

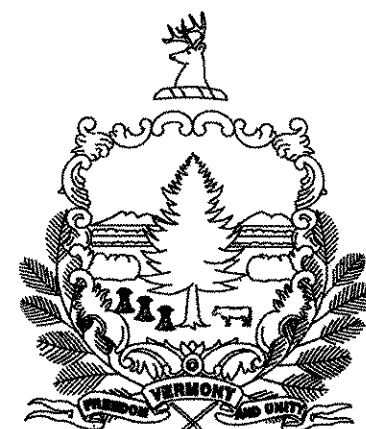
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G-1dM	ANCHOR FOR STEEL BEAM RAIL	01-03-00
G-19M	GENERIC GRADING PLANS G.RAIL END TERMINALS	11-15-02
J-3M	MAILBOX SUPPORT DETAIL	06-13-97

STATE OF VERMONT AGENCY OF TRANSPORTATION



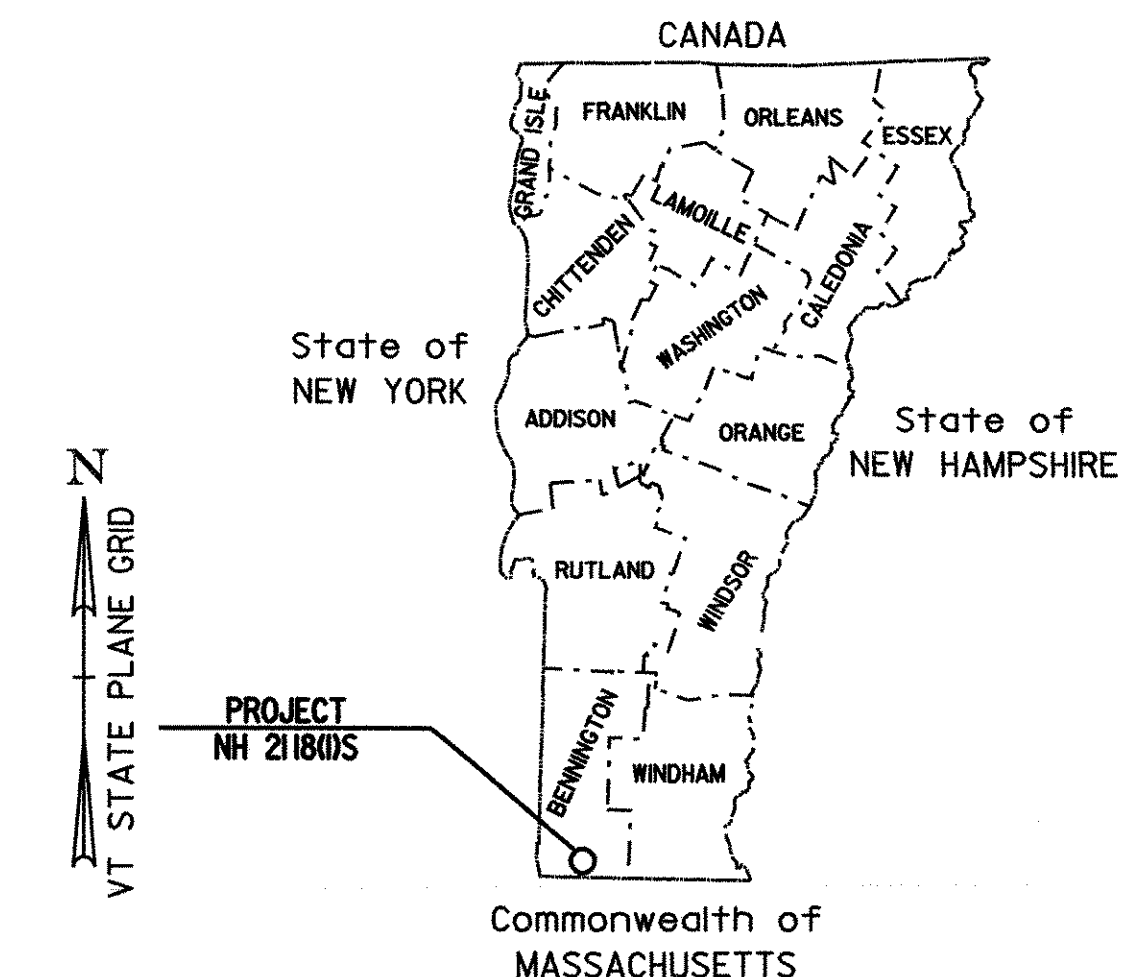
PROPOSED IMPROVEMENT TOWNS OF POWNAL AND BENNINGTON COUNTY OF BENNINGTON U.S. ROUTE 7

BEGINNING IN THE TOWN OF POWNAL AT THE MASSACHUSETTS/VERMONT STATE LINE ON U.S. ROUTE 7 AT STA. 0+000.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 7 FOR A DISTANCE OF 16,325.09 METERS (10.144 MILES) TO STA. 3+470.15 (MM 2.156) IN THE TOWN OF BENNINGTON

MILE MARKER TO MILE MARKER DATA	LENGTH (METERS)	LENGTH (MILES)
TOWN OF POWNAL U.S. ROUTE 7 STA. 0+000.00 (MM 0.000) TO STA. 12+854.94 (MM 7.988)	12,854.94	7.988
TOWN OF BENNINGTON U.S. ROUTE 7 STA. 0+000.00 (MM 0.000) TO STA. 3+470.15 (MM 2.156)	3,470.15	2.156
	16,325.09	10.144

LENGTH OF ROADWAY	16,325.09 METERS	10.144 MILES
LENGTH OF PROJECT	16,325.09 METERS	10.144 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH A SHIM / LEVELING COURSE, WEARING COURSE, PAVEMENT MARKINGS, GUARDRAIL AND INCIDENTAL ITEMS.



RECORD PLANS

CONTRACTOR: F W WHITCOMB CONSTRUCTION CORP. - WALPOLE NH

RESIDENT ENGINEER: TIM POKETTE

CONSTRUCTION BEGAN: JUNE 28, 2004

CONSTRUCTION COMPLETE: NOVEMBER 17, 2005

RECORD PLANS BY: T. POKETTE & E. FOSTER

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *Tim Pokette* RESIDENT ENGINEER

DATE: 01-06-2006

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

TRAFFIC DATA

U.S. ROUTE 7 (POWNAL MM 0.000 TO BENNINGTON MM 2.156)

SECT. #	201 ADT	2021 DHV	ESALS (2001 - 2021)
1	10,900	1,170	2,945,000
2	9,200	1,070	2,481,000
3	10,500	1,150	2,837,000
4	10,900	1,170	2,028,000

CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

PLANS PREPARED BY

McFARLAND-JOHNS ON, INC.
BINGHAMTON, N.Y.

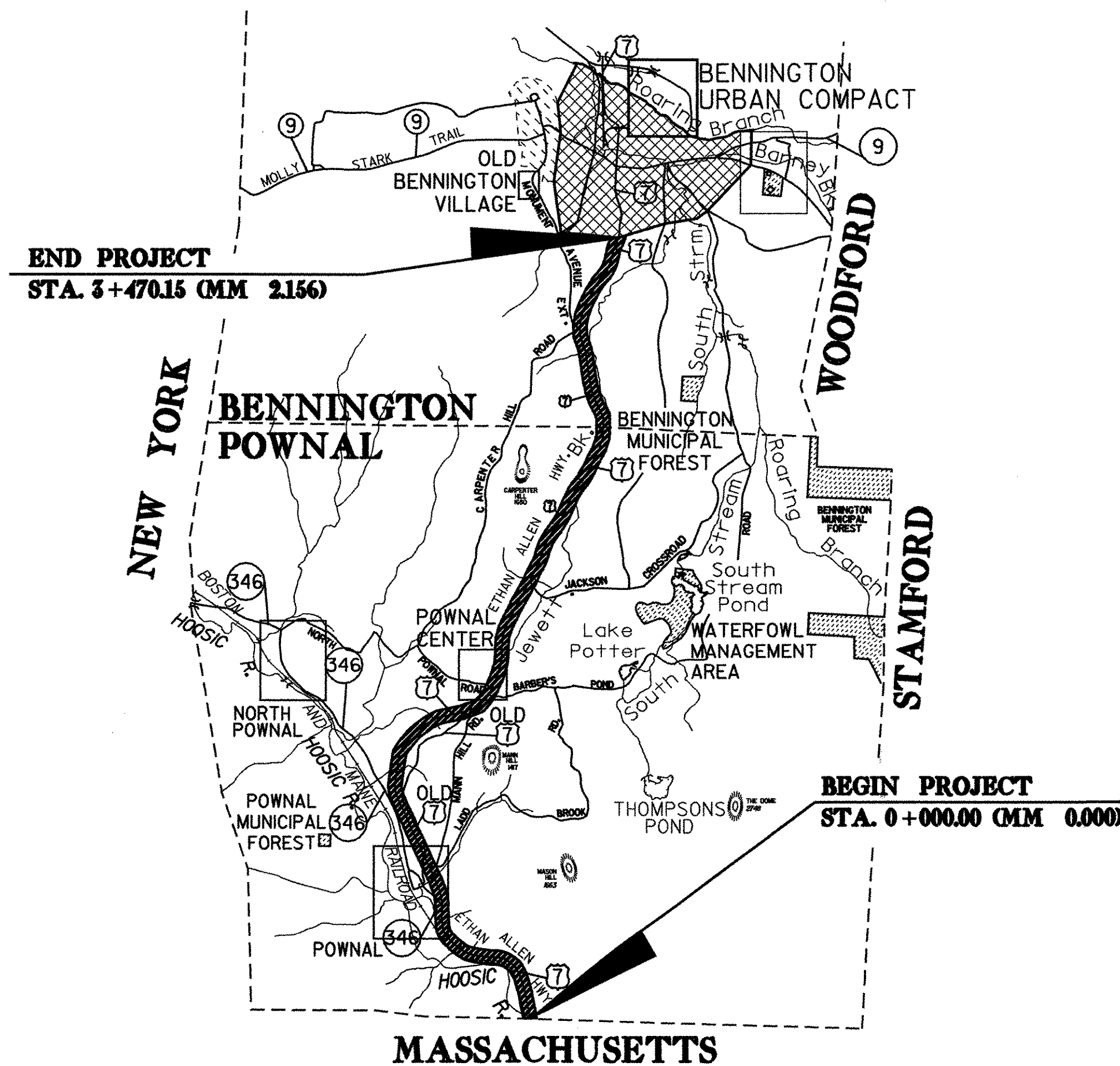
BY _____

SURVEYED BY : _____

SURVEYED DATE : _____

DATUM

VERTICAL
HORIZONTAL



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

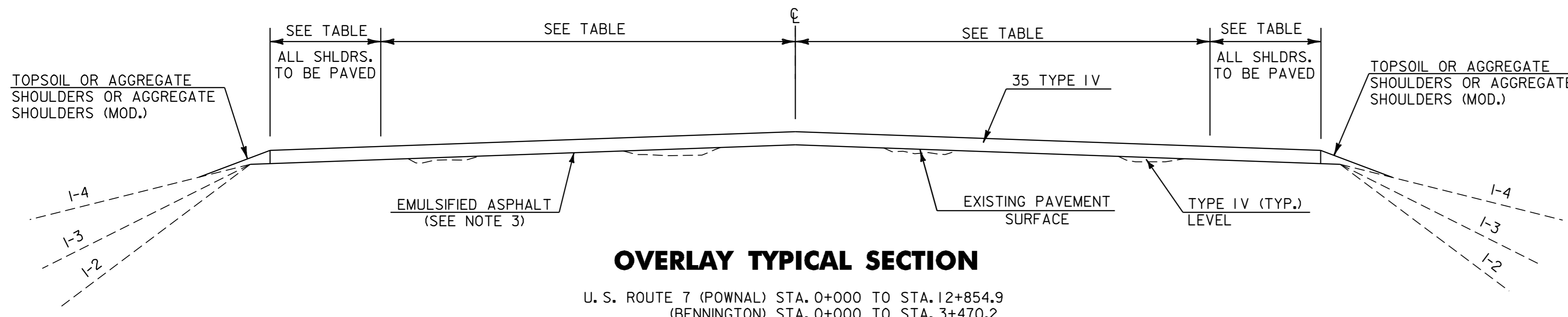
Metric

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

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED _____	DATE _____
DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE 12/12/03
PROJECT MANAGER :	
PROJECT NAME :	POWNAL-BENNINGTON
PROJECT NUMBER :	ACNH 218(1)S
SHEET 1 OF 65 SHEETS	

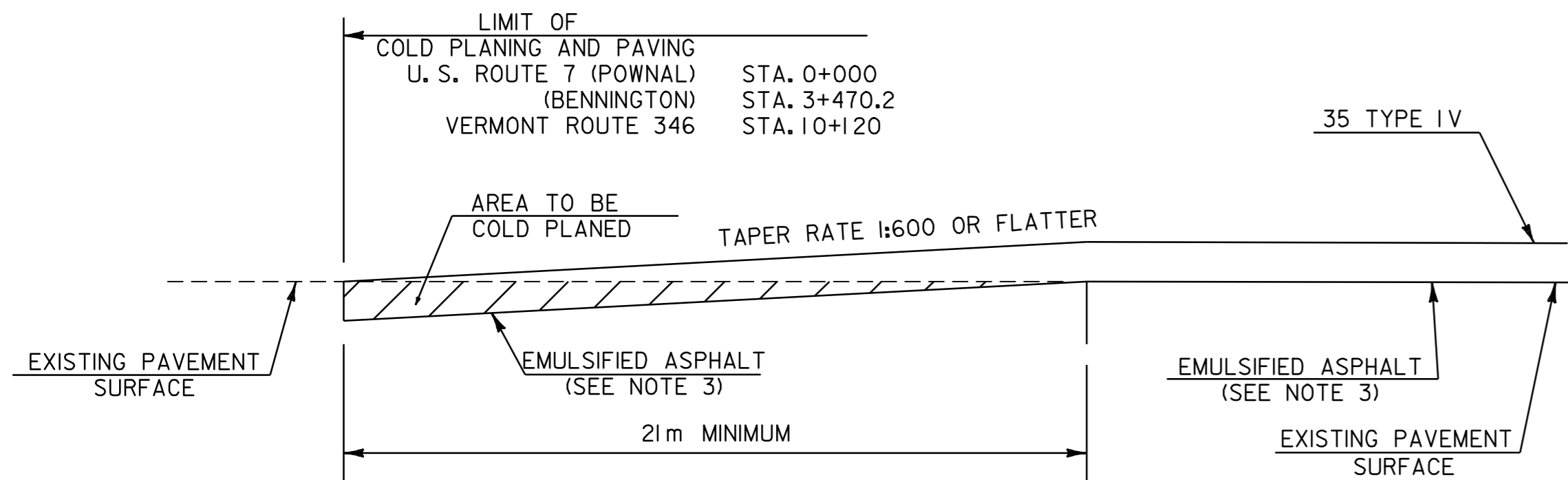
NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV. ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE 58-34.
2. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
3. EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT, AND ON COLD PLANED AREAS AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 5mm. (TOTAL THICKNESS EXCLUDING LEVELING)
5. ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE DIRECTED AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.25. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
6. THE EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75mm OR AS DIRECTED BY THE ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL-PURPOSE EXCAVATOR OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED). EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER.
7. 0.9m OF BACKING IS REQUIRED BEHIND FACE OF GUARD RAIL WITH 1.8m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4m POSTS SHALL BE USED.
8. AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARD RAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN. PAYMENT IS UNDER ITEM 203.99, SHOULDER BERM REMOVAL.
9. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.25, BITUMINOUS CONCRETE PAVEMENT.
10. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD.) ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
11. ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.25, BITUMINOUS CONCRETE PAVEMENT.



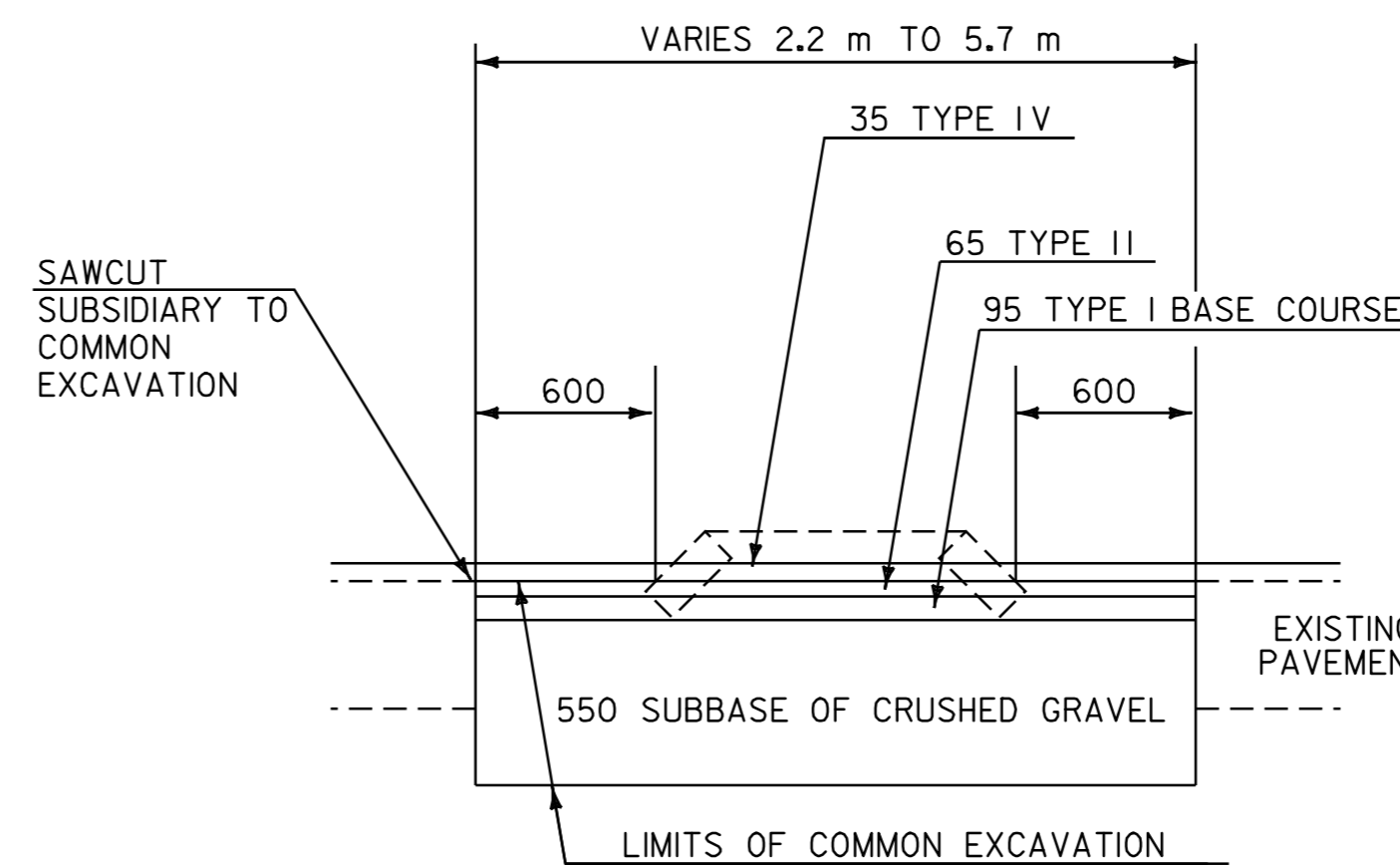
OVERLAY TYPICAL SECTION

U. S. ROUTE 7 (POWNA) STA. 0+000 TO STA. 12+854.9
(BENNINGTON) STA. 0+000 TO STA. 3+470.2



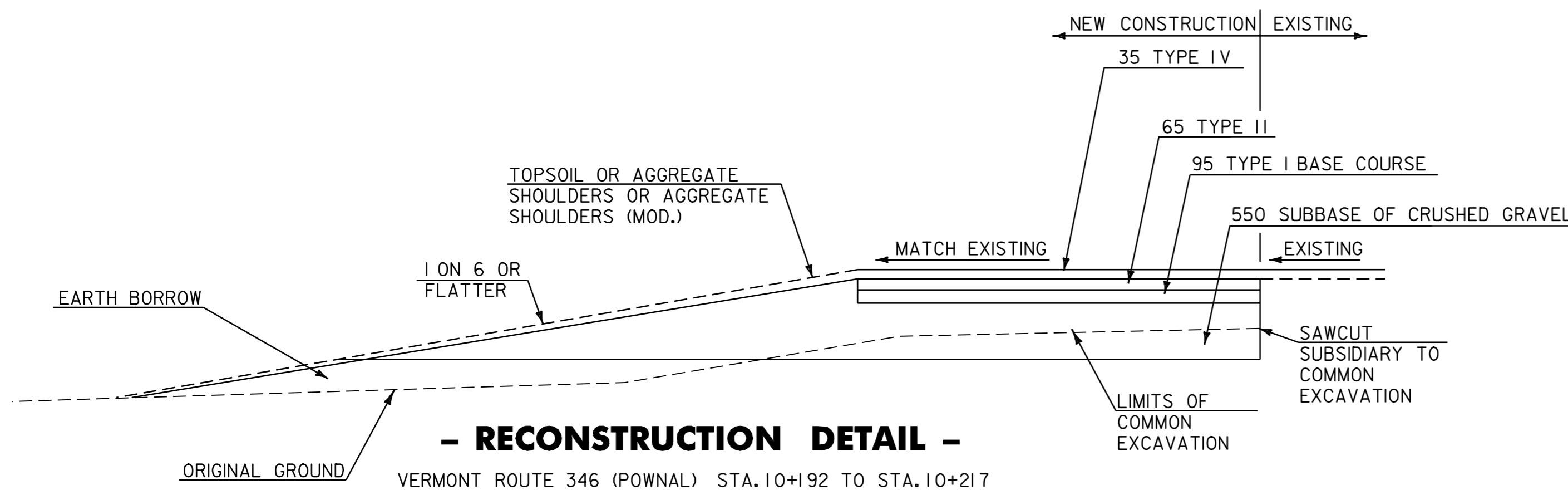
- APPROACH AREA DETAIL -

U. S. ROUTE 7 (POWNA) STA. 0+000.00 (BEGIN PROJECT)
(BENNINGTON) STA. 12+854.94 (END PROJECT)



- ISLAND REMOVAL DETAIL -

U. S. ROUTE 7 (POWNA) STA. 2+868 TO STA. 2+984
STA. 3+005 TO STA. 3+103
VERMONT ROUTE 346 (POWNA) STA. 10+192 TO STA. 10+214



- RECONSTRUCTION DETAIL -

VERMONT ROUTE 346 (POWNA) STA. 10+192 TO STA. 10+217

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
POWNA U.S. ROUTE 7	0+000.00	2+390	2.6m - 3.6m - 3.6m - 2.6m	35	1067	LEVEL (15 mm, TYPE IV), OVERLAY (35 mm, TYPE IV)
	2+390	2+490	3.0m - 3.6m - 3.6m - 3.3m - 1.8m	35	50	
	2+490	2+580	3.0m - 3.6m - 3.6m - 3.3m - 1.8m	35	50	
	2+580	3+197	VARIES -- SEE PLAN SHEETS	35	437	
	3+197	3+679	2.4m - 3.6m - 3.6m - 3.3m - 1.8m	35	255	
	3+679	3+770	2.4 m - 3.6m - 3.6m - 5.1m	35	48	
	3+770	3+795	2.1m - 3.6m - 3.6m - 4.8m	35	13	
	3+795	4+142	2.1m - 3.6m - 3.6m - 4.8m	35	176	
	4+142	4+147	2.1m - 3.6m - 3.6m - 2.1m	35	2	
	4+147	6+333	2.1m - 3.6m - 3.6m - 2.1m	35	897	
	6+333	6+413	2.1m - 3.6m - 3.6m - 3.3m - 1.5m	35	37	
	6+413	7+857	2.1m - 3.6m - 3.6m - 3.3m - 1.5m	35	733	
	7+857	7+947	2.1m - 3.6m - 3.6m - 2.1m	35	41	
	7+947	8+603	2.1m - 3.6m - 3.6m - 2.1m	35	269	
BENNINGTON U.S. ROUTE 7	8+603	8+621	0.6m - 3.3m - 3.3m - 0.6m	35	6	
	8+621	10+498	0.6m - 3.3m - 3.3m - 0.6m	35	527	
	10+498	10+589	1.5m - 3.3m - 3.6m - 3.3m - 2.1m	35	35	
	10+589	11+143	1.5m - 3.3m - 3.6m - 3.3m - 2.1m	35	275	
VERMONT ROUTE 346	11+143	11+262	1.2m - 3.6m - 3.6m - 2.1m	35	52	
	11+262	11+655	0.6m - 3.3m - 3.3m - 0.6m	35	130	
	11+655	12+854.94	0.6m - 3.3m - 3.3m - 0.6m	35	337	
	0+000.00	3+470.15	0.6m - 3.3m - 3.3m - 0.6m	35	975	
VERMONT ROUTE 346	10+120	10+216	VARIES -- SEE PLAN SHEETS	35	52	LEVEL (15 mm, TYPE IV), OVERLAY (35 mm, TYPE IV)

RURAL AREAS - SEED MIXTURE

% WT	kg/ha	NAME	PUR %	GERM %
37.1	26.0	CREeping RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFOL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

SEED MIXTURE:
SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER:
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS:
TO BE PLACED AT PIPE INLETS AND OUTLETS ONLY FOR DELINEATION.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

PROJECT TYPICAL SHEET

PROJECT: POWNA-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68+y01.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 2 OF 65



SUMMARY OF ESTIMATED QUANTITIES

	NON-GOV'T PARTICIPATING		GOV'T PARTICIPATING		QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
	BRIDGE	ROADWAY	BRIDGE	ROADWAY					
				4	4	EA	THINNING AND TRIMMING (FOR SIGNS)	201.31	EST.
				560	560	m ³	COMMON EXCAVATION	203.15	6.65
				150	150	m ³	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	3.89
				925	925	m ³	EARTH BORROW	203.30	EST.
				2,900	2,900	m	SHOULDER BERM REMOVAL	203.99	31
				1	1	m ³	TRENCH EXCAVATION OF EARTH (N.A.B.I.)	204.20	--
				4,700	4,700	m ²	COLD PLANING - BITUMINOUS PAVEMENT	210.10	6.4
				80	80	+	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.28	4.1
				1,160	1,160	+	AGGREGATE SHOULDERS	402.12	31.0
				400	400	+	AGGREGATE SHOULDERS (MOD.)	402.12	21.6
				44,750	44,750	kg	EMULSIFIED ASPHALT	404.65	482
				24,000	24,000	+	BITUMINOUS CONCRETE PAVEMENT (58-34)	406.25	423
				1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	--
			16		16	m	BRIDGE RAILING-HD STEEL BEAM/FASCIA MOUNTED (MOD - W/ NEW ANCHOR BOLTS)	525.41	0.8
				30	30	m	300mm CSP 1.63mm (68mm x 12mm)	601.0005	EST.
				6	6	EA	300mm CSPES 1.63mm (68mm x 12mm)	601.6005	EST.
				10	10	EA	REHABING DI, CB, OR MH, CLASS I	604.412	0
				120	120	HR	POWER GRADER RENTAL	608.15	EST.
				25	25	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
				90	90	HR	POWER BROOM RENTAL	608.30	EST.
				60	60	HR	TRUCK RENTAL	608.37	EST.
				20	20	HR	LOADER RENTAL, TYPE I	608.40	EST.
				125	125	m ³	STONE FILL, TYPE I	613.10	5.0
				13	13	+	BITUMINOUS CONCRETE CURB, TYPE B	616.31	0.3
				50	50	m	TREATED TIMBER CURB	616.35	EST.
				185	185	m	REMOVAL OF EXISTING CURB	616.41	2
				35	35	+	BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS	616.47	3
				19	19	EA	RELOCATE MAIL BOX, SINGLE SUPPORT	617.10	EST.
				18	18	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	EST.
				50	50	EA	YIELDING MARKER POSTS	619.17	1
				2,569	2,569	m	STEEL BEAM GUARD RAIL	621.20	15.2

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
14,960	+	U. S. ROUTE 7 - 35mm TYPE IV WEARING COURSE
6,464	+	U. S. ROUTE 7 - 15mm TYPE IV (SPOT LEVELING)
134	+	U. S. ROUTE 7 - 65mm TYPE II
195	+	U. S. ROUTE 7 - 95mm TYPE I
122	+	VT. ROUTE 346 - 35mm TYPE IV WEARING COURSE
226	+	VT. ROUTE 346 - 65mm TYPE II
331	+	VT. ROUTE 346 - 95mm TYPE I
30	+	TRAILER PARK DRIVE - 35mm TYPE IV WEARING COURSE
56	+	TRAILER PARK DRIVE - 65mm TYPE II
82	+	TRAILER PARK DRIVE - 95mm TYPE I
684	+	SIDE ROADS AND DRIVES - 35mm TYPE IV
293	+	SIDE ROADS AND DRIVES - 15mm TYPE IV (SPOT LEVELING)
423	+	ROUNDING
24,000	+	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
608		TYPE I TOTAL
416		TYPE II TOTAL
22553		TYPE IV TOTAL
423		ROUNDING
24000	T	TOTAL

PROJECT: POWNAL-BENNINGTON PROJECT NO.: NH 2118(I)S
 DESIGN FILE NAME: /pave/98bl68/pbl68.dgn
 IPARM FILE NAME: pbl68qs01.1
 SURVEYED BY: ACT, SJL, RAL PLOT DATE: 17-JAN-2006 14
 SQUAD LEADER: JAV DRAWN BY: ACT SURVEY DATE:
 SHEET: 3 OF 65

ITEM DETAIL SUMMARY SHEET #1

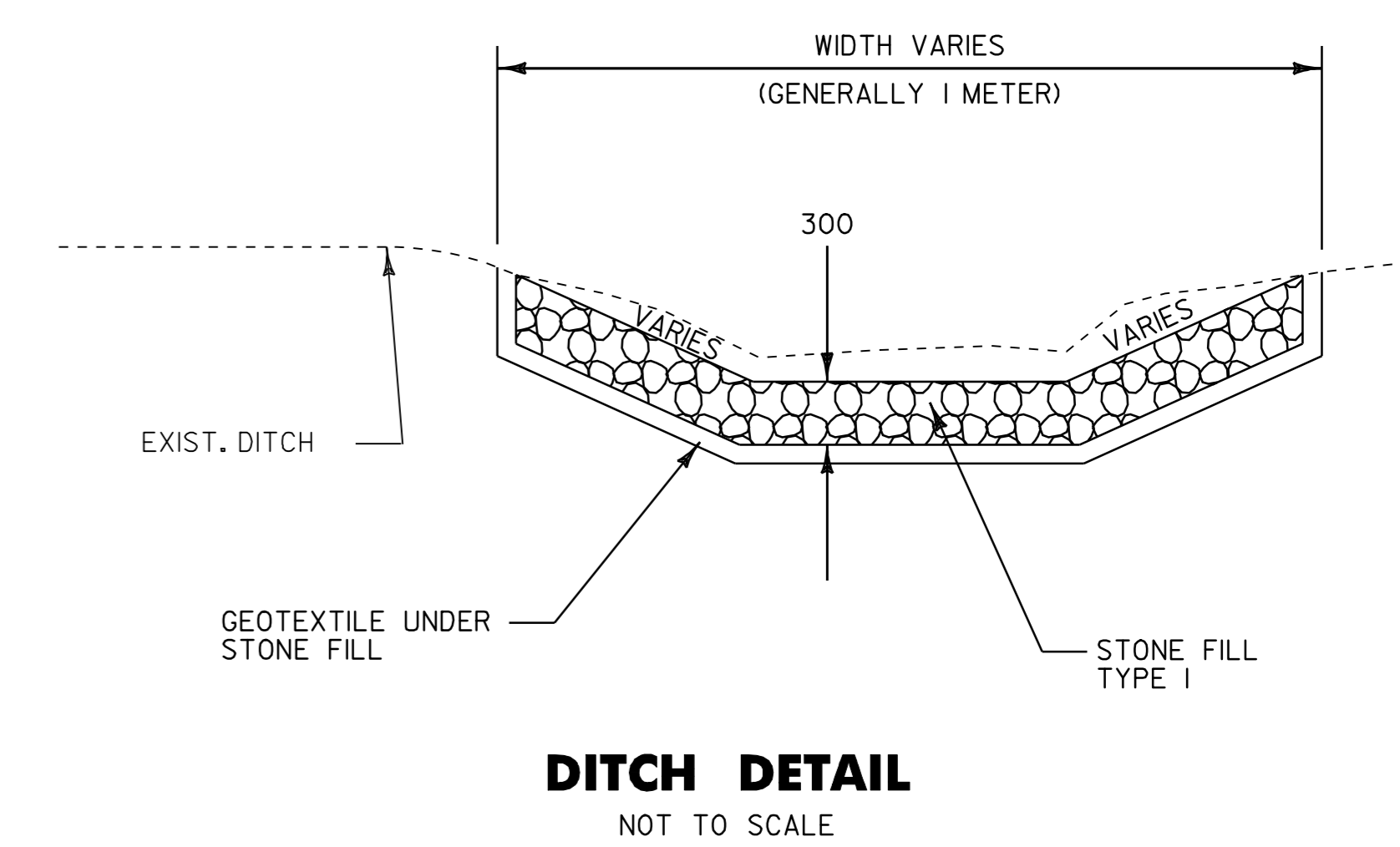


STATION	STATION	POS.	COMMON EXCAVATION	STONE FILL TYPE I	GEOTEXTILE UNDER STONE FILL	BITUMINOUS CONC. GUTTERS & TRAFFIC ISLANDS	SHOULDER BERM REMOVAL	TREATED TIMBER CURB	REMOVAL OF EXISTING CURB	BITUMINOUS CONC. CURB	REHAB. OF DI, CB, OR MH			GRATE TYPE	GUARD RAIL ITEMS										REMARKS		
			203.15	613.10	649.31	616.47	203.99	616.35	616.41	616.31	604.412	604.415	604.418		EA	EA	EA	EA	621.20	621.20 (MOD)	621.21	621.505	621.60	621.75		621.76	621.77
U. S. ROUTE 7 TOWN OF POWNAL			m ³	m ³	m ²	+	m	m	m	+	EA	EA	EA	EA	m	m	m	EA	EA	m	EA	EA	m	m	EA		
0+000	0+416.0	LT.					405																			11.4	
0+005	0+041.6	RT.													26.6				2							26.6	
0+010		LT.																									
0+160		RT.																									
0+300		RT.																									
1+328.0	1+466.0	RT.					116																			22.8	
1+409.0	1+474.0	LT.					43																			22.8	
1+640.0	2+146.0	LT.													482.6											505.4	
1+878		RT.																									
2+636.0	2+824.0	LT.													163.4											186.2	
2+705.0	2+756.0	RT.					29																			22.8	
3+027		RT.																									
3+035		RT.																									
3+296.0	3+415.0	LT.					97																			22.8	
3+338.0	3+415.0	RT.					55		55	3.82																22.8	
3+787.0	4+065.0	LT.													254.6											277.4	
3+818.0	4+084.0	RT.					244																			22.8	INSTALL NEW BLOCKOUTS
4+253.0	4+493	LT.					229																			11.4	
4+493.4	4+618.8	LT.													125.4											125.4	
4+619	4+991	LT.					372																				
4+630		RT.																									
4+991.3	5+158.5	LT.													167.2											167.2	
5+010		RT.																									
5+159	5+482	LT.					323																				
5+481.6	5+804.6	LT.													323.0											22.8	
5+805	6+186	LT.					381																				
6+185.8	6+398.6	LT.													212.8											22.6	
6+399	6+621	LT.					211																			11.4	
6+504	6+615.0	RT.					70		70	4.87					30.4				1	1						22.8	
6+723.0	7+072.0	LT.																								22.8	
6+744.0	7+060.0	RT.					294																			22.8	
TOTAL THIS PAGE							2869		125	8.69	8			1786.0				25	3	326.8					1573		

ITEM DETAIL SHEET #1	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl681d01.l	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 6 OF 65	

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS	LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			EROS. MATT.	STONE FILL TYP. 1	GEOT. UNDER STONE FILL		SITE	STATION	STATION	POS.	PERCENT GRADE			EROS. MATT.	STONE FILL TYP. 1	GEOT. UNDER STONE FILL	
				0-2	2-5	>5									0-2	2-5	>5				
U.S. ROUTE 7, POWNAL DISTRICT 1							m2	m3	m2								m2	m3	m2		
I	0+070	0+470	RT.		400			120.0	648.0	CLEAN EXIST. DITCH											
SUBTOTALS					400			120.0	648.0	TO ITEM DETAIL SHEET	SUBTOTALS										

LOCATION				METERS OF DITCHING			MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			EROS. MATT.	STONE FILL TYP. 1	GEOT. UNDER STONE FILL	
				0-2	2-5	>5				
PROJECT SUBTOTALS										
ROUNDING										
PROJECT TOTALS										



NOTES:

PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

AN ESTIMATED QUANTITY OF EROSION MATTING AND STONE FILL TYPE 1 HAS BEEN INCLUDED. EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 AND 5 PERCENT AND STONE FILL TYPE 1 SHALL BE USED IN ALL DITCHES WITH A GRADE GREATER THAN 5 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.

