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SB-R6-82M	BRIDGE RAILING HEAVY DUTY STEEL BEAM	07-10-97

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-x-
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	SR
SLOPE RIGHTS	○-○-○-○
TOP OF CUT	△-△-△-△
TOE OF SLOPE	○-○-○-○

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN VT

RESIDENT ENGINEER: T. COURSE

CONSTRUCTION BEGAN: AUGUST 15, 2005

CONSTRUCTION COMPLETE: NOVEMBER 14, 2005

RECORD PLANS BY: T. COURSE & E. FOSTER

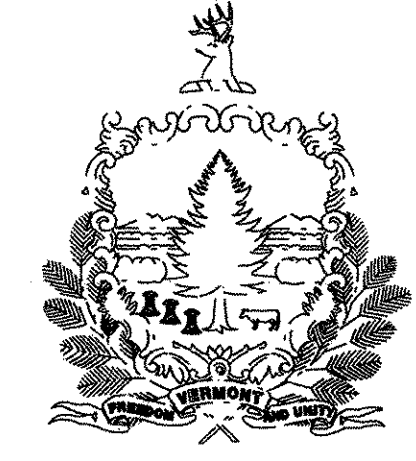
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY NJC & Dave Aspinale, Inc. RESIDENT ENGINEER
 DATE 9/12/06

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.



STATE OF VERMONT
AGENCY OF TRANSPORTATION

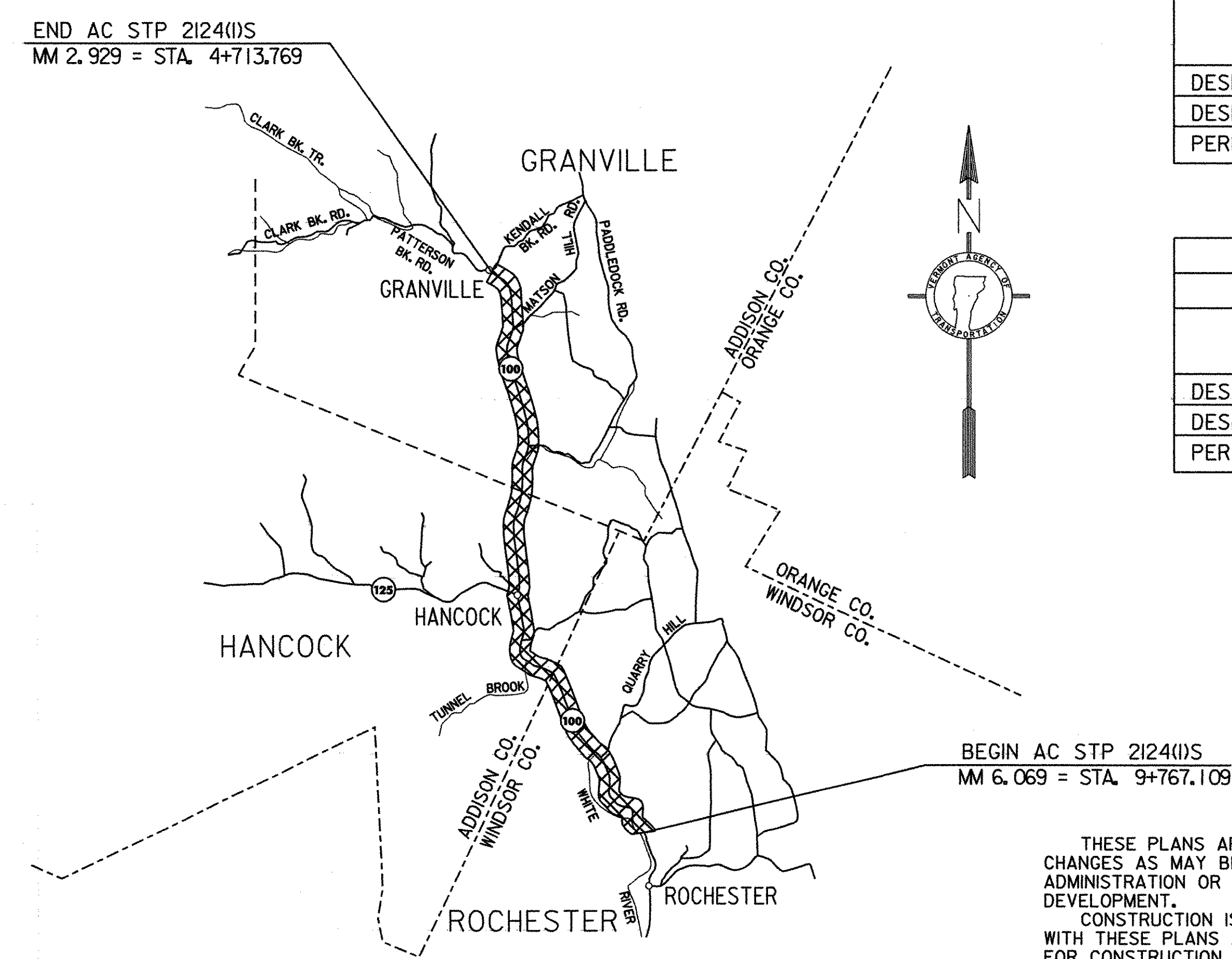


PROPOSED IMPROVEMENT
TOWNS OF ROCHESTER, HANCOCK
AND GRANVILLE
COUNTIES OF WINDSOR AND ADDISON
VT. ROUTE 100

BEGINNING IN THE TOWN OF ROCHESTER AT MILE MARKER 6.069 = STA. 9+767.109 AND EXTENDING NORTHERLY ALONG VT. ROUTE 100 FOR A DISTANCE OF 12 470.807 m (7.749 MILES) THROUGH THE TOWN OF HANCOCK TO A POINT IN GRANVILLE AT MILE MARKER 2.929 = STA. 4+713.769.

LENGTH OF ROADWAY 12 470.807 m (7.749 MILES)
LENGTH OF PROJECT 12 470.807 m (7.749 MILES)

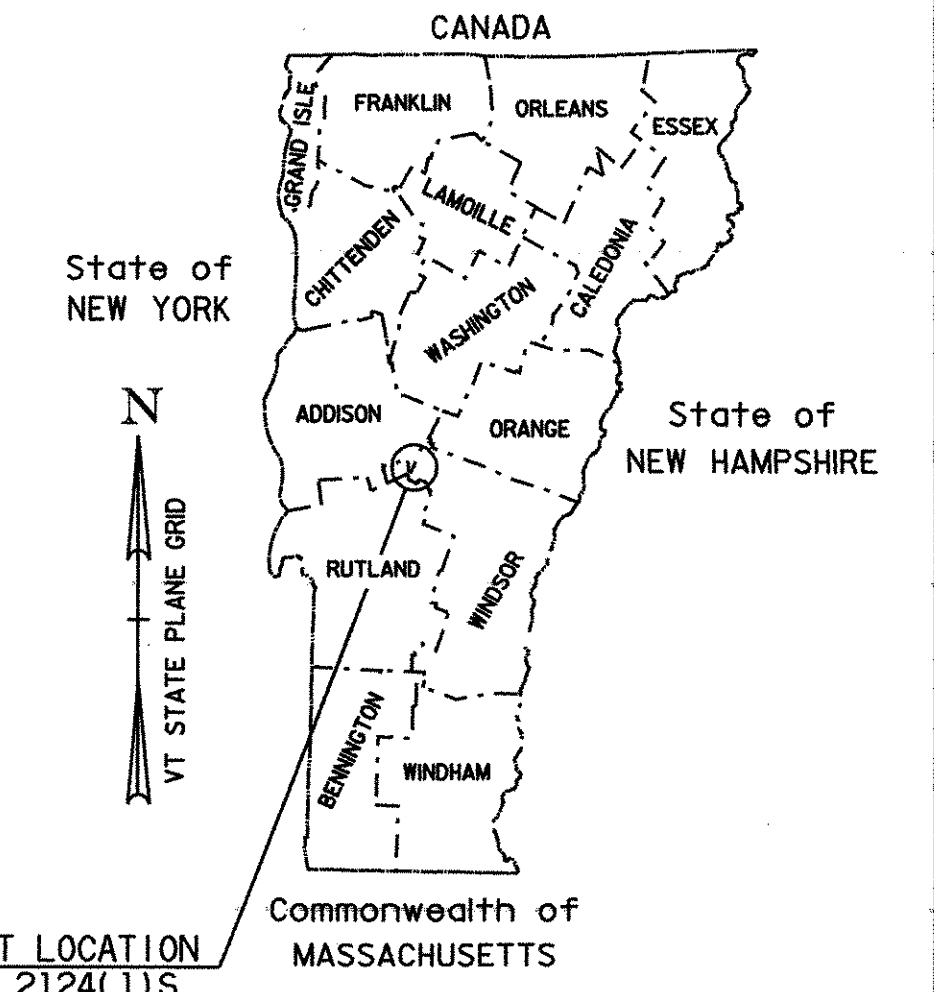
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING WITH A SHIM / LEVELING COURSE AND WEARING COURSE, COLD PLANING, NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS AND INCIDENTAL ITEMS.



BEGIN AC STP 2124(I)S
MM 6.069 = STA. 9+767.109

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



PROJECT LOCATION
AC STP 2124(I)S

TRAFFIC DATA

VT. ROUTE 100 (BEGIN PROJECT TO VT. ROUTE 125)	2005 ADT = 3800
	2005 DHV = 450
	2015 ADT = 4400
	2015 DHV = 510
	2005 ~ 2015 CUM. ESALS = 767,000
VT. ROUTE 100 (VT. ROUTE 125 TO END PROJECT)	2005 ADT = 1700
	2005 DHV = 240
	2015 ADT = 2000
	2015 DHV = 270
	2005 ~ 2015 CUM. ESALS = 375,000

CATEGORY II WORK PLAN EXPERIMENTAL SECTIONS	
ROCHESTER MM STA. 6.069 TO HANCOCK MM STA. 0.000	
HANCOCK MM STA. 2.000 TO GRANVILLE MM STA. 2.929	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL(20 YEAR)	1,007,500
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

CATEGORY II WORK PLAN STANDARD/CONTROL SECTION	
HANCOCK MM STA. 0.000 TO HANCOCK MM STA. 2.000	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL(20 YEAR)	1,007,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

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

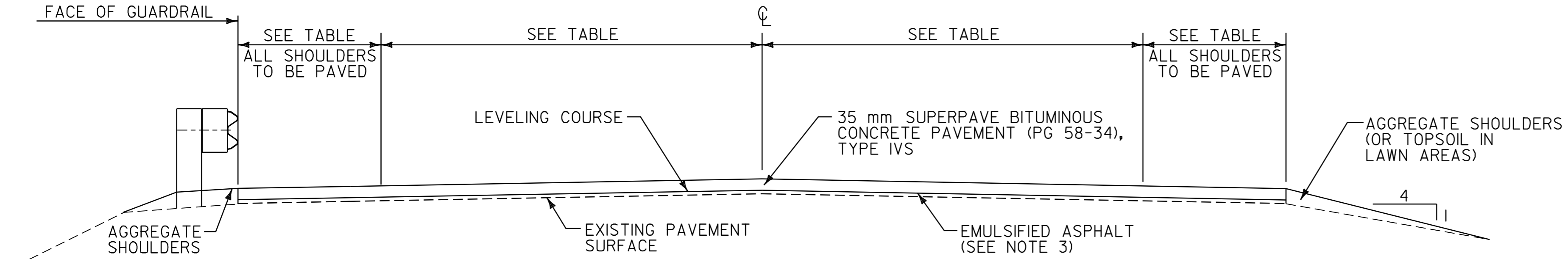
APPROVED Rob Johnson DATE 5/16/05
DIRECTOR OF PROGRAM DEVELOPMENT

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT MANAGER: MARK WOOLAYER

PROJECT ROCHESTER - GRANVILLE
AC STP 2124(I)S
SHEET 1 OF 49 SHEETS



OVERLAY TYPICAL SECTION (50 GYRATION SECTIONS)

VT. ROUTE 100 ROCHESTER	STA. 9+767.109	TO ROCHESTER	STA. 11+542.309
VT. ROUTE 100 ROCHESTER	STA. 11+574.309	TO ROCHESTER	STA. 13+455.725
VT. ROUTE 100 HANCOCK	STA. 3+218.688	TO HANCOCK	STA. 4+068.422
VT. ROUTE 100 GRANVILLE	STA. 0+000.000	TO GRANVILLE	STA. 0+667.143
VT. ROUTE 100 GRANVILLE	STA. 0+691.143	TO GRANVILLE	STA. 1+538.580
VT. ROUTE 100 GRANVILLE	STA. 1+554.580	TO GRANVILLE	STA. 3+318.623
VT. ROUTE 100 GRANVILLE	STA. 3+337.623	TO GRANVILLE	STA. 4+397.384
VT. ROUTE 100 GRANVILLE	STA. 4+415.384	TO GRANVILLE	STA. 4+713.769

OVERLAY TYPICAL SECTION (75 GYRATION SECTION)

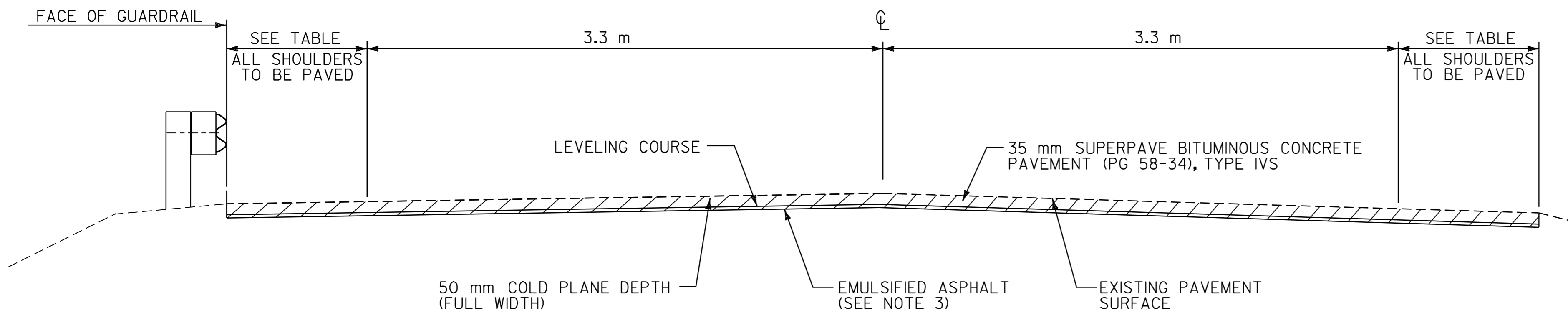
VT. ROUTE 100 HANCOCK	STA. 0+000.000	TO HANCOCK	STA. 1+860.000
VT. ROUTE 100 HANCOCK	STA. 2+060.000	TO HANCOCK	STA. 3+218.688

A CATEGORY II WORK PLAN HAS BEEN DEVELOPED FOR THIS PROJECT TO COMPARE THE RESULTS OF 50 GYRATION SUPERPAVE MIX AGAINST 75 GYRATION SUPERPAVE MIX. A COPY OF THE WORK PLAN HAS BEEN INCLUDED AS A SUPPLEMENTAL SPECIFICATION IN THE PROJECT SPECIAL PROVISIONS.

THE TYPE OF SUPERPAVE MIX USED ON INDIVIDUAL TOWN HIGHWAY APPROACHES, BRIDGES, DRIVE APRONS, PULLOUTS, ETC. SHALL MATCH THE MIX TYPE BEING PLACED ON MAINLINE IN THAT PARTICULAR TEST SECTION.

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
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 EXCAVATION OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
3. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
5. ALL DRIVEWAYS, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL MAILBOX TURNOUTS SHALL HAVE THE EXISTING EDGE OF PAVEMENT BACKED-UP WITH COLD PLANE GRINDINGS PRIOR TO THE PLACEMENT OF THE PAVED APRON. ALL GRAVEL PULLOUTS SHALL HAVE 100 mm OF COLD PLANE GRINDINGS PLACED ON THE EXISTING SURFACE AND COMPACTED. THE CONTRACTOR SHALL COMPLETE THIS WORK USING COLD PLANE GRINDINGS PRODUCED DURING THE CONSTRUCTION OF THIS PROJECT. COMPENSATION FOR THE PLACEMENT OF THESE GRINDINGS SHALL BE MADE UNDER PAY ITEM 402.12, AGGREGATE SHOULDERS (MOD.).
6. DITCHING MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL SECTION 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 DITCHING MATERIAL AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
7. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW MEDIUM DUTY BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
8. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 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.
9. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS SHALL ONLY BE PAID WHERE INDICATED IN THE PLANS. ALL PAVING, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS, AROUND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
10. TREATED TIMBER CURB SHALL BE BACKED-UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF AGGREGATE SHOULDER MATERIAL HAS BEEN INCLUDED IN THE PLANS.
11. AN ESTIMATED QUANTITY OF ITEM 613.10 STONE FILL, TYPE I HAS BEEN INCLUDED TO REPAIR THE EXISTING SIDE SLOPES AND TO LINE DITCHES AS DIRECTED BY THE RESIDENT ENGINEER.



COLD PLANE TYPICAL SECTION (75 GYRATION SECTION)

VT. ROUTE 100 HANCOCK	STA. 1+860.000	TO HANCOCK	STA. 1+913.557
VT. ROUTE 100 HANCOCK	STA. 1+929.557	TO HANCOCK	STA. 2+060.000

PROJECT PAVING LIMITS (50 GYRATION SECTIONS)

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
ROCHESTER VT. ROUTE 100	9+767.109	10+480.000	2.5 m - 3.6 m - 3.6 m - 2.5 m	35 mm	312	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
ROCHESTER VT. ROUTE 100	10+480.000	10+760.000	1.2 m - 3.6 m - 3.6 m - 1.2 m	35 mm	96	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
ROCHESTER VT. ROUTE 100	10+760.000	11+400.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	193	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
ROCHESTER VT. ROUTE 100	11+400.000	11+542.309	2.2 m - 3.6 m - 3.6 m - 2.2 m	35 mm	59	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
ROCHESTER VT. ROUTE 100	11+542.309	11+574.309	2.2 m - 3.6 m - 3.6 m - 2.2 m	30 mm	-	BR 144, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
ROCHESTER VT. ROUTE 100	11+574.309	11+750.000	2.2 m - 3.6 m - 3.6 m - 2.2 m	35 mm	73	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
ROCHESTER VT. ROUTE 100	11+750.000	13+455.725	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	514	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
HANCOCK VT. ROUTE 100	3+218.688	4+068.422	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	257	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	0+000.000	0+240.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	72	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	0+240.000	0+667.143	2.5 m - 3.6 m - 3.6 m - 2.5 m	35 mm	191	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	0+667.143	0+691.143	2.2 m - 3.6 m - 3.6 m - 2.2 m	30 mm	-	BR 147, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
GRANVILLE VT. ROUTE 100	0+691.143	0+920.000	2.5 m - 3.6 m - 3.6 m - 2.5 m	35 mm	100	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	0+920.000	1+538.580	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	187	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	1+538.580	1+554.580	0.9 m - 3.3 m - 3.3 m - 0.9 m	30 mm	-	BR 148, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
GRANVILLE VT. ROUTE 100	1+554.580	3+318.623	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	534	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	3+318.623	3+337.623	0.9 m - 3.3 m - 3.3 m - 0.9 m	30 mm	-	BR 152, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
GRANVILLE VT. ROUTE 100	3+337.623	3+425.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	27	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	3+425.000	3+470.000	0.9 m - 3.3 m - 3.3 m - 3.0 m	35 mm	17	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	3+470.000	3+860.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	118	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	3+860.000	4+280.000	0.6 m - 3.3 m - 3.3 m - 0.6 m	35 mm	118	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	4+280.000	4+397.384	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	36	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
GRANVILLE VT. ROUTE 100	4+397.384	4+415.384	1.2 m - 3.3 m - 3.3 m - 1.2 m	30 mm	-	BR 153, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
GRANVILLE VT. ROUTE 100	4+415.384	4+713.769	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	90	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS

PROJECT PAVING LIMITS (75 GYRATION SECTION)

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
HANCOCK VT. ROUTE 100	0+000.000	1+860.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	563	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
HANCOCK VT. ROUTE 100	1+860.000	1+913.557	1.8 m - 3.3 m - 3.3 m - 1.8 m	35 mm	19	COLD PLANE 50 mm, LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
HANCOCK VT. ROUTE 100	1+913.557	1+929.557	1.8 m - 3.3 m - 3.3 m - 1.8 m	30 mm	-	BR 145, COLD PLANE 30 mm & PAVE WITH 30 mm TYPE IVS
HANCOCK VT. ROUTE 100	1+929.557	1+960.000	1.8 m - 3.3 m - 3.3 m - 1.8 m	35 mm	16	COLD PLANE 50 mm, LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
HANCOCK VT. ROUTE 100	1+960.000	2+060.000	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	30	COLD PLANE 50 mm, LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS
HANCOCK VT. ROUTE 100	2+060.000	3+218.688	0.9 m - 3.3 m - 3.3 m - 0.9 m	35 mm	351	LEVEL WITH 15 mm TYPE IVS & PAVE WITH 35 mm TYPE IVS

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE				
% WT.	kg/ha.	NAME	PUR. %	GERM. %
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.

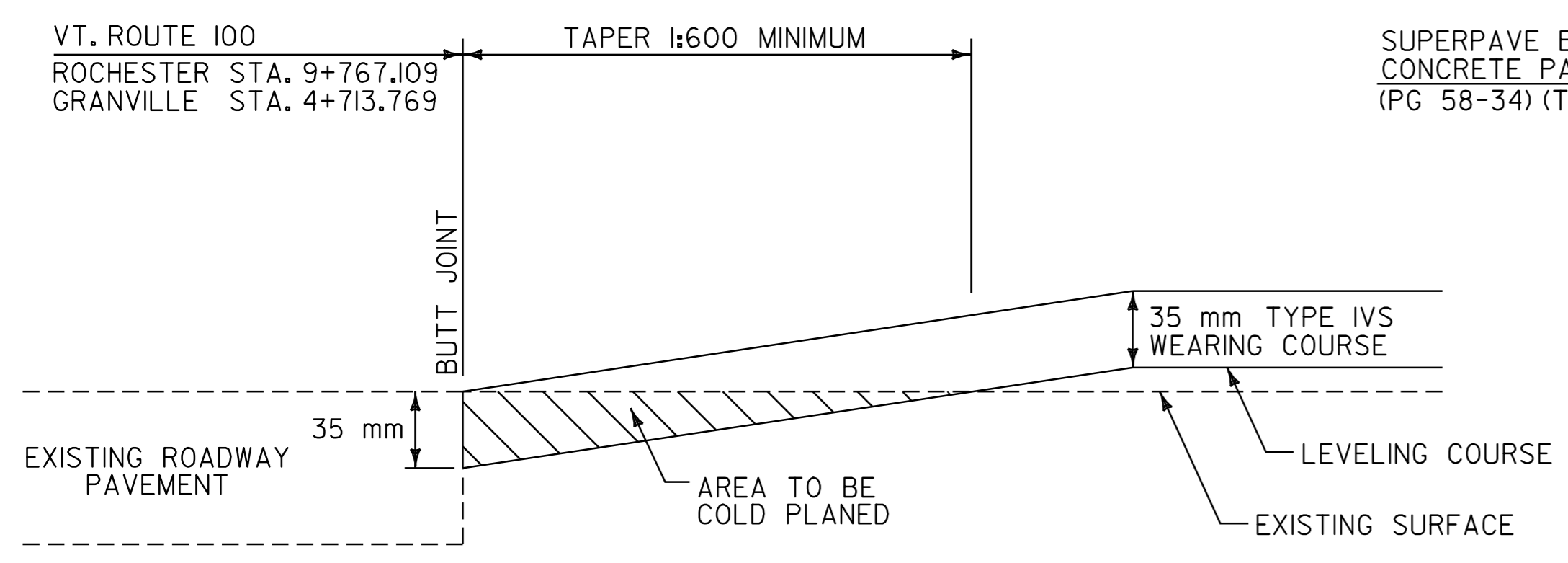
HAY MULCH:
TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

PROJECT TYPICAL SHEET

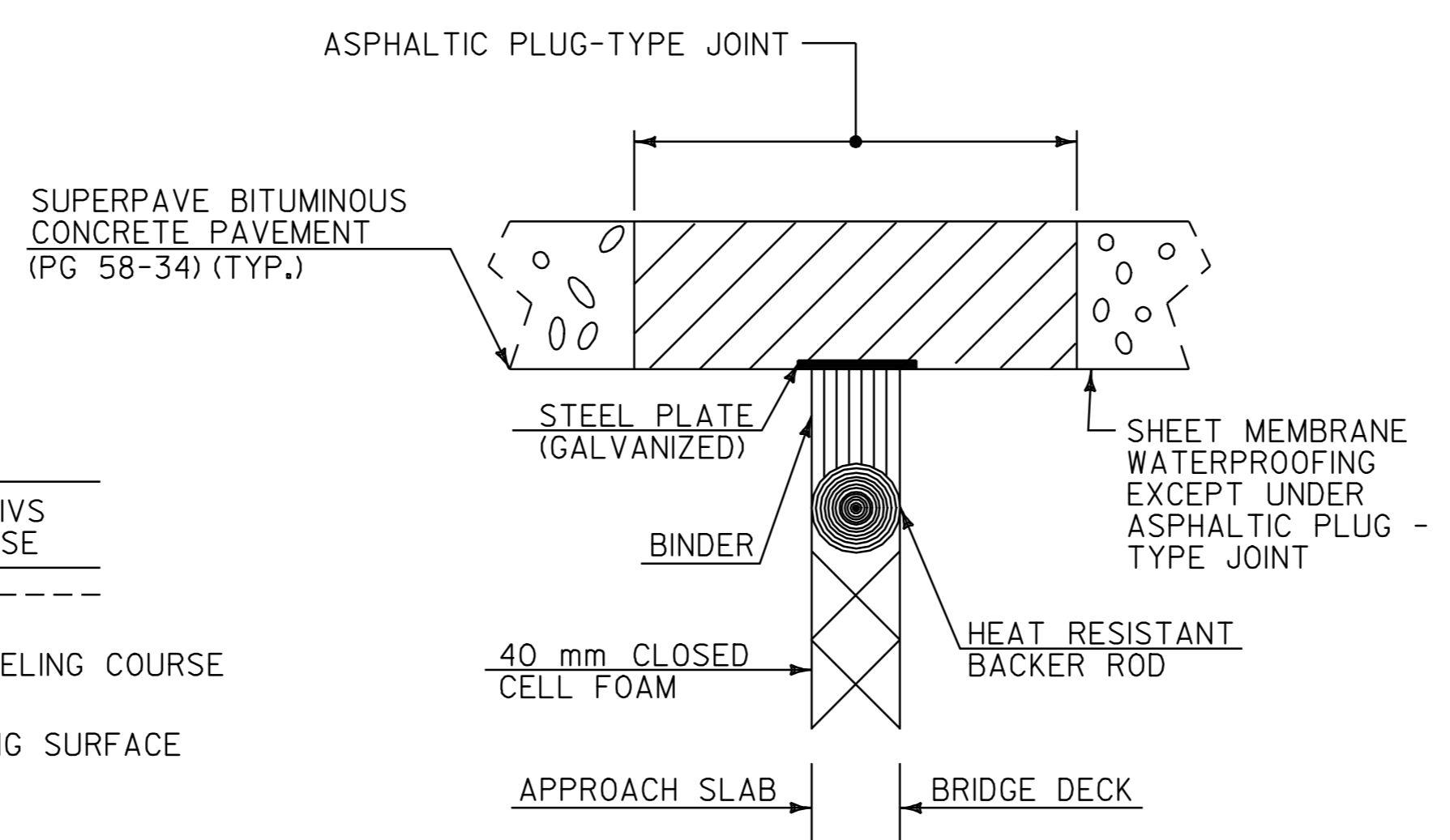
Metric

SURVEYED BY <u>N/A</u> DATE <u>N/A</u>	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
SQUAD LEADER <u>T.P.K.</u>	DESIGN FILE NO. <u>pave/98b180/pbl80.dgn</u>
IPARM <u>pbl80+yl.i</u> DATE <u>21-DEC-2006</u>	FILE- <u>pbl80+yl.i</u> PLOTTED <u>21-DEC-2006</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	PROJ. NO. <u>AC_SIP_212411S</u>
SHEET <u>2</u> OF <u>49</u>	SHEETS <u>49</u>



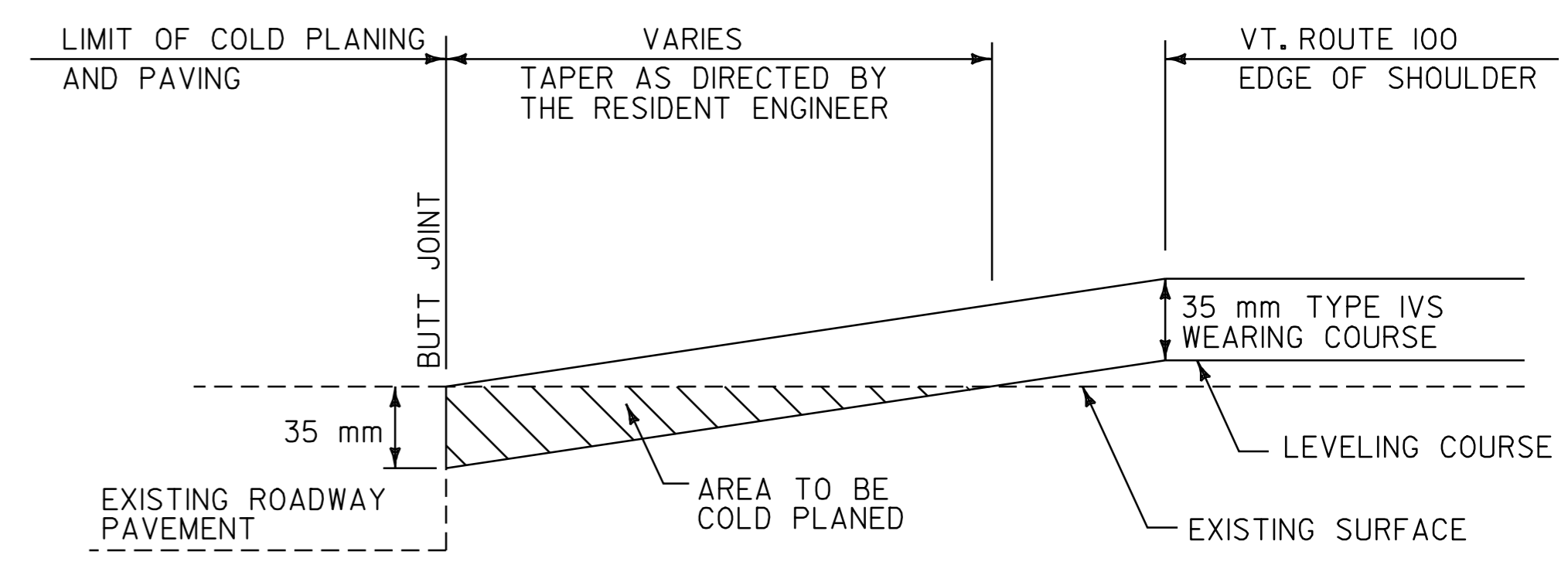
APPROACH AREA DETAIL

VT. ROUTE 100 ROCHESTER STA. 9+767.109 - BEGIN OVERLAY
 VT. ROUTE 100 GRANVILLE STA. 4+713.769 - END OVERLAY



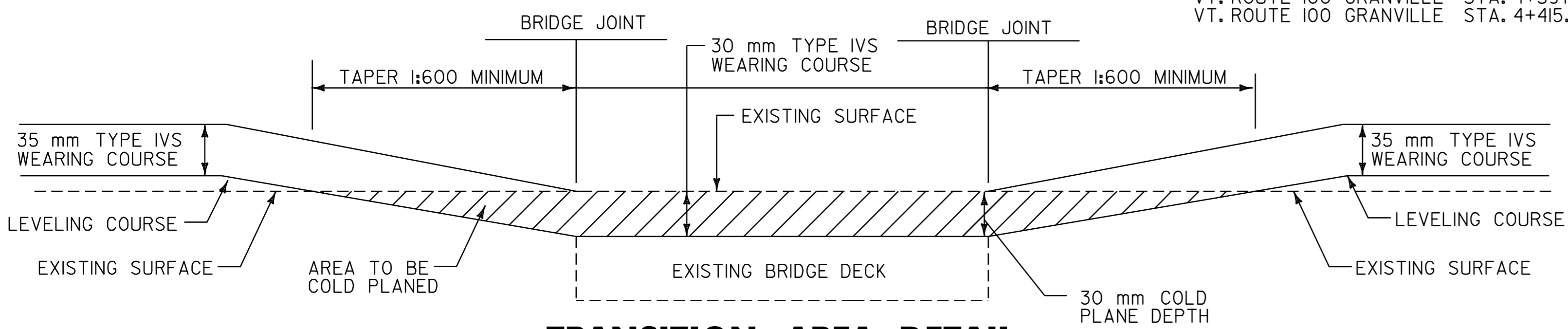
ASPHALTIC PLUG-TYPE JOINT DETAIL

- VT. ROUTE 100 ROCHESTER STA. 11+542.309 (11.8 m) (BR 144)
- VT. ROUTE 100 ROCHESTER STA. 11+574.309 (11.8 m) (BR 144)
- VT. ROUTE 100 HANCOCK STA. 1+913.557 (10.6 m) (BR 145)
- VT. ROUTE 100 HANCOCK STA. 1+929.557 (10.6 m) (BR 145)
- VT. ROUTE 100 GRANVILLE STA. 0+667.143 (13.0 m) (BR 147)
- VT. ROUTE 100 GRANVILLE STA. 0+691.143 (13.0 m) (BR 147)
- VT. ROUTE 100 GRANVILLE STA. 1+538.580 (9.3 m) (BR 148)
- VT. ROUTE 100 GRANVILLE STA. 1+554.580 (9.3 m) (BR 148)
- VT. ROUTE 100 GRANVILLE STA. 3+318.623 (11.6 m) (BR 152)
- VT. ROUTE 100 GRANVILLE STA. 3+337.623 (11.6 m) (BR 152)
- VT. ROUTE 100 GRANVILLE STA. 4+397.384 (10.9 m) (BR 153)
- VT. ROUTE 100 GRANVILLE STA. 4+415.384 (10.9 m) (BR 153)



