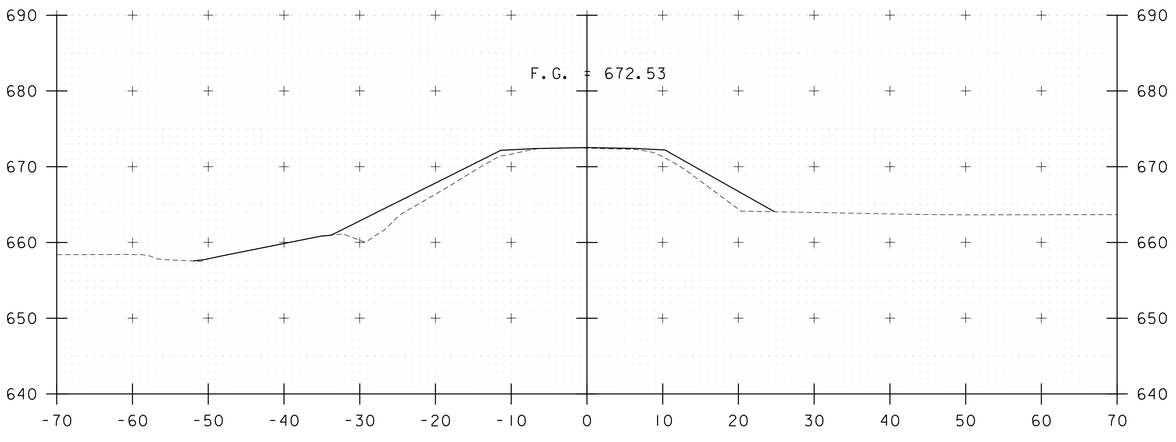

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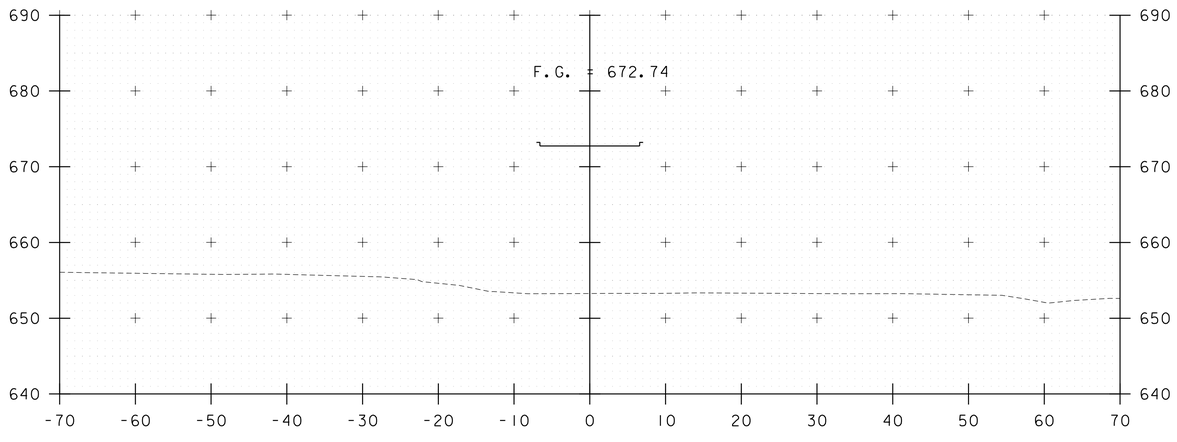
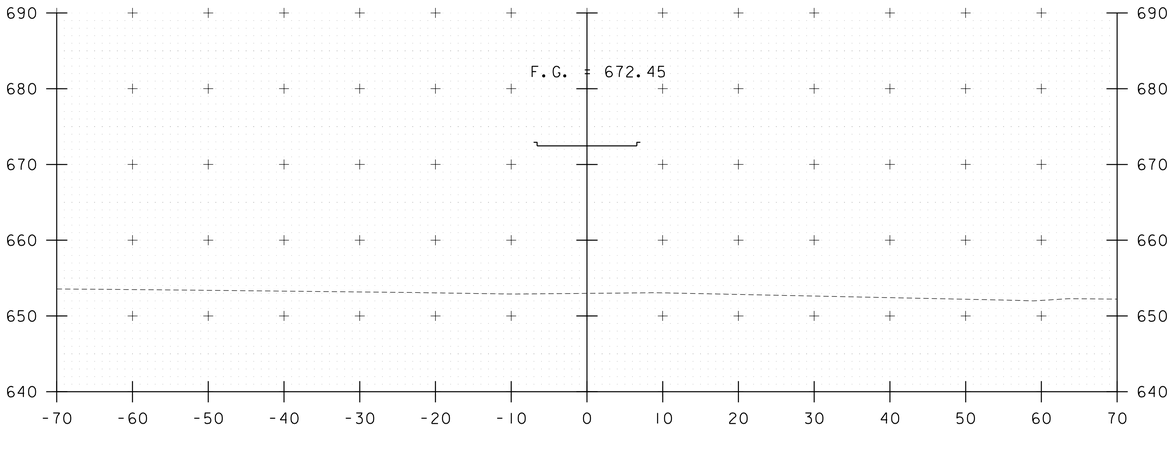