DITCH CLEANING DETAIL SHEET	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68dc01.i	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 8 OF 65	



TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 0+000.00 TO STA. 0+210.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)
STA. 0+048 RT. (MASON HILL ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 0+000.00 TO STA. 0+210.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROAD)

SHOULDER BERM REMOVAL

STA. 0+000 LT. TO STA. 0+210 LT.
~~STA. 0+005 RT. TO STA. 0+015 RT.~~

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 0+048 RT. - "STOP" (MASON HILL ROAD)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 0+048 RT. (MASON HILL ROAD)

REHABILITATION OF DI, CB, OR MH, CLASS I

STA. 0+010 LT.
STA. 0+160 RT.

DURABLE 100mm YELLOW LINE (POLYUREA)

STA. 0+000 TO STA. 0+210 (LT & RT)

DURABLE 100mm WHITE LINE (POLYUREA)

STA. 0+000 TO STA. 0+210 (EDGE LINE)

REMOVING SIGNS

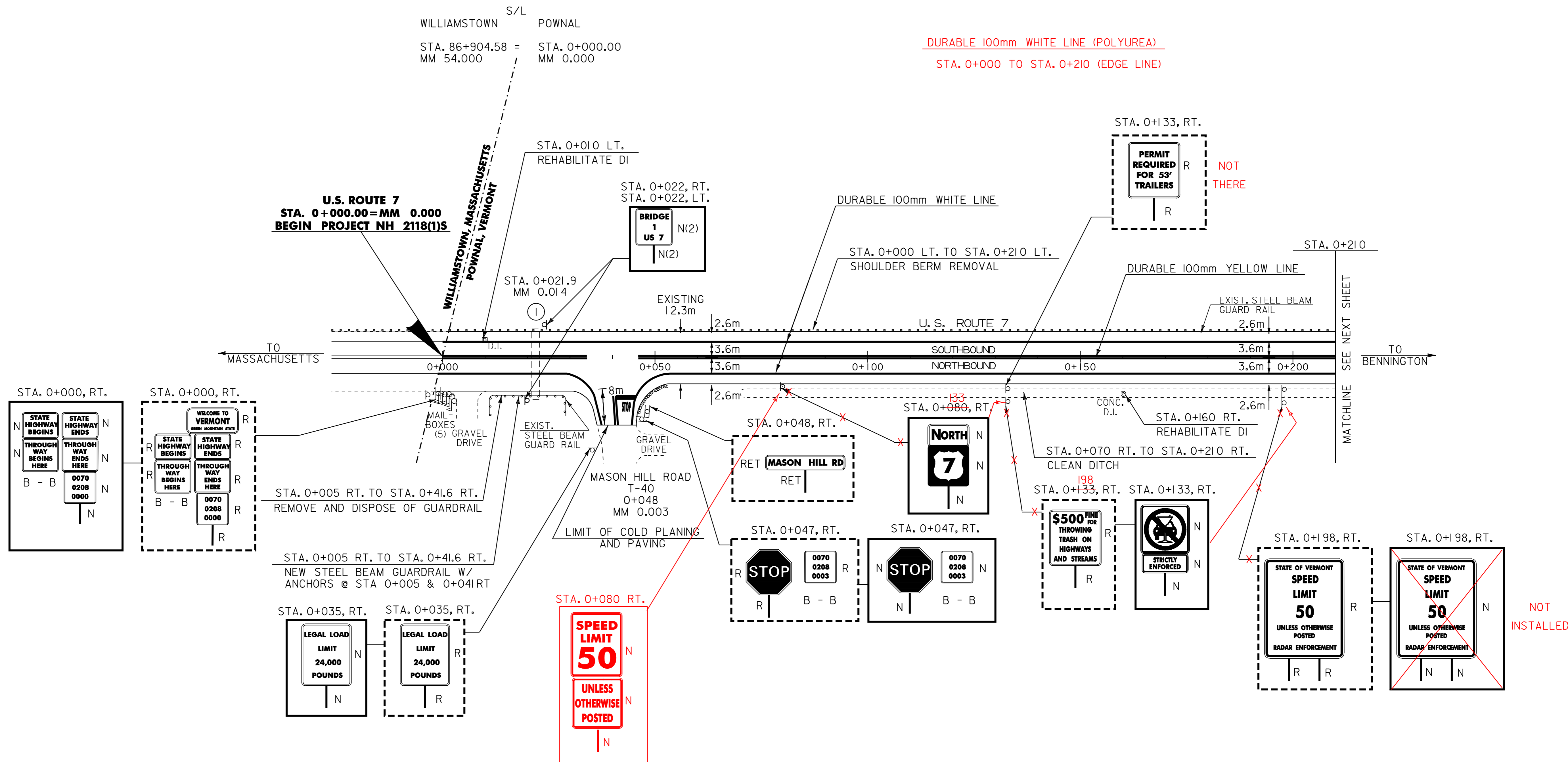
|| +2 -- AS SHOWN

REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 0+005 RT. TO STA. 0+41.6 RT.

STEEL BEAM GUARDRAIL

STA. 0+005 RT. TO STA. 0+41.6 RT.



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #1	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68I01.I	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 9 OF 65

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA. 0+210.00 TO STA. 0+690.0 SOLID LT. AND RT.

REHABILITATION OF DI, CB, OR MH, CLASS I
STA. 0+300 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL
STA. 0+404.6 LT. TO STA. 0+416.0 LT.

REMOVING SIGNS
5-6 -- AS SHOWN

TEMPORARY AND DURABLE 100mm WHITE LINE
STA. 0+210.00 TO STA. 0+690.0 SOLID LT. AND RT. (EDGE LINE)

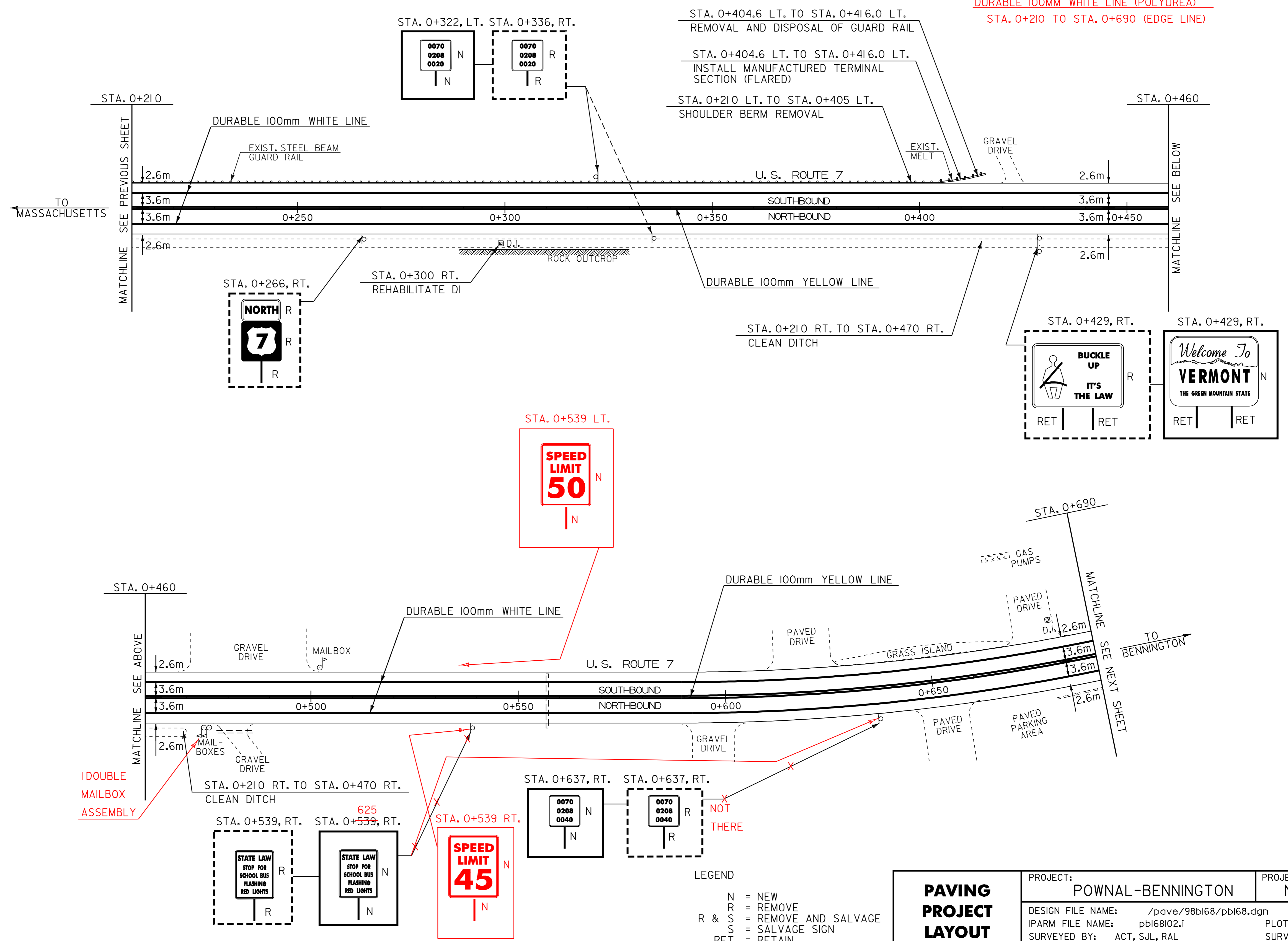
MANUFACTURED TERMINAL SECTION (FLARED)
STA. 0+404.6 LT. TO STA. 0+416.0 LT.

SHOULDER BERM REMOVAL
STA. 0+210 LT. TO STA. 0+405 LT.

THINNING AND TRIMMING FOR SIGNS
STA. 0+539.0 RT.

DURABLE 100MM YELLOW LINE (POLYUREA)
STA. 0+210 TO STA. 0+690 (LT & RT)

DURABLE 100MM WHITE LINE (POLYUREA)
STA. 0+210 TO STA. 0+690 (EDGE LINE)



DOUBLE MAILBOX ASSEMBLY

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #2

PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68i02.i	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 10 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 0+690.0 TO STA. 1+230.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)
STA. 1+230.0 TO STA. 1+390.0 SOLID DOUBLE LT. AND RT.

DURABLE 100mm YELLOW LINE (POLYUREA)
STA. 0+690 TO STA. 1+390 (LT & RT)

DURABLE 100mm WHITE LINE (POLYUREA)
STA. 0+690 TO STA. 1+390 (LT & RT)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 0+690.00 TO STA. 1+390.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROAD)

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 1+328.0 RT. TO STA. 1+339.4 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 1+328.0 RT. TO STA. 1+339.4 RT.

SHOULDER BERM REMOVAL

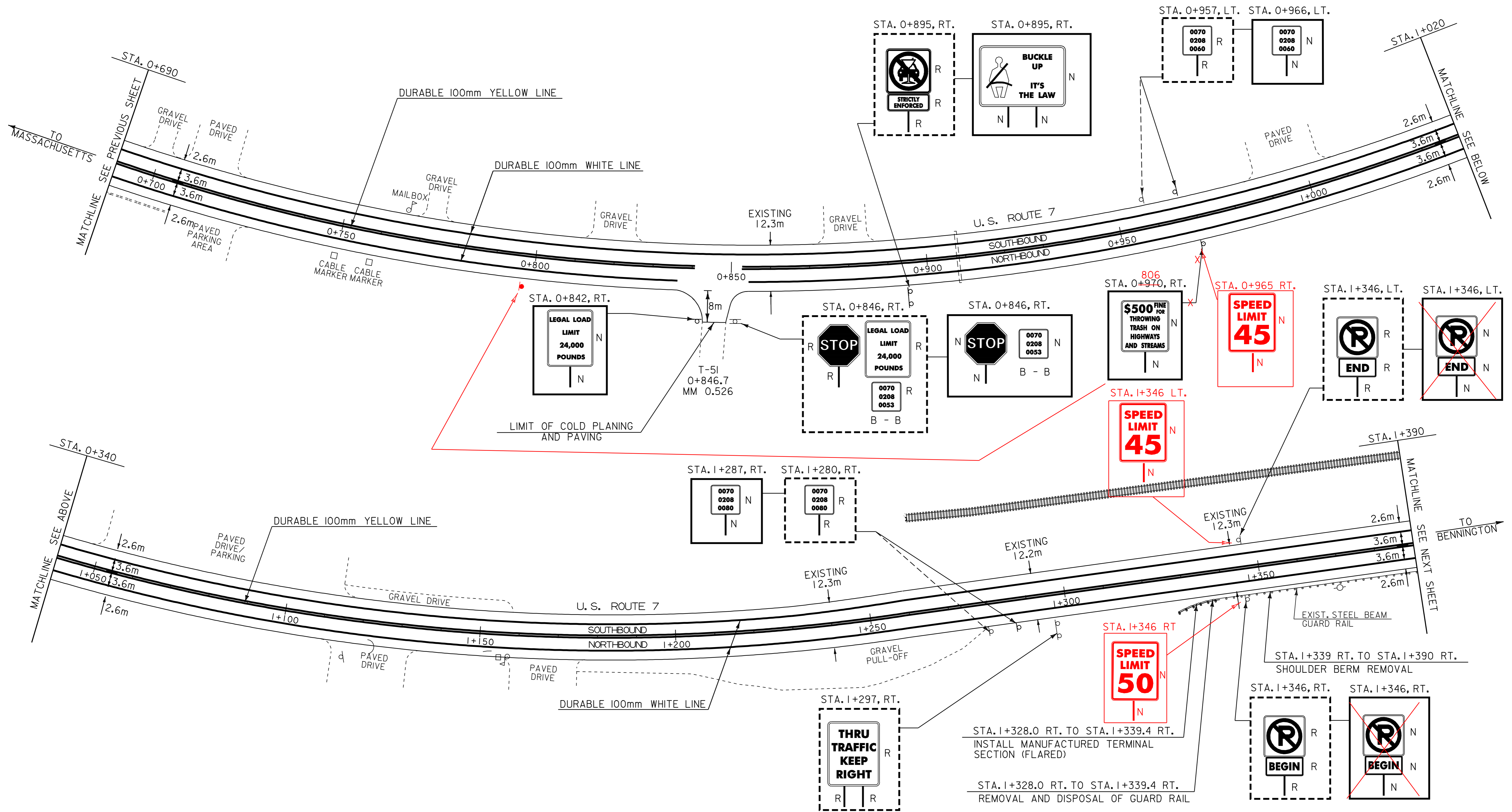
STA. 1+339 RT. TO STA. 1+390 RT.
328

REMOVING SIGNS

12-14 -- AS SHOWN

THINNING AND TRIMMING FOR SIGNS

STA. 1+346.0 RT.



- LEGEND**
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #3

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68i03.i	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	11 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 1+390.0 TO STA. 1+730.0 SOLID DOUBLE LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)
STA. 1+495 RT. (T.H. 50)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 1+390.0 TO STA. 1+730.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROAD)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 1+495 RT. (T.H. 50)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 1+495 RT. - "STOP" (T.H. 50)

SHOULDER BERM REMOVAL

STA. 1+390 RT. TO STA. 1+455 RT.
STA. 1+420 LT. TO STA. 1+463 LT.
~~STA. 1+651 LT. TO STA. 1+730 LT.~~

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 1+409.0 LT. TO STA. 1+420.4 LT.
STA. 1+454.6 RT. TO STA. 1+466.0 RT.
STA. 1+462.6 LT. TO STA. 1+474.0 LT.
STA. 1+640.0 LT. TO STA. 1+651.4 LT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 1+409.0 LT. TO STA. 1+420.4 LT.
STA. 1+454.6 RT. TO STA. 1+466.0 RT.
STA. 1+462.6 LT. TO STA. 1+474.0 LT.
STA. 1+640.0 LT. TO STA. 1+730.0 LT.

REMOVING SIGNS

4 -- AS SHOWN

REMOVING SIGNS (MOD.)

1 -- AS SHOWN

STEEL BEAM GUARDRAIL

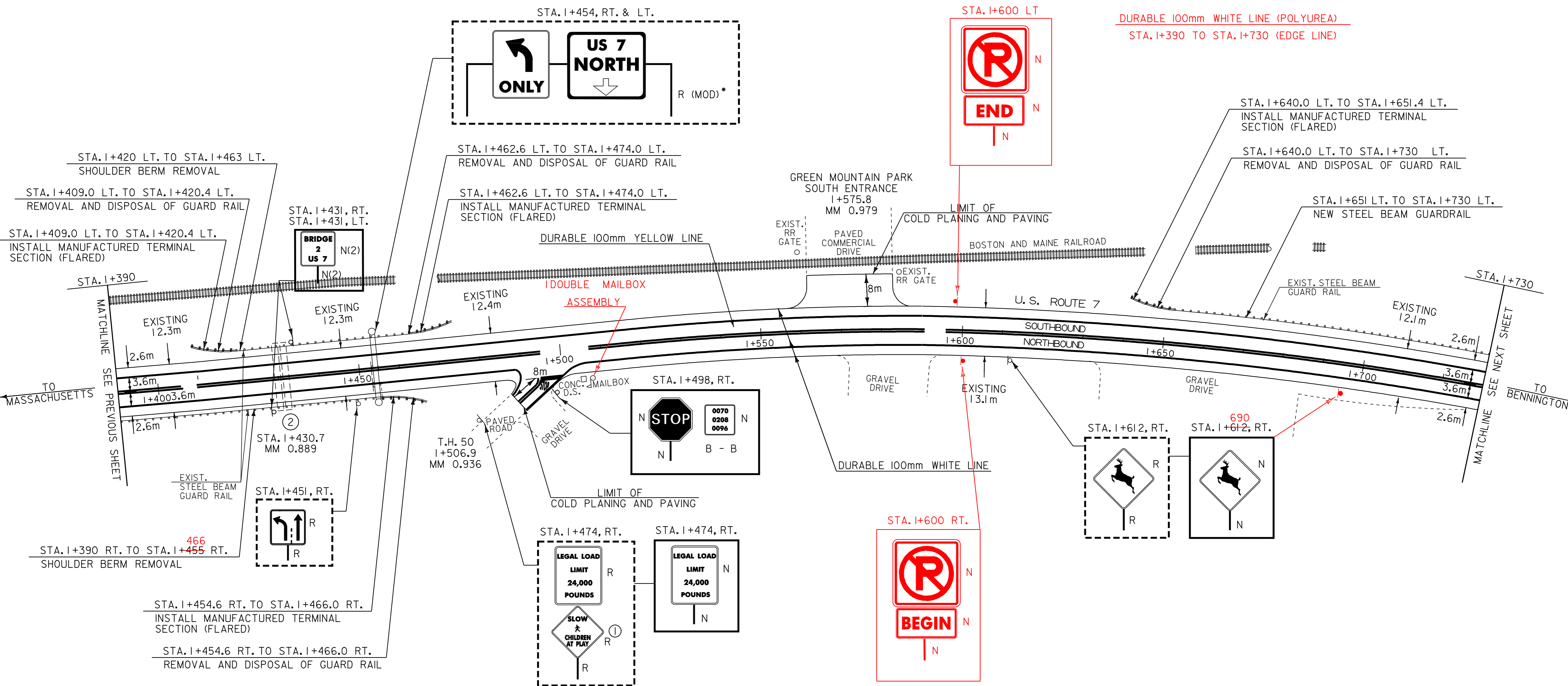
STA. 1+651 LT. TO STA. 1+730 LT.

DURABLE 100mm YELLOW LINE (POLYUREA)

STA. 1+390 TO STA. 1+730 (LT & RT)

DURABLE 100mm WHITE LINE (POLYUREA)

STA. 1+390 TO STA. 1+730 (EDGE LINE)



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK
 - Ⓢ = RETURN TO TOWN OF POWNAL

* REMOVE OVERHEAD SIGNS, SIGN STRUCTURE AND BASES

PAVING PROJECT LAYOUT #4	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l04.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 12 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 1+730.0 TO STA. 1+749.4 SOLID DOUBLE LT. AND RT.
STA. 1+749.4 TO STA. 2+430.0 SOLID LT. AND RT.

SHOULDER BERM REMOVAL

~~STA. 1+730 LT. TO STA. 2+135 LT.~~

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 2+134.6 LT. TO STA. 2+146.0 LT.

REMOVING SIGNS

9 +- -- AS SHOWN

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 1+730.0 TO STA. 2+430.0 SOLID LT. AND RT. (EDGE LINE)

REHABILITATION OF DI, CB, OR MH, CLASS I

STA. 1+878 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 1+730.0 LT. TO STA. 2+146.0 LT.

THINNING AND TRIMMING FOR SIGNS

STA. 1+956.0 RT.

STEEL BEAM GUARDRAIL

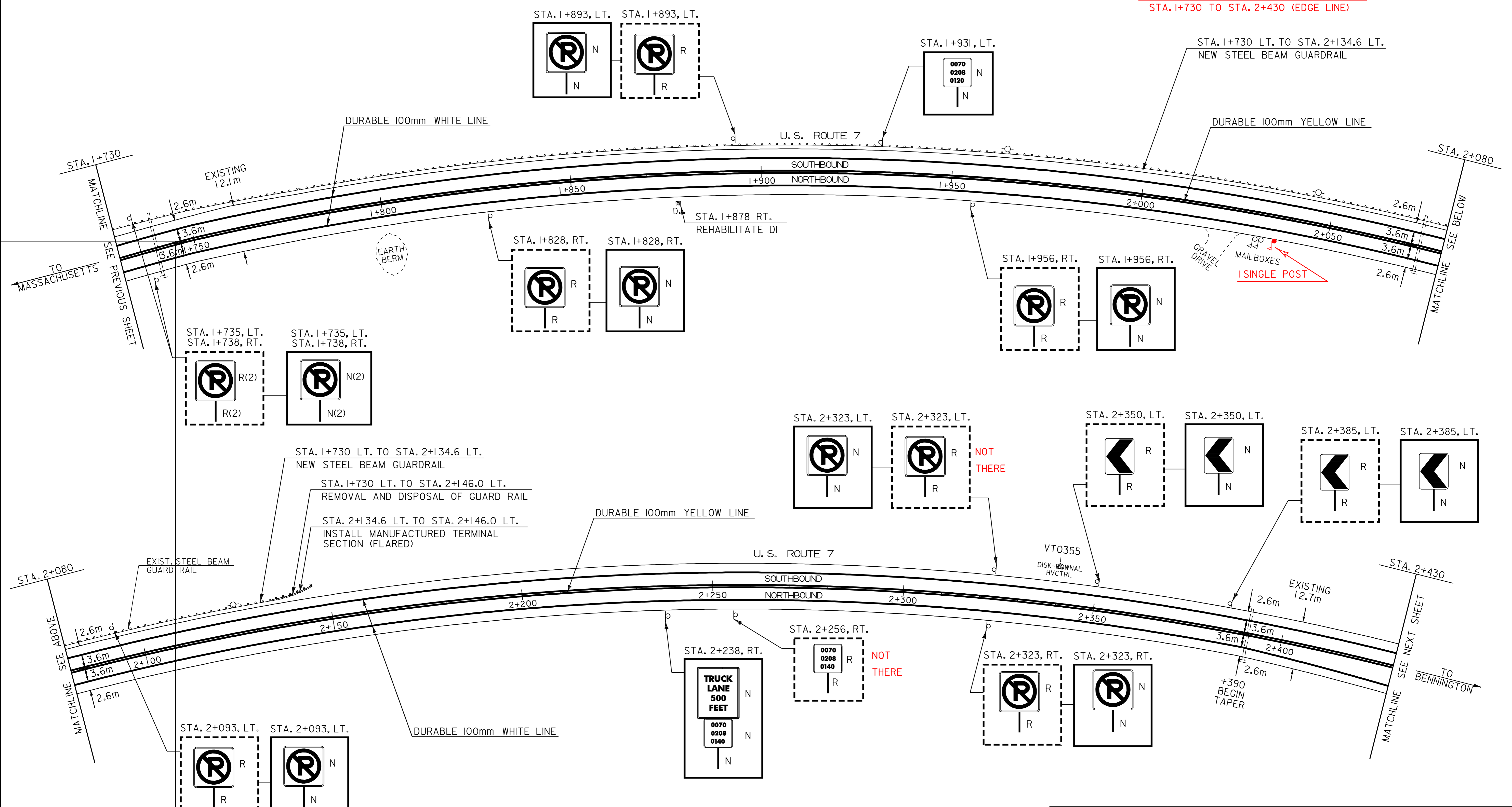
STA. 1+730 LT. TO STA. 2+134.6 LT.

DURABLE 100mm YELLOW LINE (POLYUREA)

STA. 1+730 TO STA. 2+430 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)

STA. 1+730 TO STA. 2+430 (EDGE LINE)



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #5

PROJECT:	POWNAW-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68105.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	13 OF 65

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 2+430.0 TO STA. 2+730.0 SOLID LT. AND RT.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 2+430.0 TO STA. 2+730.0 SOLID LT. AND RT. (EDGE LINE)

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 2+636.0 LT. TO STA. 2+647.4 LT.
STA. 2+705.0 RT. TO STA. 2+716.4 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 2+636.0 LT. TO STA. 2+730.0 LT.
STA. 2+705.0 RT. TO STA. 2+716.4 RT.

NEW STEEL BEAM GUARDRAIL

STA. 2+647.4 LT. TO STA. 2+730 LT.

SHOULDER BERM REMOVAL

~~STA. 2+647 LT. TO STA. 2+730 LT.~~
STA. 2+716 RT. TO STA. 2+730 RT.

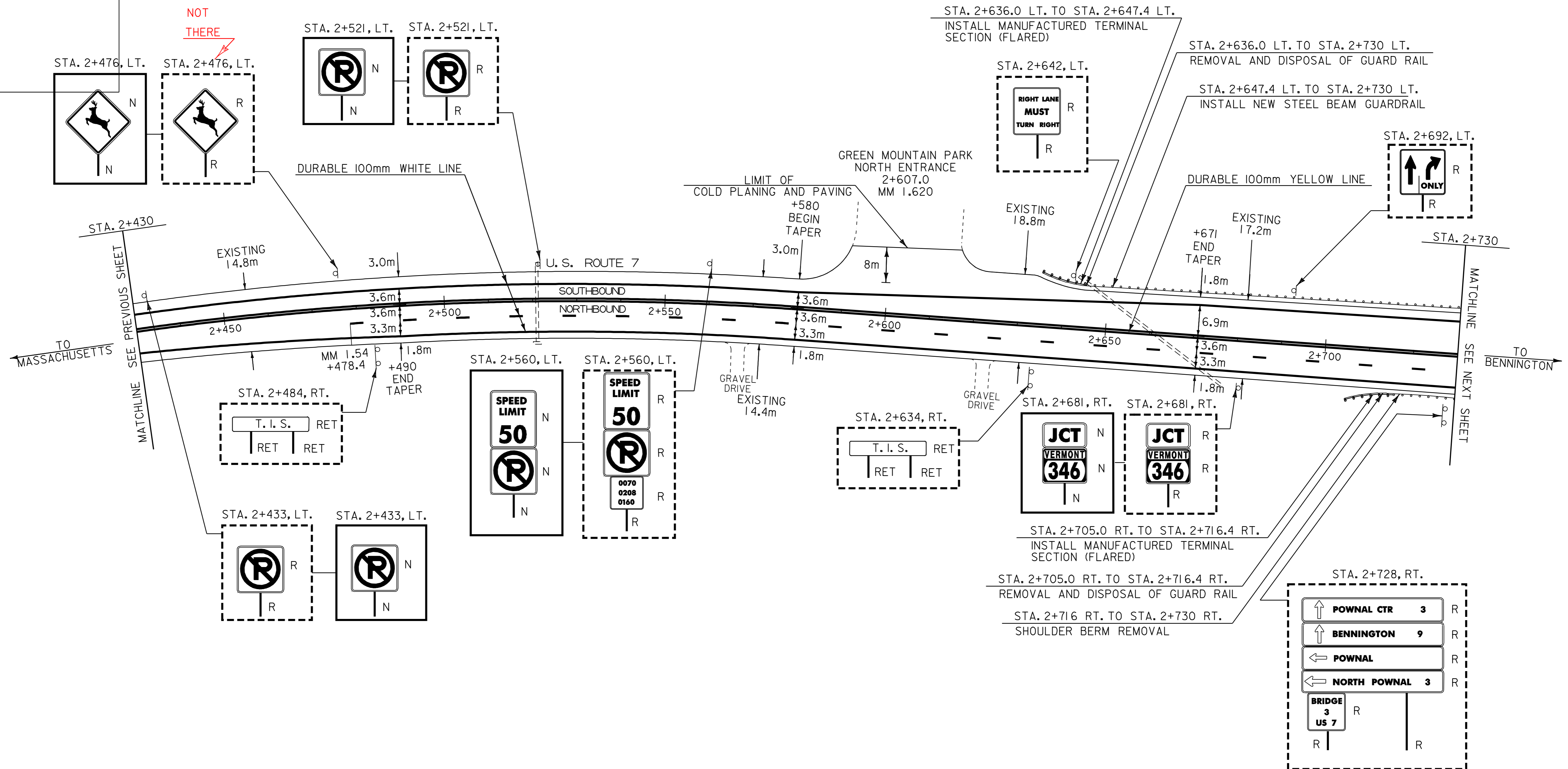
REMOVING SIGNS

14 +5 -- AS SHOWN

THINNING AND TRIMMING FOR SIGNS
STA. 2+681.0 RT.

DURABLE 100mm YELLOW LINE (POLYUREA)
STA. 2+430 TO STA. 2+730 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
STA. 2+430 TO STA. 2+730 (EDGE LINE)



LEGEND

- N = NEW
- R = REMOVE
- R & S = REMOVE AND SALVAGE
- S = SALVAGE SIGN
- RET = RETAIN
- B - B = BACK TO BACK

**PAVING
PROJECT
LAYOUT
#6**

PROJECT: POWNAVAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68106.i	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 14 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 2+730.0 TO STA. 2+736.0 SOLID LT. AND RT.
 STA. 2+736.0 TO STA. 2+808.0 SOLID DOUBLE LT. AND RT.
 STA. 2+824.0 TO STA. 2+890.0 SOLID DOUBLE LT. AND RT.
 STA. 2+786.5 RT. (B HILL ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 2+730.0 TO STA. 2+890.0 SOLID LT. AND RT. (EDGE LINE)
 (WITH EDGE LINE BREAK FOR SIDE ROAD)
 STA. 2+730.0 RT. TO STA. 2+890.0 RT. DASHED (PASSING LANE)
 STA. 2+840.0 LT. TO STA. 2+890.0 LT. DASHED (PASSING LANE)

DURABLE 200mm YELLOW LINE

STA. 2+736.0 TO STA. 2+808 SOLID (CHANNELIZING LINES)
 STA. 2+824 TO STA. 2+890.0 SOLID (CHANNELIZING LINES)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 2+786.5 RT. - "STOP" (B HILL ROAD)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 2+786.5 RT. (B HILL ROAD)

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 2+744.6 RT. TO STA. 2+756.0 RT.
 STA. 2+812.6 LT. TO STA. 2+824.0 LT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 2+744.6 RT. TO STA. 2+756.0 RT.
 STA. 2+730.0 LT. TO STA. 2+824.0 LT.

NEW STEEL BEAM GUARDRAIL

STA. 2+730 LT. TO STA. 2+812.6 LT.

SHOULDER BERM REMOVAL

~~STA. 2+730 LT. TO STA. 2+813 LT.~~
 STA. 2+730 RT. TO STA. 2+745 RT.

ERECTING SALVAGED SIGNS

I -- AS SHOWN

REMOVING SIGNS

17+6 -- AS SHOWN

REMOVING SIGNS (MOD.)

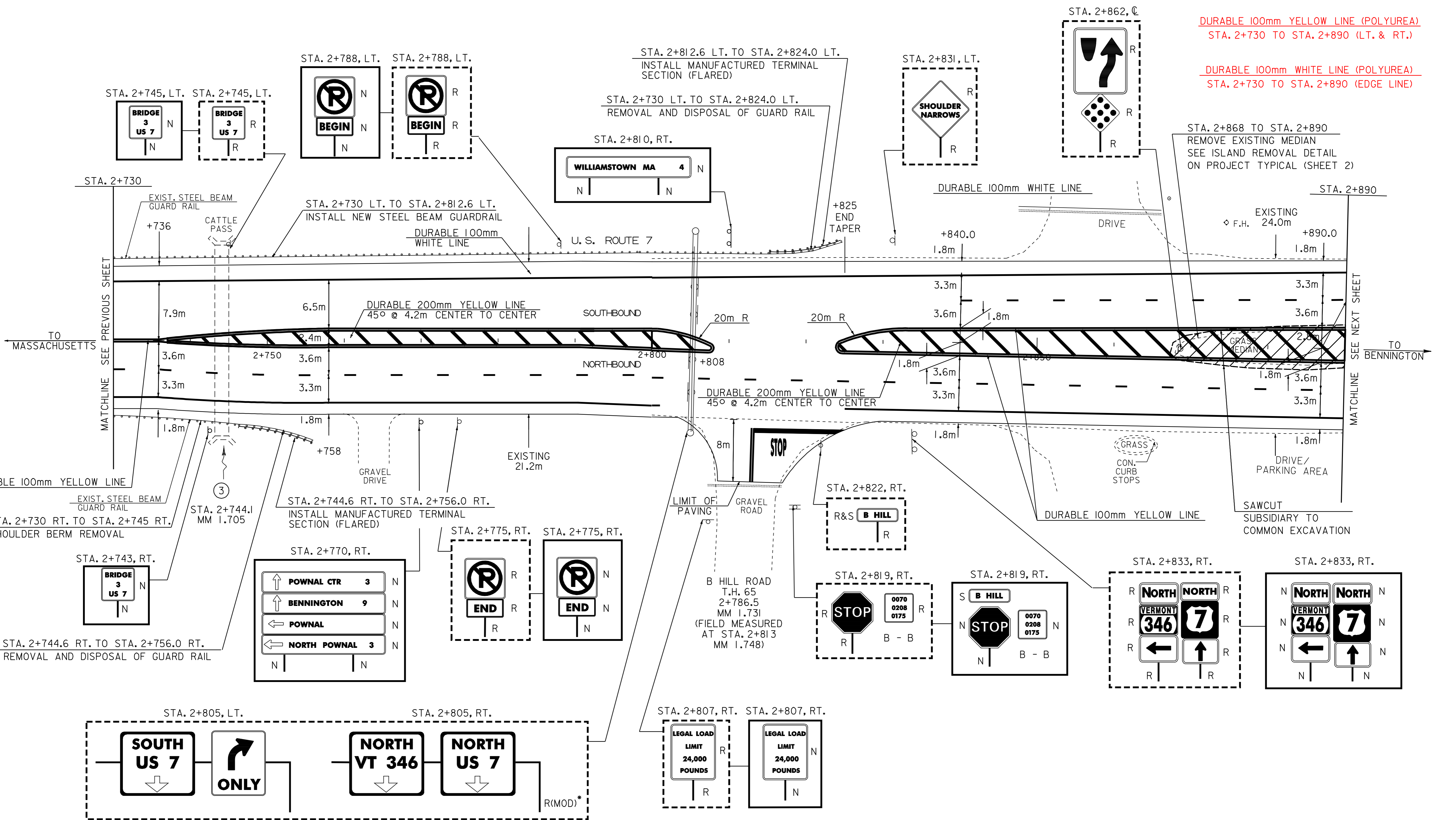
I -- AS SHOWN

COMMON EXCAVATION

STA. 2+868 TO STA. 2+890

DURABLE 100mm YELLOW LINE (POLYUREA)
 STA. 2+730 TO STA. 2+890 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 2+730 TO STA. 2+890 (EDGE LINE)



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #7	PROJECT: POWNAI-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68107.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 15 OF 65

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

* REMOVE OVERHEAD SIGNS, SIGN STRUCTURE AND BASES

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 2+890.0 TO STA. 2+984.0 DOUBLE SOLID LT. AND RT.
 STA. 3+006.0 TO STA. 3+060.0 DOUBLE SOLID LT. AND RT.
 STA. 10+120.0 TO STA. 10+213.0 SOLID LT. AND RT.
 (WITH CENTERLINE BREAK FOR SIDE ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 2+890.0 TO STA. 3+060.0 SOLID RT. (EDGE LINE)
 STA. 2+890.0 LT. TO STA. 3+060.0 LT. DASHED (PASSING LANE)
 STA. 2+890.0 RT. TO STA. 3+060.0 RT. DASHED (PASSING LANE)
 STA. 2+890.0 LT. TO STA. 10+204.0 RT. SOLID (EDGE LINE)
 STA. 2+920.0 RT. TO STA. 2+998.0 RT. SOLID (LEFT TURN LANE)
 STA. 3+009.0 LT. TO STA. 3+060.0 LT. SOLID (RIGHT TURN LANE)
 STA. 10+120.0 RT. TO STA. 10+192.0 RT. SOLID (EDGE LINE)
 STA. 10+120.0 LT. TO STA. 3+060.0 LT. SOLID (EDGE LINE)

DURABLE 200mm YELLOW LINE

STA. 2+890.0 TO STA. 2+990.0 SOLID (CHANNELIZING LINES)
 STA. 3+006.0 TO STA. 3+060.0 SOLID (CHANNELIZING LINES)

REHABILITATION OF DI, CB, OR MH, CLASS I

STA. 3+035 RT.

