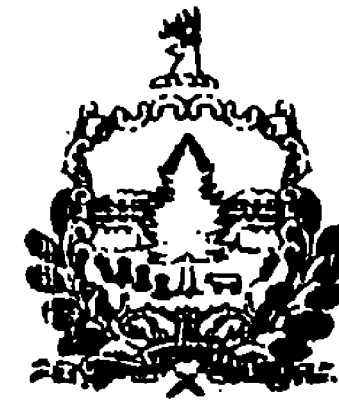


INDEX OF SHEETS
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STATE OF VERMONT
AGENCY OF TRANSPORTATION



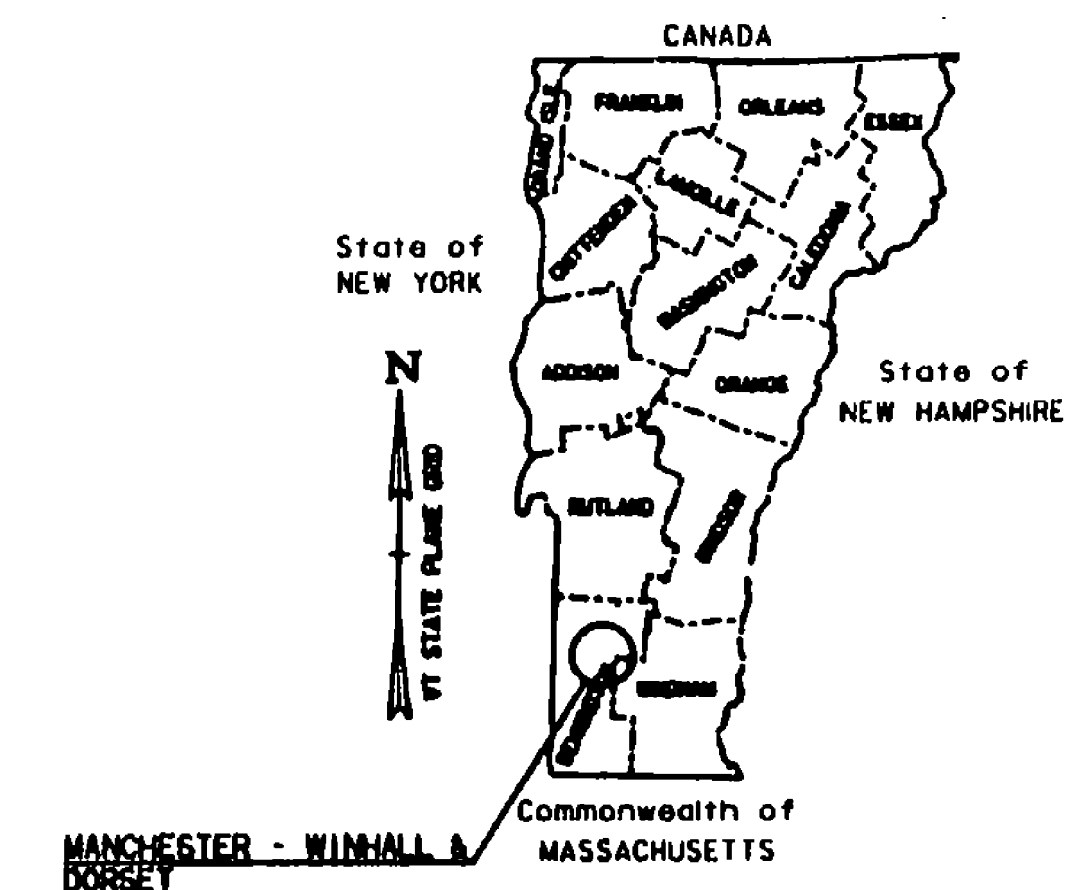
PROPOSED IMPROVEMENT
TOWNS OF MANCHESTER, WINHALL AND DORSET
COUNTY OF BENNINGTON
VT.ROUTE 11/VT.ROUTE 30

CONTRACT PLANS

THESE PLANS DO NOT REFLECT
CHANGES MADE ON THE PROJECT.

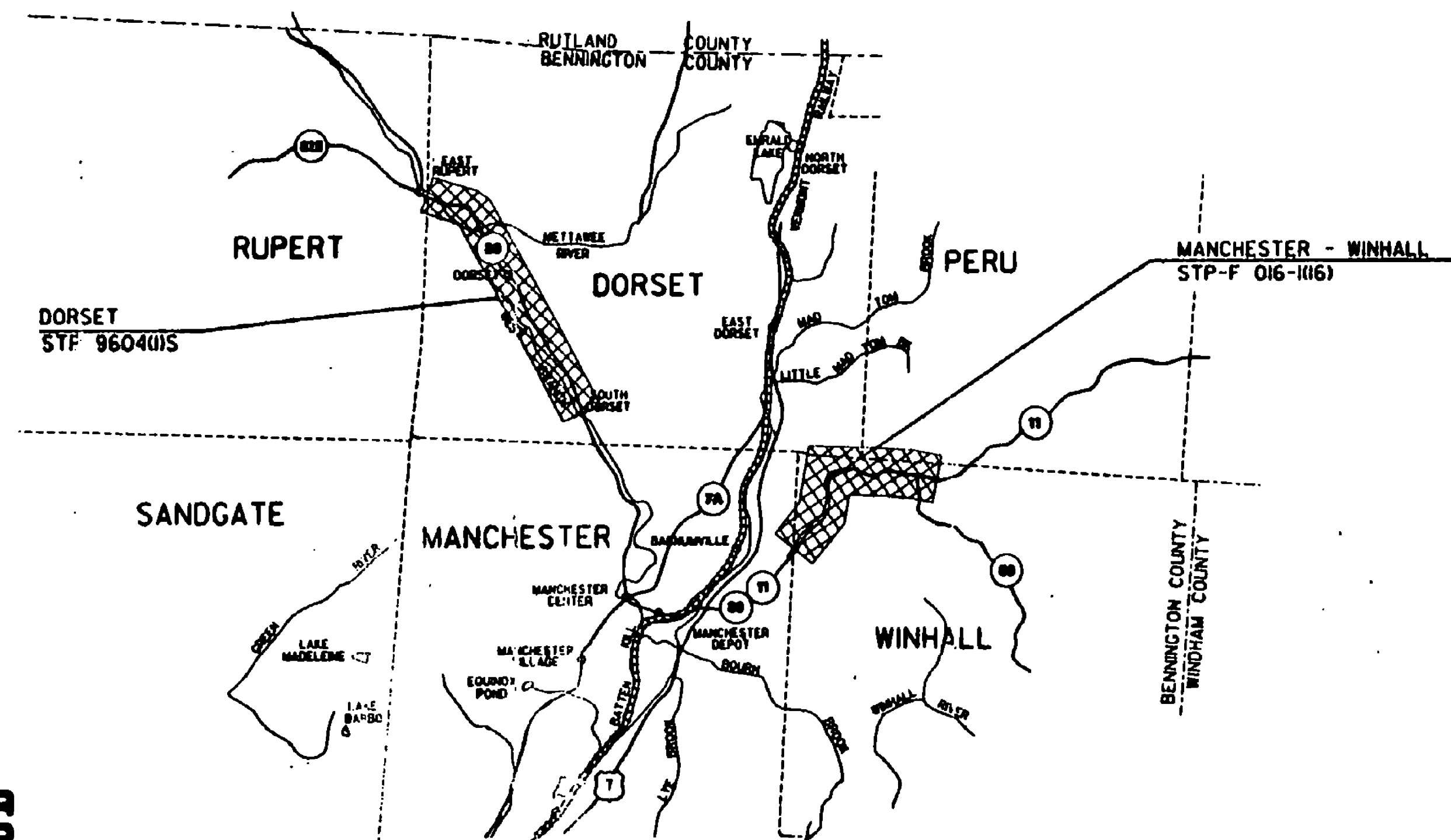
MANCHESTER - WINHALL
STP-F 016-1(16)
VT.ROUTE 11
SEE SHEET 6 OF 43

DORSET
STP 9604(1)S
VT.ROUTE 30
SEE SHEET 26 OF 43



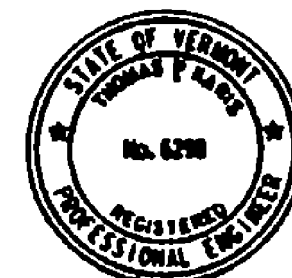
MAR 11 1998

Date _____
Pike Industries, Inc.
Contractor
Jim Smalley
Signature
Contracts Administrator
William J. Conway
Director of Administration and Duty
Authorized Agent



UNLESS OTHERWISE NOTED, ALL DRAWINGS AND
DETAILS OF THE PROJECT PLANS ARE NOT TO
SCALE
RIGHT OF WAY LIMITS, IF APPLICABLE, ARE
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THE STATE AND ITS CONTRACTOR DURING
THE COURSE OF THIS PAVING PROJECT. ANY
REFERENCES TO OFFSETS ON THESE PLANS ARE
APPROXIMATE AND SHOULD NOT BE RELIED UPON
FOR ANY OTHER PURPOSES

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



PLANS PREPARED BY

CHA CLOUGH, HARBOUR
& ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
111 WINNERS CIRCLE ALBANY, NEW YORK, 12208

BY *Thomas P. Kari*

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

Metric

APPROVED *Scott M. O'Brien* DATE *11/19/97*
DIRECTOR OF CONSTRUCTION AND MAINTENANCE
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED _____ DATE _____
DIVISION ADMINISTRATOR
PROJECT MANCHESTER - WINHALL &
DORSET
SHEET 1 OF 43 SHEETS

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2	COMPOSITE INDEX OF SHEETS
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DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

INDEX OF SHEETS	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.M.C.	DATE	11/97
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pove/89b016/pb016.dgn		
	IPARM FILE	pb016n1	DATE PLOTTED	20-JAN-1998
	PROJ. NAME	MANCHESTER - WINHALL & DORSET		
	PROJ. NO.	STP-F 016-111(6) & STP 9604105		
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Metric

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/page/89b016/pb016.dan pb016cqs.1 PLOTTED 20-JUN-1999

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STATE OF VERMONT AGENCY OF TRANSPORTATION

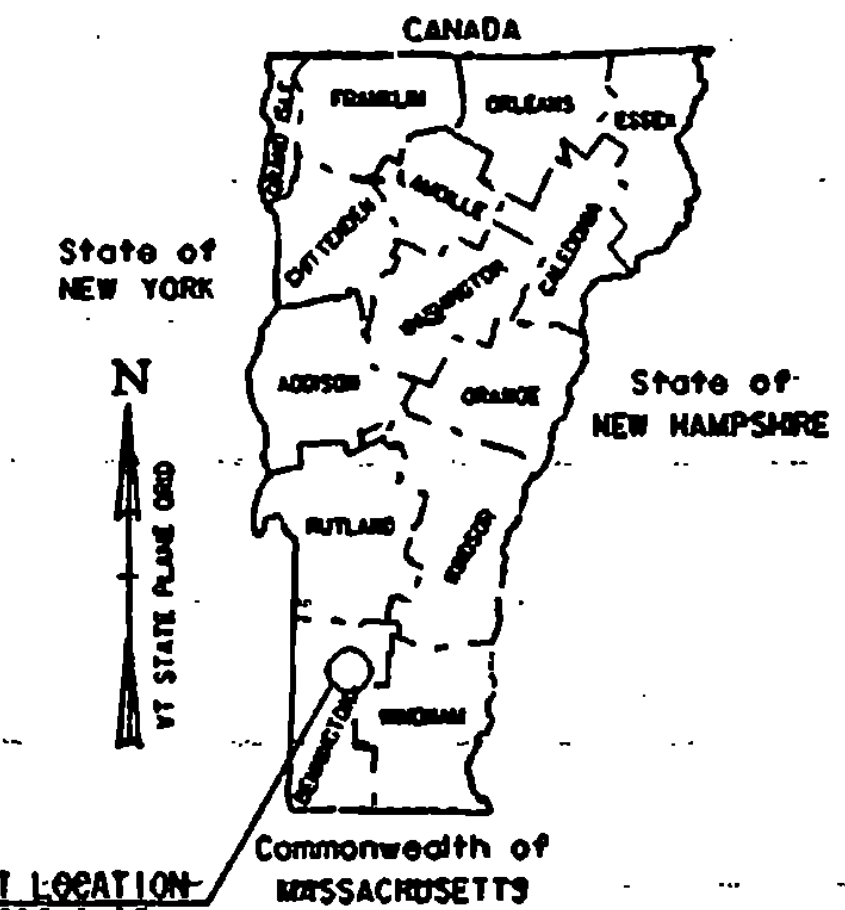


PROPOSED IMPROVEMENT TOWNS OF MANCHESTER AND WINHALL COUNTY OF BENNINGTON VT. ROUTE 11

BEGINNING IN MANCHESTER AT A POINT 4910.109 m EAST OF MANCHESTER CENTER
AT MILEMARKER 3.051 = STA. 4+910.109 AND EXTENDING EASTERLY ALONG VT. ROUTE 11 FOR A
DISTANCE OF 5711.561 m (3,549 MILES) TO A POINT IN WINHALL AT MILEMARKER 3.355 = STA. 5+399.349

LENGTH OF ROADWAY 5711.561 m (3,549 MILES)
LENGTH OF PROJECT 5711.561 m (3,549 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD MIXED RECYCLING, EXCAVATION
OF SURFACES AND PAVEMENTS, COLD PLANING, RESURFACING OF THE EXISTING HIGHWAY WITH A
SHIM / LEVELING COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, DRAINAGE
IMPROVEMENTS, GUARDRAIL IMPROVEMENTS, SAFETY IMPROVEMENTS AND INCIDENTAL ITEMS.



PROJECT LOCATION
STP-F 016-1116

TRAFFIC DATA

VT. ROUTE 11 (MM 3.051 TO WINHALL STATE HIGHWAY)

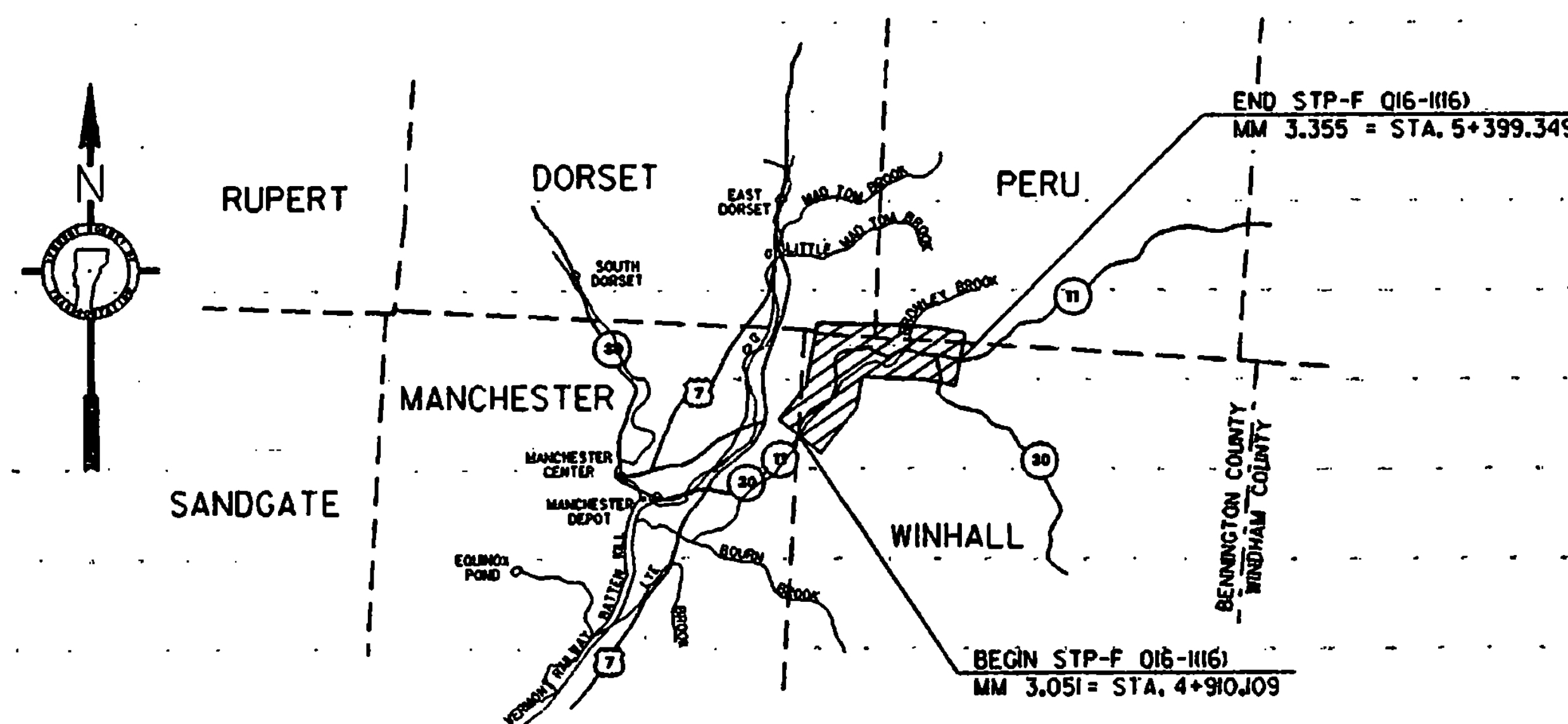
1998 ADT = 7480
1998 DHV = 1355
2008 ADT = 8900
2008 DHV = 1610

1998 ~ 2008 CUM. ESALS = 1,523,000

VT. ROUTE 11 (WINHALL STATE HIGHWAY TO MM 3.283)

1998 ADT = 6510
1998 DHV = 1180
2008 ADT = 7740
2008 DHV = 1400

1998 ~ 2008 CUM. ESALS = 1,325,000



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CONVENTIONAL SIGNS

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

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Metric

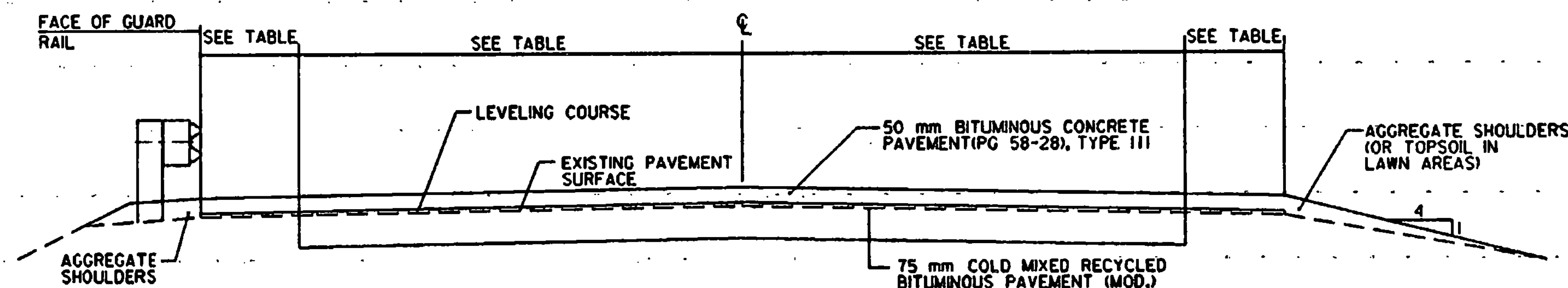
APPROVED	DATE
DIRECTOR OF CONSTRUCTION AND MAINTENANCE	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	
PROJECT MANCHESTER - WINHALL STP-F 016-1116	
SHEET 6 OF 43 SHEETS	

1/pave/88b06/pb016.dgn pb016.plt PLOTTED: 20 JAN 1998



NOTES

1. THE WEARING COURSE SHALL BE TYPE III BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
2. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT 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).
3. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4 m POSTS SHALL BE USED.
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES, ON ALL RECYCLED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.07 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ALL LIQUID BINDER USED IN COLD MIXED RECYCLED BITUMINOUS PAVEMENT, AS DIRECTED BY THE RESIDENT ENGINEER, SHALL BE PAID FOR AS EMULSIFIED ASPHALT (MOD.).
EMULSIFIED ASPHALT (MOD.) HAS BEEN ESTIMATED AT THE RATE OF 3.6 L/m² TO BE USED IN 75 mm COLD MIXED RECYCLED BITUMINOUS PAVEMENT.
6. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
7. ALL DRIVEWAYS, AND MAILBOX PULL-OUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER.
8. ITEM 604.40, 604.412 & 604.415 IS AN ESTIMATED QUANTITY AND SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
9. ALL TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH ITEM 402.12, AGGREGATE SHOULDERS, AS DIRECTED BY THE RESIDENT ENGINEER.
10. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING MELT FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m³ OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.