13+75

14+25

HOYLE TANNER

PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 3	SHEET 12 OF 20



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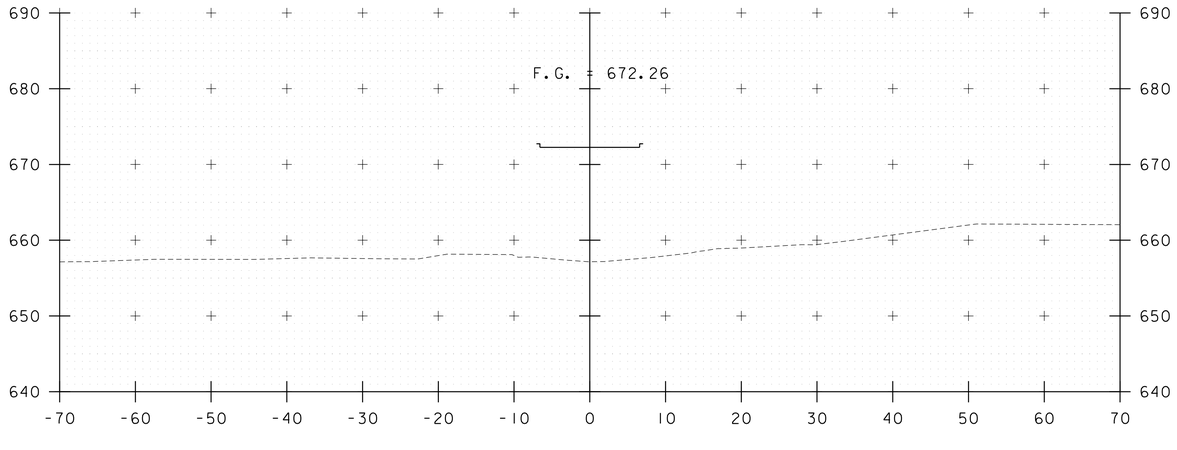

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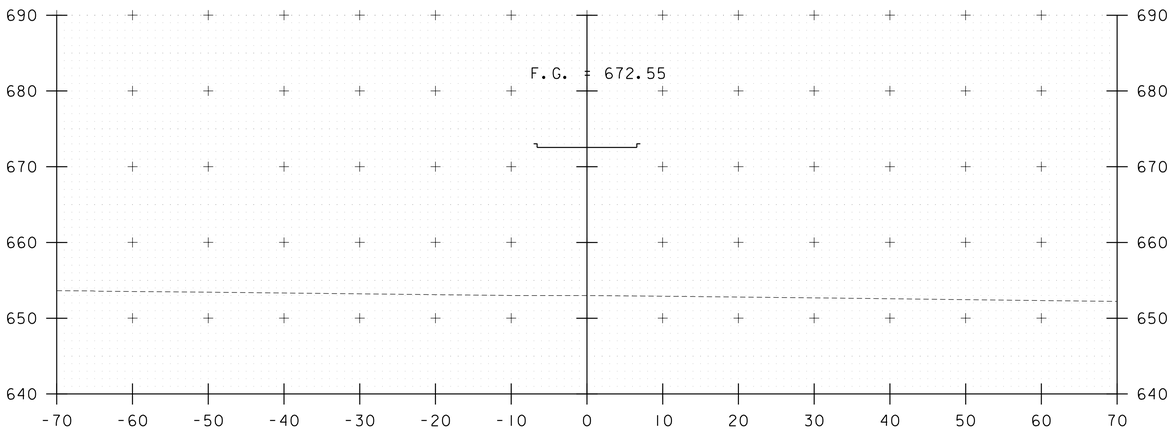
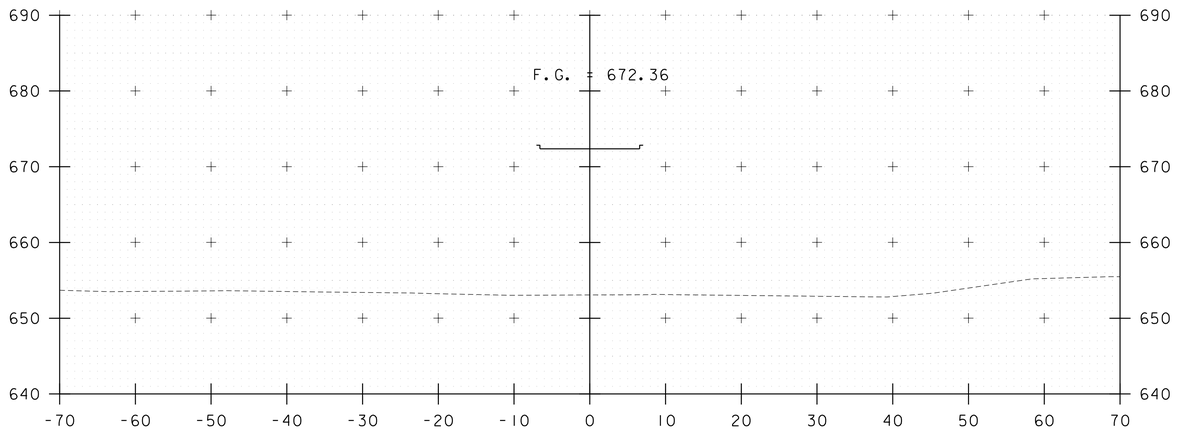