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 10+213.0 RT. (VT RTE 346)

DURABLE LETTER OR SYMBOL

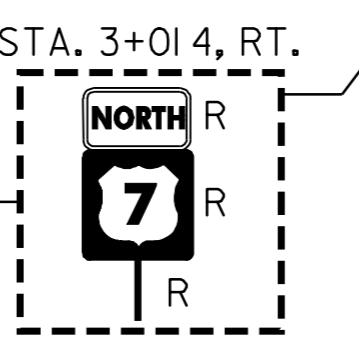
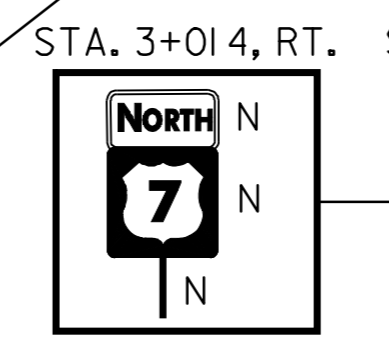
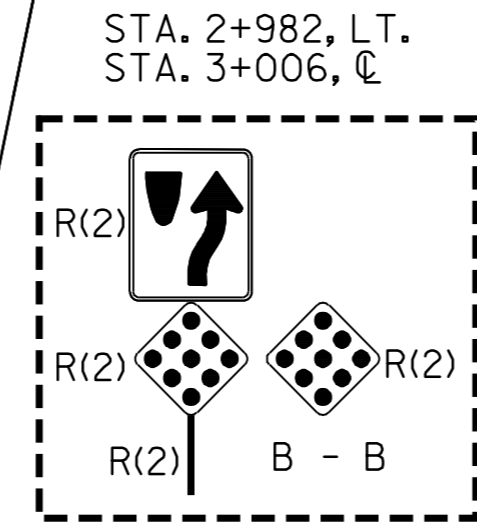
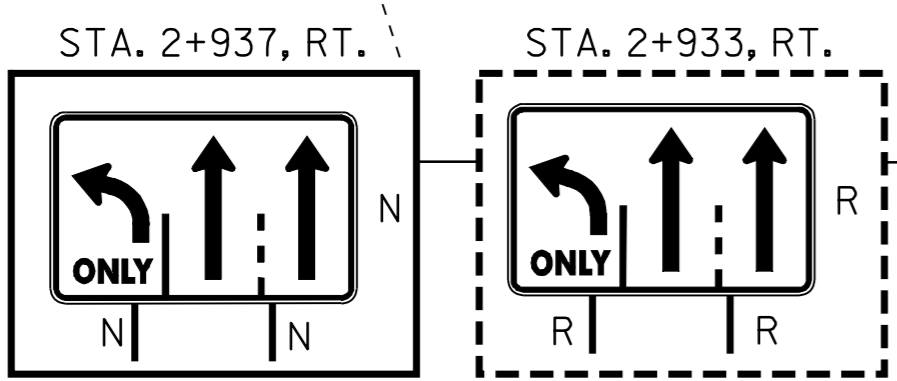
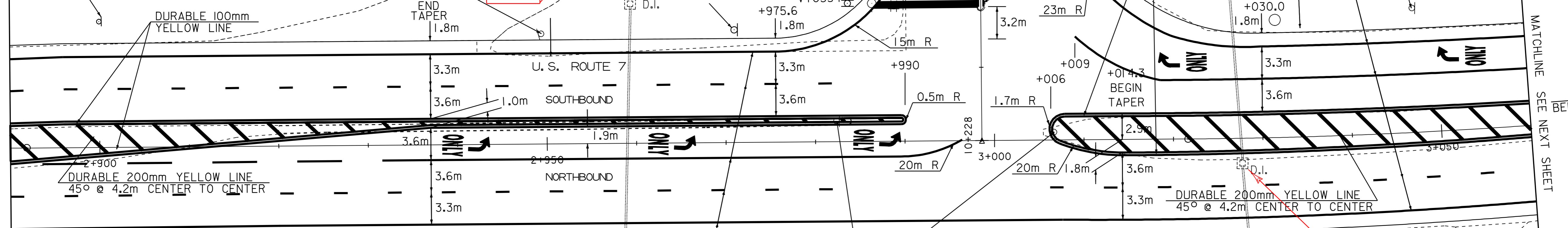
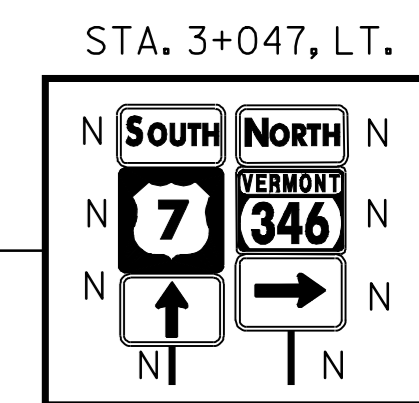
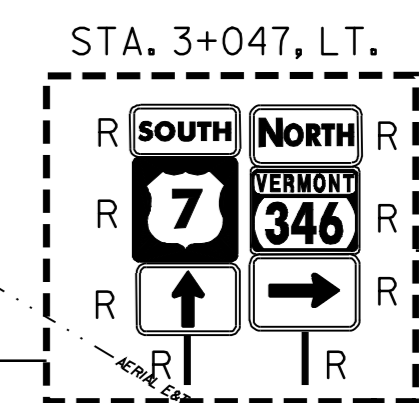
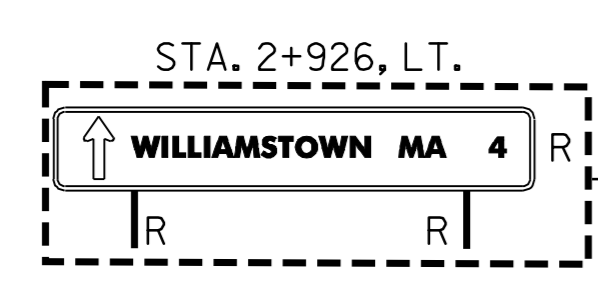
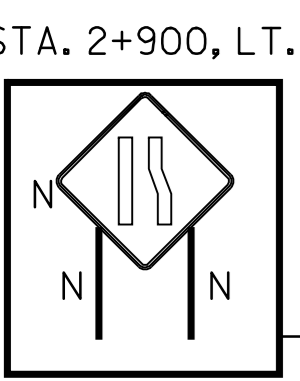
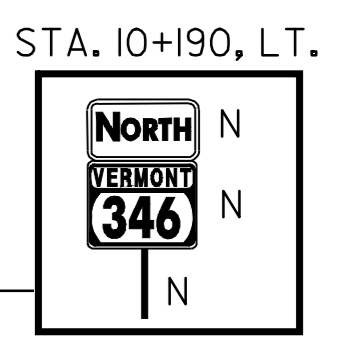
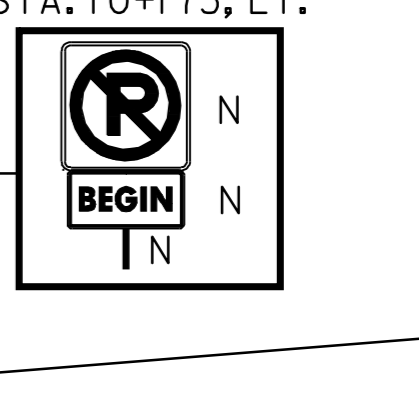
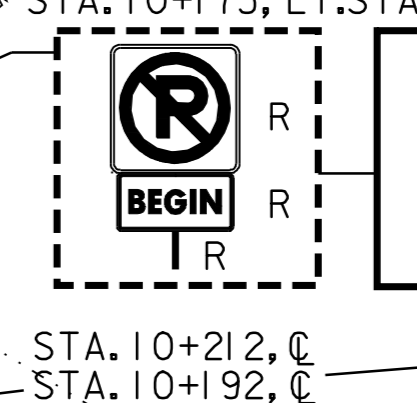
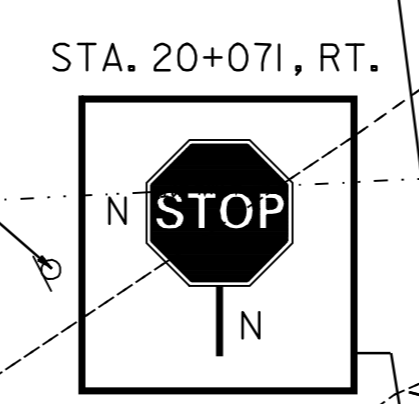
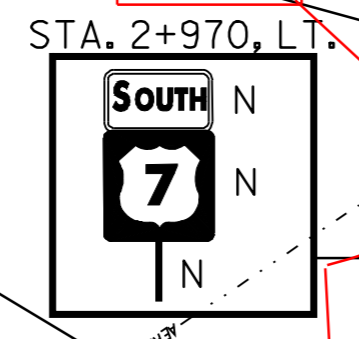
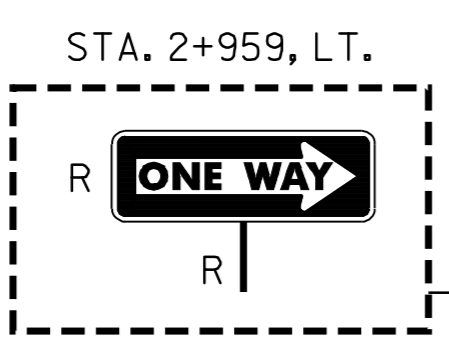
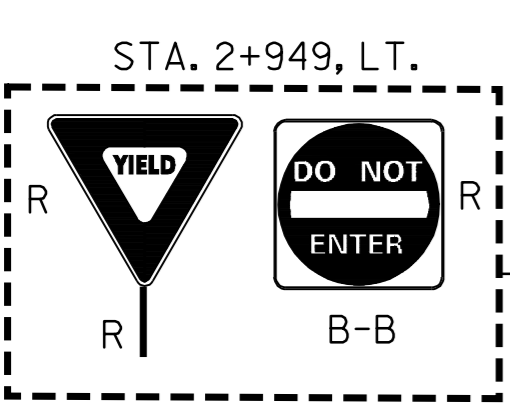
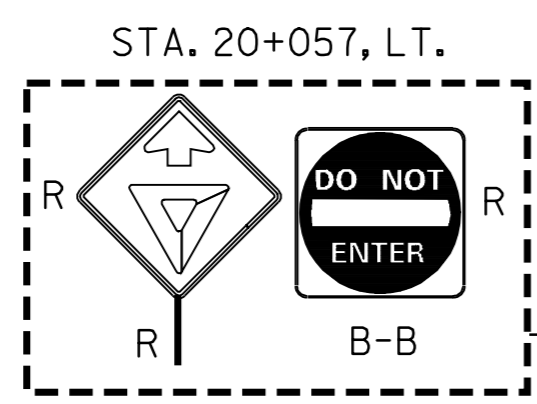
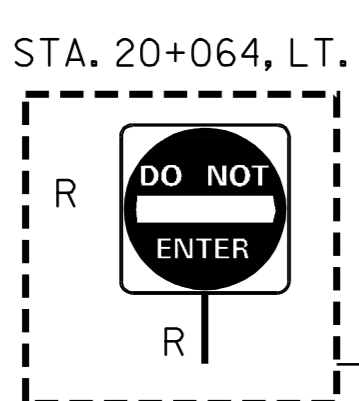
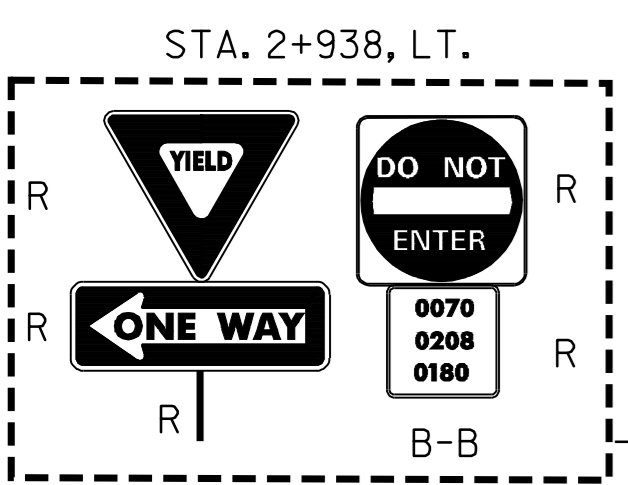
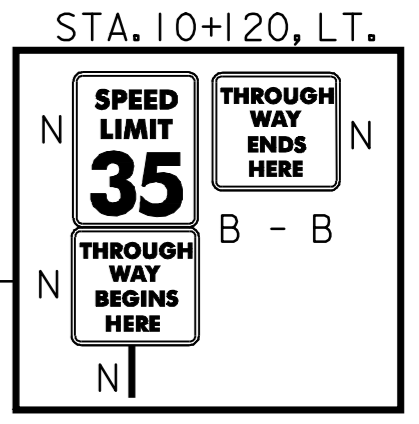
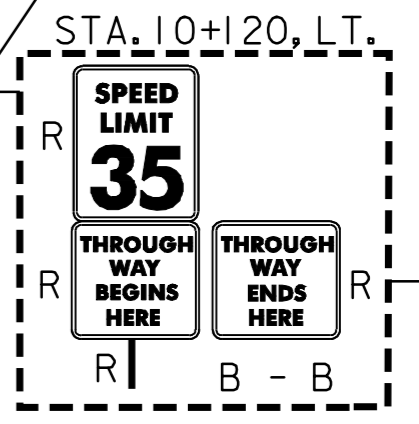
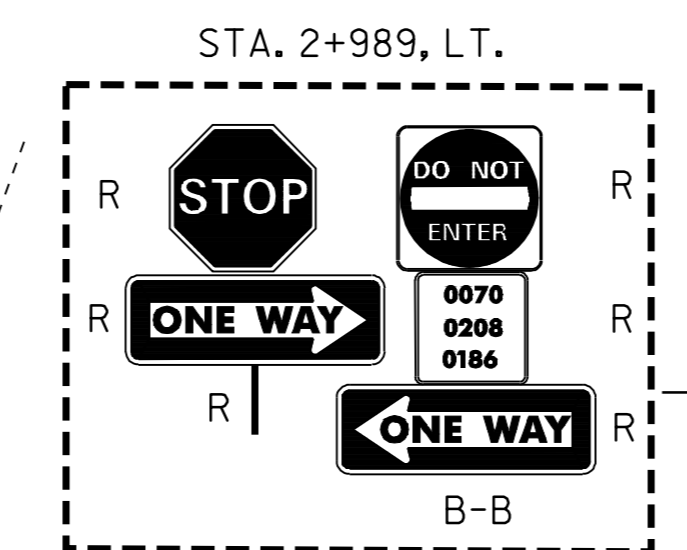
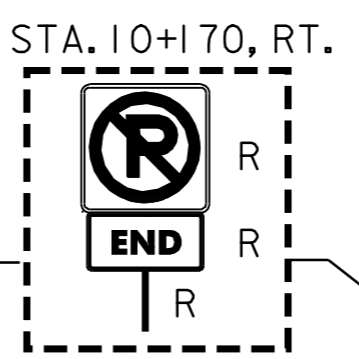
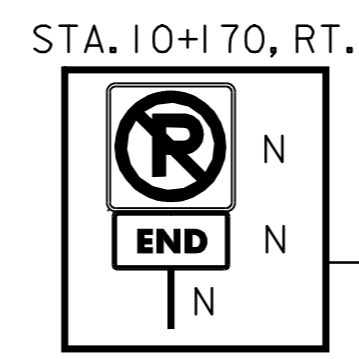
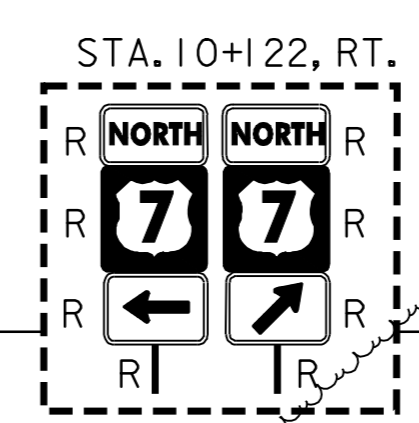
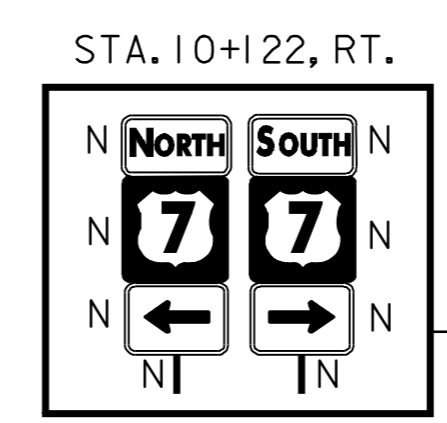
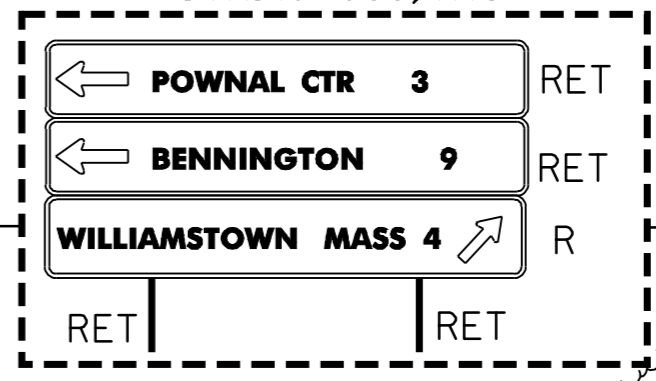
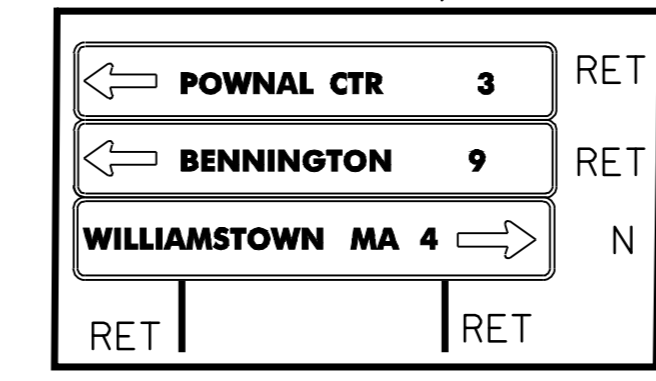
STA. 2+939 RT. - "ONLY"
 STA. 2+943 RT. - "ONLY"
 STA. 2+962 RT. - "ONLY"
 STA. 2+966 RT. - "ONLY"
 STA. 2+984 RT. - "ONLY"
 STA. 2+988 RT. - "ONLY"
 STA. 10+213 RT. - "STOP" (VT. RTE 346)
 STA. 3+018 LT. - "ONLY"
 STA. 3+022 LT. - "ONLY"
 STA. 3+050 LT. - "ONLY"
 STA. 3+054 LT. - "ONLY"

TEMPORARY LETTER OR SYMBOL

STA. 2+943 RT. - "STOP"
 STA. 2+988 RT. - "STOP" (VT. RTE 346)
 STA. 10+213 RT. - "STOP" (VT. RTE 346)
 STA. 3+018 LT. - "STOP"
 STA. 3+050 LT. - "STOP"

REMOVING SIGNS

53 -- AS SHOWN



DURABLE 100mm YELLOW LINE (POLYUREA)
 STA. 2+890 TO STA. 3+060 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 2+890 TO STA. 3+060 (EDGE LINE)

DURABLE 100mm WHITE LINE

- LEGEND**
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #8

PROJECT:	POWNAW-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68i08s.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	16 OF 65

SEE INTERSECTION DETAIL ON SHEET 43

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 3+060.0 TO STA. 3+100.0 SOLID LT. AND RT.
 STA. 3+100.0 TO STA. 3+164.0 SOLID DOUBLE LT. AND RT.
 STA. 3+164.0 TO STA. 3+420.0 SOLID LT. AND RT.
 STA. 3+140.0 TO STA. 3+197.0 DOTTED LT.




TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 3+060.0 TO STA. 3+410.0 SOLID LT. AND RT. (EDGE LINE)
 STA. 3+060.0 RT. TO STA. 3+420.0 RT. DASHED (PASSING LANE)
 STA. 3+060.0 LT. TO STA. 3+140.0 LT. DASHED (RIGHT TURN LANE)
 STA. 3+140.0 LT. TO STA. 3+197.0 LT. DOTTED (RIGHT TURN LANE)







DURABLE 200mm YELLOW LINE

STA. 3+060.0 TO STA. 3+147.6 SOLID (CHANNELIZING LINES)

TEMPORARY LETTER OR SYMBOL

STA. 3+080 LT. - 
 STA. 3+110 LT. - 
 STA. 3+136 LT. - 

DURABLE LETTER OR SYMBOL

STA. 3+080 LT. - 
 STA. 3+084 LT. - "ONLY" 
 STA. 3+110 LT. - 
 STA. 3+114 LT. - "ONLY" 
 STA. 3+136 LT. - 
 STA. 3+140 LT. - "ONLY" 

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 3+296.0 LT. TO STA. 3+307.4 LT.
 STA. 3+338.0 RT. TO STA. 3+349.4 RT.
 STA. 3+403.6 LT. TO STA. 3+415.0 LT.
 STA. 3+403.6 RT. TO STA. 3+415.0 RT.

SHOULDER BERM REMOVAL

STA. 3+307 LT. TO STA. 3+404 LT.
 STA. 3+349 RT. TO STA. 3+404 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 3+296.0 LT. TO STA. 3+307.4 LT.
 STA. 3+338.0 RT. TO STA. 3+349.4 RT.
 STA. 3+403.6 LT. TO STA. 3+415.0 LT.
 STA. 3+403.6 RT. TO STA. 3+415.0 RT.

COMMON EXCAVATION

STA. 3+005 TO STA. 3+103

REMOVAL OF EXISTING CURB

STA. 3+349 RT. TO STA. 3+404 RT.

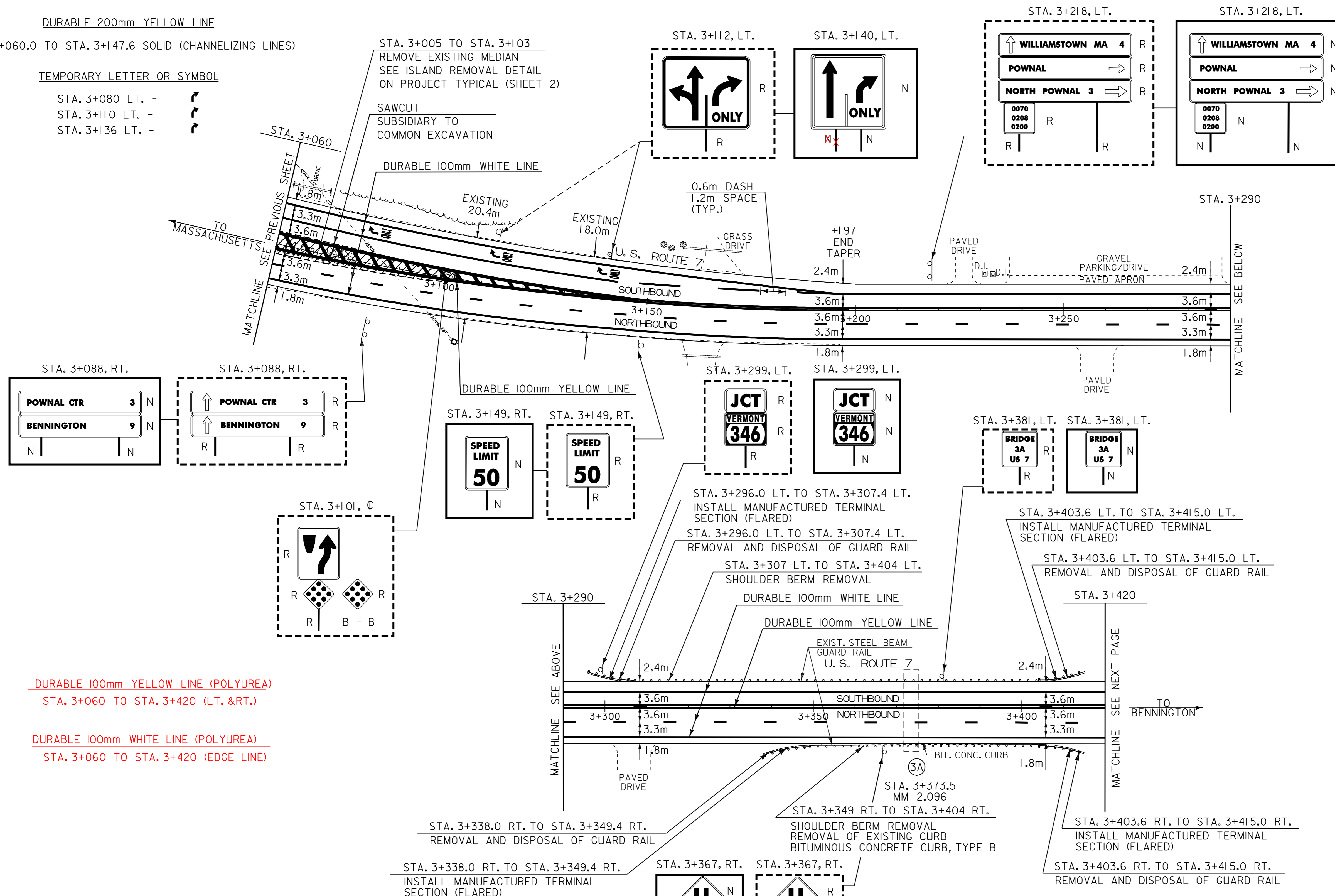
BITUMINOUS CONCRETE CURB, TYPE B

~~STA. 3+349 RT. TO STA. 3+404 RT.~~



REMOVING SIGNS

16 -- AS SHOWN



DURABLE 100mm YELLOW LINE (POLYUREA)
 STA. 3+060 TO STA. 3+420 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 3+060 TO STA. 3+420 (EDGE LINE)

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #9

PROJECT:	POWNAW-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68i09.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	17 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 3+420.0 TO STA. 3+760.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROADS)
STA. 3+589.3 RT. (LADD BROOK ROAD)
STA. 3+589.3 LT. (LADD BROOK ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 3+420.0 TO STA. 3+760.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROADS)
STA. 3+420.0 RT. TO STA. 3+450.0 RT. DASHED (PASSING LANE)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 3+589.3 LT. - "STOP" (LADD BROOK ROAD)
STA. 3+589.3 RT. - "STOP" (LADD BROOK ROAD)

TEMPORARY AND DURABLE 600mm STOP BAR

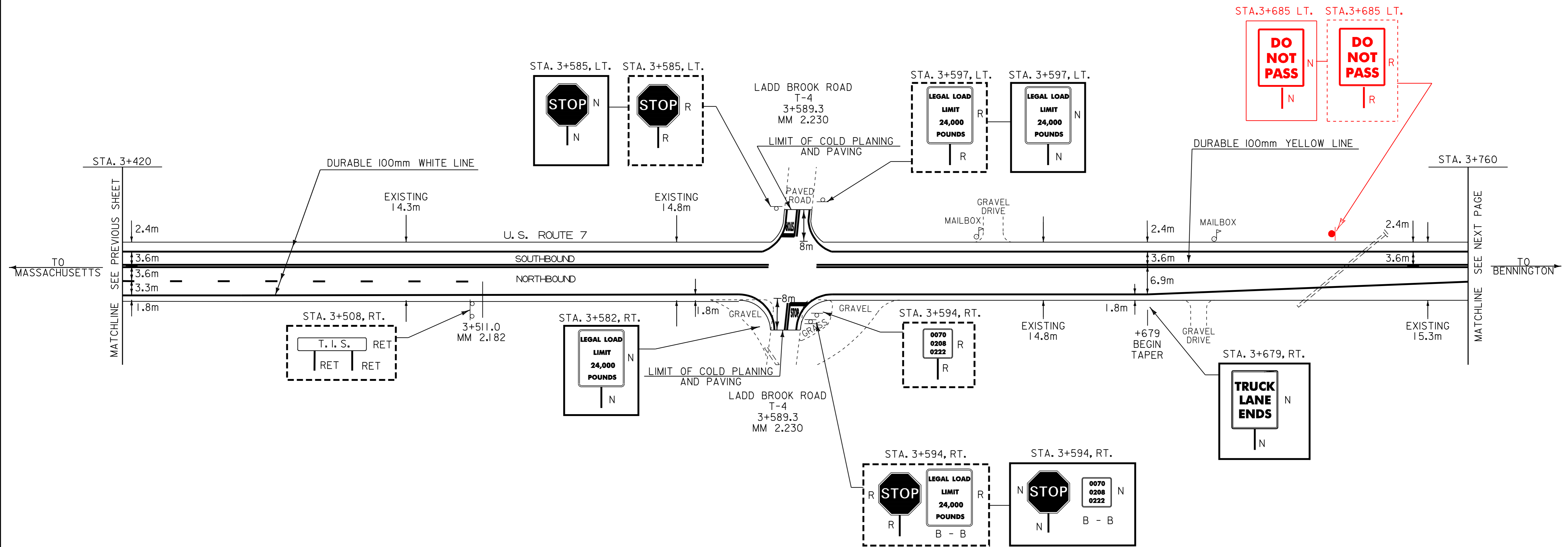
STA. 3+589.3 RT. (LADD BROOK ROAD)
STA. 3+589.3 LT. (LADD BROOK ROAD)

REMOVING SIGNS

4 -- AS SHOWN

DURABLE 100mm YELLOW LINE (POLYUREA)
STA. 3+420 TO STA. 3+760 (LT & RT.)

DURABLE 100mm WHITELINE (POLYUREA)
STA. 3+420 TO STA. 3+760 (EDGE LINE)



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

LEGEND

- N = NEW
- R = REMOVE
- R & S = REMOVE AND SALVAGE
- S = SALVAGE SIGN
- RET = RETAIN
- B - B = BACK TO BACK

PAVING PROJECT LAYOUT #10

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68i10.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	18 OF 65

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 3+760.0 TO STA. 3+822.2 SOLID LT. AND RT.
 (WITH CENTERLINE BREAK FOR SIDE ROADS)
 STA. 3+822.2 TO STA. 3+918.8 SOLID LT. AND DASHED RT.
 STA. 3+918.8 TO STA. 4+023.4 DASHED
 STA. 4+023.4 TO STA. 4+248.7 DASHED LT. AND SOLID RT.
 STA. 4+248.7 TO STA. 4+460.0 SOLID LT. AND RT.
 STA. 3+780.4 LT. (OLD U.S. ROUTE 7)
 STA. 3+780.4 RT. (OLD U.S. ROUTE 7)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 3+760.0 TO STA. 4+460.0 SOLID LT. AND RT. (EDGE LINE)
 (WITH EDGE LINE BREAK FOR SIDE ROADS)

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 3+787.0 LT. TO STA. 3+798.4 LT.
 STA. 3+818.0 RT. TO STA. 3+829.4 RT.
 STA. 4+053.6 LT. TO STA. 4+065.0 LT.
 STA. 4+072.6 RT. TO STA. 4+084.0 RT.
 STA. 4+253.0 LT. TO STA. 4+264.4 LT.

SHOULDER BERM REMOVAL

STA. 3+798 LT. TO STA. 4+054 LT.
 STA. 3+829 RT. TO STA. 4+073 RT.
 STA. 4+264 LT. TO STA. 4+460 LT.

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 3+780.4 LT. (OLD U.S. ROUTE 7)
 STA. 3+780.4 RT. (OLD U.S. ROUTE 7)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 3+780.4 LT. - "STOP" (OLD U.S. ROUTE 7)
 STA. 3+780.4 RT. - "STOP" (OLD U.S. ROUTE 7)

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 3+787.0 LT. TO STA. 4+065.0 LT.
 STA. 3+818.0 RT. TO STA. 3+829.4 RT.
 STA. 4+072.6 RT. TO STA. 4+084.0 RT.
 STA. 4+253.0 LT. TO STA. 4+264.4 LT.

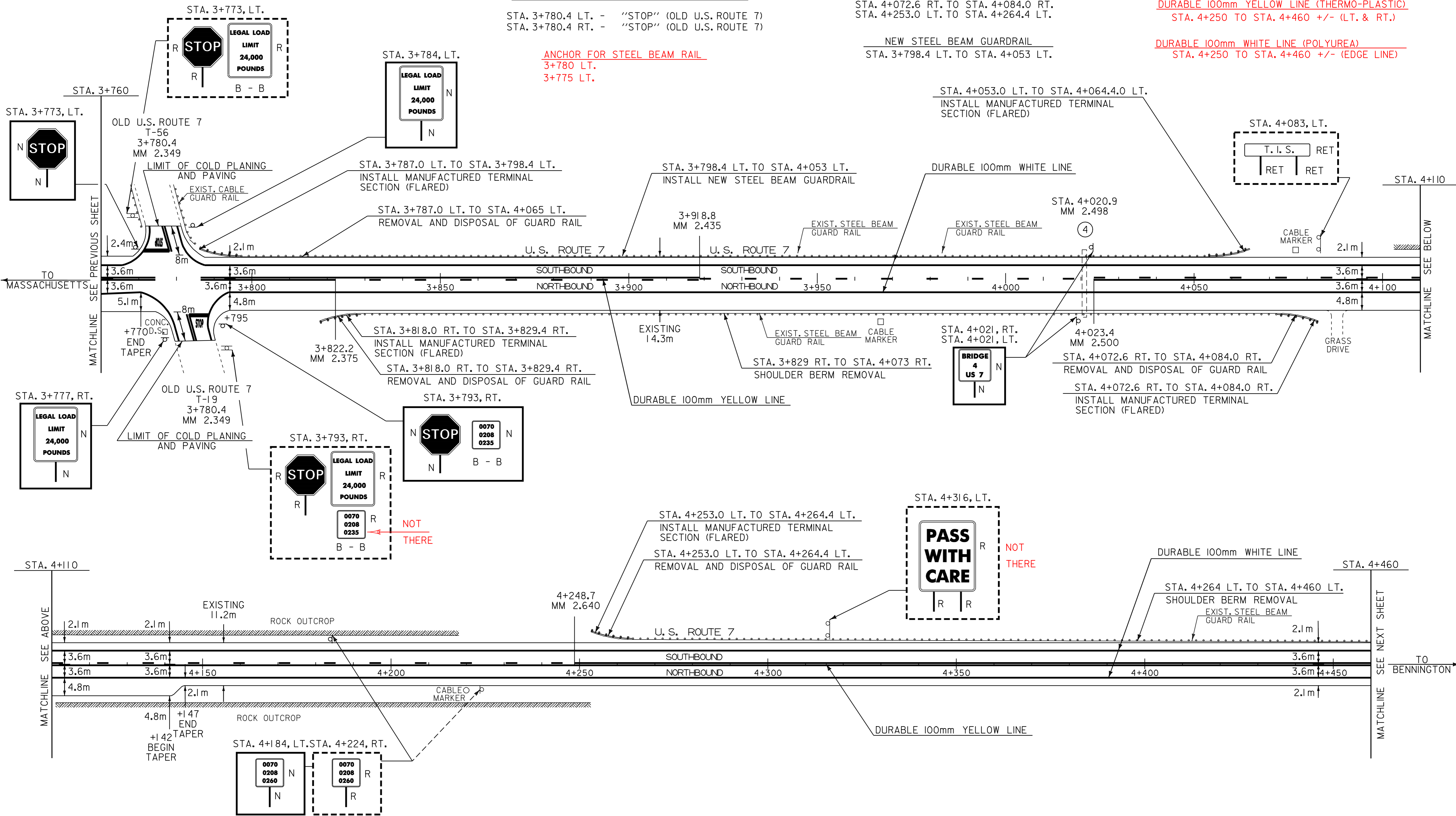
REMOVING SIGNS

57 -- AS SHOWN

DURABLE 100mm YELLOW LINE (THERMO-PLASTIC)
 STA. 4+250 TO STA. 4+460 +/- (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 4+250 TO STA. 4+460 +/- (EDGE LINE)

NEW STEEL BEAM GUARDRAIL
 STA. 3+798.4 LT. TO STA. 4+053 LT.



