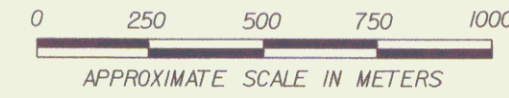
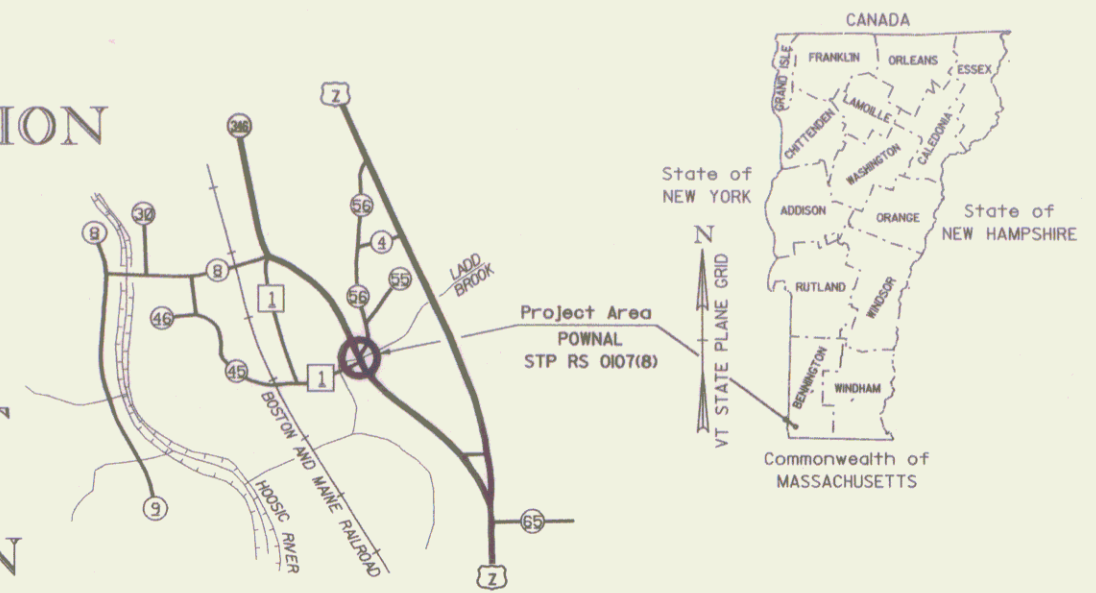


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF POWNAL
COUNTY OF BENNINGTON
VT. ROUTE 346, MAJOR COLLECTOR

R. O. W. PLANS



Work to be performed under this project consists of replacement of bridge #1 on Vt. Route 346 and all necessary roadway approach work.

Beginning at a point on Vt. Route 346, approximately 0.338 km northwesterly of the intersection of Vt. Route 346 and U.S. Route 7, and extending northwesterly along Vt. Route 346 for 0.003 km.

LENGTH OF R. O. W. PROJECT 75.18M (246.7') ±

END R. O. W. PROJECT

STP RS 0107(8) STA. 0+828.00 CL
MP 0.284

BEGIN MAINTENANCE AGREEMENT ZONE
STA. TH 56 10+005.0 CL

VT. 346
STA. 0+828.000
END APPROACH

TH 56
STA. 10+036.700
END APPROACH

STA. 0+789.000
END PROJECT

BEGIN R. O. W. PROJECT

STP RS 0107(8) STA. 0+752.82 CL
MP 0.238

END MAINTENANCE AGREEMENT ZONE
STA. TH 56 10+007.5 CL LENGTH=2.5M (8') ±

STA. 0+763.000
BEGIN PROJECT

STA. 0+755.000
BEGIN APPROACH

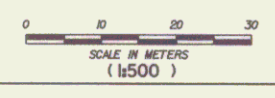
CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-
STONE WALL	o-o-o-o-o
TRAVELED WAY	o-o-o-o-o
GUARD RAIL	o-o-o-o-o
RAILROAD	
SURVEY LINE	+
CULVERT	+
POWER POLE	□
TELEPHONE POLE	○
TREES	⊗
CONTROL OF ACCESS	///
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	SR
TOP OF CUT	△
TOE OF SLOPE	○

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 SECTION III, V.S.A.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (0992)



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1995 AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

Pin # 84028

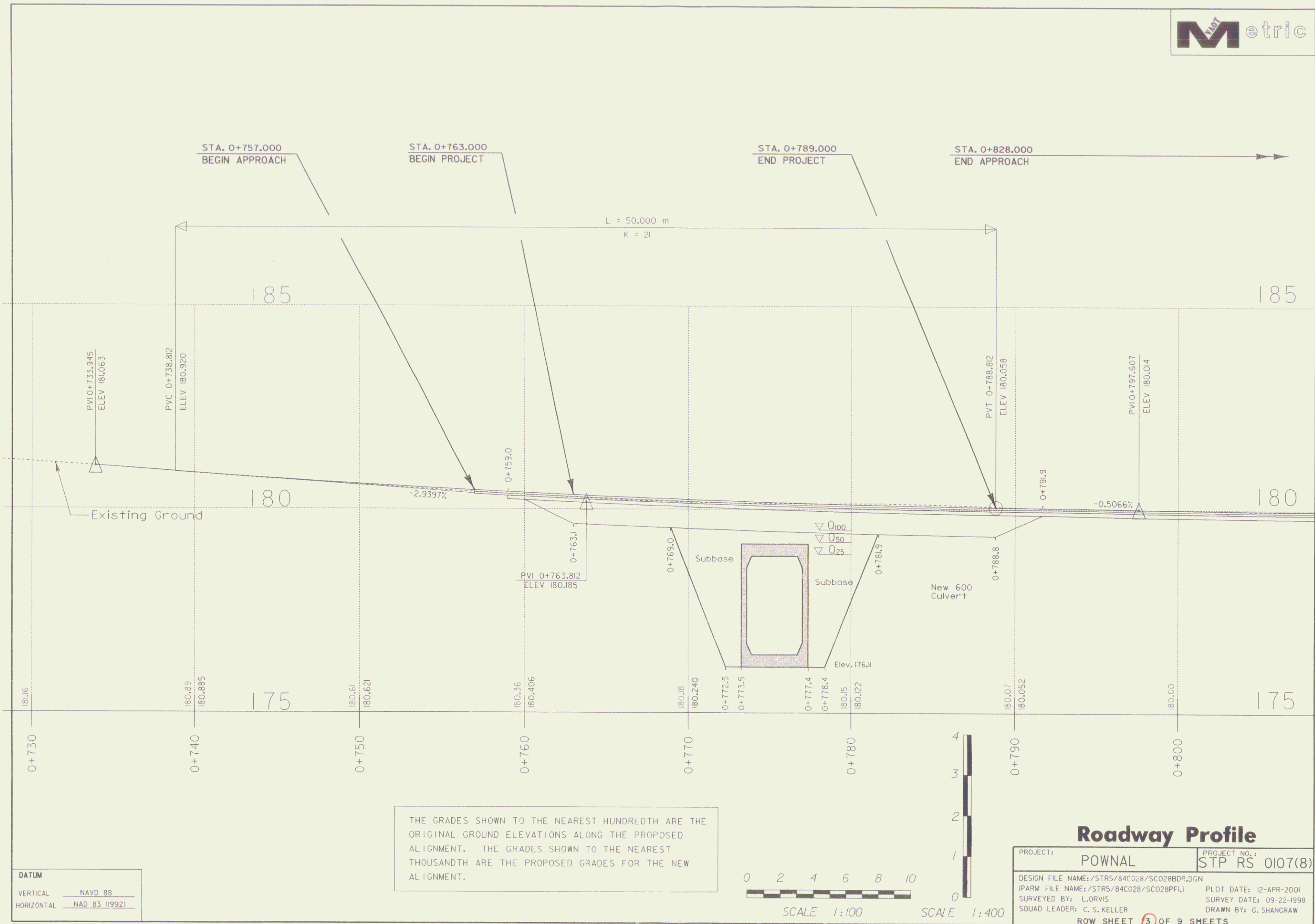
Metric

UNLESS NOTED OTHERWISE STATIONS ARE IN KILOMETERS ELEVATIONS ARE IN METERS DIMENSIONS ARE IN MILLIMETERS

APPROVED *[Signature]* DATE 2/4/93
Director of Project Development

APPROVED *[Signature]* DATE 2/1/93
Chief, Right of Way

POWNAL
STP RS 0107(8)
R.O.W. SHEET 1 OF 9 SHEETS



NOTES:

