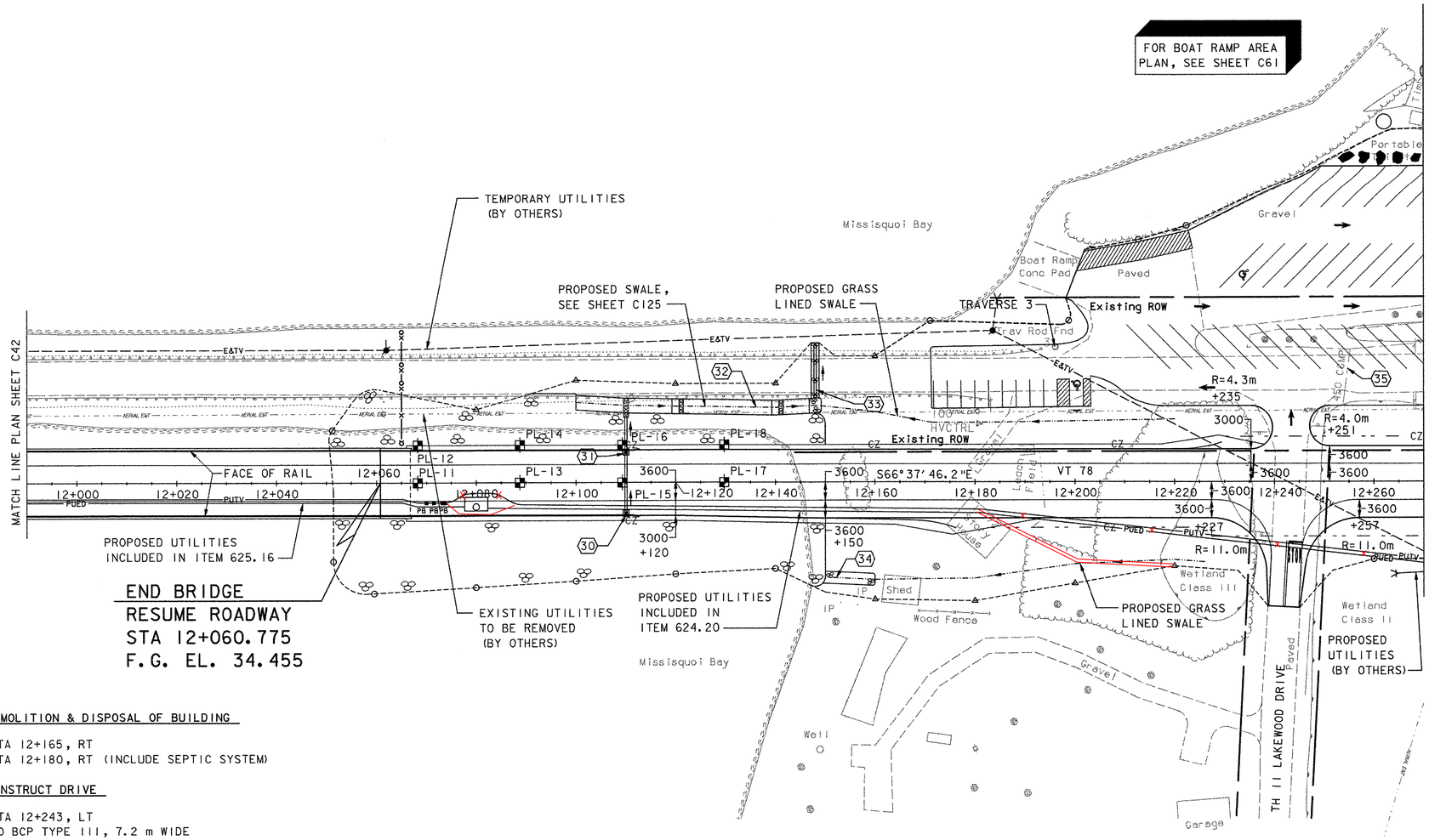

PLAN

0 10 20 30
SCALE IN METERS

LEGEND

- PROPOSED MAILBOX
- PROPOSED LANDSCAPING
- PROPOSED CHAIN-LINK FENCE
- PB PROPOSED PULL BOX
- PROPOSED OVERHEAD LIGHT
- PROPOSED UTILITY VAULT
- PUED PROPOSED UNDERGROUND ELECTRICAL DUCT
- PUTV PROPOSED UNDERGROUND CABLE TV DUCT
- PNL PROPOSED UNDERGROUND WIRED CONDUIT FOR NAVIGATIONAL LIGHTING
- PE&TV PROPOSED AERIAL ELECTRIC, CABLE TV AND TELEPHONE
- PT PROPOSED AERIAL TELEPHONE
- E&TV TEMPORARY AERIAL ELECTRIC, CABLE TV AND TELEPHONE

DUCTS - DIRECT BURIAL (CABLE TV DUCT)

STA 12+073, RT 4.1 m - STA 12+078, RT 2.5 m
STA 12+078, RT 2.5 m - STA 12+082, RT 2.5 m
STA 12+082, RT 2.5 m - STA 12+089, RT 4.5 m
STA 12+089, RT 4.5 m - STA 12+180, RT 5.7 m
STA 12+180, RT 5.7 m - STA ~~12+270~~ 12+200, RT ~~15.7 m~~ 16.0 M
STA. 12+200, RT. 16.0 M - STA. 12+232 RT. 17.0 M

DUCTS - CONCRETE ENCASED

12 DUCTS (ELECTRICAL, CABLE TV AND VTRANS DUCTS):
STA 12+060.8, RT 3.6 m - STA 12+073, RT 4.1 m

9 DUCTS (ELECTRICAL DUCTS):
STA 12+073, RT 4.1 m - STA 12+078, RT 4.1 m
STA 12+082, RT 5.0 m - STA 12+180, RT 6.2 m
STA 12+180, RT 6.2 m - STA ~~12+270~~ 12+200, RT 16.2 m
STA. 12+200 RT. - STA. 12+224 RT

DOUBLE PULL BOX

STA 12+073.5, RT 4.1 m (CABLE TV DUCT)

SETTLEMENT PLATFORM (TYPE I)

PROPOSED SETTLEMENT PLATFORM LOCATIONS