LEGEND

- N = NEW
- R = REMOVE
- R & S = REMOVE AND SALVAGE
- S = SALVAGE SIGN
- RET = RETAIN
- B - B = BACK TO BACK

PAVING PROJECT LAYOUT #11	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68III.I	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	SQUAD LEADER: JAV
		SHEET: 19 OF 65

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 4+460.0 TO STA. 4+490.1 SOLID LT. AND RT.
 STA. 4+490.1 TO STA. 4+755.6 SOLID LT. AND DASHED RT.
 STA. 4+755.6 TO STA. 4+795.8 DASHED
 STA. 4+795.8 TO STA. 5+021.2 DASHED LT. AND SOLID RT.
 STA. 5+021.2 TO STA. 5+160.0 SOLID LT. AND RT.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 4+460.0 TO STA. 5+160.0 SOLID LT. AND RT. (EDGE LINE)

REHABILITATION OF DI, CB, OR MH, CLASS I

STA. 4+630 RT.
 STA. 5+010 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 4+493.4 LT. TO STA. 4+618.8 LT.
~~STA. 4+991.3 LT. TO STA. 5+158.5 LT.~~

STEEL BEAM GUARD RAIL

STA. 4+493.4 LT. TO STA. 4+618.8 LT.
 STA. 4+991.3 LT. TO STA. 5+158.5 LT.

REMOVE AND RESET GUARDRAIL
 STA. 4+991 LT. TO STA. 5+180 LT.

SHOULDER BERM REMOVAL

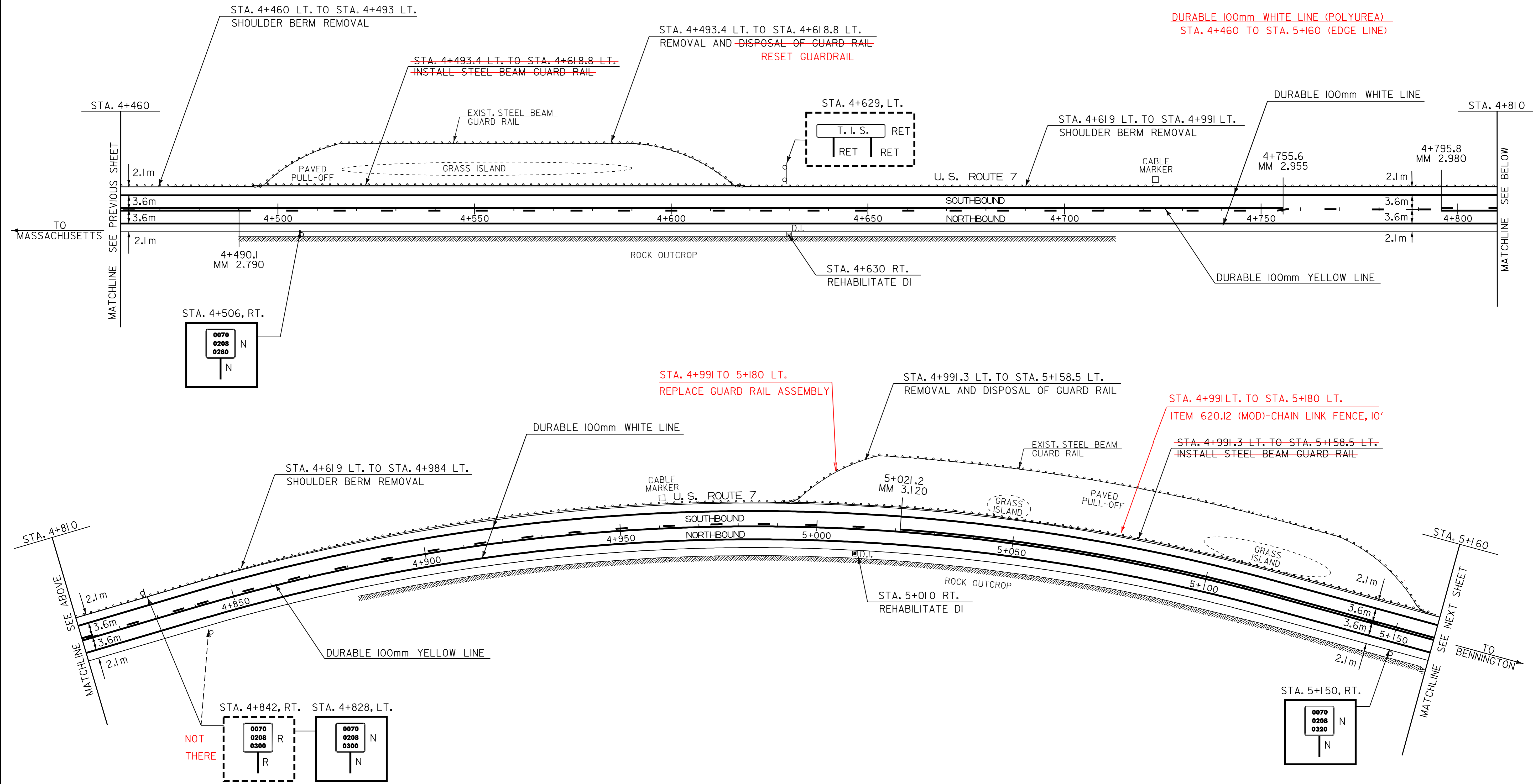
STA. 4+460 LT. TO STA. 4+493 LT.
 STA. 4+619 LT. TO STA. 4+991 LT.

REMOVING SIGNS

0 + -- AS SHOWN

DURABLE 100mm YELLOW LINE (THERMO-PLASTIC)
 STA. 4+460 TO STA. 5+160 (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 4+460 TO STA. 5+160 (EDGE LINE)



- LEGEND**
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #12	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68I2.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 20 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 5+160.0 TO STA. 5+166.0 SOLID LT. AND RT.
 STA. 5+166.0 TO STA. 5+407.4 SOLID LT. AND DASHED RT.
 STA. 5+407.4 TO STA. 5+439.6 DASHED
 STA. 5+439.6 TO STA. 5+672.9 DASHED LT. AND SOLID RT.
 STA. 5+672.9 TO STA. 5+860.0 SOLID LT. AND RT.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 5+160.0 TO STA. 5+860.0 SOLID LT. AND RT. (EDGE LINE)

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 5+481.6 LT. TO STA. 5+493.0 LT.
 STA. 5+792.9 LT. TO STA. 5+804.3 LT.

STEEL BEAM GUARD RAIL

STA. 5+481.6 LT. TO STA. 5+804.6 LT.

~~REMOVAL AND DISPOSAL OF DELINEATORS~~

~~STA. 5+664 LT. TO STA. 5+785 LT.~~

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)
 STA. 5+160 TO STA. 5+860 (LT. & RT.)

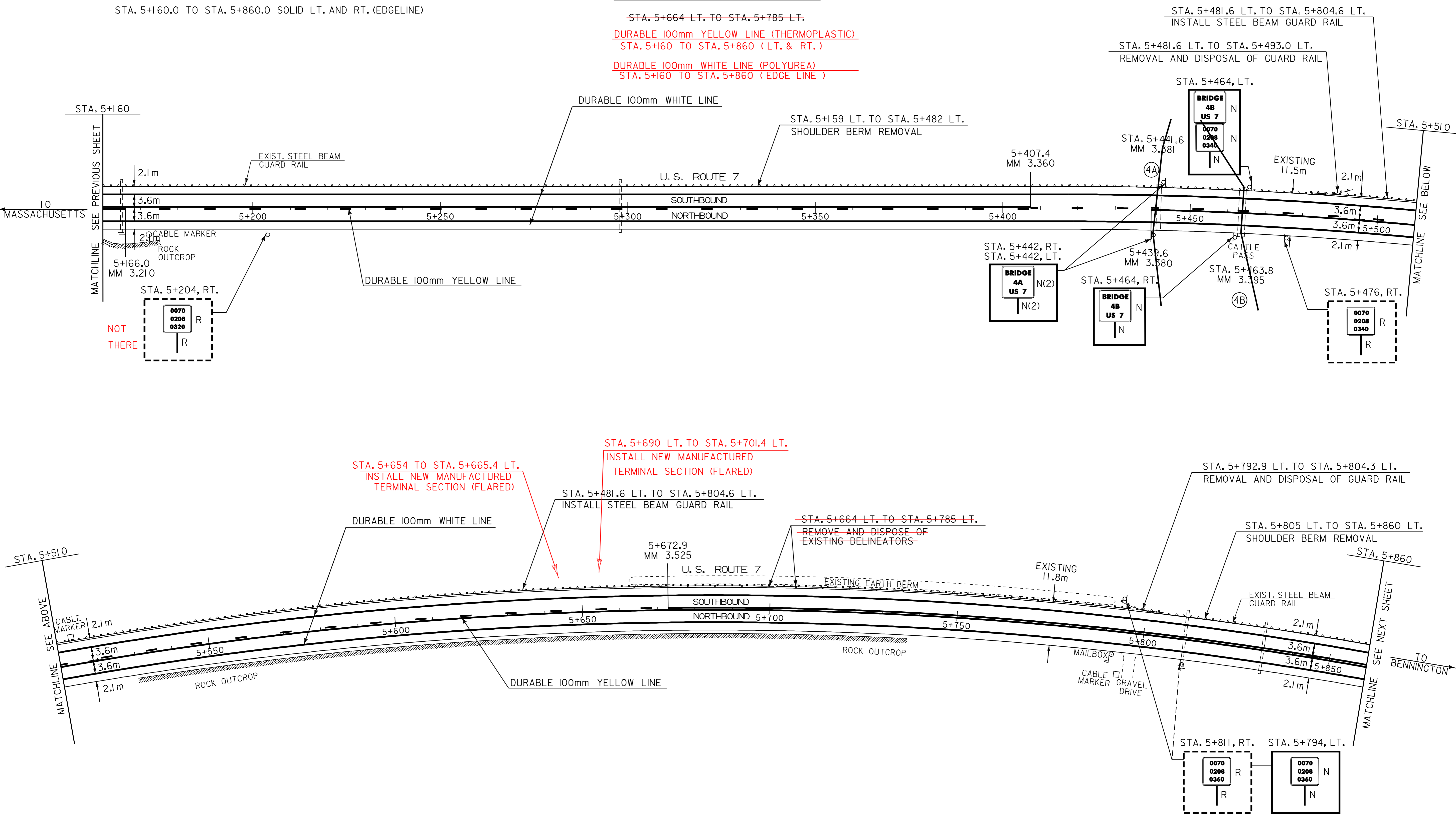
DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 5+160 TO STA. 5+860 (EDGE LINE)

SHOULDER BERM REMOVAL

STA. 5+159 LT. TO STA. 5+482 LT.
 STA. 5+805 LT. TO STA. 5+860 LT.

REMOVING SIGNS

~~2-3~~ -- AS SHOWN



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #13	PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
	DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
	IPARM FILE NAME:	pbl68I3.1	SURVEY DATE:	
	SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
	SQUAD LEADER:	JAV	SHEET:	21 OF 65

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 5+860.0 TO STA. 6+560.0 SOLID LT. AND RT.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 5+860.0 TO STA. 6+560.0 SOLID LT. AND RT. (EDGE LINE)
STA. 6+413.2 TO STA. 6+560.0 DASHED RT. (PASSING LANE)

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)

STA. 5+860 TO STA. 6+560+/- (LT. & RT.)

DURABLE 100mm WHITE LINE (POLUREA)

STA. 5+860 TO STA. 6+560+/- I

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 6+185.8 LT. TO STA. 6+197.0 LT.
STA. 6+386.0 LT. TO STA. 6+397.4 LT.
STA. 6+523.0 RT. TO STA. 6+534.4 RT.

REMOVAL AND DISPOSAL OF DELINEATORS

STA. 6+210 LT. TO STA. 6+378 LT.

REMOVAL OF EXISTING CURB

STA. 6+534 RT. TO STA. 6+560 RT.

SHOULDER BERM REMOVAL

STA. 5+860 LT. TO STA. 6+186 LT.
STA. 6+399 LT. TO STA. 6+560 LT.
STA. 6+534 RT. TO STA. 6+560 RT.

ANCHOR STEEL BEAM RAIL

STA. 6+506 RT.

BITUMINOUS CONCRETE CURB, TYPE B

STA. 6+534 RT. TO STA. 6+560 RT.

STEEL BEAM GUARD RAIL

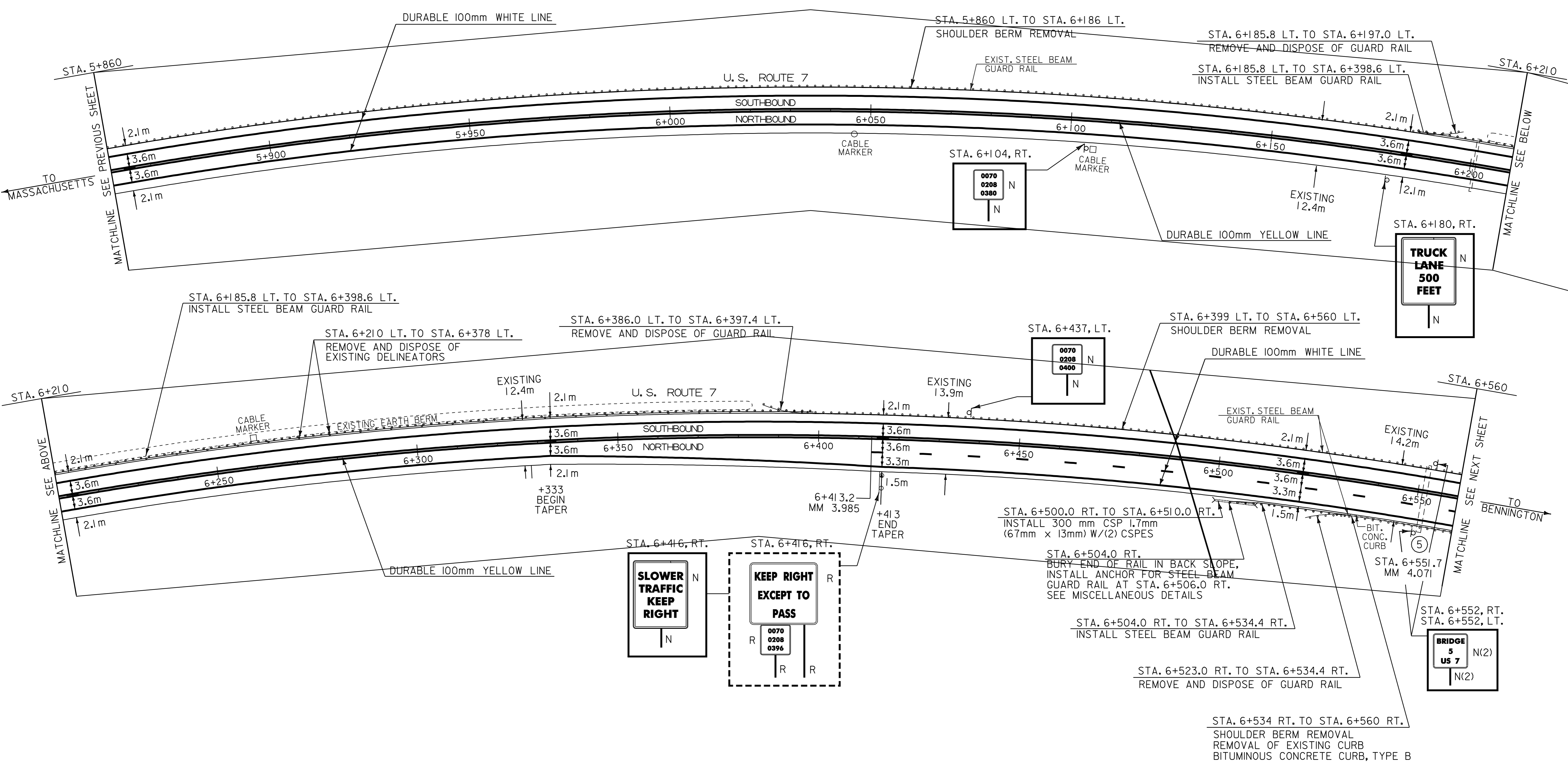
STA. 6+185.8 LT. TO STA. 6+398.6 LT.
STA. 6+504.0 RT. TO STA. 6+534.4 RT.

300 mm CSP 1.7mm (67mm x 13mm)
STA. 6+500.0 RT. TO STA. 6+510.0 RT.

300 mm CSPES 1.7mm (67mm x 13mm)
STA. 6+500.0 RT.
STA. 6+510.0 RT.

REMOVING SIGNS

2 -- AS SHOWN



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #14	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i4.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 22 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 6+560.0 TO STA. 7+260.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAKS FOR SIDE ROADS)
STA. 7+099 RT. (OLD U.S. ROUTE 7)
STA. 7+237 RT. (MANN HILL ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 6+560.0 TO STA. 7+260.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAKS FOR SIDE ROADS)
STA. 6+560.0 TO STA. 7+260.0 DASHED RT. (PASSING LANE)

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 6+603.6 RT. TO STA. 6+615.0 RT.
STA. 6+609.6 LT. TO STA. 6+621.0 LT.
STA. 6+723.0 LT. TO STA. 6+734.4 LT.
STA. 6+744.0 RT. TO STA. 6+755.4 RT.
STA. 7+048.6 RT. TO STA. 7+060.0 RT.
STA. 7+060.6 LT. TO STA. 7+072.0 LT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 6+603.6 RT. TO STA. 6+615.0 RT.
STA. 6+609.6 LT. TO STA. 6+621.0 LT.
STA. 6+723.0 LT. TO STA. 6+734.4 LT.
STA. 6+744.0 RT. TO STA. 6+755.4 RT.
STA. 7+048.6 RT. TO STA. 7+060.0 RT.
STA. 7+060.6 LT. TO STA. 7+072.0 LT.

REMOVING SIGNS

7-8 -- AS SHOWN

ERECTING SALVAGED SIGNS

2 -- AS SHOWN

REMOVE AND RESET GUARDRAIL

STA. 6+734.4 LT. TO STA. 7+060.6 LT.

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 7+099 RT. (OLD U.S. ROUTE 7)
STA. 7+237 RT. (MANN HILL ROAD)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 7+099 RT. - "STOP" (OLD U.S. ROUTE 7)
STA. 7+237 RT. - "STOP" (MANN HILL ROAD)

REMOVAL OF EXISTING CURB

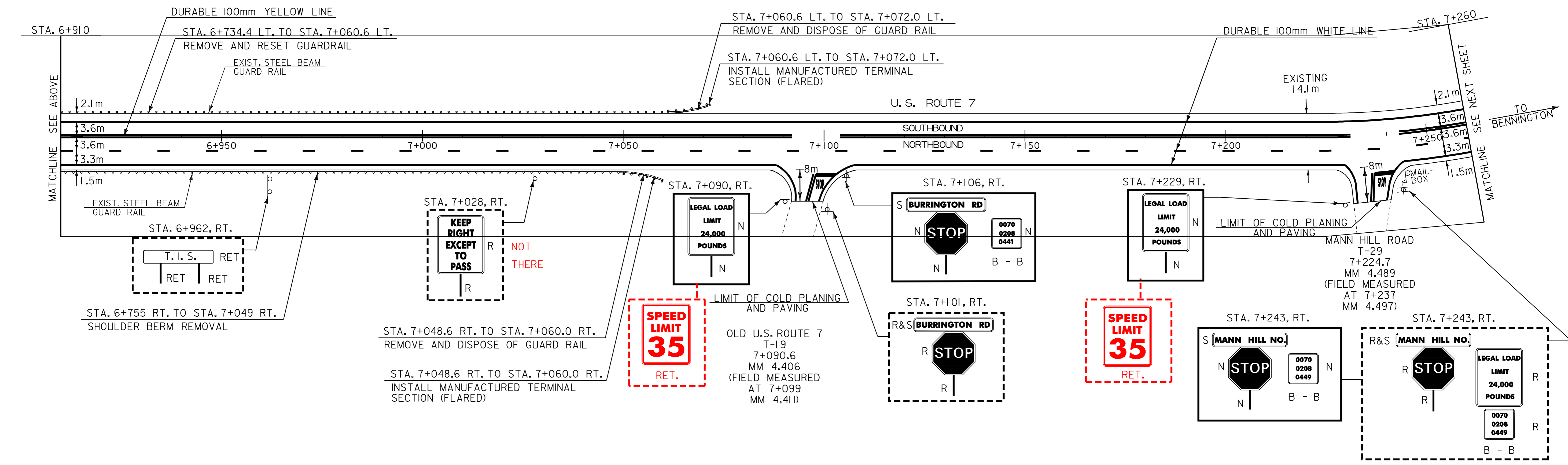
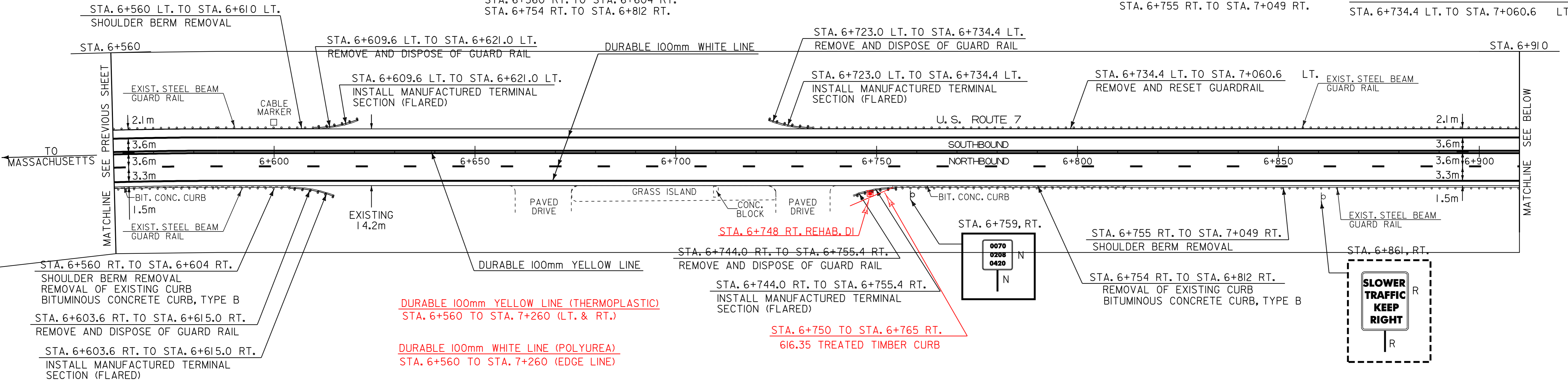
STA. 6+560 RT. TO STA. 6+604 RT.
STA. 6+754 RT. TO STA. 6+812 RT.

BITUMINOUS CONCRETE CURB, TYPE B

STA. 6+560 RT. TO STA. 6+604 RT.
STA. 6+754 RT. TO STA. 6+812 RT.

SHOULDER BERM REMOVAL

STA. 6+560 LT. TO STA. 6+610 LT.
STA. 6+560 RT. TO STA. 6+604 RT.
STA. 6+734 LT. TO STA. 7+061 LT.
STA. 6+755 RT. TO STA. 7+049 RT.



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

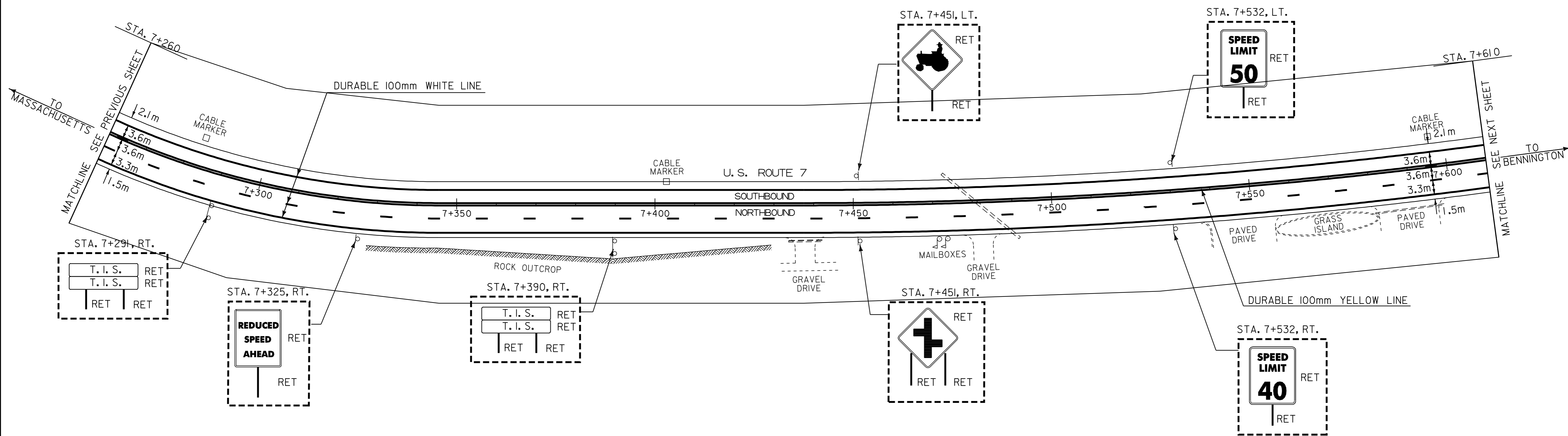
PAVING PROJECT LAYOUT #15

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68i15.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	23 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)
 STA. 7+260 TO STA. 7+610+/- (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 7+260 TO STA. 7+610+/- (EDGE LINE.)



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

**PAVING
PROJECT
LAYOUT
#16**

PROJECT: POWNAI-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68I16.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 24 OF 65

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 7+610.0 TO STA. 7+930.0 SOLID LT. AND RT.
 (WITH CENTERLINE BREAKS FOR SIDE ROADS)
 STA. 7+649 RT. (BARBER'S POND ROAD)
 STA. 7+791 LT. (NORTH POWNAL ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 7+610.0 TO STA. 7+930.0 SOLID LT. AND RT. (EDGE LINE)
 (WITH EDGE LINE BREAKS FOR SIDE ROADS)
 STA. 7+610.0 TO STA. 7+680.0 DASHED RT. (PASSING LANE)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 7+649 RT. - "STOP" (BARBER'S POND ROAD)
 STA. 7+791 LT. - "STOP" (NORTH POWNAL ROAD)

TEMPORARY AND DURABLE 600mm STOP BAR

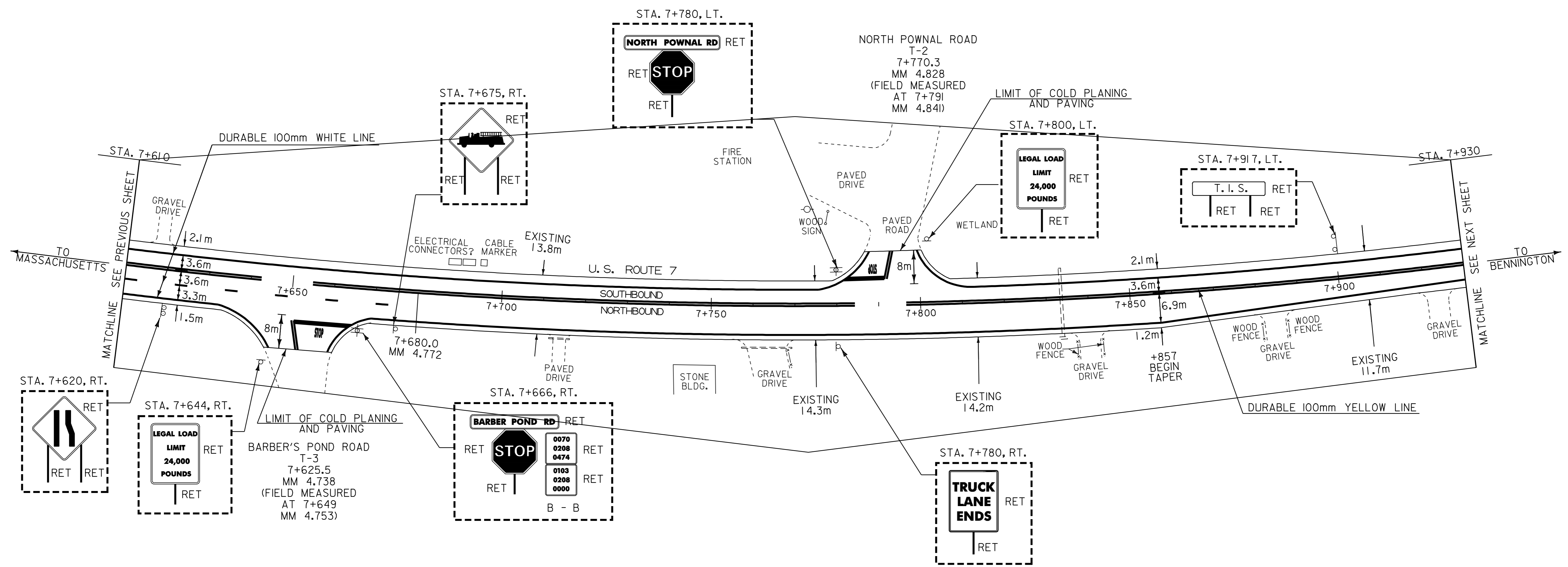
STA. 7+649 RT. (BARBER'S POND ROAD)
 STA. 7+791 LT. (NORTH POWNAL ROAD)

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)

STA. 7+610 TO STA. 7+930 +/- (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)

STA. 7+610 TO STA. 7+930 +/- (EDGE LINE)



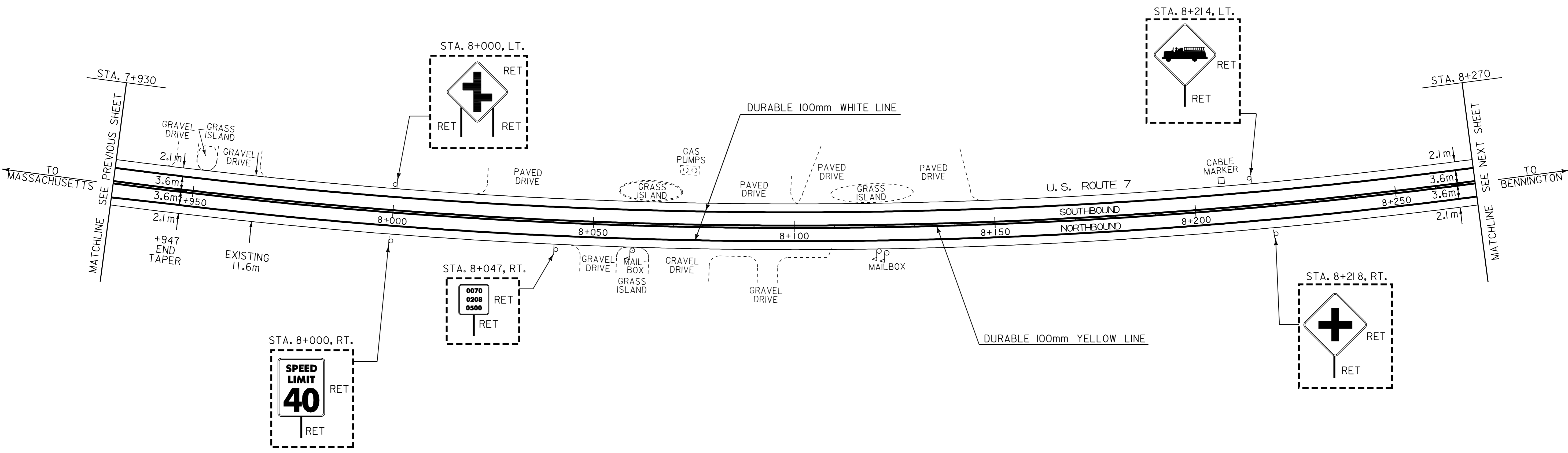
LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #17	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i17.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 25 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)
 STA. 7+930 TO STA. 8+270+/- (LT. & RT.)

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 7+930 TO STA. 8+270+/- (EDGE LINE)



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

**PAVING
 PROJECT
 LAYOUT
 #18**

PROJECT: POWNAI-BENNINGTON	PROJECT NO. : NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68i18.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 26 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 8+270.0 TO STA. 8+580.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROADS)
STA. 8+441 RT. (SCHOOL HOUSE ROAD)
STA. 8+446 LT. (OLD U.S. ROUTE 7)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 8+270.0 TO STA. 8+580.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROADS)

TEMPORARY AND DURABLE LETTER OR SYMBOL

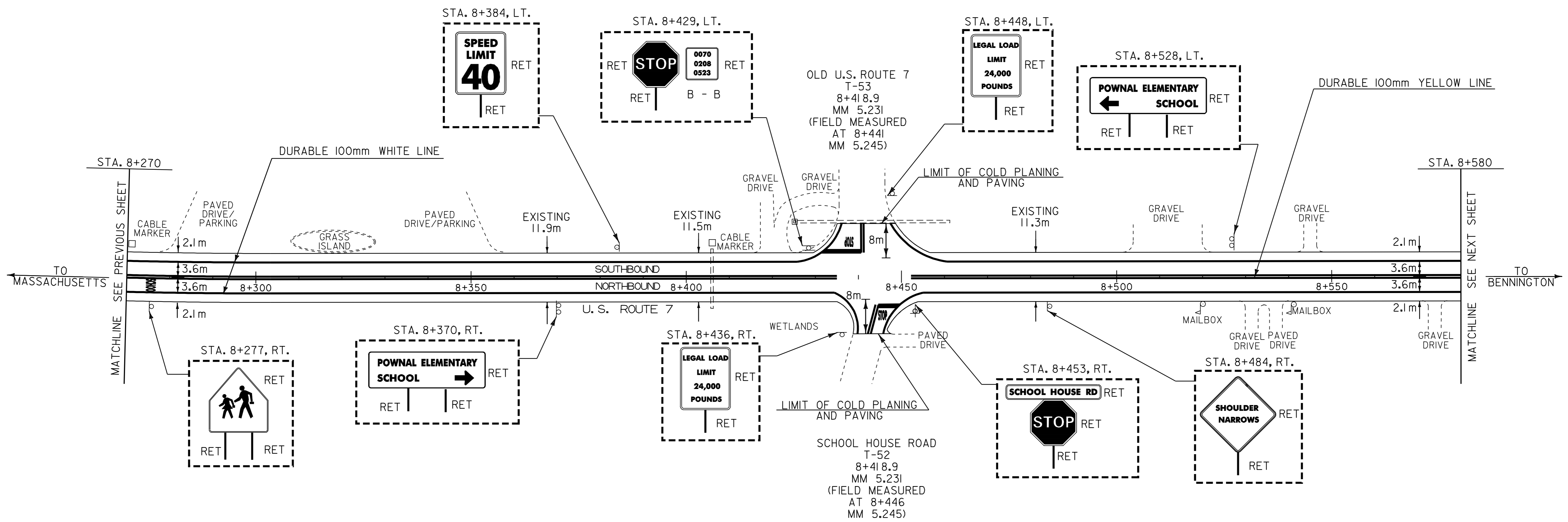
STA. 8+276.9 RT. - "SCHOOL"
STA. 8+441 RT. - "STOP" (SCHOOL HOUSE ROAD)
STA. 8+446 LT. - "STOP" (OLD U.S. ROUTE 7)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 8+441 RT. (SCHOOL HOUSE ROAD)
STA. 8+446 LT. (OLD U.S. ROUTE 7)

DURABLE 100mm YELLOW LINE (THERMOPLASTIC)
STA. 8+270 TO STA. 8+580 (LT. & RT.)

DURABLE 100mm YELLOW LINE (POLYUREA)
STA. 8+270 TO STA. 8+580 (EDGE LINE)



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT #19	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i19.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 27 OF 65

TEMPORARY AND DURABLE 100mm YELLOW LINE
 STA. 8+580.0 TO STA. 9+092.8 SOLID LT. AND RT.
 STA. 9+092.8 TO STA. 9+270.0 SOLID LT. AND DASHED RT.