1. DESIGN CRITERIA:
 - A. SOIL DATA: UNIT WEIGHT 2250 KG/M³
KA (ACTIVE SOIL PRESSURE COEFFICIENT) 0.286
MAXIMUM ALLOWABLE BEARING PRESSURE: 210 KPA
 - B. MATERIALS: STEEL REINFORCEMENT AASHTO M-31M GRADE 420 CONCRETE F'C = 35 MPA (PRECAST BOX)
 - C. DESIGN: *SERVICE LOAD OR LOAD FACTOR DESIGN
LOAD FACTOR: CAPACITY REDUCTION FACTORS
SHEAR - $\phi = 0.85$
BENDING - $\phi = 0.90$
Y AND B FACTORS: (GROUP I LOADING)
Y = 1.3
EARTH: $\beta_e = 1.3$ VERTICAL
 1.0 LATERAL
DEAD: $\beta_o = 1.0$
LIVE: $\beta_l = 1.67$
IMPACT - REFER TO AASHTO SECTIONS 3.8 AND 6.4
SERVICE LOAD AND FACTORS: (GROUP I LOADING)
Y = 1.0
EARTH: $\beta_e = 1.3$ VERTICAL
 1.0 LATERAL
DEAD: $\beta_o = 1.0$
LIVE: $\beta_l = 1.0$
 - D. MISCELLANEOUS: DESIGN LIVE LOAD AASHTO MS-22.5.
2. HYDRAULIC DATA:

RETURN PERIOD (YEARS)	DISCHARGE (CMS)	HEADWATER ELEVATION
2.33	2.8	178.1
10	5.7	178.5
25	8.5	178.9
50	11.3	179.2
100	14.2	179.5

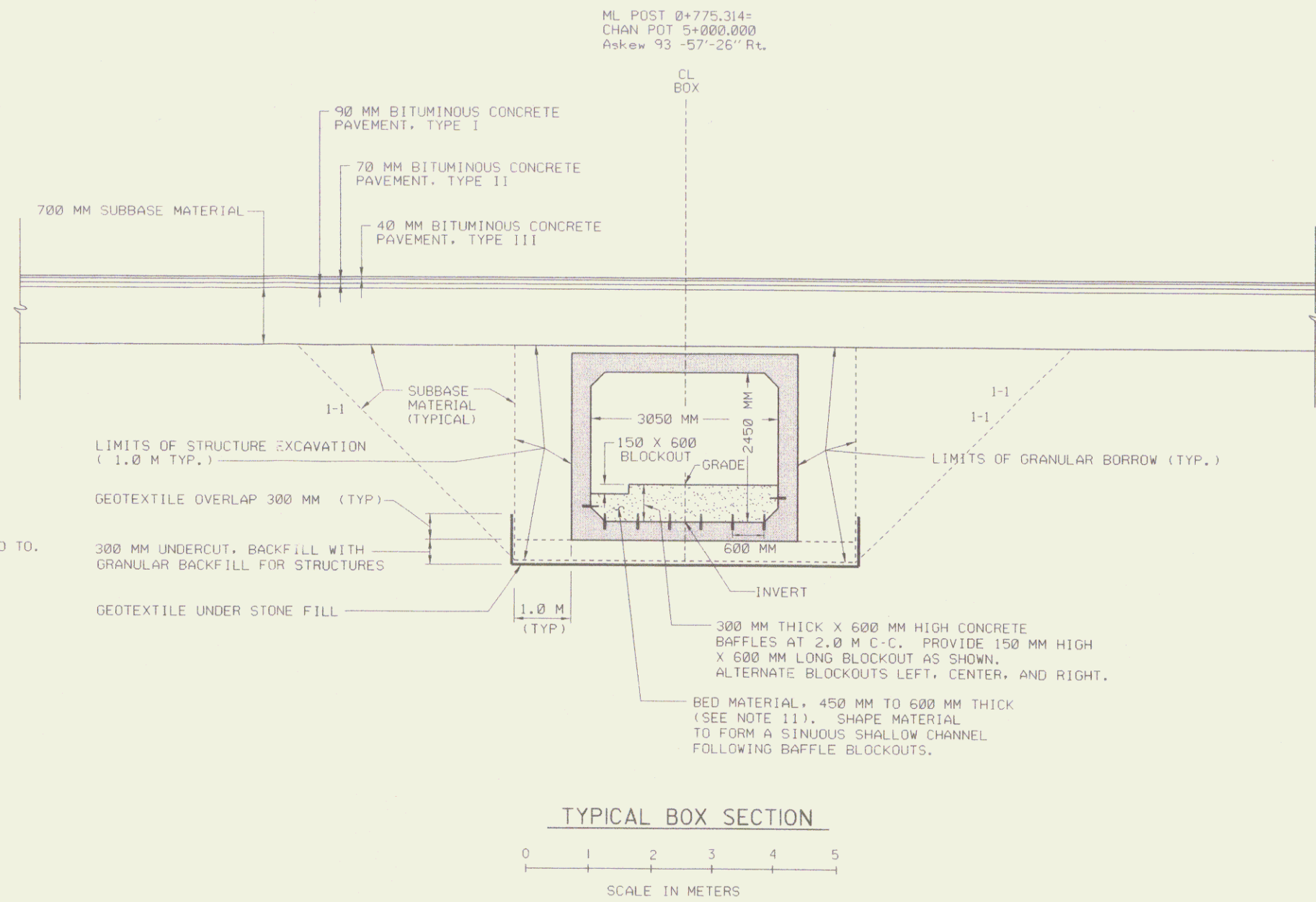
MINIMUM WATERWAY AREA: 5.4 SM
DESIGN FLOW (Q_d) = 11.3 CMS
OUTLET VELOCITY AT Q_d = 3.7 MPS; AT Q₁₀₀ = 4.0 MPS
ROADWAY OVERTOPPING IS NOT EXPECTED TO OCCUR FOR FLOWS LESS THAN Q₁₀₀