APPROACH AREA DETAIL

- T-16 (ROCHESTER) T-9
- T-6 T-3
- T-1 T-5
- T-8 T-2

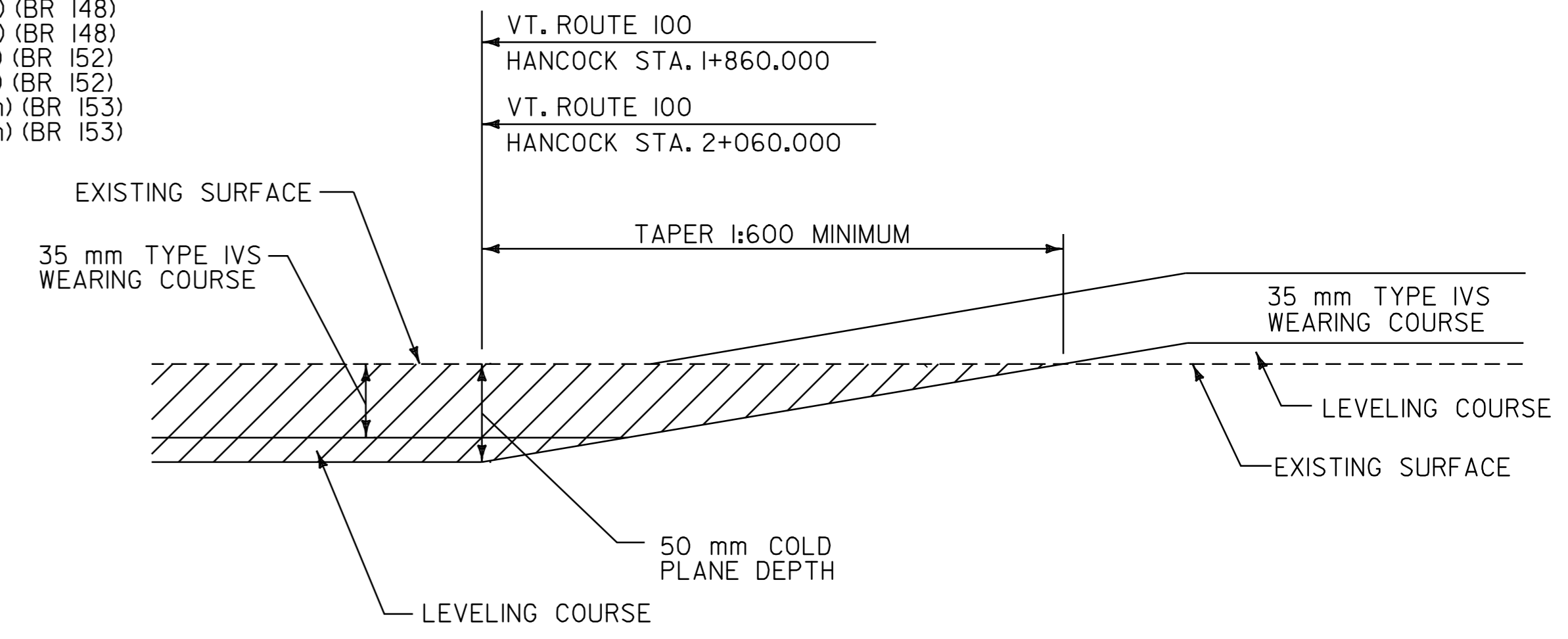


TRANSITION AREA DETAIL

- BR 144 VT. ROUTE 100 ROCHESTER STA. 11+542.309 TO STA. 11+574.309
- BR 147 VT. ROUTE 100 GRANVILLE STA. 0+667.143 TO STA. 0+691.143
- BR 148 VT. ROUTE 100 GRANVILLE STA. 1+538.580 TO STA. 1+554.580
- BR 152 VT. ROUTE 100 GRANVILLE STA. 3+318.623 TO STA. 3+337.623
- BR 153 VT. ROUTE 100 GRANVILLE STA. 4+397.384 TO STA. 4+415.384

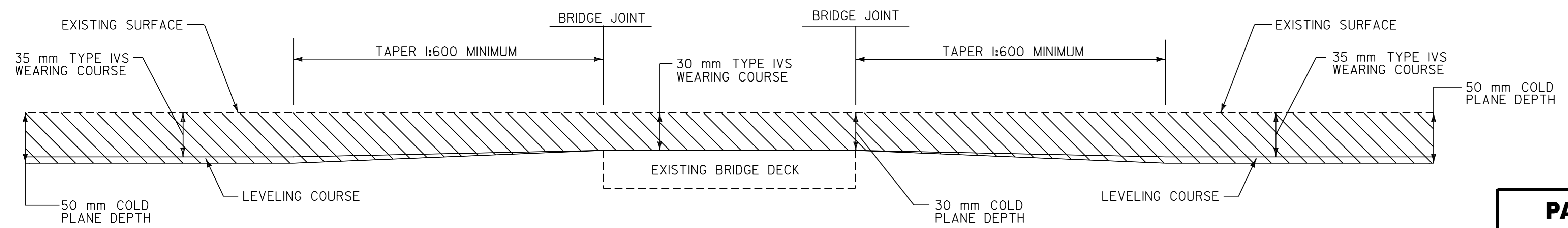
NOTE: THE CONTRACTOR MUST USE CARE WHEN COLD PLANING BR 144, BR 147, BR 148 AND BR 153 AS NOT TO DAMAGE THE BRIDGE MEMBRANES. IF DAMAGE TO THESE MEMBRANES SHOULD OCCUR DURING THE COLD PLANING OF BR 144, BR 147, BR 148 OR BR 153, THE CONTRACTOR SHALL REPLACE THE BRIDGE MEMBRANES AT NO COST TO THE STATE.

THE CONTACTOR SHALL TAKE PRECAUTIONS TO AVOID THE ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES LOCATED AT CURB LINE AND IN THE EXPANSION JOINTS. THE CONTRACTOR SHALL EXAMINE THESE BRIDGE FEATURES ON A REGULAR BASIS TO ENSURE THAT DEBRIS HAS NOT ACCUMULATED. ANY DEBRIS WHICH IS PRESENT SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE STATE.



TRANSITION AREA DETAIL

VT. ROUTE 100 HANCOCK STA. 1+860.000 END OVERLAY - BEGIN COLD PLANE
 VT. ROUTE 100 HANCOCK STA. 2+060.000 END COLD PLANE - BEGIN OVERLAY



BRIDGE TRANSITION AREA DETAIL

- BR 145 VT. ROUTE 100 HANCOCK STA. 1+913.557 TO STA. 1+929.557
- NOTE: THE CONTRACTOR MUST USE CARE WHEN COLD PLANING BR 145 AS NOT TO DAMAGE THE BRIDGE MEMBRANE. IF DAMAGE TO THE MEMBRANE SHOULD OCCUR DURING THE COLD PLANING OF BR 145, THE CONTRACTOR SHALL REPLACE THE BRIDGE MEMBRANE AT NO COST TO THE STATE.

A CATEGORY II WORK PLAN HAS BEEN DEVELOPED FOR THIS PROJECT TO COMPARE THE RESULTS OF 50 GYRATION SUPERPAVE MIX AGAINST 75 GYRATION SUPERPAVE MIX. A COPY OF THE WORK PLAN HAS BEEN INCLUDED AS A SUPPLEMENTAL SPECIFICATION IN THE PROJECT SPECIAL PROVISIONS.

THE TYPE OF SUPERPAVE MIX USED ON INDIVIDUAL TOWN HIGHWAY APPROACHES, BRIDGES, DRIVE APRONS, PULLOUTS, ETC., SHALL MATCH THE MIX TYPE BEING PLACED ON MAINLINE IN THAT PARTICULAR TEST SECTION.

PAVING DETAILS AND PAVEMENT JOINT DETAIL SHEET	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	-pbl80+y2.i	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_212411S			
SHEET	3	OF	49	SHEETS

ITEM DETAIL SUMMARY SHEET



LOCATION			GUARDRAIL														REMARKS
STATION	STATION	POS.	616.35	621.20	621.20	621.21	621.21	621.30	621.30	621.505	621.505	621.60	621.70	621.71	621.80	621.81	
			TREATED TIMBER CURB m	STEEL BEAM G.R. m	S. B. G. R. W/2.4 m POSTS (MOD) m	HEAVY DUTY STEEL BEAM G. R. m	H. D. S. B. G. R. W/2.4 m POSTS (MOD) m	BOX BEAM GUARD RAIL m	BOX BEAM G. R. W/2.1m POSTS (MOD) m	MANUF. TERM. SECTION (TANGENT) EA	MANUF. TERM. SECTION (FLARED) EA	ANCHOR FOR G. R. EA	G. R. APPR. SECTION TYPE I EA	G. R. APPR. SECTION TYPE II EA	REMOVE & DISP. G. R. m	REMOVE & DISP. G. P. EA	
ROCHESTER*																	
9+769	10+164	LT						395								383	INSTALL NEW BOX BEAM GUARD RAIL WITH A TYPE II END ASSEMBLY AT EACH END.
10+022	10+176	RT						154								127	INSTALL NEW BOX BEAM GUARD RAIL WITH A TYPE II END ASSEMBLY AT EACH END.
11+106.8	11+122.0	RT		15.2							1	1					INSTALL ANCHOR AT STA. 11+106.8; INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 11+122.0. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 11+499.8. BEGIN APPROACH SECTION, TYPE II AT STA. 11+534.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 11+537.8. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 11+499.8 TO STA. 11+537.8. SEE SHEET 37 OF 49 FOR BRIDGE DETAILS.
11+499.8	11+537.8	LT		34.2							1		1		38.7		
11+508.4	11+538.8	RT		15.2							1		1		40.7	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 11+508.4. BEGIN APPROACH SECTION, TYPE I AT STA. 11+523.6 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 11+538.8. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 11:1 FLARE RATE FROM STA. 11+508.4 TO STA. 11+538.8. SEE SHEET 37 OF 49 FOR BRIDGE DETAILS.	
11+576.2	11+618.0	LT	5	26.6							1		1		50.9	INSTALL TREATED TIMBER CURB FROM STA. 11+576.0 TO STA. 11+581.0. CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 11+576.2 AND END AT STA. 11+591.4. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 11:1 FLARE RATE FROM STA. 11+591.4 TO STA. 11+618.0. SEE SHEET 37 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 11+618.0.	
11+577.2	11+607.6	RT	5	26.6							1			1	41.9	INSTALL TREATED TIMBER CURB FROM STA. 11+577.0 TO STA. 11+582.0. CONNECT APPROACH SECTION, TYPE II TO EXISTING BRIDGE RAIL AT STA. 11+577.2 AND END AT STA. 11+581.0. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 11+588.6 TO STA. 11+607.6. SEE SHEET 37 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 11+607.6.	
HANCOCK*																	
0+576.4	0+591.6	RT		15.2							2				23.0	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+576.4 & STA. 0+591.6. SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT BR 144A DETAIL.	
0+577.4	0+597.0	LT		19.6							1	1			23.0	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+577.4. SEE VAOT STANDARD SHEET G-IDM, PROVIDE ANCHOR AT STA. 0+594.5. SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT BR 144A DETAIL.	
1+874.0	1+903.3	RT						29.3							46.5	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 1) AT 1+903.3. SEE SHEET 38 OF 49 FOR DETAILS.	
1+897.0	1+903.3	LT						5.5							14.5	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 1) AT 1+903.3. SEE SHEET 38 OF 49 FOR DETAILS.	
1+940.2	1+949.3	RT						9.1							18.4	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 1) AT 1+940.2. SEE SHEET 38 OF 49 FOR DETAILS.	
1+940.2		LT						4.6							13.9	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY ALONG EDGE OF VT. ROUTE 125; ATTACH TO BOX BEAM GUARD RAIL (MOD. 1) AT 1+940.2. SEE SHEET 38 OF 49 FOR DETAILS.	
2+154.2	2+982.6	RT			828.4						2				839.0	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 2+154.2 & STA. 2+982.6.	
3+038.4	3+331.0	RT			292.6						2				313.0	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+038.4 & STA. 3+331.0.	
3+400.0	3+411.4	RT									1				11.4	REMOVE EXISTING MELT; INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) TO EXISTING SBGR AT STA. 3+411.4	
3+609.6	3+621.0	RT									1				11.4	REMOVE EXISTING MELT; INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) TO EXISTING SBGR AT STA. 3+609.6	
3+823.0	3+834.4	RT		11.4							2					INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+823.0 & STA. 3+834.4. SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.	
3+823.0	3+838.2	LT		15.2								2				SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.	
GRANVILLE*																	
0+631.4	0+661.8	RT		15.2							1		1		41.8	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+631.4. BEGIN APPROACH SECTION, TYPE I AT STA. 0+646.6 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 0+661.8. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 11:1 FLARE RATE FROM STA. 0+631.4 TO STA. 0+661.8. SEE SHEET 39 OF 49 FOR BRIDGE DETAILS.	
0+651.6	0+666.8	LT		11.4							1		1		26.8	INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+651.6. BEGIN APPROACH SECTION, TYPE II AT STA. 0+663.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 0+666.8. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 0+651.6 TO STA. 0+666.8. SEE SHEET 39 OF 49 FOR BRIDGE DETAILS.	
0+692.2	0+707.4	RT	5	11.4							1		1		26.8	INSTALL TREATED TIMBER CURB FROM STA. 0+692.0 TO STA. 0+697.0. CONNECT APPROACH SECTION, TYPE II TO EXISTING BRIDGE RAIL AT STA. 0+692.2 AND END AT STA. 0+696.0. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 0+692.2 TO STA. 0+707.4 SEE SHEET 39 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+707.4.	
SHEET SUBTOTAL			15	217.2	1121.0	-	-	597.5	-	-	19	4	3	4	2091.7	-	

DATUM
VERTICAL N/A
HORIZONTAL N/A

**ITEM
DETAIL
SUMMARY
SHEET 1**

SURVEYED BY N/A DATE N/A
 DRAWN BY C.A.K. DATE 11/00
 SQUAD LEADER T.P.K.
 DESIGN FILE NO. 2pave/98bl80/pbl80.dgn
 IPARM FILE pbl80idli DATE PLOTTED 21-DEC-2006
 PROJ. NAME ROCHESTER-GRANVILLE
 PROJ. NO. AC_SIP_212411S
 SHEET 6 OF 49 SHEETS

ITEM DETAIL SUMMARY SHEET



LOCATION			GUARDRAIL													REMARKS	
STATION	STATION	POS.	616.35	621.20	621.20	621.21	621.21	621.30	621.30	621.505	621.505	621.60	621.70	621.71	621.80		621.81
			TREATED TIMBER CURB m	STEEL BEAM G.R. m	S. B. G. R. W/2.4 m POSTS (MOD) m	HEAVY DUTY STEEL BEAM G.R. m	H. D. S. B. G. R. W/2.4 m POSTS (MOD) m	BOX BEAM GUARD RAIL m	BOX BEAM G. R. W/2.1m POSTS (MOD) m	MANUF. TERM. SECTION (TANGENT) EA	MANUF. TERM. SECTION (FLARED) EA	ANCHOR FOR G. R. EA	G. R. APPR. SECTION TYPE I EA	G. R. APPR. SECTION TYPE II EA	REMOVE & DISP. G. R. m		REMOVE & DISP. G. P. EA
GRANVILLE 0+697.2	0+742.8	LT	5	30.4							1		1		43.8		INSTALL TREATED TIMBER CURB FROM STA. 0+697.0 TO STA. 0+702.0. CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 0+697.2 AND END AT STA. 0+712.4. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 0+697.2 TO STA. 0+742.8. SEE SHEET 39 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+742.8.
		LT														1	
1+480.0		LT															
1+490.6	1+529.0	LT							38.4						54.7		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+529.0 LT. SEE SHEET 40 OF 49 FOR DETAILS.
1+498.1	1+531.0	RT							32.9						56.7		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+531.0 RT. SEE SHEET 40 OF 49 FOR DETAILS.
1+563.4	1+610.9	LT							47.5						39.3	1	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+563.4 LT. SEE SHEET 40 OF 49 FOR DETAILS.
1+565.4	1+609.3	RT							43.9						52.3	1	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+565.4 RT. SEE SHEET 40 OF 49 FOR DETAILS.
2+814.7	2+819.1	LT				4.4						1			4.4		SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+817.2. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+819.1. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS.
2+819.1		RT									1				9.1		CONNECT NEW MANUFACTURED TERMINAL SECTION (FLARED) TO NEW BRIDGE RAIL AT STA. 2+819.1. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS.
2+822.9	2+827.3	LT				4.4						1			4.4		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+822.9. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+824.8.
2+822.9	2+831.1	RT				8.2						1			9.1		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+822.9. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+828.6.
3+143.0	3+147.4	RT				4.4						1			4.4		SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+145.5. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+147.4. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS.
3+146.4		LT										1			5.4		CONNECT NEW MANUFACTURED TERMINAL SECTION (FLARED) TO NEW BRIDGE RAIL AT STA. 3+146.4. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS.
3+154.0	3+166.0	LT		4.4		7.6						1			8.0		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+154.0. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+163.5.
3+155.0	3+159.4	RT				4.4						1			5.0		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+155.0. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+156.9.
3+225.4	3+329.9	LT		95		9.5						1			117.9		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+225.4. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+329.9. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
3+244.3	3+322.2	RT			68.4		9.5					1			85.3		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+244.3. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL W/2.4 m POSTS TO NEW BRIDGE RAIL AT STA. 3+322.2. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
3+343.1	3+400.1	RT			49.4		7.6					1			63.9		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL W/2.4 m POSTS TO NEW BRIDGE RAIL AT STA. 3+343.1. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+400.1.
3+350.8		LT													6.2		CONNECT NEW MANUFACTURED TERMINAL SECTION TO NEW BRIDGE RAIL AT STA. 3+350.8. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
4+373.5	4+386.6	LT						13.1							13.5		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 3) AT 4+386.6 LT. SEE SHEET 44 OF 49 FOR DETAILS.
4+394.0	4+399.6	RT													7.6		BOX BEAM GUARD RAIL (MOD. 3) BEGINS AT 4+391.7 RT. SEE SHEET 44 OF 49 FOR DETAILS.
4+415.4	4+423.0	LT													7.6		BOX BEAM GUARD RAIL (MOD. 3) ENDS AT 4+423.3 LT. SEE SHEET 44 OF 49 FOR DETAILS.
4+428.4	4+433.9	RT						5.5							5.5		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 3) AT 4+428.4 RT. SEE SHEET 44 OF 49 FOR DETAILS.
SHEET SUBTOTAL			5	129.8	117.8	42.9	17.1	18.6	162.7	1	6	6	1	-	604.1	3	
SHEET 6 SUBTOTAL			15	217.2	1121.0	-	-	597.5	-	-	19	4	3	4	2091.7	-	
ROUNDING			5	53.0	11.2	7.1	2.9	8.9	12.3	-	-	-	-	-	104.2	-	
TOTAL			25	400	1250	50	20	625	175	1	25	10	4	4	2800	3	

DATUM VERTICAL <u>N/A</u> HORIZONTAL <u>N/A</u>		ITEM DETAIL SUMMARY SHEET 2	SURVEYED BY <u>N/A</u> DATE <u>N/A</u> DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u> SQUAD LEADER <u>T.P.K.</u> DESIGN FILE NO. <u>/pave/98b180/pbl80.dgn</u> IPARM FILE <u>pbl80id2.i</u> DATE PLOTTED <u>21-DEC-2006</u> PROJ. NAME <u>ROCHESTER-GRANVILLE</u> PROJ. NO. <u>AC_SIP_212411S</u> SHEET <u>7</u> OF <u>49</u> SHEETS <u></u>
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646.40 DURABLE 100 mm WHITE LINE
(INCLUDES EDGE LINE BREAK FOR TOWN HIGHWAY)
ROCHESTER:
STA. 8+910 - STA. 9+767 LT & RT

646.41 DURABLE 100 mm YELLOW LINE
(INCLUDES C/L BREAK FOR TOWN HIGHWAY)
S=SOLID, D=DASHED
ROCHESTER:
STA. 8+910 - STA. 9+767 LT S Q RT S

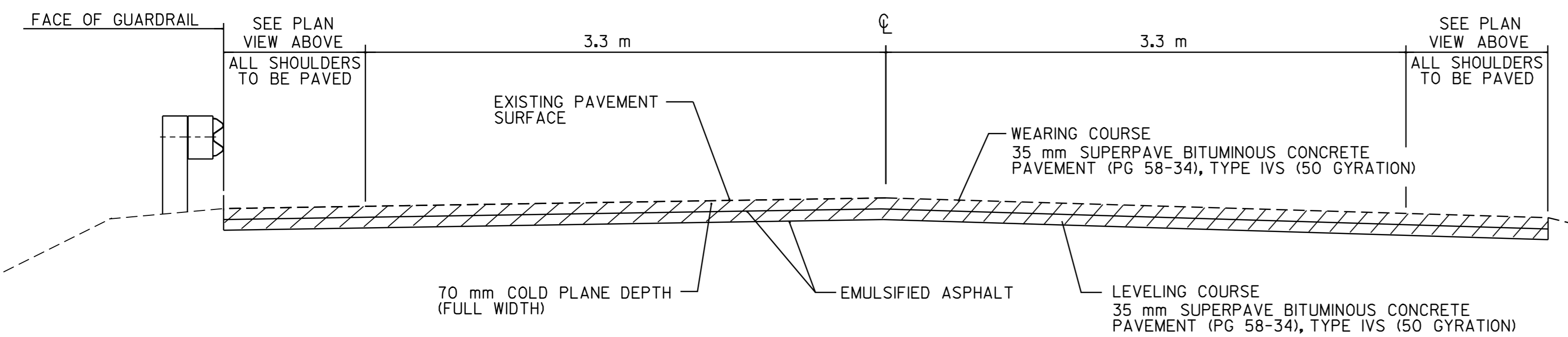
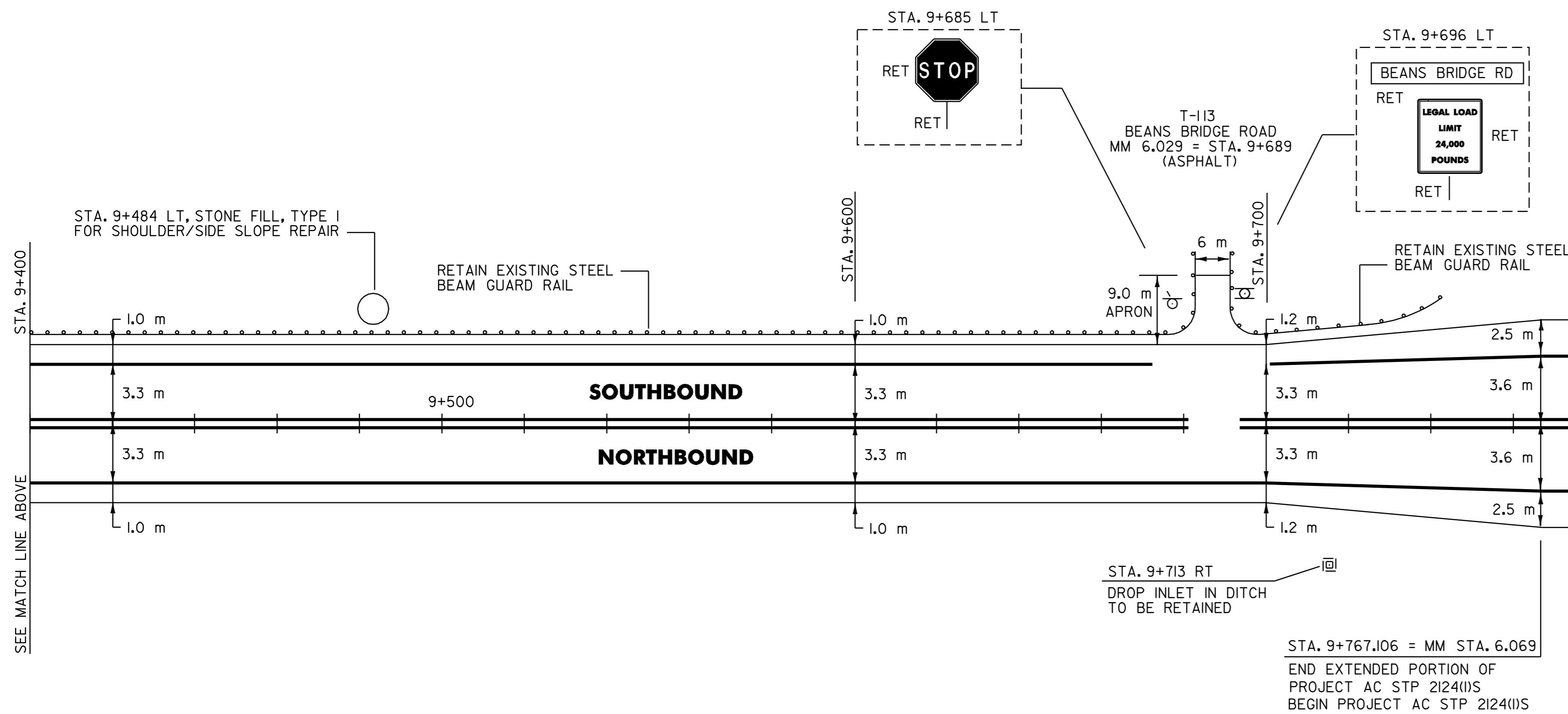
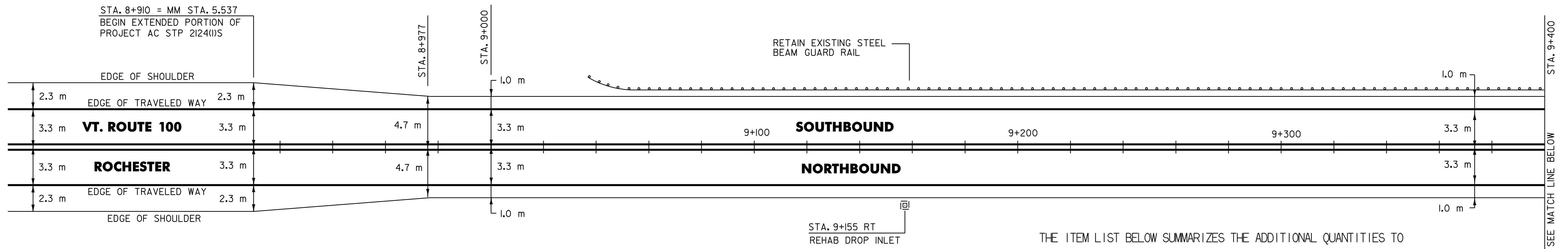
DITCHING LOCATIONS
ROCHESTER:
STA. 8+910 - STA. 9+069 RT
STA. 9+238 - STA. 9+263 RT
STA. 9+353 - STA. 9+588 RT
STA. 9+600 - STA. 9+680 RT
STA. 9+700 - STA. 9+713 RT

ITEM 613.10, STONE FILL, TYPE I
(FOR SHOULDER/SIDE SLOPE REPAIR)
ROCHESTER: STA. 9+484 LT

646.60 TEMPORARY 100 mm WHITE LINE
(INCLUDES EDGE LINE BREAK FOR TOWN HIGHWAY)
ROCHESTER:
STA. 8+910 - STA. 9+767 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE
(INCLUDES C/L BREAK FOR TOWN HIGHWAY)
S=SOLID, D=DASHED
ROCHESTER:
STA. 8+910 - STA. 9+767 LT S Q RT S

ITEM 604.412, REHABILITATION OF DROP INLET
ROCHESTER: STA. 9+155 RT



COLD PLANE TYPICAL SECTION EXTENDED SECTION

VT. ROUTE 100 ROCHESTER STA. 8+910 TO STA. 9+767.109
(MM STA. 5.537 TO MM STA. 6.069)

QUANTITY SUMMARY OF ITEM 490.30, SUPERPAVE
BITUMINOUS CONCRETE PAVEMENT (PG 58-34) (50 GYRATION)
LEVELING COURSE (TYPE IVS) 650 TONS
WEARING COURSE (TYPE IVS) 650 TONS

THE ITEM LIST BELOW SUMMARIZES THE ADDITIONAL QUANTITIES TO
EXTEND THE PROJECT FROM STATION 8+910 TO 9+767.109. ADDED COSTS
FOR MOBILIZATION/DEMobilIZATION AND TRAFFIC CONTROL ARE NOT INCLUDED.