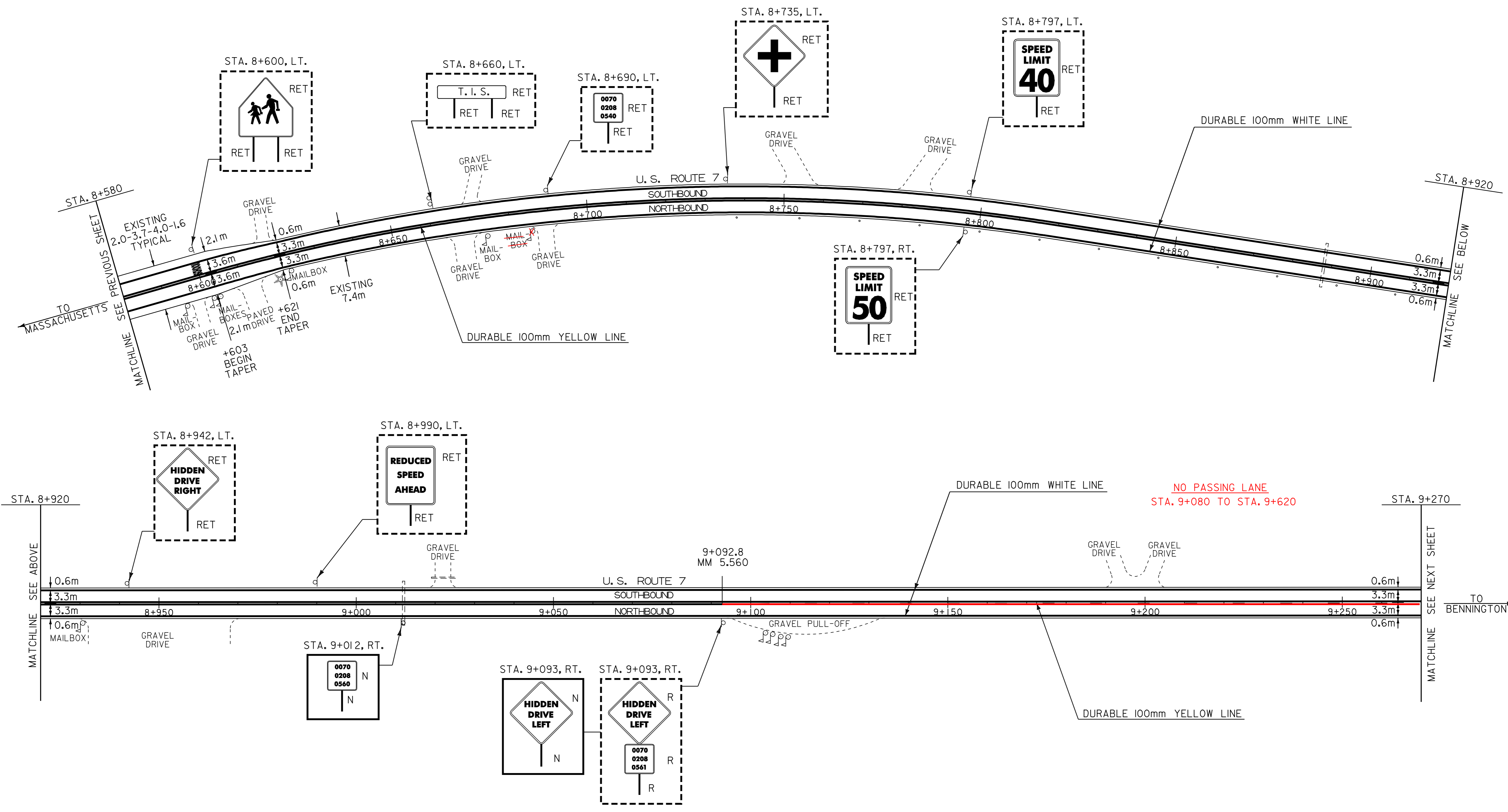
TEMPORARY AND DURABLE 100mm WHITE LINE
 STA. 8+580.0 TO STA. 9+270.0 SOLID LT. AND RT. (EDGE LINE)

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA. 8+600.0 LT. - "SCHOOL"

REMOVING SIGNS
 2 -- AS SHOWN

DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 8+550 TO STA. 9+270 +/- (EDGE LINE)

DURABLE 100mm WHITE LINE (THERMO-PLASTIC)
 STA. 8+550 TO STA. 9+270 +/- (LT. & RT.)



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #20	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l20.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 28 OF 65

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 9+270.0 TO STA. 9+334.2 SOLID LT. AND DASHED RT.
 STA. 9+334.2 TO STA. 9+366.4 DASHED
 STA. 9+366.4 TO STA. 9+607.8 DASHED LT. AND SOLID RT.
 STA. 9+607.8 TO STA. 9+855.0 SOLID LT. AND RT.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 9+270.0 TO STA. 9+855.0 SOLID LT. AND RT. (EDGE LINE)

SHOULDER BERM REMOVAL

~~STA. 9+745 RT. TO STA. 9+855 RT.~~



REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 9+734.0 RT. TO STA. 9+855.0 RT.

REMOVING SIGNS

1-2 -- AS SHOWN

MANUFACTURED TERMINAL SECTION (FLARED)

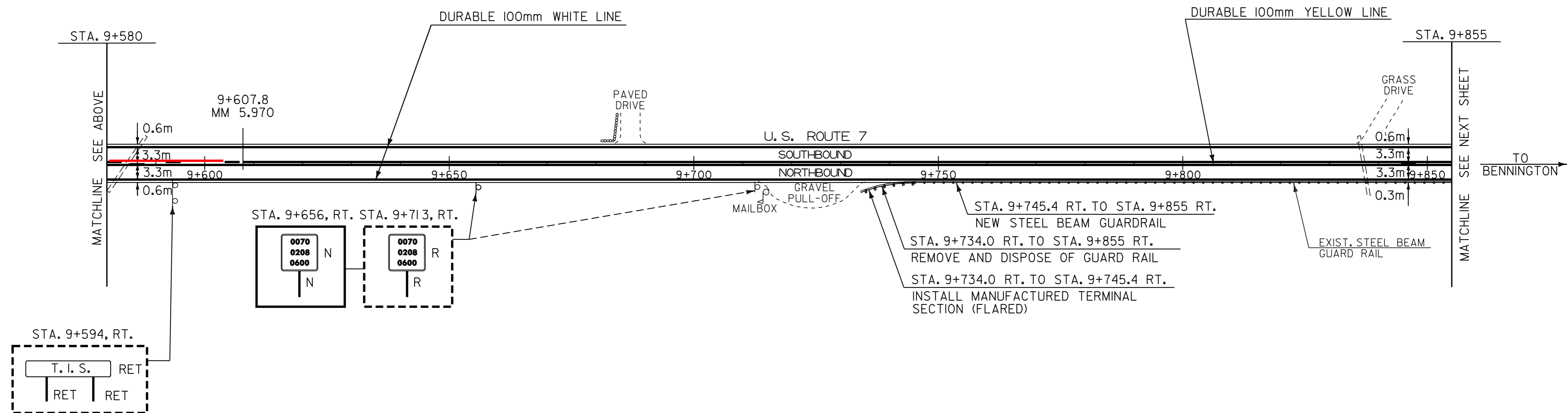
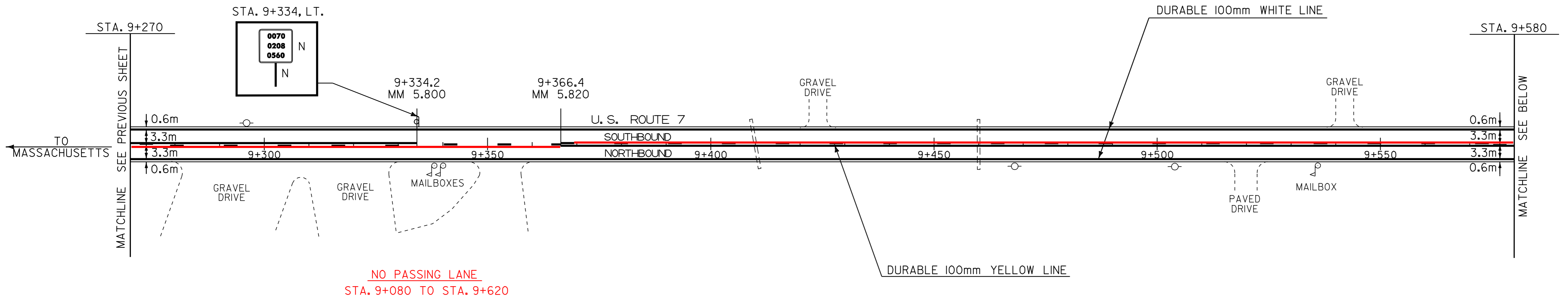
STA. 9+734.0 RT. TO STA. 9+745.4 RT.

DURABLE 100mm YELLOW LINE (THERMO-PLASTIC)
 STA. 9+270 TO STA. 9+855 (LT. & RT.)

STEEL BEAM GUARDRAIL

STA. 9+745.4 RT. TO STA. 9+855 RT.

DURABLE 100mm YELLOW LINE (POLYUREA)
 STA. 9+270 TO STA. 9+855 (EDGE LINE)



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #21	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i2l.i	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 29 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 9+855.0 TO STA. 10+180.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)
STA. 9+983 RT. (JACKSON CROSSROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 9+855.0 TO STA. 10+180.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROADS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 9+983 RT. (JACKSON CROSSROAD)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 9+983 RT. - "STOP" (JACKSON CROSSROAD)

ANCHOR STEEL BEAM RAIL

STA. 9+891 LT.
STA. 9+976 LT.

SHOULDER BERM REMOVAL

~~STA. 9+855 RT. TO STA. 9+970 RT.~~
~~STA. 9+919 LT. TO STA. 9+948 LT.~~
~~STA. 10+000 RT. TO STA. 10+160 RT.~~

STEEL BEAM GUARD RAIL

STA. 9+919.4 LT. TO STA. 9+965.0 LT.
STA. 9+855 RT. TO STA. 9+970 RT.
STA. 9+975 RT. TO STA. 10+160 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 9+908.0 LT. TO STA. 9+959.0 LT.
STA. 9+855.0 RT. TO STA. 9+970.0 RT.
STA. 9+975.0 RT. TO STA. 10+160 RT.

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 9+908.0 LT ~ 9+919.4 LT.
STA. 9+965.0 LT ~ 9+976.4 LT.

300 mm CSP 1.7mm (67mm x 13mm)

STA. 9+892.0 LT. TO STA. 9+902.0 LT.
STA. 9+970.0 LT. TO STA. 9+980.0 LT.

300 mm CSPES 1.7mm (67mm x 13mm)

STA. 9+892.0 LT.
STA. 9+902.0 LT.
STA. 9+970.0 LT.
STA. 9+980.0 LT.

REMOVING SIGNS

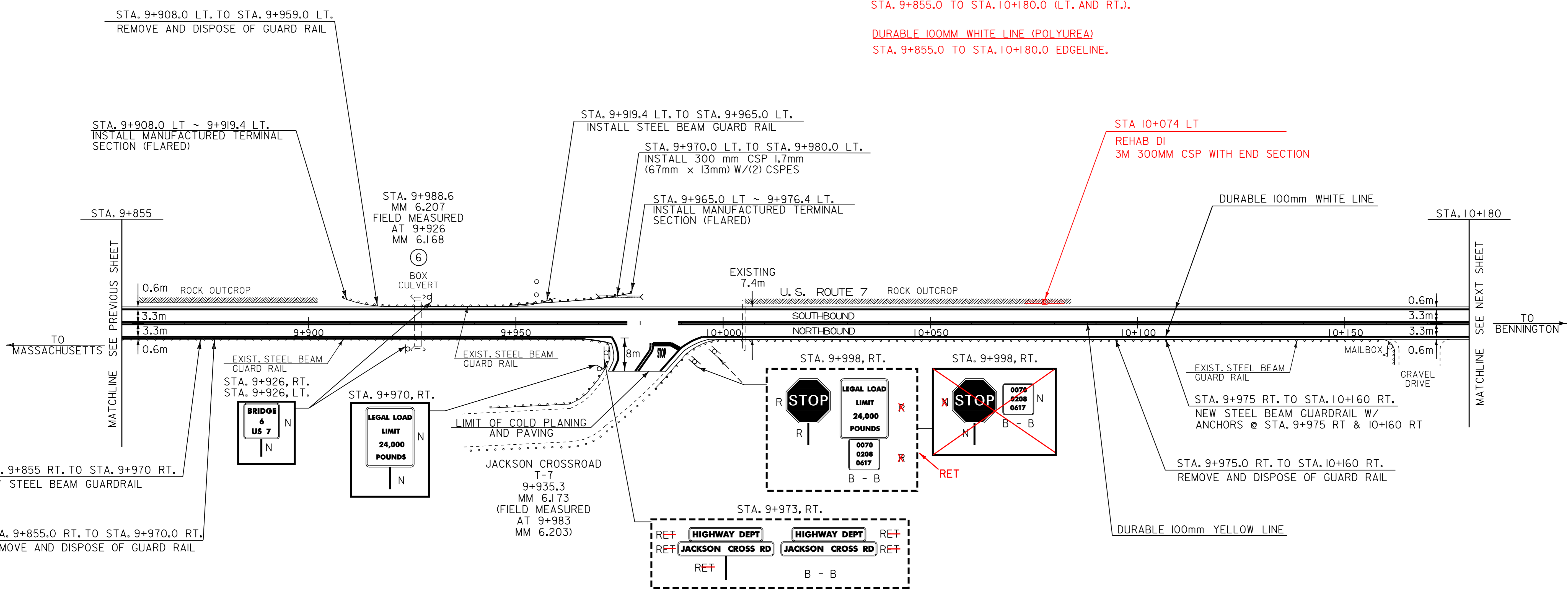
37 -- AS SHOWN

DURABLE 100MM YELLOW LINE (THERMO-PLASTIC)

STA. 9+855.0 TO STA. 10+180.0 (LT. AND RT.).

DURABLE 100MM WHITE LINE (POLYUREA)

STA. 9+855.0 TO STA. 10+180.0 EDGE LINE.

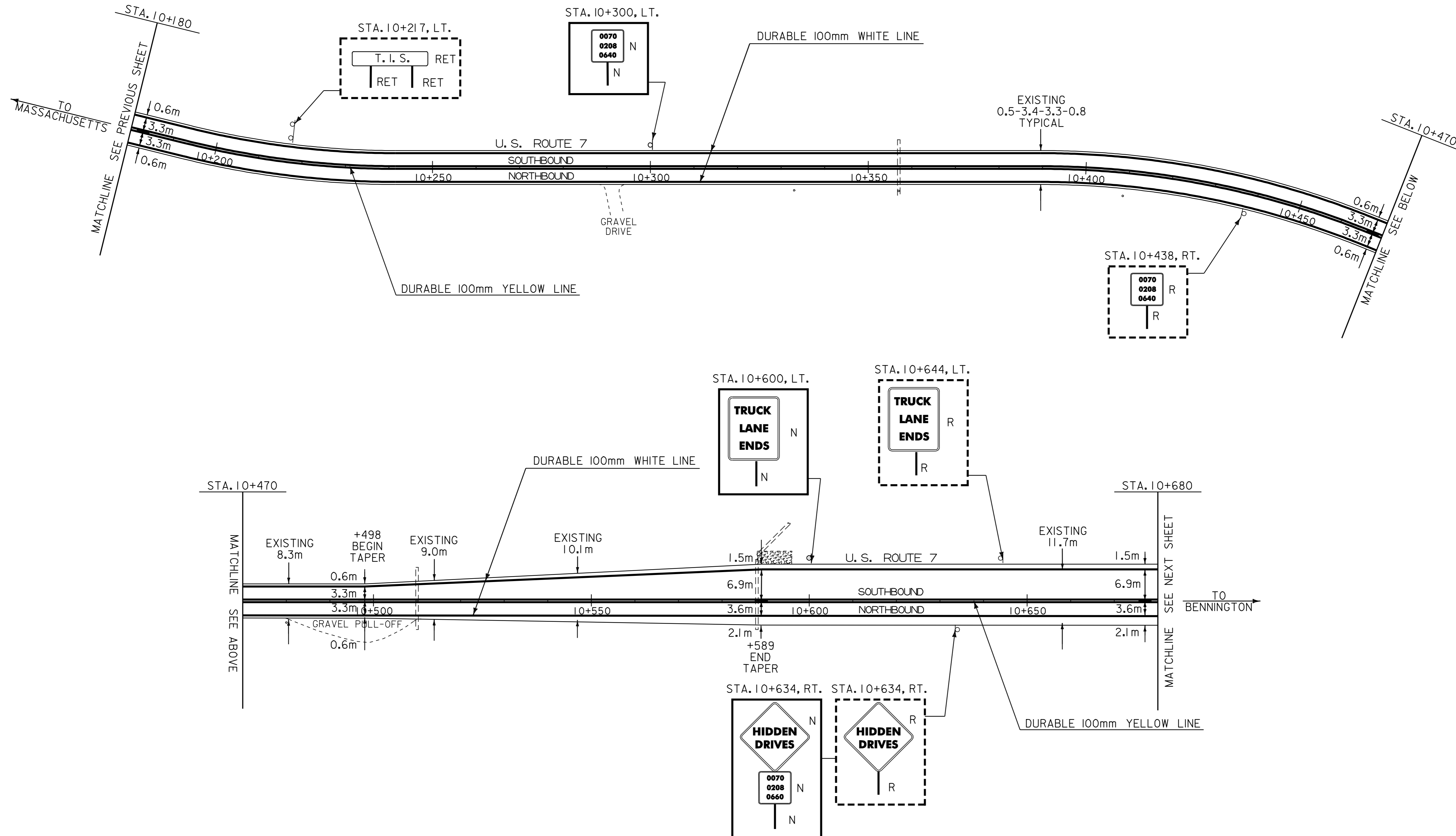


DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #22	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l22.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 30 OF 65

DURABLE 100MM YELLOW LINE (THERMO-PLASTIC)
 STA.10+180.0 TO STA.10+680.0 (LT. AND RT.)
 DURABLE 100MM YELLOW LINE (POLYUREA)
 STA.10+180.0 TO STA.10+680.0 EDGE LINE



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #23

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68l23.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	31 OF 65



STA.10+680.0 TO STA.11+330.0 SOLID LT. AND RT.

STA.10+680.0 TO STA.11+330.0 SOLID LT. AND RT. (EDGE LINE)
STA.10+756.9 TO STA.11+120.6 DASHED LT. (CLIMBING LANE)

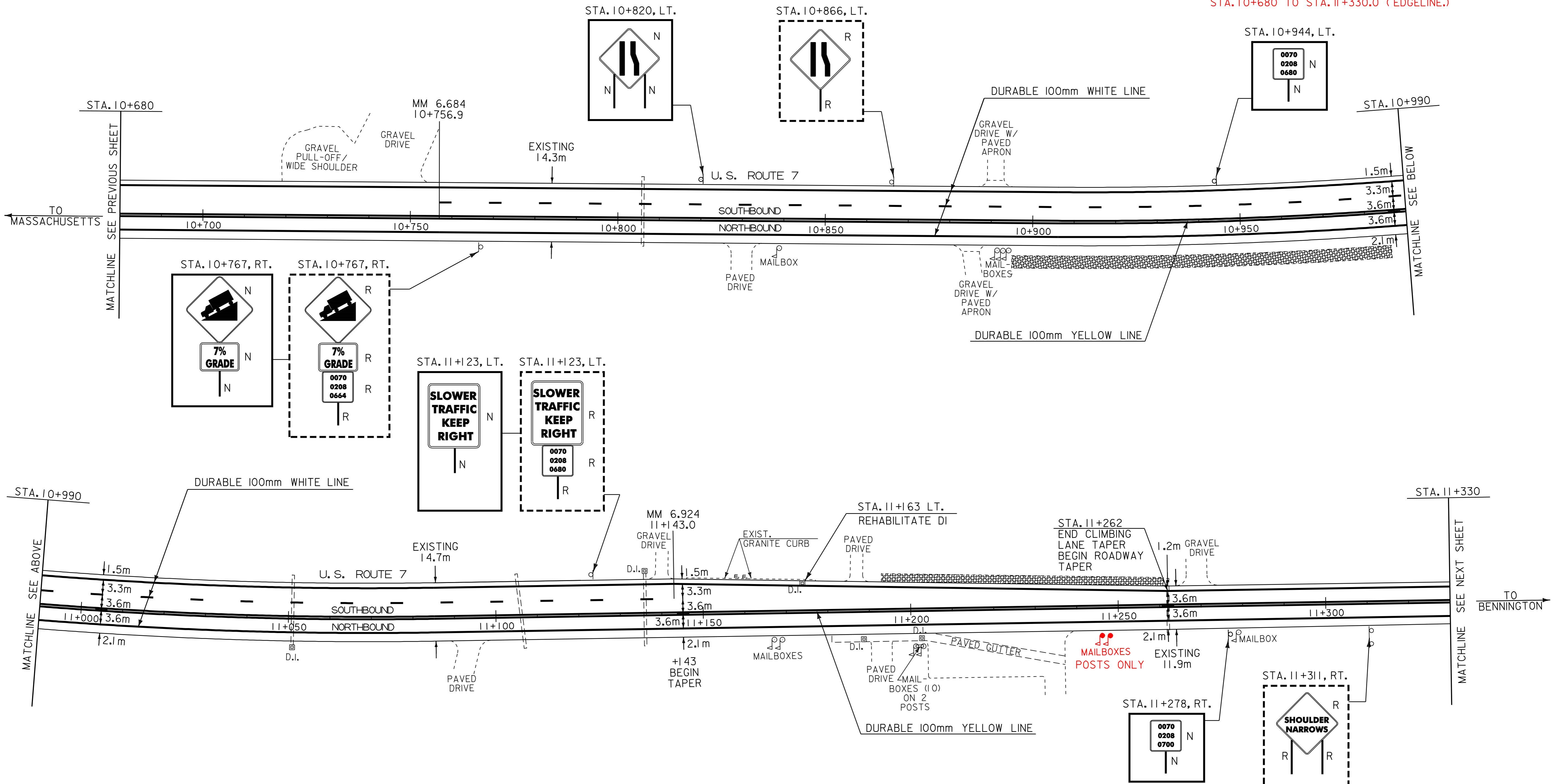
STA.11+163 LT.

REMOVING SIGNS

7 -- AS SHOWN

DURABLE 100MM YELLOW LINE (THERMO-PLASTIC)
STA.10+680 TO STA.11+330.0 (LT. AND RT.)

DURABLE 100MM YELLOW LINE (POLYUREA)
STA.10+680 TO STA.11+330.0 (EDGE LINE.)



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #24	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i24.i	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 32 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

STA. 11+330.0 TO STA. 11+670.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)

STA. 11+330.0 TO STA. 11+670.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROAD)

5 -- AS SHOWN

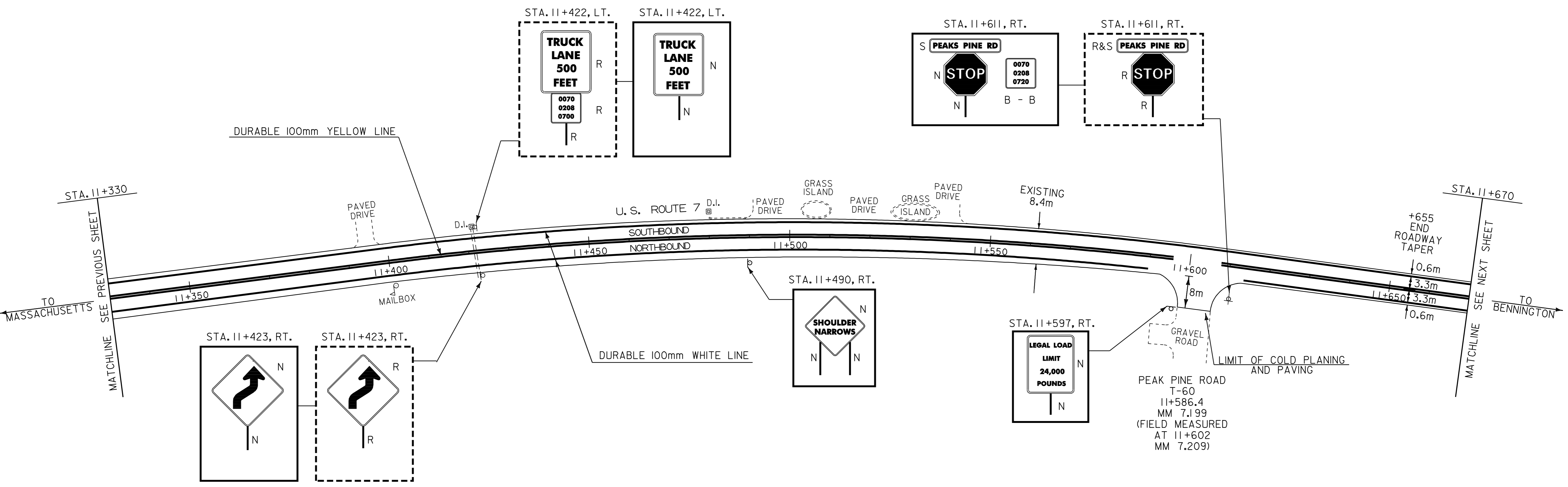
ERECTING SALVAGED SIGNS

1 -- AS SHOWN

DURABLE 100MM YELLOW LINE (POLYUREA)(GROUND & IN LAID)
STA. 11+600.0 TO STA. 11+670.0 (LT. AND RT.).

DURABLE 100MM YELLOW LINE (THERMO-PLASTIC)
STA. 11+330.0 TO STA. 11+600.0 (LT. AND RT.).

DURABLE 100MM YELLOW LINE (POLYUREA)
STA. 11+330.0 TO STA. 11+670.0 (EDGE LINE).



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #25

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68l25.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	33 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

~~TEMPORARY AND DURABLE 100mm YELLOW LINE~~
 STA. 11+670.0 TO STA. 11+788.4 SOLID LT. AND RT.
 STA. 11+788.4 TO STA. 12+037.9 SOLID LT. AND DASHED RT.
 STA. 12+037.9 TO STA. 12+102.3 DASHED
 STA. 12+102.3 TO STA. 12+335.6 DASHED LT. AND SOLID RT.
 STA. 12+335.6 TO STA. 12+360.0 SOLID LT. AND RT.

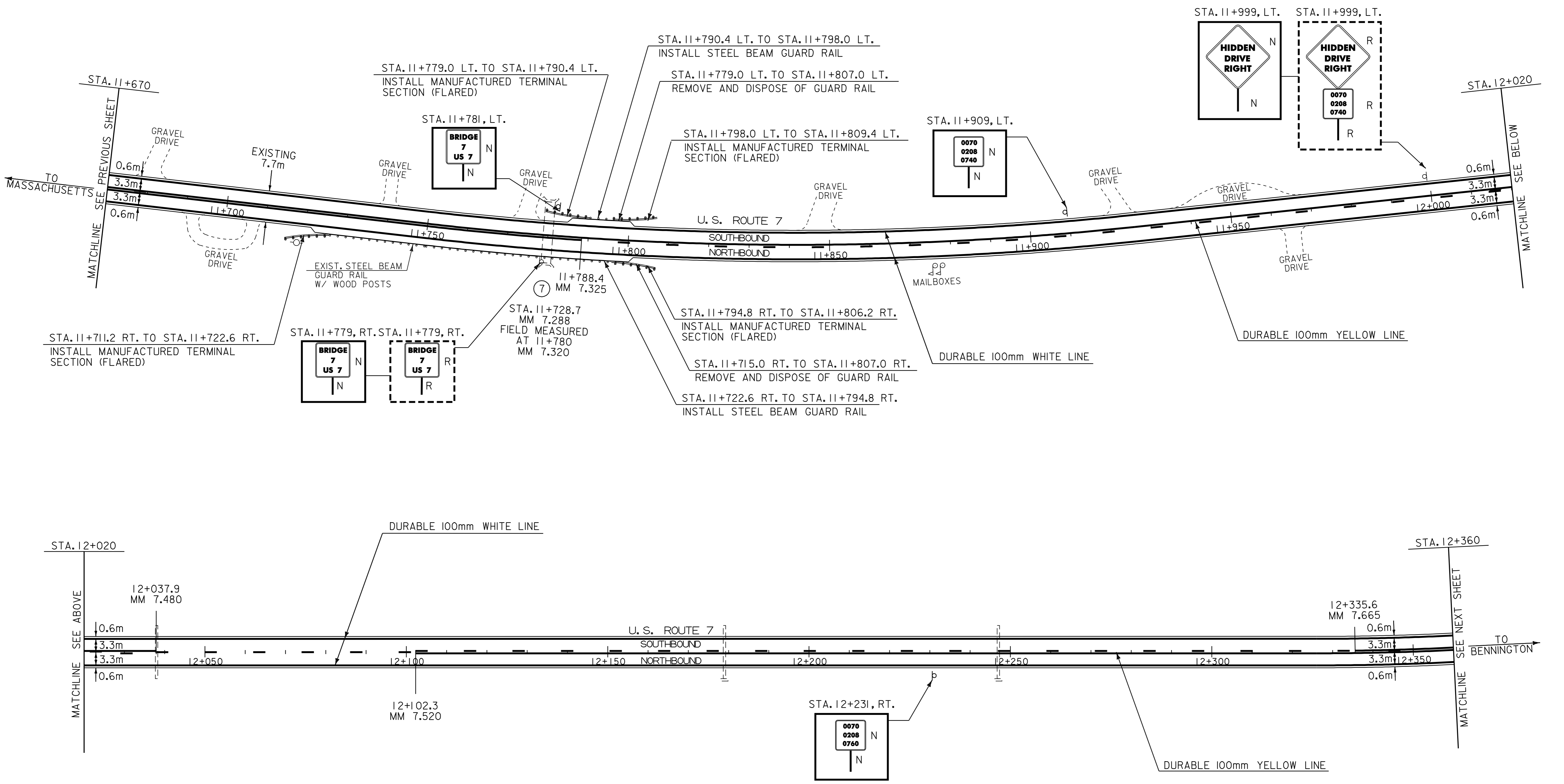
MANUFACTURED TERMINAL SECTION (FLARED)
 STA. 11+711.2 RT. TO STA. 11+722.6 RT.
 STA. 11+779.0 LT. TO STA. 11+790.4 LT.
 STA. 11+794.8 RT. TO STA. 11+806.2 RT.
 STA. 11+798.0 LT. TO STA. 11+809.4 LT.

REMOVAL AND DISPOSAL OF GUARD RAIL
 STA. 11+715.0 RT. TO STA. 11+807.0 RT.
 STA. 11+779.0 LT. TO STA. 11+807.0 LT.

~~TEMPORARY AND DURABLE 100mm WHITE LINE~~
 STA. 11+670.0 TO STA. 12+360.0 SOLID LT. AND RT. (EDGE LINE)

STEEL BEAM GUARD RAIL
 STA. 11+790.4 LT. TO STA. 11+798.0 LT.
 STA. 11+722.6 RT. TO STA. 11+794.8 RT.

REMOVING SIGNS
 3 -- AS SHOWN
 DURABLE 100mm WHITE LINE (POLYUREA)
 STA. 11+670.0 TO STA. 12+020.0 (EDGE LINE).



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #26	PROJECT: POWNAI-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l26.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 34 OF 65

~~TEMPORARY AND DURABLE 100mm YELLOW LINE~~

STA. 12+360.0 TO STA. 12+854.94 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)
STA. 0+000.00 TO STA. 0+015.0 SOLID LT. AND RT.

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 12+469 LT. TO STA. 12+480.4 LT.
STA. 12+484.2 LT. TO STA. 12+495.6 LT.
STA. 12+642.6 LT. TO STA. 12+654.0 LT.
STA. 12+719.8 RT. TO STA. 12+731.2 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 12+469.0 LT. TO STA. 12+496.0 LT.
STA. 12+644.0 LT. TO STA. 12+710.0 LT.
STA. 12+693.0 RT. TO STA. 12+728.0 RT.

REMOVING SIGNS

8 -- AS SHOWN

~~TEMPORARY AND DURABLE 100mm WHITE LINE~~

STA. 12+360.0 TO STA. 12+854.94 SOLID LT. AND RT. (EDGELINE)
(WITH EDGELINE BREAK FOR SIDE ROAD)
STA. 0+000.00 TO STA. 0+015.0 SOLID LT. AND RT. (EDGELINE)

SHOULDER BERM REMOVAL

~~STA. 12+469 LT. TO STA. 12+495 LT.~~

STA. 12+469 LT. TO STA. 12+480.4 LT.
INSTALL MANUFACTURED TERMINAL SECTION (FLARED)

EXIST. STEEL BEAM GUARD RAIL W/ WOOD POSTS

STA. 12+480.4 LT. TO STA. 12+484.2 LT.
INSTALL NEW STEEL BEAM GUARDRAIL

STA. 12+469.0 LT. TO STA. 12+496.0 LT.
REMOVE AND DISPOSE OF GUARD RAIL

STA. 12+484.2 LT. TO STA. 12+495.6 LT.
INSTALL NEW MTS (FLARED)

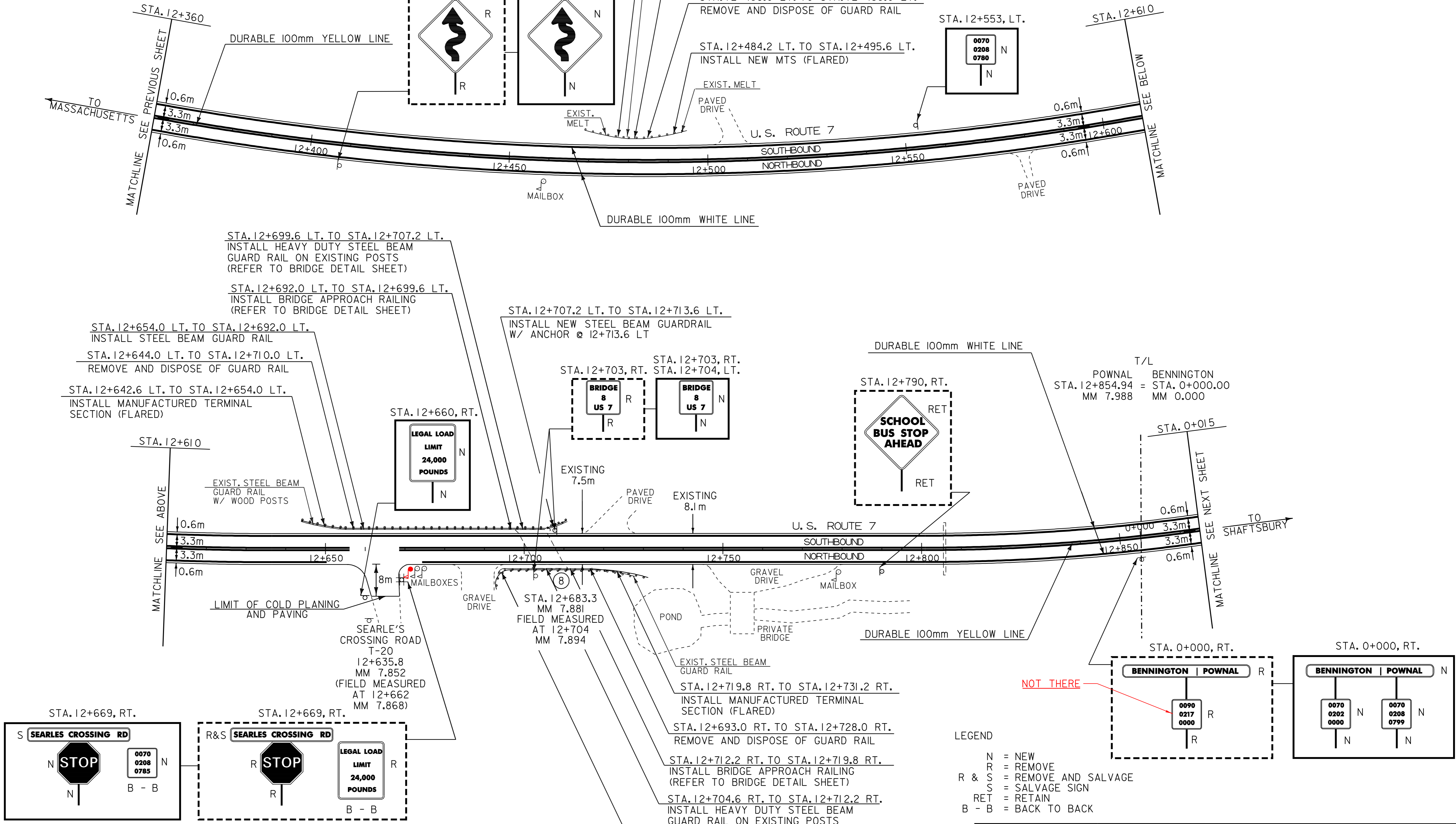
EXIST. MELT
PAVED DRIVE

ERECTING SALVAGED SIGNS

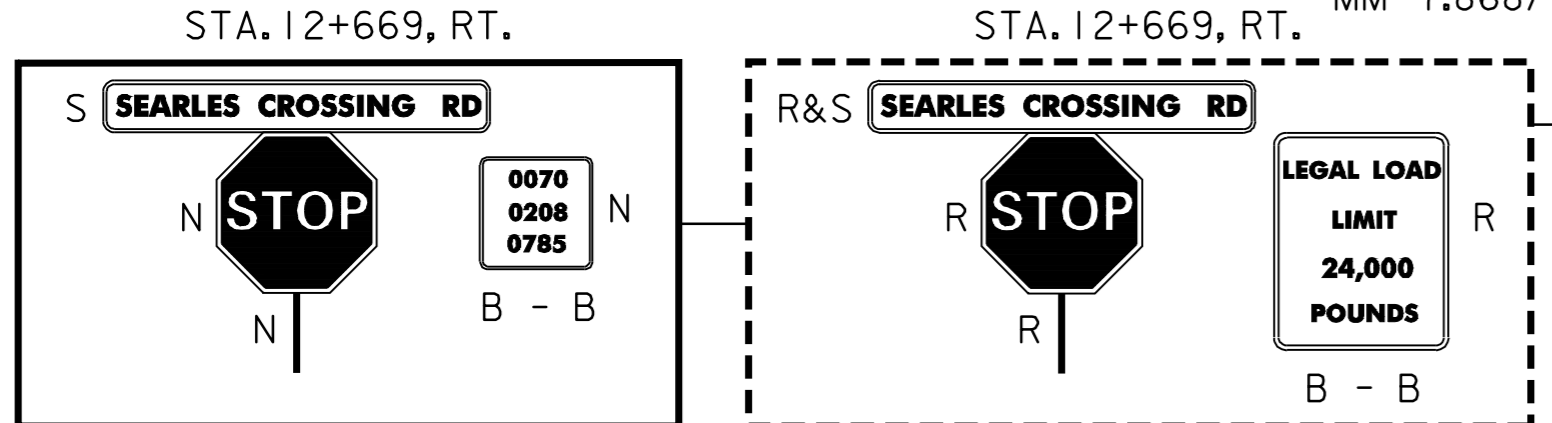
1 -- AS SHOWN

DURABLE 100MM YELLOW LINE (POLYUREA)(GROUND & IN LAID)
STA. 12+360.0 TO STA. 12+854.0&0+000.0 TO 015.0 (LT. AND RT.).