COLD MIXED RECYCLED BITUMINOUS PAVEMENT

VT. ROUTE II MANCHESTER STA. 4+910.109 TO MANCHESTER STA. 5+030.409
VT. ROUTE II MANCHESTER STA. 5+051.709 TO MANCHESTER STA. 5+222.321
VT. ROUTE II WINHALL STA. 0+000.000 TO WINHALL STA. 5+399.349

CONSERVATION SEED MIX

		RURAL AREA - SEED MIXTURE		PUR. %	GERM. %
WT.	kg/ha.	NAME			
37.14	26.0	CREeping RED FESCUE	98	85	
37.14	26.0	TALL FESCUE	95	90	
5.71	4.0	RED TOP	95	90	
14.30	10.0	BIRDSFOOT TREFOIL	98	85	
5.71	4.0	ANNUAL RYEGRASS	95	85	
100.0	70.0				

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

SEED:
TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE RESIDENT 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 4500 kg/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

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

MARKER POSTS:
TO BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT PAVING LIMITS

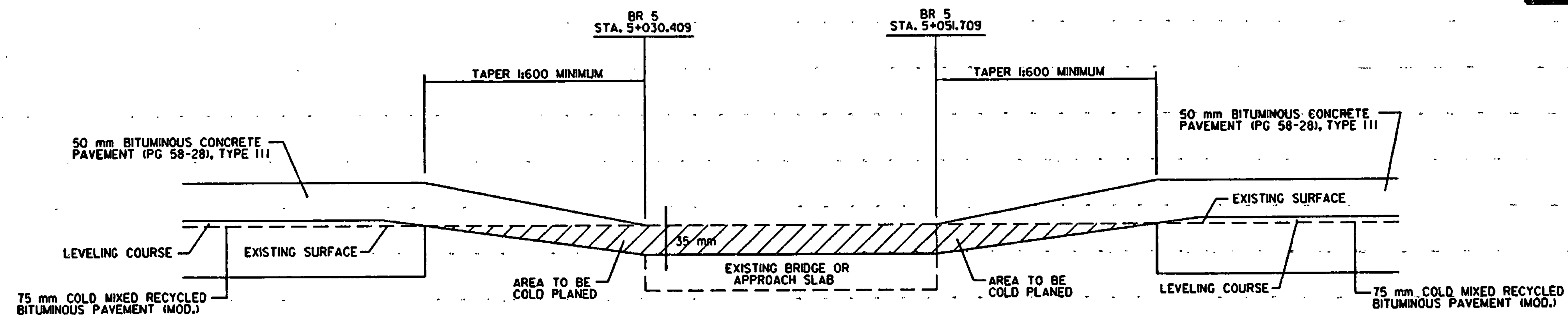
TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING	NOTES
MANCHESTER VT. ROUTE II	4+910.109	5+030.409	VARIES - SEE LAYOUT SHEETS	50 mm	35	
MANCHESTER VT. ROUTE II	5+030.409	5+051.709	2.8 m-3.6 m-3.6 m-2.7 m	35 mm	-	BR 5 - COLD PLANE 35 mm AND PAVE 35 mm TYPE III
MANCHESTER VT. ROUTE II	5+051.709	5+222.321	VARIES - SEE LAYOUT SHEETS	50 mm	52	
WINHALL VT. ROUTE II	0+000.000	0+975.000	0.6 m-3.6 m-3.6 m-0.6 m	50 mm	292	
WINHALL VT. ROUTE II	0+975.000	1+303.000	VARIES - SEE LAYOUT SHEETS	50 mm	170	
WINHALL VT. ROUTE II	1+303.000	2+713.000	VARIES -3.6 m-3.6 m-3.6 m-VARIES	50 mm	631	
WINHALL VT. ROUTE II	2+713.000	4+340.000	1.0 m-3.6 m-3.6 m-3.6 m-1.0 m	50 mm	741	
WINHALL VT. ROUTE II	4+340.000	5+011.600	0.6 m-3.6 m-3.6 m-3.6 m-0.6 m	50 mm	287	
WINHALL VT. ROUTE II	5+011.600	5+399.349	VARIES - SEE LAYOUT SHEETS	50 mm	196	

DATUM

VERTICAL N/A
HORIZONTAL N/A

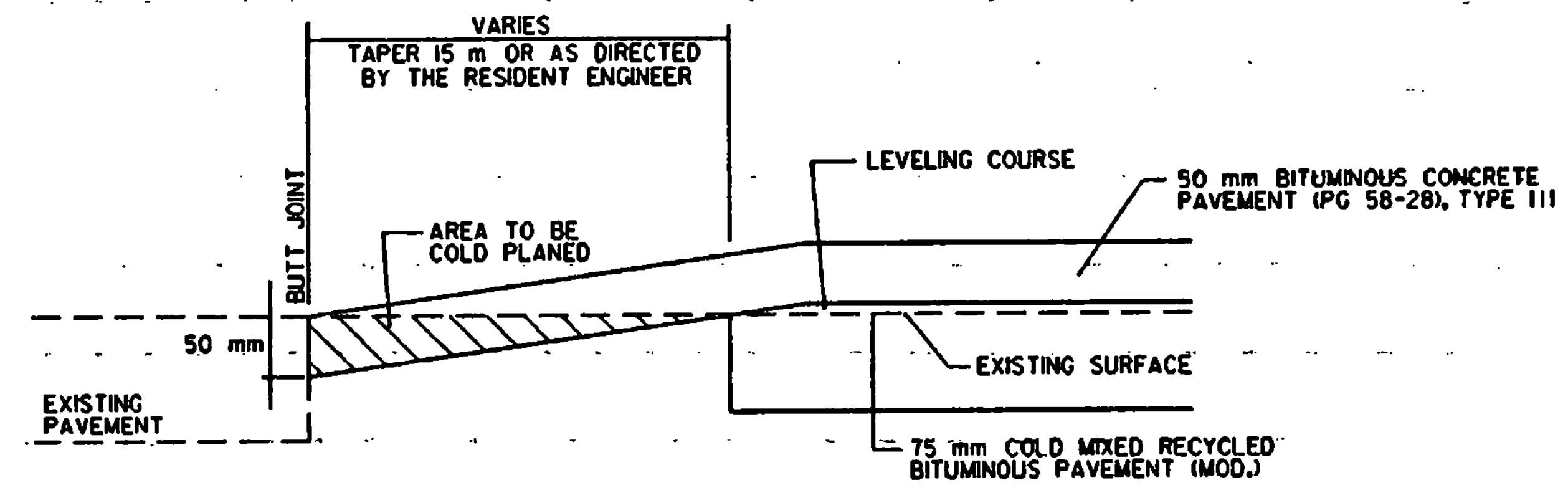
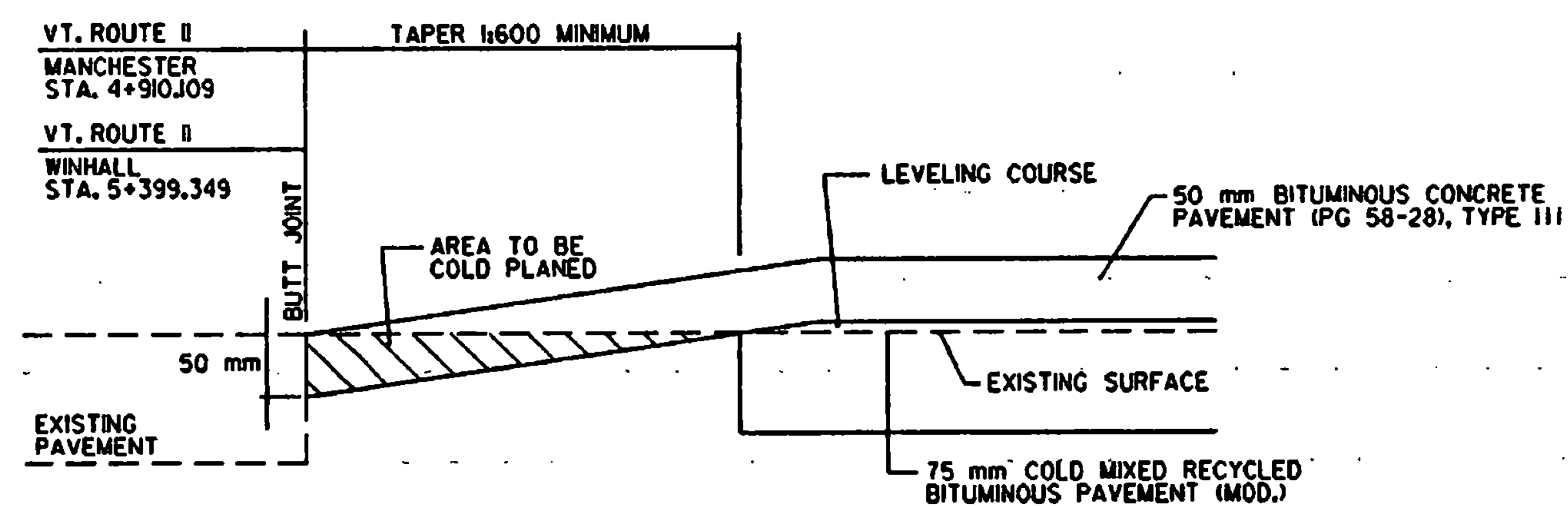
PROJECT TYPICAL SHEET

SURVEYED BY N/A DATE N/A
DRAWN BY C.M.C. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/89b016/pb016.dgn
IPARM FILE pb016.tvl DATE PLOTTED 20-MAR-1998
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-016-KIG
SHEET 7 OF 43 SHEETS



TRANSITION AREA DETAIL

BR 5
VT. ROUTE II MANCHESTER STA. 5+030.409 TO MANCHESTER STA. 5+051.709



APPROACH AREA DETAIL

VT. ROUTE II MANCHESTER STA. 4+910.109 - BEGIN OVERLAY
VT. ROUTE II WINHALL STA. 5+399.349 - END OVERLAY

WINHALL STATE HIGHWAY
VT. ROUTE 30

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING DETAILS SHEET

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.M.C.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/89b016/pb016.dgn		
IPARM FILE	pb016.dgn	DATE PLOTTED	22-JAN-1998
PROJ. NAME	MANCHESTER - WINHALL		
PROJ. NO.	STP-F 018-K16		
SHEET	8 OF 43	SHEETS	

QUANTITY SHEET



DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
COLD PLANING - BITUMINOUS PAVEMENT		
1279	m ²	VT. ROUTE 11
665	m ²	SIDE ROADS
56	m ²	ROUNDING
2000	m ²	TOTAL
BITUMINOUS CONCRETE PAVEMENT (PG 58-28)		
2804	t	LEVELING COURSE (TYPE IV)
7954	t	WEARING COURSE (TYPE III)
107	t	SIDE ROADS
336	t	DRIVES & PARKING AREAS
299	t	ROUNDING
11100	t	TOTAL
COLD RECYCLED BITUMINOUS PAVEMENT		
54303	m ²	VT. ROUTE 11
1697	m ²	ROUNDING
56000	m ²	TOTAL

[illegible][illegible]

ITEM DETAIL SUMMARY SHEET



LOCATION			GUARD RAIL											DRAINAGE				REMARKS	
STATION	STATION	POS.	616.35	616.41	621.21	621.20 (TYPE IV)		621.20 (TYPE IV)	621.54	621.54 (TYPE IV)	621.60	621.77	621.80	621.81	NEW PIPE				
			TREATED TIMBER CURB m	REMOVE EXISTING CURB m	STEEL POST G.R. m	WOOD POST G.R. m	STEEL POST G.R. m	2.4 m WOOD POST G.R. (MOD.) m	WOOD POST M.E.L.T. EA	WOOD POST M.E.L.T. EA	ANCHOR FOR G.R. EA	REPLACE G.R. BEAM UNIT EA	REMOVE & DISP. G.R. m	REMOVE & DISP. G.P. EA	DIA.	LENGTH	TH/CL OF PIPE		STONE FILL/ TYPE
MANCHESTER																			
5+025.0	5+047.8	RT			22.8				2				23.5						BR 5 MOUNT PROPOSED GUARDRAIL AND OFFSET BLOCK TO EXISTING SURFACE MOUNTED STEEL BRIDGE POSTS INSTALL NEW MELT AT STA. 5+025.0 & STA. 5+047.8
5+034.8	5+057.6	LT			22.8				2				21.9						BR 5 MOUNT PROPOSED GUARDRAIL AND OFFSET BLOCK TO EXISTING SURFACE MOUNTED STEEL BRIDGE POSTS INSTALL NEW MELT AT STA. 5+034.8 & STA. 5+057.6
WINHALL																			
0+162.2	0+401.6	LT							239.4				261						INSTALL NEW MELT AT STA. 0+162.2 & STA. 0+401.6
0+555.9	0+669.5	LT							113.6				67.7	3					INSTALL NEW MELT AT STA. 0+555.9 & STA. 0+669.5
0+671.9		LT												1					
0+785.8		LT												1					
0+787.5	0+806.5	LT							19				20.5						INSTALL NEW MELT AT STA. 0+787.5 & STA. 0+806.5
0+810.5		LT												1					
0+814.4	0+856.0	LT												9					
0+858.1	0+869.5	LT							11.4				22.9	1					INSTALL NEW MELT AT STA. 0+858.1 & STA. 0+869.5
0+883.1		LT												1					
0+891.4		LT												1					
0+891.4		RT												1					
0+904.7	0+969.3	LT						64.6		2			77.4						BR 6 SEE SHEET 19 FOR LARGE CULVERTS DETAIL. INSTALL NEW MELT AT STA. 0+904.7 & STA. 0+969.3
0+982.3	0+986.5	RT						34.2		1	1		18.4	2	300	10	1.7		BR 6 SEE SHEET 19 FOR LARGE CULVERTS DETAIL. INSTALL NEW MELT AT STA. 0+982.3 SEE SHEET 19 FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES DETAIL. PROVIDE ANCHOR AT STA. 0+984.6 REMOVE TWO CONCRETE POSTS. EXISTING REINFORCING STEEL TO BE CUT AND THE EXISTING CONCRETE TO BE PATCHED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
0+972.3		LT												1					
1+176.1	1+274.9	LT	96.0					98.8		1	1		84.3	1	300	10	1.7		SEE SHEET 19 FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES DETAIL. PROVIDE ANCHOR AT STA. 1+178.0 INSTALL NEW MELT AT STA. 1+274.9
1+188.1		RT												1					
1+188.1	1+275.6	LT		87.5															
1+195.6	1+313.4	RT						117.8		1	1		103.2	1	300	10	1.7		SEE SHEET 19 FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES DETAIL. PROVIDE ANCHOR AT STA. 1+197.5 INSTALL NEW MELT AT STA. 1+313.4
1+278.2		LT												1					
1+316.3		RT												1					
1+643.7	1+681.7	RT						38		2			39.1						INSTALL NEW MELT AT STA. 1+643.7 & STA. 1+681.7
2+232.4	2+361.6	LT						129.2		2			149.0						INSTALL NEW MELT AT STA. 2+232.4 & STA. 2+361.6
2+395.0	2+657.2	RT	259.2					262.2		2			267.8						INSTALL NEW MELT AT STA. 2+395.0 & STA. 2+657.2
2+395.7	2+528.7	LT						133		2			152.2						INSTALL NEW MELT AT STA. 2+395.7 & STA. 2+528.7
2+400.0	2+657.2	RT		267.8															
2+557.9	2+645.3	LT						87.4		2			107.9						INSTALL NEW MELT AT STA. 2+557.9 & STA. 2+645.3
SHEET SUBTOTAL			355.2	355.3	45.6			1284.0	64.6	4	23	3	1416.8	27		30			
DA-TUM																			
VERTICAL			N/A																
HORIZONTAL			N/A																
ITEM DETAIL SHEET 1																			
SURVEYED BY N/A DATE N/A																			
DRAWN BY E.C.D. DATE 11/97																			
SQUAD LEADER T.P.K.																			
DESIGN FILE NO/pqvg/89b016/pb016.dgn																			
IPARM FILE pb016.dgn DATE PLOTTED 20-JAN-1998																			
PROJ. NAME MANCHESTER - WINHALL																			
PROJ. NO. STP-F 016(06)																			
SHEET 10 OF 43 SHEETS																			

Metric

: Sheet Number: 11

Sheet Number: 12

646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT
WINHALL:
STA. 0+580.000 - STA. 1+660.000 S
STA. 1+027.200, DOUBLE SOLID, TOLLGATE ROAD

646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT
WINHALL:
STA. 0+580.000 - STA. 1+660.000 S
STA. 1+027.200, DOUBLE SOLID, TOLLGATE ROAD

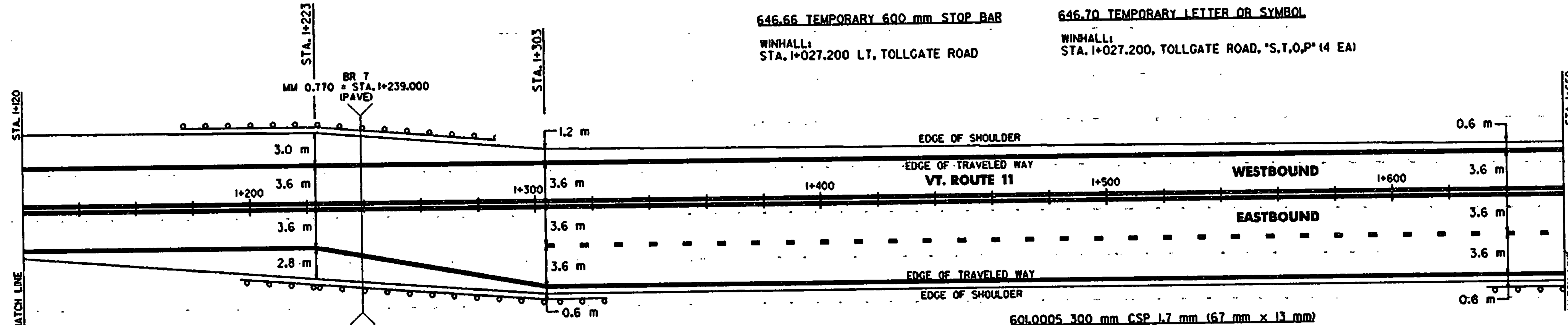
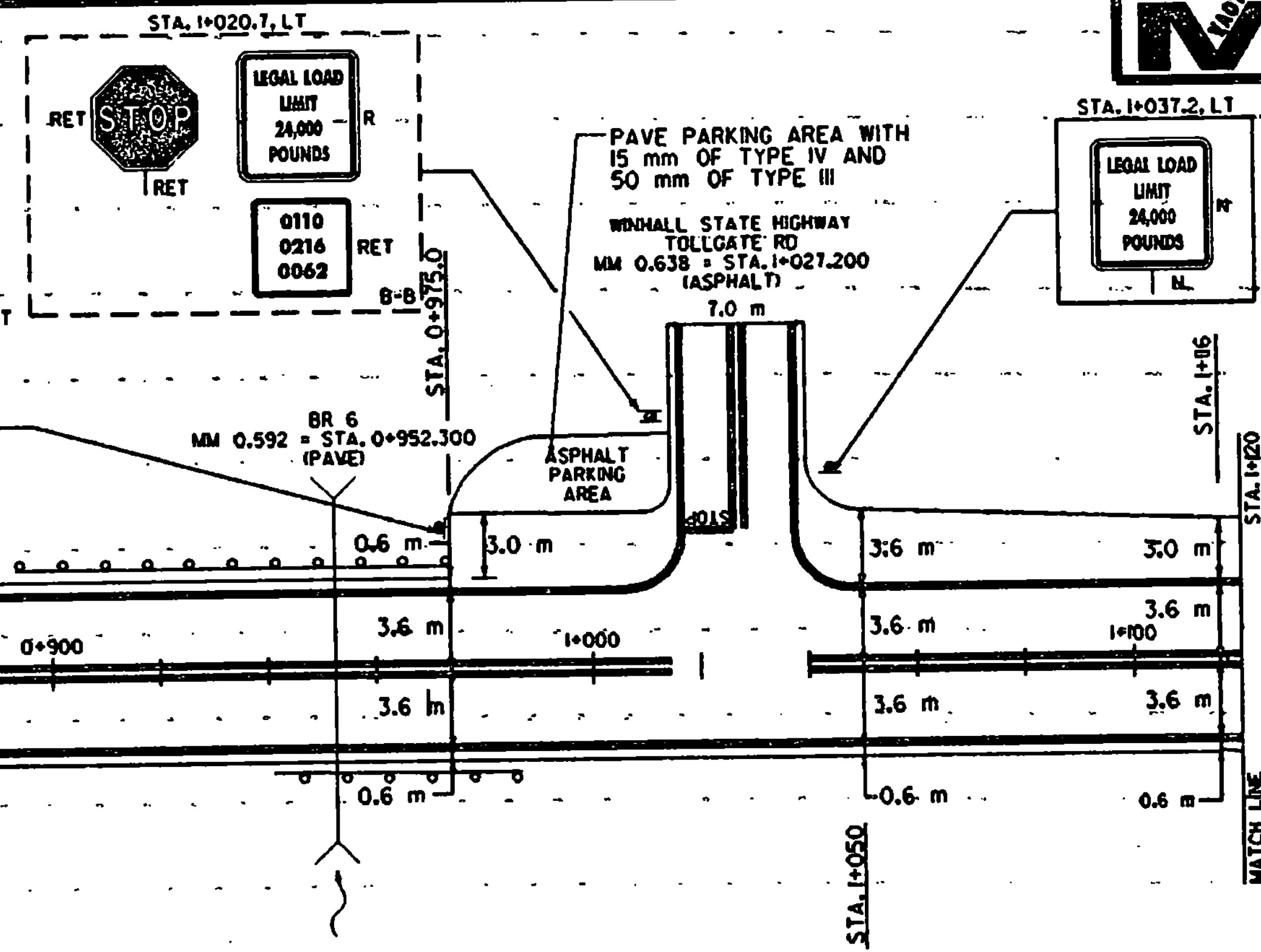
646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

WINHALL:
STA. 0+580.000 - STA. 1+660.000 LT AND RT
STA. 1+303.000 - STA. 1+660.000 DASHED 3.6 m RT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

WINHALL:
STA. 0+580.000 - STA. 1+660.000 LT AND RT
STA. 1+303.000 - STA. 1+660.000 DASHED 3.6 m RT

675.50 REMOVING SIGNS
AS SHOWN - 2



501.22 CONCRETE, CLASS A

WINHALL:
STA. 0+957.9 RT (0.25 m³)
STA. 0+959.9 RT (0.25 m³)

529.20 PARTIAL REMOVAL OF STRUCTURE

WINHALL:
STA. 0+957.9 RT (1EA)
STA. 0+959.9 RT (1EA)

616.35 TREATED TIMBER CURB

WINHALL:
STA. 1+178.9 - STA. 1+274.9 LT (96.0 m)

616.4 REMOVAL OF EXISTING CURB

WINHALL:
STA. 1+188.9 - STA. 1+275.6 LT (87.5 m)

DATA	
VERTICAL	N/A
HORIZONTAL	N/A

621.20 STEEL BEAM GUARDRAIL (TYPE IV)

WINHALL:
STA. 0+580.0 - STA. 0+669.5 LT (89.5 m)
STA. 0+787.5 - STA. 0+806.5 LT (19 m)
STA. 0+858.1 - STA. 0+869.5 RT (11.4 m)
STA. 0+952.3 - STA. 0+986.5 RT (34.2 m)
STA. 1+176.1 - STA. 1+274.9 LT (98.8 m)
STA. 1+195.6 - STA. 1+313.4 RT (117.8 m)
STA. 1+643.7 - STA. 1+660.0 RT (16.3 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)

WINHALL:
STA. 0+669.5 - STA. 0+680.9 LT
STA. 0+776.1 - STA. 0+787.5 LT
STA. 0+806.5 - STA. 0+817.9 LT
STA. 0+846.7 - STA. 0+858.1 LT
STA. 0+869.5 - STA. 0+880.9 LT
STA. 0+940.3 - STA. 0+904.7 LT
STA. 0+969.3 - STA. 0+952.3 RT
STA. 0+980.7 - STA. 1+274.9 LT
STA. 1+274.9 - STA. 1+324.8 RT
STA. 1+313.4 - STA. 1+643.7 RT

621.20 STEEL BEAM GUARDRAIL W/ 2.4 m POSTS (TYPE IV) (MOD.)

WINHALL:
STA. 0+904.7 - STA. 0+969.3 LT (64.6 m)