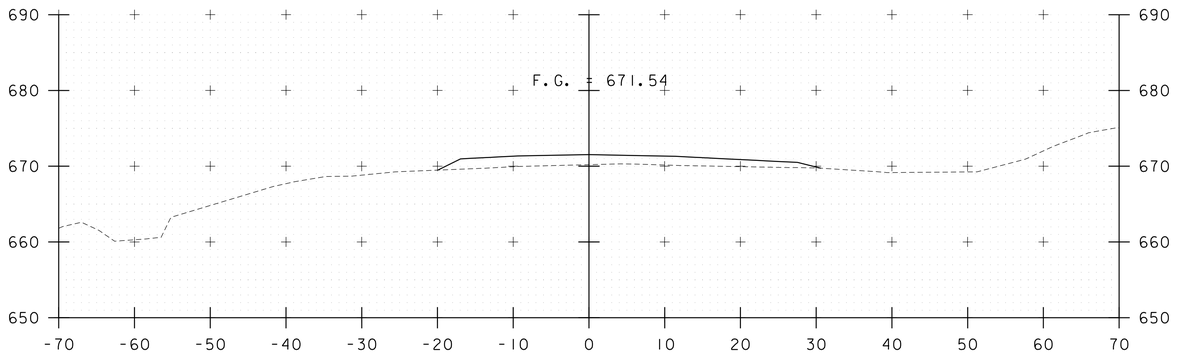
14+75



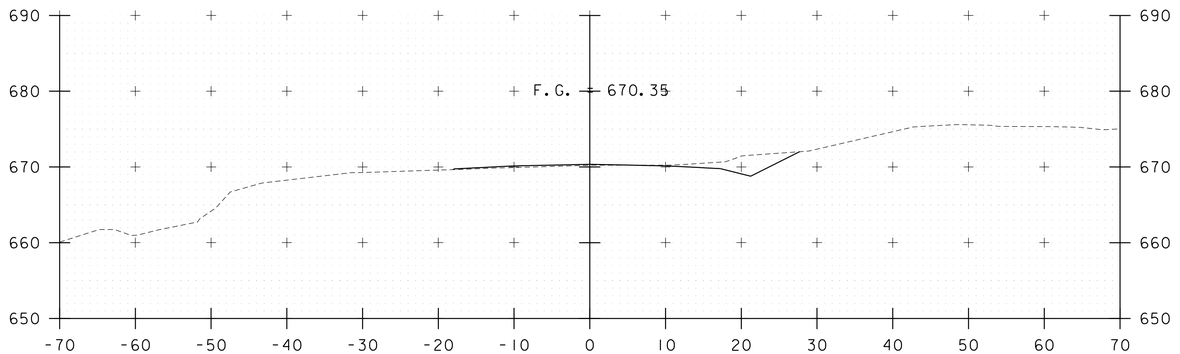
15+25

HOYLE TANNER

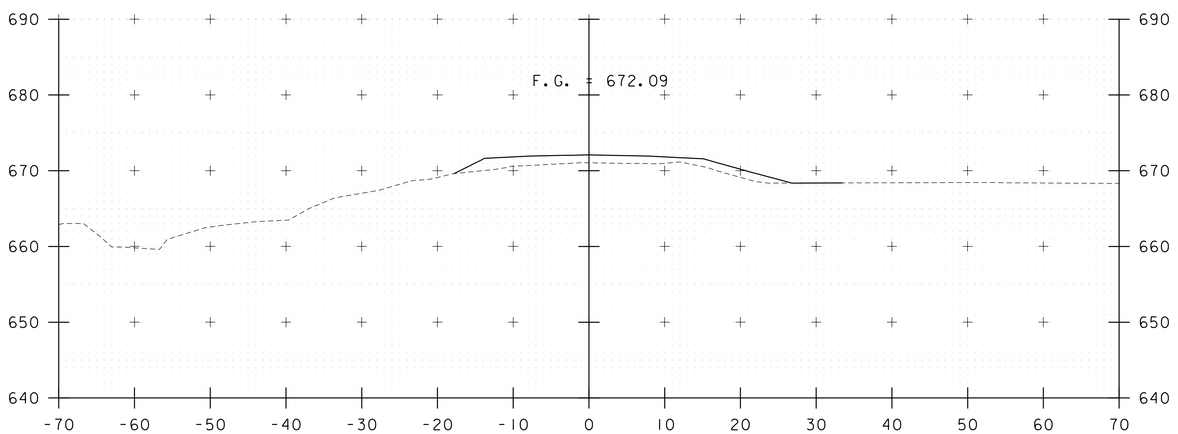
PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 4	SHEET 13 OF 20



16+00



16+50



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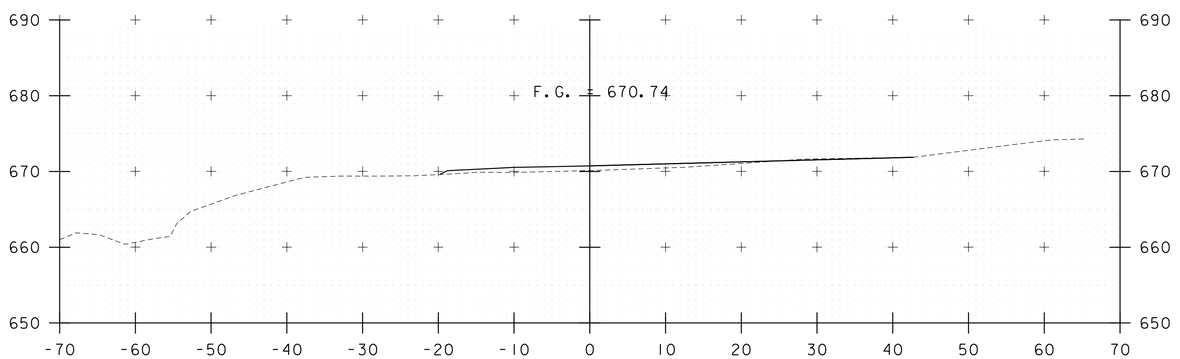