DRAINAGE AREA = 4.32 SQ. KM.
TAILWATER AT Q_d = EL 178.0
AVERAGE DAILY FLOW = 0.1 CMS
3. THE PRECAST SECTION SHOWN IS APPROXIMATE. THE ACTUAL SHAPE WILL BE DEPENDENT UPON THE FABRICATOR. MINOR DIFFERENCES FROM THE SHAPE SHOWN ARE ACCEPTABLE. ALL OF THE UNITS SHALL HAVE THE SAME SHAPE. INDIVIDUAL UNIT LENGTHS DEPICTED ON DRAWINGS ARE X.X M. OTHER UNIT LENGTHS MAY BE USED BUT A MIN. LENGTH OF 1.2 M MUST BE ADHERED TO.
4. THE HEADWALLS, WINGWALLS, CUTOFF WALLS AND APRONS SHALL BE CAST IN PLACE. ALLOWABLE STRESS FOR CAST-IN-PLACE CONCRETE, CLASS B: F'C=10 MPA, F'C=25 MPA.
5. SEE SPECIAL PROVISIONS FOR ADDITIONAL SPECIFICATIONS ON THE PRECAST UNITS.
6. THE EXTERIOR (TOP & SIDES) AND INTERIOR (SIDES & BOTTOM) OF ALL CONCRETE BOX JOINTS ALONG WITH ALL LIFTING HOLES SHALL BE FILLED WITH MORTAR, TYPE IV AFTER BEING SET IN THEIR FINAL POSITION. ALL MORTAR SHALL BE WET CURED A MIN. OF 24 HRS. PRIOR TO THE WATERPROOFING DESCRIBED IN NOTE NO. 8.
7. DOWELS AND INSERTS SHALL BE PROVIDED BY THE FABRICATOR OF THE PRECAST UNITS WITH COSTS SUBSIDIARY TO ITEM 540.10 PRECAST CONCRETE BOX.
8. A 600 MM WIDE STRIP OF SHEET MEMBRANE WATERPROOFING SHALL BE APPLIED AT EACH SIDE JOINT. THE MEMBRANE SHALL BE CENTERED ON THE JOINT AND COVER THE FULL HEIGHT OF SIDE JOINTS. THE ENTIRE TOP SHALL THEN BE COVERED WITH MEMBRANE. THE SHEETS SHALL OVERLAP THE EDGES BY 300 MM ON EACH SIDE. AFTER MEMBRANE PLACEMENT THE REMAINDER OF THE EXPOSED SIDES SHALL BE COATED WITH TAR EMULSION APPLIED AS PER SECTION 404.06(A). PAYMENT FOR THE MEMBRANE AND EMULSION WORK SHALL BE BY THEIR RESPECTIVE ITEM.
9. COSTS FOR ALL MORTAR, TYPE IV USED SHALL BE PAID FOR AS ITEM 540.10. PRECAST CONCRETE BOX. CONCRETE BAFFLES SHALL BE PAID FOR AS CONCRETE, CLASS B. BAFFLES SHALL BE ATTACHED TO BOX WITH DOWELS. THE DOWELS SHALL BE CAST INTO THE PRECAST BOX SECTIONS. DRILLING DOWELS INTO THE BOX SECTION WILL NOT BE ALLOWED.
10. OMIT WEEP HOLES IN ALL PRECAST BOX SECTIONS.
11. BED MATERIAL TO BE PLACED WITHIN THE BOX AND ON THE APRONS SHALL BE MATERIAL EXCAVATED FROM THE CHANNEL OR THE TAILINGS OF A TOPSOIL SCREENING OPERATION WITH GRADATION ADJUSTED TO CONFORM TO THE FOLLOWING TABLE:

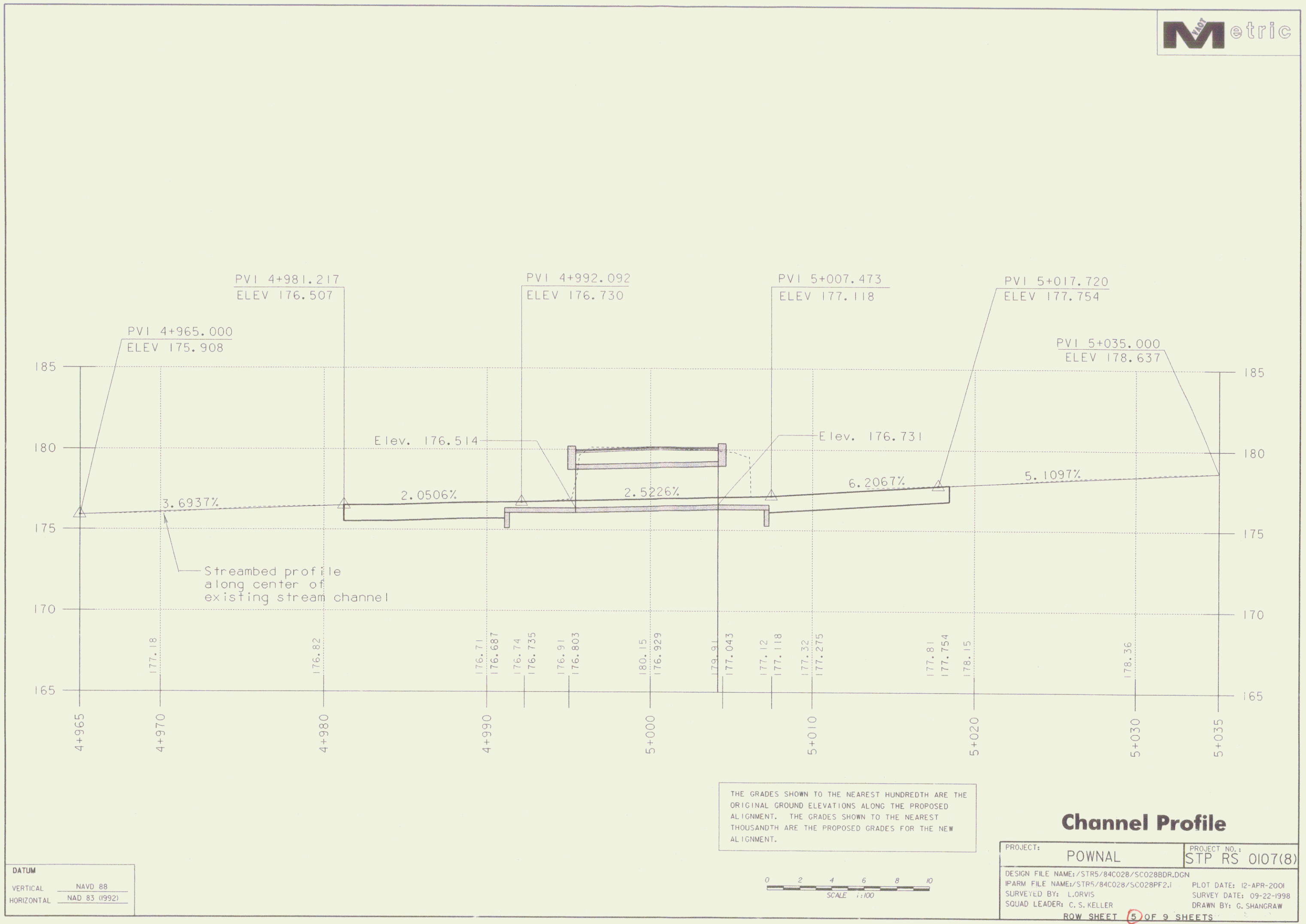
STONE / SIEVE SIZE	% FINES, BY MASS
600 MM	100
300 MM	20-50
4.75 MM	0-30
75 UM	0-5

THE BED MATERIAL IS SUBJECT TO APPROVAL BY THE ENGINEER AND THE AGENCY OF NATURAL RESOURCES STREAM ALTERATION ENGINEER, AND WILL BE PAID FOR UNDER THE ITEM 651.40, GRUBBING MATERIAL, MODIFIED.

12. IN-STREAM CONSTRUCTION SHALL OCCUR ONLY BETWEEN JUNE 1 AND OCTOBER 1, UNLESS THE CONTRACTOR OBTAINS WRITTEN PERMISSION FROM THE AGENCY OF NATURAL RESOURCES TO DO THE WORK OUTSIDE OF THAT TIME FRAME.
13. THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE AGENCY OF NATURAL RESOURCES STREAM ALTERATION ENGINEER, A TEMPORARY STREAM DIVERSION PLAN TO CARRY LAOD BROOK DURING CONSTRUCTION OF THE NEW CULVERT. THE STREAM DIVERSION SHALL BE DESIGNED FOR A FLOW OF 2.8 CMS. THE PLAN SHALL DEPICT MEASURES PROPOSED TO PREVENT EROSION AND SEDIMENTATION AND TO MAINTAIN STREAM WATER QUALITY. ANY PIPE USED FOR THE DIVERSION SHALL HAVE A NOMINAL DIAMETER NO LESS THAN 1500 MM.