APPROXIMATE SUMMARY OF QUANTITIES FOR EXTENDED SECTION			
QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.
350	m	SHOULDER BERM REMOVAL	203.99 *
7700	m ²	COLD PLANING - BITUMINOUS PAVEMENT	210.10
205	t	AGGREGATE SHOULDERS	402.12
1850	kg	EMULSIFIED ASPHALT	404.65
1300	t	SUPERPAVE BITUMINOUS CONC. PAVE. (PG 58-34) (50 GYRATION)	490.30
1	EA	REHABING OF DI., CB OR MH, CLASS I	604.412
10	HR	POWER GRADER RENTAL	608.15
30	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25
8	HR	POWER BROOM RENTAL	608.30
60	HR	TRUCK RENTAL	608.37
5	m ³	STONE FILL, TYPE I	613.10
1720	m	DURABLE 100 mm WHITE LINE	646.40
1720	m	DURABLE 100 mm YELLOW LINE	646.41
3440	m	TEMPORARY 100 mm WHITE LINE	646.60
3440	m	TEMPORARY 100 mm YELLOW LINE	646.61
70	EA	LINE STRIPING TARGETS	646.76

* NEW CONTRACT ITEM

EXTENDED PORTION PROJECT LAYOUT

DRAWN BY LFW DATE 8/05
 DESIGN FILE NO. /pave/98bl80/pbl80.dgn
 IPARM FILE _____ DATE PLOTTED 21-DEC-2006 15
 PROJ. NAME ROCHESTER-GRANVILLE
 PROJ. NO. AC_SIP_212411S
 SHEET 1 OF 1 SHEETS

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

ROCHESTER:
STA. 9+767.109 - STA. 10+320.0 LT & RT

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

ROCHESTER:
STA. 9+767.109 - STA. 10+320.0 LT & RT

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

ROCHESTER:
STA. 9+767.109 - STA. 10+320.0 LT S C RT S
STA. 10+283.708 DOUBLE SOLID RT, T-16

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

ROCHESTER:
STA. 9+767.109 - STA. 10+320.0 LT S C RT S
STA. 10+283.708 DOUBLE SOLID RT, T-16

646.46 DURABLE 600 mm STOP BAR

ROCHESTER:
STA. 10+283.708 RT, T-16

646.66 TEMPORARY 600 mm STOP BAR

ROCHESTER:
STA. 10+283.708 RT, T-16

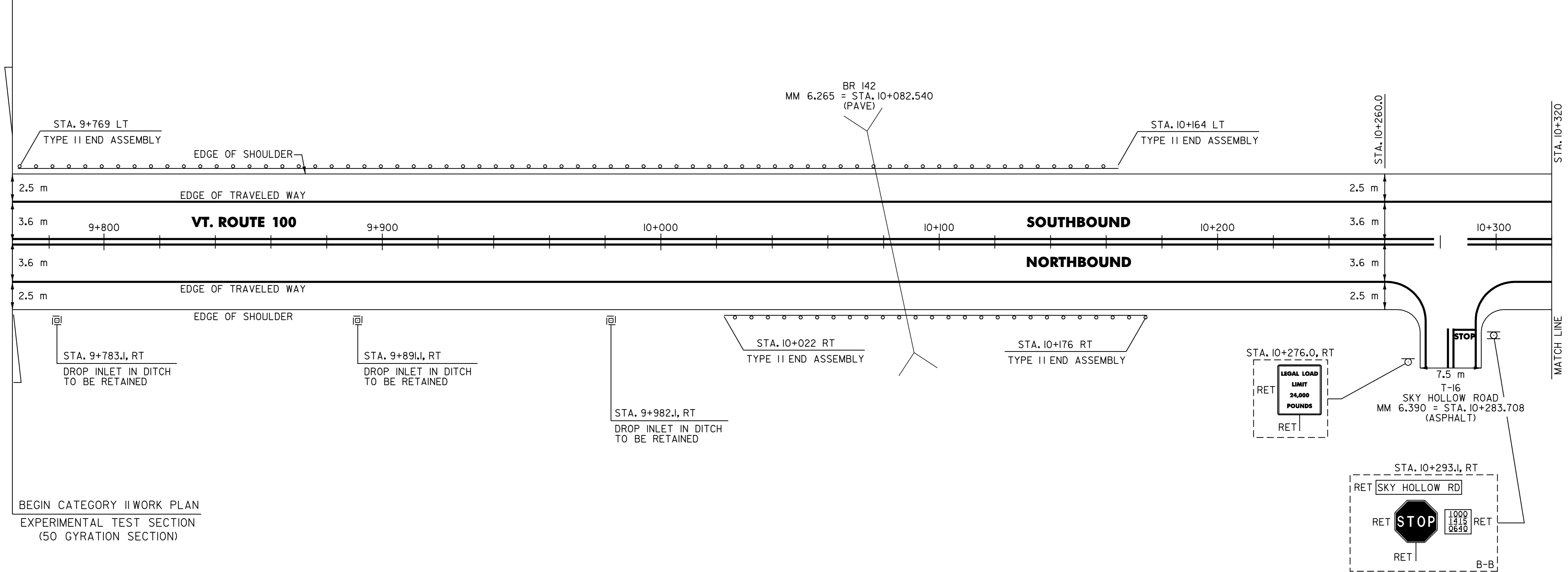
646.50 DURABLE LETTER OR SYMBOL

ROCHESTER:
STA. 10+283.708 RT, T-16, 'S,T,O,P' (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

ROCHESTER:
STA. 10+283.708 RT, T-16, 'S,T,O,P' (4 EA)

VT. ROUTE 100
MM 6.069 = STA. 9+767.109
BEGIN AC STP 2124(I)S



BEGIN CATEGORY II WORK PLAN
EXPERIMENTAL TEST SECTION
(50 GYRATION SECTION)

621.30 BOX BEAM GUARDRAIL

ROCHESTER:
STA. 9+769 - STA. 10+164 LT (395 m)
STA. 10+022 - STA. 10+176 RT (154 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:
STA. 9+769.1 - STA. 10+152.1 LT (383.0 m)
STA. 10+034.1 - STA. 10+161.1 RT (127.0 m)

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND

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

<h2>PAVING PROJECT LAYOUT</h2>	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>pave/98bl80/pbl80.dgn</u>
	IPARM FILE <u>pbl80p01.i</u> DATE PLOTTED <u>21-DEC-2006</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_STP_2124(I)S</u>	
SHEET <u>9</u> OF <u>49</u> SHEETS	

DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

646.40 DURABLE 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 ROCHESTER:
 STA. 10+320.0 - STA. 10+860.0 LT & RT

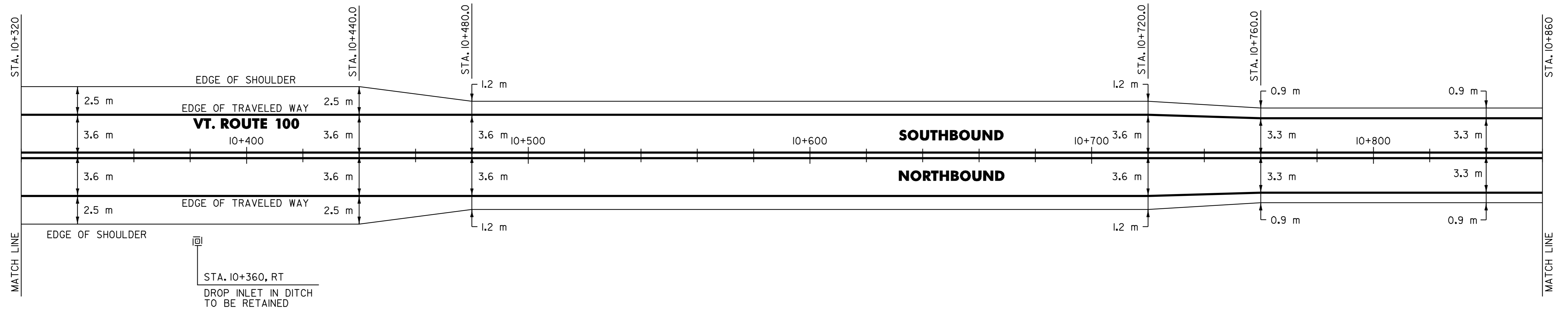
646.41 DURABLE 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 ROCHESTER:
 STA. 10+320.0 - STA. 10+860.0 LT C RT S - S

646.60 TEMPORARY 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 ROCHESTER:
 STA. 10+320.0 - STA. 10+860.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 ROCHESTER:
 STA. 10+320.0 - STA. 10+860.0 LT C RT S - S

DITCHING LOCATIONS

ROCHESTER:
 STA. 10+493 - STA. 10+860 RT
 (SEE SHEET 8 FOR DETAILS)



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p02.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(I)S			
SHEET 10 OF 49	SHEETS			

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

ROCHESTER:
STA. 10+860.0 - STA. 11+420.0 LT & RT

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

ROCHESTER:
STA. 10+860.0 - STA. 11+420.0 LT & RT

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

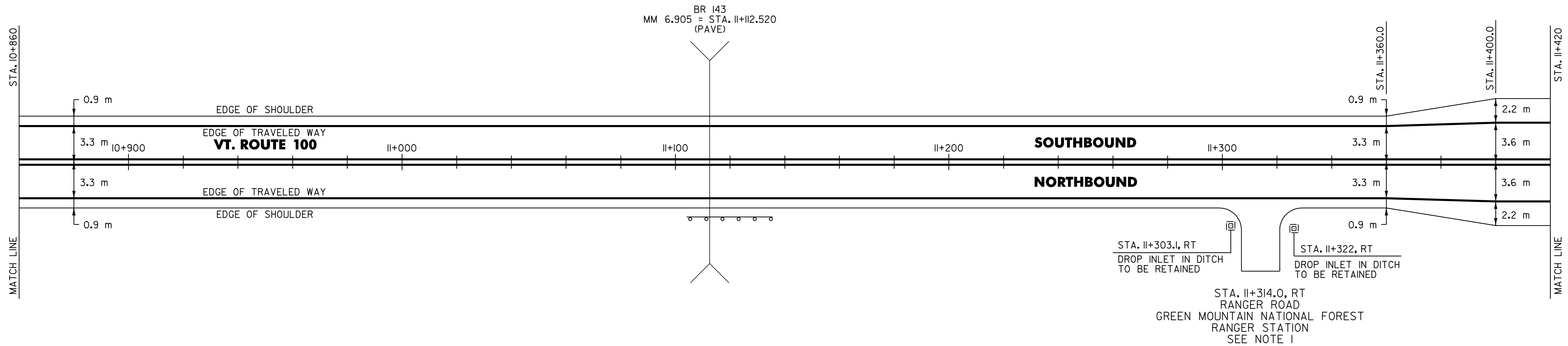
ROCHESTER:
STA. 10+860.0 - STA. 11+420.0 LT S C RT S

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

ROCHESTER:
STA. 10+860.0 - STA. 11+420.0 LT S C RT S

DITCHING LOCATIONS

ROCHESTER:
STA. 10+860 - STA. 10+960 RT
STA. 11+001 - STA. 11+137 LT
STA. 11+024 - STA. 11+104 RT
STA. 11+145 - STA. 11+225 RT
STA. 11+262 - STA. 11+290 LT
(SEE SHEET 8 FOR DETAILS)



621.20 STEEL BEAM GUARDRAIL

ROCHESTER:
STA. 11+106.8 - STA. 11+122.0 RT (15.2 m)

621.60 ANCHOR FOR STEEL BEAM RAIL

ROCHESTER:
STA. 11+106.8 RT

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

ROCHESTER:
STA. 11+122.0 RT

NOTE:

1. PROVIDE A 35 mm TYPE III 5 m WIDE APRON FOR THE EXISTING ASPHALT DRIVE.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p03.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	11	OF	49	SHEETS

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

ROCHESTER:
STA. II+420.0 - STA. II+940.0 LT & RT

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

ROCHESTER:
STA. II+420.0 - STA. II+940.0 LT & RT

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

ROCHESTER:
STA. II+420.0 - STA. II+635.6 LT S RT
STA. II+635.6 - STA. II+844.8 S S
STA. II+844.8 - STA. II+940.0 S S
STA. II+490.716 DOUBLE SOLID RT, T-6I

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

ROCHESTER:
STA. II+420.0 - STA. II+635.6 LT S RT
STA. II+635.6 - STA. II+844.8 S S
STA. II+844.8 - STA. II+940.0 S S
STA. II+490.716 DOUBLE SOLID RT, T-6I

646.46 DURABLE 600 mm STOP BAR

ROCHESTER:
STA. II+490.716 RT, T-6I

646.66 TEMPORARY 600 mm STOP BAR

ROCHESTER:
STA. II+490.716 RT, T-6I

675.50 REMOVING SIGNS

AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2

646.50 DURABLE LETTER OR SYMBOL

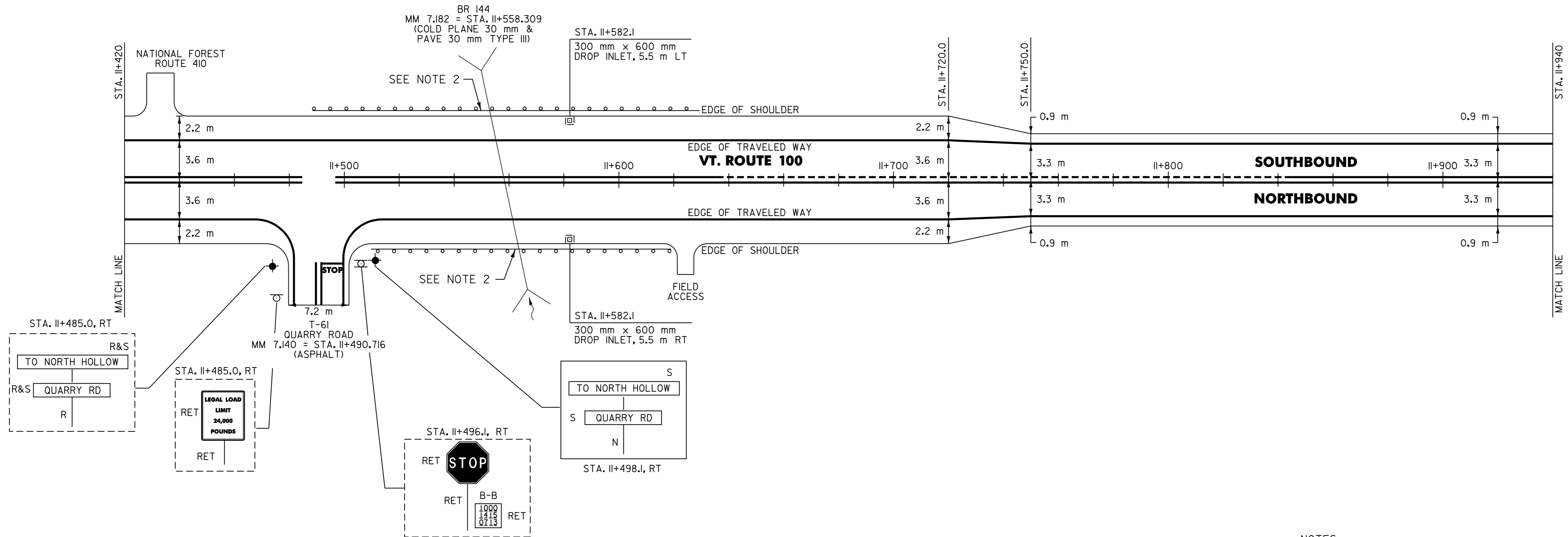
ROCHESTER:
STA. II+490.716 RT, T-6I, "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

ROCHESTER:
STA. II+490.716 RT, T-6I, "S,T,O,P" (4 EA)

DITCHING LOCATIONS

ROCHESTER:
STA. II+756 - STA. II+940 LT
(SEE SHEET 8 FOR DETAILS)



604.412 REHABING DI, CB OR MH, CLASS I

ROCHESTER:
STA. II+582.1 LT
STA. II+582.1 RT

616.35 TREATED TIMBER CURB

ROCHESTER:
STA. II+576.0 - STA. II+581.0 LT (5.0 m)
STA. II+577.0 - STA. II+582.0 RT (5.0 m)

621.20 STEEL BEAM GUARDRAIL

ROCHESTER:
STA. II+499.8 - STA. II+534.0 LT (34.2 m)
STA. II+508.4 - STA. II+523.6 RT (15.2 m)
STA. II+581.0 - STA. II+607.6 RT (26.6 m)
STA. II+591.4 - STA. II+618.0 LT (26.6 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

ROCHESTER:
STA. II+499.8 LT
STA. II+508.4 RT
STA. II+607.6 RT
STA. II+618.0 LT

621.70 GUARDRAIL APPROACH SECTION, TYPE I

ROCHESTER:
STA. II+523.6 - STA. II+538.8 RT (1EA)
STA. II+576.2 - STA. II+591.4 LT (1EA)

621.71 GUARDRAIL APPROACH SECTION, TYPE II

ROCHESTER:
STA. II+534.0 - STA. II+537.8 LT (1EA)
STA. II+577.2 - STA. II+581.0 RT (1EA)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:
STA. II+498.1 - STA. II+538.8 RT (40.7 m)
STA. II+499.1 - STA. II+537.8 LT (38.7 m)
STA. II+576.2 - STA. II+627.1 LT (50.9 m)
STA. II+577.2 - STA. II+619.1 RT (41.9 m)

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SEE SHEET 37 OF 49 FOR BR 144 DETAILS. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS.

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 C.A.K. DATE 11/00
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/98b180/pbl80.dgn
IPARM _____ DATE _____
FILE pbl80p04.i PLOTTED 21-DEC-2006 15
PROJ. NAME ROCHESTER-GRANVILLE
PROJ. NO. AC_SIP_2124(1)S
SHEET 12 OF 49 SHEETS _____

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

ROCHESTER:
 STA. 11+940.0 - STA. 12+480.0 LT & RT

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

ROCHESTER:
 STA. 11+940.0 - STA. 12+480.0 LT & RT

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

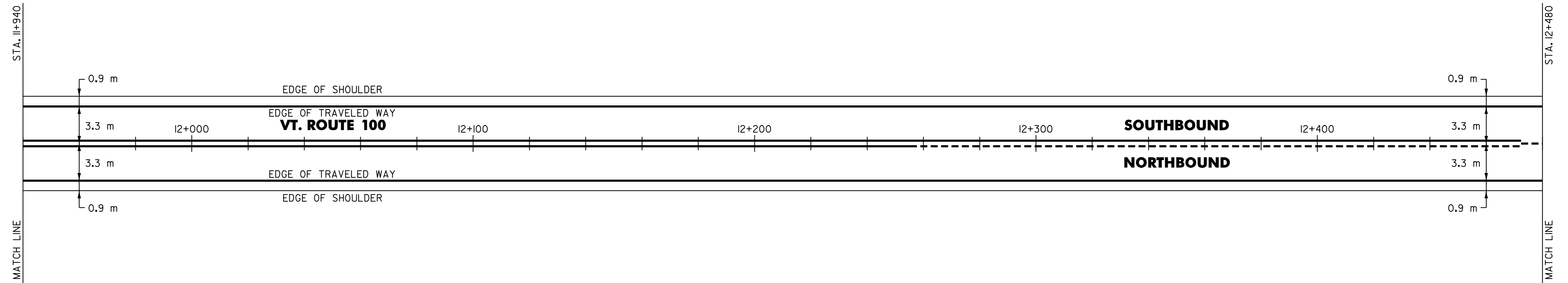
ROCHESTER:	LT	C	RT
STA. 11+940.0 - STA. 12+255.2	S	-	S
STA. 12+255.2 - STA. 12+472.4	S	D	D
STA. 12+472.4 - STA. 12+480.0	-	-	-

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

ROCHESTER:	LT	C	RT
STA. 11+940.0 - STA. 12+255.2	S	-	S
STA. 12+255.2 - STA. 12+472.2	S	D	D
STA. 12+472.4 - STA. 12+480.0	-	-	-

DITCHING LOCATIONS

ROCHESTER:
 STA. 11+940 - STA. 11+974 LT
 (SEE SHEET 8 FOR DETAILS)



DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

PAVING PROJECT LAYOUT	SURVEYED BY	<u>N/A</u>	DATE	<u>N/A</u>
	DRAWN BY	<u>C.A.K.</u>	DATE	<u>11/00</u>
	SQUAD LEADER	<u>T.P.K.</u>		
	DESIGN FILE NO.	<u>/pave/98bl80/pbl80.dgn</u>		
	IPARM FILE	<u>pbl80p05.i</u>	DATE PLOTTED	<u>21-DEC-2006 15</u>
	PROJ. NAME	<u>ROCHESTER-GRANVILLE</u>		
PROJ. NO.	<u>AC_SIP_2124(1)S</u>			
SHEET	<u>13</u>	OF	<u>49</u>	SHEETS

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

ROCHESTER:
 STA. 12+480.0 - STA. 13+020.0 LT & RT

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

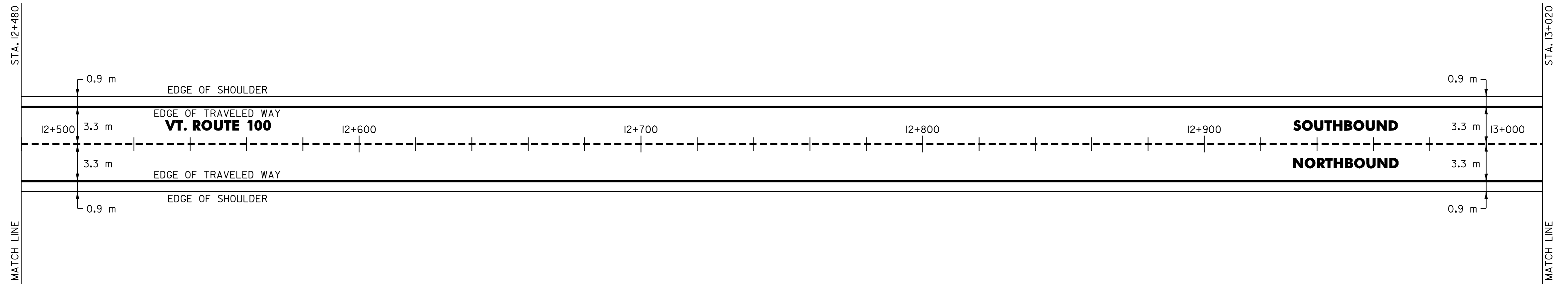
ROCHESTER:
 STA. 12+480.0 - STA. 13+020.0 LT & RT

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

ROCHESTER: LT C RT
 STA. 12+480.0 - STA. 13+020.0 - D -

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

ROCHESTER: LT C RT
 STA. 12+480.0 - STA. 13+020.0 - D -



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p06.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	14	OF	49	SHEETS

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

ROCHESTER:
STA. 13+020.0 - STA. 13+455.725 LT & RT

HANCOCK:
STA. 0+000.000 - STA. 0+100.0 LT & RT

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

ROCHESTER:
STA. 13+020.0 - STA. 13+455.725 LT & RT

HANCOCK:
STA. 0+000.000 - STA. 0+100.0 LT & RT

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

ROCHESTER:
STA. 13+020.0 - STA. 13+084.0 - D - S
STA. 13+084.0 - STA. 13+309.3 - D - S
STA. 13+309.3 - STA. 13+455.725 - S - S

HANCOCK:
STA. 0+000.000 - STA. 0+100.0 - S - S

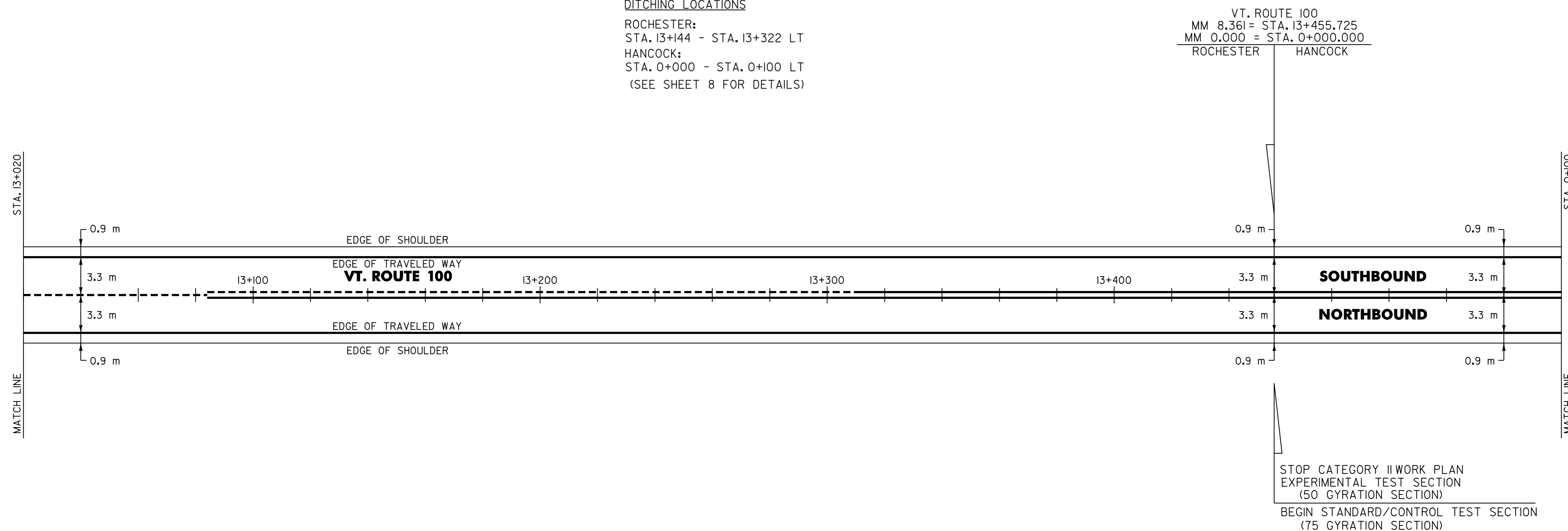
646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:
STA. 13+020.0 - STA. 13+084.0 - D - S
STA. 13+084.0 - STA. 13+309.3 - D - S
STA. 13+309.3 - STA. 13+455.725 - S - S

HANCOCK:
STA. 0+000.000 - STA. 0+100.0 - S - S

DITCHING LOCATIONS

ROCHESTER:
STA. 13+144 - STA. 13+322 LT
HANCOCK:
STA. 0+000 - STA. 0+100 LT
(SEE SHEET 8 FOR DETAILS)



NOTE:

1. THE CONTRACTOR SHOULD BE AWARE THAT AN EXISTING BURIED PHONE CABLE IS LOCATED NEAR THE ROCHESTER/HANCOCK TOWN LINE. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE EXACT LOCATION OF THE PHONE CABLE PRIOR TO PERFORMING ANY DITCH CLEANING IN THIS AREA.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p07.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	15	OF	49	SHEETS

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

HANCOCK:
STA. 0+100.0 - STA. 0+660.0 LT & RT

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

HANCOCK:
STA. 0+100.0 - STA. 0+660.0 LT & RT

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

HANCOCK:
STA. 0+100.0 - STA. 0+660.0 LT S C RT S
STA. 0+606.723 DOUBLE SOLID LT, T-12

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

HANCOCK:
STA. 0+100.0 - STA. 0+660.0 LT S C RT S

646.46 DURABLE 600 mm STOP BAR

HANCOCK:
STA. 0+606.723 LT, T-12

646.50 DURABLE LETTER OR SYMBOL

HANCOCK:
STA. 0+606.723 LT, T-12, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS

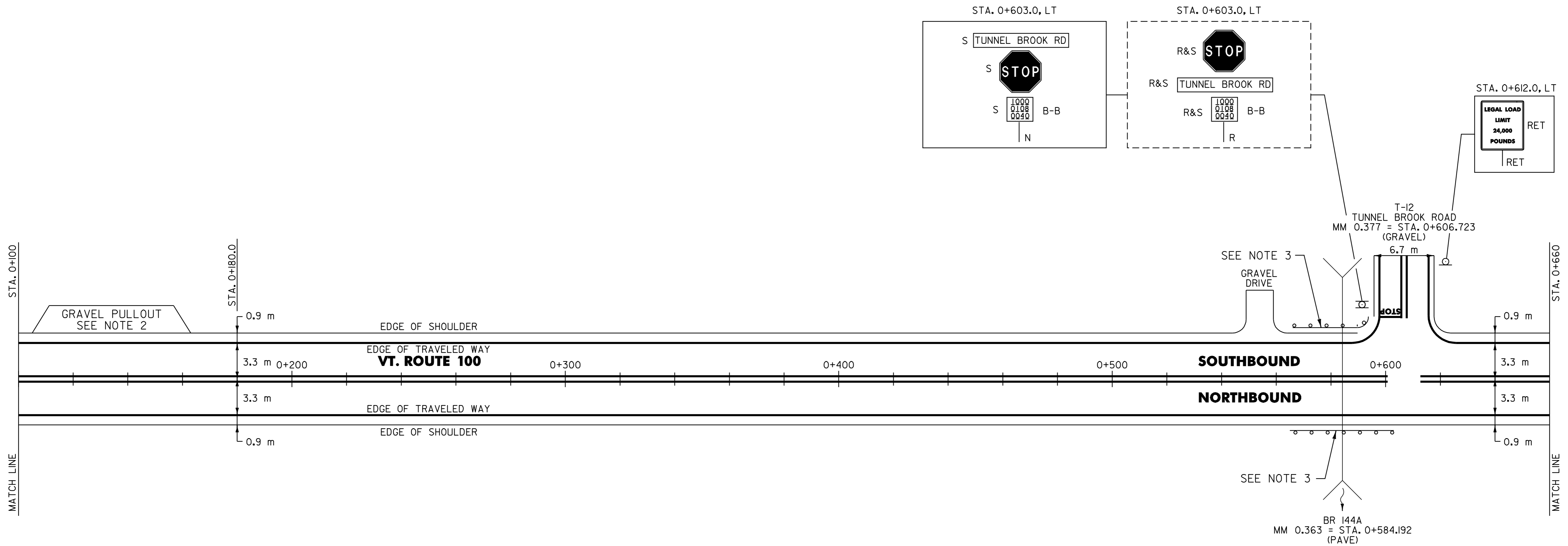
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 3

DITCHING LOCATIONS

HANCOCK:
STA. 0+100 - STA. 0+467 LT
(SEE SHEET 8 FOR DETAILS)



NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- PLACE 100 mm OF COMPACTED COLD PLANE GRINDINGS ON THE EXISTING GRAVEL PULLOUT AND PROVIDE A 35 mm TYPE IVS (75 GYRATION) APRON (1.5 m WIDE). ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID UNDER ITEM 608.25. PLACEMENT OF THE COLD PLANE GRINDINGS SHALL BE MADE UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD.).
- SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT BR 144A DETAIL.

621.20 STEEL BEAM GUARDRAIL

HANCOCK:
STA. 0+576.4 - STA. 0+591.6 RT (15.2 m)
STA. 0+577.4 - STA. 0+597.0 LT (19.6 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

HANCOCK:
STA. 0+576.4 RT
STA. 0+577.4 LT
STA. 0+591.6 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HANCOCK:
STA. 0+574.0 - STA. 0+597.0 LT (23.0 m)
STA. 0+574.0 - STA. 0+597.0 RT (23.0 m)

621.60 ANCHOR FOR STEEL BEAM RAIL

HANCOCK:
STA. 0+594.5 LT

SIGN LEGEND

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

PAVING PROJECT LAYOUT	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>pave/98bl80/pbl80.dgn</u>
	IPARM FILE <u>pbl80p08.i</u> DATE PLOTTED <u>21-DEC-2006 15</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_2124(1)S</u>	
SHEET <u>16</u> OF <u>49</u> SHEETS _____	

DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

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

HANCOCK:
STA. 0+660.0 - STA. 1+180.0 LT & RT

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

HANCOCK:
STA. 0+660.0 - STA. 1+180.0 LT & RT

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

HANCOCK: LT C RT
STA. 0+660.0 - STA. 1+180.0 S - S
STA. 1+079.870 DOUBLE SOLID RT, T-I

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

HANCOCK: LT C RT
STA. 0+660.0 - STA. 1+180.0 S - S
STA. 1+079.870 DOUBLE SOLID RT, T-I

646.46 DURABLE 600 mm STOP BAR

HANCOCK:
STA. 1+079.870 RT, T-I

646.66 TEMPORARY 600 mm STOP BAR

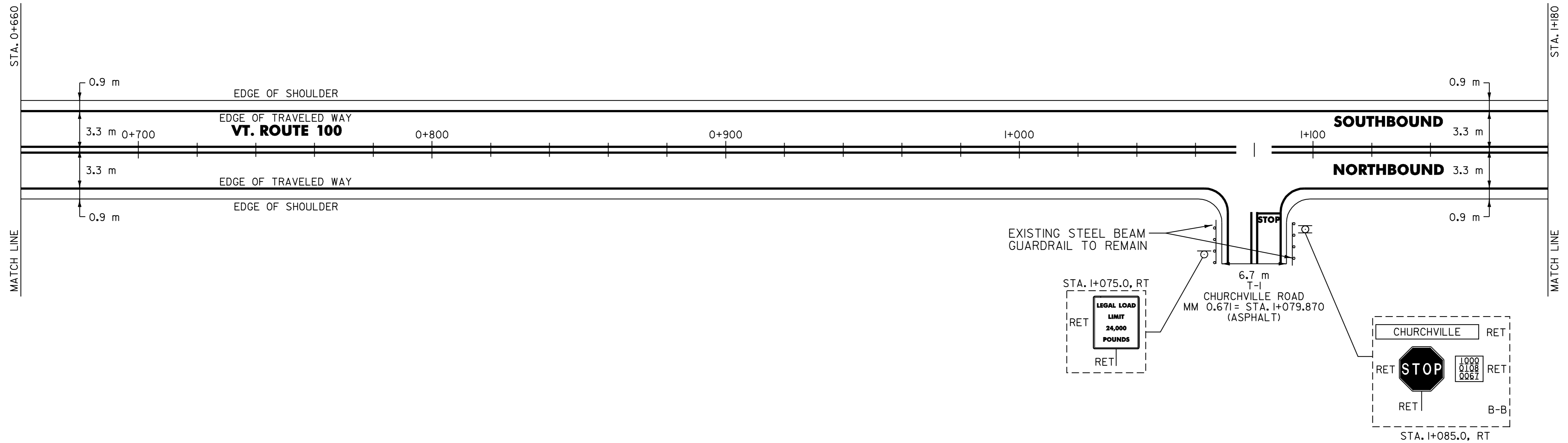
HANCOCK:
STA. 1+079.870 RT, T-I

646.50 DURABLE LETTER OR SYMBOL

HANCOCK:
STA. 1+079.870 RT, T-I, 'S,T,O,P' (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

HANCOCK:
STA. 1+079.870 RT, T-I, 'S,T,O,P' (4 EA)



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS 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 <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98b180/pb180.dgn</u>
	IPARM <u>pb180p09.i</u> DATE <u>21-DEC-2006</u>
FILE	PLOTTED
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_212411S</u>	
SHEET <u>17</u> OF <u>49</u>	SHEETS _____

DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

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

HANCOCK:
STA. I+180.0 - STA. I+720.0 LT & RT

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

HANCOCK:
STA. I+180.0 - STA. I+720.0 LT & RT

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

HANCOCK:
STA. I+180.0 - STA. I+720.0 LT S C RT S
STA. I+512 DOUBLE SOLID RT, TH 23

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

HANCOCK:
STA. I+180.0 - STA. I+720.0 LT S C RT S
STA. I+512 DOUBLE SOLID RT, TH 23

646.50 DURABLE LETTER OR SYMBOL

HANCOCK:
STA. I+452 RT, "S,C,H,O,O,L" (6 EA)
STA. I+512 RT, TH 23 "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

HANCOCK:
STA. I+452 RT, "S,C,H,O,O,L" (6 EA)
STA. I+512 RT, TH 23 "S,T,O,P" (4 EA)

646.51 DURABLE CROSSWALK MARKINGS WITH DIAGONAL LINES (MOD.)

HANCOCK:
STA. I+674.0 (SEE SHEET 48 FOR DETAILS)

646.71 TEMPORARY CROSSWALK MARKINGS WITH DIAGONAL LINES

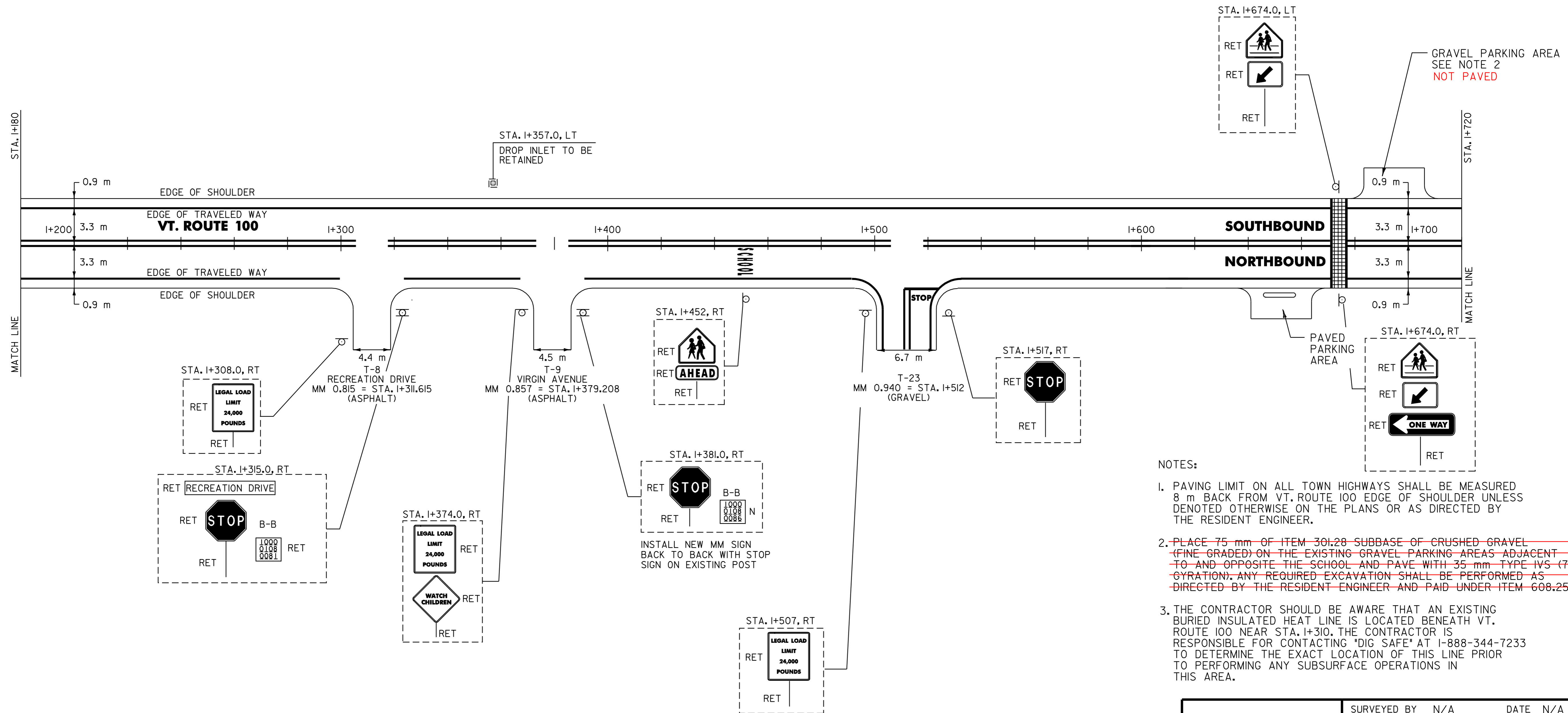
HANCOCK:
STA. I+674.0

646.46 DURABLE 600 mm STOP BAR

HANCOCK:
STA. I+512 RT, TH 23

646.66 TEMPORARY 600 mm STOP BAR

HANCOCK:
STA. I+512 RT, TH 23



NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ~~PLACE 75 mm OF ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED) ON THE EXISTING GRAVEL PARKING AREAS ADJACENT TO AND OPPOSITE THE SCHOOL AND PAVE WITH 35 mm TYPE IVS (75 GYRATION). ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID UNDER ITEM 608.25.~~
- THE CONTRACTOR SHOULD BE AWARE THAT AN EXISTING BURIED INSULATED HEAT LINE IS LOCATED BENEATH VT. ROUTE 100 NEAR STA. I+310. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE EXACT LOCATION OF THIS LINE PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS IN THIS AREA.