~~PL-11 STA 12+068.250, LT 0.0 m~~
~~PL-12 STA 12+068.250, LT 7.6 m~~
PL-13 STA 12+088.750, LT 0.0 m
PL-14 STA 12+088.750, LT 7.6 m
PL-15 STA 12+109.250, LT 0.0 m
PL-16 STA 12+109.250, LT 7.6 m
PL-17 STA 12+129.750, LT 0.0 m
PL-18 STA 12+129.750, LT 7.6 m

~~DRIVE GATE FOR CHAIN-LINK FENCE (TYPE I)~~

STA 12+065, LT 20.0 m - STA 12+065, LT 23.6 m

~~CHAIN-LINK FENCE (TYPE I)~~

STA 12+065, LT 8.0 m - STA 12+065, LT 20.0 m
STA 12+065, LT 23.6 m - STA 12+065, LT 30.0 m

DEMOLITION & DISPOSAL OF BUILDING

STA 12+165, RT
STA 12+180, RT (INCLUDE SEPTIC SYSTEM)

CONSTRUCT DRIVE

STA 12+243, LT
50 BCP TYPE III, 7.2 m WIDE

STA 12+243, RT, TH 11
50 BCP TYPE III, 6.4 m WIDE

REMOVAL AND DISPOSAL OF GUARDRAIL

STA 11+990, LT 17.1 m - STA 12+184, LT 16.4 m
STA 11+990, LT 24.7 m - STA 12+194, LT 26.3 m

CAST-IN-PLACE CONCRETE CURB

STA 12+067.0, LT - STA ~~12+076.5~~ 12+112.4, LT
STA 12+067.0, RT - STA ~~12+076.5~~ 12+112.4, RT

~~BITUMINOUS CONCRETE CURB~~

STA 12+076.5, LT - STA 12+113, LT
STA 12+076.5, RT - STA 12+113, RT

STONE FILL, TYPE IV

STA 12+050, LT - STA 12+150, LT
STA 12+051, RT - STA 12+150, RT

MANUFACTURED TERMINAL SECTION - FLARED

STA ~~12+217.5~~ 12+215.3, LT - STA ~~12+228.9~~ 12+226.8, LT
STA ~~12+164.1~~ 12+162.8, RT - STA ~~12+175.6~~ 12+174.3, RT