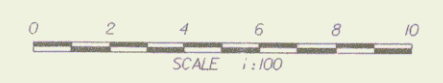


PROJECT NAME:	POWNAI
PROJECT NUMBER:	STP RS 0107(8)
FILE NAME: /STR5/84028/SC02850X.DGN PLOT DATE: 12-APR-2001	
PROJECT LEADER: CRAIG S. KELLER	DRAWN BY: SHANGRAW
DESIGNED BY: SHANGRAW	CHECKED BY:
ROW SHEET 4 OF 9 SHEETS	



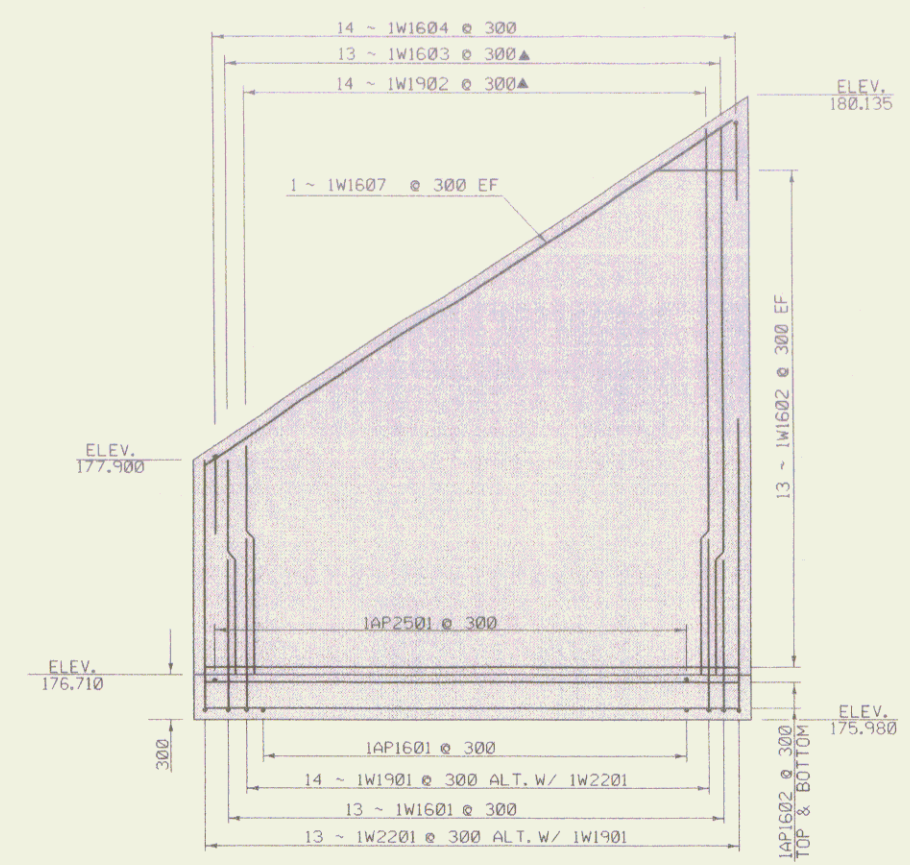
DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (1992)

THE GRADES SHOWN TO THE NEAREST HUNDREDTH ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT. THE GRADES SHOWN TO THE NEAREST THOUSANDTH ARE THE PROPOSED GRADES FOR THE NEW ALIGNMENT.

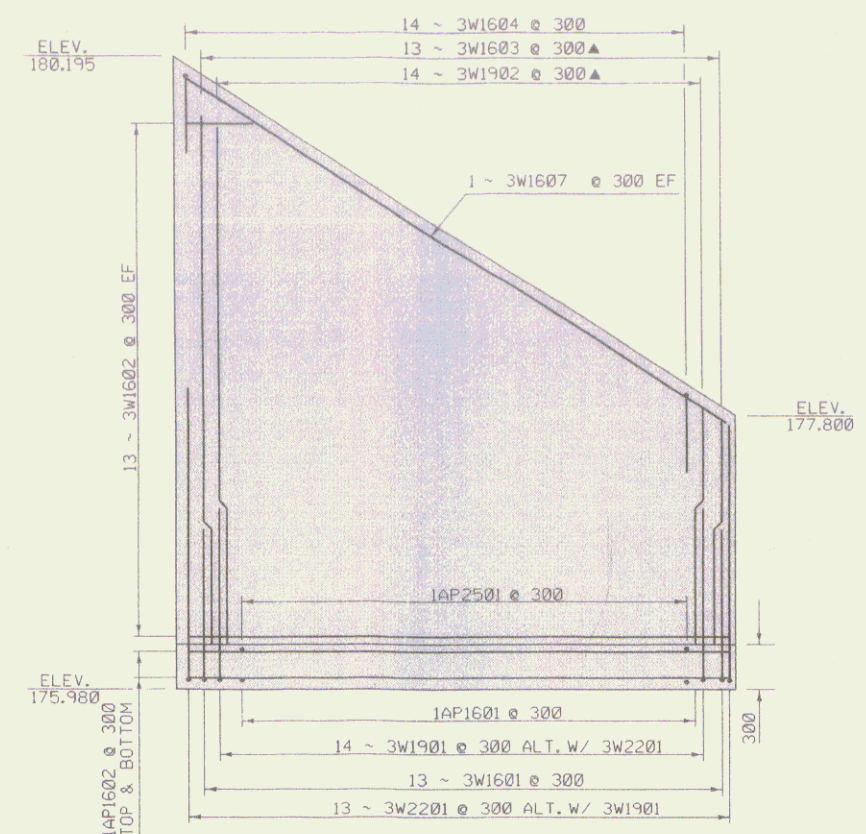


Channel Profile

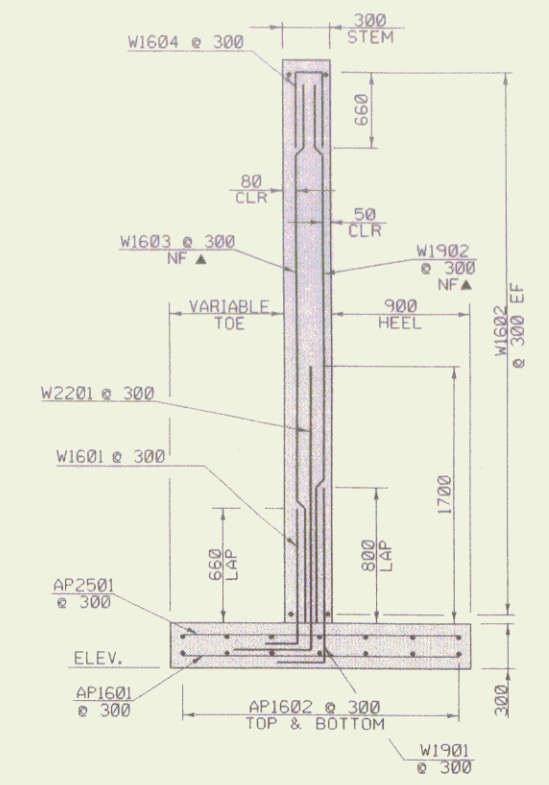
PROJECT: POWNAL	PROJECT NO.: STP RS 0107(8)
DESIGN FILE NAME: /STR5/84C028/SC028BDR.DGN	PLOT DATE: 12-APR-2001
IPARM FILE NAME: /STR5/84C028/SC028PF2.J	SURVEY DATE: 09-22-1998
SURVEYED BY: L. ORVIS	DRAWN BY: G. SHANGRAW
SQUAD LEADER: C. S. KELLER	
ROW SHEET 5 OF 9 SHEETS	