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	C.A.K.	DATE	11/00
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
IPARM FILE	pbl80p10.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_212411		
SHEET	18	OF	49
SHEETS			

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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

HANCOCK:
 STA. I+720.0 - STA. 2+260.0 LT & RT

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

HANCOCK:
 STA. I+720.0 - STA. 2+260.0 LT & RT

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

HANCOCK:
 STA. I+720.0 - STA. 2+260.0 LT S C RT
 STA. I+953.744 DOUBLE SOLID LT, VT. ROUTE 125 S S

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

HANCOCK:
 STA. I+720.0 - STA. 2+260.0 LT S C RT
 STA. I+953.744 DOUBLE SOLID LT, VT. ROUTE 125 S S

646.42 DURABLE 200 mm WHITE LINES

HANCOCK:
 STA. I+957.344 - STA. I+980.0 LT, SHOULDER HATCHING (40 m)

646.46 DURABLE 600 mm STOP BAR

HANCOCK:
 STA. I+953.744 LT, VT. ROUTE 125

646.66 TEMPORARY 600 mm STOP BAR

HANCOCK:
 STA. I+953.744 LT, VT. ROUTE 125

646.50 DURABLE LETTER OR SYMBOL

HANCOCK:
 STA. I+866.0 LT, "S,C,H,O,O,L" (6 EA)
 STA. I+953.744 LT, VT. ROUTE 125, "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

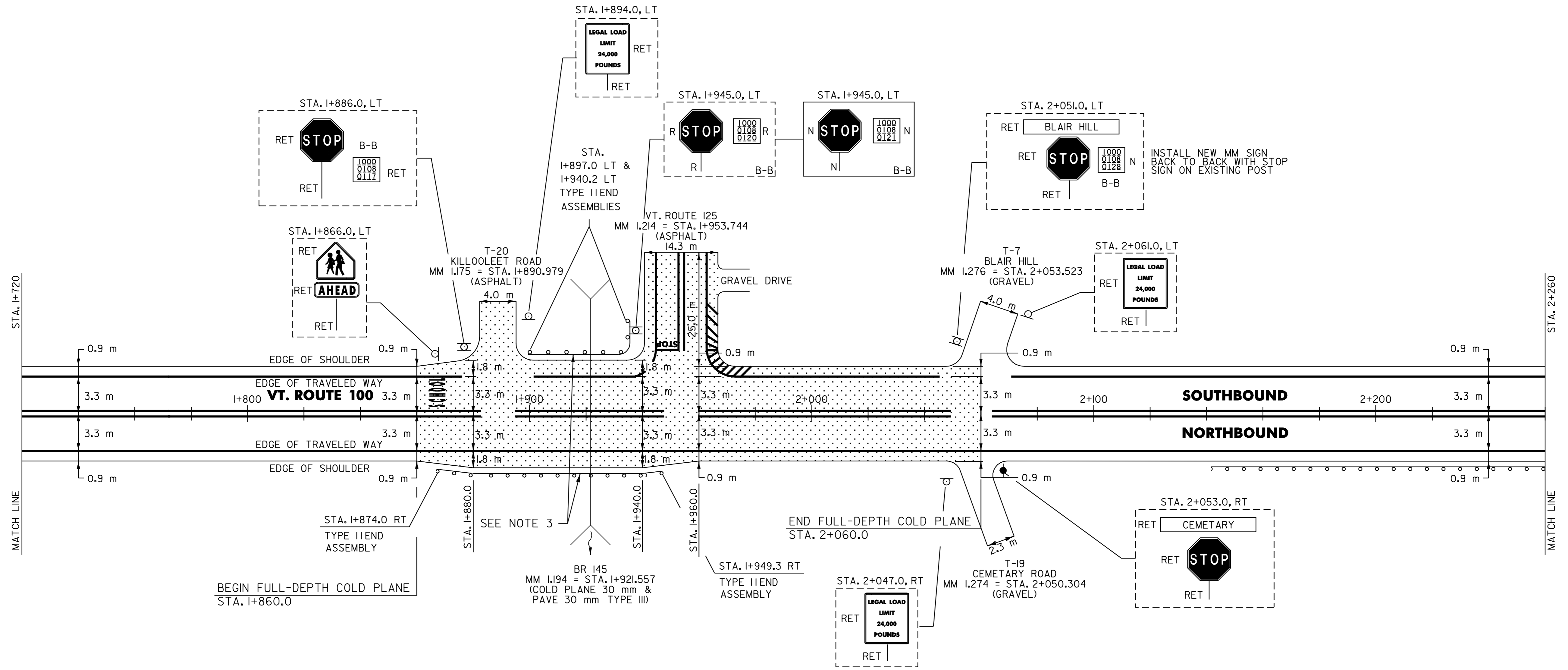
HANCOCK:
 STA. I+866.0 LT, "S,C,H,O,O,L" (6 EA)
 STA. I+953.744 LT, VT. ROUTE 125, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS

AS SHOWN - 2

DITCHING LOCATIONS

HANCOCK:
 STA. 2+021 - STA. 2+260 LT
 (SEE SHEET 8 FOR DETAILS)



525.10 REMOVAL OF EXISTING RAILING

HANCOCK:
 STA. I+912.5 - STA. I+929.6 LT (17.1 m)
 STA. I+912.5 - STA. I+929.6 RT (17.1 m)

621.30 BOX BEAM GUARD RAIL (MOD.)

HANCOCK:
 STA. I+903.3 - STA. I+940.2 LT (36.86 m)
 STA. I+903.3 - STA. I+940.2 RT (36.86 m)

621.30 BOX BEAM GUARDRAIL

HANCOCK:
 STA. I+874.0 - STA. I+903.3 RT (29.3 m)
 STA. I+897.0 - STA. I+903.3 LT (5.5 m)
 STA. I+940.2 - STA. I+949.3 RT (9.1 m)
 STA. I+940.2 LT (ALONG EDGE OF VT ROUTE 125) (4.6 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

HANCOCK:
 STA. 2+154.2 RT

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

HANCOCK:
~~STA. 2+154.2 - STA. 2+260.0 RT (105.8 m)~~
 STA. 2+154.2 - STA. 2+260.0 RT (105.8 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HANCOCK:
 STA. I+866.0 - STA. I+912.5 RT (46.5 m)
 STA. I+898.0 - STA. I+912.5 LT (14.5 m)
 STA. I+929.6 - STA. I+935.5 LT (13.9 m)
 STA. I+929.6 - STA. I+948.0 RT (18.4 m)
 STA. 2+155.0 - STA. 2+260.0 RT (105.0 m)

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- NO OPENING IN THE CENTERLINE OR EDGELINE MARKINGS WILL BE PROVIDED FOR T-19 AS SHOWN ON THE AGENCY'S TOWN HIGHWAY INVENTORY FORM.
- SEE SHEETS 36, 38 & 46A OF 49 FOR BR 145 DETAILS.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p1.i	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_STP_2124(1)			
SHEET	19	OF	49	SHEETS

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

HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 LT & RT

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

HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 LT & RT

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

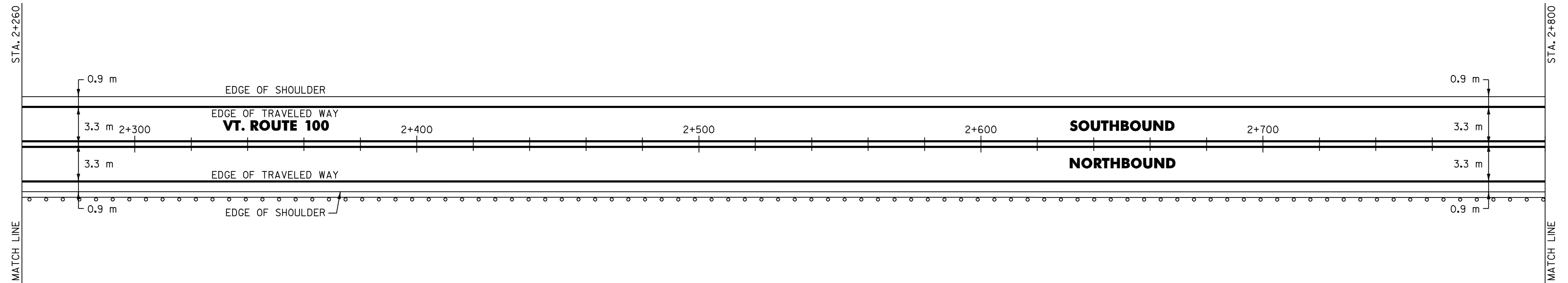
HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 LT S - RT S

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

HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 LT S - RT S

DITCHING LOCATIONS

HANCOCK:
 STA. 2+260 - STA. 2+800 LT
 (SEE SHEET 8 FOR DETAILS)



DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

62I.20 STEEL BEAM GUARDRAIL W/2.4 m POSTS (MOD.)

HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 RT (540.0 m)

62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HANCOCK:
 STA. 2+260.0 - STA. 2+800.0 RT (540.0 m)

PAVING PROJECT LAYOUT	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98b180/pbl80.dgn</u>
	IPARM FILE <u>pbl80pl2.i</u> DATE PLOTTED <u>21-DEC-2006 15</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_2124(1)S</u>	
SHEET <u>20</u> OF <u>49</u> SHEETS <u> </u>	

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

HANCOCK:
STA. 2+800.0 - STA. 3+340.0 LT & RT

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

HANCOCK:
STA. 2+800.0 - STA. 3+340.0 LT & RT

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

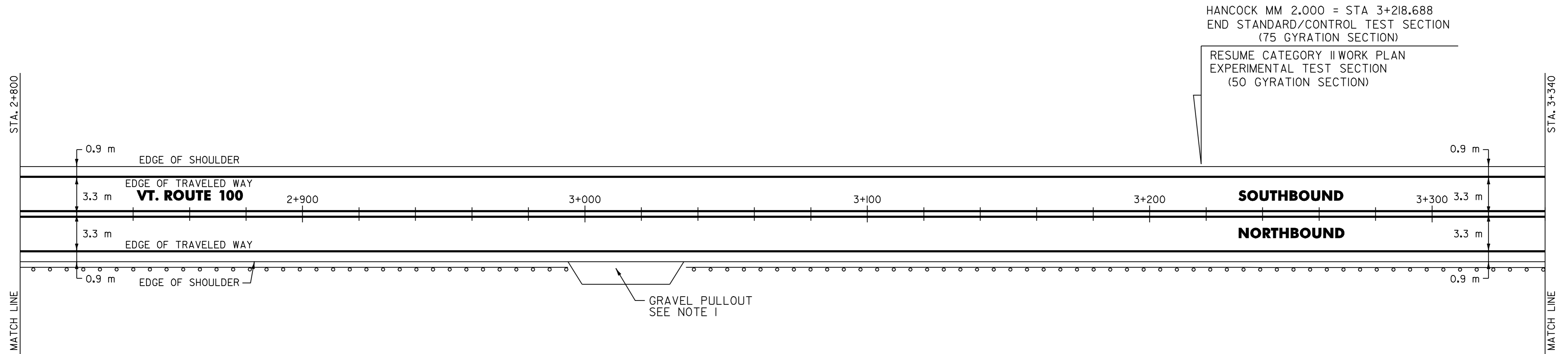
HANCOCK:
STA. 2+800.0 - STA. 3+340.0 LT C RT
S - S

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

HANCOCK:
STA. 2+800.0 - STA. 3+340.0 LT C RT
S - S

DITCHING LOCATIONS

HANCOCK:
STA. 2+800 - STA. 3+340 LT
(SEE SHEET 8 FOR DETAILS)



NOTE:

- PLACE 100 mm OF COMPACTED COLD PLANE GRINDINGS ON THE EXISTING GRAVEL PULLOUT AND PROVIDE A 35 mm TYPE IVS (75 GYRATION) APRON 1.5 m WIDE. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID UNDER ITEM 608.25. PLACEMENT OF THE COLD PLANE GRINDINGS SHALL BE MADE UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD.)

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

HANCOCK: STA. 2+977.16 RT (177.16 m)
STA. 2+800.0 - STA. 2+982.6 RT (182.6 m)
STA. 3+038.4 - STA. 3+331.0 RT (292.6 m)
STA. 2+327.96 RT (289.56 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

HANCOCK:
STA. 2+982.6 RT
STA. 3+038.4 RT
STA. 3+331.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HANCOCK:
STA. 2+800.0 - STA. 2+994.0 RT (194.0 m)
STA. 3+027.0 - STA. 3+340.0 RT (313.0 m)

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80pl3.i	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(I)S			
SHEET	21	OF	49	SHEETS

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

HANCOCK:
STA. 3+340.0 - STA. 3+880.0 LT & RT

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

HANCOCK:
STA. 3+340.0 - STA. 3+880.0 LT & RT

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

HANCOCK:
STA. 3+340.0 - STA. 3+880.0 LT S - RT S

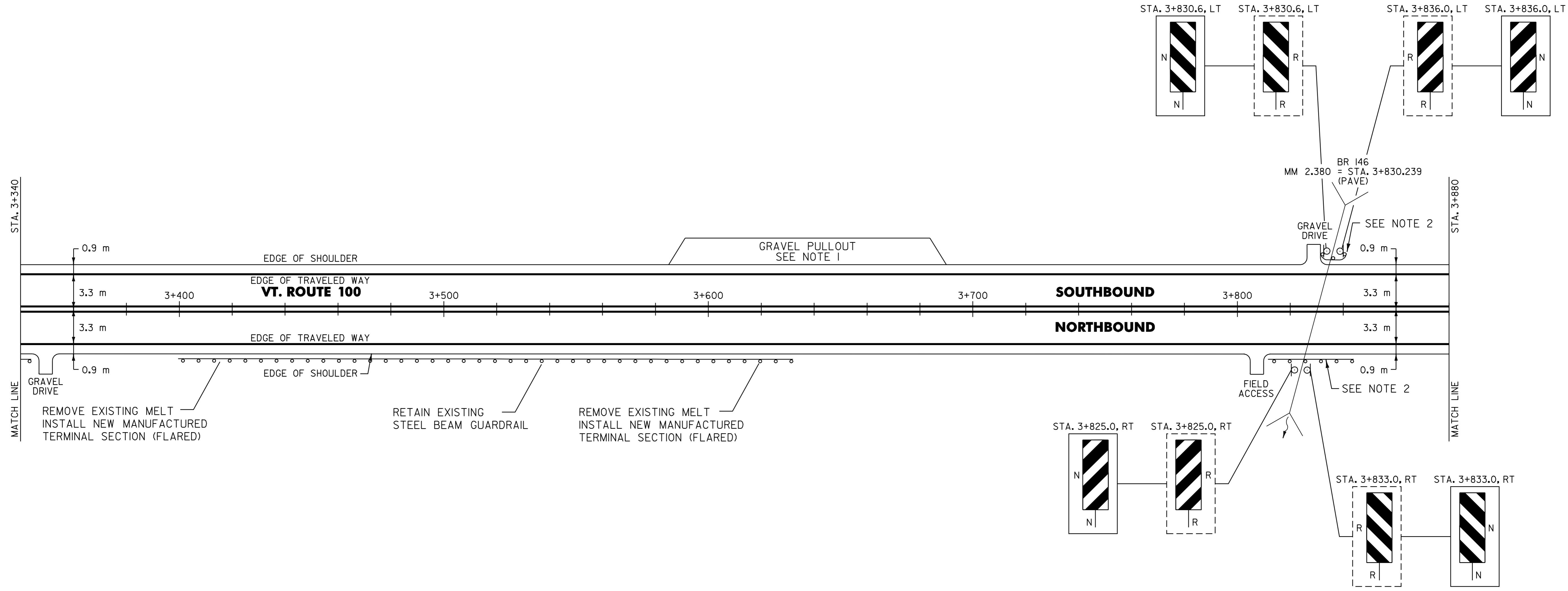
646.61 TEMPORARY 100 mm YELLOW LINE
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:
STA. 3+340.0 - STA. 3+880.0 LT S - RT S

675.50 REMOVING SIGNS
AS SHOWN - 4

DITCHING LOCATIONS

HANCOCK:
STA. 3+340 - STA. 3+713 LT
(SEE SHEET 8 FOR DETAILS)



NOTE:
1. PLACE 100 mm OF COMPACTED COLD PLANE GRINDINGS ON THE EXISTING GRAVEL PULLOUT AND PROVIDE A 35 mm TYPE IVS (50 GYRATION) APRON (1.5 m WIDE). ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID UNDER ITEM 608.25. PLACEMENT OF THE COLD PLANE GRINDINGS SHALL BE MADE UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD.)
2. SEE SHEET 48 OF 49 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.

621.20 STEEL BEAM GUARDRAIL

HANCOCK:
STA. 3+823.0 - STA. 3+834.4 RT (11.4 m)
STA. 3+823.0 - STA. 3+838.2 LT (15.2 m)

621.60 ANCHOR FOR STEEL BEAM GUARDRAIL

HANCOCK:
STA. 3+823.0 LT
STA. 3+838.2 LT

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

HANCOCK:
STA. 3+411.4 RT
STA. 3+609.6 RT
STA. 3+823.0 RT
STA. 3+834.4 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HANCOCK:
STA. 3+400.0 - STA. 3+411.4 RT (11.4 m)
STA. 3+609.6 - STA. 3+621.0 RT (11.4 m)

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

PAVING PROJECT LAYOUT	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>pave/98b180/pbl80.dgn</u>
	IPARM FILE <u>pbl80p14.i</u> DATE PLOTTED <u>21-DEC-2006 15</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_212411S</u>	
SHEET <u>22</u> OF <u>49</u> SHEETS _____	

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

HANCOCK:
 STA. 3+880.0 - STA. 4+068.422 LT & RT

GRANVILLE:
 STA. 0+000.000 - STA. 0+360.0 LT & RT

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

HANCOCK:
 STA. 3+880.0 - STA. 4+068.422 LT & RT

GRANVILLE:
 STA. 0+000.000 - STA. 0+360.0 LT & RT

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

HANCOCK:
 STA. 3+880.0 - STA. 4+068.422 LT C RT S - S

GRANVILLE:
 STA. 0+000.000 - STA. 0+360.0 S - S

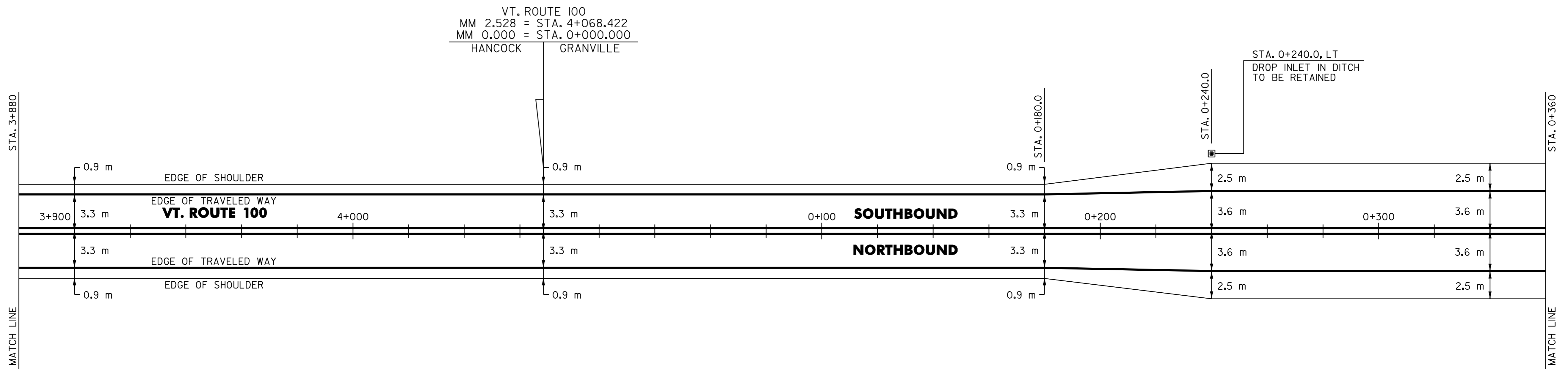
646.61 TEMPORARY 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:
 STA. 3+880.0 - STA. 4+068.422 LT C RT S - S

GRANVILLE:
 STA. 0+000.000 - STA. 0+360.0 S - S

DITCHING LOCATIONS

HANCOCK:
 STA. 3+890 - STA. 4+025 LT
 GRANVILLE:
 STA. 0+000 - STA. 0+348 LT
 (SEE SHEET 8 FOR DETAILS)



VT. ROUTE 100
 MM 2.528 = STA. 4+068.422
 MM 0.000 = STA. 0+000.000
 HANCOCK GRANVILLE

STA. 0+240.0, LT
 DROP INLET IN DITCH
 TO BE RETAINED

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

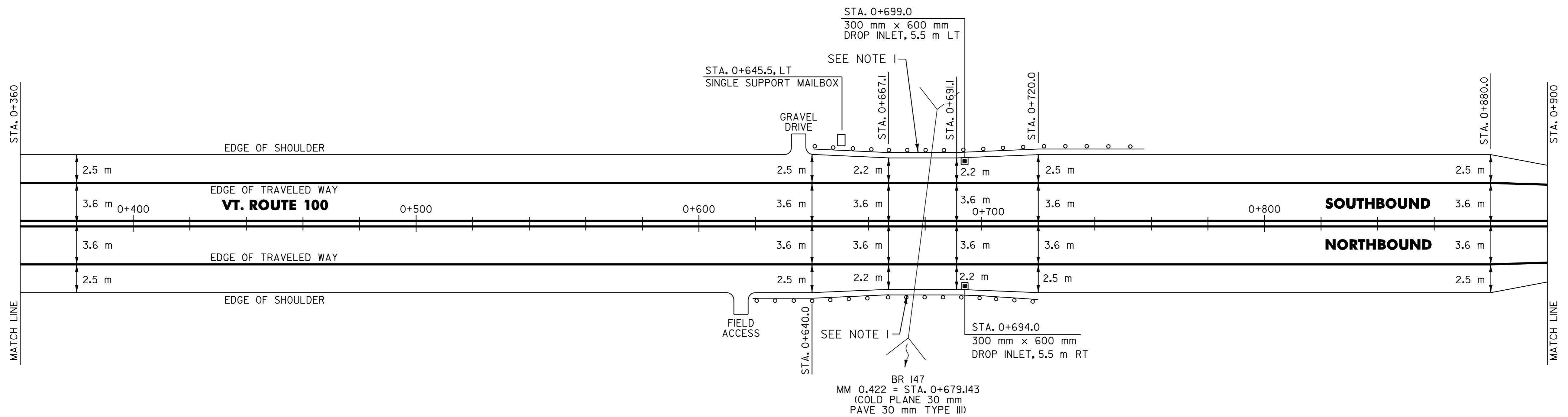
PAVING PROJECT LAYOUT	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98bl80/pbl80.dgn</u>
	IPARM FILE <u>pbl80p15.i</u> DATE PLOTTED <u>21-DEC-2006 15</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_2124(1)S</u>	
SHEET <u>23</u> OF <u>49</u> SHEETS	

646.40 DURABLE 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 GRANVILLE:
 STA. 0+360.0 - STA. 0+900.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 GRANVILLE:
 STA. 0+360.0 - STA. 0+900.0 LT S
 STA. 0+360.0 - STA. 0+900.0 RT S

646.60 TEMPORARY 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 GRANVILLE:
 STA. 0+360.0 - STA. 0+900.0 LT & RT

646.61 TEMPORARY 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 GRANVILLE:
 STA. 0+360.0 - STA. 0+900.0 LT S
 STA. 0+360.0 - STA. 0+900.0 RT S



604.412 REHABING DI, CB OR MH, CLASS J

GRANVILLE:
 STA. 0+694.0 RT
 STA. 0+699.0 LT

616.35 TREATED TIMBER CURB

GRANVILLE:
 STA. 0+692.0 - STA. 0+697.0 RT (5.0 m)
 STA. 0+697.0 - STA. 0+702.0 LT (5.0 m)

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

GRANVILLE:
 STA. 0+645.5 LT

621.20 STEEL BEAM GUARDRAIL

GRANVILLE:
~~STA. 0+631.4 - STA. 0+646.6 RT (15.2 m)~~
~~STA. 0+651.6 - STA. 0+663.0 LT (11.4 m)~~
 STA. 0+696.0 - STA. 0+707.4 RT (11.4 m)
 STA. 0+712.4 - STA. 0+742.8 LT (30.4 m)
 STA. 0+655.38 - STA. 0+663 LT (7.62 m)
 STA. 0+631.4 - STA. 0+646.6 RT (7.62 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

GRANVILLE:
 STA. 0+631.4 RT
 STA. 0+651.6 LT
 STA. 0+707.4 RT
 STA. 0+742.8 LT

621.70 GUARDRAIL APPROACH SECTION, TYPE J

GRANVILLE:
 STA. 0+646.6 - STA. 0+661.8 RT (1EA)
 STA. 0+697.2 - STA. 0+712.4 LT (1EA)

621.71 GUARDRAIL APPROACH SECTION, TYPE II

GRANVILLE:
 STA. 0+663.0 - STA. 0+666.8 LT (1EA)
 STA. 0+692.2 - STA. 0+696.0 RT (1EA)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

GRANVILLE:
 STA. 0+620.0 - STA. 0+661.8 RT (41.8 m)
 STA. 0+640.0 - STA. 0+666.8 LT (26.8 m)
 STA. 0+692.2 - STA. 0+719.0 RT (26.8 m)
 STA. 0+697.2 - STA. 0+741.0 LT (43.8 m)

NOTE:

1. SEE SHEET 39 OF 49 FOR BR 147 DETAILS. SEE SHEET 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p16.i	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	24	OF	49	SHEETS

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

GRANVILLE:
STA. 0+900.0 - STA. 1+440.0 LT & RT

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

GRANVILLE:
STA. 0+900.0 - STA. 1+440.0 LT & RT

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

GRANVILLE:		LT	CL	RT
STA. 0+900.0 - STA. 0+957.6	S	-	-	S
STA. 0+957.6 - STA. 1+126.5	S	-	-	D
STA. 1+126.5 - STA. 1+319.7	-	-	-	D
STA. 1+319.7 - STA. 1+440.0	D	-	-	S
STA. 0+941.466	DOUBLE SOLID			RT, T-3

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

GRANVILLE:		LT	CL	RT
STA. 0+900.0 - STA. 0+957.6	S	-	-	S
STA. 0+957.6 - STA. 1+126.5	S	-	-	D
STA. 1+126.5 - STA. 1+319.7	-	-	-	D
STA. 1+319.7 - STA. 1+440.0	D	-	-	S
STA. 0+941.466	DOUBLE SOLID			RT, T-3

646.46 DURABLE 600 mm STOP BAR

GRANVILLE:
STA. 0+941.466 RT, T-3

646.66 TEMPORARY 600 mm STOP BAR

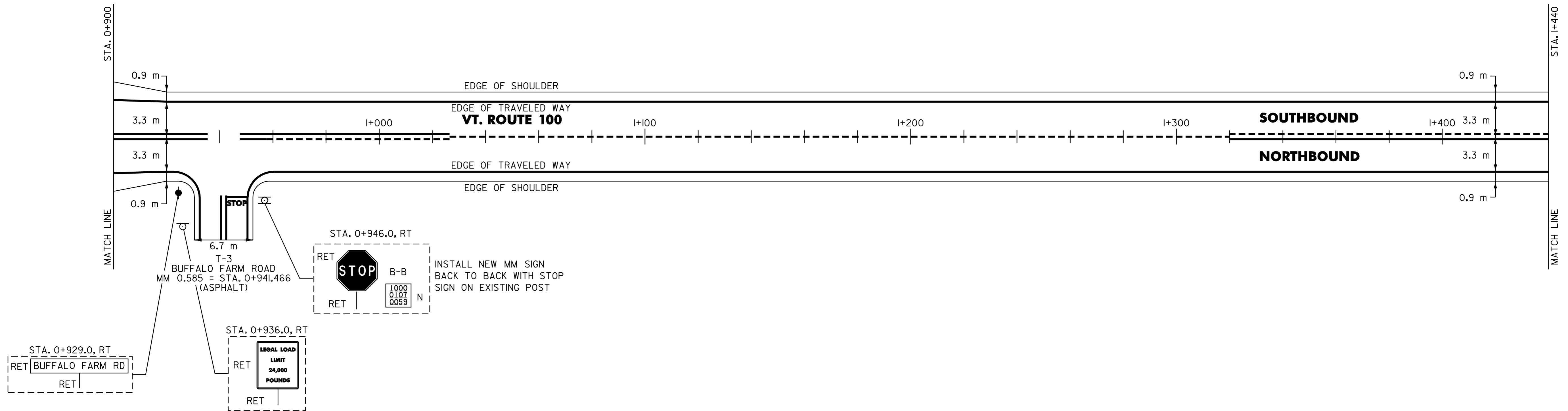
GRANVILLE:
STA. 0+941.466 RT, T-3

646.50 DURABLE LETTER OR SYMBOL

GRANVILLE:
STA. 0+941.466 RT, T-3, "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

GRANVILLE:
STA. 0+941.466 RT, T-3, "S,T,O,P" (4 EA)



NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS 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 <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98b180/pb180.dgn</u>
	IPARM <u>pb180p17.i</u> DATE <u>21-DEC-2006</u> FILE <u>PLOTTED</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_2124(1)S</u>	
SHEET <u>25</u> OF <u>49</u> SHEETS _____	

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

GRANVILLE:
 STA. I+440.0 - STA. I+980.0 LT & RT

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

GRANVILLE:
 STA. I+440.0 - STA. I+980.0 LT & RT

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

GRANVILLE:
 STA. I+440.0 - STA. I+528.9 LT D - S
 STA. I+528.9 - STA. I+980.0 S - S

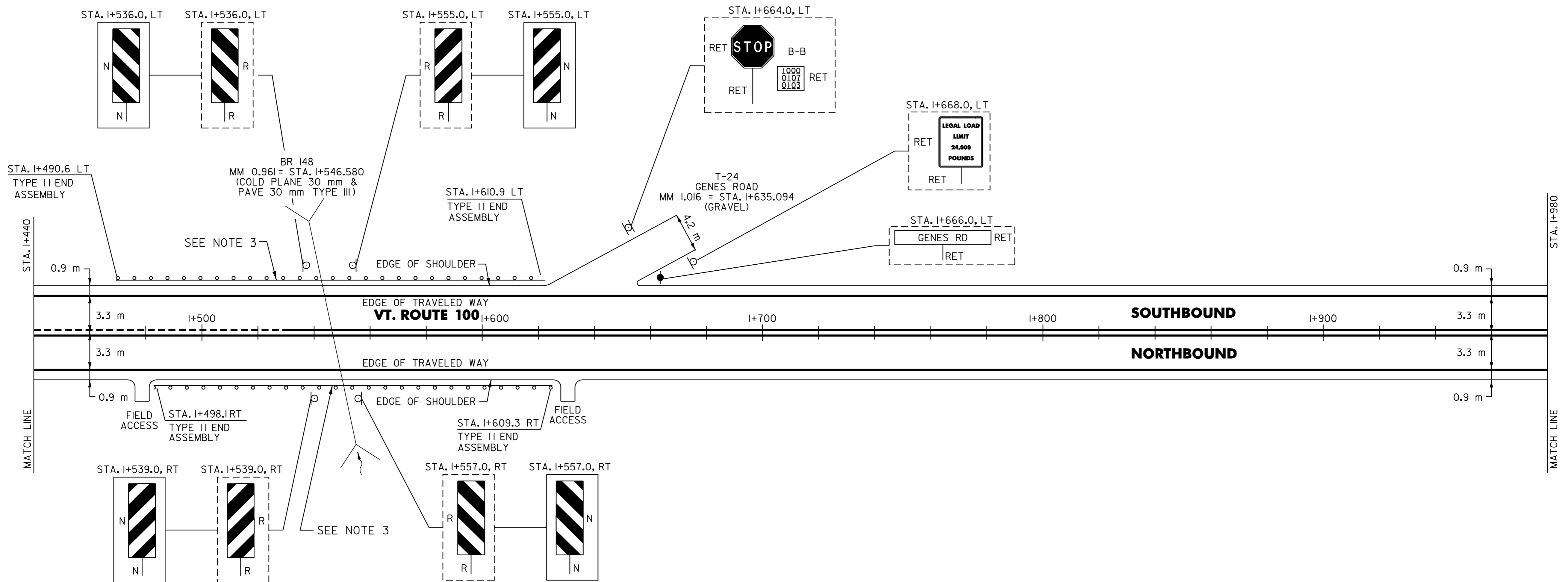
646.61 TEMPORARY 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

GRANVILLE:
 STA. I+440.0 - STA. I+528.9 LT D - S
 STA. I+528.9 - STA. I+980.0 S - S

675.50 REMOVING SIGNS
 AS SHOWN - 4

DITCHING LOCATIONS

GRANVILLE:
 STA. I+843 - STA. I+980 LT
 (SEE SHEET 8 FOR DETAILS)



525.10 REMOVAL OF EXISTING RAILING

GRANVILLE:
 STA. I+536.7 - STA. I+555.7 LT (19.0 m)
 STA. I+538.7 - STA. I+557.7 RT (19.0 m)

621.30 BOX BEAM GUARD RAIL (MOD. 2)

GRANVILLE:
 STA. I+529.0 - STA. I+563.4 LT (34.34 m)
 STA. I+531.0 - STA. I+565.4 RT (34.34 m)

621.30 BOX BEAM GUARDRAIL W/2.1m POSTS (MOD.)

GRANVILLE:
 STA. I+490.6 - STA. I+529.0 LT (38.4 m)
 STA. I+498.1 - STA. I+531.0 RT (32.9 m)
 STA. I+563.4 - STA. I+610.9 LT (47.5 m)
 STA. I+565.4 - STA. I+609.3 RT (43.9 m)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

GRANVILLE:
 STA. I+482.0 - STA. I+536.7 LT (54.7 m)
 STA. I+482.0 - STA. I+538.7 RT (56.7 m)
 STA. I+555.7 - STA. I+595.0 LT (39.3 m)
 STA. I+557.7 - STA. I+610.0 RT (52.3 m)

621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS

GRANVILLE:
 STA. I+480.0 LT
 STA. I+597.0 LT
 STA. I+613.0 RT

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- NO OPENING IN THE CENTERLINE OR EDGELINE MARKINGS WILL BE PROVIDED FOR T-24 AS SHOWN ON THE AGENCY'S TOWN HIGHWAY INVENTORY FORM.
- SEE SHEETS 36, 40, 46B & 47 OF 49 FOR BR 148 DETAILS.