DURABLE 100MM YELLOW LINE (POLYUREA)
STA. 12+360.0 TO STA. 12+854.0&0+000.0 TO 015.0 (EDGELINE.).



T/L
POWNA = STA. 12+854.94
MM 7.988
BENNINGTON = STA. 0+000.00
MM 0.000



LEGEND

- N = NEW
- R = REMOVE
- R & S = REMOVE AND SALVAGE
- S = SALVAGE SIGN
- RET = RETAIN
- B - B = BACK TO BACK

PAVING PROJECT LAYOUT #27	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l27.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 35 OF 65

DATUM
VERTICAL N/A
HORIZONTAL N/A

~~TEMPORARY AND DURABLE 100mm YELLOW LINE~~

STA. 0+015.0 TO STA. 0+690.0 SOLID LT. AND RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 0+018.0 RT. TO STA. 0+117.0 RT.
STA. 0+474.0 LT. TO STA. 0+536.0 LT.

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 0+018.0 RT. TO STA. 0+029.4 RT.
STA. 0+105.6 RT. TO STA. 0+117.0 RT.
STA. 0+474.0 LT. TO STA. 0+485.4 LT.
STA. 0+551.2 LT. TO STA. 0+562.6 LT.

SHOULDER BERM REMOVAL

~~STA. 0+029 RT. TO STA. 0+106 RT.~~
~~STA. 0+485 LT. TO STA. 0+525 LT.~~

DURABLE 100MM YELLOW LINE (POLYUREAXGROUND & IN LAID)

STA. 0+015.0 TO STA. 0+690.0 (LT & RT).

REMOVING SIGNS

3 4 -- AS SHOWN

DURABLE 100MM WHITE LINE (POLYUREA)

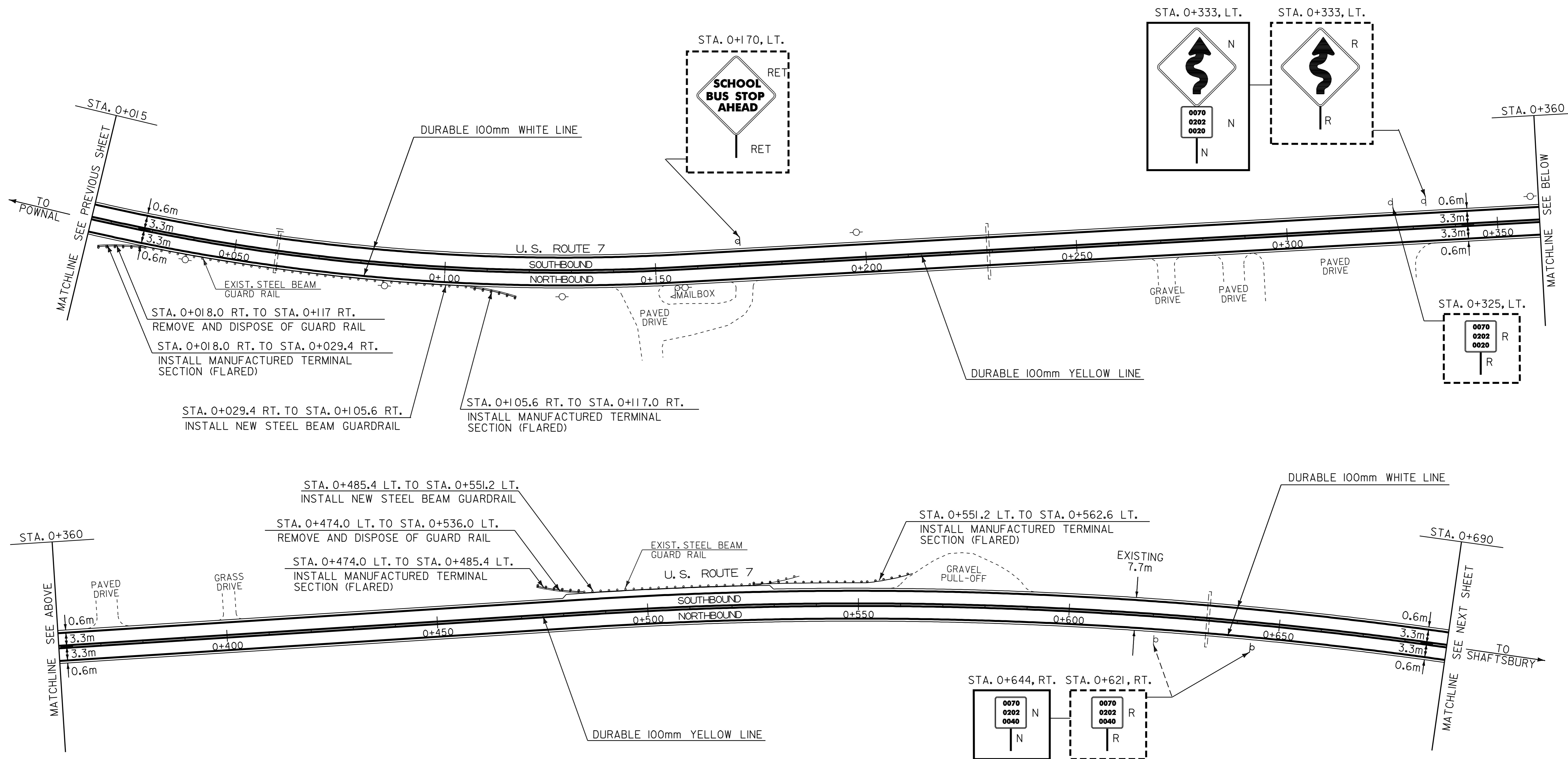
STA. 0+015.0 TO STA. 0+690.0 (EDGE LINE).

~~TEMPORARY AND DURABLE 100mm WHITE LINE~~

STA. 0+015.0 TO STA. 0+690.0 SOLID LT. AND RT. (EDGE LINE)

STEEL BEAM GUARD RAIL

STA. 0+029.4 RT. TO STA. 0+105.6 RT.
STA. 0+524.6 LT. TO STA. 0+551.2 LT.

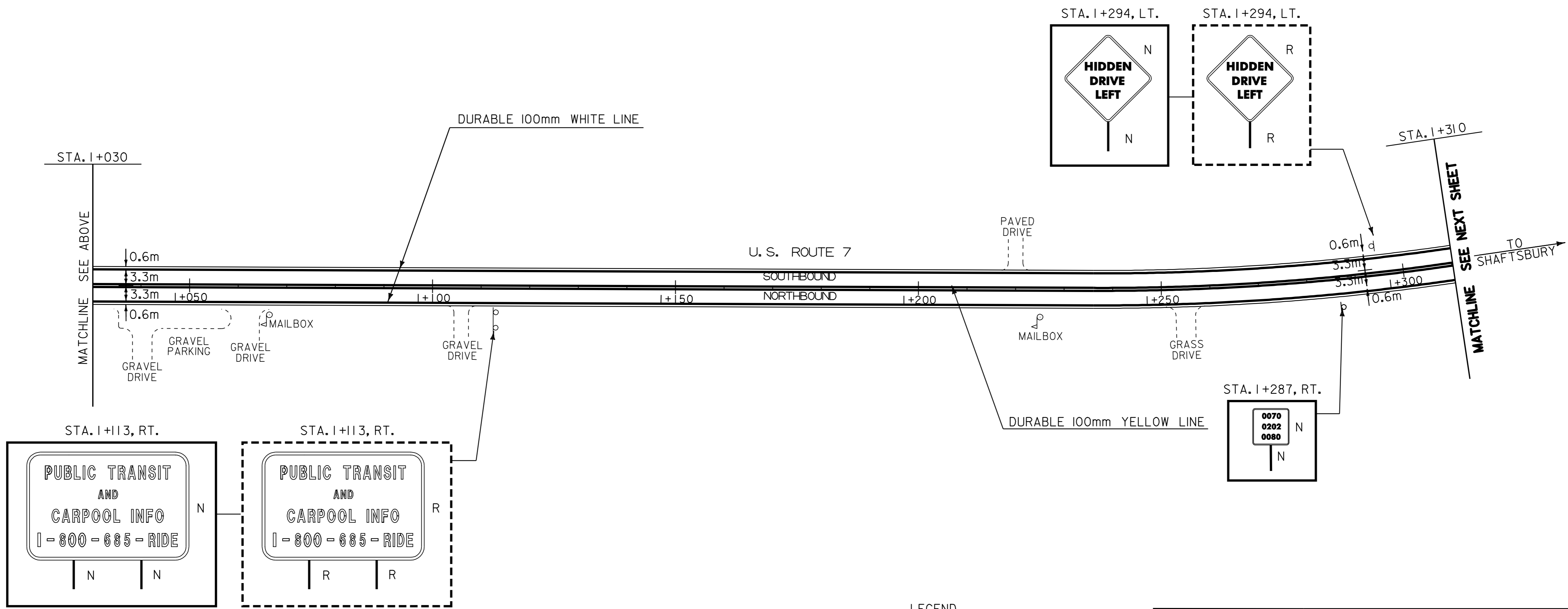
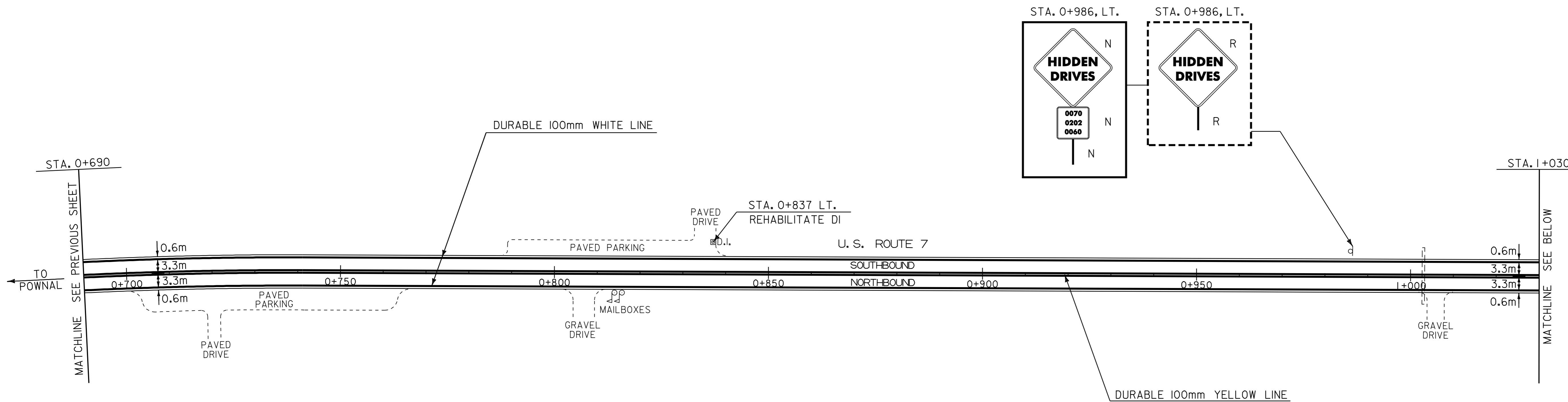


- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #28

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68l28.1	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	36 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #29	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l29.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 37 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 1+310.0 TO STA. 1+660.0 SOLID LT. AND RT.
(WITH CENTERLINE BREAK FOR SIDE ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 1+310.0 TO STA. 1+660.0 SOLID LT. AND RT. (EDGE LINE)
(WITH EDGE LINE BREAK FOR SIDE ROAD)

REMOVAL AND DISPOSAL OF GUARD RAIL

STA. 1+322.0 RT. TO STA. 1+409.0 RT.

MANUFACTURED TERMINAL SECTION (FLARED)

STA. 1+322.0 RT. TO STA. 1+333.4 RT.
STA. 1+397.6 RT. TO STA. 1+409.0 RT.

STEEL BEAM GUARDRAIL

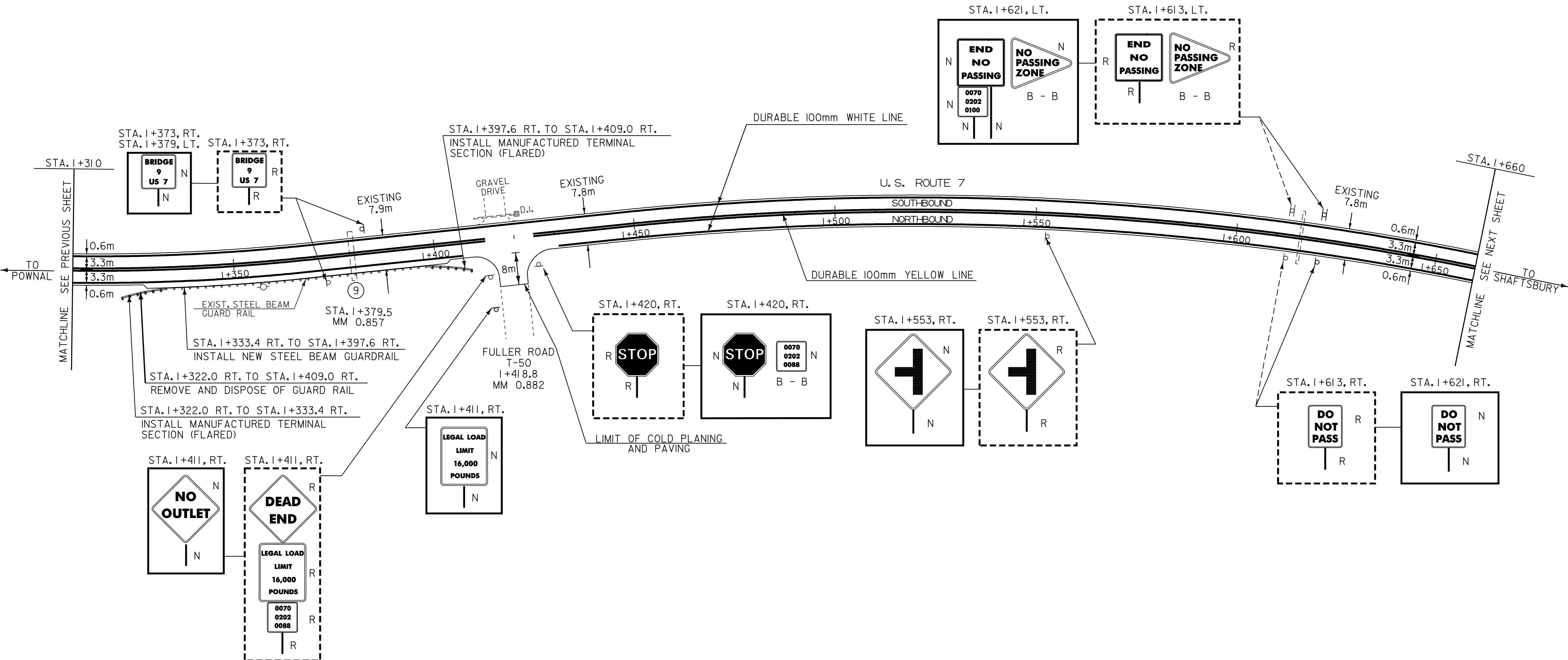
STA. 1+333.4 RT. TO STA. 1+397.6 RT.

SHOULDER BERM REMOVAL

STA. 1+333 RT. TO STA. 1+398 RT.

REMOVING SIGNS

9 -- AS SHOWN



LEGEND

N = NEW
R = REMOVE
R & S = REMOVE AND SALVAGE
S = SALVAGE SIGN
RET = RETAIN
B - B = BACK TO BACK

PAVING PROJECT LAYOUT #30

PROJECT: POWNAI-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68130.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 38 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA. 1+660.0 TO STA. 1+980.0 SOLID LT. AND RT.
 (WITH CENTERLINE BREAK FOR SIDE ROADS)
 STA. 1+735 LT. (MONUMENT AVENUE EXTENSION)
 STA. 1+750 LT. (MONUMENT AVENUE EXTENSION)
 STA. 1+752 LT. (CARPENTER HILL ROAD)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA. 1+660.0 TO STA. 1+980.0 SOLID LT. AND RT. (EDGE LINE)
 (WITH EDGE LINE BREAK FOR SIDE ROADS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA. 1+735 LT. (MONUMENT AVENUE EXTENSION)
 STA. 1+750 LT. (MONUMENT AVENUE EXTENSION)
 STA. 1+752 LT. (CARPENTER HILL ROAD)

REMOVING SIGNS

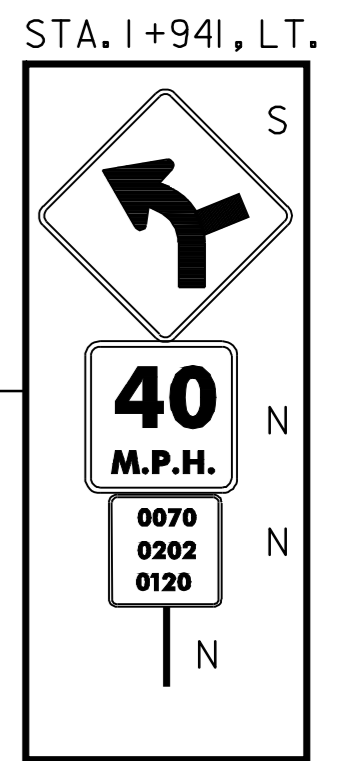
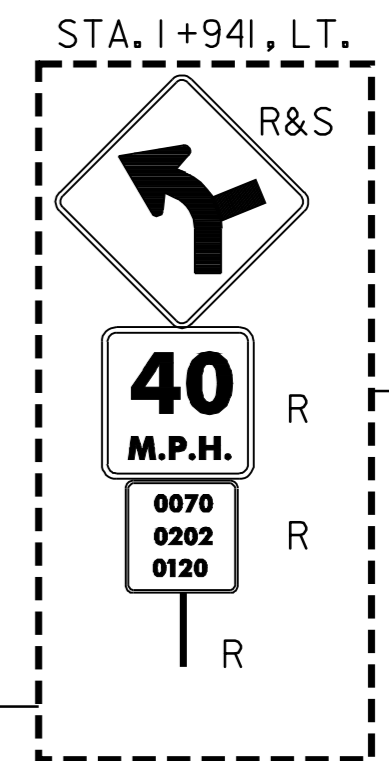
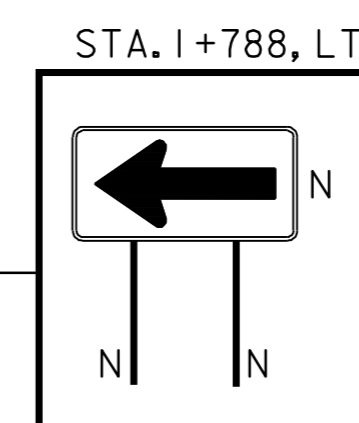
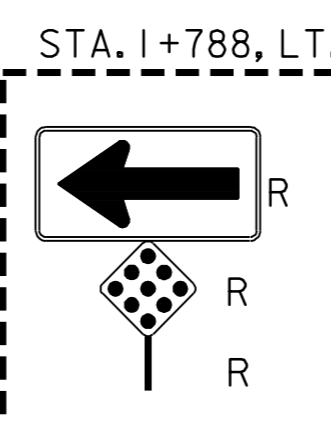
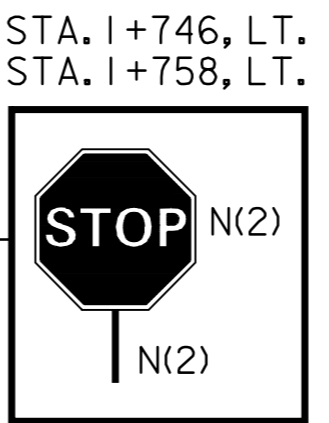
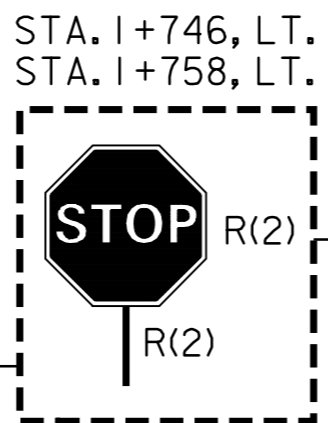
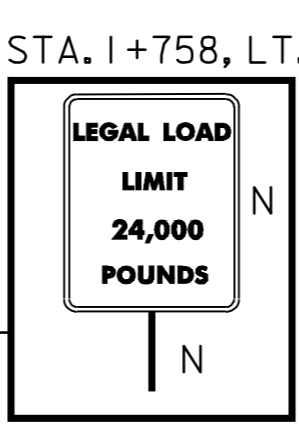
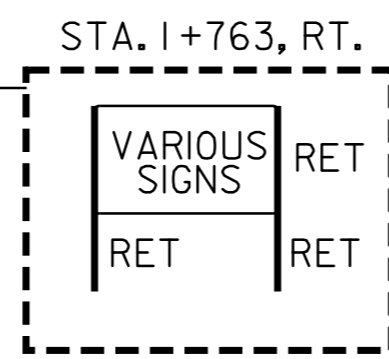
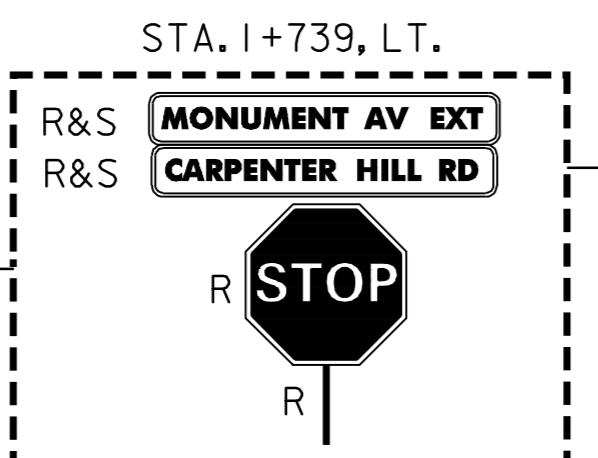
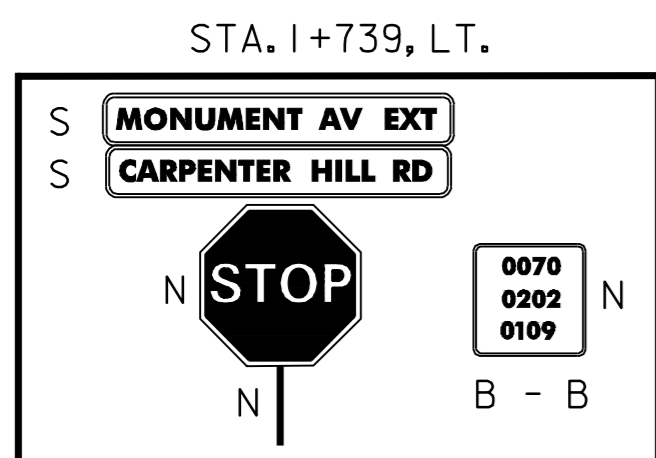
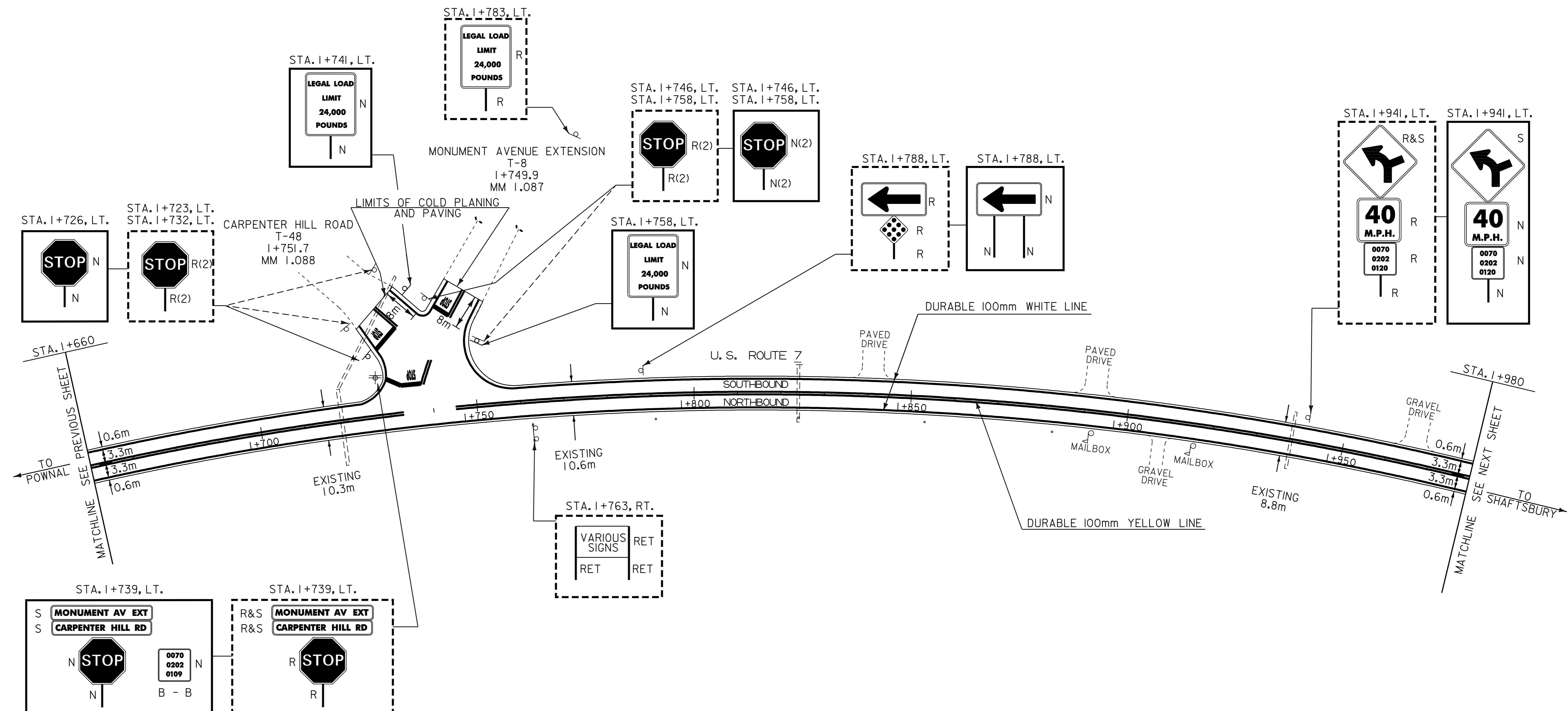
13 -- AS SHOWN

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA. 1+735 LT. - "STOP" (MONUMENT AVENUE EXTENSION)
 STA. 1+750 LT. - "STOP" (MONUMENT AVENUE EXTENSION)
 STA. 1+752 LT. - "STOP" (CARPENTER HILL ROAD)

ERECTING SALVAGED SIGNS

3 -- AS SHOWN



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

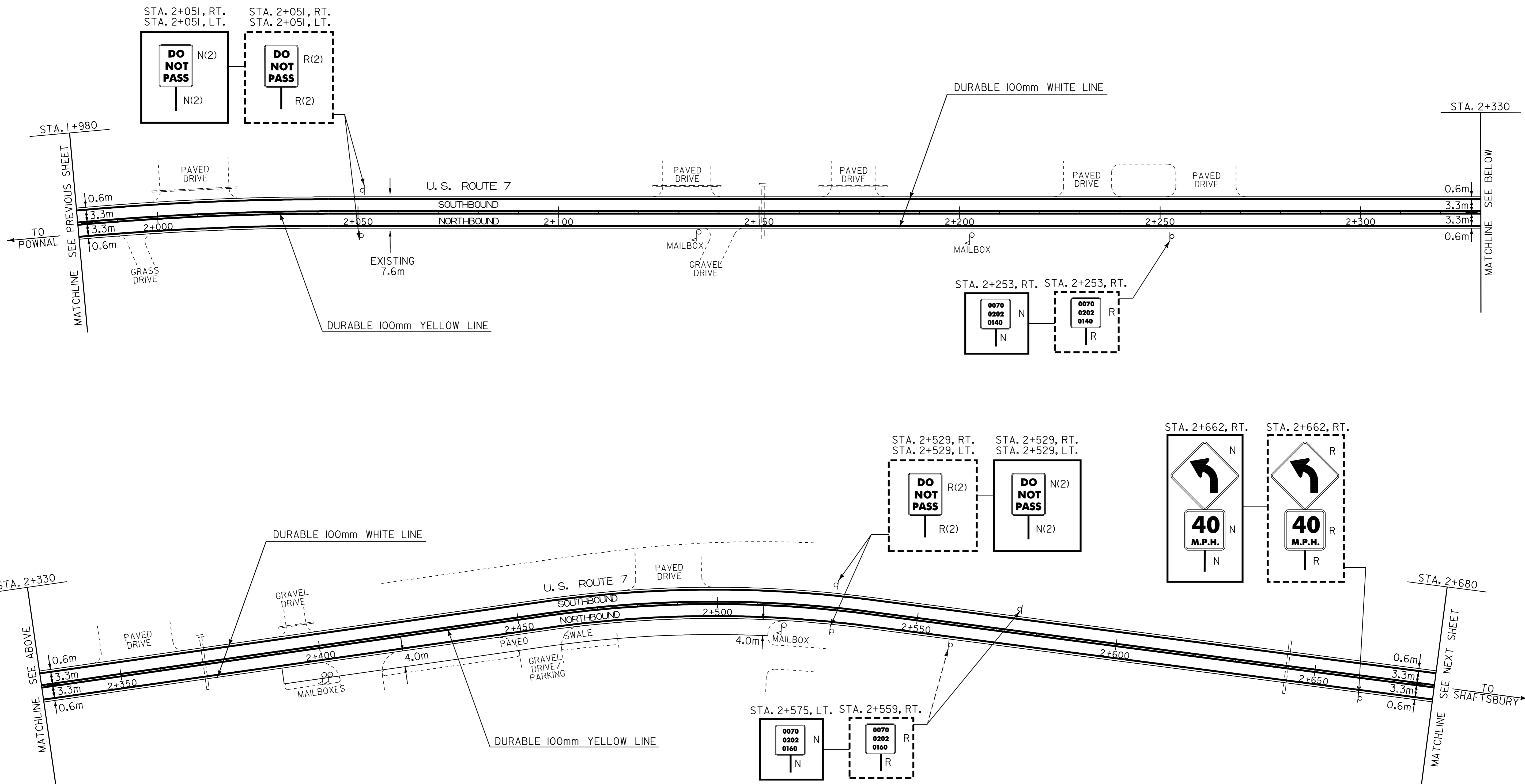
- LEGEND
- N = NEW
 - R = REMOVE
 - R & S = REMOVE AND SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B - B = BACK TO BACK

PAVING PROJECT LAYOUT #31

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68l3l.l	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	39 OF 65



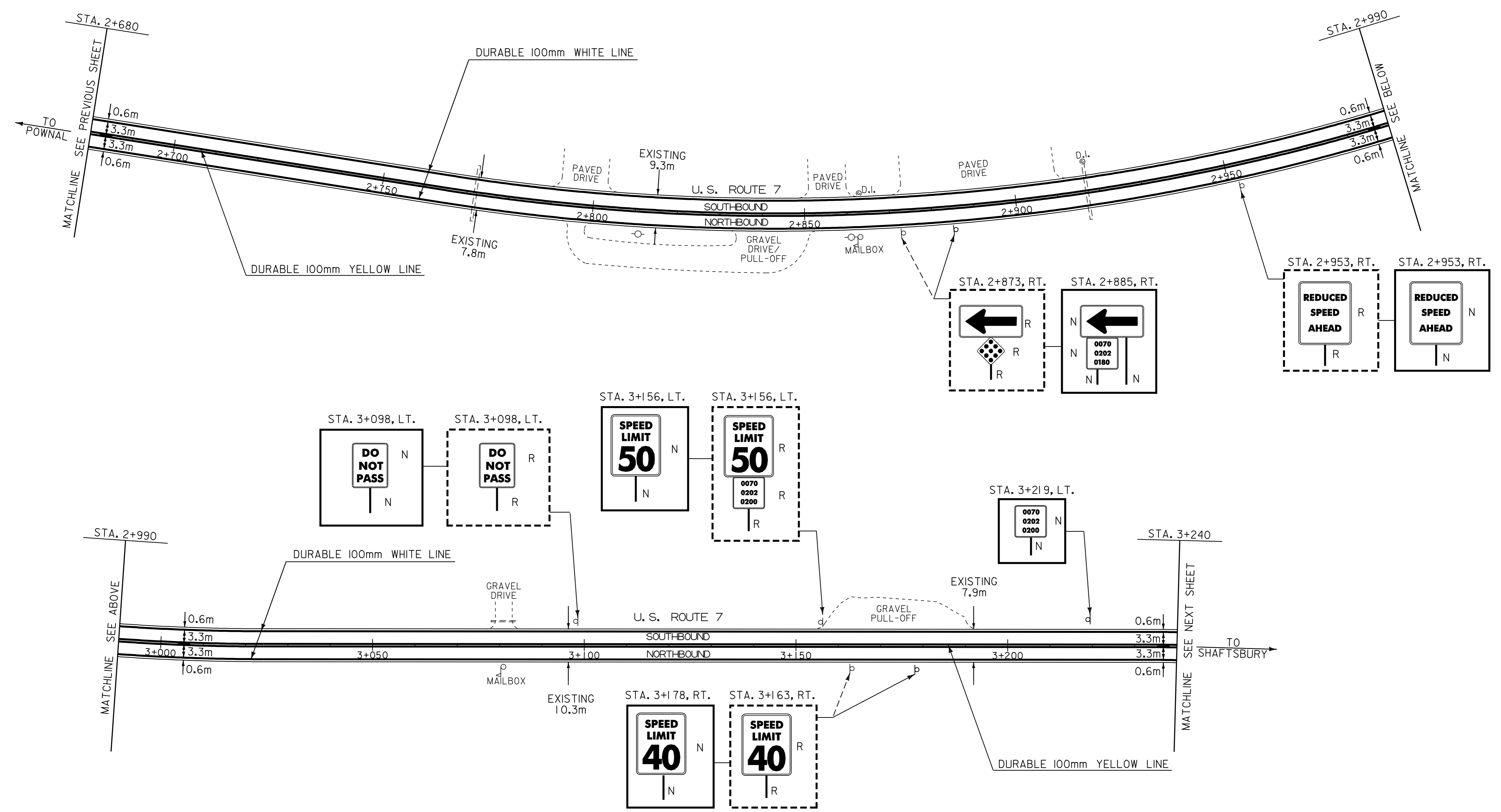
CONSTRUCT PAVED GUTTER
 STA. 2+390.00 RT TO STA. 2+525.00 RT



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #32	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l32.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 40 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

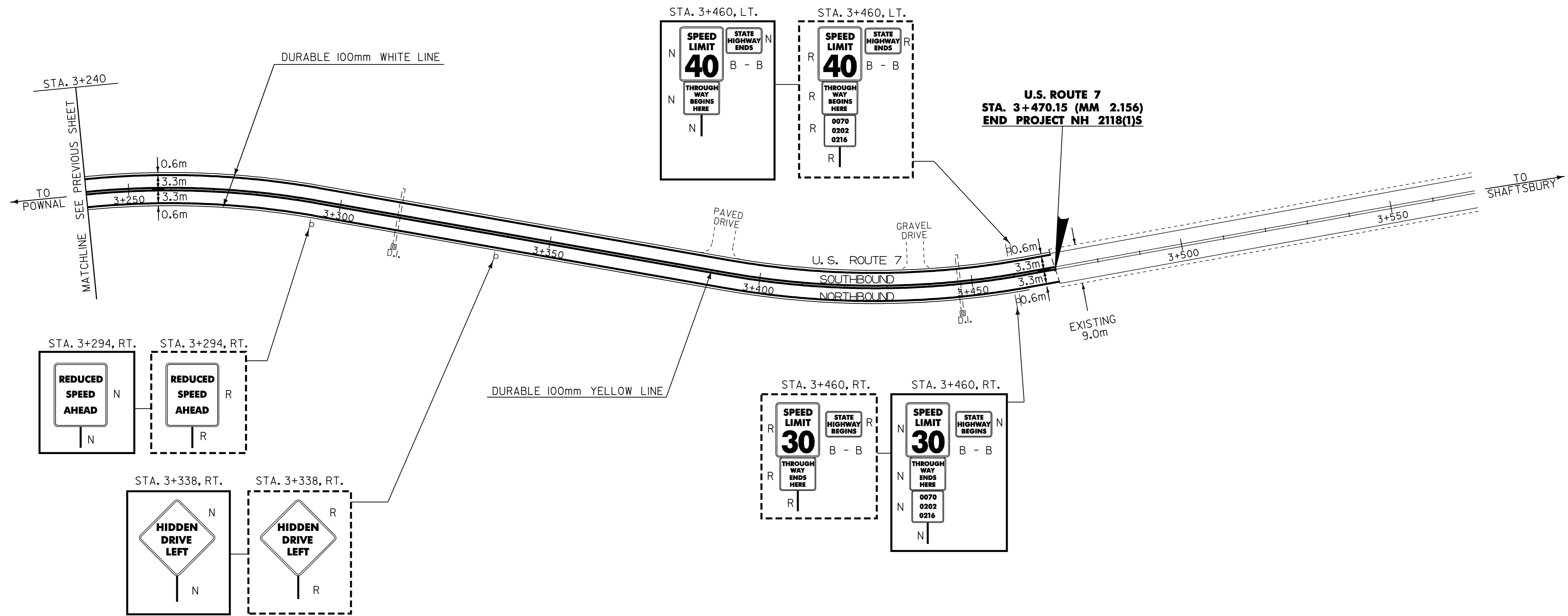


LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #33

PROJECT: POWNAI-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68133.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 41 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



LEGEND
 N = NEW
 R = REMOVE
 R & S = REMOVE AND SALVAGE
 S = SALVAGE SIGN
 RET = RETAIN
 B - B = BACK TO BACK

PAVING PROJECT LAYOUT #34	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(1)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68l34.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 42 OF 65

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

EXCAVATION OF SURFACES AND PAVEMENTS

EARTH BORROW

STA. 10+140 RT. TO STA. 10+217 RT.