621.60 ANCHOR FOR STEEL BEAM RAIL

WINHALL:
STA. 0+984.6 RT
STA. 1+178.0 LT
STA. 1+197.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WINHALL:
STA. 0+601.8 - STA. 0+669.5 LT (67.7 m)
STA. 0+787.5 - STA. 0+808.0 LT (20.5 m)
STA. 0+858.1 - STA. 0+881.0 LT (22.9 m)
STA. 0+893.3 - STA. 0+970.7 LT (77.4 m)
STA. 0+952.3 - STA. 0+970.7 RT (18.4 m)
STA. 1+191.3 - STA. 1+275.6 LT (84.3 m)
STA. 1+210.8 - STA. 1+314.0 RT (103.2 m)
STA. 1+643.7 - STA. 1+660.0 RT (16.3 m)

646.46 DURABLE 600 mm STOP BAR

WINHALL:
STA. 1+027.200 LT, TOLLGATE ROAD

646.66 TEMPORARY 600 mm STOP BAR

WINHALL:
STA. 1+027.200 LT, TOLLGATE ROAD

646.50 DURABLE LETTER OR SYMBOL

WINHALL:
STA. 1+027.200, TOLLGATE ROAD, 'S.T.O.P' (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

WINHALL:
STA. 1+027.200, TOLLGATE ROAD, 'S.T.O.P' (4 EA)

601.0005 300 mm CSP 1.7 mm (67 mm x 13 mm)

WINHALL:
STA. 0+984.6 RT (10 m)
STA. 1+178.0 LT (10 m)
STA. 1+197.5 RT (10 m)

621.8 REMOVAL AND DISPOSAL OF GUIDEPOSTS

WINHALL:
STA. 0+599.9 LT (1EA)
STA. 0+671.9 LT (1EA)
STA. 0+785.8 LT (1EA)
STA. 0+810.5 LT (1EA)
STA. 0+814.4 - STA. 0+856.0 LT (42 EA)
STA. 0+856.0 LT (1EA)
STA. 0+883.1 LT (1EA)
STA. 0+891.4 LT (1EA)
STA. 0+891.4 RT (1EA)
STA. 0+950.3 RT (1EA)
STA. 0+972.3 RT (1EA)
STA. 1+188.1 LT (1EA)
STA. 1+188.1 RT (1EA)
STA. 1+208.5 RT (1EA)
STA. 1+278.2 LT (1EA)
STA. 1+316.3 RT (1EA)

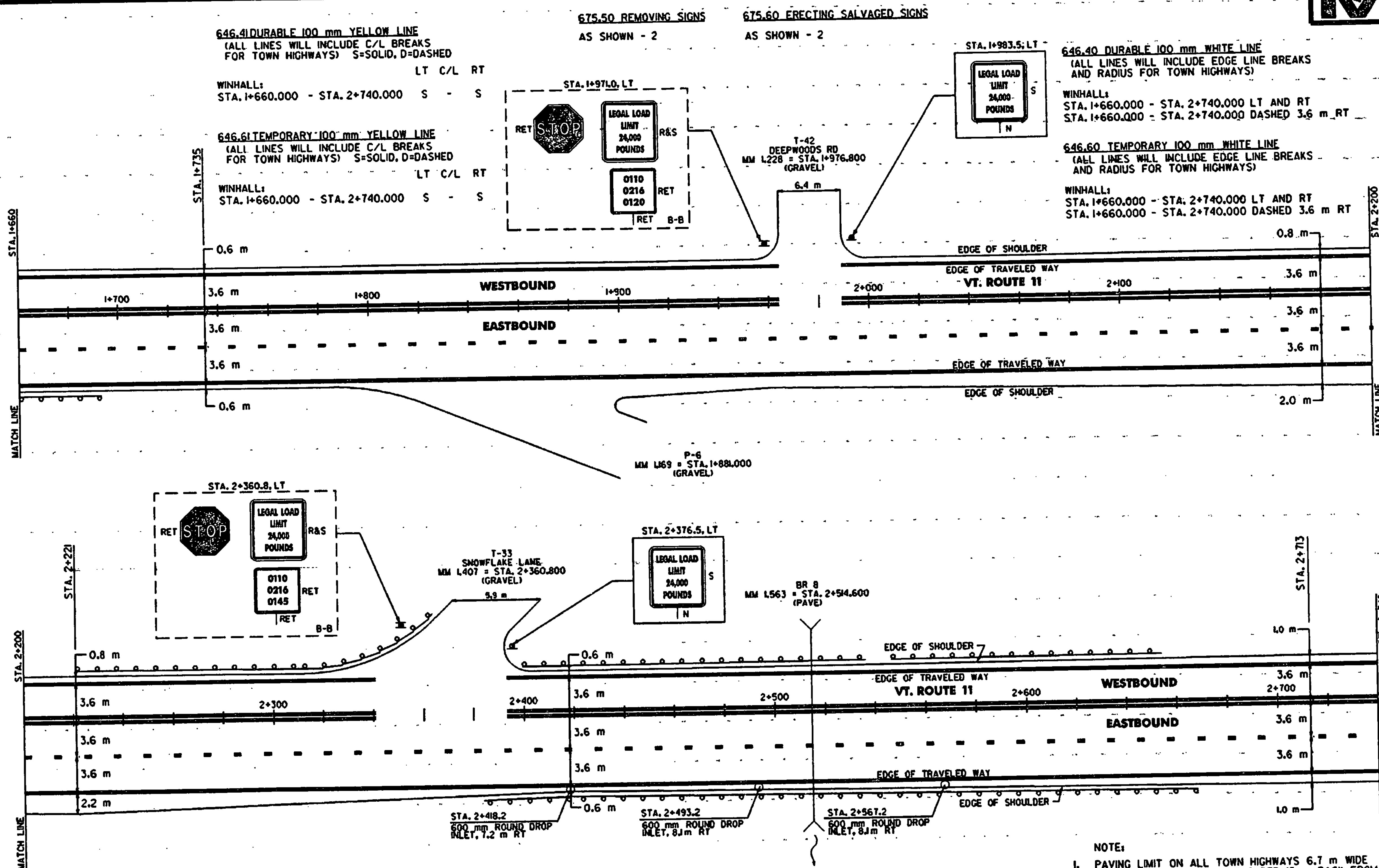
SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING=
NEW=

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 15 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 4 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

PAVING PROJECT LAYOUT

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	E.C.D.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/89b016/pb016.dgn		
IPARM. FILE	p016102.1	DATE PLOTTED	20-JAN-1998
PROJ. NAME	MANCHESTER - WINHALL		
PROJ. NO.	STP-P 016-N16		
SHEET	13 OF 43	SHEETS	



616.35 TREATED TIMBER CURB

WINHALL:
STA. 2+398.0 - STA. 2+657.2 RT (259.2 m)

616.41 REMOVAL OF EXISTING CURB

WINHALL:
STA. 2+400.0 - STA. 2+667.8 RT (267.8 m)

DATUM

VERTICAL N/A
HORIZONTAL N/A

621.20 STEEL BEAM GUARDRAIL (TYPE IV)

WINHALL:
STA. 1+660.0 - STA. 1+681.7 RT (21.7 m)
STA. 2+232.4 - STA. 2+361.6 LT (129.2 m)
STA. 2+395.0 - STA. 2+657.2 RT (262.2 m)
STA. 2+395.7 - STA. 2+528.7 LT (133.0 m)
STA. 2+557.9 - STA. 2+645.3 LT (87.4 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)

WINHALL:
STA. 1+681.7 - STA. 1+693.1 RT
STA. 2+221.0 - STA. 2+232.4 LT
STA. 2+361.6 - STA. 2+373.0 LT
STA. 2+383.6 - STA. 2+395.0 RT
STA. 2+384.3 - STA. 2+395.7 LT
STA. 2+528.7 - STA. 2+540.1 LT
STA. 2+546.5 - STA. 2+557.9 LT
STA. 2+645.3 - STA. 2+656.7 LT
STA. 2+657.2 - STA. 2+668.6 RT

CHANGE ELEVATION OF DI, CB, OR MH REHABILITATION OF DI, CB, OR MH SEE NOTE 8, SHEET 7 OF 43

STA. 2+418.2 RT
STA. 2+493.2 RT
STA. 2+567.2 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WINHALL:
STA. 1+660.0 - STA. 1+682.8 RT (22.8 m)
STA. 2+221.0 - STA. 2+370.0 LT (149.0 m)
STA. 2+384.3 - STA. 2+536.5 LT (152.2 m)
STA. 2+400.0 - STA. 2+667.8 RT (267.8 m)
STA. 2+546.5 - STA. 2+654.4 LT (107.9 m)

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= EXISTING
NEW= NEW

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 15 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 4 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

PAVING PROJECT LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/89b016/pb016.dgn
IPARM FILE pb016i03.1 DATE PLOTTED 20-JAN-1998
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-F 016-K16
SHEET 14 OF 43 SHEETS

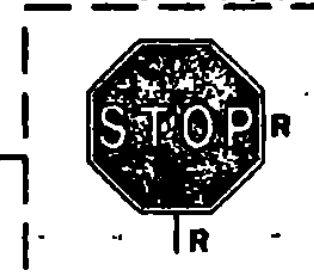
646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT
WINHALL: STA. 2+740.000 - STA. 3+820.000 S - S

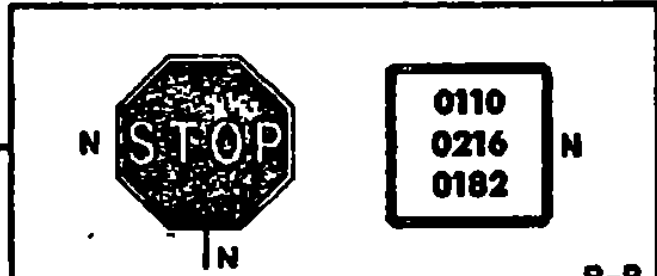
646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT
WINHALL: STA. 2+740.000 - STA. 3+820.000 S - S

STA. 2+935.5, LT



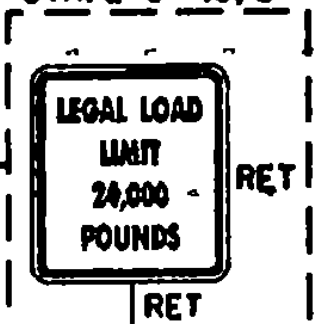
STA. 2+935.5, LT



B-B

T-57
BROMLEY FOREST ROAD
MM 1.821 = STA. 2+931.000 (GRAVEL)

STA. 2+944.0, LT



646.40 DURABLE 100 mm WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

WINHALL: STA. 2+740.000 - STA. 3+820.000 LT AND RT
STA. 2+740.000 - STA. 3+820.000 DASHED 3.6 m RT

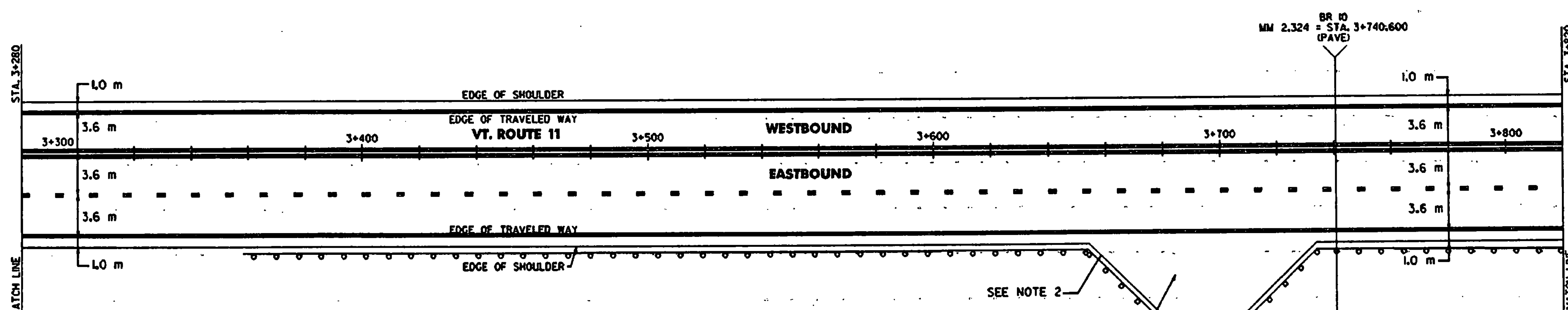
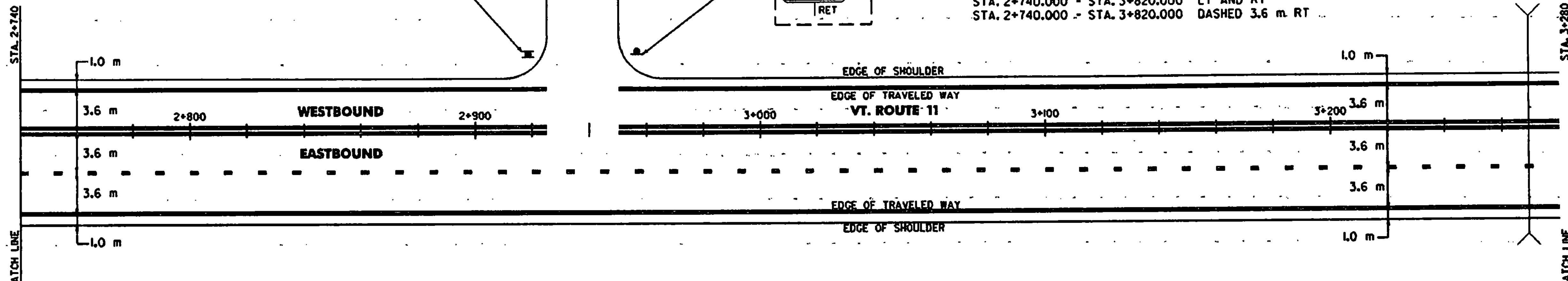
646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

WINHALL: STA. 2+740.000 - STA. 3+820.000 LT AND RT
STA. 2+740.000 - STA. 3+820.000 DASHED 3.6 m RT

675.50 REMOVING SIGNS

AS SHOWN - 1

BR 9
MM 2.031 = STA. 3+269.200 (PAVE)



621.20 STEEL BEAM GUARDRAIL (TYPE IV)

WINHALL: STA. 3+365.6 - STA. 3+820.0 RT (462.0 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)

WINHALL: STA. 3+355.8 - STA. 3+367.2 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WINHALL: STA. 3+367.2 - STA. 3+656.2 RT (289 m)
STA. 3+731.2 - STA. 3+820.0 RT (88.8 m)

PAVE PARKING AREA WITH 15 mm TYPE IV AND 50 mm OF TYPE III

DATUM
VERTICAL N/A
HORIZONTAL N/A

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= _____
NEW= _____

- NOTES:**
- PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 15 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 4 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
 - EIGHTEEN 3 m LONG CONCRETE BARRIERS ARE TO BE SAVED FOR THE VAOT.

PAVING PROJECT LAYOUT	
SURVEYED BY N/A	DATE N/A
DRAWN BY E.C.D.	DATE 11/97
SQUAD LEADER T.P.K.	
DESIGN FILE NO. /pave/89b016/pb016.dgn	
IPARM. FILE pb0161041	DATE PLOTTED 20-JAN-1998
PROJ. NAME MANCHESTER - WINHALL	
PROJ. NO. STP-F 016-N16	
SHEET 15 OF 43	SHEETS

646.41 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS
FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT

WINHALL:
STA. 3+820.000 - STA. 4+910.000 S - S

646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS
FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C/L RT

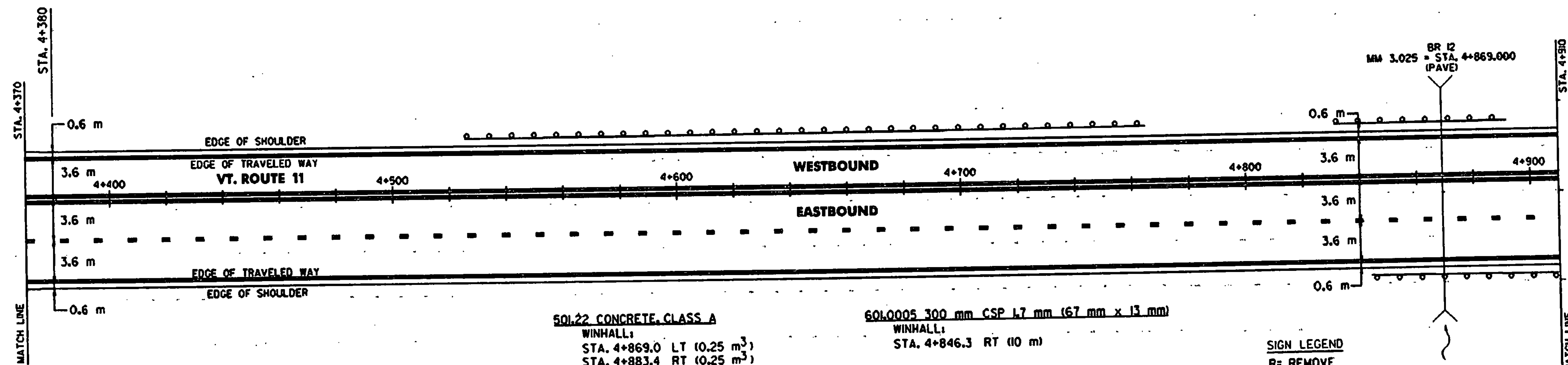
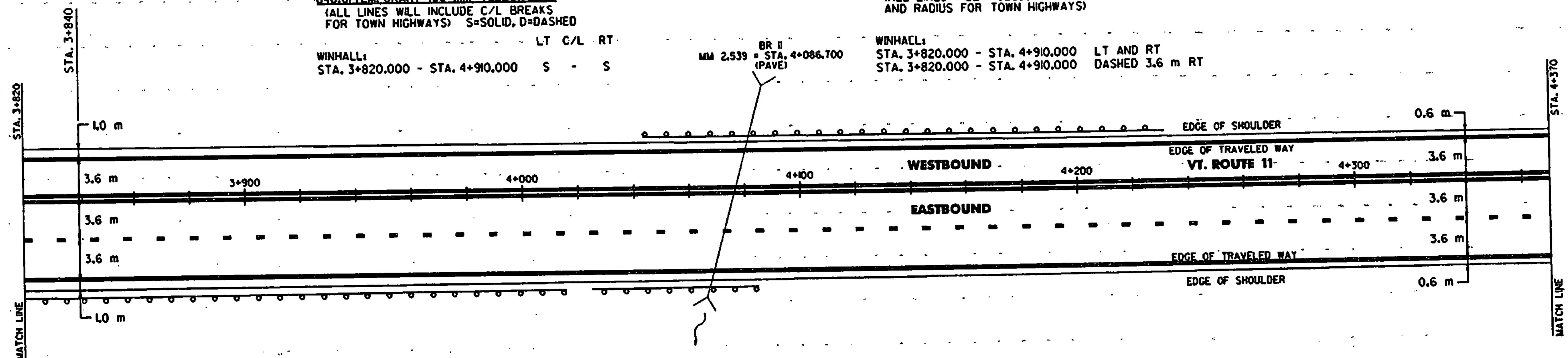
WINHALL:
STA. 3+820.000 - STA. 4+910.000 S - S

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

WINHALL:
STA. 3+820.000 - STA. 4+910.000 LT AND RT
STA. 3+820.000 - STA. 4+910.000 DASHED 3.6 m RT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

WINHALL:
STA. 3+820.000 - STA. 4+910.000 LT AND RT
STA. 3+820.000 - STA. 4+910.000 DASHED 3.6 m RT



621.20 STEEL BEAM GUARDRAIL (TYPE IV)

WINHALL:
STA. 3+820.0 - STA. 4+004.0 RT (184 m)
STA. 4+035.4 - STA. 4+073.4 RT (38 m)
STA. 4+537.0 - STA. 4+753.6 LT (216.6 m)
STA. 4+842.5 - STA. 4+880.5 LT (38 m)
STA. 4+844.4 - STA. 4+901.4 RT (57.0 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)

WINHALL:
STA. 4+004.0 - STA. 4+015.4 RT
STA. 4+024.0 - STA. 4+035.4 RT
STA. 4+045.4 - STA. 4+056.8 LT
STA. 4+073.4 - STA. 4+084.8 RT
STA. 4+220.2 - STA. 4+231.6 LT
STA. 4+525.6 - STA. 4+537.0 LT
STA. 4+753.6 - STA. 4+765.0 LT
STA. 4+831.1 - STA. 4+842.5 LT
STA. 4+880.5 - STA. 4+891.9 LT
STA. 4+901.4 - STA. 4+912.8 RT

621.20 STEEL BEAM GUARDRAIL W/ 2.4 m STEEL POSTS (TYPE IV) (MOD.)

WINHALL:
STA. 4+056.8 - STA. 4+220.2 LT (163.4 m)

501.22 CONCRETE CLASS A

WINHALL:
STA. 4+869.0 LT (0.25 m³)
STA. 4+883.4 RT (0.25 m³)

621.60 ANCHOR FOR STEEL BEAM RAIL

WINHALL:
STA. 4+846.3 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WINHALL:
STA. 3+820.0 - STA. 4+015.4 RT (195.4 m)
STA. 4+035.4 - STA. 4+084.8 RT (49.4 m)
STA. 4+056.8 - STA. 4+234.0 LT (177.2 m)
STA. 4+537.0 - STA. 4+754.3 LT (217.3 m)
STA. 4+843.0 - STA. 4+880.3 LT (37.3 m)
STA. 4+863.8 - STA. 4+898.7 RT (34.9 m)

621.8 REMOVAL AND DISPOSAL OF GUIDEPOSTS

WINHALL:
STA. 4+387.0 - STA. 4+434.0 LT (40 EA)
STA. 4+536.0 LT (1 EA)
STA. 4+756.6 - STA. 4+843.0 LT (20 EA)

601.0005 300 mm CSP L7 mm (67 mm x 13 mm)

WINHALL:
STA. 4+846.3 RT (10 m)

529.20 PARTIAL REMOVAL OF STRUCTURE

WINHALL:
STA. 4+869.0 LT (1 EA)
STA. 4+883.4 RT (1 EA)

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RT= RETAIN
B-B= BACK TO BACK
EXISTING=
NEW=

NOTE:

PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 15 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 4 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

PAVING PROJECT LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY K.H.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/89b016/pb016.dgn
IPARM pb016105.1 DATE PLOTTED 20-JAN-1998
FILE
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-F 016-1167
SHEET 16 OF 43 SHEETS

646.41 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WINHALL: LT C/L RT
STA. 4+910.000 - STA. 5+175.000 S - S
STA. 5+011.600 - STA. 5+116.000 LT (GORE EDGE LINES)
STA. 5+138.635 RT, DOUBLE SOLID, VT. ROUTE 30

646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WINHALL: LT C/L RT
STA. 4+910.000 - STA. 5+175.000 S - S
STA. 5+011.600 - STA. 5+116.000 LT (GORE EDGE LINES)
STA. 5+138.635 RT, DOUBLE SOLID, VT. ROUTE 30