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 C.A.K. DATE 11/00
 SQUAD LEADER T.P.K.
 DESIGN FILE NO. /pave/98b180/pbl80.dgn
 IPARM FILE pbl80p18.i DATE PLOTTED 21-DEC-2006
 PROJ. NAME ROCHESTER-GRANVILLE
 PROJ. NO. AC_SIP_2124(1)S
 SHEET 26 OF 49 SHEETS _____

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

646.40 DURABLE 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 GRANVILLE:
 STA. 1+980.0 - STA. 2+520.0 LT & RT

646.60 TEMPORARY 100 mm WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 GRANVILLE:
 STA. 1+980.0 - STA. 2+520.0 LT & RT

646.41 DURABLE 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 GRANVILLE:
 STA. 1+980.0 - STA. 2+520.0 LT S - RT S

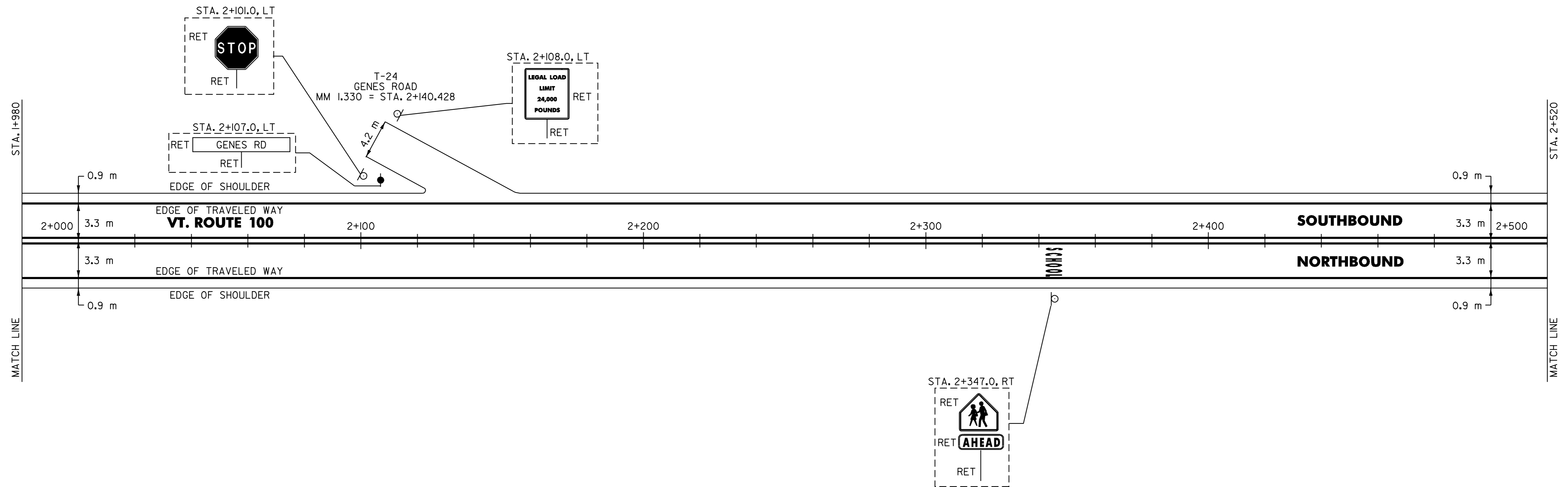
646.61 TEMPORARY 100 mm YELLOW LINE
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 GRANVILLE:
 STA. 1+980.0 - STA. 2+520.0 LT S - RT S

646.50 DURABLE LETTER OR SYMBOL
 GRANVILLE:
 STA. 2+347.0 RT, "S,C,H,0,0,L" (6 EA)

646.70 TEMPORARY LETTER OR SYMBOL
 GRANVILLE:
 STA. 2+347.0 RT, "S,C,H,0,0,L" (6 EA)

DITCHING LOCATIONS

GRANVILLE:
 STA. 1+980 - STA. 1+988 LT
 (SEE SHEET 8 FOR DETAILS)



NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- NO OPENING IN THE CENTERLINE OR EDGELINE MARKINGS WILL BE PROVIDED FOR T-24 AS SHOWN ON THE AGENCY'S TOWN HIGHWAY INVENTORY FORM.

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 C.A.K. DATE 11/00
 SQUAD LEADER T.P.K.
 DESIGN FILE NO. /pave/98b180/pb180.dgn
 IPARM pb180p19.i DATE 21-DEC-2006
 FILE PLOTTED
 PROJ. NAME ROCHESTER-GRANVILLE
 PROJ. NO. AC_SIP_2124(1)S
 SHEET 27 OF 49 SHEETS _____

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

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

GRANVILLE:
STA. 2+520.0 - STA. 3+060.0 LT & RT

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

GRANVILLE:
STA. 2+520.0 - STA. 3+060.0 LT & RT

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

GRANVILLE:
STA. 2+520.0 - STA. 3+060.0 LT S - RT S

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

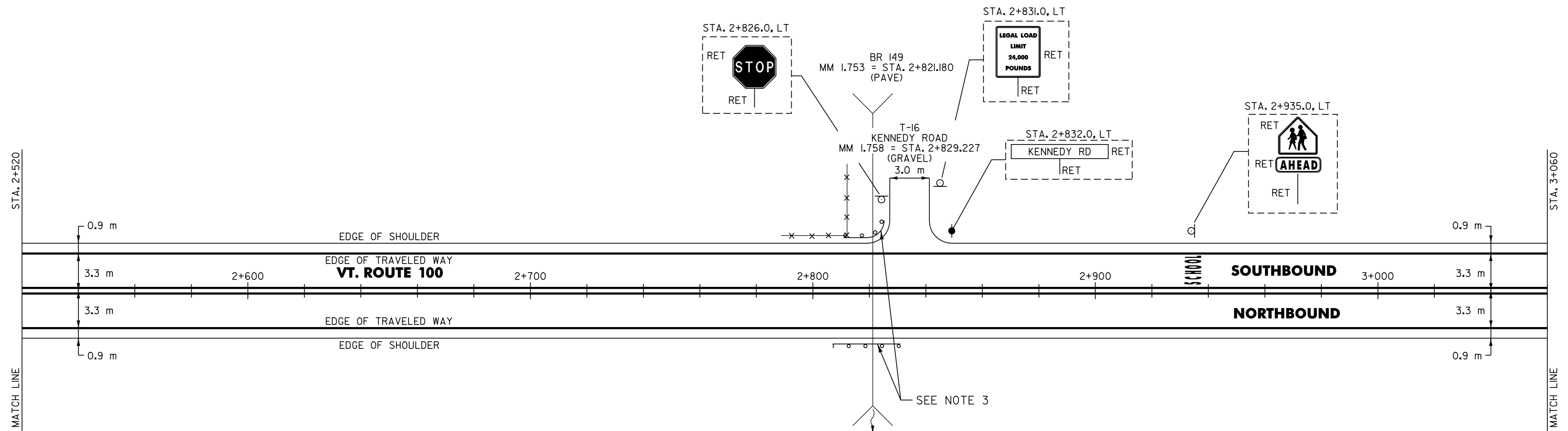
GRANVILLE:
STA. 2+520.0 - STA. 3+060.0 LT S - RT S

646.50 DURABLE LETTER OR SYMBOL

GRANVILLE:
STA. 2+935.0 LT, "S,C,H,O,O,L" (6 EA)

646.70 TEMPORARY LETTER OR SYMBOL

GRANVILLE:
STA. 2+935.0 LT, "S,C,H,O,O,L" (6 EA)



525.10 REMOVAL OF EXISTING RAILING

GRANVILLE:
STA. 2+819.1 - STA. 2+822.9 LT (3.8 m)
STA. 2+819.1 - STA. 2+822.9 RT (3.8 m)

525.41 BRIDGE RAIL - H.D. STEEL BEAM/FASCIA MOUNTED (MOD. 2)

GRANVILLE:
STA. 2+819.1 - STA. 2+822.9 LT (3.8 m)
STA. 2+819.1 - STA. 2+822.9 RT (3.8 m)

620.50 REMOVING AND RESETING FENCE

GRANVILLE:
~~STA. 2+813.7 - STA. 2+814.7 LT (10.0 m)~~

621.21 HEAVY DUTY STEEL BEAM GUARDRAIL

GRANVILLE:
STA. 2+814.7 - STA. 2+819.1 LT (4.4 m)
STA. 2+822.9 - STA. 2+827.3 LT (4.4 m)
STA. 2+822.9 - STA. 2+831.1 RT (8.2 m)

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

GRANVILLE:
STA. 2+819.1 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

GRANVILLE:
STA. 2+817.2 LT
STA. 2+824.8 LT
STA. 2+828.6 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

GRANVILLE:
STA. 2+810.0 - STA. 2+819.1 RT (9.1 m)
STA. 2+814.7 - STA. 2+819.1 LT (4.4 m)
STA. 2+822.9 - STA. 2+827.3 LT (4.4 m)
STA. 2+822.9 - STA. 2+832.0 RT (9.1 m)

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- NO OPENING IN THE CENTERLINE OR EDGE LINE MARKINGS WILL BE PROVIDED FOR T-16 BECAUSE IT IS A CLASS IV TOWN HIGHWAY.
- SEE SHEETS 36 OF 49 & 41 OF 49 FOR BR 149 DETAILS.

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 C.A.K. DATE 11/00
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/98b180/pbl80.dgn
IPARM FILE pbl80p20.i DATE PLOTTED 21-DEC-2006 15
PROJ. NAME ROCHESTER-GRANVILLE
PROJ. NO. AC_SIP_212411S
SHEET 28 OF 49 SHEETS _____

DATUM
VERTICAL N/A
HORIZONTAL N/A

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

GRANVILLE:
 STA. 3+060.0 - STA. 3+600.0 LT & RT

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

GRANVILLE:
 STA. 3+060.0 - STA. 3+600.0 LT & RT

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

GRANVILLE:
 STA. 3+060.0 - STA. 3+600.0 LT S C RT S
 STA. 3+474.574 DOUBLE SOLID RT, T-5

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

GRANVILLE:
 STA. 3+060.0 - STA. 3+600.0 LT S C RT S
 STA. 3+474.574 DOUBLE SOLID RT, T-5

646.46 DURABLE 600 mm STOP BAR

GRANVILLE:
 STA. 3+474.574 RT, T-5

646.66 TEMPORARY 600 mm STOP BAR

GRANVILLE:
 STA. 3+474.574 RT, T-5

646.50 DURABLE LETTER OR SYMBOL

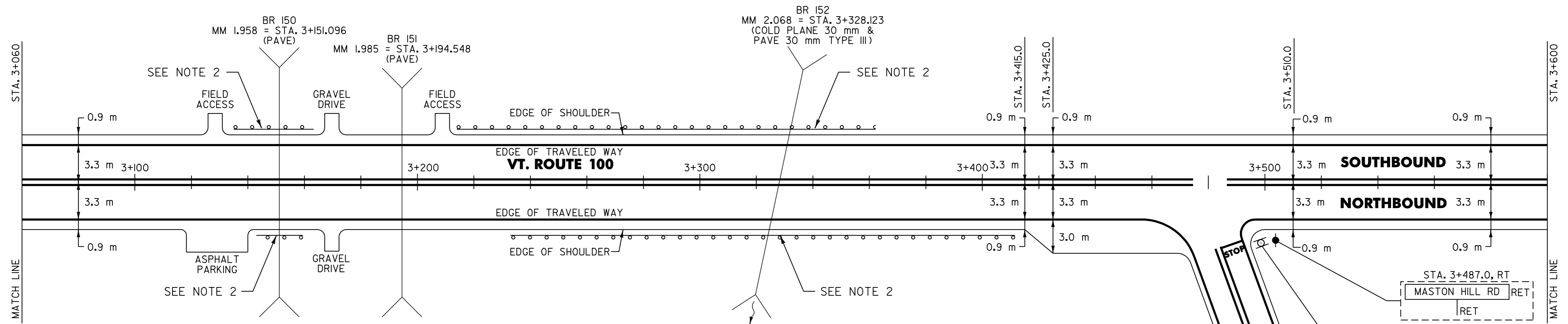
GRANVILLE:
 STA. 3+474.574 RT, T-5, "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

GRANVILLE:
 STA. 3+474.574 RT, T-5, "S,T,O,P" (4 EA)

DITCHING LOCATIONS

GRANVILLE:
 STA. 3+589 - STA. 3+600 RT
 (SEE SHEET 8 FOR DETAILS)



525.10 REMOVAL OF EXISTING RAILING

GRANVILLE:
 STA. 3+146.4 - STA. 3+154.0 LT (7.6 m)
 STA. 3+147.4 - STA. 3+155.0 RT (7.6 m)
 STA. 3+322.2 - STA. 3+343.1 RT (20.9 m)
 STA. 3+329.9 - STA. 3+350.8 LT (20.9 m)

525.4I BRIDGE RAIL - H.D. STEEL BEAM/FASCIA MOUNTED (MOD. 3)

GRANVILLE:
 STA. 3+146.4 - STA. 3+154.0 LT (7.6 m)
 STA. 3+147.4 - STA. 3+155.0 RT (7.6 m)
 STA. 3+322.2 - STA. 3+343.1 RT (20.9 m)
 STA. 3+329.9 - STA. 3+350.8 LT (20.9 m)

621.20 STEEL BEAM GUARDRAIL

GRANVILLE:
~~STA. 3+161.6 - STA. 3+166.0 LT (4.4 m)~~
 STA. 3+225.4 - STA. 3+320.4 LT (95.0 m)
 STA. 3+157.8 - STA. 3+162.2 LT (4.4 m)

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

GRANVILLE:
 STA. 3+244.3 - STA. 3+312.7 RT (68.4 m)
 STA. 3+350.7 - STA. 3+400.1 RT (49.4 m)

621.2I HEAVY DUTY STEEL BEAM GUARDRAIL

GRANVILLE:
 STA. 3+143.0 - STA. 3+147.4 RT (4.4 m)
 STA. 3+154.0 - STA. 3+161.6 LT (7.6 m)
 STA. 3+155.0 - STA. 3+159.4 RT (4.4 m)
 STA. 3+320.4 - STA. 3+329.9 LT (9.5 m)

621.2I HEAVY DUTY STEEL BEAM GUARDRAIL W/2.4 m POSTS (MOD.)

GRANVILLE:
 STA. 3+312.7 - STA. 3+322.2 RT (9.5 m)
 STA. 3+343.1 - STA. 3+350.7 RT (7.6 m)

621.505 MANUFACTURED TERMINAL SECTION

GRANVILLE:
 STA. 3+350.8 LT

621.505 MANUFACTURED TERMINAL SECTION (FLARED)

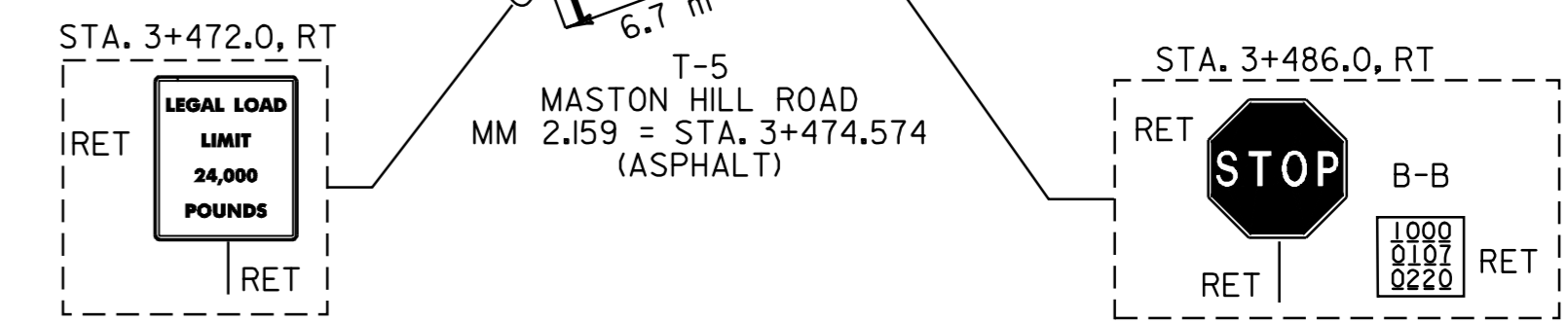
GRANVILLE:
 STA. 3+146.4 LT
 STA. 3+225.4 LT
 STA. 3+244.3 RT
 STA. 3+400.1 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

GRANVILLE:
 STA. 3+145.5 RT
 STA. 3+156.9 RT
 STA. 3+163.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

GRANVILLE:
 STA. 3+141.0 - STA. 3+146.4 LT (5.4 m)
 STA. 3+143.0 - STA. 3+147.4 RT (4.4 m)
 STA. 3+154.0 - STA. 3+162.0 LT (8.0 m)
 STA. 3+155.0 - STA. 3+160.0 RT (5.0 m)
 STA. 3+212.0 - STA. 3+329.9 LT (117.9 m)
 STA. 3+235.0 - STA. 3+320.3 RT (85.3 m)
 STA. 3+343.1 - STA. 3+407.0 RT (63.9 m)
 STA. 3+350.8 - STA. 3+357.0 LT (6.2 m)



NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SEE SHEETS 36 OF 49 & 42 OF 49 FOR BR 150 DETAILS. SEE SHEETS 36 OF 49 & 43 OF 49 FOR BR 152 DETAILS.

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

PAVING PROJECT LAYOUT	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98b180/pbl80.dgn</u>
	IPARM FILE <u>pbl80p21.i</u> DATE PLOTTED <u>21-DEC-2006 15</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_SIP_2124(1)S</u>	
SHEET <u>29</u> OF <u>49</u> SHEETS _____	

DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

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

GRANVILLE:
 STA. 3+600.0 - STA. 4+140.0 LT & RT

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

GRANVILLE:
 STA. 3+600.0 - STA. 4+140.0 LT & RT

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

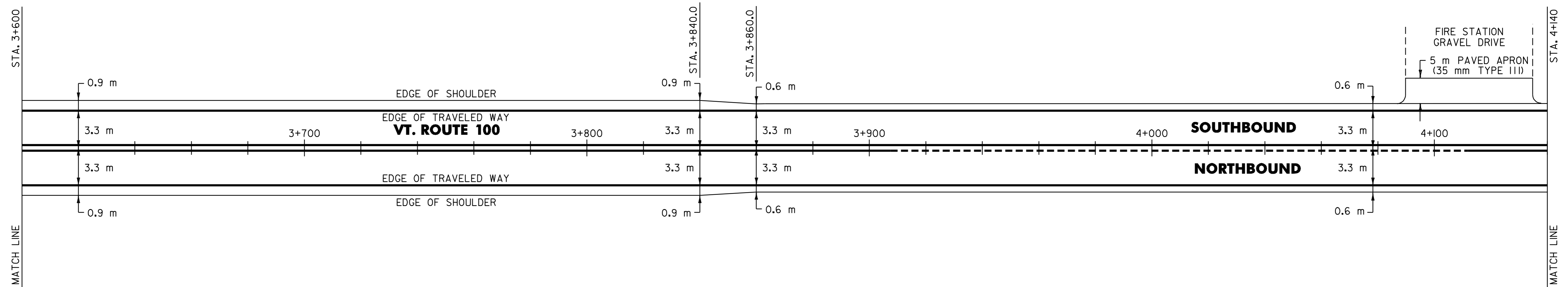
GRANVILLE:		LT	☐	RT
STA. 3+600.0 - STA. 3+907.5	S	-	-	S
STA. 3+907.5 - STA. 4+111.9	S	-	-	D
STA. 4+111.9 - STA. 4+140.0	S	-	-	S

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

GRANVILLE:		LT	☐	RT
STA. 3+600.0 - STA. 3+907.5	S	-	-	S
STA. 3+907.5 - STA. 4+111.9	S	-	-	D
STA. 4+111.9 - STA. 4+140.0	S	-	-	S

DITCHING LOCATIONS

GRANVILLE:
 STA. 3+600 - STA. 3+761 RT
 STA. 3+907 - STA. 4+140 RT
 (SEE SHEET 8 FOR DETAILS)



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PAVING PROJECT LAYOUT	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80p22.i	DATE PLOTTED	21-DEC-2006 15
	PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_2124(I)S			
SHEET	30	OF	49	SHEETS

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

GRANVILLE:
STA. 4+140.0 - STA. 4+713.769 LT & RT

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

GRANVILLE:
STA. 4+140.0 - STA. 4+713.769 LT & RT

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

GRANVILLE:
STA. 4+140.0 - STA. 4+713.769 LT S
STA. 4+686.410 DOUBLE SOLID RT, T-2 S

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

GRANVILLE:
STA. 4+140.0 - STA. 4+713.769 LT S
STA. 4+686.410 DOUBLE SOLID RT, T-2 S

646.46 DURABLE 600 mm STOP BAR

GRANVILLE:
STA. 4+686.410 RT, T-2

646.66 TEMPORARY 600 mm STOP BAR

GRANVILLE:
STA. 4+686.410 RT, T-2

646.50 DURABLE LETTER OR SYMBOL

GRANVILLE:
STA. 4+686.410 RT, T-2, "S,T,O,P" (4 EA)

646.70 TEMPORARY LETTER OR SYMBOL

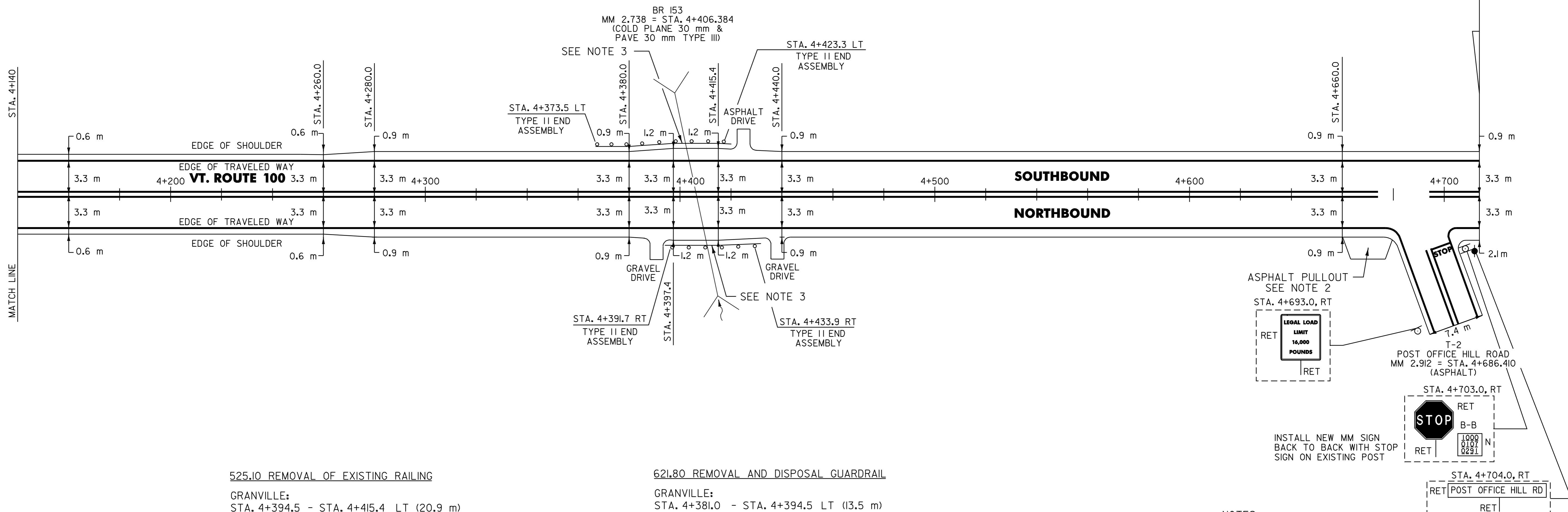
GRANVILLE:
STA. 4+686.410 RT, T-2, "S,T,O,P" (4 EA)

DITCHING LOCATIONS

GRANVILLE:
STA. 4+140 - STA. 4+369 RT
(SEE SHEET 8 FOR DETAILS)

VT. ROUTE 100
MM 2.929 = STA. 4+713.769
END AC STP 2124(I)S

END CATEGORY II WORK PLAN
EXPERIMENTAL TEST SECTION
(50 GYRATION SECTION)



525.10 REMOVAL OF EXISTING RAILING

GRANVILLE:
STA. 4+394.5 - STA. 4+415.4 LT (20.9 m)
STA. 4+399.6 - STA. 4+420.5 RT (20.9 m)

621.30 BOX BEAM GUARD RAIL (MOD. 3)

GRANVILLE:
STA. 4+386.6 - STA. 4+423.3 LT (36.78 m)
STA. 4+391.7 - STA. 4+428.4 RT (36.78 m)

621.30 BOX BEAM GUARD RAIL

GRANVILLE:
STA. 4+373.5 - STA. 4+386.6 LT (13.1 m)
STA. 4+428.4 - STA. 4+433.9 RT (5.5 m)

621.80 REMOVAL AND DISPOSAL GUARDRAIL

GRANVILLE:
STA. 4+381.0 - STA. 4+394.5 LT (13.5 m)
STA. 4+394.0 - STA. 4+399.6 RT (7.6 m)
STA. 4+415.4 - STA. 4+423.0 LT (7.6 m)
STA. 4+420.5 - STA. 4+426.0 RT (5.5 m)

- NOTES:
- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 8 m BACK FROM VT. ROUTE 100 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - PAVE THE EXISTING ASPHALT PULLOUT ADJACENT TO THE POST OFFICE WITH 35 mm TYPE IVS (50 GYRATION).
 - SEE SHEETS 36, 44 & 46C OF 49 FOR BR 153 DETAILS.

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

<h2>PAVING PROJECT LAYOUT</h2>	SURVEYED BY <u>N/A</u> DATE <u>N/A</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>11/00</u>
	SQUAD LEADER <u>T.P.K.</u>
	DESIGN FILE NO. <u>/pave/98b180/pb180.dgn</u>
	IPARM FILE <u>pb180p23.i</u> DATE PLOTTED <u>21-DEC-2006</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	
PROJ. NO. <u>AC_STP_2124(I)S</u>	
SHEET <u>31</u> OF <u>49</u> SHEETS _____	

DATUM
VERTICAL N/A
HORIZONTAL N/A

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS												REMARKS	SIGN DETAIL									
		EA	WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS		RETAIN	SALVAGE	FLANGED CHANNEL			SQUARE STEEL (mm)			TUBULAR ALUMINUM Ø (mm)			TUBULAR STEEL Ø (mm)				W-SHAPE STEEL			FRAMING SIGN	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
1+945.0, LT		1	750	750	0.56				1																				BACK-TO-BACK		E-143 E-138	
2+051.0, LT		1	150	200	0.03																						MOUNT NEW MILEMARKER BACK TO BACK WITH STOP SIGN ON EXISTING POST		E-138			
3+825.0, RT		1	300	900	0.27				1																				48			
3+830.6, LT		1	300	900	0.27				1																					48		
3+833.0, RT		1	300	900	0.27				1																					48		
3+836.0, LT		1	300	900	0.27				1																					48		

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	EA	EA	kg															
			1.70								23.0	23.0																					

PROJECT: ROCHESTER - GRANVILLE	PROJECT NO.: AC_STIP_2124(1)
DESIGN FILE NAME: <i>zpgve\98bl80\pbl80.dgn</i>	PLOT DATE: 21-DEC-2006 15:
IPARM FILE NAME: <i>pbl80i02.i</i>	SURVEY DATE: <i>N/A</i>
SURVEYED BY: <i>NZA</i>	DRAWN BY: <i>C.A.K.</i>
SQUAD LEADER: <i>I.P.K.</i>	SHEET: 33 OF 49

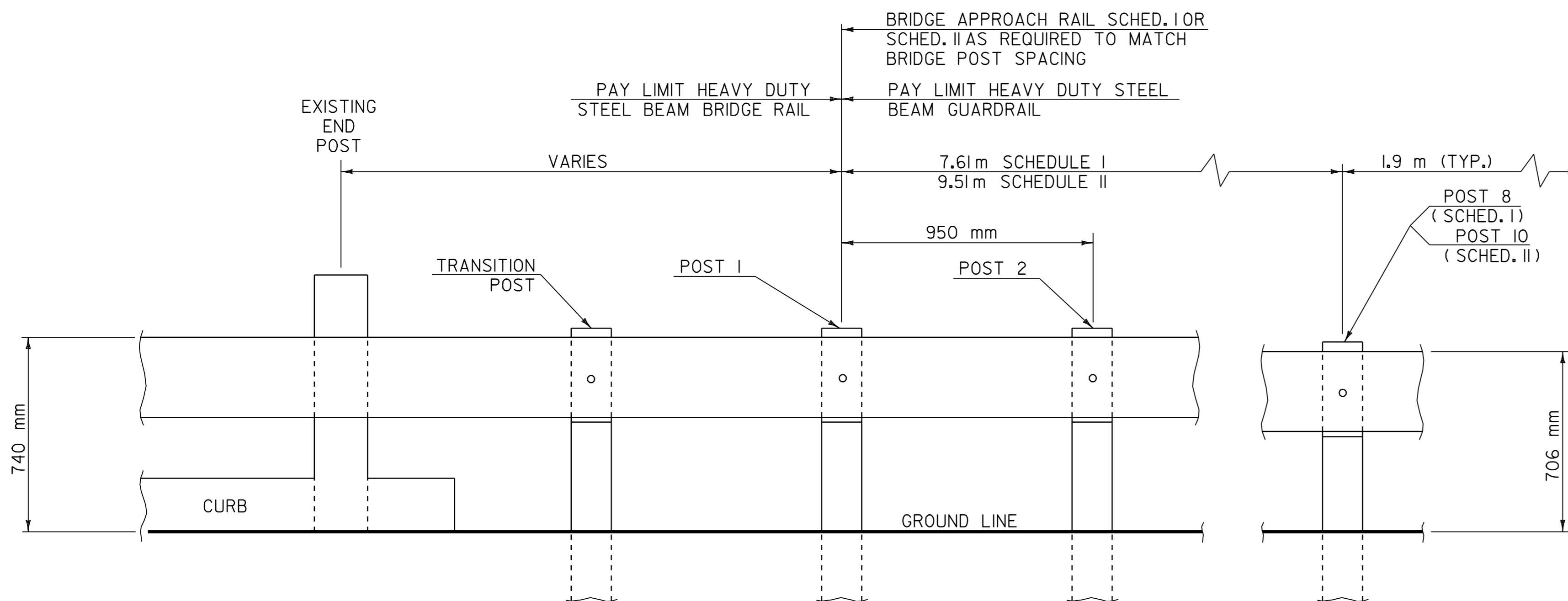
BRIDGE QUANTITY SHEET



STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	525.41 (MOD.3)	621.30 (MOD.1)	621.30 (MOD.2)	621.30 (MOD.3)	REMARKS
HANCOCK:									
1+903.3 - 1+940.2	LT	145	--	17.1		120'11" (36.86 m)			
1+903.3 - 1+940.2	RT	145	--	17.1		120'11" (36.86 m)			
GRANVILLE:									
1+529.0 - 1+563.4	LT	148	--	19			112'8" (34.34 m)		
1+531.0 - 1+565.4	RT	148	--	19			112'8" (34.34 m)		
2+819.1 - 2+822.9	LT	149	200 mm	3.8	3.8				
2+819.1 - 2+822.9	RT	149	200 mm	3.8	3.8				
3+146.4 - 3+154.0	LT	150	200 mm	7.6	7.6				
3+147.4 - 3+155.0	RT	150	200 mm	7.6	7.6				
3+322.2 - 3+343.1	RT	152	200 mm	20.9	20.9				
3+329.9 - 3+350.8	LT	152	200 mm	20.9	20.9				
4+386.6 - 4+423.3	LT	153	--	20.9			120'8" (36.78 m)		
4+391.7 - 4+428.4	RT	153	--	20.9			120'8" (36.78 m)		
ROUNDING				11.4	5.4	1.28 m	1.32 m	1.44 m	
TOTAL				190	70	75.0 m	70.0 m	75.0 m	

NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 7.61 m.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 7.61 m FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1M FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 9 m APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
8. ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER ITEM 525.40 BRIDGE RAILING - HD STEEL BEAM/CURB MOUNTED (MOD. 2) OR ITEM 525.41 BRIDGE RAILING - HD STEEL BEAM/FASCIA MOUNTED (MOD. 1), (MOD. 2) OR (MOD. 3) AS DENOTED IN THE PLANS.
9. ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE AASHTO M 183/M 183M, UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO AASHTO M III.
10. SEE STANDARD SHEET G-1M FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.