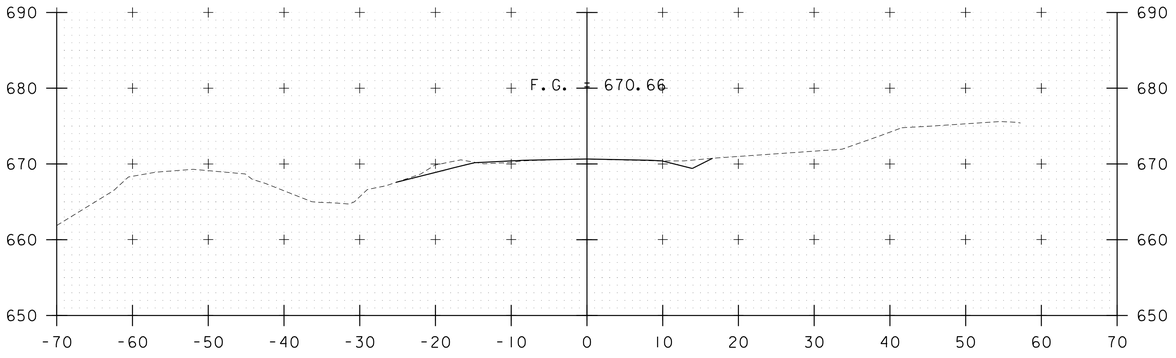
END PROJECT
STA 16+25.00

16+25

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)

FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 5	SHEET 14 OF 20



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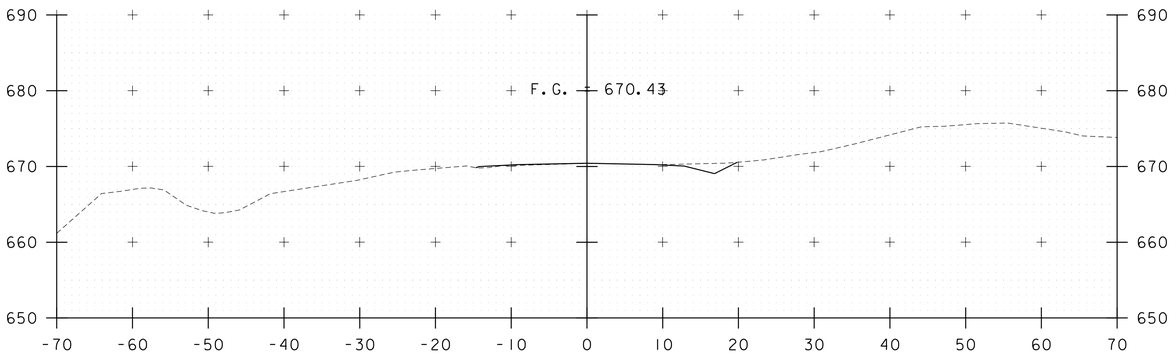
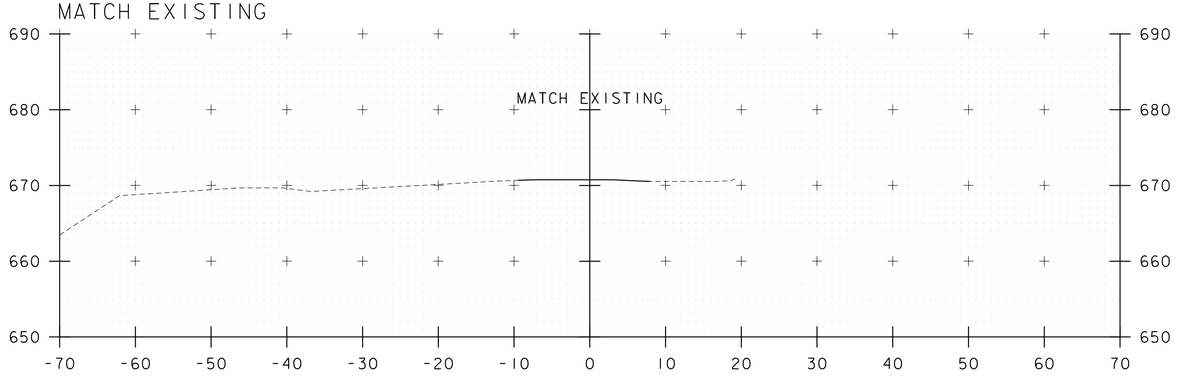


16+75

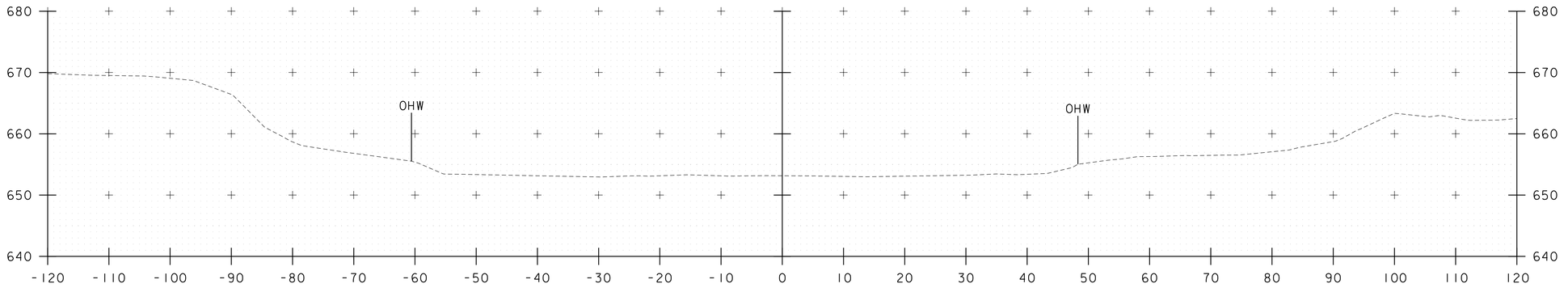
END APPROACH
STA 17+27.50
MATCH EXISTING