646.50 DURABLE LETTER OR SYMBOL

WINHALL:
STA. 4+916.270 RT, "O,N,L,Y" (4 EA) STA. 5+138.635 RT, VT. ROUTE 30, "S,T,O,P" (4 EA)
STA. 4+920.040 RT, ARROW (1EA) STA. 5+158.400 LT, ARROW (1EA)
STA. 4+988.630 RT, "O,N,L,Y" (4 EA) STA. 5+162.170 LT, "O,N,L,Y" (4 EA)
STA. 4+992.400 RT, ARROW (1EA)
STA. 5+059.430 RT, "O,N,L,Y" (4 EA)
STA. 5+063.200 RT, ARROW (1EA)

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WINHALL:
STA. 4+910.000 - STA. 5+175.000 LT AND RT
STA. 4+910.000 - STA. 4+915.000 DASHED 3.6 m RT
STA. 4+915.000 - STA. 5+060.760 SOLID 3.6 m RT
STA. 5+140.200 - STA. 5+175.000 SOLID 3.0 m LT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WINHALL:
STA. 4+910.000 - STA. 5+175.000 LT AND RT
STA. 4+910.000 - STA. 4+915.000 DASHED 3.6 m RT
STA. 4+915.000 - STA. 5+060.760 SOLID 3.6 m RT
STA. 5+140.200 - STA. 5+175.000 SOLID 3.0 m LT

646.42 DURABLE 200 mm WHITE LINE
WINHALL:
STA. 5+060.760 - STA. 5+095.000 3.6 m RT
STA. 5+076.000 - STA. 5+095.000 RT (DIAGONAL LINES)

646.43 DURABLE 200 mm YELLOW LINE
WINHALL:
STA. 5+011.600 - STA. 5+116.000 LT (DIAGONAL LINES)

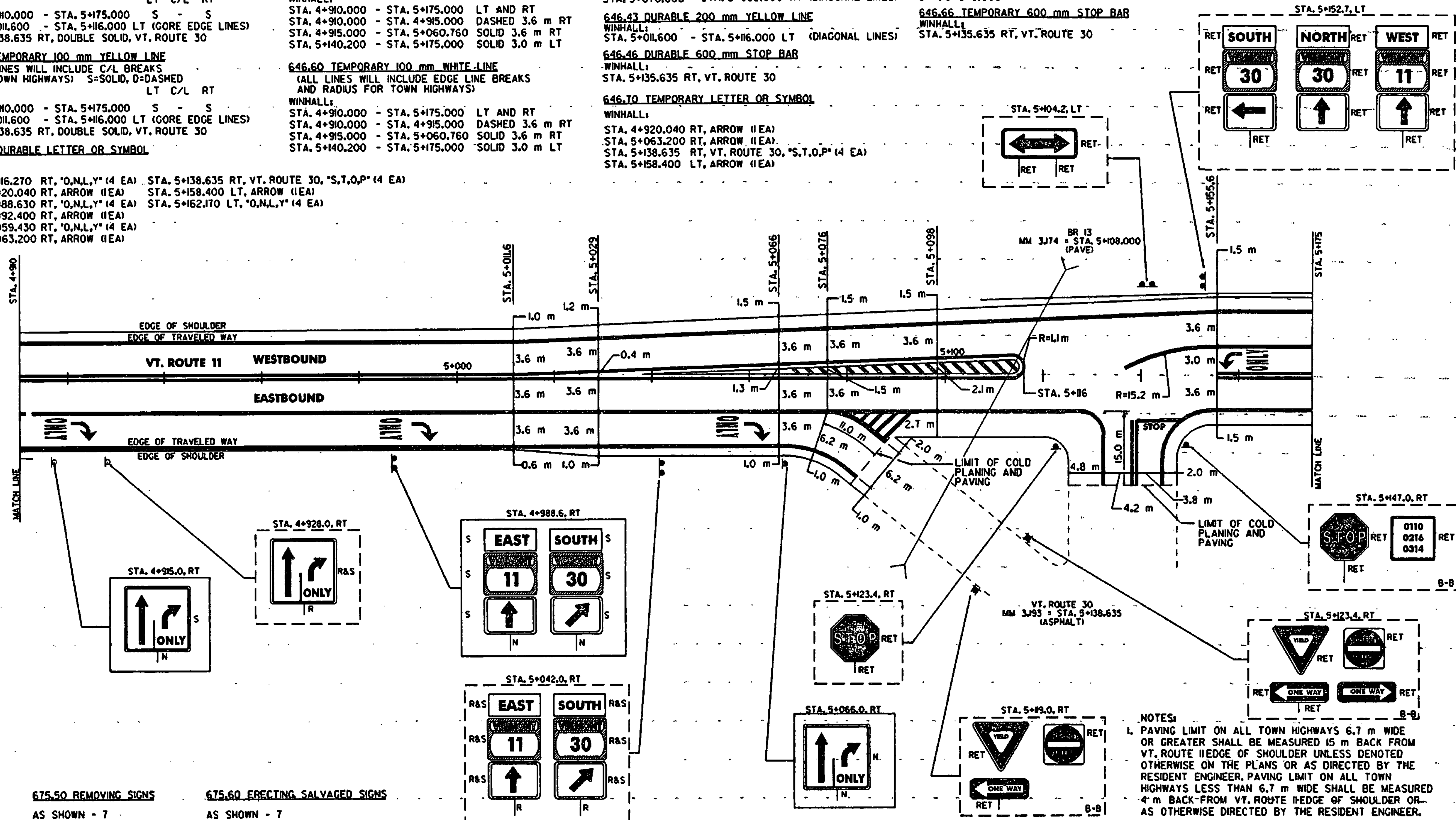
646.46 DURABLE 600 mm STOP BAR
WINHALL:
STA. 5+135.635 RT, VT. ROUTE 30

646.70 TEMPORARY LETTER OR SYMBOL

WINHALL:
STA. 4+920.040 RT, ARROW (1EA)
STA. 5+063.200 RT, ARROW (1EA)
STA. 5+138.635 RT, VT. ROUTE 30, "S,T,O,P" (4 EA)
STA. 5+158.400 LT, ARROW (1EA)

646.62 TEMPORARY 200 mm WHITE LINE
WINHALL:
STA. 5+060.760 - STA. 5+095.000 3.6 m RT
STA. 5+076.000 - STA. 5+095.000 RT (DIAGONAL LINES)

646.66 TEMPORARY 600 mm STOP BAR
WINHALL:
STA. 5+135.635 RT, VT. ROUTE 30



675.50 REMOVING SIGNS
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 7

621.20 STEEL BEAM GUARDRAIL (TYPE IV)
WINHALL:
STA. 5+118.6 - STA. 5+175.0 LT (56.4 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)
WINHALL:
STA. 5+107.2 - STA. 5+118.6 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WINHALL:
STA. 5+107.2 - STA. 5+175.0 LT (67.8 m)

621.81 REMOVAL AND DISPOSAL OF GUIDEPOSTS
WINHALL:
STA. 5+039.0 - STA. 5+105.5 LT (11 EA)

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

PAVING PROJECT LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY K.H.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. dpave/89b016/pb016.dgn
IPARM FILE pb01606 DATE PLOTTED 20-JAN-1998
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-F 016-1167
SHEET 17 OF 43 SHEETS



646.41 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS
FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WINHALL:
STA. 5+175.000 - STA. 5+399.349 S - S
STA. 5+187.700 - STA. 5+392.000 LT (GORE EDGE LINES)

646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS
FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WINHALL:
STA. 5+175.000 - STA. 5+399.349 S - S
STA. 5+187.700 - STA. 5+392.000 LT (GORE EDGE LINES)

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
WINHALL:
STA. 5+175.000 - STA. 5+399.349 LT AND RT
STA. 5+175.000 - STA. 5+187.700 SOLID 3.0 m LT
STA. 5+187.700 - STA. 5+248.000 DOTTED 3.0 m LT

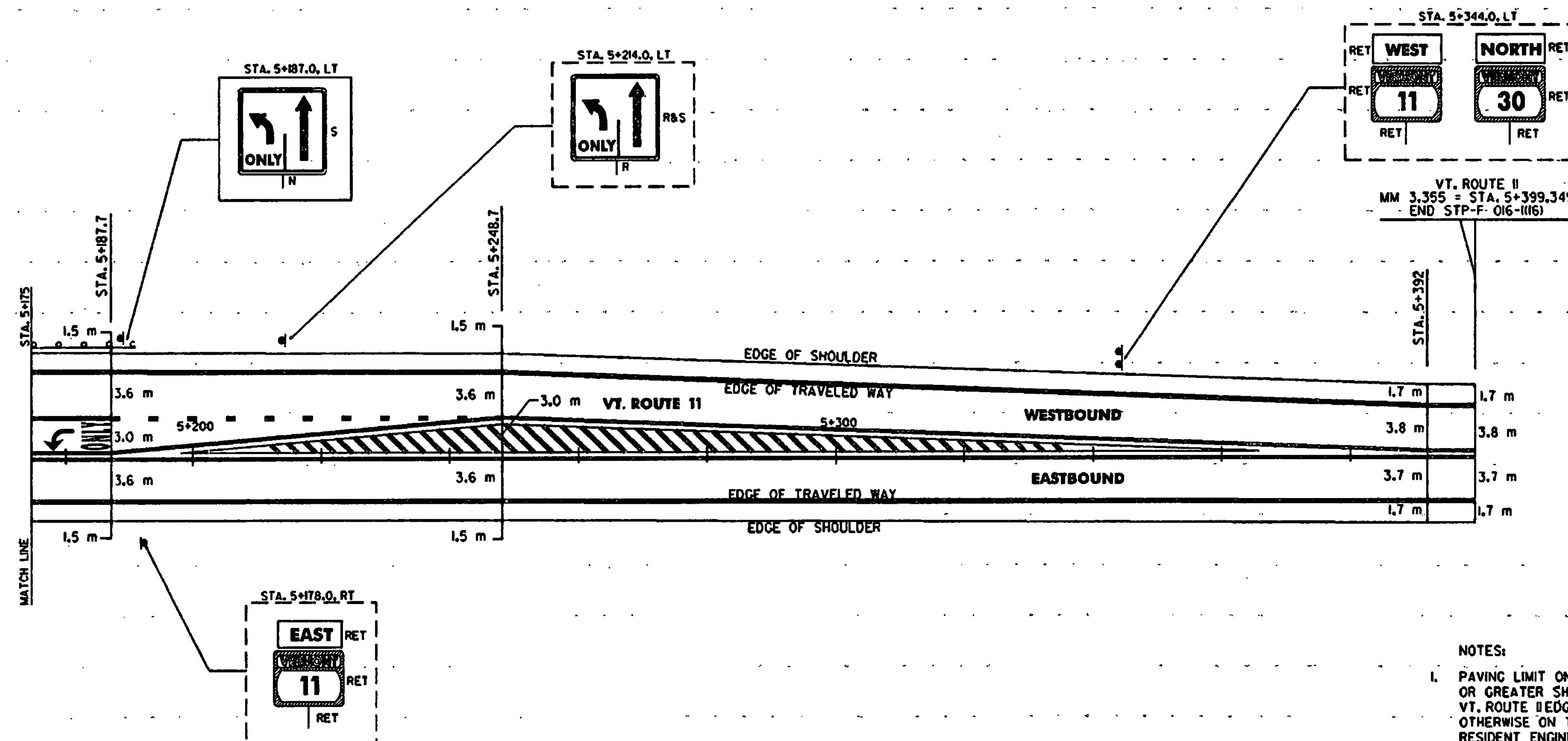
646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
WINHALL:
STA. 5+175.000 - STA. 5+399.349 LT AND RT
STA. 5+175.000 - STA. 5+187.700 SOLID 3.0 m LT
STA. 5+187.700 - STA. 5+248.000 DOTTED 3.0 m LT

646.43 DURABLE 200 mm YELLOW LINE
WINHALL:
STA. 5+187.700 - STA. 5+392.000 LT (DIAGONAL LINES)
646.50 DURABLE LETTER OR SYMBOL
WINHALL:
STA. 5+182.660 LT, ARROW (1EA)
STA. 5+186.430 LT, "ONLY" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL
WINHALL:
STA. 5+182.660 LT, ARROW (1EA)

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 15 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 4 m BACK FROM VT. ROUTE 11 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- ALL DESTINATION SIGNS ASSOCIATED WITH THE VT. ROUTE 11 INTERSECTION WITH VT. ROUTE 30 SHALL BE RETAINED IN THE FIELD BUT WERE OMITTED ON THESE PLANS FOR CLARITY.

621.20 STEEL BEAM GUARDRAIL (TYPE IV)

WINHALL:
STA. 5+175.0 - STA. 5+179.4 LT (4.4 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL (TYPE IV)

WINHALL:
STA. 5+179.4 - STA. 5+190.8 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WINHALL:
STA. 5+175.0 - STA. 5+178.9 LT (3.9 m)

621.81 REMOVAL AND DISPOSAL OF GUIDEPOSTS

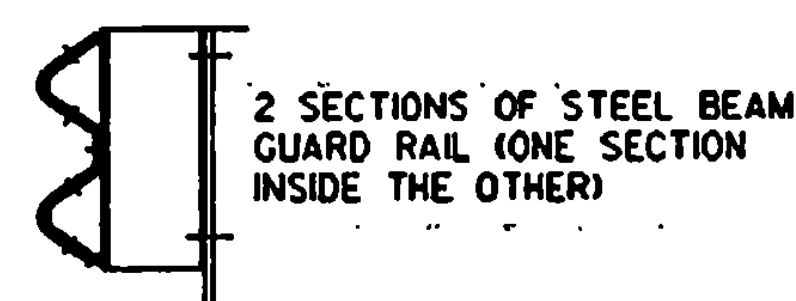
WINHALL:
STA. 5+18.0 LT (1EA)

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= _____
NEW= _____

PAVING PROJECT LAYOUT

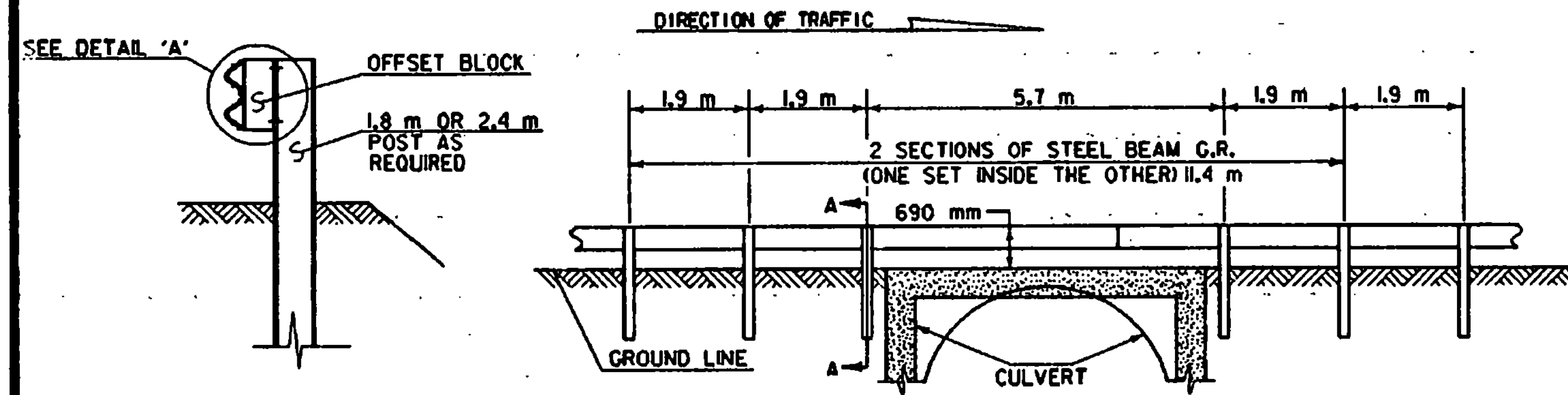
SURVEYED BY N/A DATE N/A
DRAWN BY K.H.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/89b016/pb016.dgn
IPARM. FILE pb016017 DATE PLOTTED 20-JAN-1998
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-F 06-1167
SHEET 18 OF 43 SHEETS



DETAIL A
NOT TO SCALE

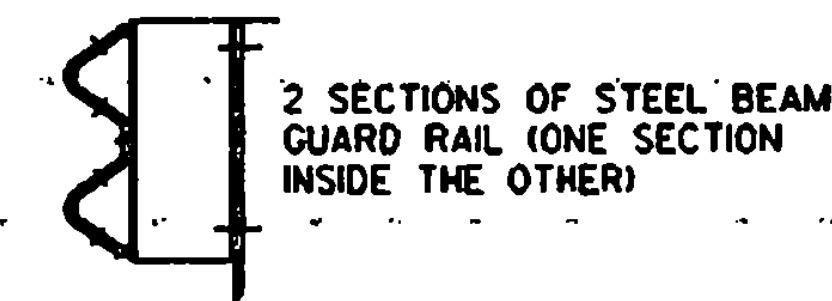
NOTES

1. SEE STANDARD G-1 & G-10 FOR STEEL BEAM GUARD RAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20, STEEL BEAM GUARD RAIL (TYPE IV) (MOD.), AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE ENGINEER.



SECTION A-A
NOT TO SCALE

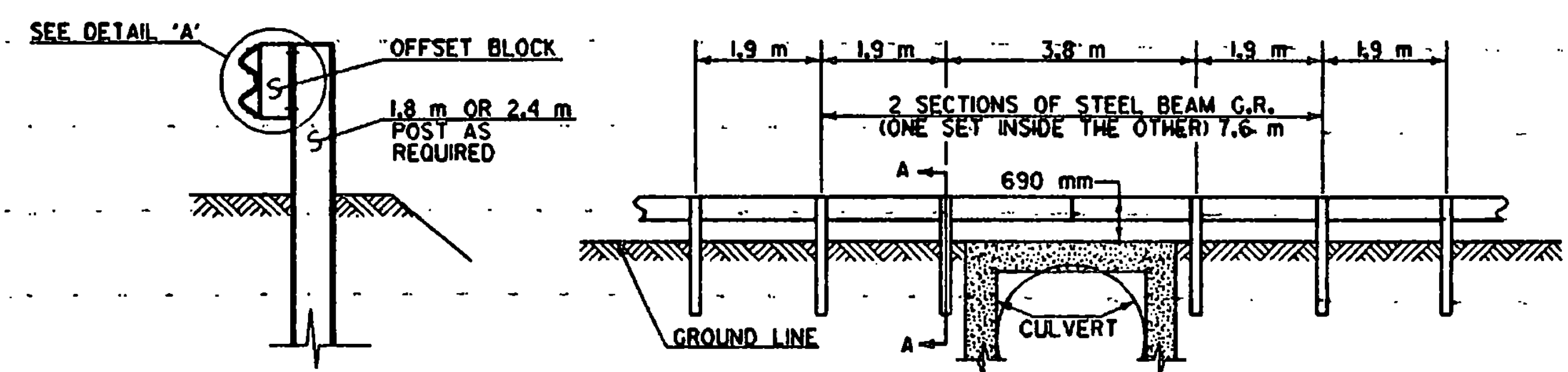
DETAIL OF STEEL BEAM GUARD RAIL AT LARGE CULVERTS
BR 6
BR 12
NOT TO SCALE



DETAIL A
NOT TO SCALE

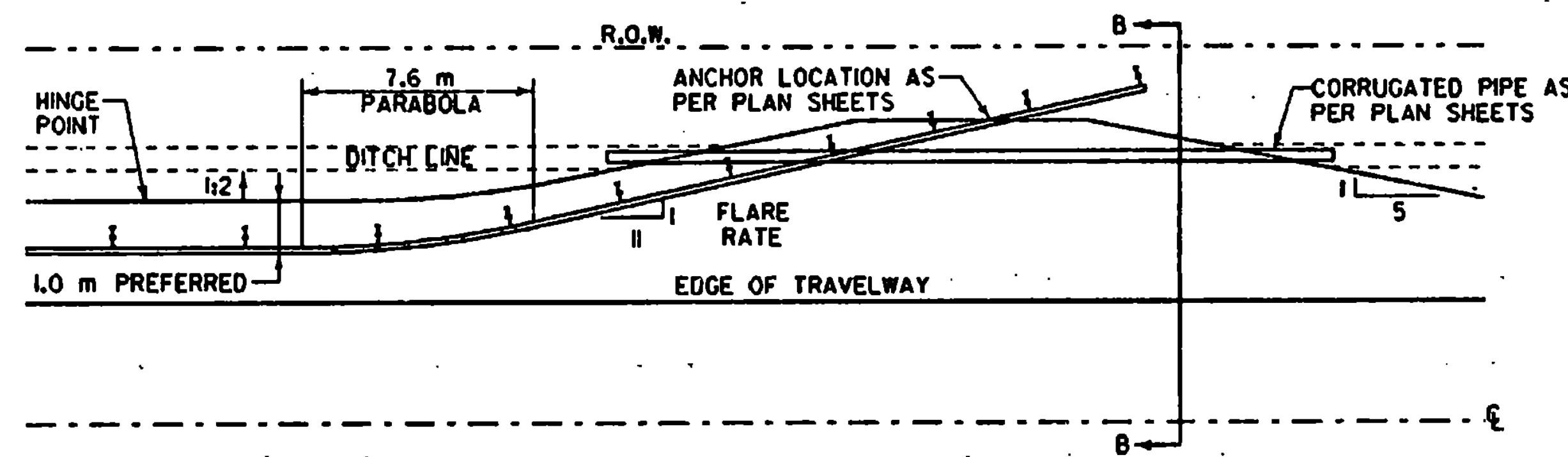
NOTES

1. SEE STANDARD G-1 & G-10 FOR STEEL BEAM GUARD RAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20, STEEL BEAM GUARD RAIL (TYPE IV) (MOD.), AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE ENGINEER.