STA. 10+190 RT. TO STA. 10+215 RT.

COMMON EXCAVATION

STA. 2+868 TO STA. 2+984
 STA. 3+005 TO STA. 3+103
 STA. 10+192 TO STA. 10+214
 STA. 10+190 RT. TO STA. 10+215 RT.

REHABILITATION OF DI, CB, OR MH, CLASS I

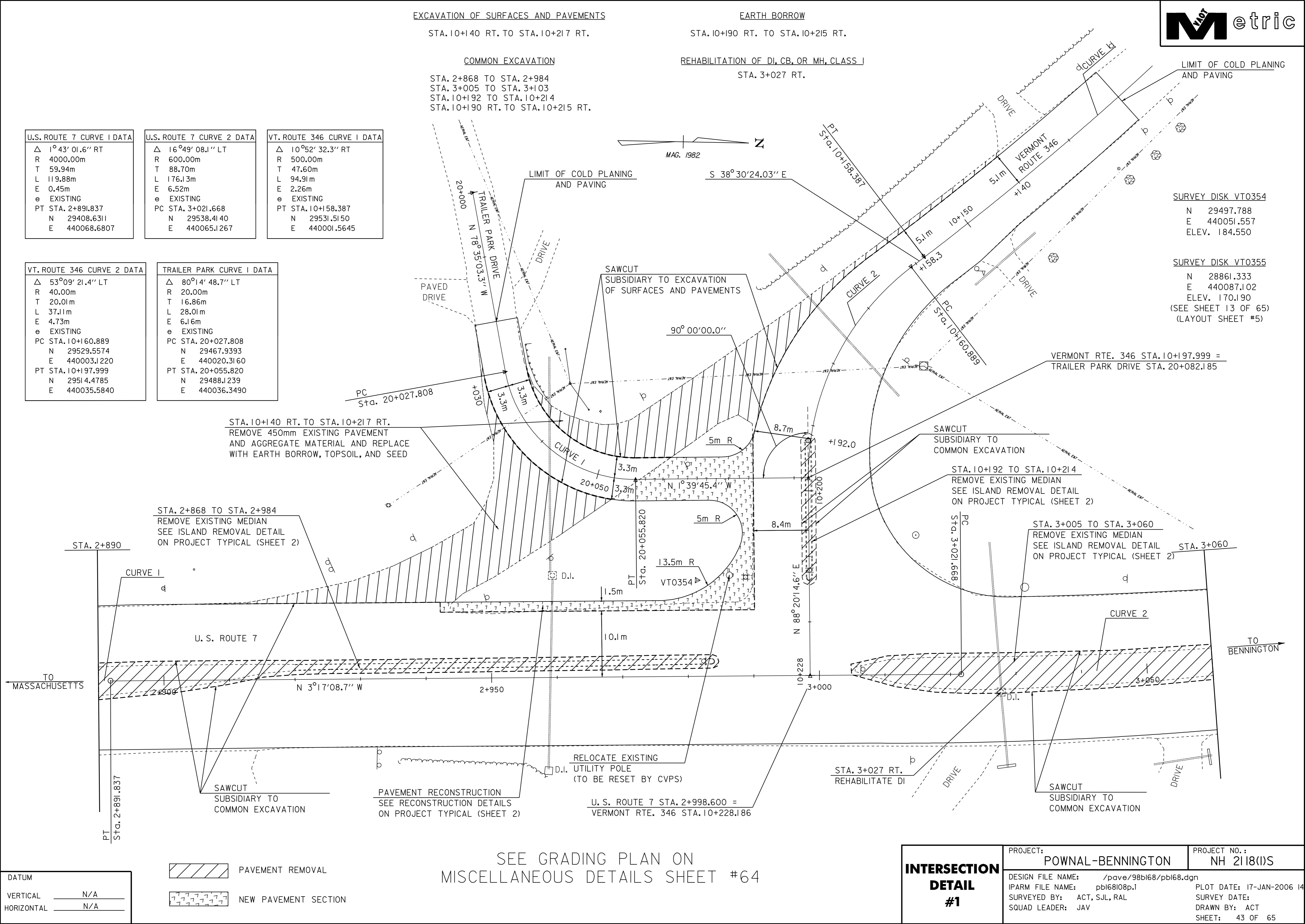
STA. 3+027 RT.

U.S. ROUTE 7 CURVE 1 DATA	U.S. ROUTE 7 CURVE 2 DATA	VT. ROUTE 346 CURVE 1 DATA
Δ 1°43'01.6" RT	Δ 16°49'08.1" LT	Δ 10°52'32.3" RT
R 4000.00m	R 600.00m	R 500.00m
T 59.94m	T 88.70m	T 47.60m
L 119.88m	L 176.13m	L 94.91m
E 0.45m	E 6.52m	E 2.26m
e EXISTING	e EXISTING	e EXISTING
PT STA. 2+891.837	PC STA. 3+021.668	PT STA. 10+158.387
N 29408.6311	N 29538.4140	N 29531.5150
E 440068.6807	E 440065.1267	E 440001.5645

VT. ROUTE 346 CURVE 2 DATA	TRAILER PARK CURVE 1 DATA
Δ 53°09'21.4" LT	Δ 80°14'48.7" LT
R 40.00m	R 20.00m
T 20.01m	T 16.86m
L 37.11m	L 28.01m
E 4.73m	E 6.16m
e EXISTING	e EXISTING
PC STA. 10+160.889	PC STA. 20+027.808
N 29529.5574	N 29467.9393
E 440003.1220	E 440020.3160
PT STA. 10+197.999	PT STA. 20+055.820
N 29514.4785	N 29488.1239
E 440035.5840	E 440036.3490

SURVEY DISK VT0354
 N 29497.788
 E 440051.557
 ELEV. 184.550

SURVEY DISK VT0355
 N 28861.333
 E 440087.102
 ELEV. 170.190
 (SEE SHEET 13 OF 65)
 (LAYOUT SHEET #5)



STA. 10+140 RT. TO STA. 10+217 RT.
 REMOVE 450mm EXISTING PAVEMENT
 AND AGGREGATE MATERIAL AND REPLACE
 WITH EARTH BORROW, TOPSOIL, AND SEED

STA. 2+868 TO STA. 2+984
 REMOVE EXISTING MEDIAN
 SEE ISLAND REMOVAL DETAIL
 ON PROJECT TYPICAL (SHEET 2)

SAWCUT
 SUBSIDIARY TO
 COMMON EXCAVATION

STA. 10+192 TO STA. 10+214
 REMOVE EXISTING MEDIAN
 SEE ISLAND REMOVAL DETAIL
 ON PROJECT TYPICAL (SHEET 2)

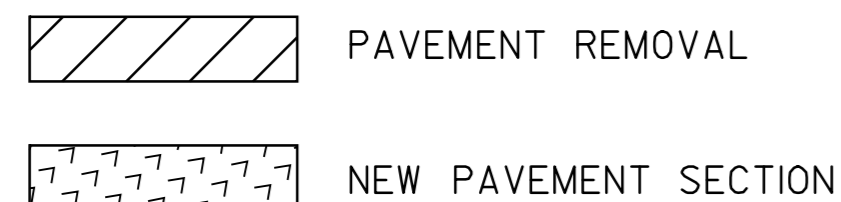
STA. 3+005 TO STA. 3+060
 REMOVE EXISTING MEDIAN
 SEE ISLAND REMOVAL DETAIL
 ON PROJECT TYPICAL (SHEET 2)

PAVEMENT RECONSTRUCTION
 SEE RECONSTRUCTION DETAILS
 ON PROJECT TYPICAL (SHEET 2)

U. S. ROUTE 7 STA. 2+998.600 =
 VERMONT RTE. 346 STA. 10+228.186

SEE GRADING PLAN ON
 MISCELLANEOUS DETAILS SHEET #64

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



INTERSECTION DETAIL #1	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68i08p.1	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 43 OF 65

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.J.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SIGN ERECTOR		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	75	89	100	125	FTG. SIZE						WEIGHT	POST SIZE
																								kg/m	kg/m						
TOWN OF POWNAL		2	600	450	0.54																								VR - 039, VR - 038	E-141M	
0+000, RT.		2	600	600	0.72					1			X																VR - 041, VR - 040	E-141M	
		1	150	200	0.03																								VD - 700 BACK TO BACK	E-138M	
0+022, RT.		23	150	200	0.69*					23		X		X														VD-701 * INCLUDES ALL STAND ALONE BRIDGE PLAQUES (23) SEE PLANS FOR LOCATIONS	E-134M		
0+035, RT.		1	600	750	0.45					1			X		X														VR - 017	E-141M	
0+047, RT.		1	750	750	0.56					1			X		X														R 1-1 VD - 700 BACK TO BACK WITH STOP SIGN	E-143M E-138M	
0+080, RT.		1	600	300	0.18					1			X		X														M 3-1	E-136AM	
		1	600	600	0.36																								M 1-4	E-136AM	
0+133, RT.		1	600	600	0.36					1			X		X														VR - 654	E-143M	
		1	600	450	0.27																								VR - 655P	63	
0+198, RT.		1	1200	1500	1.80					2			X		X														VR - 114	E-144M	
0+322, LT.		32	150	200	0.96*					31		X		X															VD-700 * INCLUDES ALL STAND ALONE MILEMARKERS (31) AT EVERY 0.2 MILE. SEE PLANS FOR LOCATIONS	E-138M	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."					m ²	m ²	EA.	m ²			m	m	m	m	m	m	EA	kg	kg	kg		kg	kg	kg	kg						
												248.4	32.2	248.4	32.2																
TOTALS					m ²	m ²	EA.	m ²				m						kg	EA.			kg		EA.	EA.						
					6.95							280.6																			
													PROJECT: POWNAL-BENNINGTON				PROJECT NO.: NH 2118(I)S														
													DESIGN FILE NAME: /pave/98bl68/pbl68.dgn				PLOT DATE: 17-JAN-2006 14:2														
													IPARM FILE NAME: pbl68+s01.i				SURVEY DATE:														
													SURVEYED BY: ACT, SJL, RAL				DRAWN BY: ACT														
													SQUAD LEADER: JAV				SHEET: 44 OF 65														

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.I.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SFR		REQUIRED	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND-ATION	75	89	100	125	FTG. SIZE						WEIGHT	POST SIZE	
																									kg/m								kg/m
TOWN OF POWNAL 2+323, LT.		1	600	600	0.36					1																		R 8-3A		E-143M			
2+350, LT.		1	450	600	0.27					1																		W 1-8		E-150M			
2+385, LT.		1	450	600	0.27					1																		W 1-8		E-150M			
2+433, LT.		1	600	600	0.36					1																		R 8-3A		E-143M			
2+476, LT.		1	750	750	0.56					1																		W 11-3	62				
2+521, LT.		1	600	600	0.36					1																		R 8-3A		E-143M			
2+560, LT.		1	600	750	0.45					2																		R 2-1		E-142M			
		1	600	600	0.36																							R 8-3A		E-143M			
2+681, RT.		1	525	375	0.20					1																		M 2-1		E-136BM			
		1	750	600	0.45																									E-136BM			
2+770, RT.		1	1800	250	0.45					2																		D 1-1		E-123M			
		1	1800	250	0.45																							D 1-1		E-123M			
		1	1800	250	0.45																							D 1-1		E-123M			
		1	1800	250	0.45																							D 1-1		E-123M			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."											m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
											5.44								50.6	50.6											DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14		
											TOTALS	m ²	m ²	EA.	m ²		m	m				kg	EA.	EA.	kg	EA.	EA.	kg	IPARM FILE NAME: pbl68ts04.l	SURVEY DATE:				
											5.44					50.6	50.6													SQUAD LEADER: JAV	SHEET: 47 OF 65			

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN			SALV. T.I.S.	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL			SFR. REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
														kg/m			kg/m				kg/m			600 mm	750 mm							
2+775, RT.		1	600	600	0.36				1			4.3															R 8-3A	E-143M				
		1	600	300	0.18							X															M 4-6	E-140M				
2+788, LT.		1	600	600	0.36				1			4.3															R 8-3A	E-143M				
		1	600	300	0.18							X															M 4-11	E-140M				
2+807, RT.		1	600	750	0.45				1			4.1															VR - 017	E-141M				
2+810, LT.		1	1800	250	0.45				2			3.7															D 1-1	E-123M				
												X																				
2+819, RT.		1	750	750	0.56				1			3.8															PERPENDICULAR TO STOP SIGN USE TOP MOUNTING BRACKET AS SHOWN ON E-160M	E-143M				
		1	150	200	0.03							X															VD - 700	E-138M				
																											BACK TO BACK WITH STOP SIGN					
2+833, RT.		2	600	300	0.36				2			4.6															M 3-1, M 3-1	E-136BM				
		1	750	600	0.45							X																E-136AM				
		1	600	600	0.36							4.7															M 1-4	E-136AM				
		2	525	375	0.40																						M 6-1, M 6-3	E-136BM				
2+933, RT.		1	1200	750	0.90				2			4.3															VR - 935	E-145BM				
												X																				
2+970, LT.		1	600	300	0.18				1			4.3															M 3-3	E-136AM				
		1	600	600	0.36							X															M 1-4	E-136AM				
2+984, LT.		1	750	750	0.56				1			4.1															R 1-1	E-143M				
		1	150	200	0.03							X															VD - 700	E-138M				
																											BACK TO BACK WITH STOP SIGN					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."		m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
		6.98		1			55.2			55.2				58.5											DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
TOTALS		m ² 6.17	m ²	EA. 1	m ²		m 55.2			m 55.2				kg			EA.	kg			EA.	EA.	kg	SURVEYED BY: ACT, SJL, RAL	SURVEY DATE:	
																								SQUAD LEADER: JAV	DRAWN BY: ACT	
																									SHEET: 48 OF 65	

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAINED SALVAGED	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.J.S.		NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL			SIGN MATERIAL	UNIT	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											kg/m	kg/m	kg/m	44	50	63	75	100	100 MOD.	FOUNDA-TION	75	89	100	125	FTG. SIZE						WEIGHT	POST SIZE	
																									1.7								3.0
TRAILER PARK DRIVE 20+071, RT.		1	750	750	0.56					1																		R 1-1	E-143M				
VT ROUTE 346 10+088, RT.		1	1800	250	0.45				X																			D 1-1 NEW SIGN TO BE MOUNTED ON RETAINED POSTS WITH RETAINED SIGNS	E-123M				
10+088, LT.		1	1800	250	0.45					2																		D 1-1	E-123M				
		1	1800	250	0.45																							D 1-1	E-123M				
10+120, LT.		1	600	750	0.45					1																			R 2-1, VR - 040 BACK TO BACK	E-142M			
		1	600	600	0.36																								VR - 041	E-141M			
		1	600	600	0.36																												
10+122, RT.		2	600	300	0.36					2																			M 3-1, M 3-3	E-136AM			
		2	600	600	0.72																								M 1-4	E-136AM			
		2	525	375	0.40																									M 6-1	E-136AM		
10+170, RT.		1	600	600	0.36					1																			R 8-3A	E-143M			
		1	600	300	0.18																								M 4-6	E-140M			
10+173, LT.		1	600	600	0.36					1																			R 8-3A	E-143M			
		1	600	300	0.18																								M 4-11	E-140M			
10+190, RT.		1	600	300	0.18					1																			M 3-1	E-136BM			
		1	750	600	0.45																									E-136BM			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."					m ²	m ²	EA.	m ²			m	m	m	m	m	m	EA	kg	kg	kg		kg	kg	kg	kg								
					6.27																												
TOTALS					m ²	m ²	EA.	m ²			m	m	m	m	m	m	EA	kg					kg	kg	kg	kg	EA.	EA.	kg				
					6.27						41.4	41.4	41.4	41.4	41.4	41.4																	
												PROJECT: POWNAL-BENNINGTON				PROJECT NO.: NH 2118(1)S																	
												DESIGN FILE NAME: /pave/98b168/pbl68.dgn				PLOT DATE: 17-JAN-2006 14:3																	
												IPARM FILE NAME: pbl68ts06.1				SURVEY DATE:																	
												SURVEYED BY: ACT, SJL, RAL				DRAWN BY: ACT																	
												SQUAD LEADER: JAV				SHEET: 49 OF 65																	

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS														REMARKS	SIGN DETAIL						
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.J.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL				SIGN TYPE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
											kg/m	kg/m	kg/m	44	50	63	75	100	100 MOD.	FOUNDA-TION	75	89	100	125		FTG. SIZE					WEIGHT	POST SIZE
																										1.7	3.0					
TOWN OF POWNAL 3+014, RT.		I	600	300	0.18					1																		M 3-1	E-I 36AM			
		I	600	600	0.36																								M 1-4	E-I 36AM		
3+047, LT.		I	600	300	0.18					2																			M 3-3	E-I 36AM		
		I	600	300	0.18																								M 3-1	E-I 36BM		
		I	600	600	0.36																								M 1-4	E-I 36AM		
		I	750	600	0.45																									E-I 36BM	E-I 36AM	
		I	525	375	0.20																									M 6-3	E-I 36AM	
		I	525	375	0.20																									M 6-1	E-I 36BM	
3+088, RT.		I	1800	250	0.45					2																		D 1-1	E-I 23M			
		I	1800	250	0.45																							D 1-1	E-I 23M			
3+140, LT.		I	900	750	0.68					2																		VR - 921	E-I 45AM			
3+149, RT.		I	600	750	0.45					1																		R 2-1	E-I 42M			
3+218, LT.		I	1800	250	0.45					2																			D 1-1	E-I 23M		
		I	1800	250	0.45																								D 1-1	E-I 23M		
		I	1800	250	0.45																								D 1-1	E-I 23M		
		I	150	200	0.03																								VD - 700	E-I 38M		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."					m ²	m ²	EA.	m ²			m	m	m	m	m	m	EA	kg	kg	kg		kg	kg	kg	kg							
					5.52							46.0	46.0	46.0	46.0	46.0																
TOTALS					m ²	m ²	EA.	m ²				m	m				kg	EA.		kg	EA.	EA.	kg									
					5.52							46.0	46.0																			
												PROJECT: POWNAL-BENNINGTON				PROJECT NO.: NH 2118(I)S																
												DESIGN FILE NAME: /pave/98b168/pbl68.dgn				PLOT DATE: 17-JAN-2006 14:33																
												IPARM FILE NAME: pbl68ts07.1				SURVEY DATE:																
												SURVEYED BY: ACT, SJL, RAL				DRAWN BY: ACT																
												SQUAD LEADER: JAV				SHEET: 50 OF 65																

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.I.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SIGN REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND-ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
														kg/m			kg/m				kg/m			600 mm	750 mm							
TOWN OF POWNAL 3+299, LT.			525	375	0.20					1																		M 2- 1		E-136BM		
			750	600	0.45																											E-136BM
3+367, RT.			900	900	0.81					2																		W 4- 2		E-151M		
			150	200	0.03																											E-134M
3+582, RT.			600	750	0.45					1																		VR - 017		E-141M		
3+585, LT.			750	750	0.56					1																		R 1- 1		E-143M		
3+594, RT.			750	750	0.56					1																		R 1- 1		E-143M		
			150	200	0.03																								VD - 700		E-138M	
3+597, LT.			600	750	0.45					1																		VR - 017		E-141M		
3+679, RT.			600	750	0.45					1																		R 4-6		E-141M		
3+773, LT.			600	750	0.45					1																						
3+773, LT.			750	750	0.56					1																		R 1- 1		E-143M		
3+777, RT.			600	750	0.45					1																		VR - 017		E-141M		
3+784, LT.			600	750	0.45					1																		VR - 017		E-141M		
3+793, RT.			750	750	0.56					1																		R 1- 1		E-143M		
			150	200	0.03																								VD - 700		E-138M	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."										m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
										6.49		2			55.2			55.2									DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14					
															53.6												IPARM FILE NAME: pbl68ts08.f	SURVEY DATE:					
															55.2												SURVEYED BY: ACT, SJL, RAL	SURVEY DATE:					
															55.2												SQUAD LEADER: JAV	SHEET: 51 OF 65					
TOTALS										m ²	m ²	EA.	m ²		m	m	m	m	kg	EA.	kg	EA.	EA.	kg									

MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RE- SALVAGE LINE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.I.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SFR FRAME REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND- ATION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE		
														kg/m			kg/m				kg/m			600 mm	750 mm								
TOWN OF POWNAL 6+180, RT.			600	750	0.45								4.3			X														R 4- 6	E-141M		
6+416, RT.			600	750	0.45								4.3			X														R 4- 3	E-141M		
7+090, RT.			600	750	0.45								4.3			X														VR - 017	E-141M		
7+101, RT.			750	750	0.56								3.8			X														PERPENDICULAR TO STOP SIGN USE TOP MOUNTING BRACKET AS SHOWN ON E-160M R 1- 1 VD - 700 BACK TO BACK WITH STOP SIGN	E-143M E-138M		
7+229, RT.			600	750	0.45								4.0			X															VR - 017	E-143M	
7+243, RT.			750	750	0.56								4.0			X															PERPENDICULAR TO STOP SIGN USE TOP MOUNTING BRACKET AS SHOWN ON E-160M R 1- 1 VD - 700 BACK TO BACK WITH STOP SIGN	E-143M E-138M	
			750	750	0.56								4.3			X																	
9+970, RT.			600	750	0.45								4.3			X																VR - 017	E-141M
9+998, RT.			750	750	0.56								4.0			X																R 1- 1 VD - 700 BACK TO BACK WITH STOP SIGN	E-143M E-138M
10+600, LT.			600	750	0.45								4.3			X																VR - 186	E-141M

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."											m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg					
											5.03		2						41.4		41.4																	
TOTALS											m ² 4.47	m ²	EA. 2	m ²		m							kg	EA.		kg	EA.	EA.	kg									

PROJECT: POWNAL-BENNINGTON PROJECT NO.: NH 2118(I)S

DESIGN FILE NAME: /pave/98bl68/pbl68.dgn
IPARM FILE NAME: pbl68+s09.f
SURVEYED BY: ACT, SJL, RAL
SQUAD LEADER: JAV

PLOT DATE: 17-JAN-2006 14
SURVEY DATE:
DRAWN BY: ACT
SHEET: 52 OF 65

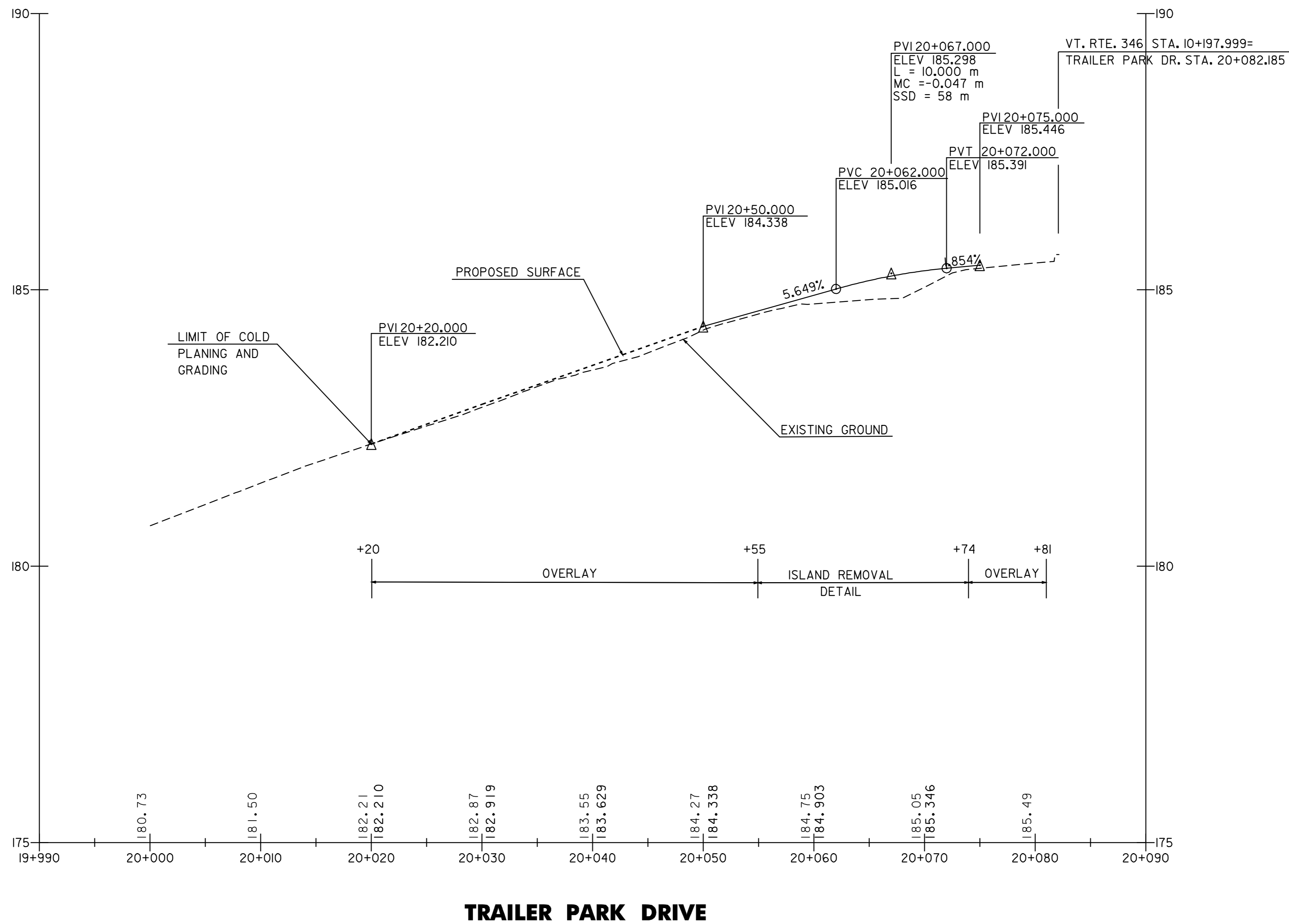
MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.I.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SFR		REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND-ATION	75	89	100	125	FTG. SIZE						WEIGHT	POST SIZE	
																									kg/m								kg/m
TOWN OF BENNINGTON I+726, LT.		I	750	750	0.56					I			X			X													R 1-1		E-143M		
I+739, LT.		I	750	750	0.56			I		I		X			X													USE TOP MOUNTING BRACKETS AS SHOWN ON E-160M R 1-1		E-143M			
		I	150	200	0.03																							VD - 700 BACK TO BACK WITH STOP SIGN		E-138M			
I+741, LT.		I	600	750	0.45					I		X			X													R 1-1		E-143M			
																												VR - 017 BACK TO BACK WITH STOP SIGN		E-141M			
I+746, LT.		I	750	750	0.56					I		X			X													R 1-1		E-143M			
I+758, LT.		I	750	750	0.56					I		X			X														VR - 017		E-141M		
I+788, LT.		I	1200	600	0.72					2		X			X													W 1-6		E-152M			
I+941, LT.		I	450	450	0.20			I		I		X			X													W 13-1		E-155M			
																												VD - 700		E-138M			
2+051, RT.		I	600	750	0.45					I		X			X													R 4-1		E-141M			
2+051, LT.		I	600	750	0.45					I		X			X													R 4-1		E-141M			
2+529, RT.		I	600	750	0.45					I		X			X													R 4-1		E-141M			
2+529, LT.		I	600	750	0.45					I		X			X													R 4-1		E-141M			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."	m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg		
						55.2			55.2															
	TOTALS	m ² 5.92	m ²	EA. 3	m ²		m 55.2			m 55.2				kg			EA.			kg			EA.	

PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68tsi3.1	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	SQUAD LEADER: JAV
SHEET: 56 OF 65	

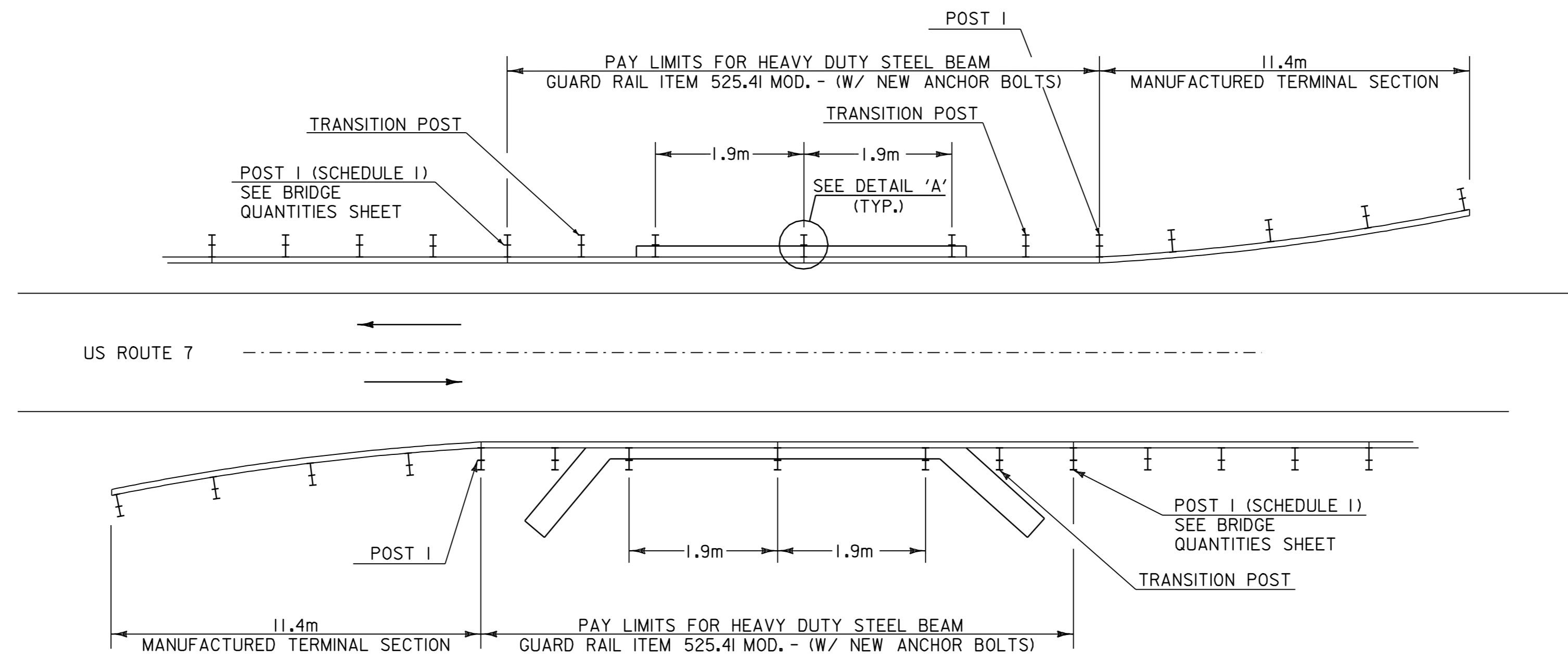
MILE MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW AND SALVAGED SIGNS				EXIST. POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV. SIGN	SALV. T.I.S.			FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL		SFR. REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.7	3.0	4.5	44	50	63	75	100	100 MOD.	FOUND-ACTION	75	89	100	125	FTG. SIZE					WEIGHT	POST SIZE	
														kg/m			kg/m				kg/m			600 mm	750 mm							
TOWN OF BENNINGTON 2+662, RT.		1	750	750	0.56					1			X															W 1- 2L	E-151M			
		1	450	450	0.20																							W 13- 1	E-155M			
2+885, RT.		1	1200	600	0.72					2			X															W 1- 6	E-152M			
		1	150	200	0.03																							VD - 700	E-138M			
3+041, RT.		1	600	750	0.45					1			X															R 2- 5A	E-142M			
3+098, LT.		1	600	750	0.45					1			X															R 4-1	E-141M			
3+156, LT.		1	600	750	0.45					1			X															R 2-1	E-142M			
3+163, RT.		1	600	750	0.45					1			X															R 2-1	E-142M			
3+294, RT.		1	600	750	0.45					1			X															R 2- 5A	E-142M			
3+338, RT.		1	750	750	0.56					1			X															VW - 133	E-154M			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC AND SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."		m ²	m ²	EA.	m ²		m	m	m	m	m	m	EA	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
							41.4	41.4	23.0															DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14	
							41.4	41.4	23.0	EA.	kg	EA.	EA.	kg	EA.	EA.	kg							IPARM FILE NAME: pbl68tsl4.1	SURVEY DATE:	
																								SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT	
																								SQUAD LEADER: JAV	SHEET: 57 OF 65	
TOTALS		m ² 4.32	m ²	EA.	m ²		m 41.4	m 41.4	kg 23.0	EA.	kg	EA.	EA.	kg	EA.	EA.	kg									



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PROFILE #1	PROJECT: POWNAL-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68pr01.l	SURVEY DATE:
	SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
	SQUAD LEADER: JAV	SHEET: 59 OF 65