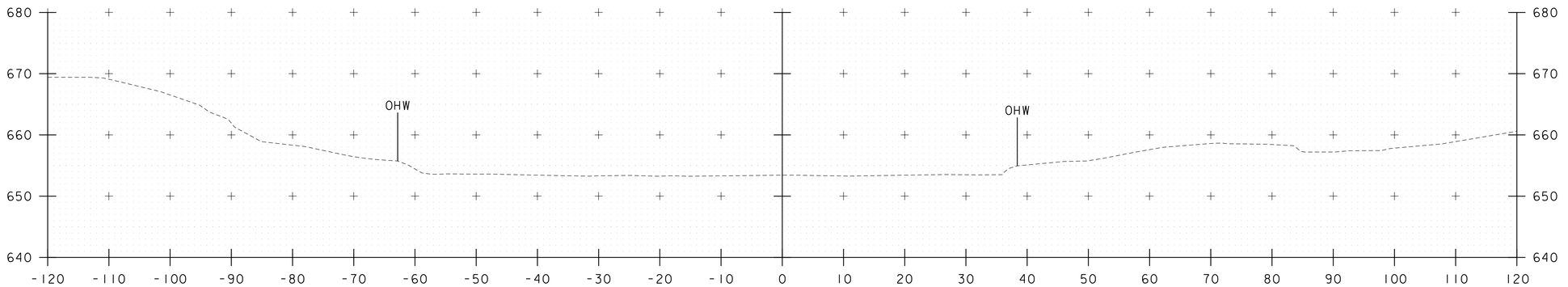
17+25

HOYLE TANNER

PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226xsl.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
TH-19 CROSS SECTIONS 6	SHEET 15 OF 20



51+00



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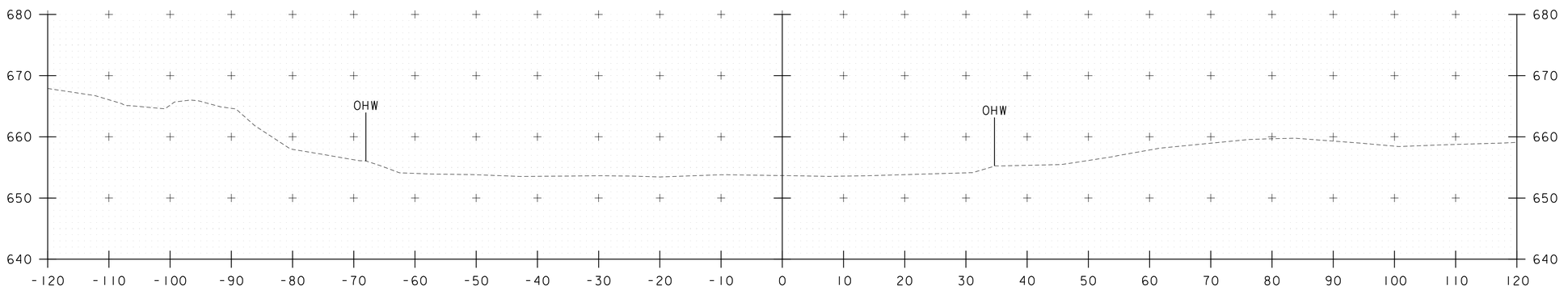
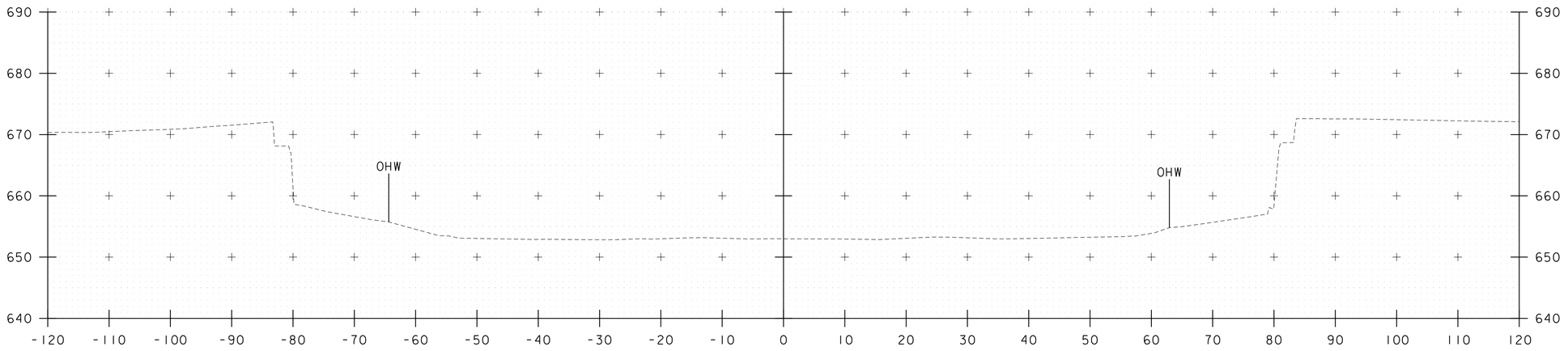