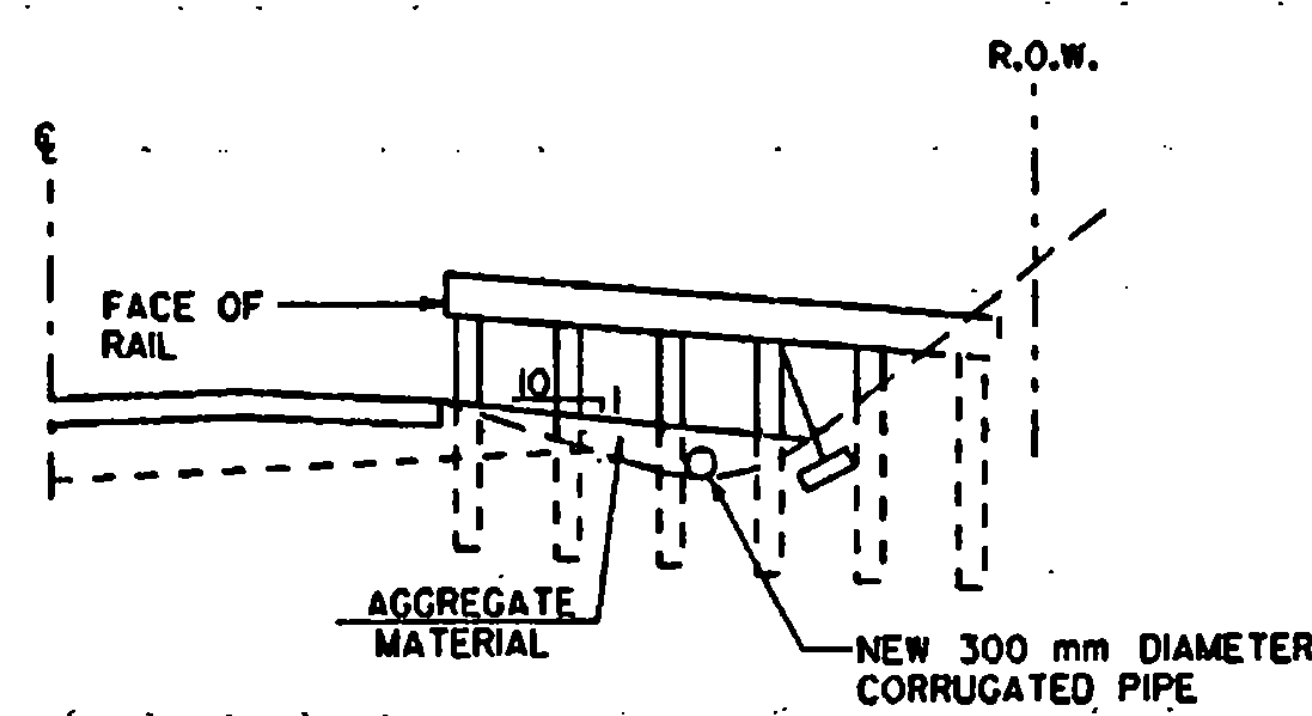


SECTION A-A
NOT TO SCALE

DETAIL OF STEEL BEAM GUARD RAIL AT SMALL CULVERTS
BR 11
NOT TO SCALE



DETAIL FOR BURIED GUARD RAIL ENDS INTO BACKSLOPES
NOT TO SCALE



SECTION B-B
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**BRIDGE
DETAIL
SHEET**

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	T.B.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/dave/89b016/pb16.dgn		
IPARM.		DATE	
FILE	pb016d12.1	PLOTTED	20-MAR-1998
PROJ. NAME	MANCHESTER - WINHALL		
PROJ. NO.	\$7P-F-016-M16		
SHEET	19 OF 43	SHEETS	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET



KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN		SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)			W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STO. SHEET NUMBER		
										kg/m			kg/m			kg/m			kg/m			FTG. SIZE							
										.17	3.0	4.5	44	50	63	75	100	100 MOD	75	89	100	125	600	750				WEIGHT	POST SIZE
MANCHESTER: 5+010.0, LT		1	750	750	0.56				1			X			X	X											BACK-TO-BACK		E-143 E-138
5+022.0, LT		1	600	750	0.45				1			X			X	X													E-141
WINHALL: 0+974.5, LT		1	300	900	0.27				1			X			X	X												22	
1+037.2, LT		1	600	750	0.45				1			X			X	X													E-141
1+983.5, LT									1			X			X	X										SALVAGED SIGN TO BE MOUNTED ON NEW POST			
2+376.5, LT									1			X			X	X										SALVAGED SIGN TO BE MOUNTED ON NEW POST			
2+931.5, LT		1	750	750	0.56 0.03				1			X			X	X										BACK-TO-BACK		E-143 E-138	
4+915.0, RT									1			X			X	X										SALVAGED SIGN TO BE MOUNTED ON NEW POST			
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 & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."		TOTALS		m ²	m ²	EA.	m ²			m		m		kg	EA.	kg	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg			
										36.8		36.8																	

PROJECT: MANCHESTER - WINHALL

DESIGN FILE NAME: /pave/89b016/pb016.dgn

IPARM FILE NAME: pb016.tbl

SURVEYED BY: N/A

SQUAD LEADER: T.P.K.

PROJECT NO.: STP-F 016-1116

PLOT DATE: 20-JAN-1998

SURVEY DATE: N/A

DRAWN BY: E.C.D.

SHEET: 20 OF 43

TRAFFIC SIGN SUMMARY SHEET

Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST REPLACEMENT SALVAGE	NO. OF POSTS	NEW SIGN POSTS								FRUIT FREE STRIP WIDE	REMARKS	SIGN DETAIL																					
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL		SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)				TUBULAR STEEL Ø (mm)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER												
											kg/m	L7	3.0	4.5	44	50	63			75	100	100 MOD	FOUNDA- TION	75	89	100	125			FTG. SIZE		WEIGHT	POST SIZE								
																														kg/m	L9			2.5	2.5	0.3	13.4	16J	21.7	600 mm	750 mm
OPTION ITEMS																																									
WINHALL: 4+988. 6, RT	EAST SOUTH					I	-		2		X		X	X											X	SALVAGED SIGNS TO BE MOUNTED ON NEW POSTS															
	11 30					I																				SALVAGED SIGNS TO BE MOUNTED ON NEW POSTS															
	↑ ↗					I																				SALVAGED SIGNS TO BE MOUNTED ON NEW POSTS															
5+066. 0, RT	ONLY ↗	1	900	750	0.68				1		X		X	X														E-145A													
5+187. 0, LT	ONLY ↑					I			1		X		X	X												SALVAGED SIGN TO BE MOUNTED ON NEW POST															
SHEET SUBTOTAL				0.68		7					18.4		18.4																												
SHEET 20 SUBTOTAL				2.36		3					36.8		36.8																												
ROUNDING				0.97		-					14.8		14.8																												
TOTALS				m²	m²	EA.	m²			m	70		70		EA.	kg	kg	kg	kg	kg	kg	kg	EA.	EA.	kg																

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 & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

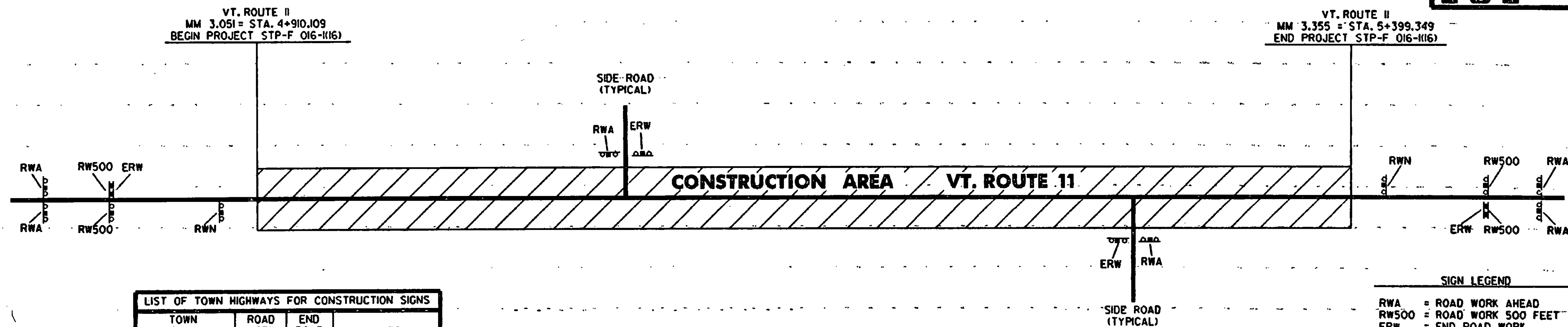
PROJECT: MANCHESTER - WINHALL. PROJECT NO.: STP-E 016-(K16).

DESIGN FILE NAME: /pave/89b016/pb016.dgn PLOT DATE: 20-JAN-1998

IPARM FILE NAME: pb016ts2.i SURVEY DATE: N/A

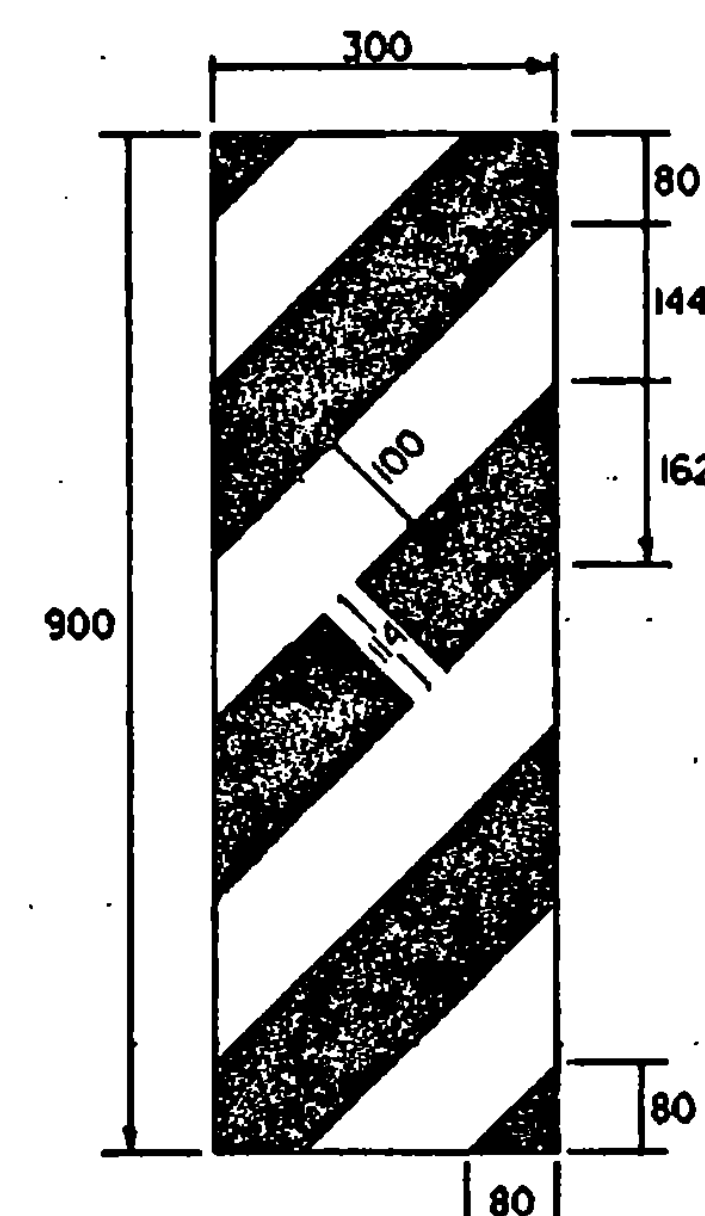
SURVEYED BY: N/A DRAWN BY: E.C.D.

SQUAD LEADER: T.P.K. SHEET: 21 OF 43



LIST OF TOWN HIGHWAYS FOR CONSTRUCTION SIGNS			
TOWN HIGHWAY NUMBER	ROAD WORK AHEAD	END ROAD WORK	OTHER
BEGIN PROJECT	2	1	2 - RW500 1 - RWN
T-72	1	1	
WINHALL STATE HIGHWAY	1	1	
T-42	1	1	
T-33	1	1	
T-57	1	1	
VT. ROUTE 30	1	2	
END PROJECT	2	1	2 - RW500 1 - RWN
TOTAL	10	9	6

CONSTRUCTION APPROACH SIGNING
SEE STD. E-100 AND E-100A FOR ADDITIONAL SIGN PLACEMENT



COLOR: BLACK BORDER & TEXT
YELLOW BACKGROUND
MATERIAL: PER VAOT STANDARD E-150
SIGN - VT. ROUTE 11
STA. 0+974.5, LT

ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

**CONSTRUCTION
APPROACH
SIGNING &
TRAFFIC SIGN
DETAIL
SHEET**

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pava/89b016/pb016.dgn
IPARM FILE pb016cs1 DATE PLOTTED 20-JAN-1998
PROJ. NAME MANCHESTER - WINHALL
PROJ. NO. STP-F 016-1116
SHEET 22 OF 43 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL N/A

STATE OF VERMONT AGENCY OF TRANSPORTATION

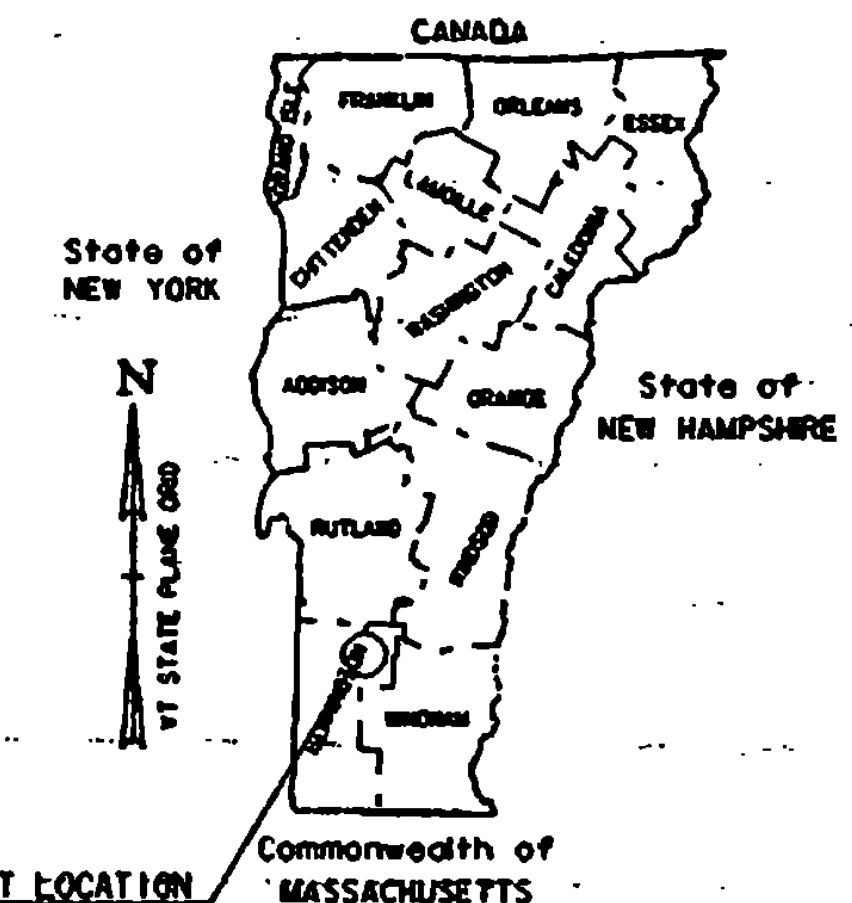


PROPOSED IMPROVEMENT TOWN OF DORSET COUNTY OF BENNINGTON VT. ROUTE 30

BEGINNING IN DORSET AT A POINT 471.538 m NORTH OF THE MANCHESTER / DORSET TOWN LINE
AT MILE MARKER 0.293 = STA. 0+471.538 AND EXTENDING NORTHERLY ALONG VT. ROUTE 30 FOR A DISTANCE
OF 7937.284 m (4.932 MILES) TO THE DORSET/RUPERT TOWN LINE AT MILE MARKER 5.225 = STA. 8+408.822.

LENGTH OF ROADWAY 7937.284 m (4.932 MILES)
LENGTH OF PROJECT 7937.284 m (4.932 MILES)

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



PROJECT LOCATION
STP 9604115

TRAFFIC DATA

VT. ROUTE 30 (MANCHESTER/DORSET T/L - TH-3)

1998 ADT = 6240
1998 DHV = 810
2008 ADT = 7360
2008 DHV = 915

1998 ~ 2008 CUM. ESALS = 1,066,000

VT. ROUTE 30 (TH-3 - TH-2/TH-36)

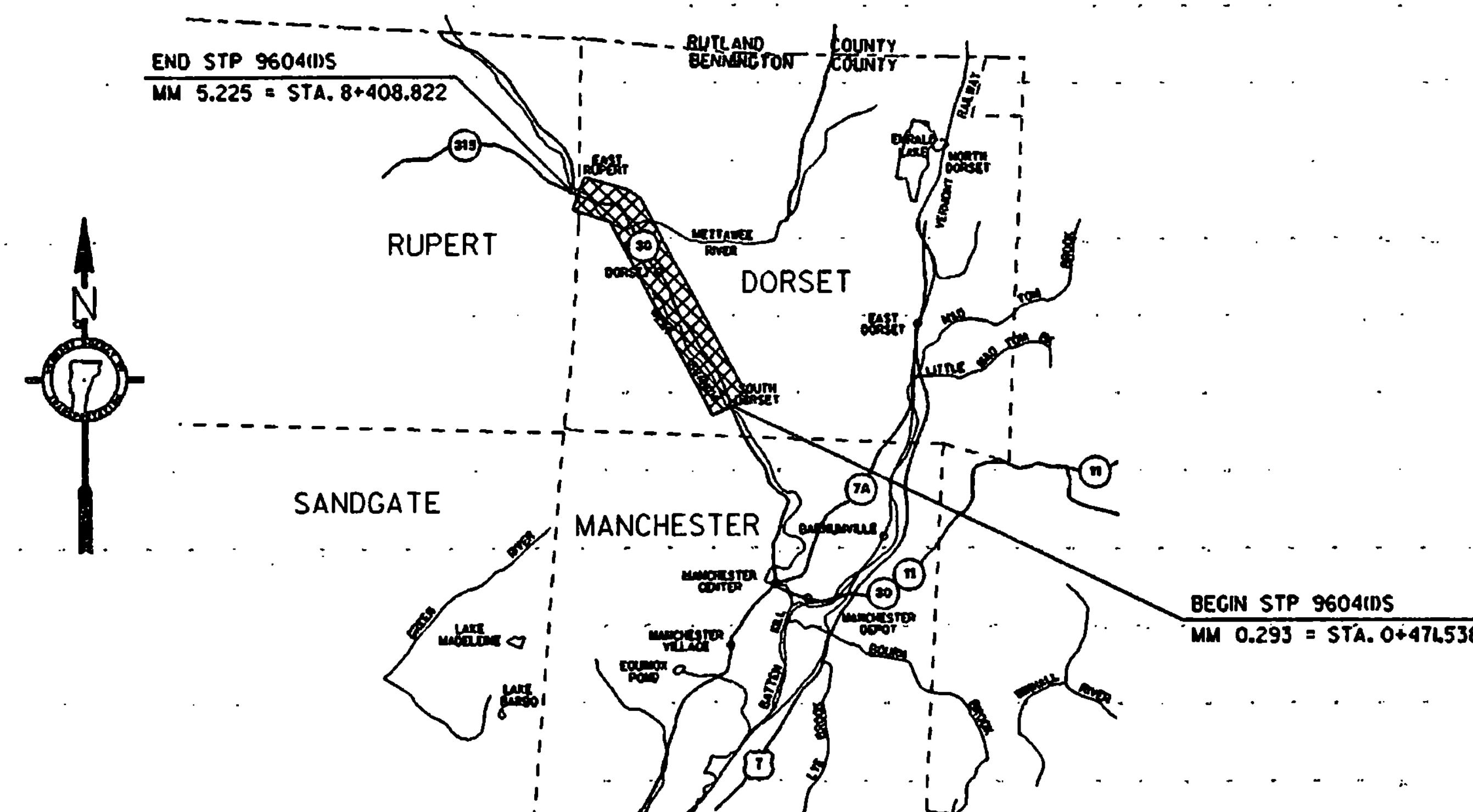
1998 ADT = 5810
1998 DHV = 760
2008 ADT = 6860
2008 DHV = 870

1998 ~ 2008 CUM. ESALS = 993,000

VT. ROUTE 30 (TH-36 - DORSET/RUPERT T/L)

1998 ADT = 3580
1998 DHV = 500
2008 ADT = 4230
2008 DHV = 580

1998 ~ 2008 CUM. ESALS = 683,000



UNLESS OTHERWISE NOTED, ALL DRAWINGS AND
DETAILS OF THE PROJECT PLANS ARE NOT TO
SCALE

RIGHT OF WAY LIMITS, IF APPLICABLE, ARE
PROVIDED SOLELY FOR THE CONVENIENCE OF
THE STATE AND ITS CONTRACTOR DURING
THE COURSE OF THIS PAVING PROJECT. ANY
REFERENCES TO OFFSETS ON THESE PLANS ARE
APPROXIMATE AND SHOULD NOT BE RELIED UPON
FOR ANY OTHER PURPOSES

CONVENTIONAL SIGNS

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE DIRECTOR OF CONSTRUCTION
AND MAINTENANCE.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 1995, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 24, 1995
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

Metric

APPROVED	DATE
DIRECTOR OF CONSTRUCTION AND MAINTENANCE	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	
PROJECT DORSET STP 9604115	
SHEET 26 OF 43 SHEETS	

/pave/99b022/pb022.dgn pb022.ttl PLOTTED: 20-JAN-1998

NOTES

1. THE WEARING COURSE SHALL BE TYPE III BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS PAVEMENT SHALL BE PG 58-28.
2. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT 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).
3. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 1.8 m POSTS. IF THIS CANNOT BE OBTAINED THEN 2.4 m POSTS SHALL BE USED.
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.07 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
6. ITEM 604.40, 604.412, 604.415 & 604.418 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
7. ALL DRIVEWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER.
8. ITEM 203.99, SHOULDER BERM REMOVAL, HAS BEEN ADDED TO REMOVE EXCESS GRANULAR MATERIAL LOCATED NEAR EXISTING GUARDRAIL TO REMAIN TO ALLOW THE SHOULDER TO DRAIN.
9. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING MELT FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m³ OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE				
% WT.	kg/ha.	NAME	PUR. %	GERM. %
37.4	26.0	CREEPING RED FESCUE	98	85
37.4	26.0	TALL FESCUE	95	90
5.71	4.0	RED TOP	95	90
14.30	10.0	BIRDSFOOT TREFOIL	98	85
5.71	4.0	ANNUAL RYEGRASS	95	85
100.0	70.0			

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

SEED:
TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE RESIDENT ENGINEER.