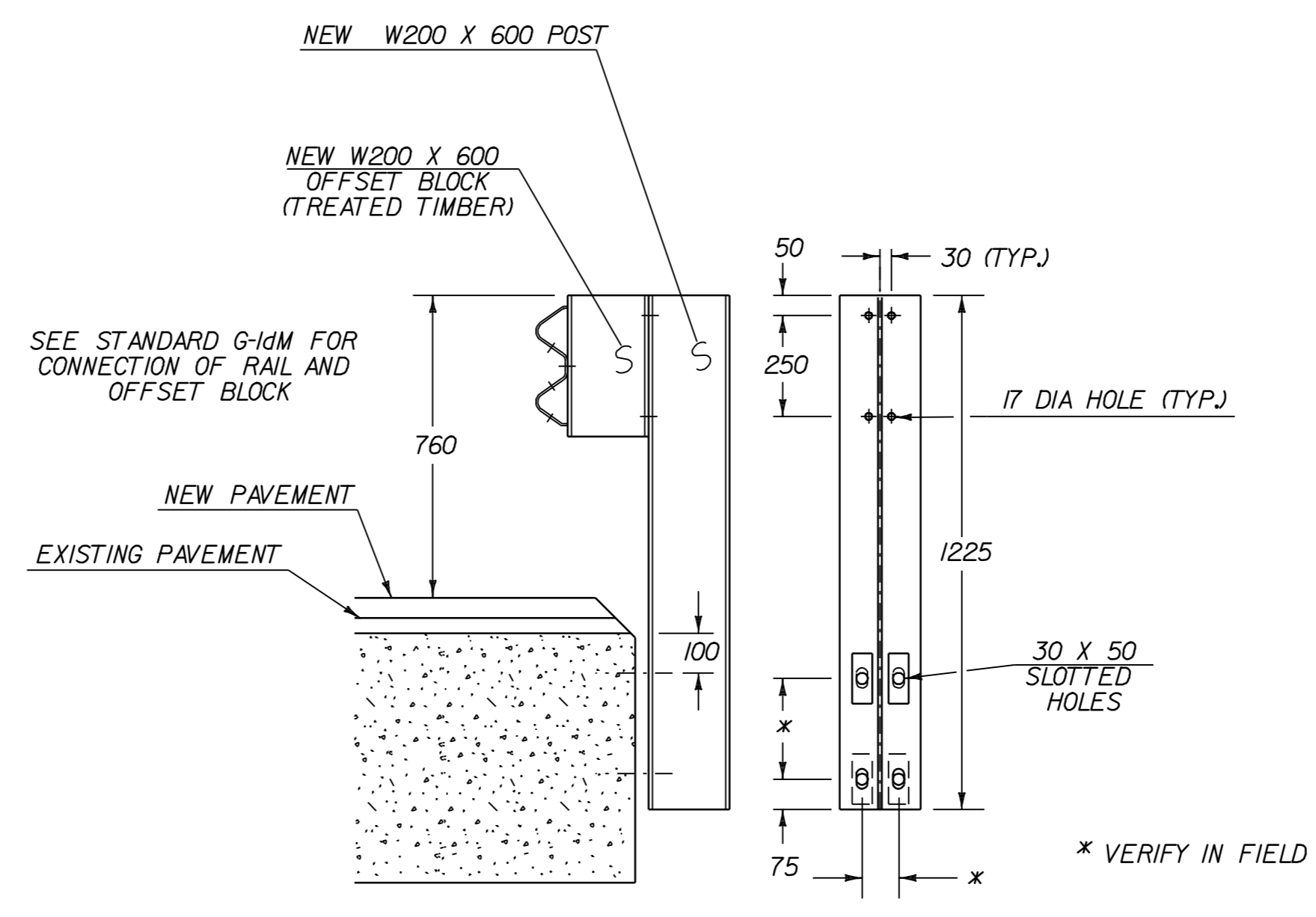
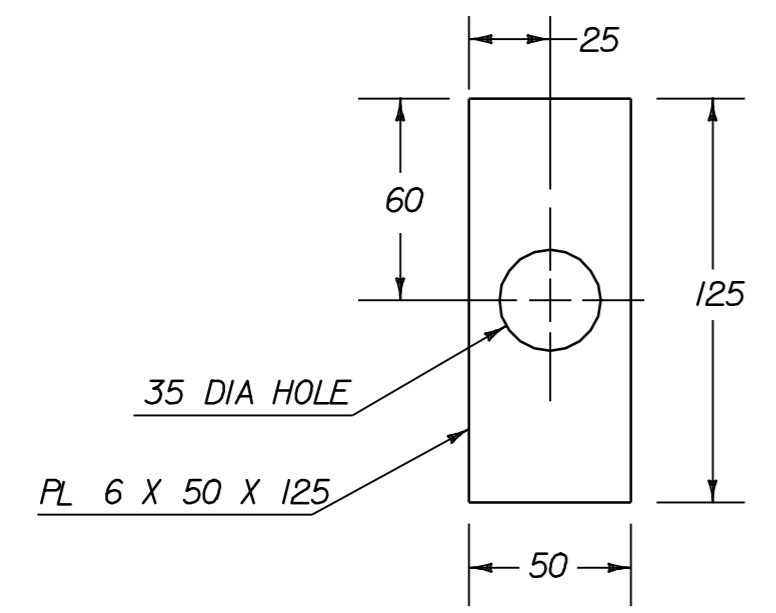
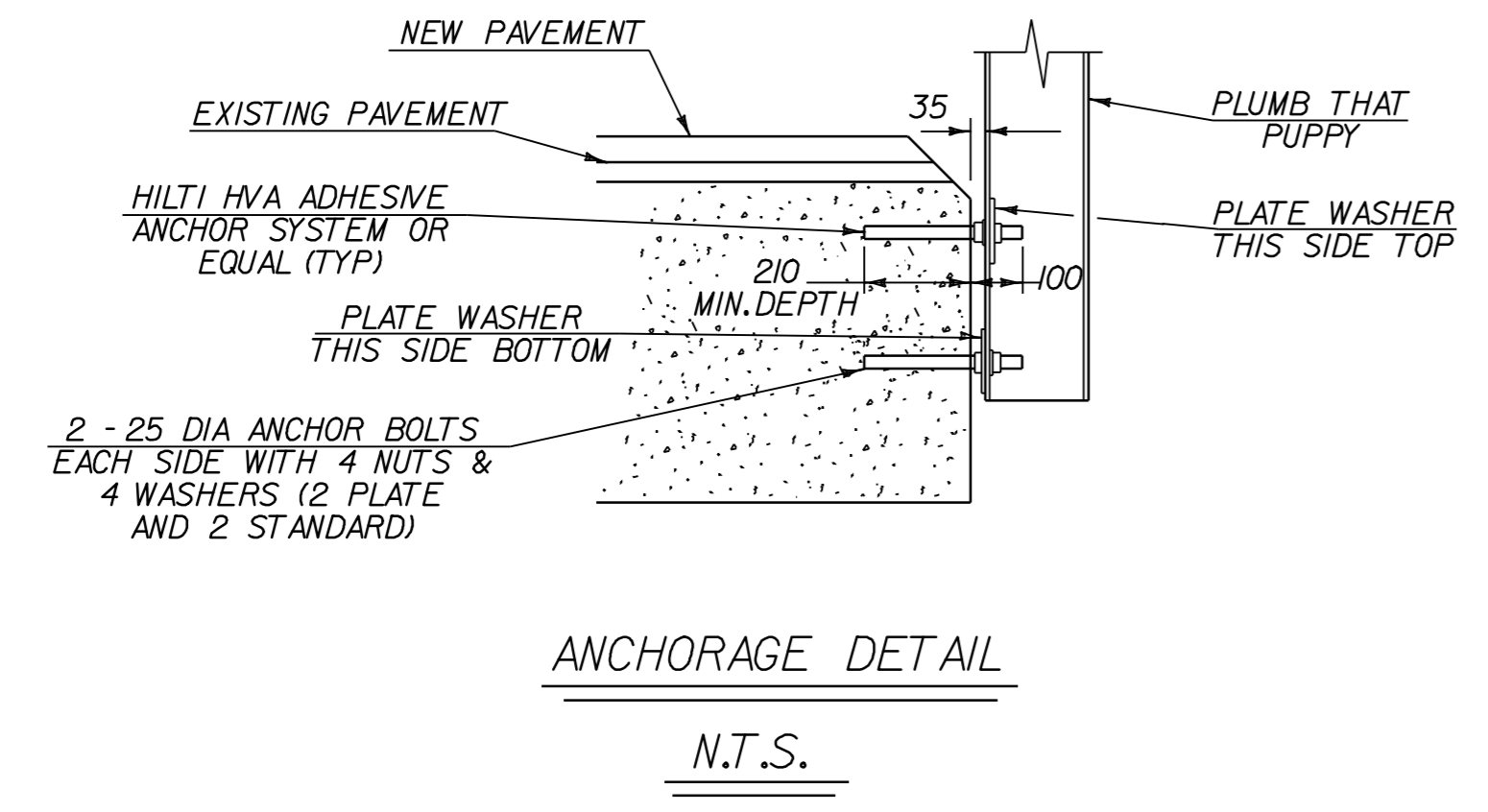


BRIDGE 8

US ROUTE 7 POWNAL STA. 12+704 (MM 7.89)

BR 8 POWNAL US. ROUTE 7 MM 7.89 = STA. 12+704.00

NOT TO SCALE



NOTES

1. ANCHOR BOLTS SHALL BE ASTM F 568 M CL.4,6,25 mm DIAMETER BY 350 mm IN LENGTH WITH A MINIMUM THREAD LENGTH OF 100 mm.
2. ANCHOR BOLTS SHALL HAVE 215 mm MINIMUM DEPTH OF EMBEDMENT INTO THE EXISTING CONCRETE AND SHALL BE CAPABLE OF ULTIMATE TENSILE STRENGTH = 133 kn MINIMUM. DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
3. INSTALLATION OF NEW ANCHOR BOLTS AND POSTS SHALL BE INCIDENTAL TO THE BRIDGE RAIL ITEM.
4. POSTS, BRACKETS AND PLATE WASHERS SHALL BE ASTM A36 STEEL GALVANIZED PER AASHTO M III/M III.
5. ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM 153 (AASHTO M232) AND SHALL CONFORM TO VT SPECIFICATION 714 UNLESS OTHERWISE NOTED.
6. EXISTING BRIDGE RAILING SHALL NOT BE REMOVED UNTIL THE NEW BRIDGE RAILING AND ALL NECESSARY ACCESSORIES ARE ON THE PROJECT. ONLY ONE SIDE OF EACH BRIDGE SHALL BE WORKED ON AT A TIME.

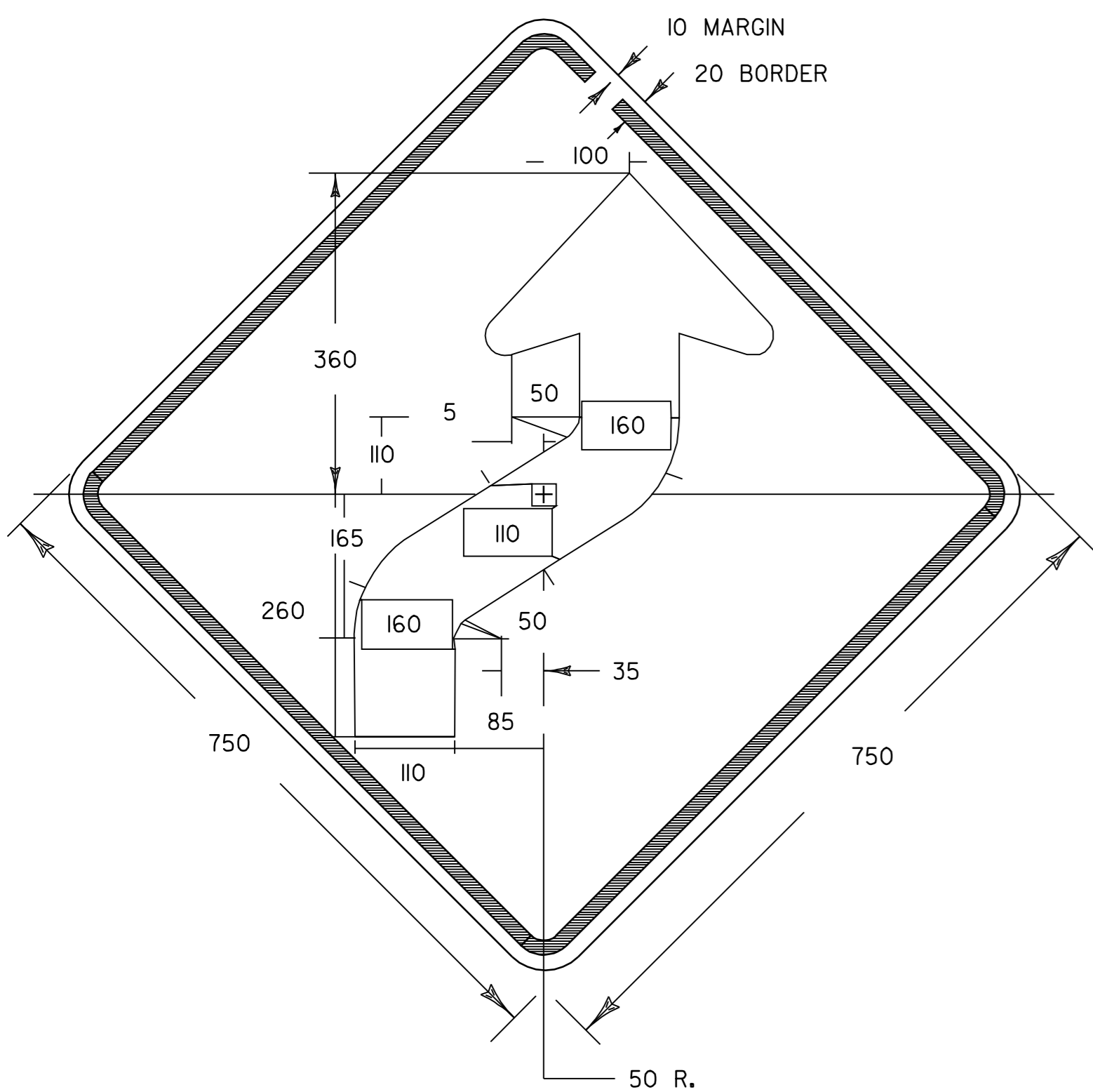
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAILS

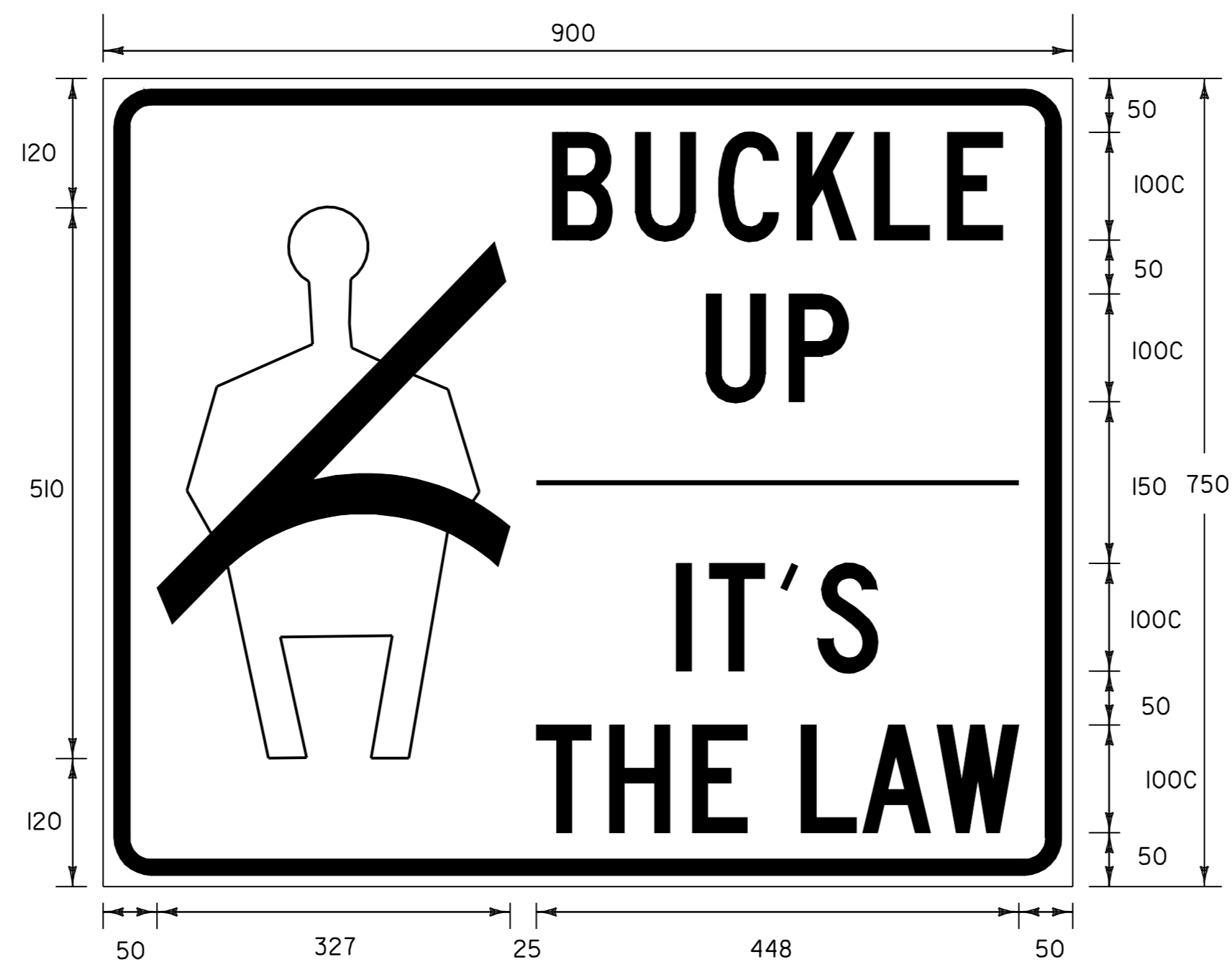
PROJECT:	POWNAL-BENNINGTON	PROJECT NO.:	NH 2118(I)S
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DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68bd01.l	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	60 OF 65



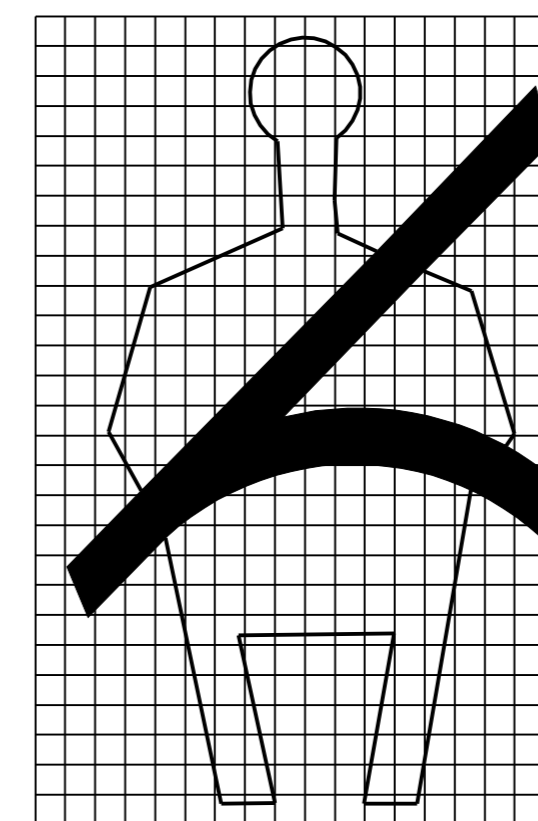
COLORS:
WI-4R
TEXT AND BORDER - BLACK (NON-REFLECTIVE)
BACKGROUND - YELLOW (REFLECTIVE)

MATERIALS:
SEE STANDARD SHEET NO. E-I55M



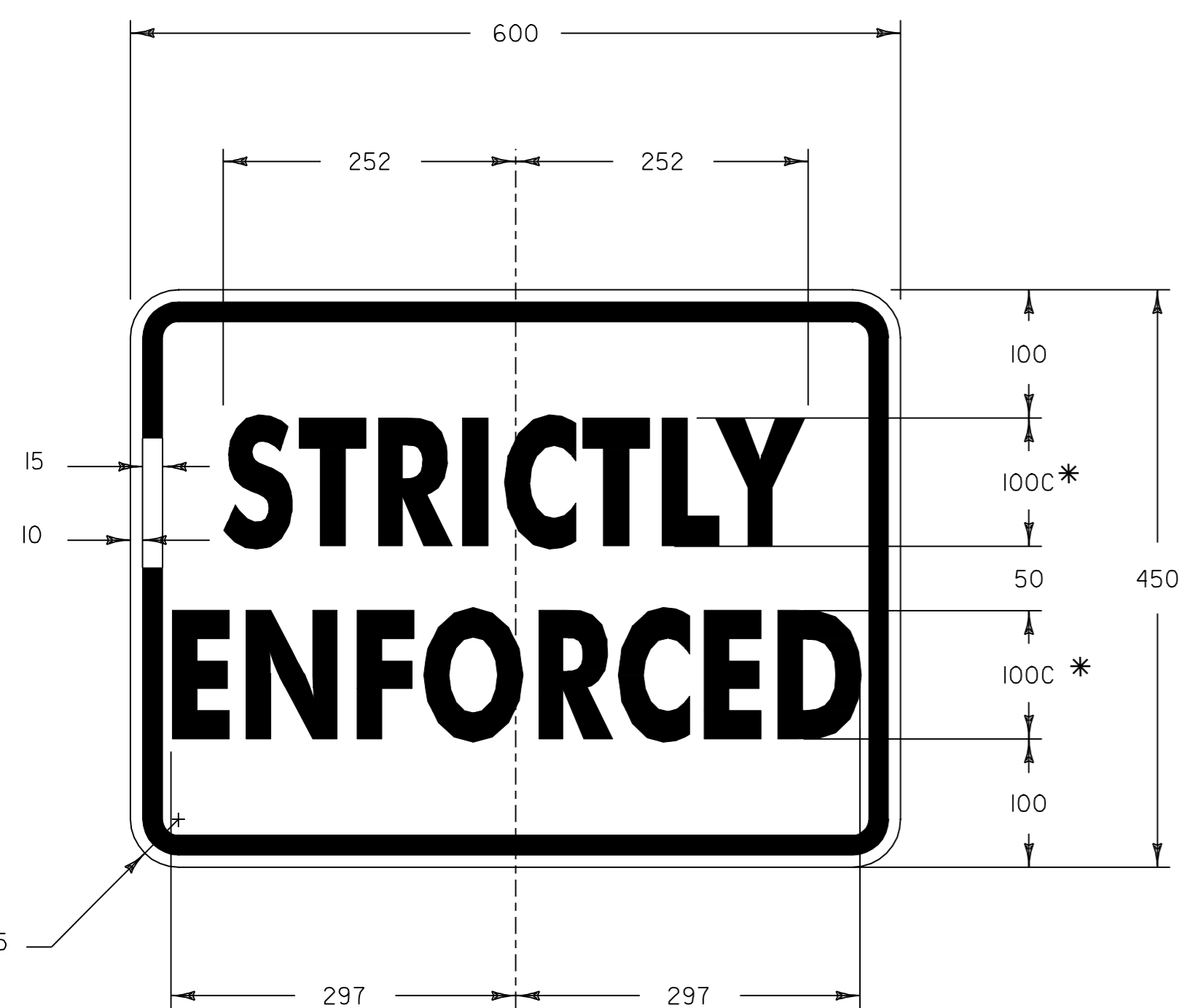
COLORS:
TEXT AND BORDER - BLACK (NON-REFLECTIVE)
BACKGROUND - WHITE (REFLECTIVE)

MATERIALS:
SEE STANDARD SHEET NO. E-I55M



LETTER SPACINGS													
417	B	77	U	77	C	73	K	72	L	68	E	51	65
560	U	77	P	55	208								
532	I	31	T	51	50	S	55	181					
402	T	68	H	77	51	E	50	57	L	69	A	76	50

TEXT LAYOUT DIMENSIONS ARE BASED ON THE "LETTER & NUMERAL WIDTHS AND SPACE" TABLES FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOKLET. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC AND SAFETY DIVISION BEFORE FABRICATION.



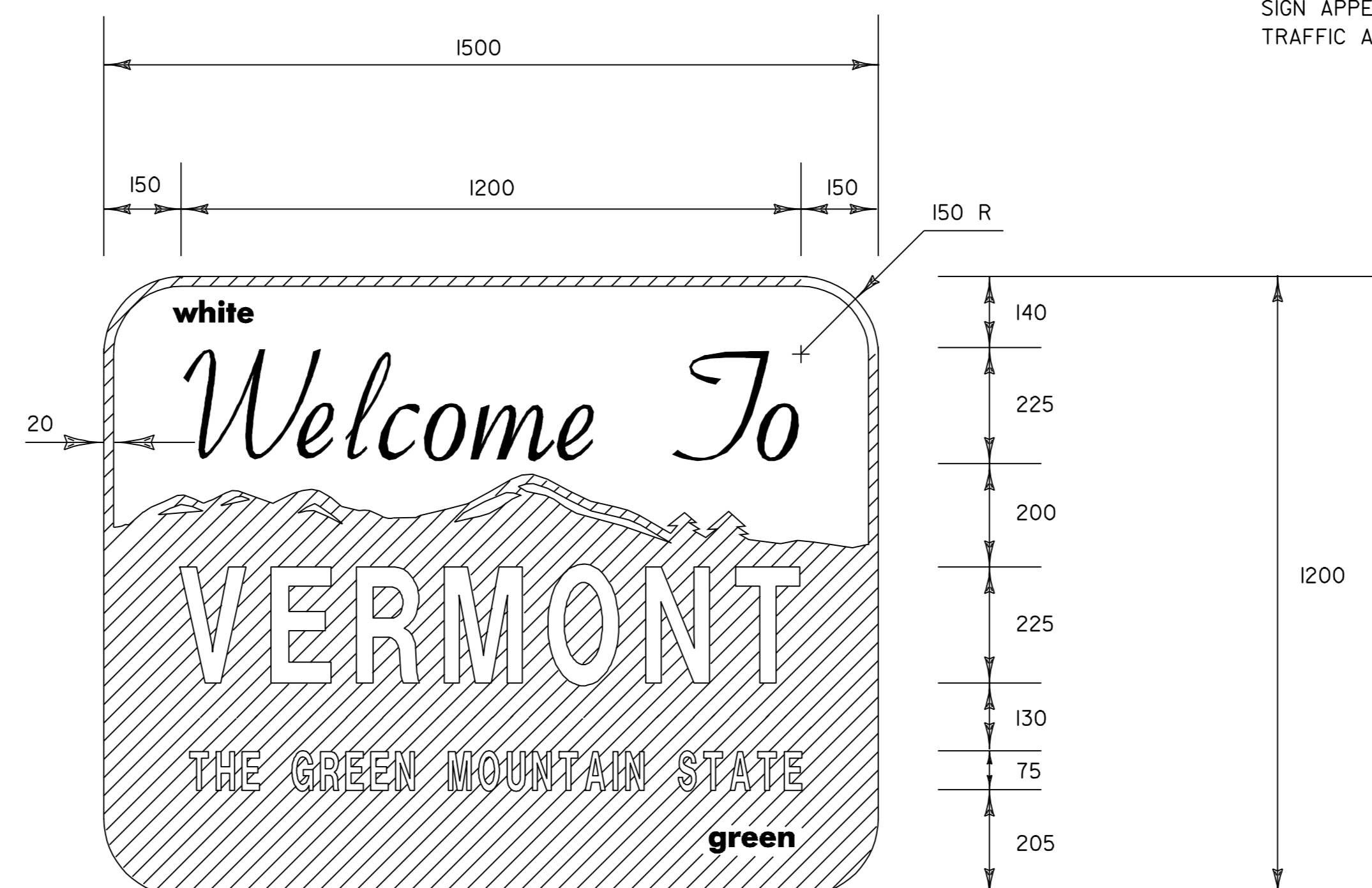
VR-655P

* REDUCE SPACING

COLORS:
TEXT AND BORDER - BLACK (NON-REFLECTIVE)
BACKGROUND - WHITE (REFLECTIVE)

MATERIALS:
SEE STANDARD SHEET NO. E-I44M

DATUM
VERTICAL N/A
HORIZONTAL N/A



NOTE:
FOR THE WORDS "WELCOME TO" USE GERBER FONT MURRAY HILL BOLD OR EQUIVALENT. TEXT COLOR IS GREEN. ALL OTHER TEXT USE GERBER FONT SOUVENIR DEMIBOLD OR EQUIVALENT. TEXT COLOR IS WHITE. REFER TO STD. E-I31M FOR COLORS.

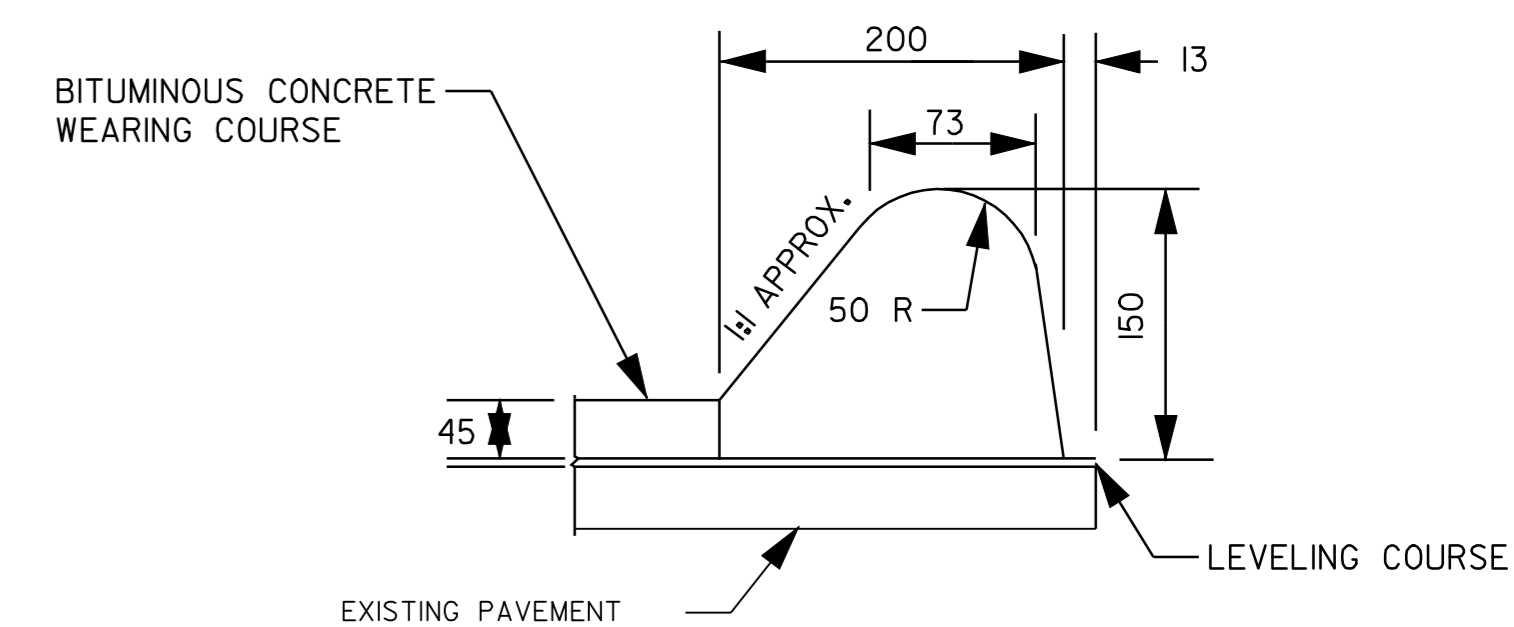
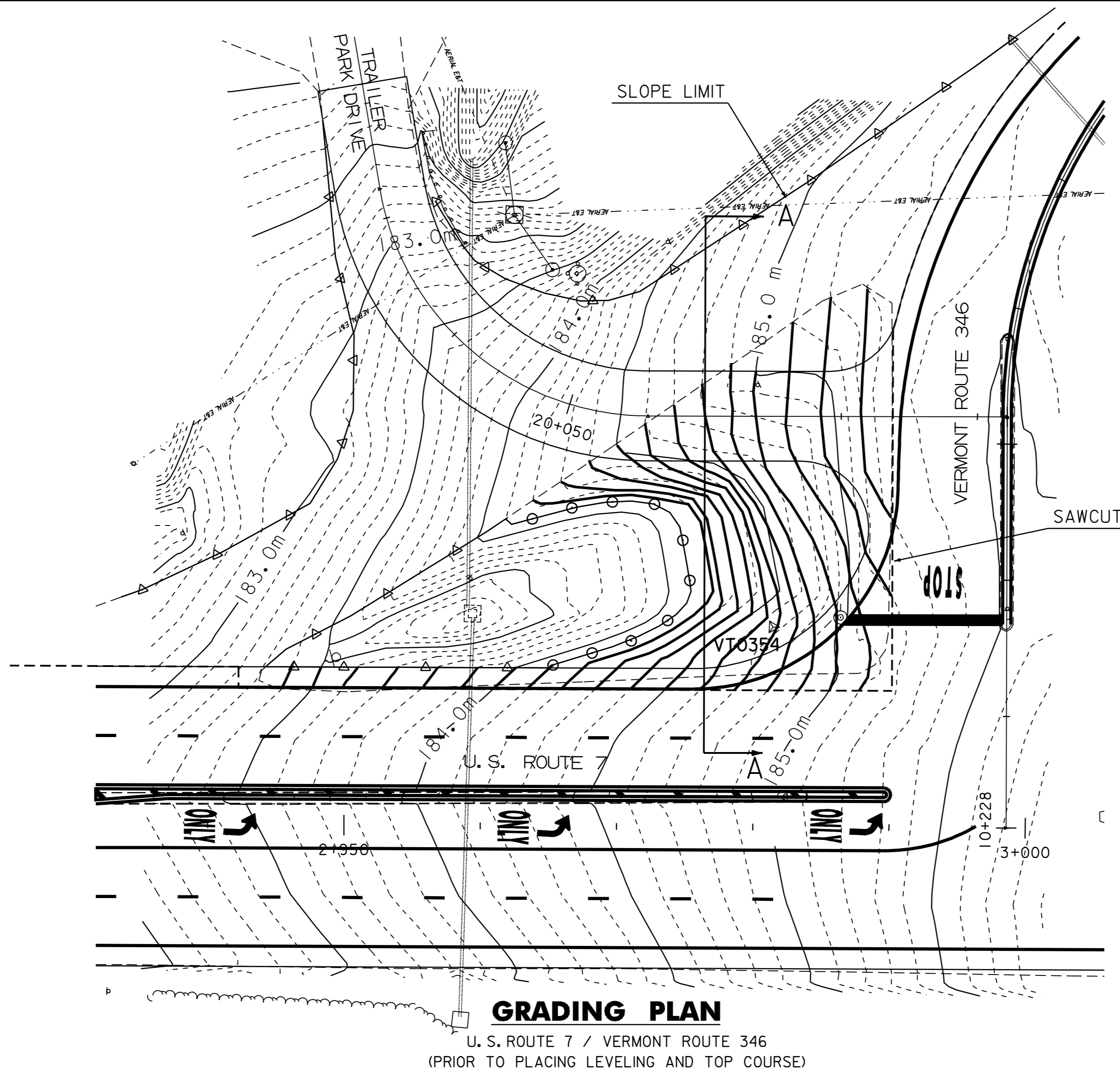
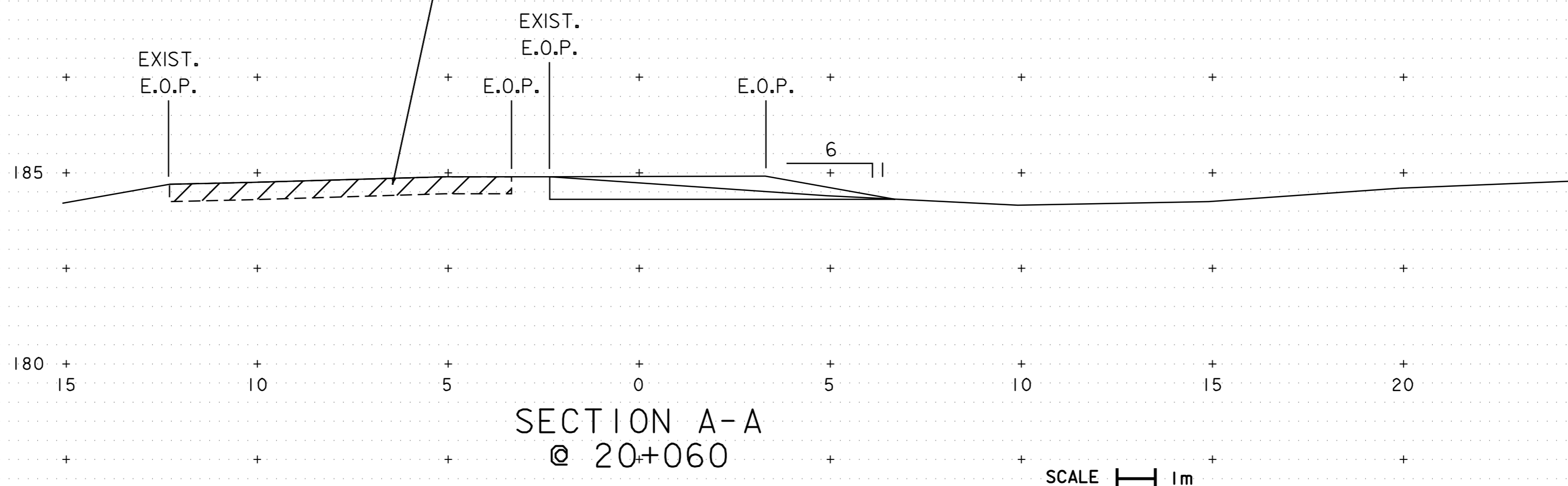
MATERIALS:
THE SIGN BASE MATERIALS USED FOR THIS SIGN MAY BE ANY OF THE FOLLOWING OF THE MINIMUM THICKNESS NOTED.
FLAT SHEET ALUMINUM 2.5mm
HIGH DENSITY OVERLAID PLYWOOD 16mm



MISCELLANEOUS DETAILS #2

PROJECT: POWNAI-BENNINGTON	PROJECT NO. : NH 2118(I)S
DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
IPARM FILE NAME: pbl68md02	SURVEY DATE:
SURVEYED BY: ACT, SJL, RAL	DRAWN BY: ACT
SQUAD LEADER: JAV	SHEET: 63 OF 65

REMOVE 450mm EXISTING PAVEMENT
AND AGGREGATE MATERIAL AND REPLACE
WITH EARTH BORROW, TOPSOIL, AND SEED



DETAIL FOR BITUMINOUS CONCRETE CURB TYPE B
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**MISCELLANEOUS
DETAILS
#3**

PROJECT:	POWNAI-BENNINGTON	PROJECT NO.:	NH 2118(I)S
DESIGN FILE NAME:	/pave/98bl68/pbl68.dgn	PLOT DATE:	17-JAN-2006 14
IPARM FILE NAME:	pbl68md03.l	SURVEY DATE:	
SURVEYED BY:	ACT, SJL, RAL	DRAWN BY:	ACT
SQUAD LEADER:	JAV	SHEET:	64 OF 65