50+50

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	B0 1442(42)

FILE NAME: z19j226xs2.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
CHANNEL CROSS SECTIONS 1	SHEET 16 OF 20



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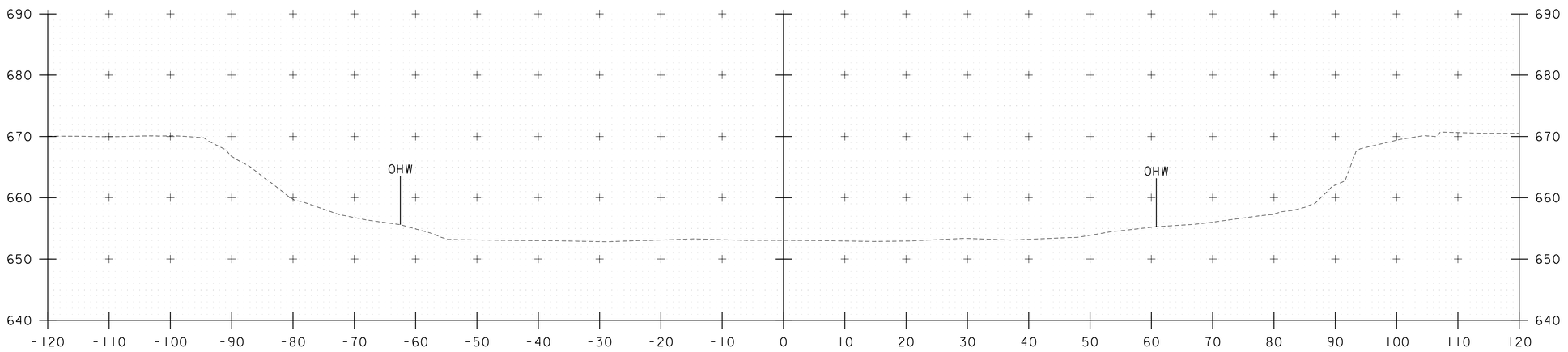
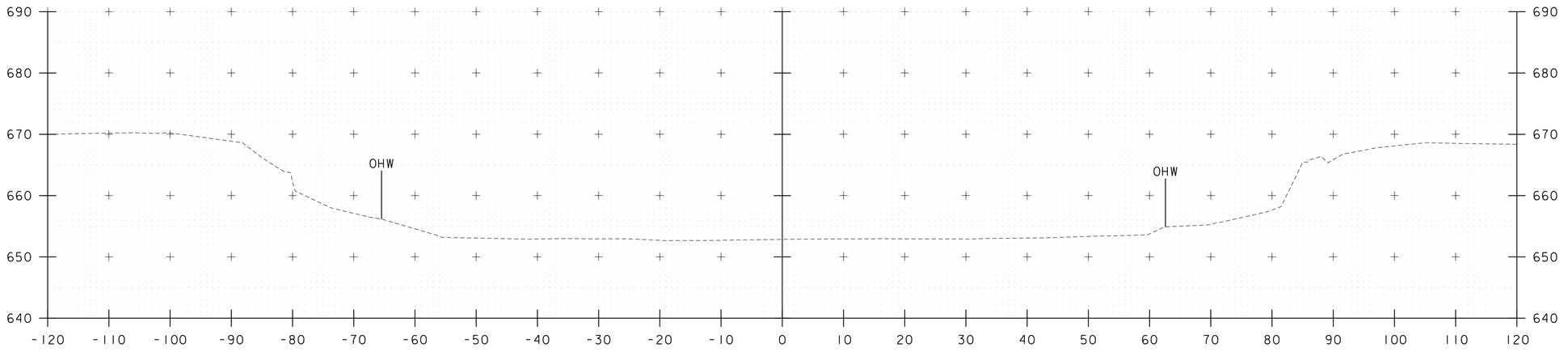


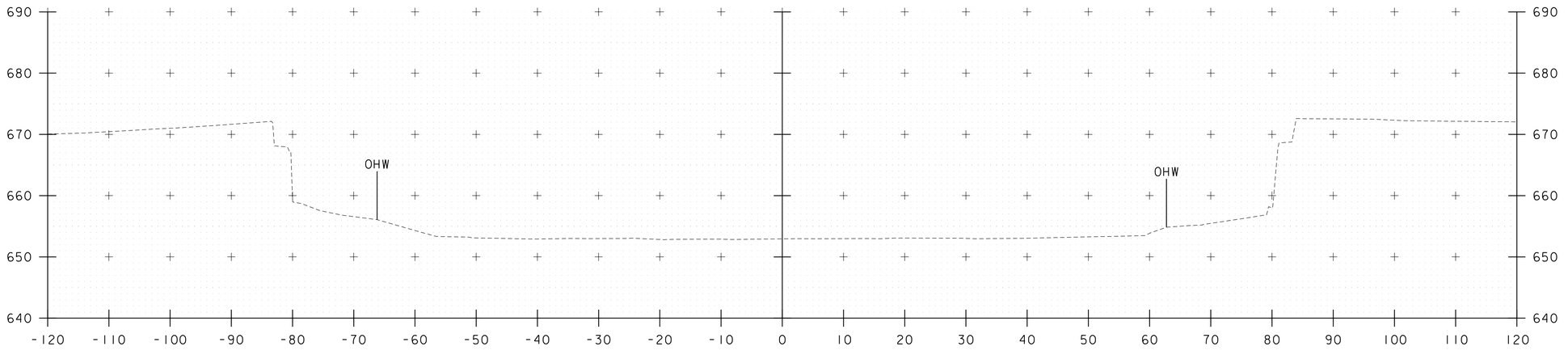
51+10

HOYLE TANNER

PROJECT NAME: JAMAICA	
PROJECT NUMBER: BO 1442(42)	
FILE NAME: z19j226xs2.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
CHANNEL CROSS SECTIONS 2	SHEET 17 OF 20