BRIDGE APPROACH RAILING

NOT TO SCALE

BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1 USE SCHEDULE I FOR APPROACH RAILING. WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

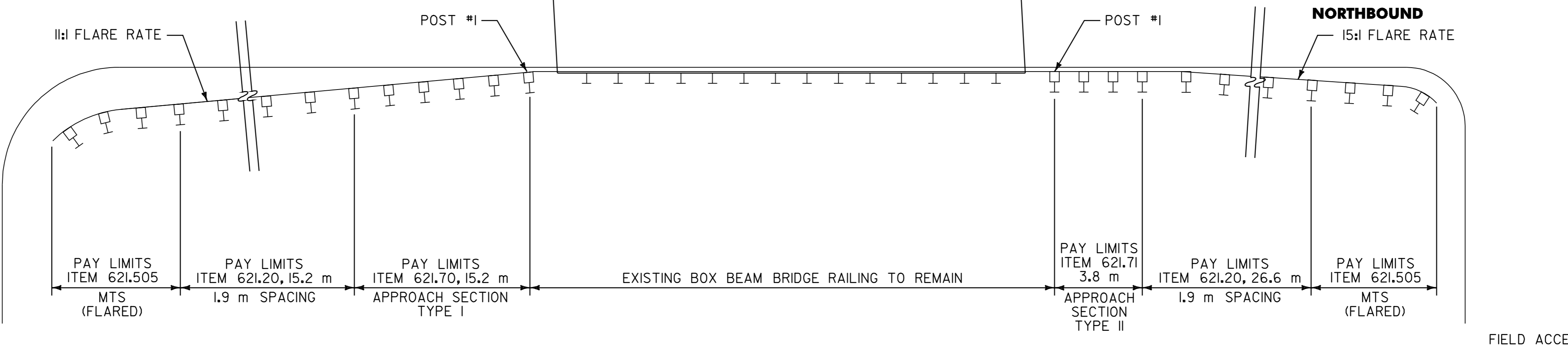
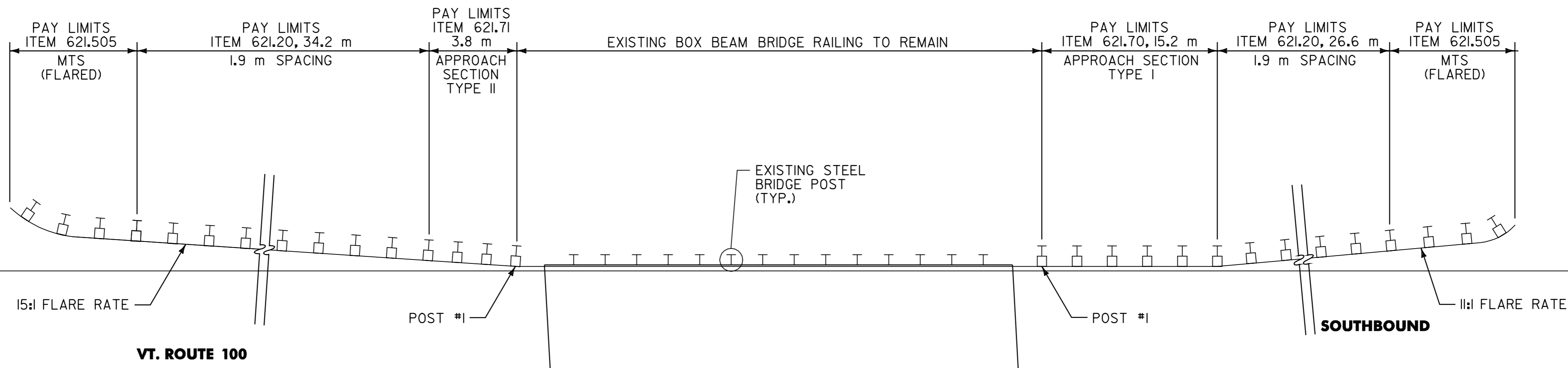
SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	950 mm	1.4 x 3.8 m
2	950 mm	
3	950 mm	
4	950 mm	
5	1.27 m	1.2 x 3.8 m
6	1.27 m	
7	1.27 m	
8	1.9 m (TYP.)	1.0 (TYP.)
9	1.9 m (TYP.)	

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	950 mm	1.4 x 5.7 m
2	950 mm	
3	950 mm	
4	950 mm	
5	950 mm	
6	1.27 m	1.2 x 3.8 m
7	1.27 m	
8	1.27 m	
9	1.27 m	
10	1.9 m (TYP.)	1.0 (TYP.)
11	1.9 m (TYP.)	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET 1

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.A.K.	DATE	11/00
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
IPARM FILE	pbl80b01.i	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_212411S		
SHEET	36	OF	49
SHEETS			



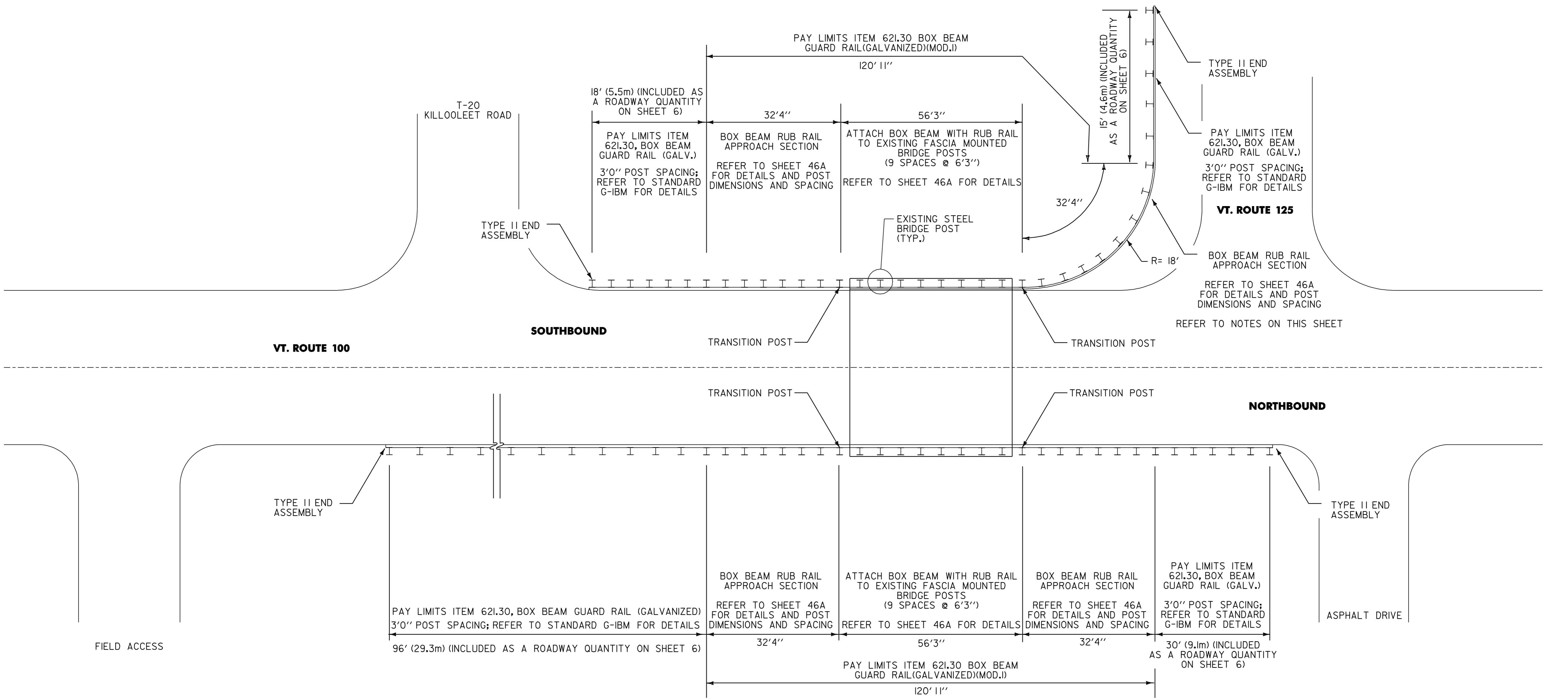
T-61
QUARRY ROAD
(ASPHALT)

FIELD ACCESS

BR 144 ROCHESTER MM 7.182 = STA. 11+558.309
NOT TO SCALE

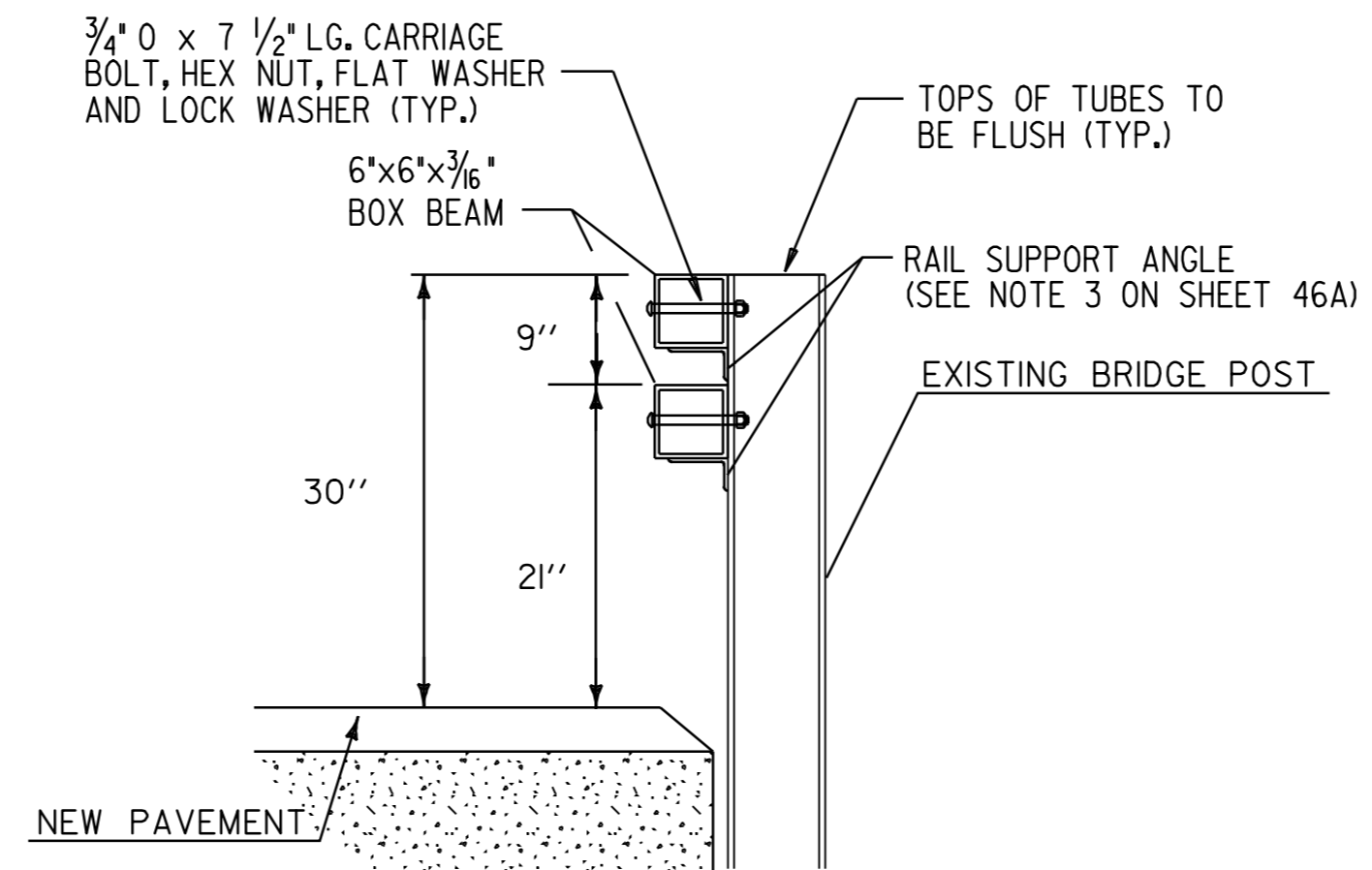
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET 2	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pb180.dgn		
	IPARM FILE	pb180b02.i	DATE PLOTTED	21-DEC-2006 15:45
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_STP_2124(1)S			
SHEET	37	OF	49	SHEETS



BR 145 HANCOCK MM 1.194 = STA. 1+921.557

NOT TO SCALE



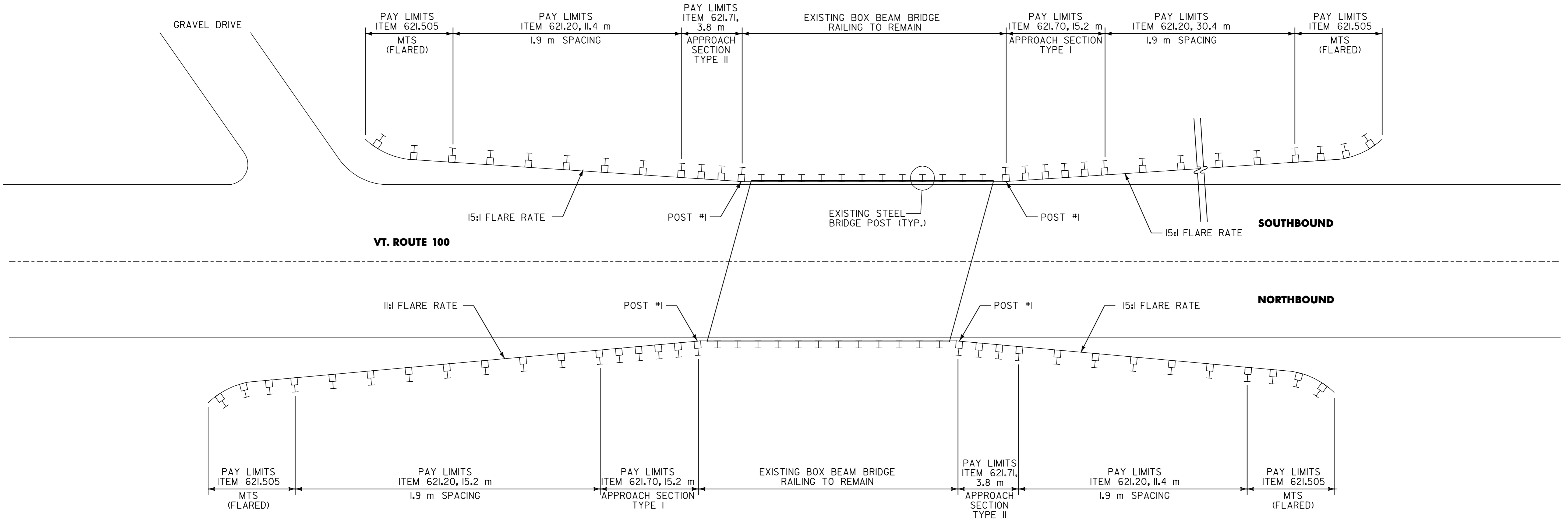
BR 145 BRIDGE POST DETAIL

NOT TO SCALE

NOTES
 ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.
 BOX BEAM DETAILS FOR BRIDGE 145 APPEAR ON SHEET 46A.
 THE BOX BEAM RAIL AND LOWER RUB RAIL ALONG THE EDGE OF VT. ROUTE 125 SHALL BE SHOP BENT TO THE INDICATED RADIUS. THIS RADIUS SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

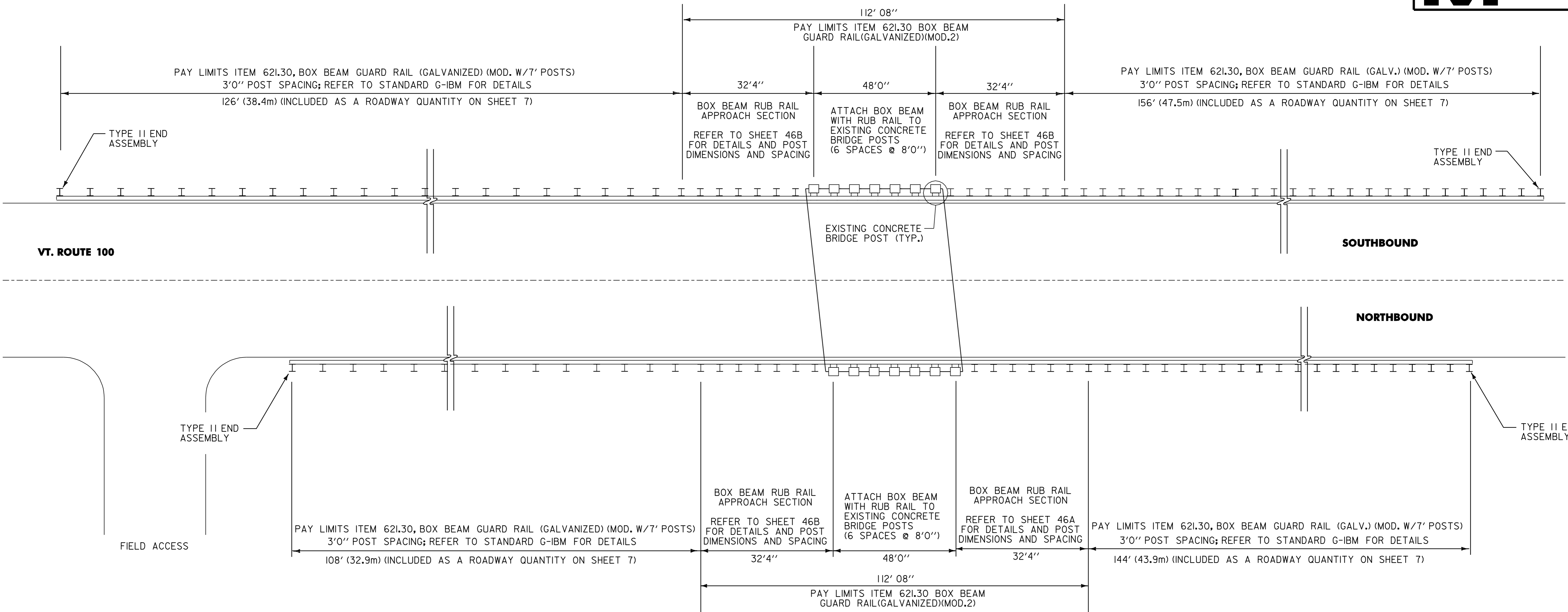
BRIDGE DETAIL SHEET 3	
SURVEYED BY	N/A DATE N/A
DRAWN BY	C.A.K. DATE 11/00
SQUAD LEADER	T.P.K.
DESIGN FILE NO.	pave/98b180/pbl80.dgn
IPARM FILE	pbl80b03.i DATE PLOTTED 21-DEC-2006 15:53
PROJ. NAME	ROCHESTER-GRANVILLE
PROJ. NO.	AC_SIP_212411S
SHEET	38 OF 49 SHEETS



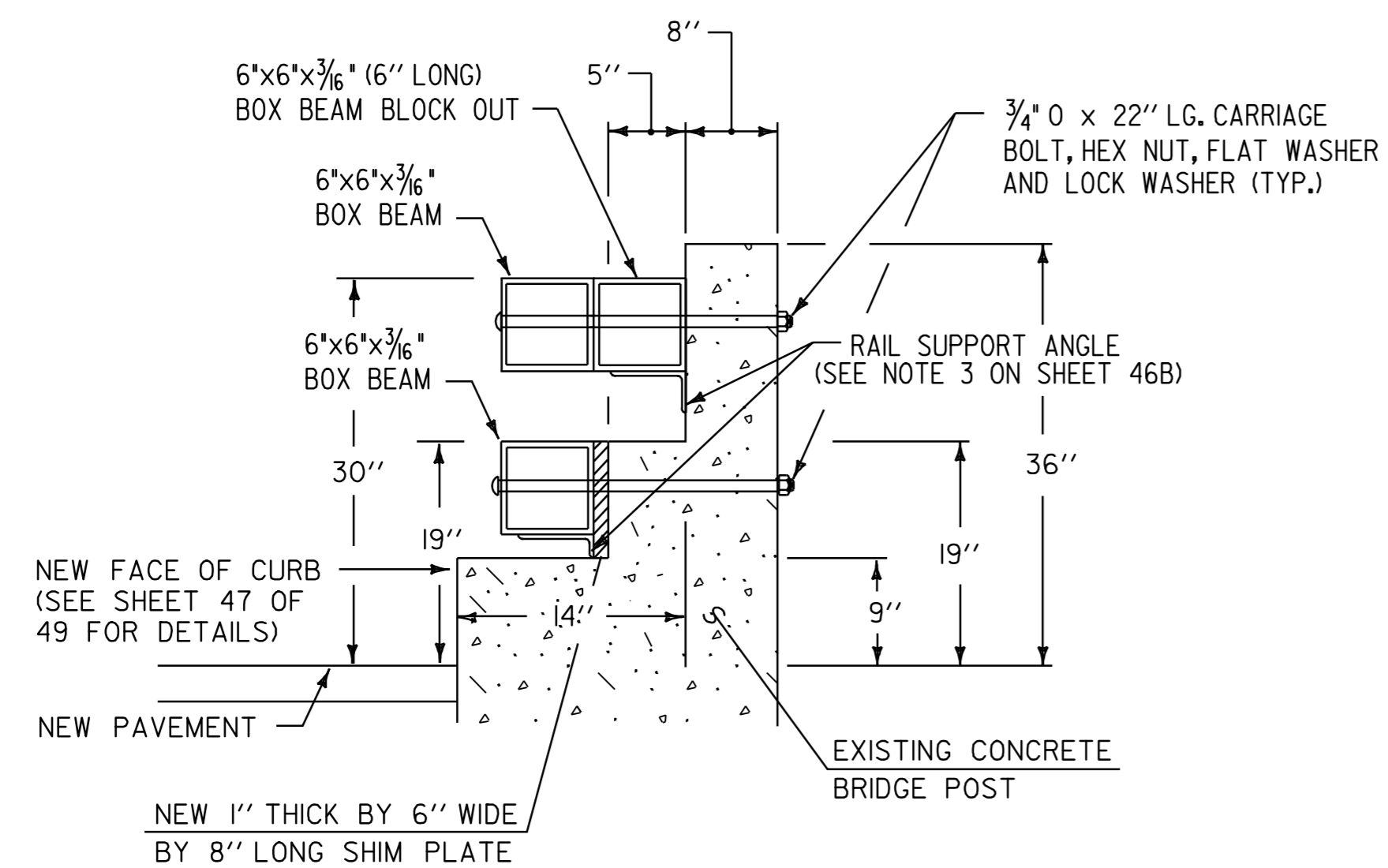
BR 147 GRANVILLE MM 0.422 = STA. 0+679.143
 NOT TO SCALE

DATUM	
VERTICAL	<u>N/A</u>
HORIZONTAL	<u>N/A</u>

BRIDGE DETAIL SHEET 4	SURVEYED BY	<u>N/A</u>	DATE	<u>N/A</u>
	DRAWN BY	<u>C.A.K.</u>	DATE	<u>11/00</u>
	SQUAD LEADER	<u>T.P.K.</u>		
	DESIGN FILE NO.	<u>/pave/98b180/pb180.dgn</u>		
	IPARM FILE	<u>pb180b04.i</u>	DATE PLOTTED	<u>21-DEC-2006 15:</u>
PROJ. NAME	<u>ROCHESTER-GRANVILLE</u>			
PROJ. NO.	<u>AC_SIP_2124(1)S</u>			
SHEET	<u>39</u>	OF	<u>49</u>	SHEETS



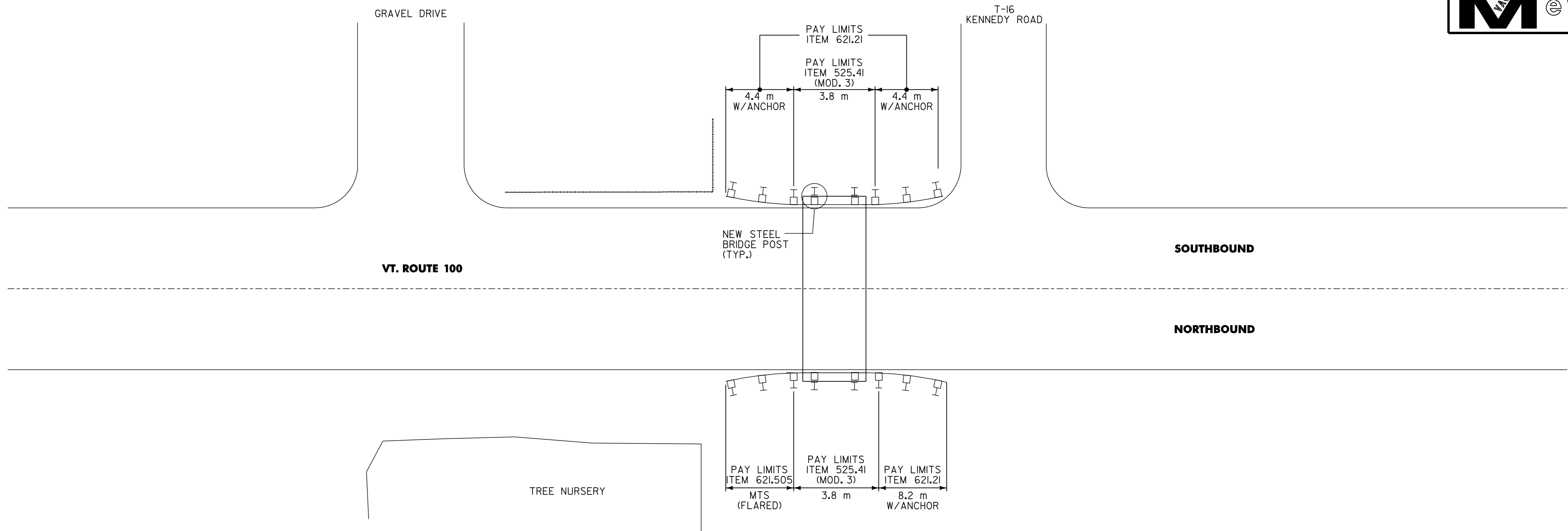
BR 148 GRANVILLE MM 0.961 = STA. 1+546.580
NOT TO SCALE



BR 148 BRIDGE POST DETAIL
NOT TO SCALE

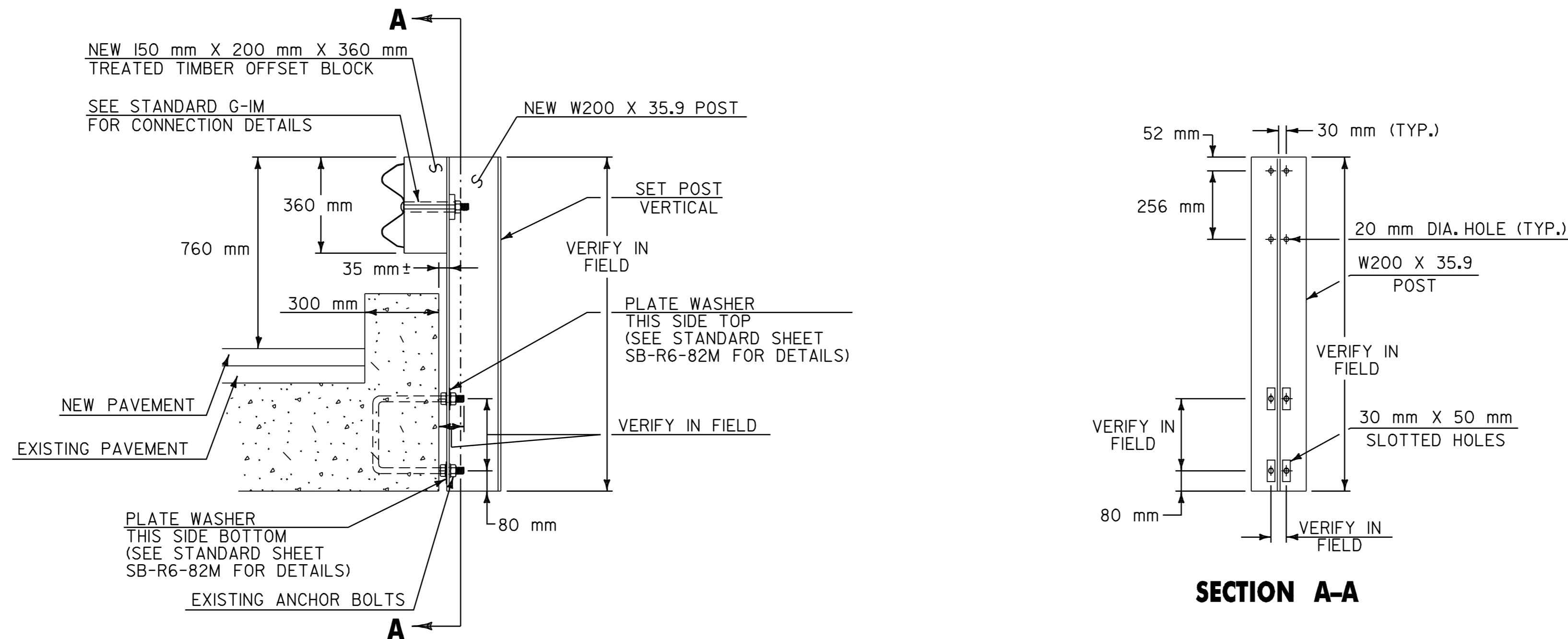
NOTES
ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.
BOX BEAM DETAILS FOR BRIDGE 148 APPEAR ON SHEET 46B.

BRIDGE DETAIL SHEET 5	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pb180.dgn		
	IPARM FILE	pb180b05.i	DATE PLOTTED	21-DEC-2006 15:54
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_STP_2124(1)S			
SHEET	40	OF	49	SHEETS



BR 149 GRANVILLE MM 1.753 = STA. 2+821.180

NOT TO SCALE



NOTES

1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82M FOR ADDITIONAL DETAILS.