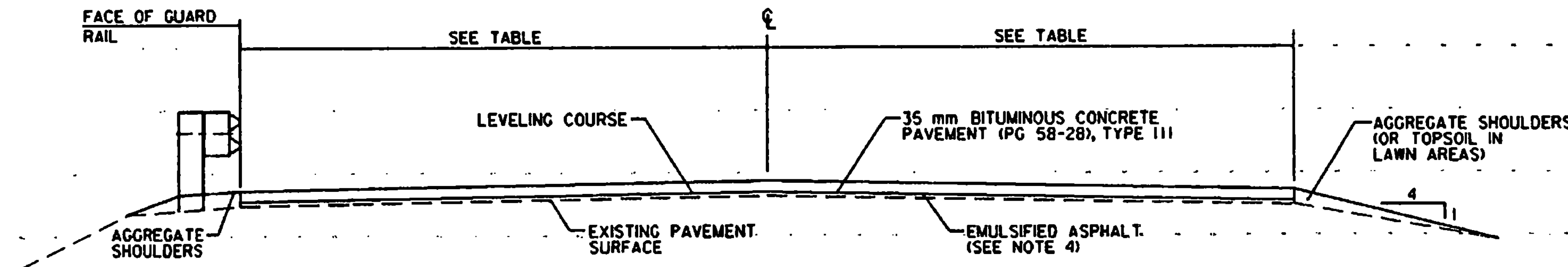
FERTILIZER:
FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

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

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

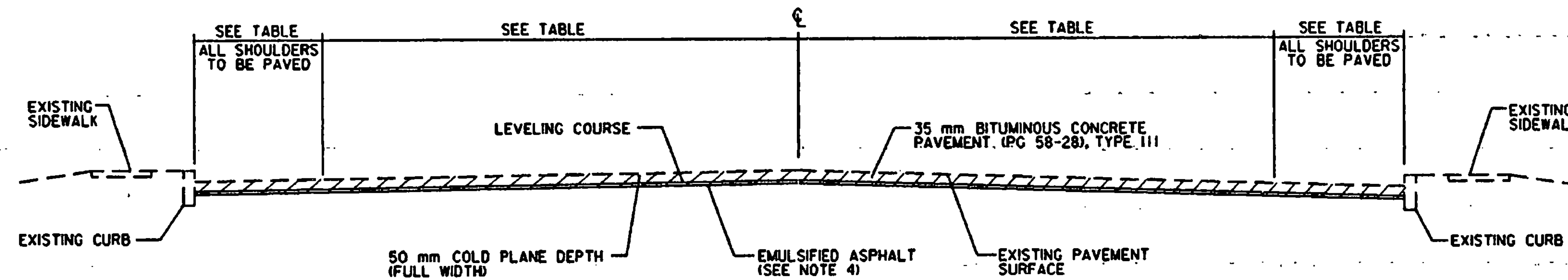
TOPSOIL:
TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

MARKER POSTS:
TO BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.



OVERLAY TYPICAL SECTION

VT. ROUTE 30 STA. 0+471.538 TO STA. 5+260.000
VT. ROUTE 30 STA. 5+460.000 TO STA. 6+518.000
VT. ROUTE 30 STA. 6+535.300 TO STA. 8+145.800
VT. ROUTE 30 STA. 8+155.800 TO STA. 8+408.822



COLD PLANE TYPICAL SECTION - CURBED

VT. ROUTE 30 STA. 5+260.000 TO STA. 5+460.000

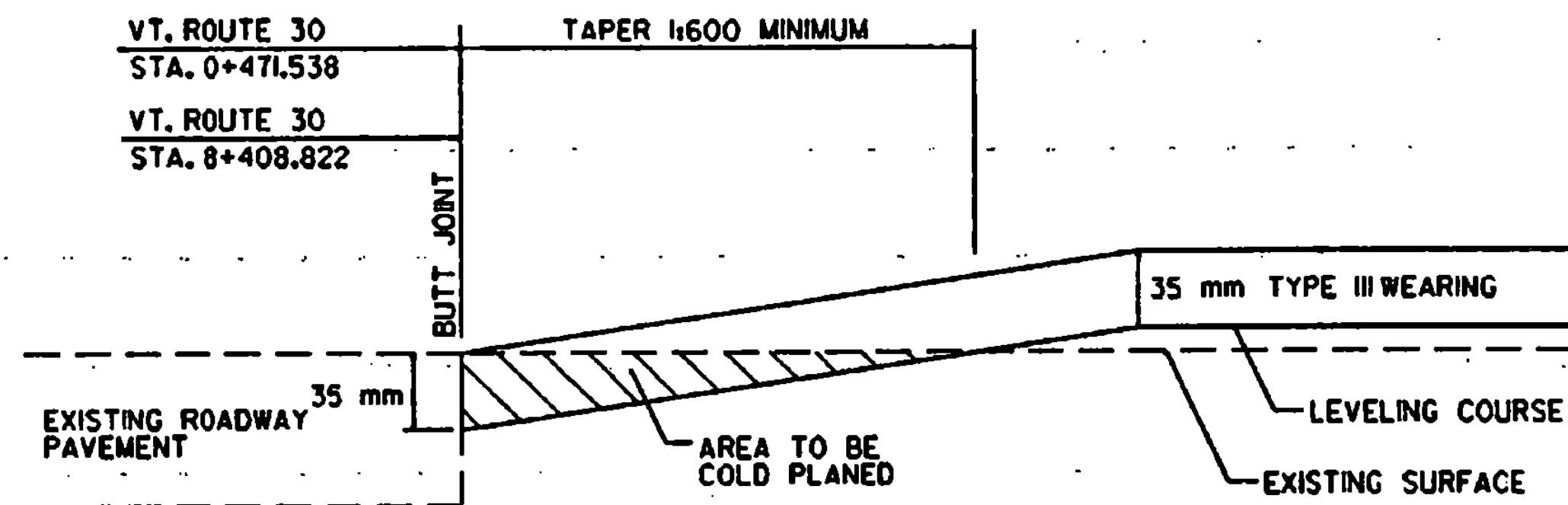
PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING	NOTES
DORSET VT. ROUTE 30	0+471.538	0+960.000	2.4 m - 3.6 m - 3.6 m - 2.4 m	35 mm	219	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	0+960.000	1+080.000	2.1 m - 3.6 m - 3.6 m - 2.1 m	35 mm	49	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	1+080.000	5+260.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	1250	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	5+260.000	5+460.000	VARIES- SEE LAYOUT SHEETS	35 mm	60	COLD PLANE 50 mm, LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	5+460.000	5+530.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	22	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	5+530.000	5+700.000	0.3 m - 3.3 m - 3.3 m - 0.3 m	35 mm	44	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	5+700.000	6+000.000	0.0 m - 3.3 m - 3.3 m - 0.0 m	35 mm	70	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	6+000.000	6+518.000	0.3 m - 3.3 m - 3.3 m - 0.3 m	35 mm	133	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	6+518.000	6+535.300	1.1 m - 3.3 m - 3.3 m - 1.2 m	-	-	BR 58 - DO NOT PAVE
DORSET VT. ROUTE 30	6+535.300	8+145.800	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	482	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III
DORSET VT. ROUTE 30	8+145.800	8+155.800	0.9 m - 3.3 m - 3.3 m - 0.9 m	-	-	BR 60 - DO NOT PAVE
DORSET VT. ROUTE 30	8+155.800	8+408.822	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	76	LEVEL WITH 15 mm TYPE IV & PAVE WITH 35 mm TYPE III

DATUM
VERTICAL N/A
HORIZONTAL N/A

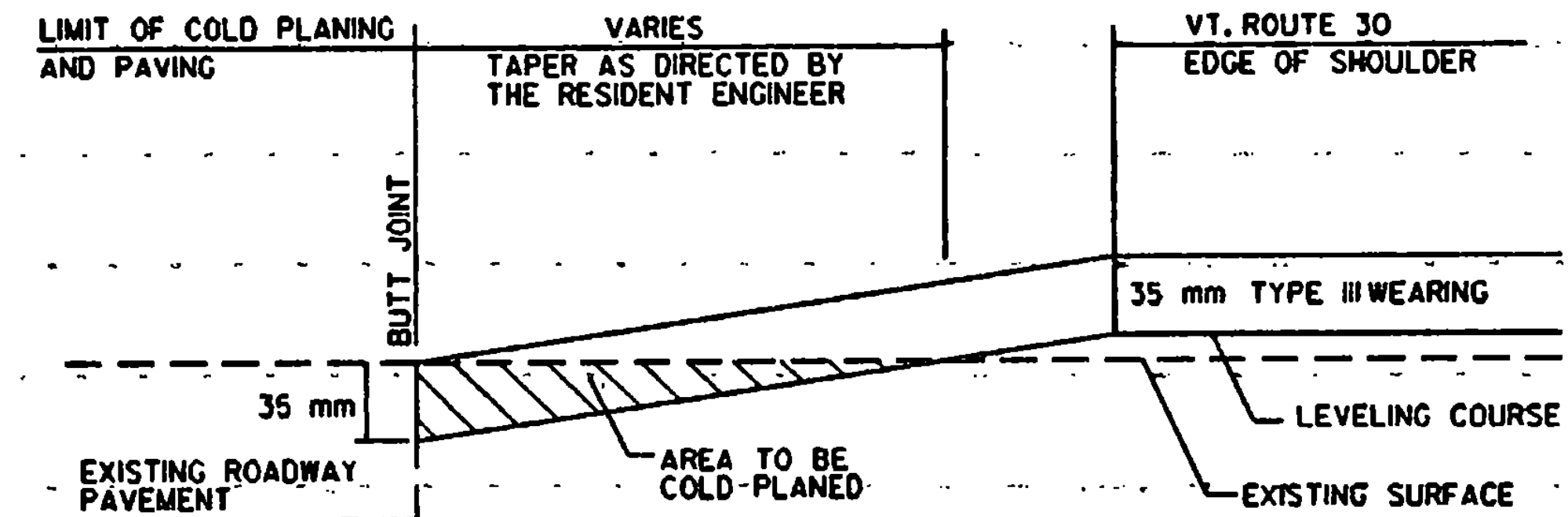
PROJECT TYPICAL SHEET

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. p096/95b022/pb022.dgn
IPARM FILE p022+y.f DATE PLOTTED 20 JAN 1998
PROJ. NAME DORSET
PROJ. NO. STP 9804115
SHEET 27 OF 43 SHEETS



APPROACH AREA DETAIL

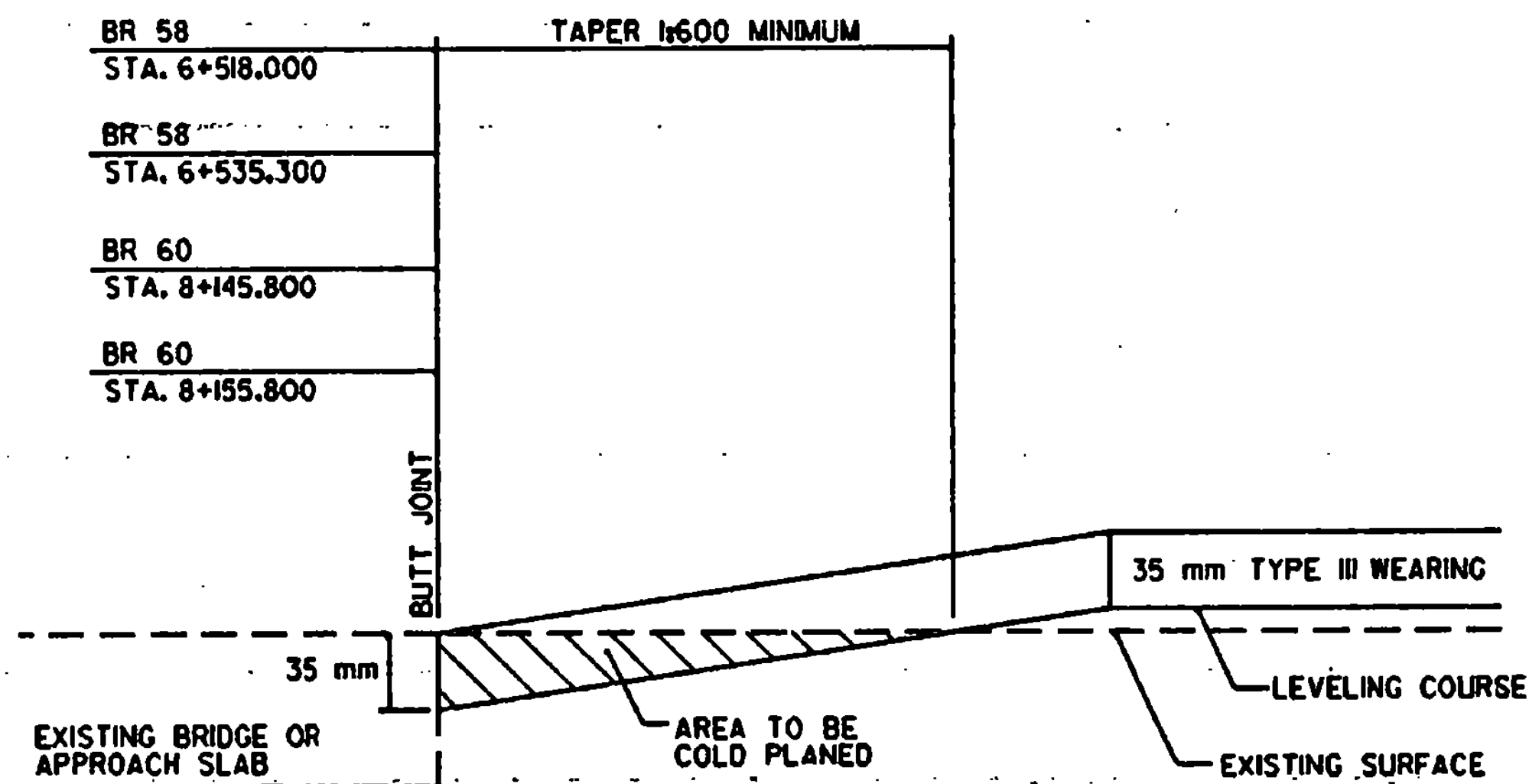
VT. ROUTE 30 STA. 0+471.538 - BEGIN OVERLAY
VT. ROUTE 30 STA. 8+408.822 - END OVERLAY



APPROACH AREA DETAIL

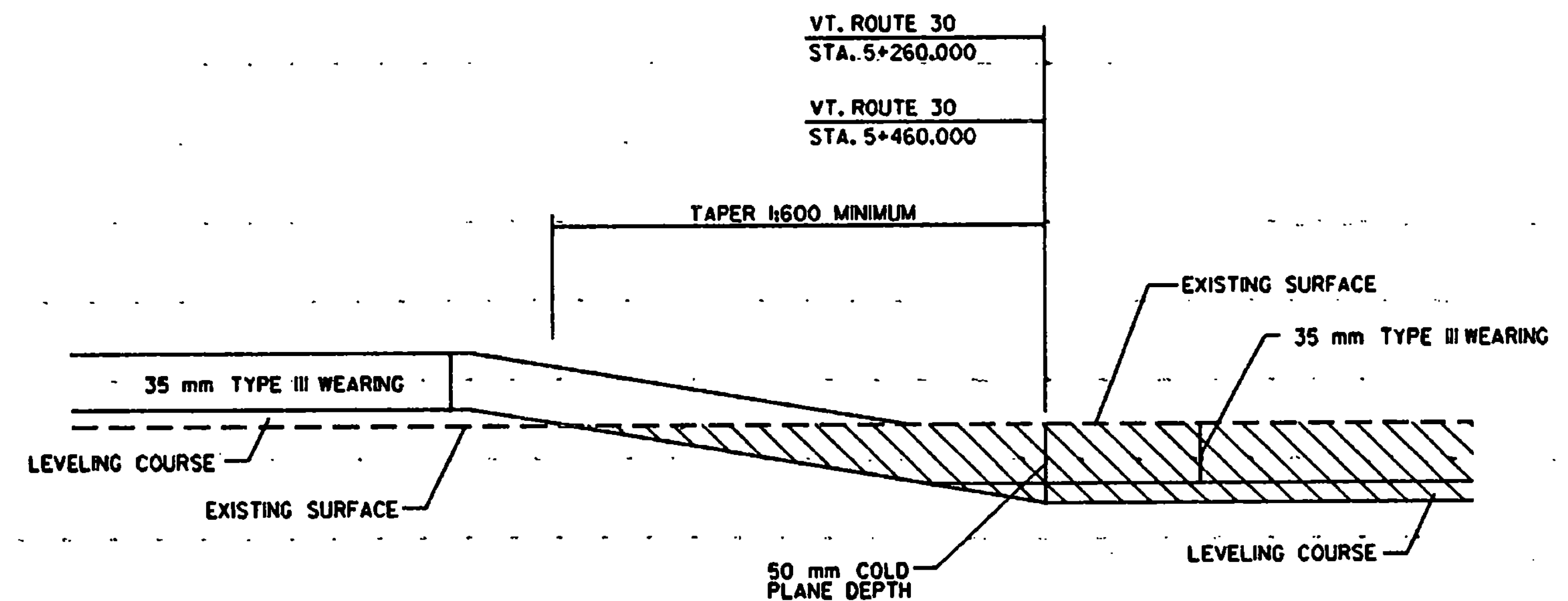
T-1
T-3
T-26
T-25
T-10

T-13
T-36
T-2
T-6
T-8



TRANSITION AREA DETAIL

VT. ROUTE 30 BR 58 STA. 6+518.000
VT. ROUTE 30 BR 58 STA. 6+535.300
VT. ROUTE 30 BR 60 STA. 8+145.800
VT. ROUTE 30 BR 60 STA. 8+155.800



TRANSITION AREA DETAIL

VT. ROUTE 30 STA. 5+260.000 END OVERLAY / BEGIN COLD PLANE
VT. ROUTE 30 STA. 5+460.000 END COLD PLANE / BEGIN OVERLAY

DATUM
VERTICAL N/A
HORIZONTAL N/A

**PAVING
DETAILS
SHEET**

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM FILE pb022d1.t DATE PLOTTED 20-JAN-1998
PROJ. NAME DORSET
PROJ. NO. STP 9504115
SHEET 28 OF 43 SHEETS

QUANTITY SHEET



DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
3500	m ²	VT. ROUTE 30
1183	m ²	SIDE ROADS
460	m ²	DRIVEWAYS
157	m ²	ROUNDING
5400	m ²	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 58-28)
2405	t	LEVELING COURSE (TYPE IV)
5629	t	WEARING COURSE (TYPE III)
181	t	SIDE ROADS
273	t	DRIVEWAYS
212	t	ROUNDING
8700	t	TOTAL

[illegible][illegible]

Metric

Sheet Number: 30

ITEM DETAIL SUMMARY SHEET



LOCATION			GUARD RAIL										DROP INLETS			DRAINAGE				MISCELLANEOUS				REMARKS
STATION	STATION	POS.	621.20		621.20	621.54	621.60	621.75	621.76	621.77	621.80	621.81	CHANGE ELEV. D.I.	REHAB. D.I.	GRATE/ TYPE	NEW PIPE				203.15	203.16	301.28	618.10	
			WOOD POST G.R.	STEEL POST G.R.	2.4 m STEEL POST G.R.	WOOD POST M.E.L.T.	ANCHOR FOR G.R.	REMOVE & RESET G.R.	REPLACE G.R. POST ASSEMBLY	REPLACE BEAM UNIT	REMOVE & DISP. G.R.	REMOVE & DISP. G.P.				DIA.	LENGTH	THICK. OF PIPE	STONE FILL/ TYPE	COMMON EXCAVATION	SOLID ROCK EXCAVATION	SUBBASE OF CRUSHED GRAVEL	P.C.C. SIDEWALK 125 mm	
			m.	m.	m.	EA	EA	m.	EA	EA	m	EA	EA	EA		mm.	m.			m ³	m ³	t.	m ²	
7+086.0	7+189.0	RT				1			12	6	12.0													REMOVE EXISTING 4.8 m RADIUS AND ANCHOR AND INSTALL NEW MELT AT STA. 7+086.0
7+124.4	7+192.8	LT				2		68.4			12.6													INSTALL NEW MELT AT STA. 7+124.4 & STA. 7+192.8
7+748.0		RT										1												
7+391.0	7+840.0	LT							18	6														
7+926.0	7+975.0	RT							4	2														
8+046.3	8+104.5	LT			58.2		2				57.5													SEE VAOT STANDARD SHEET G-1D. PROVIDE ANCHOR AT STA. 8+048.8 & STA. 8+102.0
8+125.1	8+129.5	LT		4.4			1				4.4													SEE VAOT STANDARD SHEET G-1D. PROVIDE ANCHOR AT STA. 8+127.6
8+131.6	8+136.0	RT		4.4			1				4.4													SEE VAOT STANDARD SHEET G-1D. PROVIDE ANCHOR AT STA. 8+134.1
8+157.0	8+170.0	RT						2	1															
8+248.0		LT										1												
SHEET SUBTOTAL				8.8	58.2	3	4	68.4	36	15	90.9	2												
SHEET 30 SUBTOTAL				238.0	95.0	9	4	7.6	-	-	404.3	12												
ROUNDING				13.2	6.8	-	-	4.0	-	-	24.8	-												
TOTAL				260.0	160.0	12	8	80.0	36	15	520.0	14												

DATUM
VERTICAL N/A
HORIZONTAL N/A

ITEM
DETAIL
SHEET 2

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM FILE pb0221021 DATE PLOTTED 20-JAN-1998
PROJ. NAME DORSET
PROJ. NO. STP 9604(IIS)
SHEET 31 OF 43 SHEETS

646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C RT
STA. 0+471.538 - STA. 1+540.000 S - S
STA. 0+808.000 DOUBLE SOLID LT, DORSET WEST ROAD
STA. 1+211.000 DOUBLE SOLID RT, MORSE HILL ROAD

646.6 TEMPORARY 100 mm YELLOW LINE

(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C RT
STA. 0+471.538 - STA. 1+540.000 S - S
STA. 0+808.000 DOUBLE SOLID LT, DORSET WEST ROAD
STA. 1+211.000 DOUBLE SOLID RT, MORSE HILL ROAD

675.50 REMOVING SIGNS

AS SHOWN - 8

646.46 DURABLE 600 mm STOP BAR

STA. 0+808.000 LT, DORSET WEST ROAD
STA. 1+211.000 RT, MORSE HILL ROAD

646.66 TEMPORARY 600 mm STOP BAR

STA. 0+808.000 LT, DORSET WEST ROAD
STA. 1+211.000 RT, MORSE HILL ROAD

646.50 DURABLE LETTER OR SYMBOL

STA. 0+808.000 LT, DORSET WEST ROAD, "S.T.O.P." (4 EA)
STA. 1+211.000 RT, MORSE HILL ROAD, "S.T.O.P." (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

STA. 0+808.000 LT, DORSET WEST ROAD, "S.T.O.P." (4 EA)
STA. 1+211.000 RT, MORSE HILL ROAD, "S.T.O.P." (4 EA)