51+40

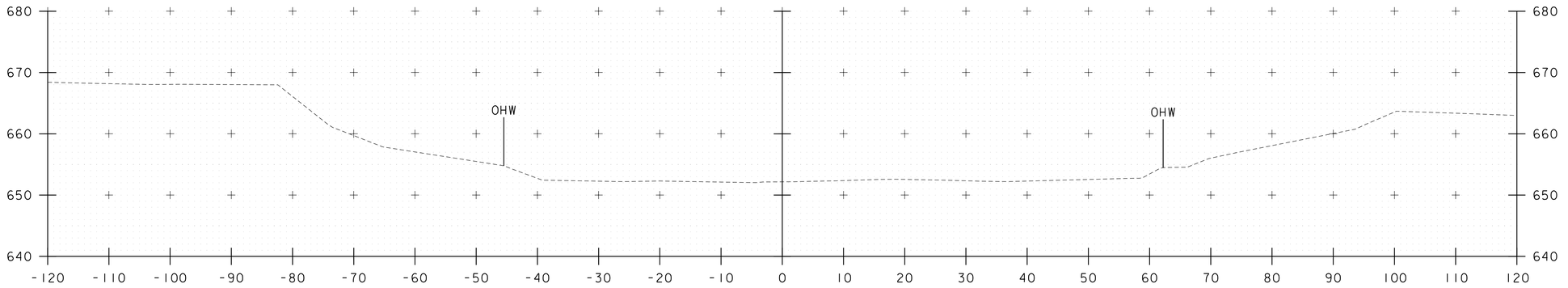


51+30

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	BO 1442(42)

FILE NAME: z19j226xs2.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
CHANNEL CROSS SECTIONS 3	SHEET 18 OF 20



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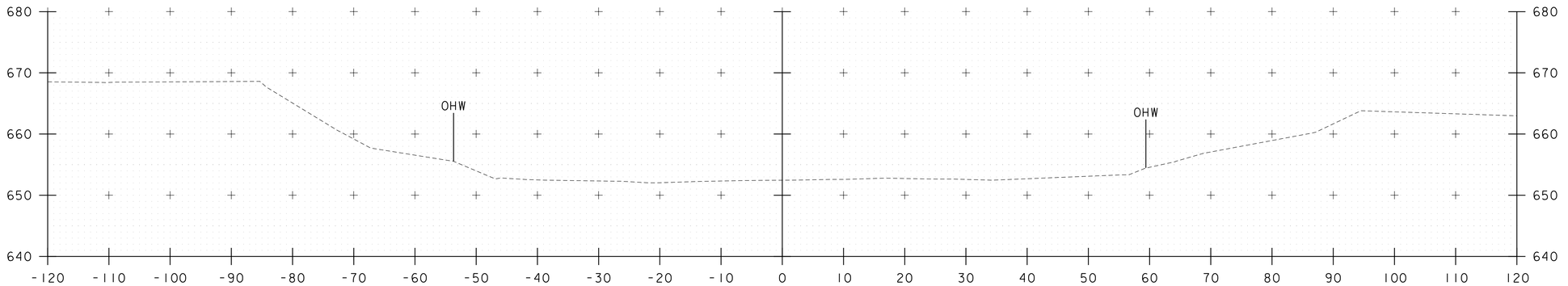