BR 149 BRIDGE POST DETAIL

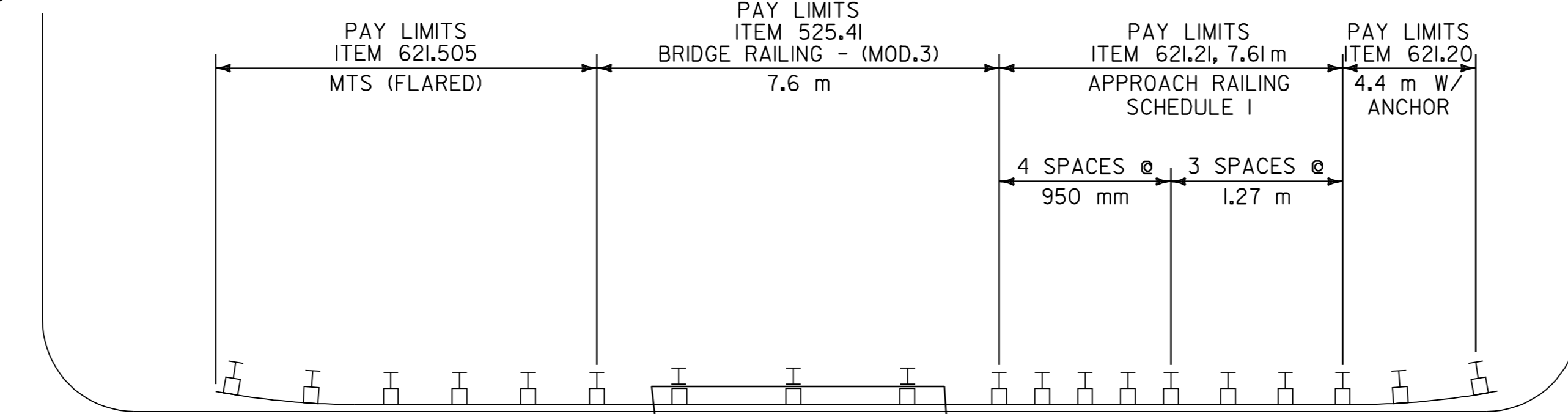
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET 6	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
	IPARM FILE	pbl80b06.i	DATE PLOTTED	21-DEC-2006 15:53
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_212411S			
SHEET	41 OF 49	SHEETS		

FIELD ACCESS

GRAVEL DRIVE

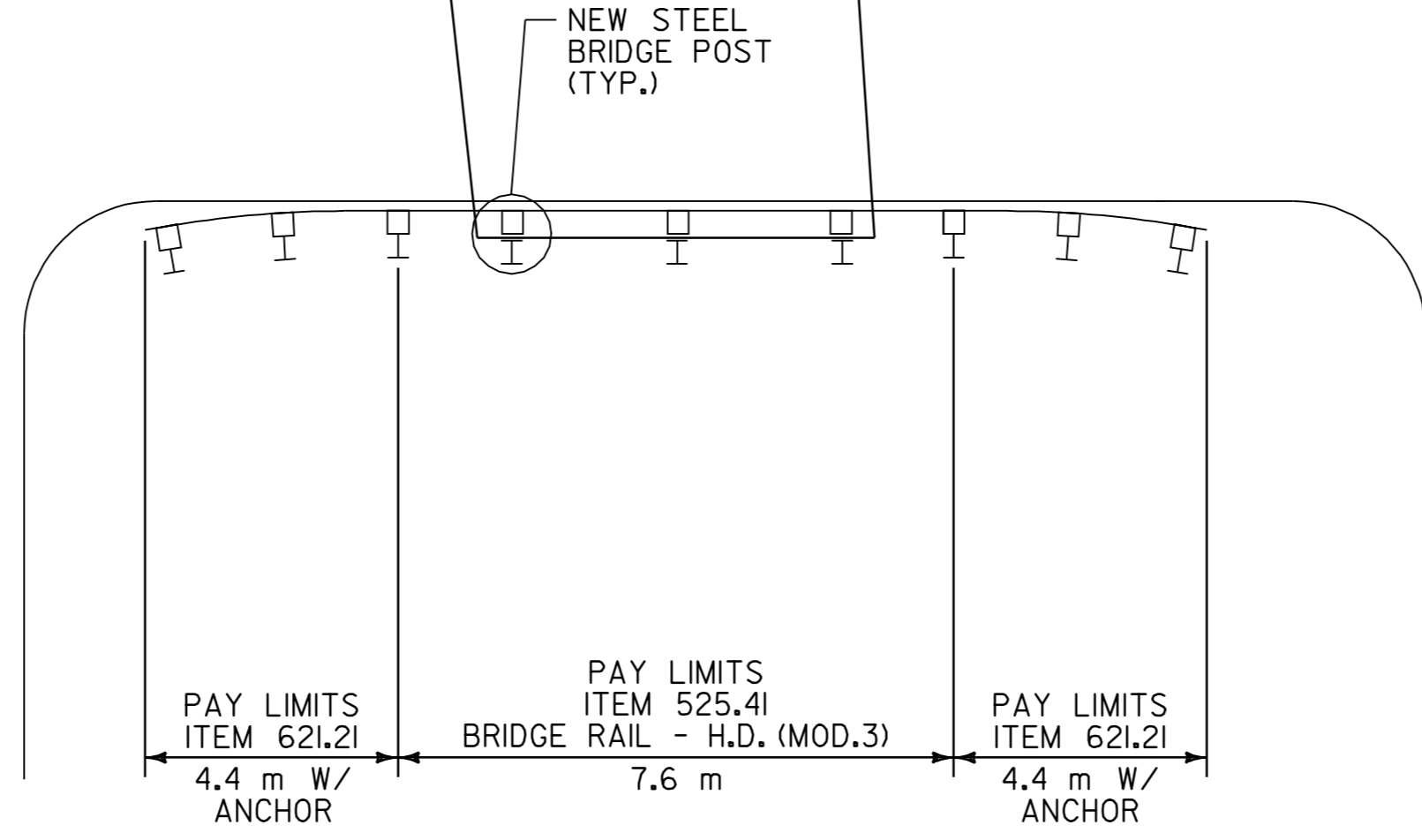


SOUTHBOUND

VT. ROUTE 100

NORTHBOUND

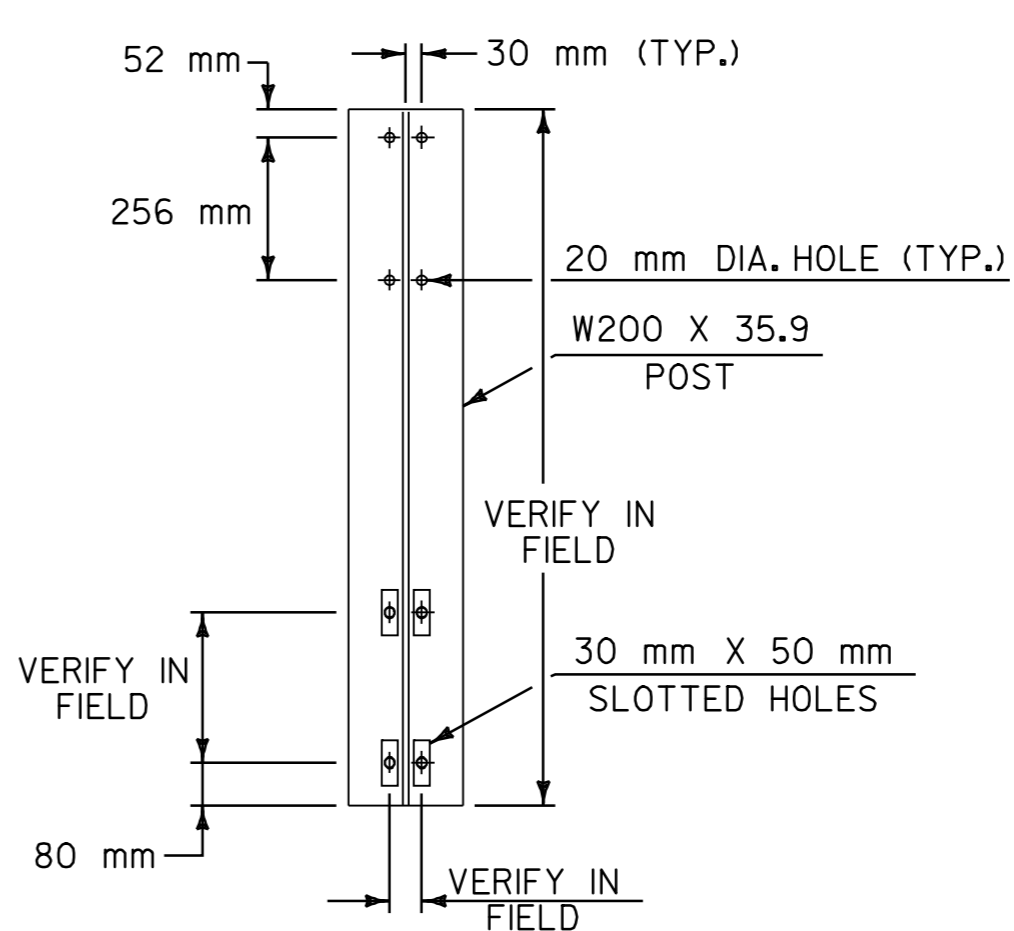
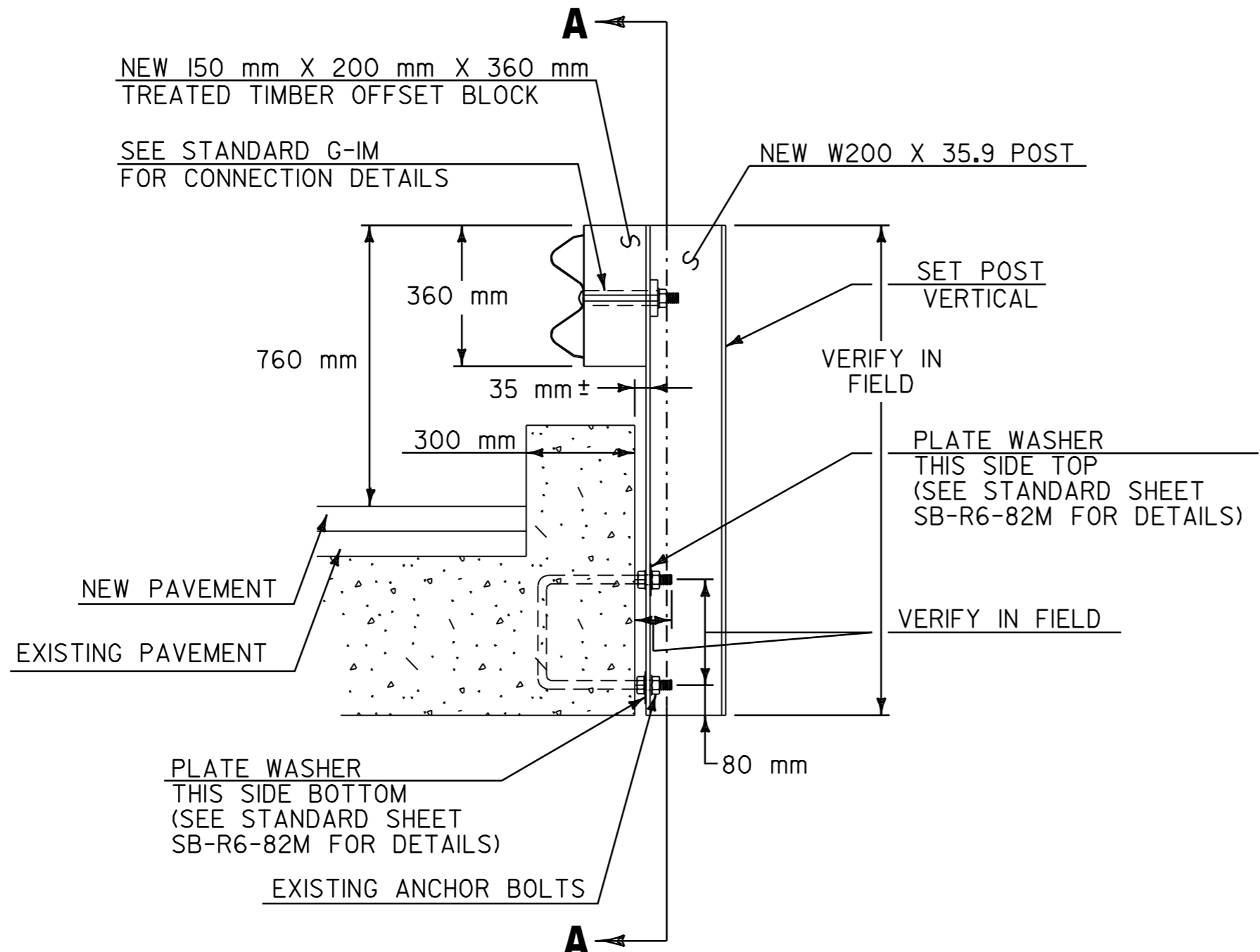
ASPHALT DRIVE



GRAVEL DRIVE

BR 150 GRANVILLE MM 1.958 = STA. 3+151.096

NOT TO SCALE



SECTION A-A

NOTES

1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82M FOR ADDITIONAL DETAILS.

BR 150 BRIDGE POST DETAIL

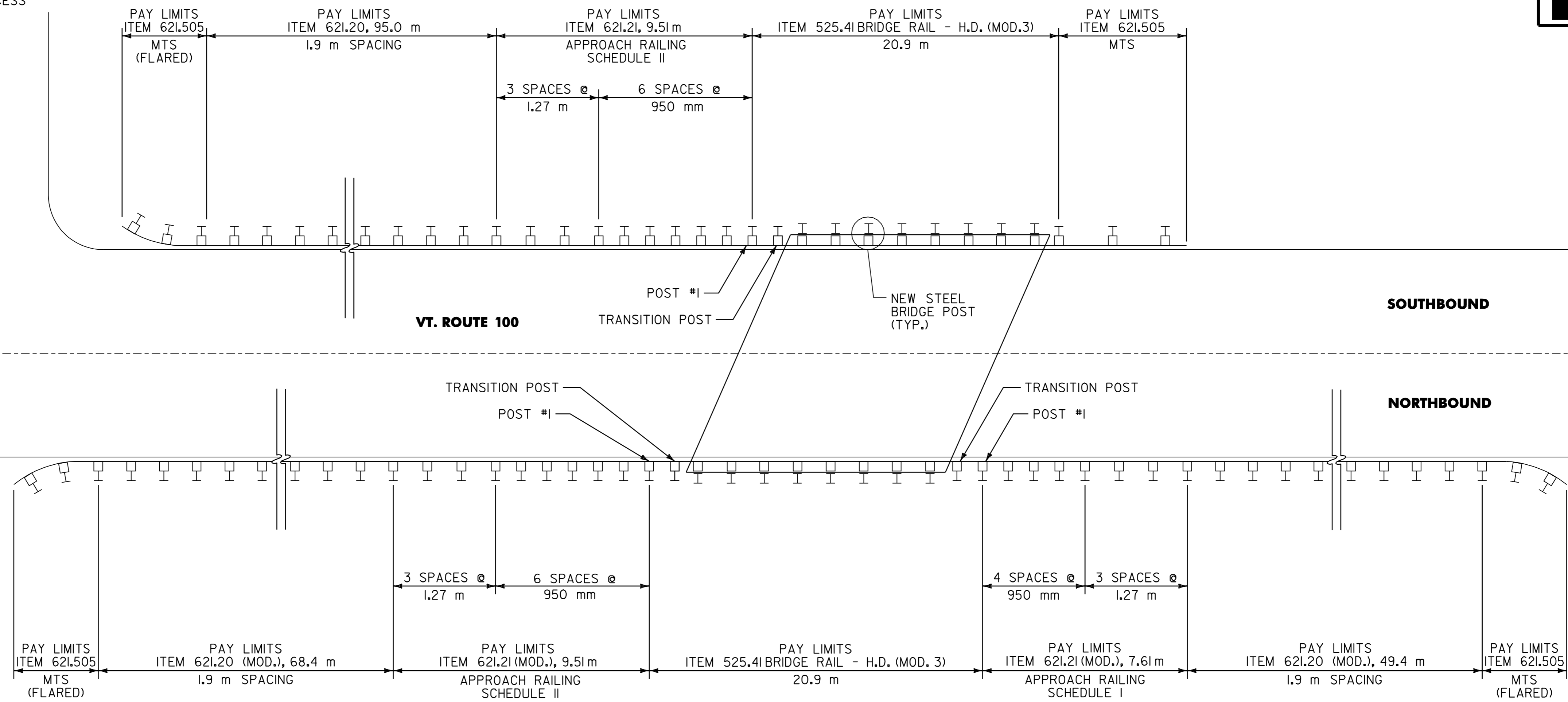
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**BRIDGE
DETAIL
SHEET 7**

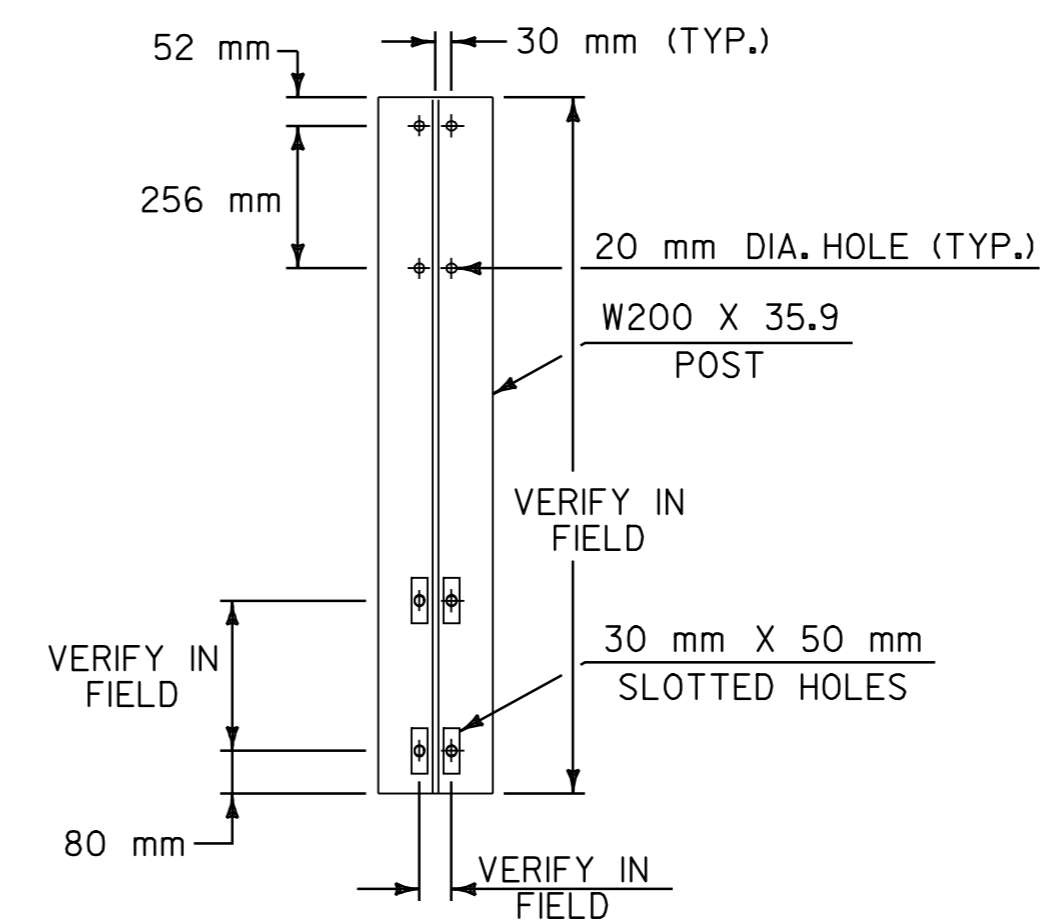
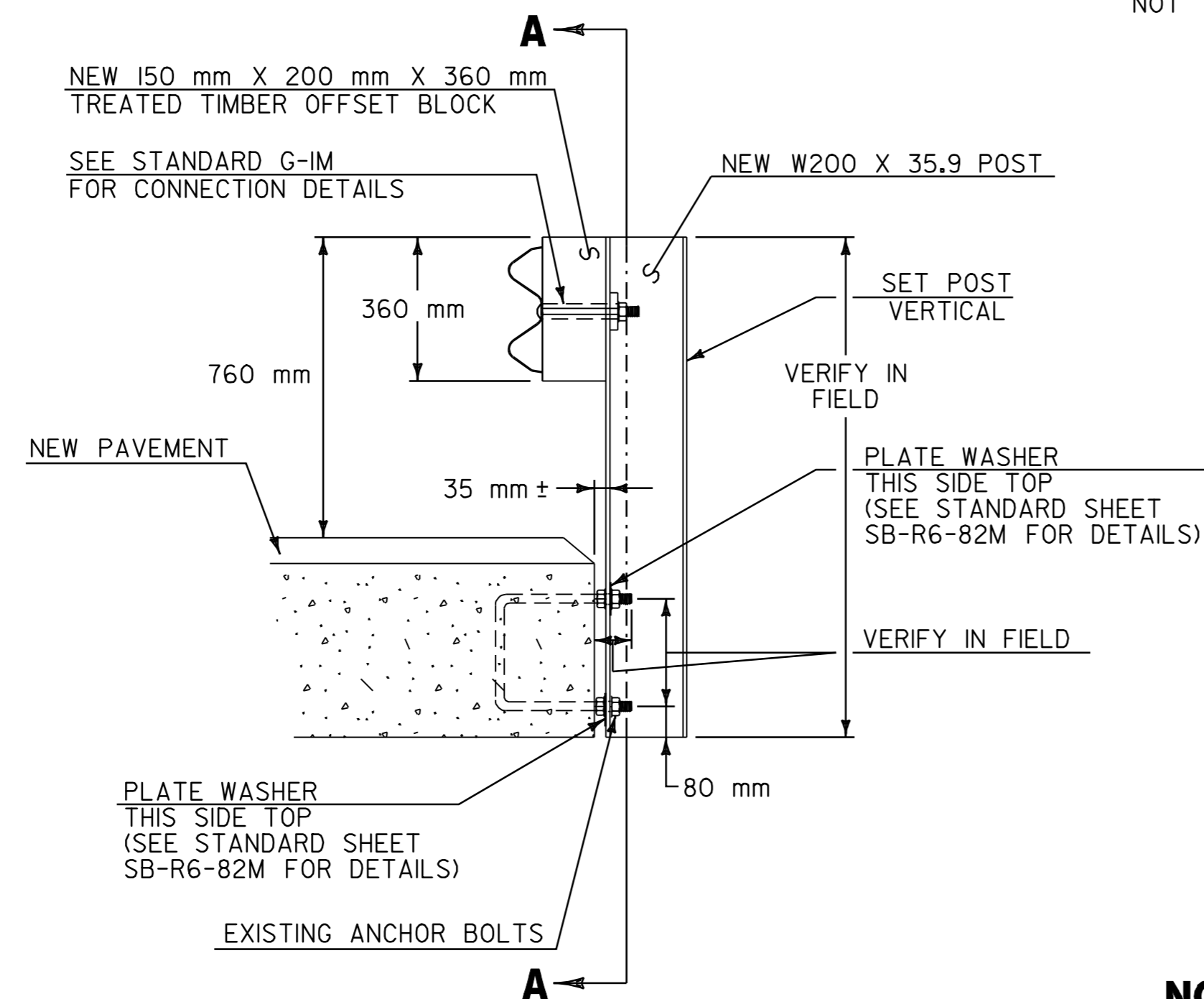
SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.A.K.	DATE	11/00
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
IPARM FILE	pbl80b07.i	DATE PLOTTED	21-DEC-2006 15:5
PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_212411S		
SHEET	42	OF	49
SHEETS			

FIELD ACCESS



BR 152 GRANVILLE MM 2.068 = STA. 3+328.123

NOT TO SCALE



SECTION A-A

NOTES

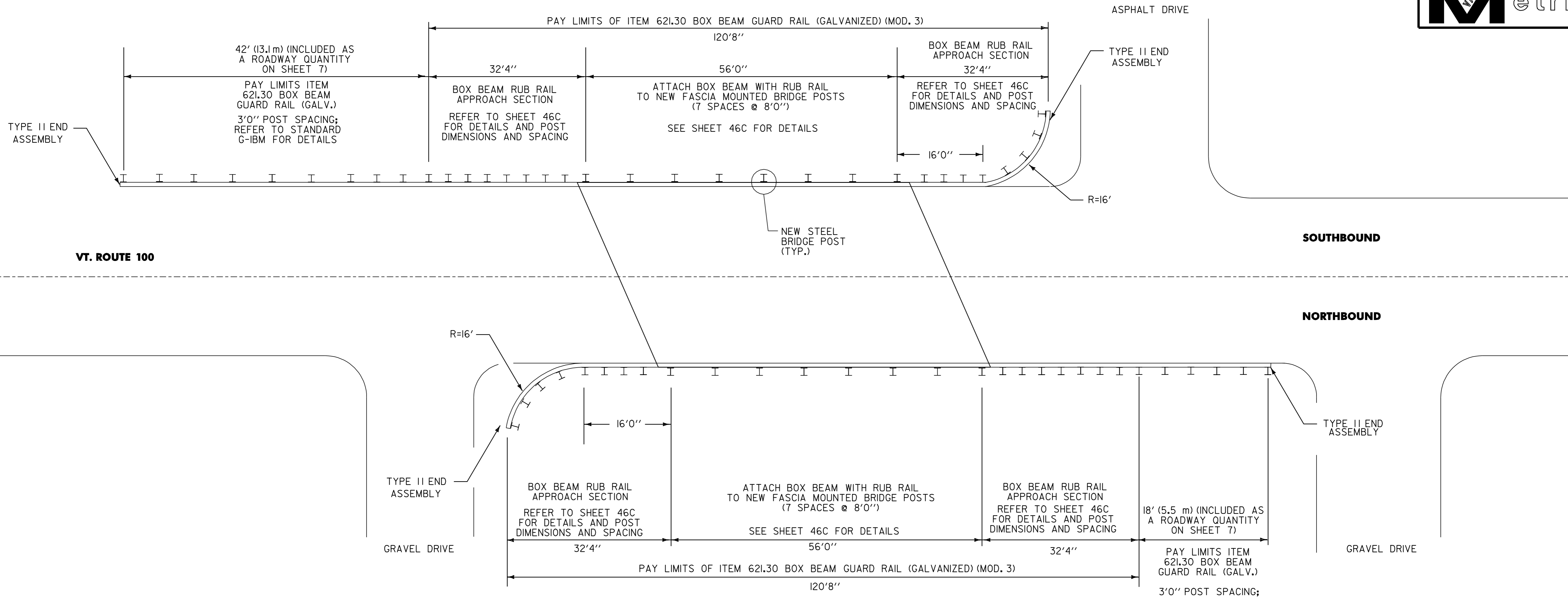
1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82M FOR ADDITIONAL DETAILS.

BR 152 BRIDGE POST DETAIL

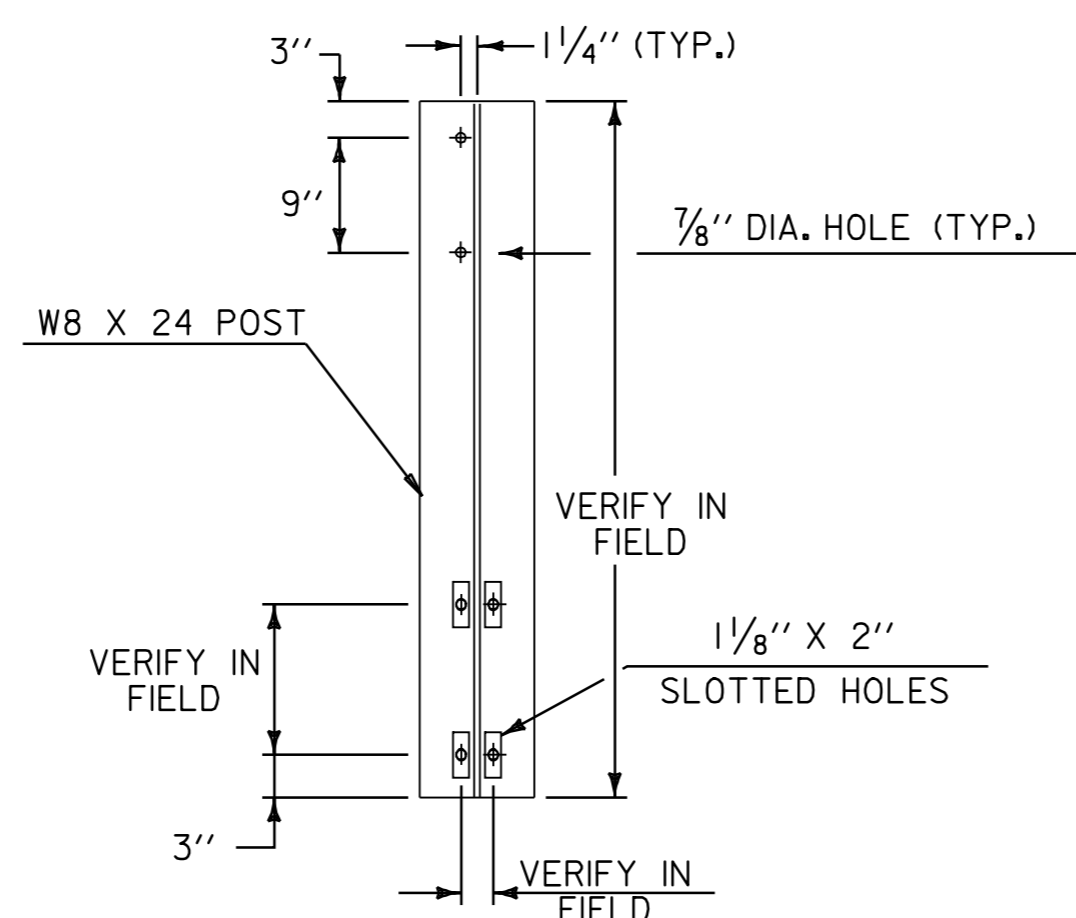
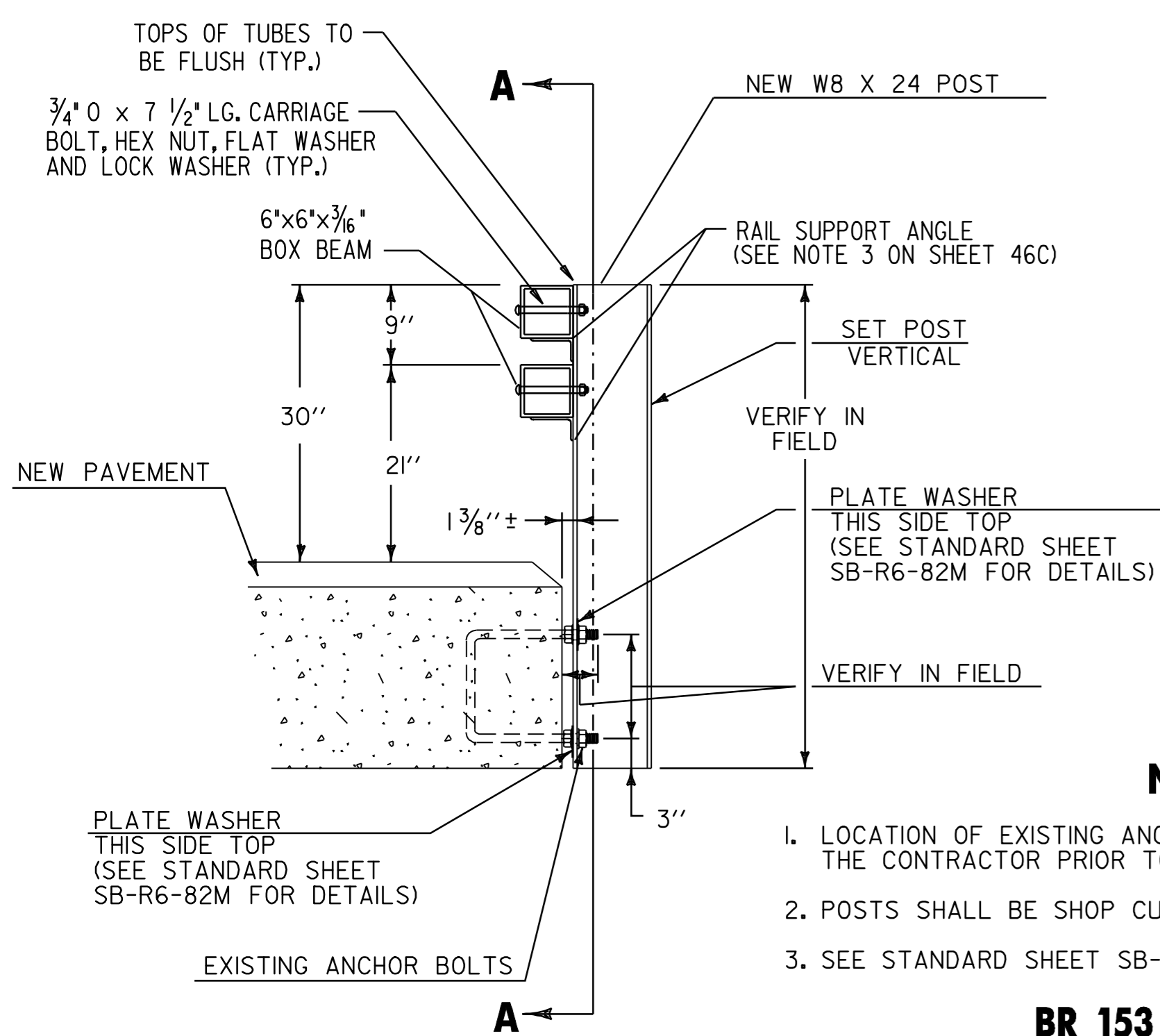
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET 8	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
	IPARM FILE	pbl80b08.i	DATE PLOTTED	21-DEC-2006 15:41
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	43	OF	49	SHEETS



BR 153 GRANVILLE MM 2.738 = STA. 4+406.384
NOT TO SCALE



NOTES

1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82M FOR ADDITIONAL POST DETAILS.

BR 153 BRIDGE POST DETAIL
NOT TO SCALE

NOTES

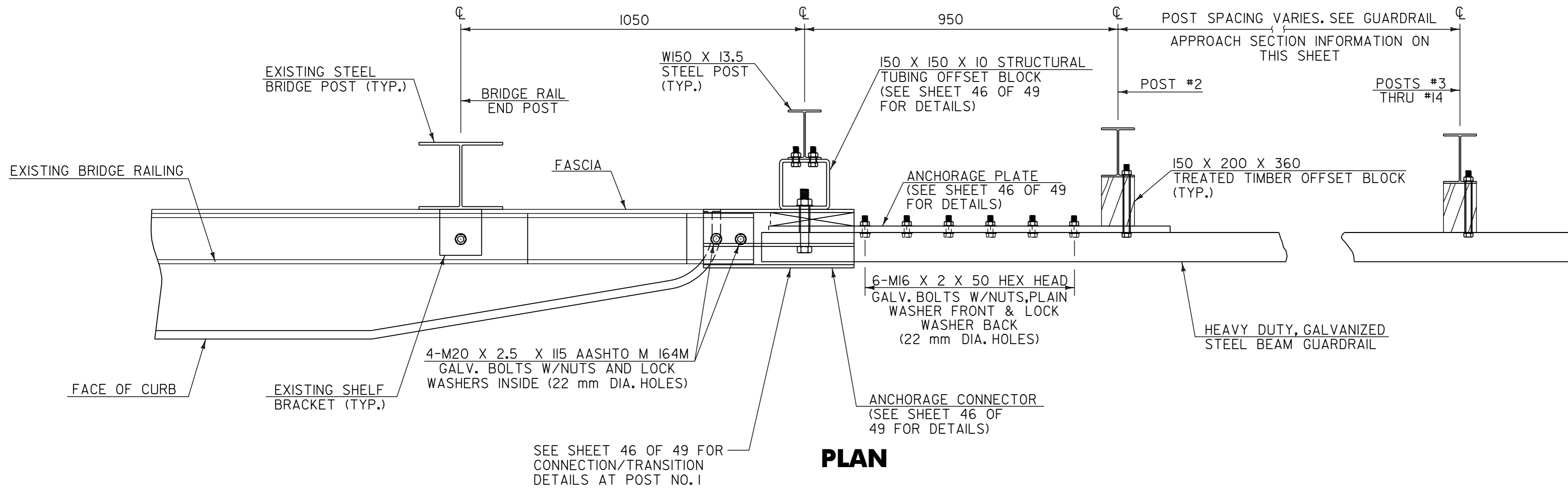
ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.