STEEL BEAM GUARDRAIL

STA 12+076.5, LT - STA ~~12+217.5~~ 12+215.3, LT
STA 12+076.5, RT - STA ~~12+164.1~~ 12+162.8, RT

REMOVAL & DISPOSAL OF GUIDE POSTS

STA 12+238, LT
STA 12+243, LT
STA 12+247, LT
STA 12+264, LT
STA 12+269, LT

COLD PLANING (TH 11)

STA 12+243, RT 23.0 m -
STA 12+243, RT 25.0 m (SALVAGE)
(SEE SPECIAL PROVISIONS)

PAVED SHOULDER TAPER

STA 12+120, RT (3000 mm) TO
STA 12+150, RT (3600 mm)

GEOTEXTILE FOR ROADBED SUBGRADE SEPARATOR

STA 12+060.8 - STA 12+150

UTILITY VAULT

STA 12+080, RT 4.15 m (ELECTRICAL)
(SEE SPECIAL PROVISIONS FOR DETAILS)

PULL BOX

STA 12+070.0, RT 4.1 m (SINGLE VTRANS DUCT)
STA 12+071.5, RT 4.1 m (SINGLE VTRANS DUCT)

DRAINAGE NOTES

(30) STA 12+110, RT 6.3 m - LT 6.3 m
DI WITH GRATE, TYPE D
RIM EL. = 33.468
NEW 450x12 m PCCSP
INV. OUT = 31.626

(31) STA 12+110, LT 6.3 m - LT 13.3 m
DI WITH GRATE, TYPE D
RIM EL. = 33.348
INV. IN (S) = 31.266
INV. OUT (N) = 31.166
NEW 450x7 m PCCSP
INV. OUT = ~~30.965~~ 30.920
OUTLET WITH STONE FILL PAD, TYPE I
1000x3.9 mx300 DEEP

(32) STA 12+100, LT 16.0 m - STA 12+150, LT 15.4 m
NEW GRASS LINED SWALE ~~WITH PERMANENT STONE CHECK DAMS~~
INV. IN = 30.700 CHECK DAMS ELIMINATED
INV. OUT = 30.500
OUTLET WITH STONE FILL SUMP, TYPE I
2400x3.0 mx300 DEEP

(33) STA 12+148, LT 16.8 m - LT 27.6 m
INSTALL NEW 600x12 m PCCSP OR CAAP OR RCP OR CPEP
INV. IN = ~~30.500~~ 30.525
INV. OUT = ~~30.350~~ 30.305
STA 12+148, LT 16.8 m - LT 27.6 m
NEW STONE FILL, TYPE II
1600x10.8 mx600 DEEP
PLACE CRUSHED GRAVEL (COARSE GRADED)
ON TOP OF STONE FILL, TYPE II

(34) STA 12+150, RT 16.9 m - STA 12+160, RT 19.9 m
NEW STONE FILL DITCH, TYPE II
INV. IN = 29.970
INV. OUT = 29.280

(35) STA 12+254, LT 15.6 m - STA 12+255, LT 26.3 m
REMOVE EXISTING 450x11 m CGMP

SEE SHEET C39 FOR CAUSEWAY CONSTRUCTION NOTES.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

VANASSE HANGEN BRUSTLIN, INC.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of ALBURG-SWANTON	Bridge No. 2
Highway No. VT 78	Log Sta. / Surv. Sta.
VT 78 OVER MISSISQUOI BAY	

VT 78 ROADWAY PLAN (8 OF 10)

Designed By S.W. BEKIER	Drawn By C.L. CILLEY
Checked By J.A. MERCER Date 10/03	Bridge Design Supervisor C.D. BAKER Date 10/03
PROJECT ALBURG-SWANTON	PROJECT NO. BRF 036-1(11)
I.G.C. Info.	
File No. ZE072PN8	Sheet C43 of C194

VHB NO. 50911

plot date: 10/23/2003