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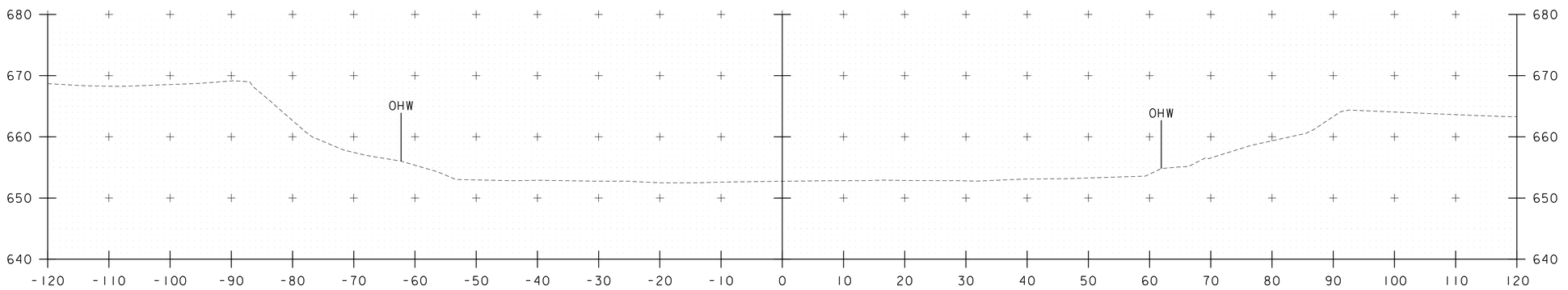
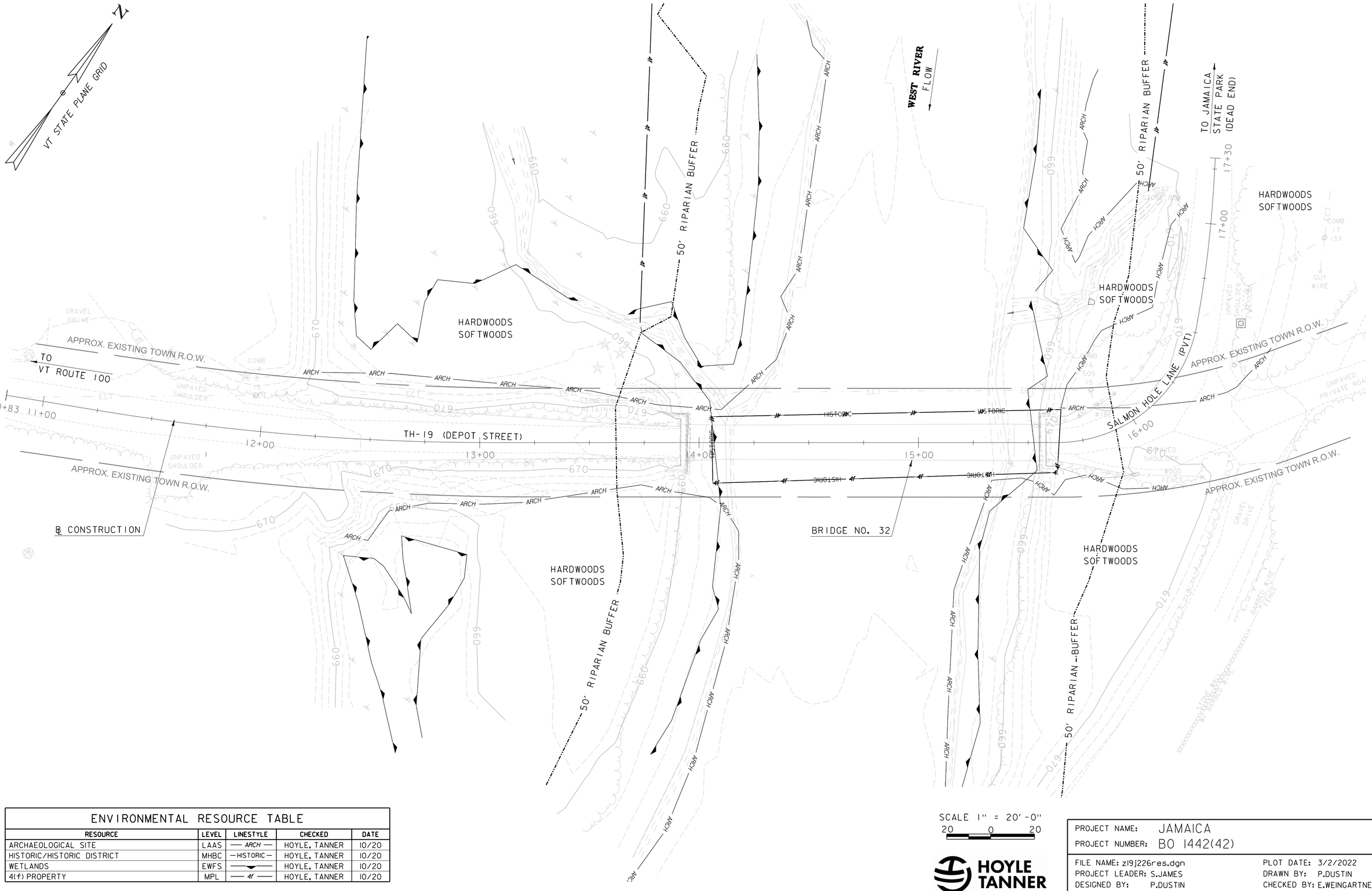


51+50

HOYLE TANNER

PROJECT NAME:	JAMAICA
PROJECT NUMBER:	B0 1442(42)

FILE NAME: z19j226xs2.dgn	PLOT DATE: 3/2/2022
PROJECT LEADER: S.JAMES	DRAWN BY: P.DUSTIN
DESIGNED BY: P.DUSTIN	CHECKED BY: E.WEINGARTNER
CHANNEL CROSS SECTIONS 4	SHEET 19 OF 20



ENVIRONMENTAL RESOURCE TABLE

RESOURCE	LEVEL	LINESTYLE	CHECKED	DATE
ARCHAEOLOGICAL SITE	LAAS	— ARCH —	HOYLE, TANNER	10/20
HISTORIC/HISTORIC DISTRICT	MHBC	— HISTORIC —	HOYLE, TANNER	10/20
WETLANDS	EWFS	——▾——	HOYLE, TANNER	10/20
4(f) PROPERTY	MPL	— 4f —	HOYLE, TANNER	10/20

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

HOYLE TANNER

PROJECT NAME: JAMAICA
PROJECT NUMBER: BO 1442(42)

FILE NAME: z19j226res.dgn
PROJECT LEADER: S.JAMES
DESIGNED BY: P.DUSTIN
RESOURCE SITE PLAN

PLOT DATE: 3/2/2022
DRAWN BY: P.DUSTIN
CHECKED BY: E.WEINGARTNER
SHEET 20 OF 20