646.40 DURABLE 100 mm WHITE LINE

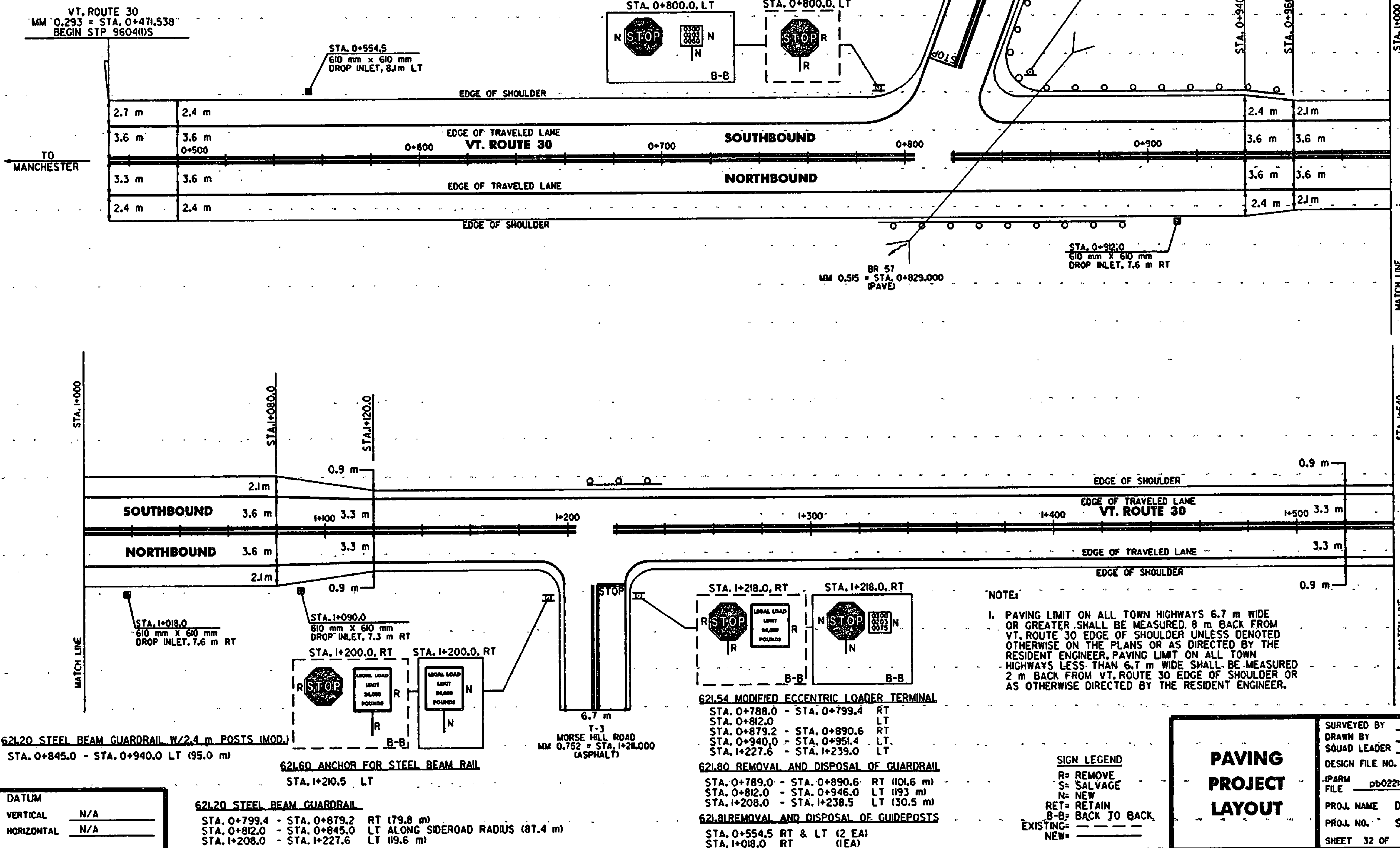
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

STA. 0+471.538 - STA. 1+540.000 LT & RT

646.60 TEMPORARY 100 mm WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

STA. 0+471.538 - STA. 1+540.000 LT & RT



DATUM
VERTICAL N/A
HORIZONTAL N/A

621.20 STEEL BEAM GUARDRAIL

STA. 0+799.4 - STA. 0+879.2 RT (79.8 m)
STA. 0+812.0 - STA. 0+845.0 LT (33.3 m)
STA. 1+208.0 - STA. 1+227.6 LT (19.6 m)

621.54 MODIFIED ECCENTRIC LOADER TERMINAL

STA. 0+788.0 - STA. 0+799.4 RT
STA. 0+812.0 - STA. 0+845.0 LT
STA. 0+879.2 - STA. 0+890.6 RT
STA. 0+940.0 - STA. 0+951.4 LT
STA. 1+227.6 - STA. 1+239.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 0+789.0 - STA. 0+890.6 RT (101.6 m)
STA. 0+812.0 - STA. 0+946.0 LT (134.8 m)
STA. 1+208.0 - STA. 1+238.5 LT (30.5 m)

621.8 REMOVAL AND DISPOSAL OF GUIDEPOSTS

STA. 0+554.5 RT & LT (2 EA)
STA. 1+018.0 RT (1 EA)

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING=
NEW=

**PAVING
PROJECT
LAYOUT**

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM db022011 DATE PLOTTED 20-JAN-1998
FILE
PROJ. NAME DORSET
PROJ. NO. STP 9604(115)
SHEET 32 OF 43 SHEETS



646.41 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C RT
STA. 1+540.000 - STA. 2+620.000 S - S
STA. 1+841.000 DOUBLE SOLID LT, CROSS ROAD

646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

LT C RT
STA. 1+540.000 - STA. 2+620.000 S - S
STA. 1+841.000 DOUBLE SOLID LT, CROSS ROAD

646.50 DURABLE LETTER OR SYMBOL

STA. 1+841.000 LT, CROSS ROAD, "S.T.O.P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

STA. 1+841.000 LT, CROSS ROAD, "S.T.O.P" (4 EA)

646.46 DURABLE 600 mm STOP BAR

STA. 1+841.000 LT, CROSS ROAD

646.66 TEMPORARY 600 mm STOP BAR

STA. 1+841.000 LT, CROSS ROAD

675.50 REMOVING SIGNS

AS SHOWN - 4

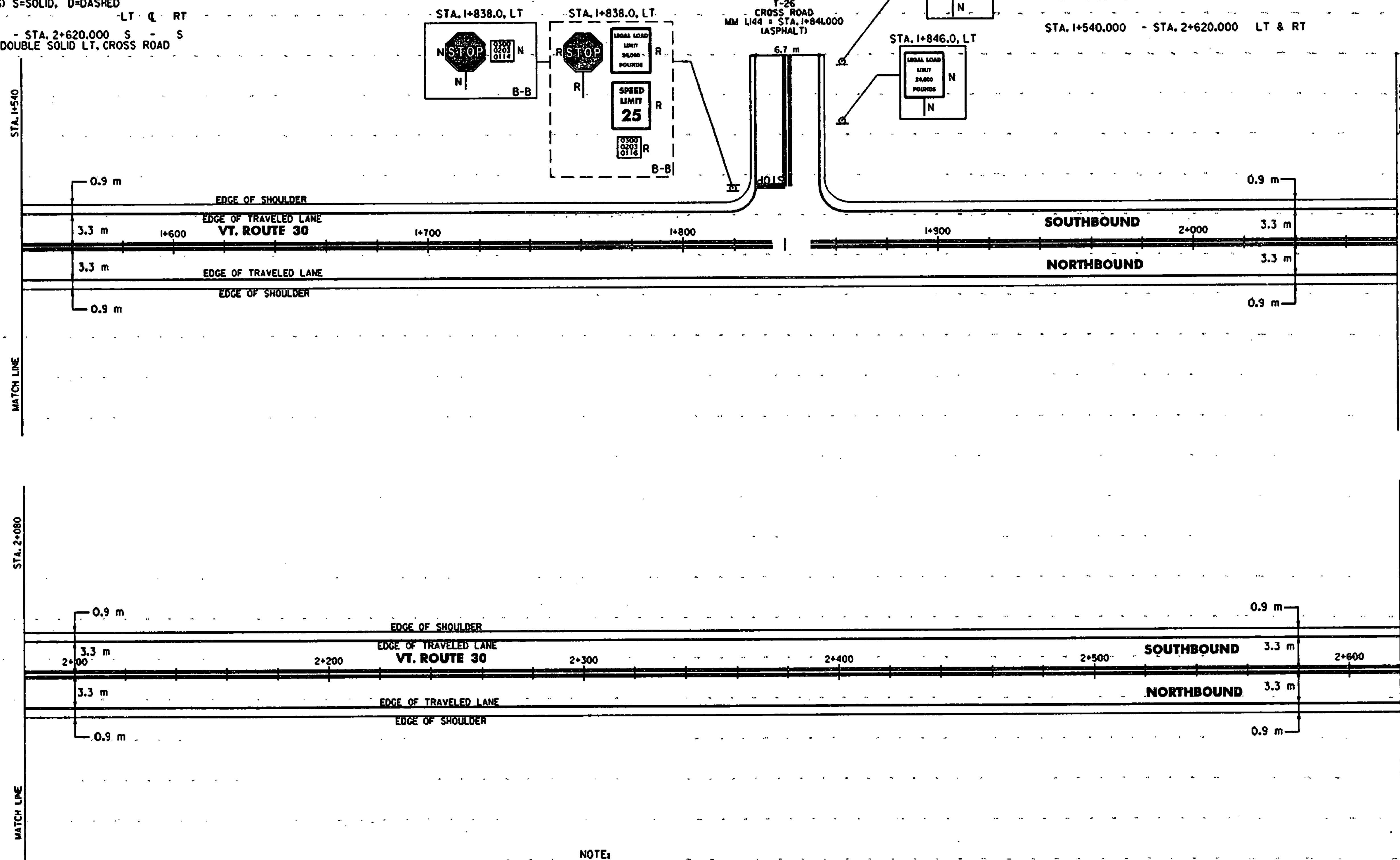
646.40 DURABLE 100 mm WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

STA. 1+540.000 - STA. 2+620.000 LT & RT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

STA. 1+540.000 - STA. 2+620.000 LT & RT



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= _____
NEW= _____

PAVING
PROJECT
LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM FILE pb02202.1 DATE PLOTTED 20-JAN-1998
PROJ. NAME DORSET
PROJ. NO. STP 9604111S
SHEET 33 OF 43 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL N/A

621.81 REMOVAL AND DISPOSAL OF GUIDEPOSTS

STA. 2+139.0 RT (1EA)
STA. 2+273.0 LT (1EA)
STA. 2+594.0 RT (1EA)

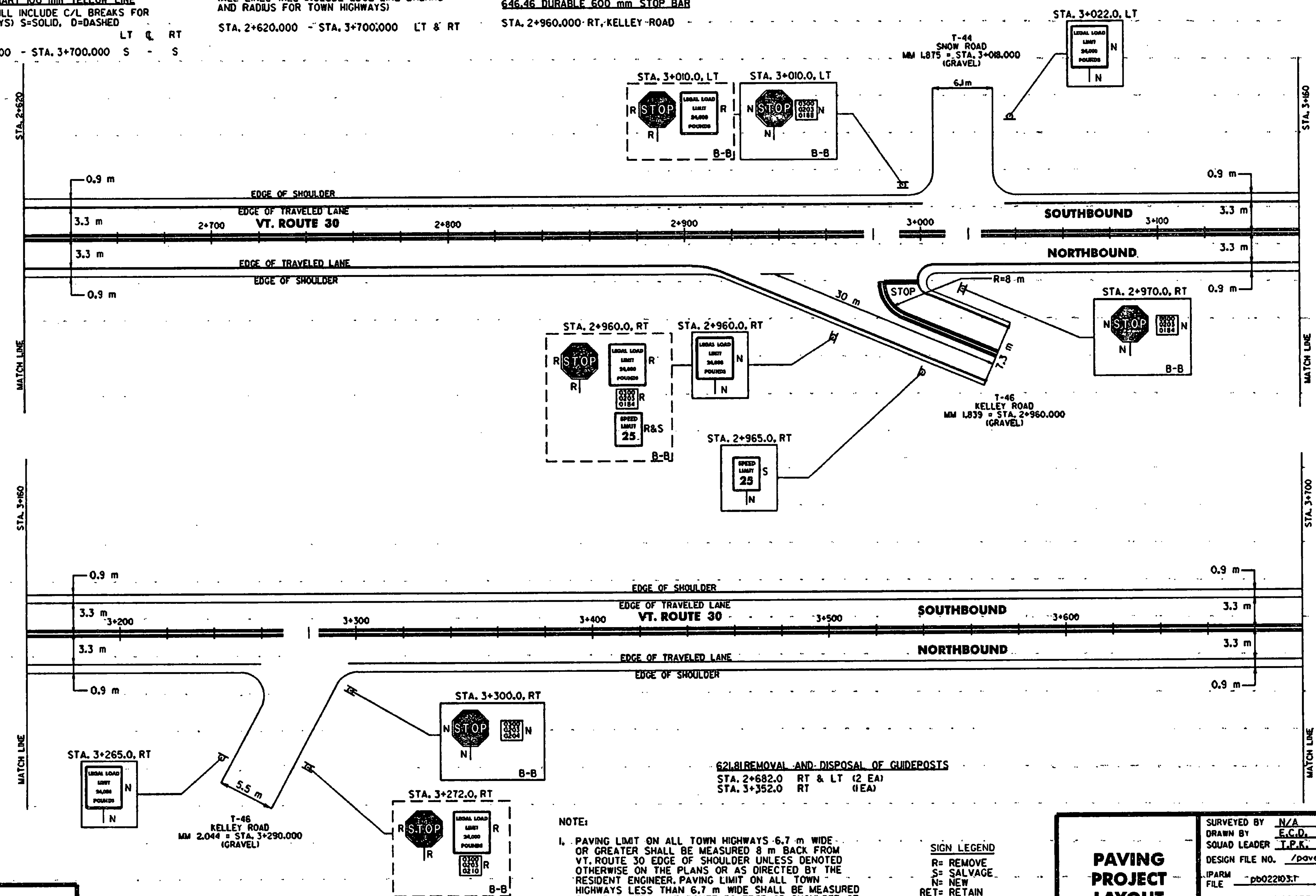


646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
LT C RT
STA. 2+620.000 - STA. 3+700.000 S - S
STA. 2+960.000 DOUBLE SOLID RT (KELLEY ROAD)
646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
LT C RT
STA. 2+620.000 - STA. 3+700.000 S - S

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
STA. 2+620.000 - STA. 3+700.000 LT & RT
646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
STA. 2+620.000 - STA. 3+700.000 LT & RT

646.50 DURABLE LETTER OR SYMBOL
STA. 2+960.000 RT, KELLEY ROAD, 'S,T,O,P' (4 EA)
646.46 DURABLE 600 mm STOP BAR
STA. 2+960.000 RT, KELLEY ROAD

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1
675.50 REMOVING SIGNS
AS SHOWN - 9



DATUM
VERTICAL N/A
HORIZONTAL N/A

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND
R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= _____
NEW= _____

PAVING PROJECT LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM FILE pb02203.T DATE PLOTTED 20 JAN 1998
PROJ. NAME DORSET
PROJ. NO. STP 9604HIS
SHEET 34 OF 43 SHEETS



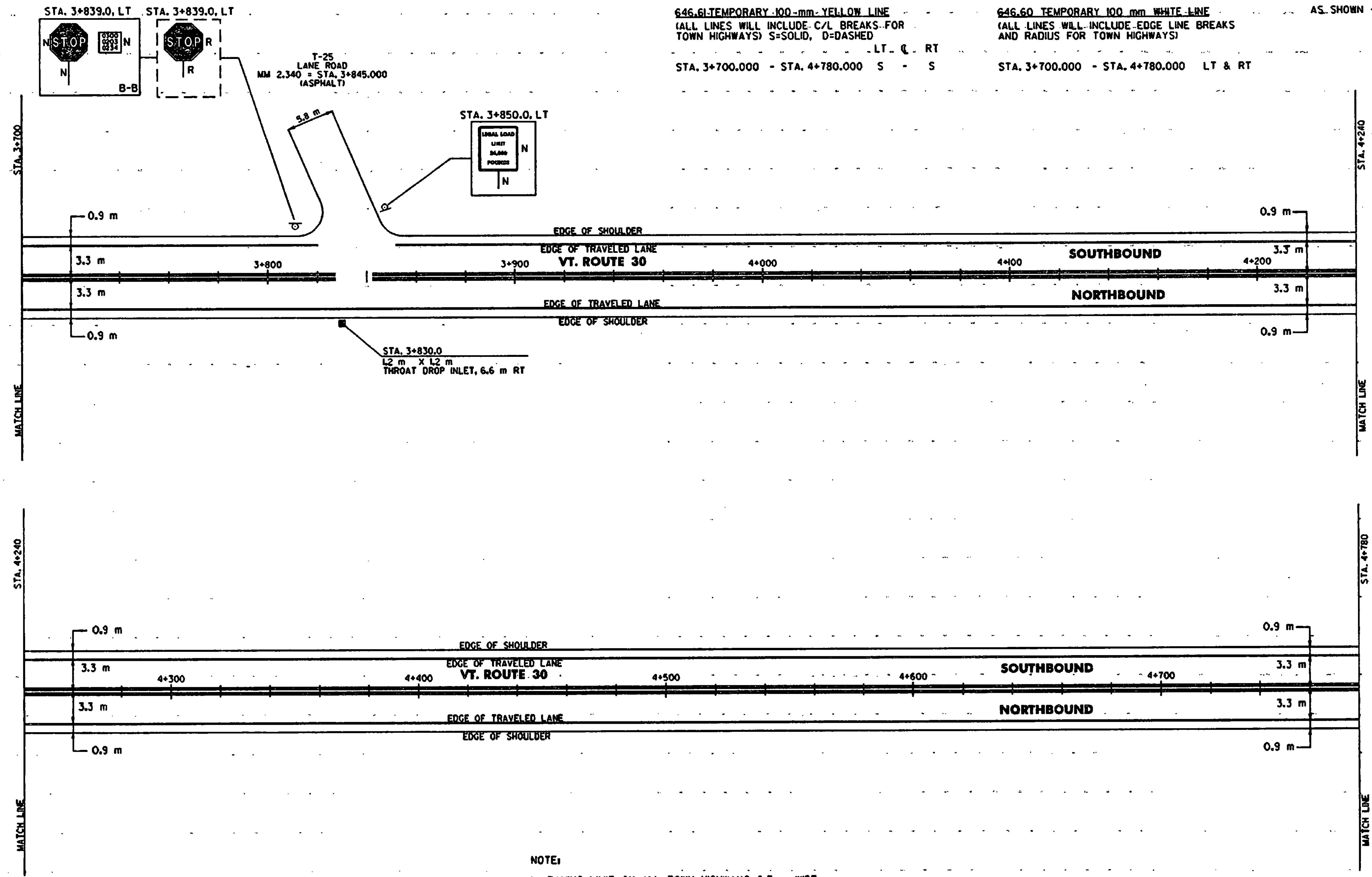
646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

675.50 REMOVING SIGNS
AS SHOWN - 1

646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND

R= REMOVE
S= SALVAGE
N= NEW
RET= RETAIN
B-B= BACK TO BACK
EXISTING= _____
NEW= _____

PAVING
PROJECT
LAYOUT

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	E.C.D.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/95b022/pb022.dgn		
IPARM FILE	pb022041	DATE PLOTTED	20-JAN-1998
PROJ. NAME	DORSET		
PROJ. NO.	STP 960411S		
SHEET	35 OF 43	SHEETS	

CHANGE ELEVATION OF DI, CB, OR MH
REHABILITATION OF DI, CB, OR MH
SEE NOTE 6, SHEET 27 OF 43
STA. 3+830.0 RT

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

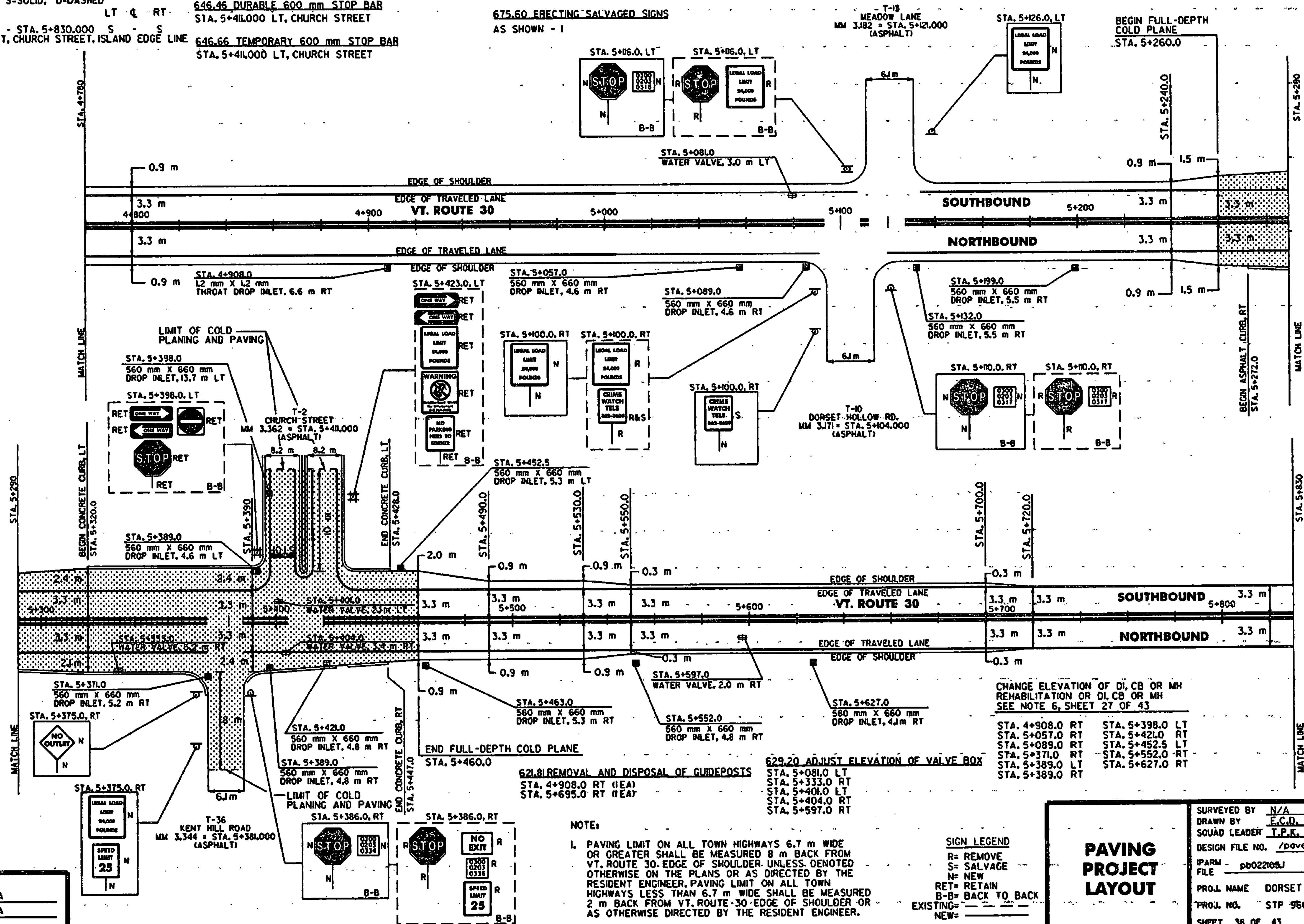
646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
LT & RT
STA. 4+780.000 - STA. 5+830.000 S - S
STA. 5+411.000 LT, CHURCH STREET, ISLAND EDGE LINE