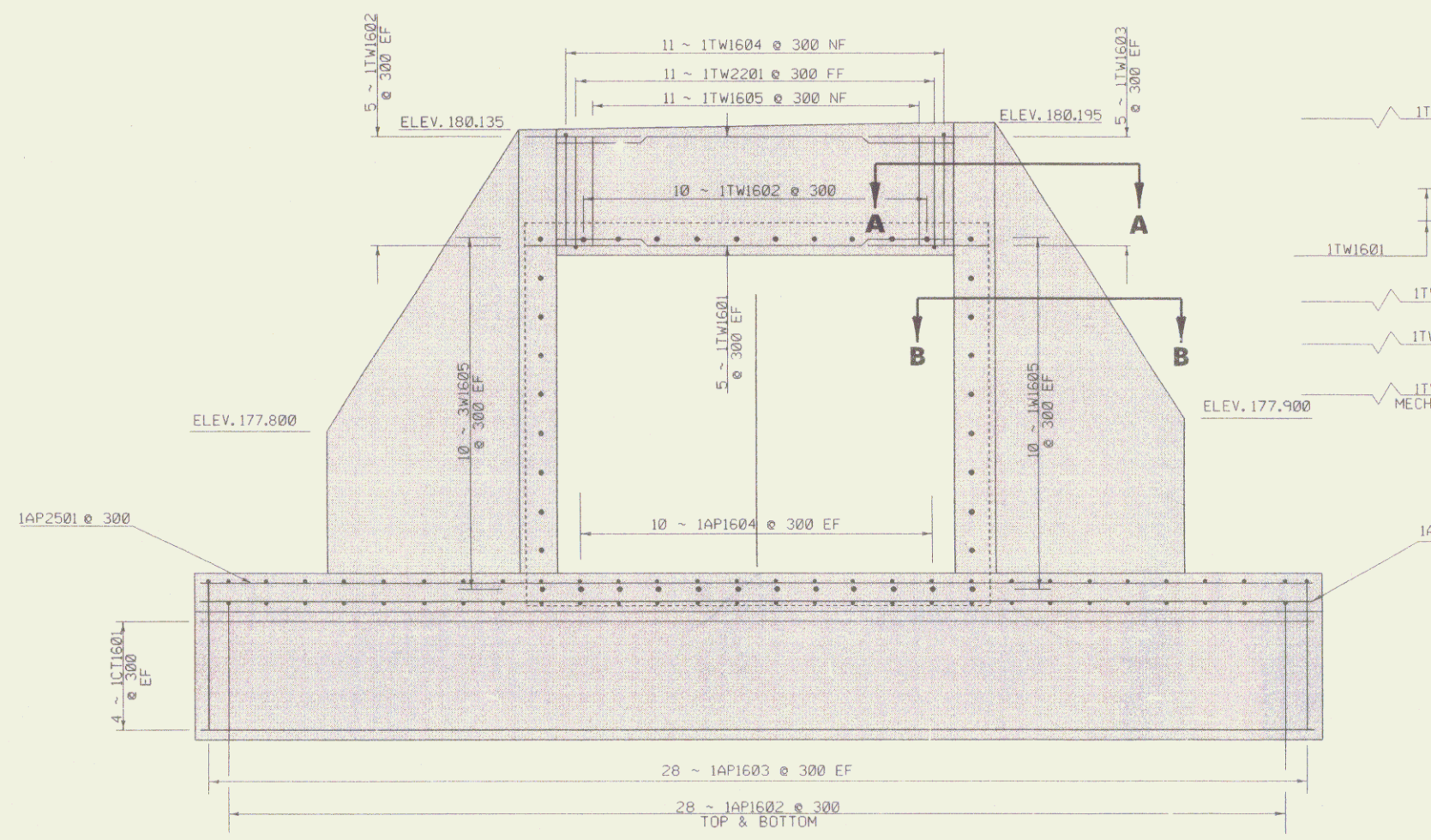
ELEVATION WINGWALL 3



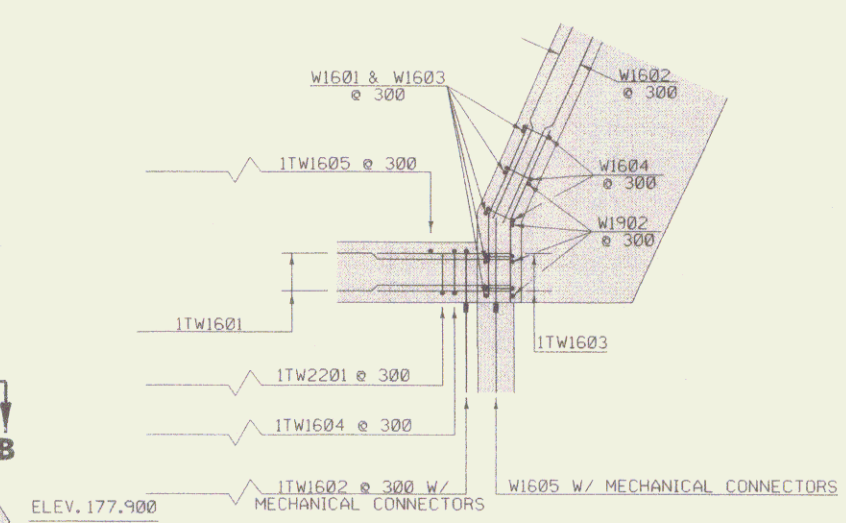
ELEVATION WINGWALL 1



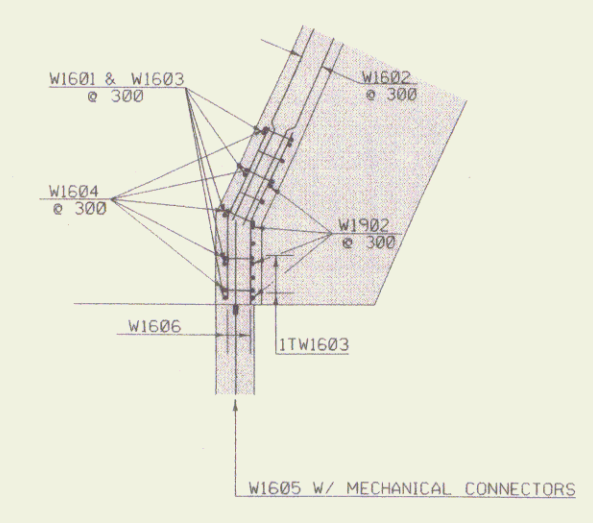
TYPICAL WINGWALL SECTION



ELEVATION HEADWALL 1 (OUTLET)



SECTION A-A



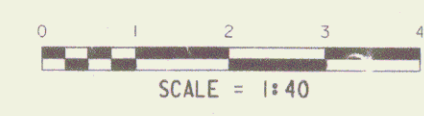
SECTION B-B

ELEVATIONS WW1 & WW3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	POWNAI	Bridge No.	/
Highway No.	VT 346	Log Sta.	
		Surv. Sta.	
WINGWALL DETAILS			
VT 346 OVER LADD BROOK			
Designed By	B. W. DUST	Drawn By	R. PELLET
Checked By		Bridge Design Supervisor	C. KELLER
PROJECT	POWNAI	PROJECT NO.	STP RS 0170(8)
I:\G.C. Info. \wast_cadd\11\ngcob\hett\84028\Structures\sc028ww.dgn sc028ww1			
Bridge Sheet No.	ROW SHEET	6	OF 9 SHEETS

NOTE:
*16 REINFORCING STEEL MECHANICAL SPLICERS AT 300 SHALL BE CAST INTO THE PRECAST BOX AND SHALL BE CAPABLE OF EXCEEDING 150% F_y OF THE *16 BAR. THE SPLICERS AND THE *16 THREADED DOWELS SHALL BE SUPPLIED BY THE MANUFACTURER OF THE PRECAST BOX AND SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 540.10 "PRECAST CONCRETE BOX (MODIFIED)"





**STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET**

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY	
1A	GILPIN, BERNARD M. & JACQUELINE A.	8	0+769.32 RT.	0+774.38 RT.	10.0 SM±			WD	10-24-05	POWNA	141	341	108 S.F.±	1	7, 8, 9	PARCEL NO. 1 GILPIN. EROSION CONTROL WAS CHANGED. PDF WAS ADDED. PER C.O. 9389.	10-18-04	G. J. F.	R. P. D.	
			0+767.70 RT.	0+773.93 RT.			UTILITY EASE (P) 8.65M±						93 SF±, INCLUDES TEMP. PDF	2	7, 8, 9	PARCEL NO. 4 CANNELL. EROSION CONTROL WAS CHANGED. PDF WAS ADDED. PER C.O. 9390.	10-18-04	G. J. F.	R. P. D.	
			0+754.10 RT.	0+770.90 RT.			CONST. (T) 178.4 SM±						INCLUDES EROSION CONTROL & PDF; 1920 S.F.±	3	7, 8, 9	PARCEL NO. 1 GILPIN. CHANGE CONST. (T) AREA TO 103 SM±. ADD INSTALL (T) FOR PDF AROUND TREE IN FRONT YARD. PER C.O. 9395.	10-25-04	G. J. F.	R. P. D.	
			0+758.50 RT.	0+760.20 RT.			SLOPE (T) 0.3 SM±						3 S.F.±	4	7, 8, 9	PARCEL NO. 1 GILPIN. CHANGE EROSION HAYBALES TO SAND BAGS. CHANGE MULTIPLE STATIONS AND AREAS. PER C.O. 9396.	12-01-04	M. J. R.	R. P. D.	
			0+767.20 RT.	0+769.30 RT.			SLOPE (T) 1.9 SM±						20 S.F.±	5	7, 9	PARCEL NO. 2 NICHOLAS. COMBINE PARCELS 2A & 2B INTO ONE PARCEL. PER C.O. 9377.	12-01-04	M. J. R.	R. P. D.	
			0+767.30 RT.	0+772.70 RT.			CHANNEL (P) 24.0 SM±						258 S.F.±	6	7, 9	PARCEL NO. 3 QUINN. ADD NEW EROSION FILES. ADD MILE MARKERS TO DRIVES. COMBINE HWY. EASEMENTS THAT ARE TO BE ACQUIRED. PER C.O. 9398.	12-01-04	M. J. R.	R. P. D.	
1B		8, 9	0+774.22 RT.	0+780.00 RT.	8.0 SM±								86 S.F.±	7	7, 8, 9	PARCEL NO. 4 CANNELL. ADD NEW EROSION FILES. CHANGE STATIONS. ADD MILE MARKERS TO DRIVES. CREATE TWO SEPERATE DRIVE RIGHTS. PER C.O. 9399.	12-01-04	M. J. R.	R. P. D.	
			0+773.50 RT.	0+779.10 RT.			CHANNEL (P) 35.0 SM±						377 S.F.±	8	7A, 8, 9	PARCEL NO. 5 TOWN OF POWNA. ADD NEW EROSION CONTROL FILE. CHANGE STATIONS AND AREAS. ADD RIGHT FOR TRAFFIC BARRIER. PER C.O. 9400.	12-01-04	M. J. R.	R. P. D.	
			0+773.40 RT.	0+787.60 RT.			CONST. (T) 100 SM±						1,076 S.F.± INCL. EROSION CONTROL & PDF	9	7, 8	PARCEL NO. 4 CANNELL. CHANGE INSTALL (T) FOR CURB TO INSTALL (T) FOR SIDEWALK. 0+784.10 LT. ~ 0+794.85 LT.; 9.4 SM±; 101 SF±	05-16-05	M. J. R.	R. P. D.	
			0+774.22 RT.	TH 56 10+034.70 RT.			UTILITY EASE (P) 82.5 SM±						11 S.F.±	10	7, 8	PARCEL NO. 3 QUINN. CHANGE DRIVE STA. FROM 0+797.40 LT. TO 0+797.38 LT. PER C.O. 9422	06-01-50	M. J. R.	R. P. D.	
			0+779.00 RT.	0+781.00 RT.			SLOPE (T) 1.0 SM±						DRIVE 5M (16') GRAVEL TREE	11	7	PARCEL NO. 4B CANNELL. CHANGE TAKE FROM 235 SM± TO 297 SM±; 3,197 S.F.± PER C.O. 9424.	06-08-05	M. J. R.	R. P. D.	
			TH 56 10+015.00 RT.				REMOVE (T)						PDF, 239 S.F.± GUY & ANCHOR							
			TH 56 10+018.70 RT.				INSTALL (T) 22.2 SM±													
			TH 56 10+016.60 RT.	TH 56 10+021.00 RT.			INSTALL (P)													
			TH 56 10+034.60 RT.																	
1C		8	0+752.82 CL	0+774.38 RT.	158.0 SM±		ALL R.T. & I.						1,700 S.F.±; VT RTE. 346 HWY. EASE.							
1D		8, 9	0+774.38 CL	0+800.42 RT.	203.0 SM±		ALL R.T. & I.						2,185 S.F.±; VT RTE. 346 HWY. EASE.							
1E		8	0+775.39 RT.	0+780.00 RT.	8.0 SM±		ALL R.T. & I.						86 S.F.±; T.H.#56 HWY. EASE.							
2	NICHOLAS, ROBERT C. & DEBORAH A.	9	0+800.42 CL	0+828.00 CL	209 SM±		ALL R.T. & I.	WD	12-19-05	POWNA	142	257	2,250 S.F.±; VT RTE. 346 HWY. EASE.							
3	QUINN, BRIAN J. & MARGARET A.	9	0+799.91 LT.	0+828.00 CL	213 SM±		ALL R.T. & I.	WD	10/27/05	POWNA	141	404	2,293 S.F.±; VT RTE. 346 HWY. EASE. 4M (13') PAVED MM 0024 IN COMMON/PARCEL 4 EXCEPT & RESERVE FENCE							
			0+797.38 LT.				DRIVE (T)													
			0+809.30 LT.	0+814.30 LT.																
4A	CANNELL, CHRISTIAN G. & JOAN I.	8, 9	0+768.03 LT.	0+784.00 LT.	44.0 SM±			WD	12-19-05	POWNA	142	253	474 S.F.±; 194 S.F.±; 334 S.F.±; INCLUDES EROSION CONTROL, TEMP. FENCING & PDF; 657 S.F.±							
			0+768.86 LT.	0+775.00 LT.			SLOPE (T) 18.0 SM±						226 S.F.±							
			0+770.80 LT.	0+778.60 LT.			CHANNEL (P) 31.0 SM±						INCLUDES EROSION CONTROL & PDF; 118 S.F.±							
			0+770.50 LT.	0+783.75 LT.			CONST. (T) 61.0 SM±													
			0+779.40 LT.	0+784.00 LT.			CHANNEL (P) 21.0 SM±													
			0+782.10 LT.	0+784.00 LT.			CONST. (T) 11.0 SM±													
			0+782.10 LT.				DRAINAGE (P)													
			0+784.10 LT.	0+794.85 LT.			INSTALL (T) 9.4 SM±													
			0+784.00 LT.	0+792.64 LT.			SLOPE (T) 8.8 SM±													
			0+797.38 LT.				DRIVE (T)													
4B		8, 9	0+760.53 LT.	0+799.91 CL	297 SM±		ALL R.T. & I.						3,197 S.F.±; VT RTE. 346 HWY. EASE.							

ACCT: jblanchard
M:\Projects\84c028\RightofWay\rc028d.dgn
DATE PLOTTED 22-JAN-2007

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[W]- WATER SOURCES

PRESENT R.O.W.
[H] TAKING WITHOUT ACCESS
[H] TAKING WITHOUT ACCESS ALONG PROPERTY LINE
[H] TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
--- C&T (P) --- CLEARING & TRIMMING
... C&T (P) ... CLEAR ZONE
--- CONST. (T) --- CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P PROPERTY LINE
△ TOP OF CUT
○ TOE OF SLOPE

--- UE (P) --- PERMANENT UTILITY EASEMENT

APPROVED: ROGER P. DUMAS DATE: 02-04-03
CHIEF, PLANS & TITLES

R. O. W. PLANS
POWNA
STP RS 0107(8)
R. O. W. SHEET 7 OF 9 SHEETS
SHEET 4 OF 65



**STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET**

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY	
5A	TOWN OF POWNAL	8	0+775.39 RT.	0+780.00 RT.	8.0 SM±		ALL R.T. & I.	QCD	09-27-05	POWNAL	141	118	86 S.F. ±; T.H. #56 HWY. EASE.							
5B		8, 9	T.H. 56 10+007.5 CL. 0+786.60 RT. 0+788.10 RT.	T.H. 56 10+036.7 CL. 0+814.00 RT. 0+789.80 RT.			APPROACH (T) CULVERT (P) INSTALL & MAINTAIN (P)						T.H. 56 INCLUDES 2 DROP INLETS GUARDRAIL							
5C		8	0+760.53 CL. 0+760.53 LT. 0+766.40 LT. 0+768.50 LT.	0+768.03 CL. 0+770.80 LT. 0+768.30 LT.	58.0 SM±		ALL R.T. & I. SLOPE (T) 75.0 SM± INSTALL & MAINT. (P) INSTALL (T)						VT. RTE. 346 HWY. EASE. 624 S.F. ± 807 S.F. ± GUARDRAIL EROSION CONTROL (LENGTH 2.7M [9']) EROSION CONTROL (LENGTH 4.1M [13']) TRAFFIC BARRIER							
5D		8, 9	0+774.38 CL.	0+828.00 RT.	412.0 SM±		ALL R.T. & I.						4,435 S.F. ± VT RTE. 346 HWY. EASE.							
6	POWNAL FIRE DISTRICT #2 - (WATER)												UTILITY							
7	VERIZON NEW ENGLAND, INC.												UTILITY							
8	CENTRAL VERMONT PUBLIC SERVICE CORPORATION												UTILITY							
9	ADELPHIA CABLE COMMUNICATIONS												UTILITY							
	MAINTENANCE AGREEMENT ZONE #1	9	T.H. 56 10+005.0 CL.	T.H. 56 10+007.5 CL.									LENGTH=2.5M (8') ± TH #56							

ACCT: jblanchard
M:\Projects\84c028\RightOfWay\rc028d.dgn
DATE PLOTTED 22-JAN-2007

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[W]- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
PERMANENT EASEMENT
TEMPORARY EASEMENT

LEGEND

--- C&T (P) --- CLEARING & TRIMMING
... SZ (P) ... CLEAR ZONE
--- CONST. (T) --- CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P PROPERTY LINE
△ TOP OF CUT
○ TOE OF SLOPE

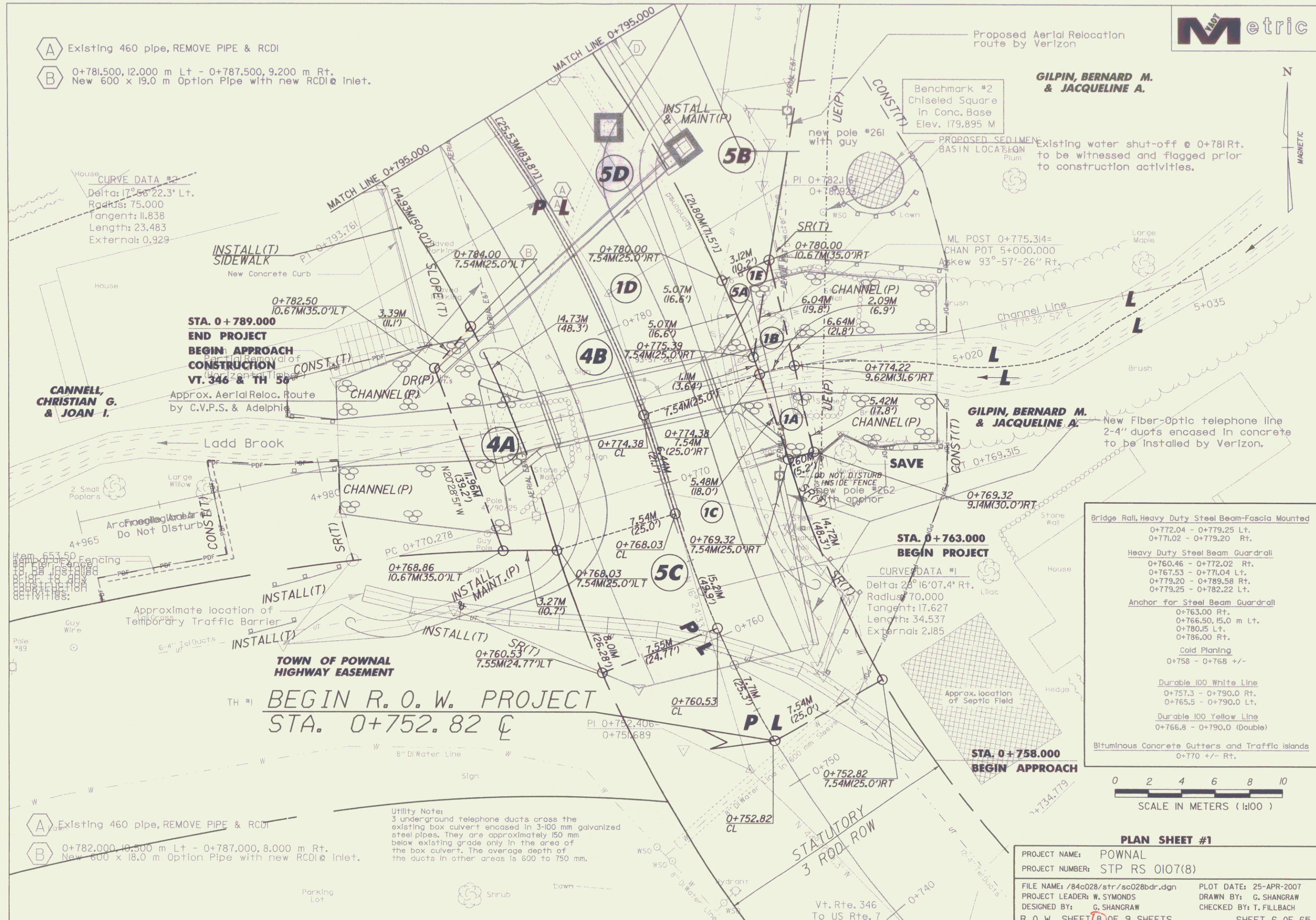
--- UE (P) --- PERMANENT UTILITY EASEMENT

APPROVED: ROGER P. DUMAS DATE: 02-04-03
CHIEF, PLANS & TITLES

R. O. W. PLANS
POWNAL
STP RS 0107(8)
R.O.W. SHEET 5 OF 9 SHEETS
SHEET 5 OF 65

GILPIN, BERNARD M. & JACQUELINE A.

- A** Existing 460 pipe, REMOVE PIPE & RCDI
- B** 0+781,500, 12,000 m Lt - 0+787,500, 9,200 m Rt.
New 600 x 19.0 m Option Pipe with new RCDI Inlet.