646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
LT & RT
STA. 4+780.000 - STA. 5+830.000 S - S
STA. 5+411.000 LT, CHURCH STREET, ISLAND EDGE LINE

675.50 REMOVING SIGNS
AS SHOWN - 10
646.50 DURABLE LETTER OR SYMBOL
STA. 5+411.000 LT, CHURCH STREET, "S,T,O,P" (4 EA)
646.70 TEMPORARY LETTER OR SYMBOL
STA. 5+411.000 LT, CHURCH STREET, "S,T,O,P" (4 EA)
646.46 DURABLE 600 mm STOP BAR
STA. 5+411.000 LT, CHURCH STREET
646.66 TEMPORARY 600 mm STOP BAR
STA. 5+411.000 LT, CHURCH STREET

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
STA. 4+780.000 - STA. 5+830.000 LT & RT
646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
STA. 4+780.000 - STA. 5+830.000 LT & RT
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

646.8 PAINTED CURB
STA. 5+411.000 LT, CHURCH STREET, 25.0 m



DATUM
VERTICAL N/A
HORIZONTAL N/A

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30. EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30. EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

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

PAVING PROJECT LAYOUT

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM - pb02205J DATE PLOTTED 20-JAN-1998
FILE
PROJ. NAME DORSET
PROJ. NO. STP 9604075
SHEET 36 OF 43 SHEETS

Sheet Number: 37



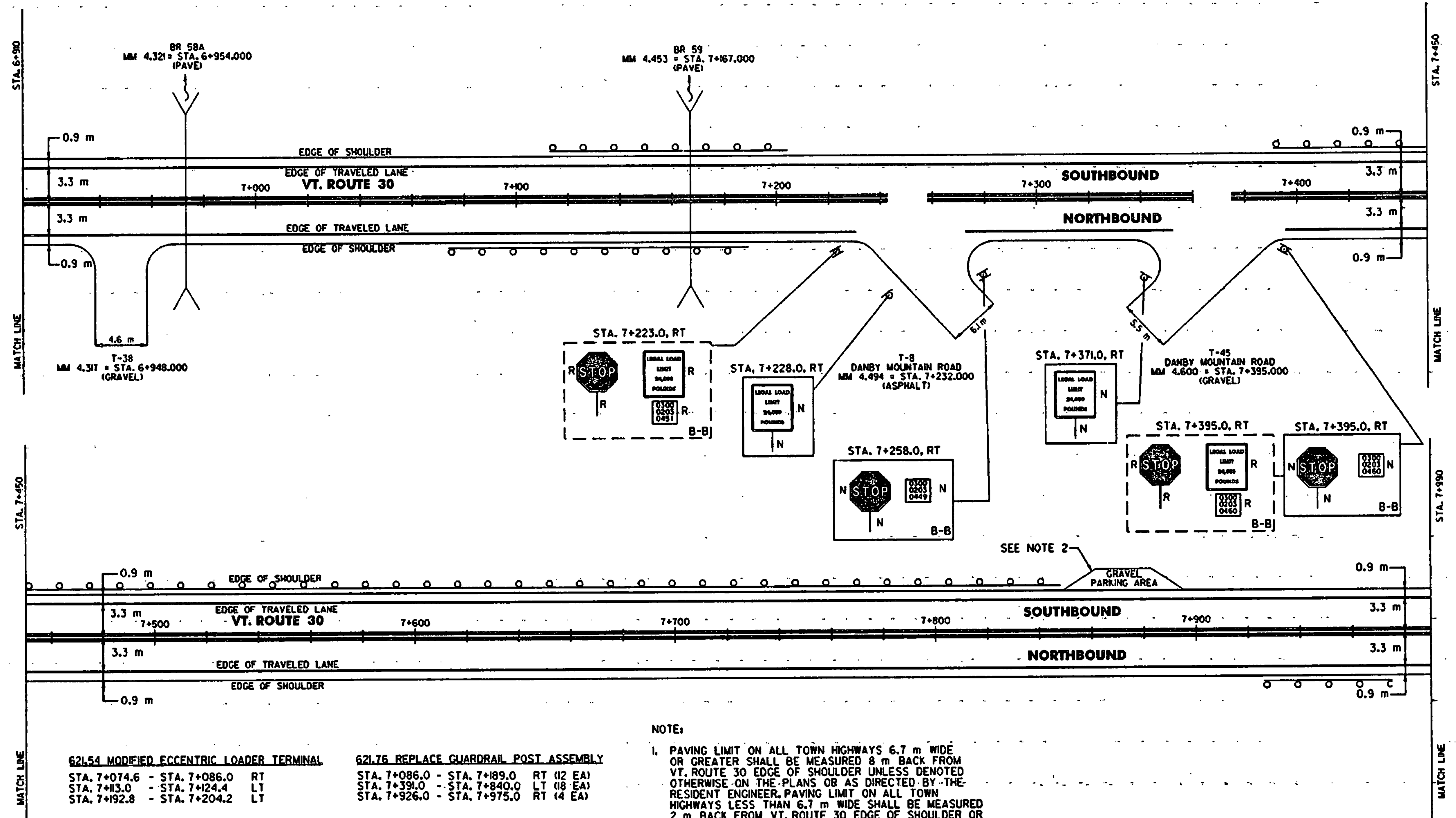
646.41 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
LT & RT
STA. 6+910.000 - STA. 7+990.000 S - S

646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
LT & RT
STA. 6+910.000 - STA. 7+990.000 S - S

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
STA. 6+910.000 - STA. 7+990.000 LT & RT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
STA. 6+910.000 - STA. 7+990.000 LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 6



621.54 MODIFIED ECCENTRIC LOADER TERMINAL
STA. 7+074.6 - STA. 7+086.0 RT
STA. 7+113.0 - STA. 7+124.4 LT
STA. 7+192.8 - STA. 7+204.2 LT

621.75 REMOVING AND RESET GUARDRAIL
STA. 7+124.4 - STA. 7+192.8 LT (68.4 m)

621.76 REPLACE GUARDRAIL POST ASSEMBLY
STA. 7+086.0 - STA. 7+189.0 RT (12 EA)
STA. 7+391.0 - STA. 7+840.0 LT (18 EA)
STA. 7+926.0 - STA. 7+975.0 RT (4 EA)

621.77 REPLACE GUARDRAIL BEAM UNIT
STA. 7+086.0 - STA. 7+189.0 RT (6 EA)
STA. 7+391.0 - STA. 7+840.0 LT (6 EA)
STA. 7+926.0 - STA. 7+975.0 RT (2 EA)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 7+074.0 - STA. 7+086.0 RT (12.0 m)
STA. 7+120.0 - STA. 7+124.4 LT (4.4 m)
STA. 7+192.8 - STA. 7+204.0 LT (8.2 m)

621.81 REMOVAL AND DISPOSAL OF GUIDEPOSTS
STA. 7+148.0 RT (1EA)

NOTE:

- PAVING LIMIT ON ALL TOWN HIGHWAYS 6.7 m WIDE OR GREATER SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAVING LIMIT ON ALL TOWN HIGHWAYS LESS THAN 6.7 m WIDE SHALL BE MEASURED 2 m BACK FROM VT. ROUTE 30 EDGE OF SHOULDER OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- PROVIDE A 35 mm TYPE III 1.5 m WIDE APRON FOR THE EXISTING PARKING AREA. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID UNDER ITEM 608.25.

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

**PAVING
PROJECT
LAYOUT**

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/95b022/pb022.dgn
IPARM FILE p5022107.r DATE PLOTTED 20-JAN-1998
PROJ. NAME DORSET
PROJ. NO. STP 9504(IIS)
SHEET 38 OF 43 SHEETS

DATUM
VERTICAL N/A
HORIZONTAL N/A

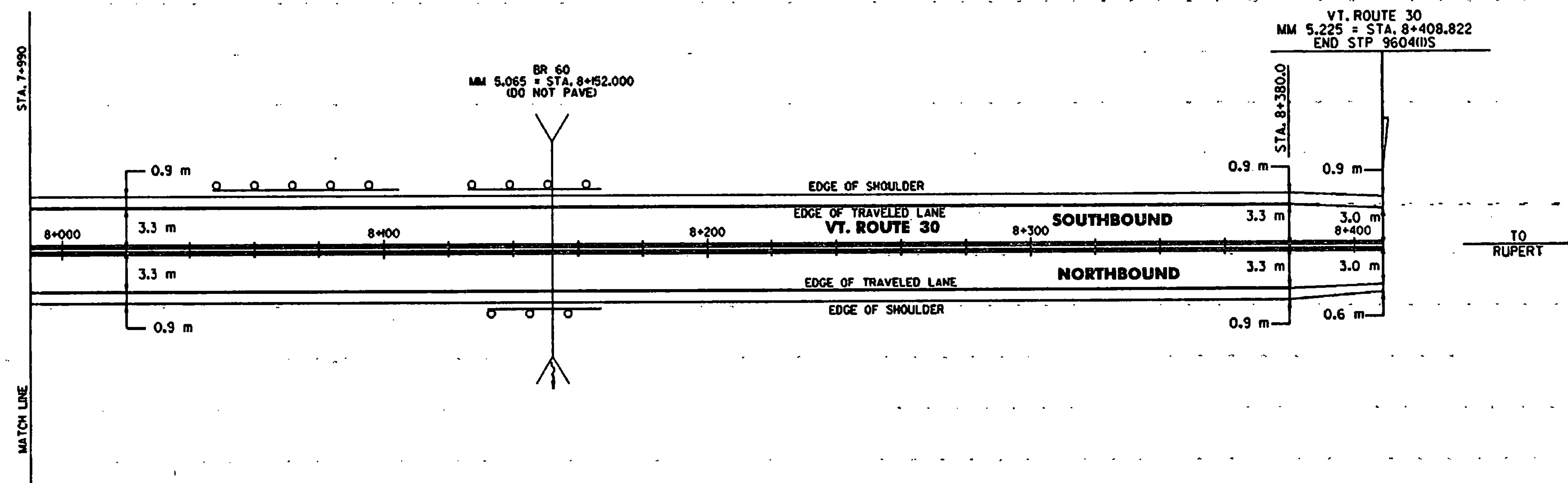


646.4 DURABLE 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
LT C RT
STA. 7+990.000 - STA. 8+408.822 S - S

646.6 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
LT C RT
STA. 7+990.000 - STA. 8+408.822 S - S

646.40 DURABLE 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
STA. 7+990.000 - STA. 8+408.822 LT & RT

646.60 TEMPORARY 100 mm WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
STA. 7+990.000 - STA. 8+408.822 LT & RT



621.20 STEEL BEAM GUARDRAIL
STA. 8+125.1 - STA. 8+129.5 LT (4.4 m)
STA. 8+131.6 - STA. 8+136.0 RT (4.4 m)

621.20 STEEL BEAM GUARDRAIL W/2.4 m POSTS (MOD.)
STA. 8+046.3 - STA. 8+104.5 LT (58.2 m)

621.60 ANCHOR FOR STEEL BEAM-RAIL
STA. 8+048.8 LT
STA. 8+102.0 LT
STA. 8+127.6 LT
STA. 8+134.1 RT

621.76 REPLACE GUARDRAIL POST ASSEMBLY
STA. 8+157.0 - STA. 8+170.0 RT (12 EA)

621.77 REPLACE GUARDRAIL BEAM UNIT
STA. 8+157.0 - STA. 8+170.0 RT (12 EA)

621.8 REMOVAL AND DISPOSAL OF GUIDEPOSTS
STA. 8+248.0 LT (1 EA)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 8+047.0 - STA. 8+104.5 LT (57.5 m)
STA. 8+125.1 - STA. 8+129.5 LT (4.4 m)
STA. 8+131.6 - STA. 8+136.0 RT (4.4 m)

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	E.C.D.	DATE	11/97
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/95b022/pb022.dgn		
TEAM FILE	pb022008.1	DATE PLOTTED	20-JAN-1998
PROJ. NAME	DORSET		
PROJ. NO.	STP 960411S		
SHEET	39 OF 43	SHEETS	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET



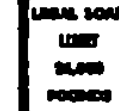
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST REPLACE SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		E A	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER					
											kg/m	44	50	63	75	100	100 MOD	75	89	100	125	FTG. SIZE	WEIGHT	POST SIZE									
OPTION ITEMS																																	
DORSET:																																	
0+800. 0, LT			750	750	0.56				1			X			X	X															E-143		
			150	200	0.03																										E-138		
0+817. 0, LT			600	750	0.45				1			X			X	X																E-141	
1+200. 0, RT			600	750	0.45				1			X			X	X																E-141	
1+218. 0, RT			750	750	0.56				1			X			X	X																E-143	
			150	200	0.03																											E-138	
1+838. 0, LT			750	750	0.56				1			X			X	X																E-143	
			150	200	0.03																											E-138	
1+846. 0, LT			600	750	0.45				1			X			X	X																E-141	
1+846. 0, LT			600	750	0.45				1			X			X	X																E-142	
2+960. 0, RT			600	750	0.45				1			X			X	X																E-141	
2+965. 0, RT									1			X			X	X																SALVAGED SIGN TO BE MOUNTED ON NEW POST	
2+970. 0, RT			750	750	0.56				1			X			X	X																E-143	
			150	200	0.03																											E-138	
3+010. 0, LT			750	750	0.56				1			X			X	X																E-143	
			150	200	0.03																											E-138	
3+022. 0, LT			600	750	0.45				1			X			X	X																E-141	
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 & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."		TOTALS		m ²	m ²	EA.	m ²					55.2			55.2																		

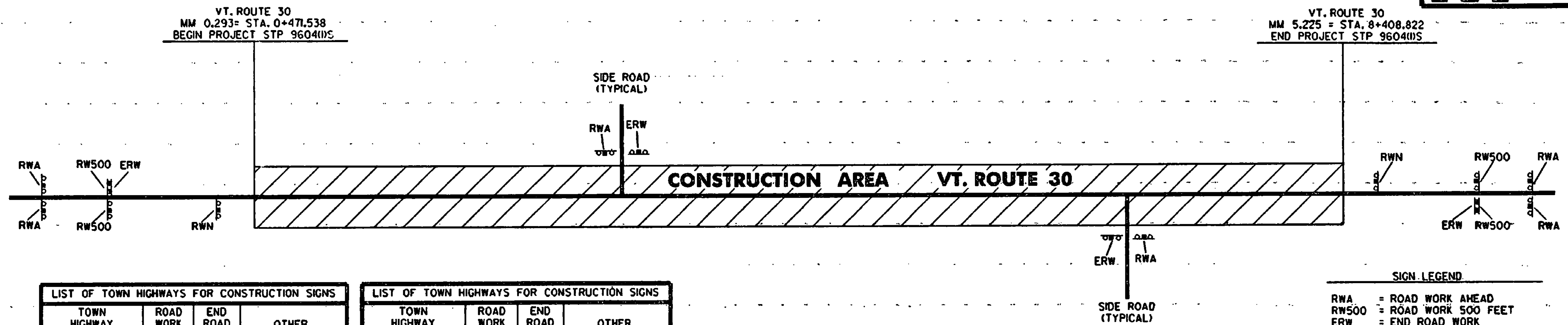
Metric

Sheet Number: 41

TRAFFIC SIGN SUMMARY SHEET



KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RE TAIN	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (mm)			ANCHOR	S L U E R	NEW SIGN POSTS TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL			REMARKS	SIGN DETAIL									
				"A"	"B"	SALV SIGN	SALV TIS			L7	3.0	4.5	44	50	63			75	100	100 MOD.	FOUND- ATION	75	89	100	125	FTG. SIZE			WEIGHT	POST SIZE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
		kg/m	kg/m																							kg/m	kg/m						kg/m	kg/m	kg/m	kg/m	600 mm	750 mm
DORSET: 6+050. 0. RT		1	750	750	0.56						X			X	X																	E-155						
6+182. 0. RT		1	750	750	0.56						X			X	X																E-143							
6+182. 0. RT		1	600	750	0.45						X			X	X																E-141							
6+182. 0. RT		1									X			X	X																SALVAGED SIGN TO BE MOUNTED ON NEW POST							
6+192. 0. RT	 	1	750	750	0.56						X			X	X																	E-143						
		1	150	200	0.03																											E-138						
6+312. 0. LT		1	750	750	0.56						X			X	X																	E-155						
		1	750	750	0.56																											E-153						
7+228. 0. RT		1	600	750	0.45						X			X	X																	E-141						
7+258. 0. RT	 	1	750	750	0.56						X			X	X																	E-143						
		1	150	200	0.03																											E-138						
7+371. 0. RT		1	600	750	0.45						X			X	X																	E-141						
7+395. 0. RT	 	1	750	750	0.56						X			X	X																	E-143						
		1	150	200	0.03																											E-138						
SHEET SUBTOTAL					5.36		1				46.0			46.0																								

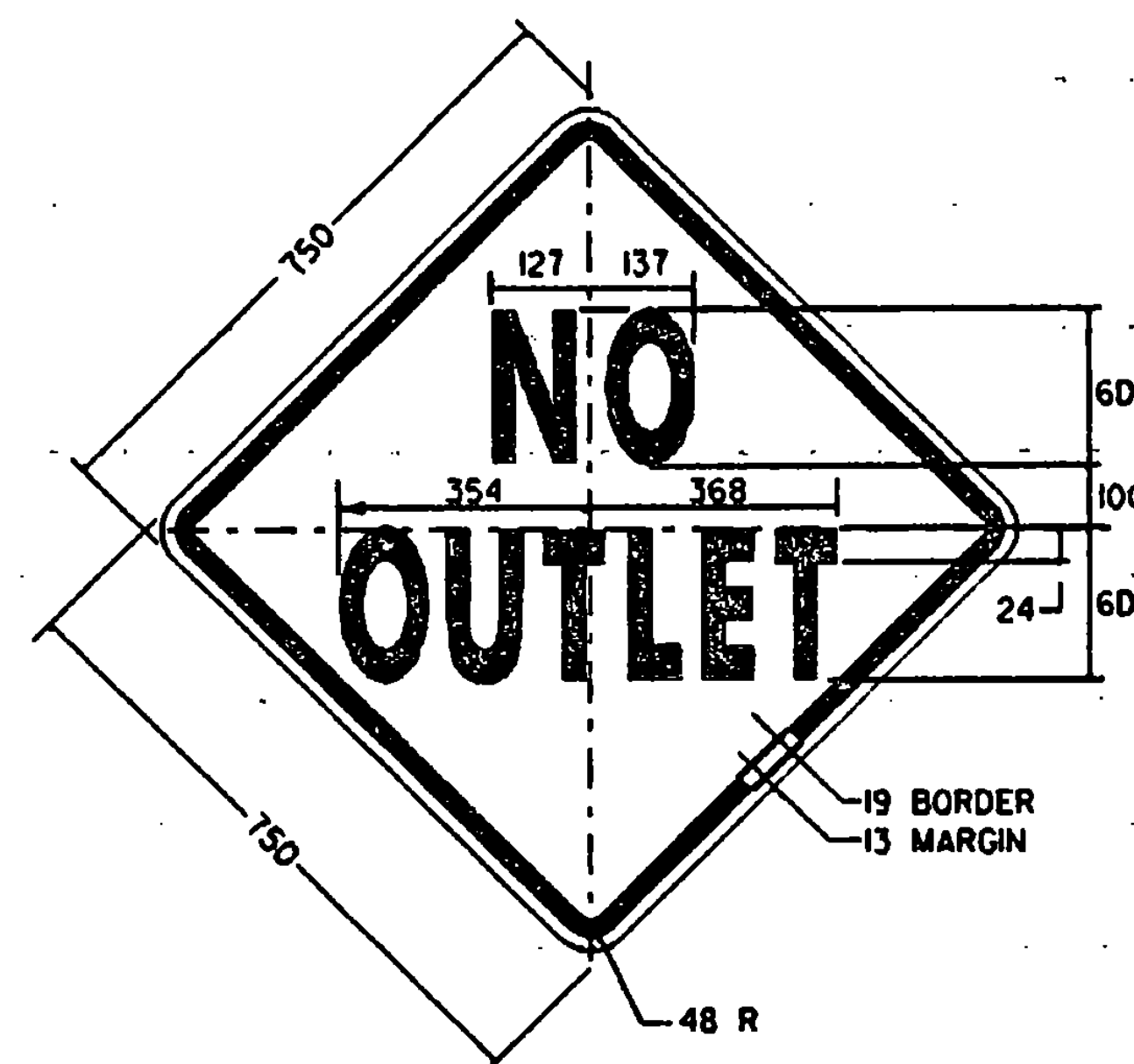


LIST OF TOWN HIGHWAYS FOR CONSTRUCTION SIGNS			
TOWN HIGHWAY NUMBER	ROAD WORK AHEAD	END ROAD WORK	OTHER
T-13	1	1	
T-36	1	1	
T-2	1	1	
T-6	1	1	
T-38	-	-	
T-8	1	1	
T-45	1	1	
END PROJECT	2	1	2 - RW500 1 - RWN
TOTAL	18	16	6

SIGN LEGEND

RWA	=	ROAD WORK AHEAD
RW500	=	ROAD WORK 500 FEET
ERW	=	END ROAD WORK
SRW	=	SIDE ROAD WORK AHEAD
SRW500	=	SIDE ROAD WORK 500 FEET
RWN	=	ROAD WORK NEXT 5 MILES

CONSTRUCTION APPROACH SIGNING
SEE STD. E-100 FOR ADDITIONAL SIGN PLACEMENT



COLOR: BLACK BORDER & TEXT
YELLOW BACKGROUND
MATERIAL: PER VAOT STANDARD E-153
SGN - VT. ROUTE 30
STA. 5+375.0, RT

ALL DIMENSIONS IN MILLIMETERS EXCEPT
WHERE OTHERWISE INDICATED.

CONSTRUCTION APPROACH SIGNING & TRAFFIC SIGN DETAIL SHEET

SURVEYED BY N/A DATE N/A
DRAWN BY E.C.D. DATE 11/97
SQUAD LEADER I.P.K.
DESIGN FILE NO. /pove/95B022/pb022.dgn
IPARM DATE
FILE pb022ca.t PLOTTED 20-JAN-1998
PROJ. NAME DORSET
PROJ. NO. STP 960410S
SHEET 43 OF 43 SHEETS

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A