CURVE DATA #2
 Delta: 172°56'22.3" Lt.
 Radius: 75,000
 Tangent: 11,838
 Length: 23,483
 External: 0,929

CANNEL, CHRISTIAN G. & JOAN I.

Proposed Aerial Relocation route by Verizon

Benchmark #2
 Chiseled Square in Conc. Base
 Elev. 179.895 M

Existing water shut-off @ 0+781Rt. to be witnessed and flagged prior to construction activities.

STA. 0+789.00
END PROJECT
BEGIN APPROACH CONSTRUCTION
VT. 346 & TH 50

Approx. Aerial Reloc. Route by C.V.P.S. & Adelphi

Ladd Brook

2 Small Poplars

Large Willow

Arc Fencing

Do Not Disturb

Approximate location of Temporary Traffic Barrier

6" Tel Ducts

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

INSTALL (T)

TOWN OF POWNAL HIGHWAY EASEMENT

BEGIN R. O. W. PROJECT
STA. 0+752.82

UTILITY NOTES:
 3 underground telephone ducts cross the existing box culvert enclosed in 3-100 mm galvanized steel pipes. They are approximately 150 mm below existing grade only in the area of the box culvert. The average depth of the ducts in other areas is 600 to 750 mm.

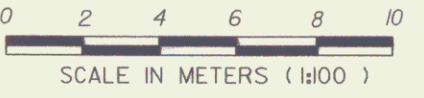
CURVE DATA #1
 Delta: 28°16'07.4" Rt.
 Radius: 70,000
 Tangent: 17,627
 Length: 34,537
 External: 2,185

STA. 0+763.00
BEGIN PROJECT

GILPIN, BERNARD M. & JACQUELINE A.

New Fiber-Optic telephone line 2-4" ducts encased in concrete to be installed by Verizon.

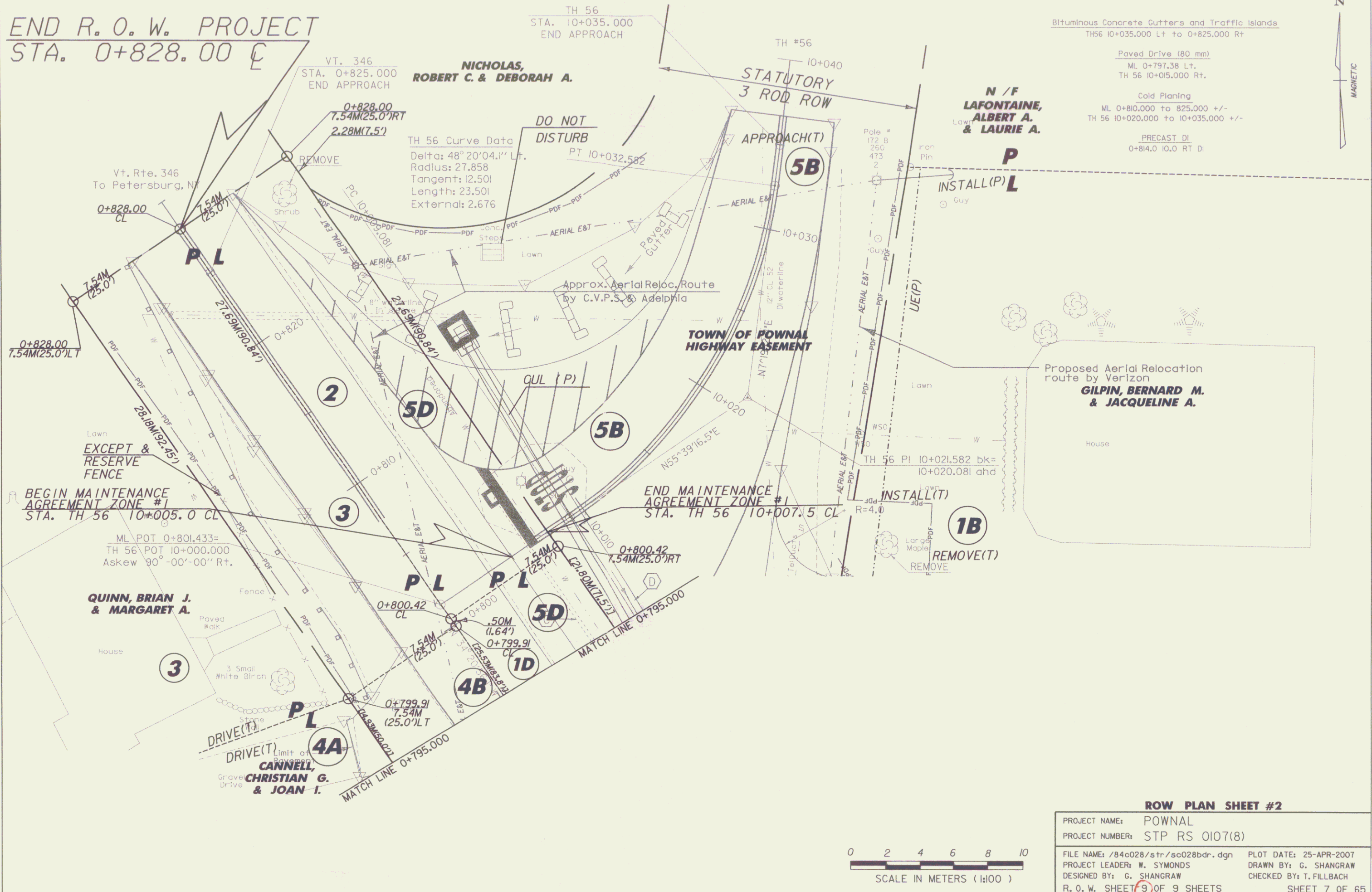
Bridge Rail, Heavy Duty Steel Beam-Fascia Mounted	0+772.04 - 0+779.25 Lt. 0+771.02 - 0+779.20 Rt.
Heavy Duty Steel Beam Guardrail	0+760.46 - 0+772.02 Rt. 0+767.53 - 0+771.04 Lt. 0+773.20 - 0+789.58 Rt. 0+779.25 - 0+782.22 Lt.
Anchor for Steel Beam Guardrail	0+763.00 Rt. 0+766.50, 15.0 m Lt. 0+780.05 Lt. 0+786.00 Rt.
Cold Planing	0+758 - 0+768 +/-
Durable 100 White Line	0+757.3 - 0+790.0 Rt. 0+765.5 - 0+790.0 Lt.
Durable 100 Yellow Line	0+766.8 - 0+790.0 (Double)
Bituminous Concrete Gutters and Traffic Islands	0+770 +/- Rt.



PLAN SHEET #1

PROJECT NAME:	POWNAL
PROJECT NUMBER:	STP RS 0107(8)
FILE NAME:	/84c028/str/sc028bdr.dgn
PROJECT LEADER:	W. SYMONDS
DESIGNED BY:	G. SHANGRAW
R. O. W. SHEET:	8 OF 9 SHEETS
PLOT DATE:	25-APR-2007
DRAWN BY:	G. SHANGRAW
CHECKED BY:	T. FILLBACH
SHEET:	6 OF 65

END R.O.W. PROJECT
STA. 0+828.00 CL



ROW PLAN SHEET #2

PROJECT NAME:	POWNAL
PROJECT NUMBER:	STP RS 0107(8)
FILE NAME:	/84c028/str/sc028bdr.dgn
PLOT DATE:	25-APR-2007
PROJECT LEADER:	W. SYMONDS
DRAWN BY:	G. SHANGRAW
DESIGNED BY:	G. SHANGRAW
CHECKED BY:	T. FILLBACH
R. O. W. SHEET	9 OF 9 SHEETS
	SHEET 7 OF 65