BOX BEAM DETAILS FOR BRIDGE 153 APPEAR ON SHEET 46C.

THE BOX BEAM RAIL AND LOWER RUB RAIL SHALL BE SHOP BENT TO THE INDICATED RADIUS AT THE NECESSARY LOCATIONS SHOWN ABOVE. THIS RADIUS SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO FABRICATION.

THE COST OF PROVIDING AND INSTALLING NEW BRIDGE POSTS ON BRIDGE 153 SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 3).

BRIDGE DETAIL SHEET 9	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
	IPARM FILE	pbl80b09.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_STP_2124(1)S			
SHEET	44	OF	49	SHEETS

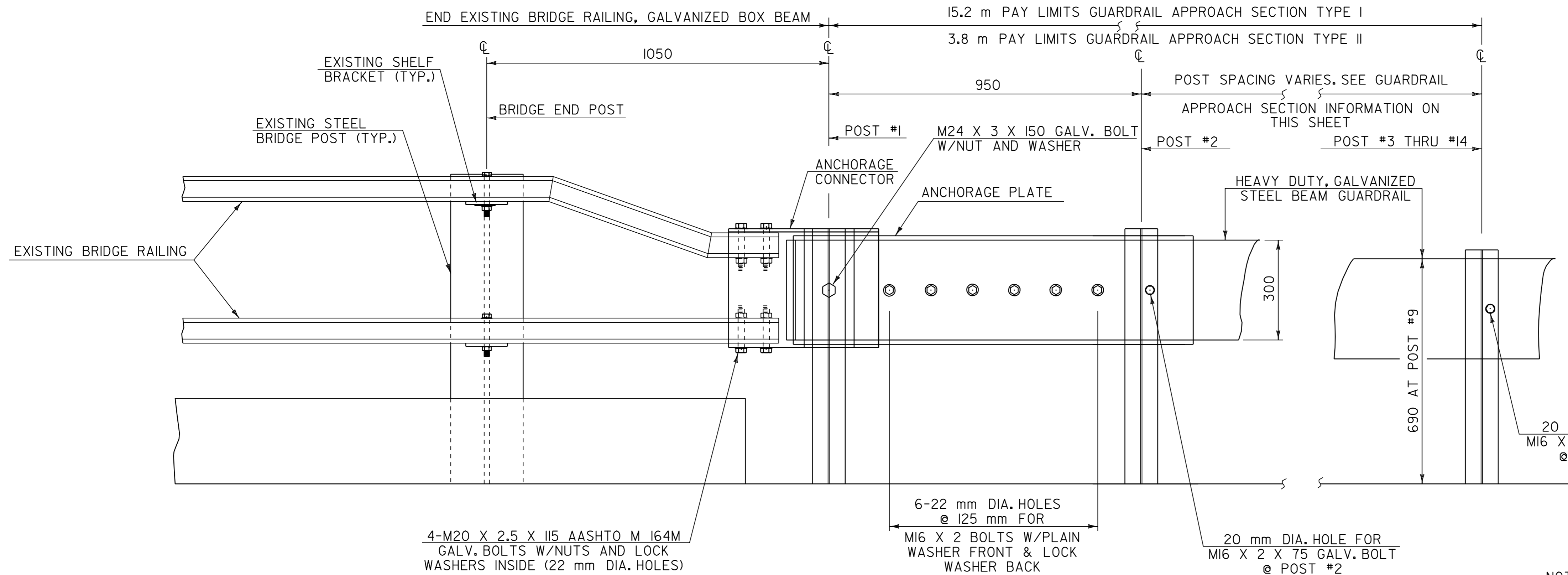


PLAN

GUARDRAIL APPROACH SECTION TYPE I

POST NO.	SPACING
1	950
2	950
3	950
4	950
5	950
6	950
7	950
8	950
9	950
10	1.27 m
11	1.27 m
12	1.27 m
13	1.9 m
14	1.9 m

15.2 m PAY LENGTH GUARDRAIL APPROACH SECTION, TYPE I



ELEVATION

BRIDGE APPROACH DETAIL

NOT TO SCALE

GUARDRAIL APPROACH SECTION TYPE II

POST NO.	SPACING
1	950
2	1.43 m
3	1.43 m
4	1.43 m

3.8 m PAY LENGTH GUARDRAIL APPROACH SECTION TYPE II

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

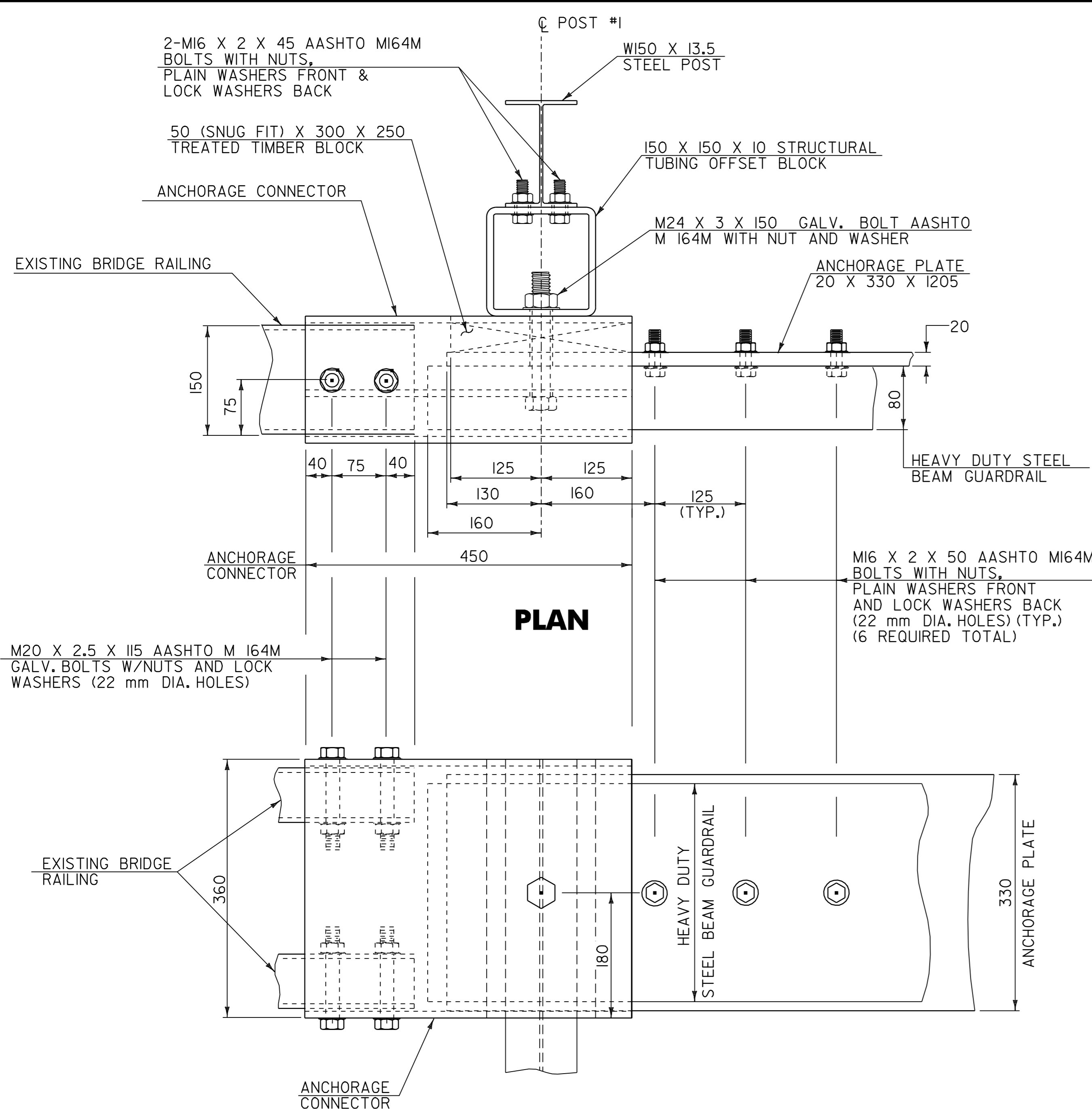
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE APPROACH SECTION DETAIL SHEET 1

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.A.K.	DATE	11/00
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
IPARM FILE	pbl80b10.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_2124(1)S		
SHEET	45	OF	49
SHEETS			

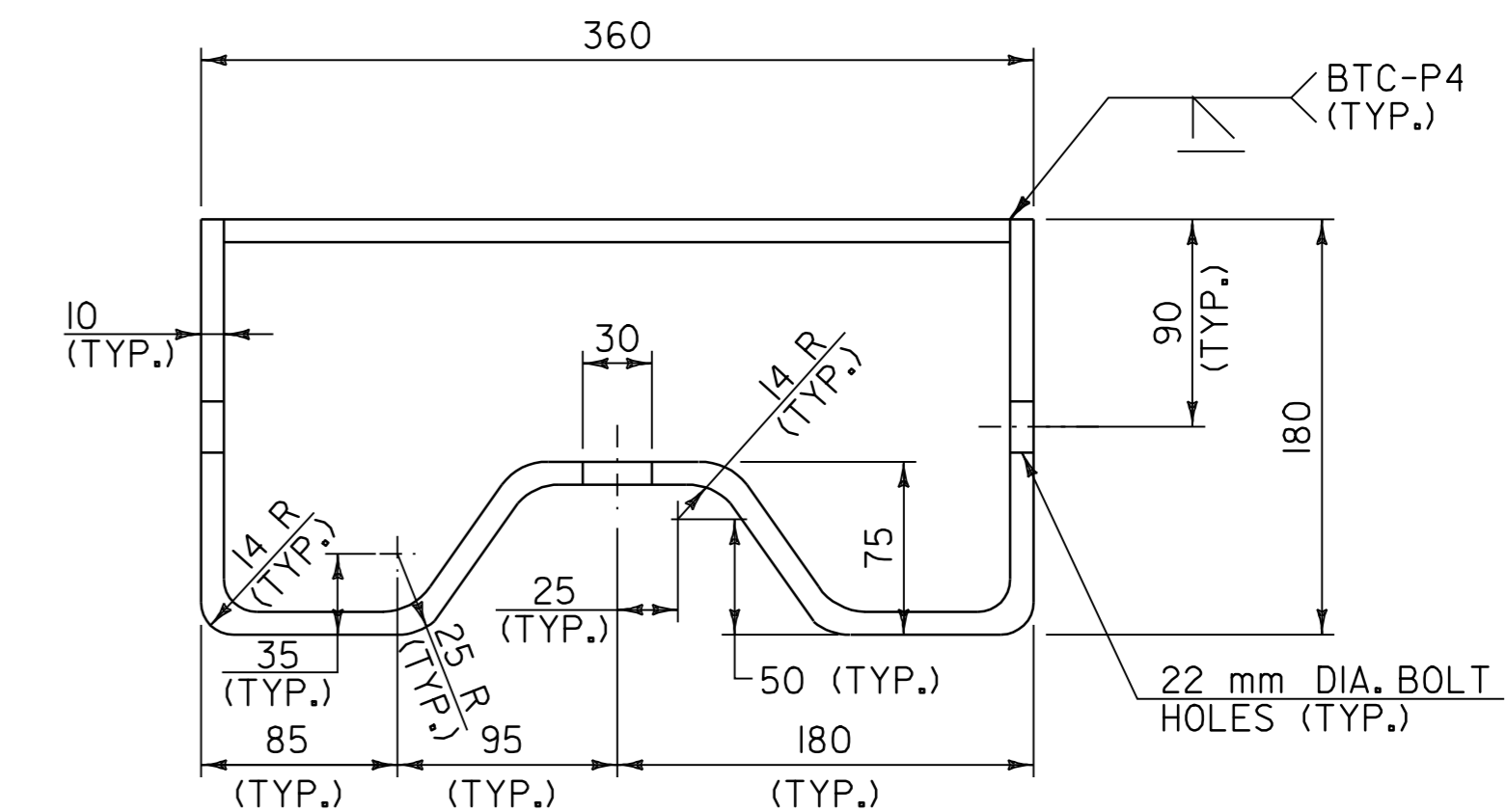
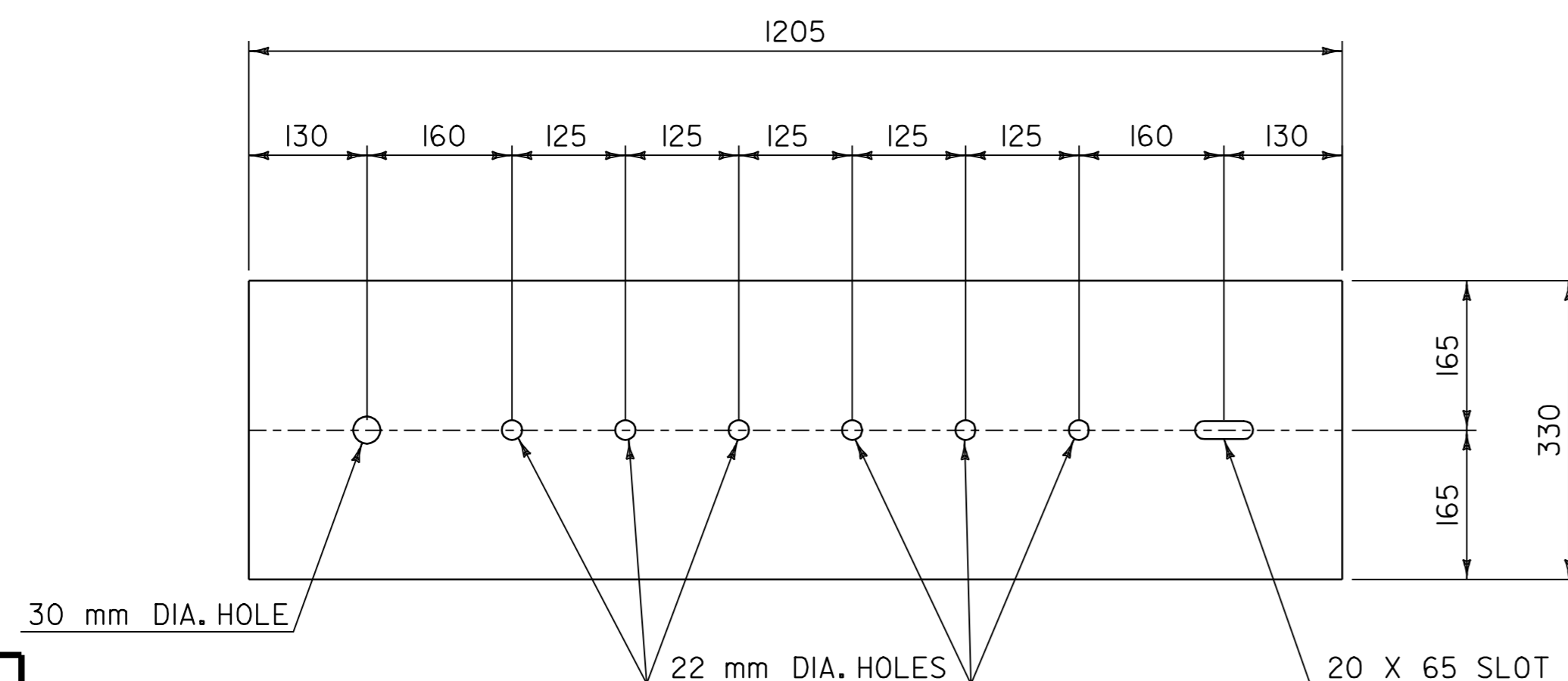
NOTES

1. REFER TO STANDARD G-1M FOR ADDITIONAL RAIL DETAILS.
2. ALL POSTS FOR HEAVY DUTY STEEL BEAM GUARDRAIL SHALL BE STEEL IN ACCORDANCE WITH SECTION 728 "GUARDRAIL, GUIDE POSTS AND BARRIERS" UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.
3. APPROACH RAIL SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. ANCHORAGE CONNECTOR AND ANCHORAGE PLATE SHALL BE AASHTO M 270/M 270M, GRADE 250 GALVANIZED TO AASHTO M III AFTER FABRICATION.
5. ALL BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED TO AASHTO M 232 AFTER FABRICATION.
6. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION.
7. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS ± 1.6 mm.
8. THE UNIT PRICES BID FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION SHALL INCLUDE ANCHORAGE CONNECTOR, ANCHORAGE PLATE, HEAVY DUTY STEEL BEAM GUARDRAIL, POSTS, OFFSET BLOCKS, BLOCKING, BOLTS, AND ALL NECESSARY HARDWARE.

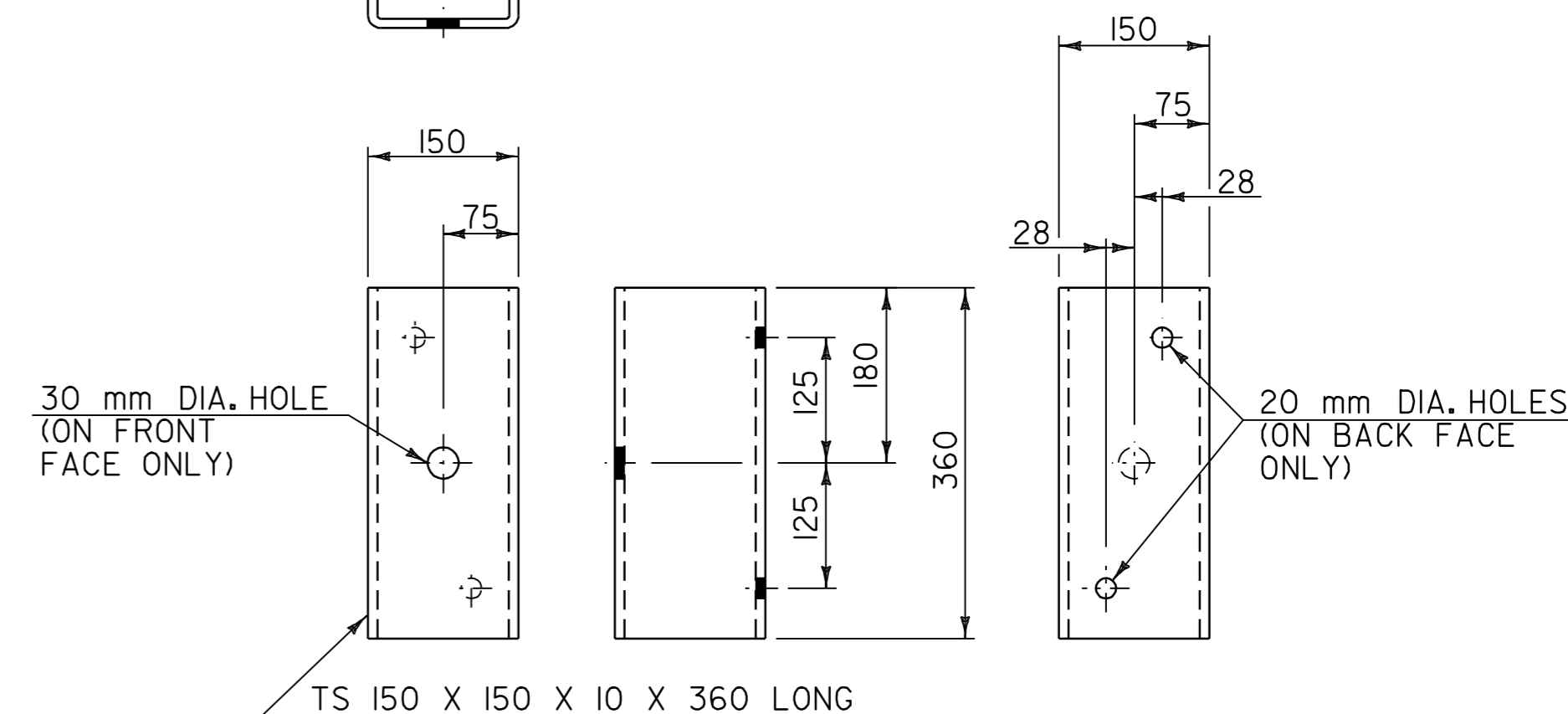
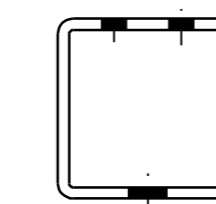


CONNECTION/TRANSITION DETAILS AT POST NO. 1

NOT TO SCALE



(SEE NOTE 7)
NOT TO SCALE



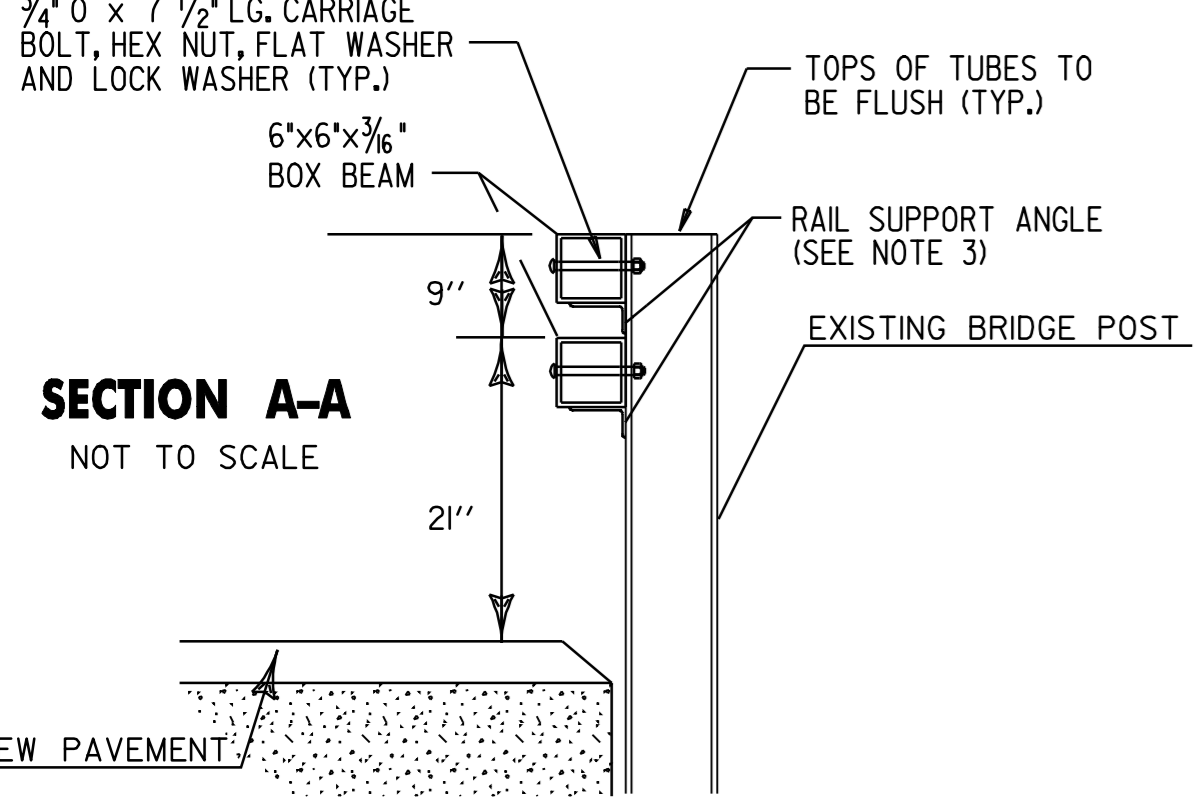
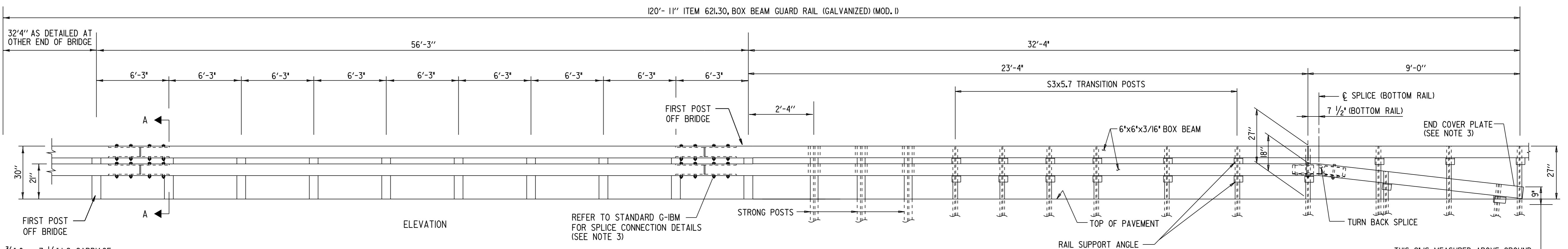
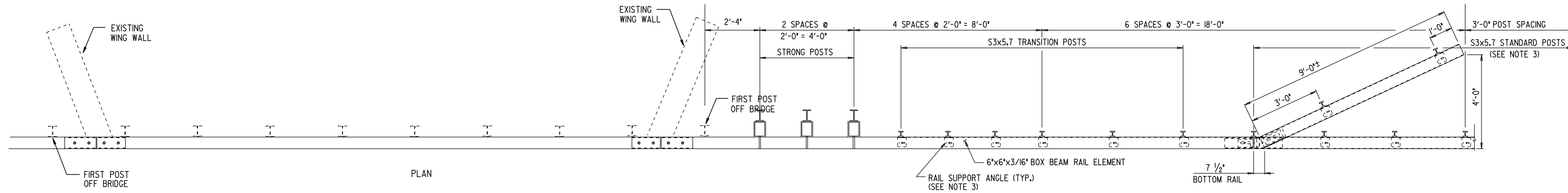
STRUCTURAL TUBING OFFSET BLOCK DETAILS

(OCCURS AT POST NO. 1 WHEN USING APPROACH RAIL UTILIZING STEEL POSTS)
NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

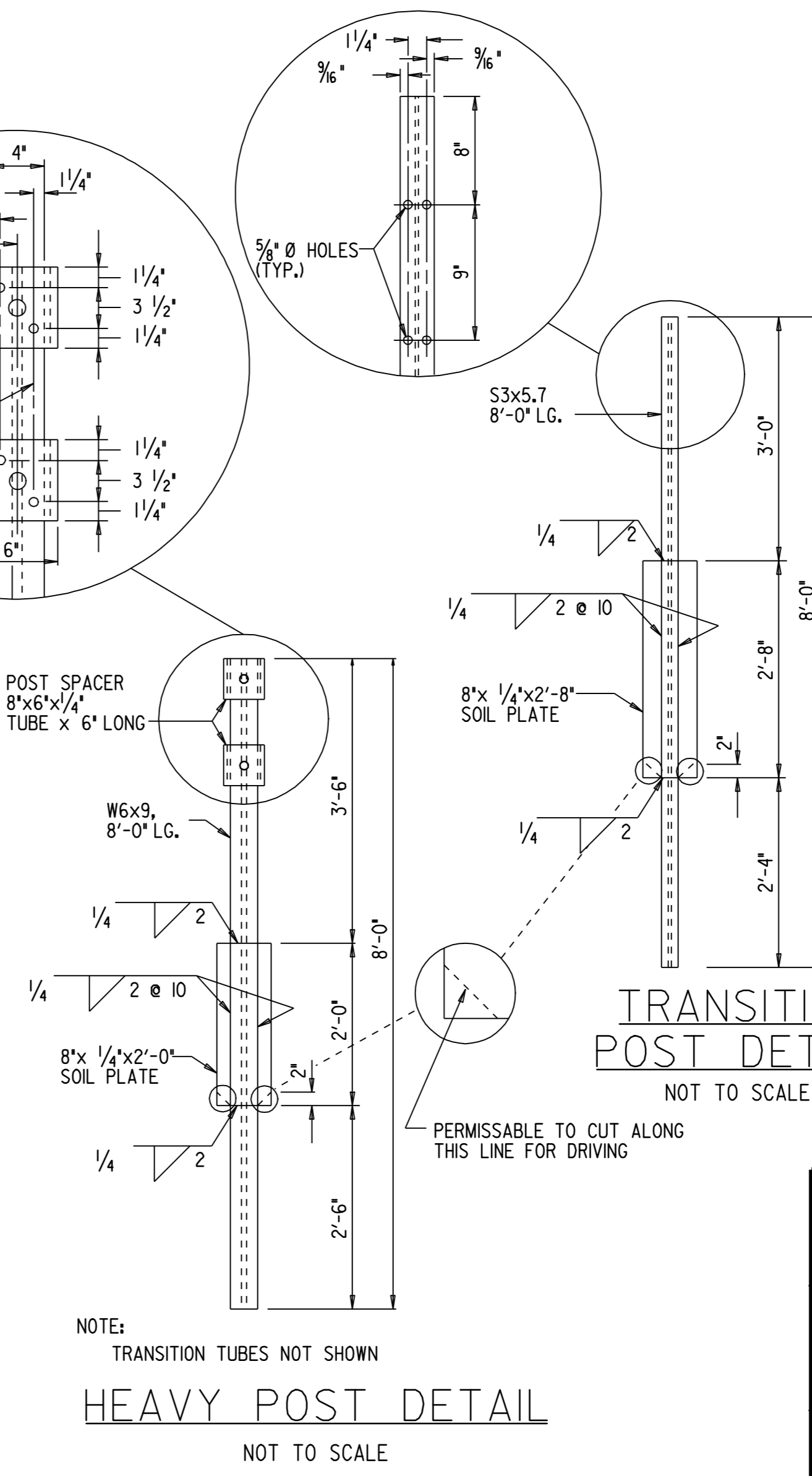
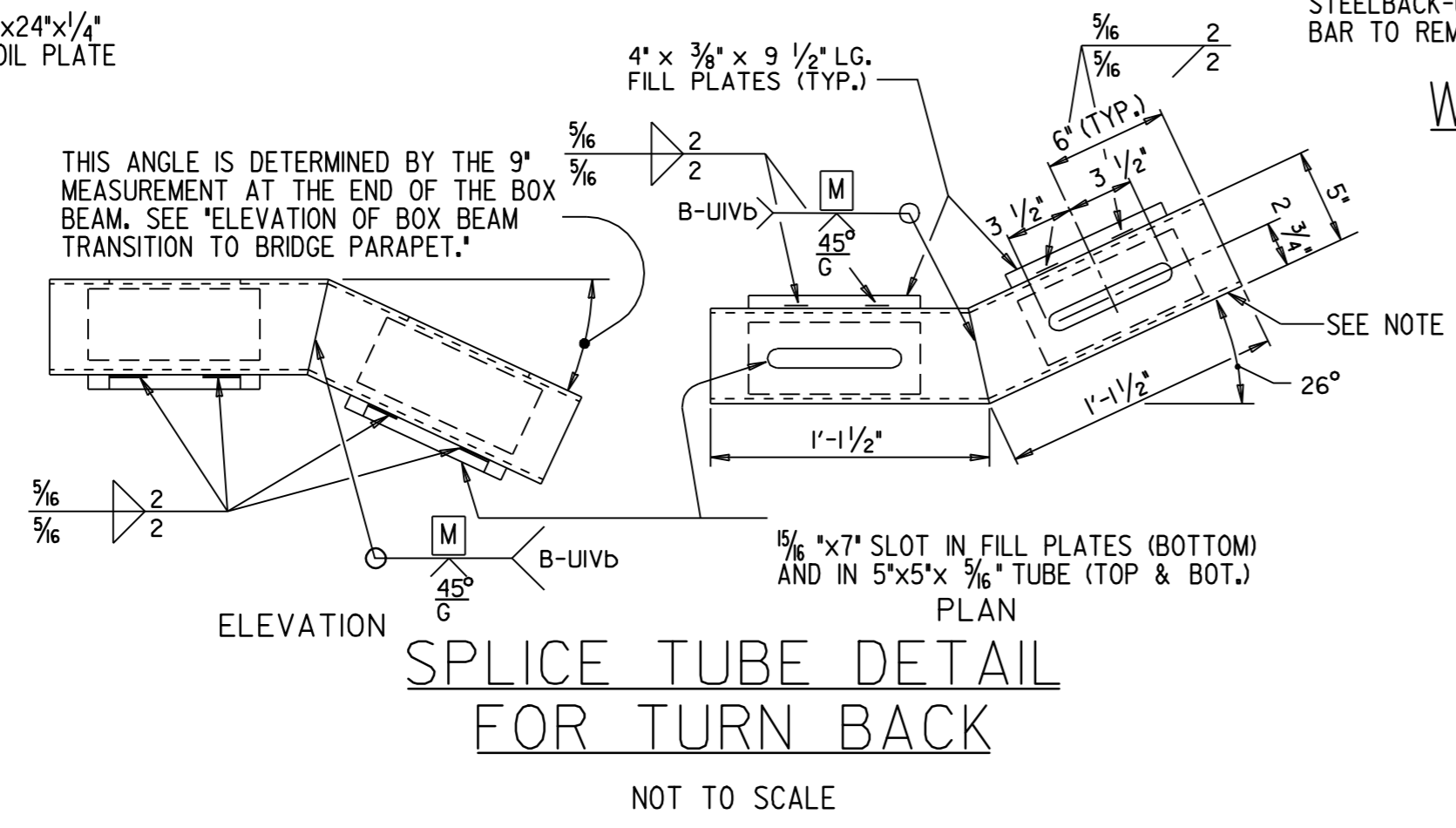
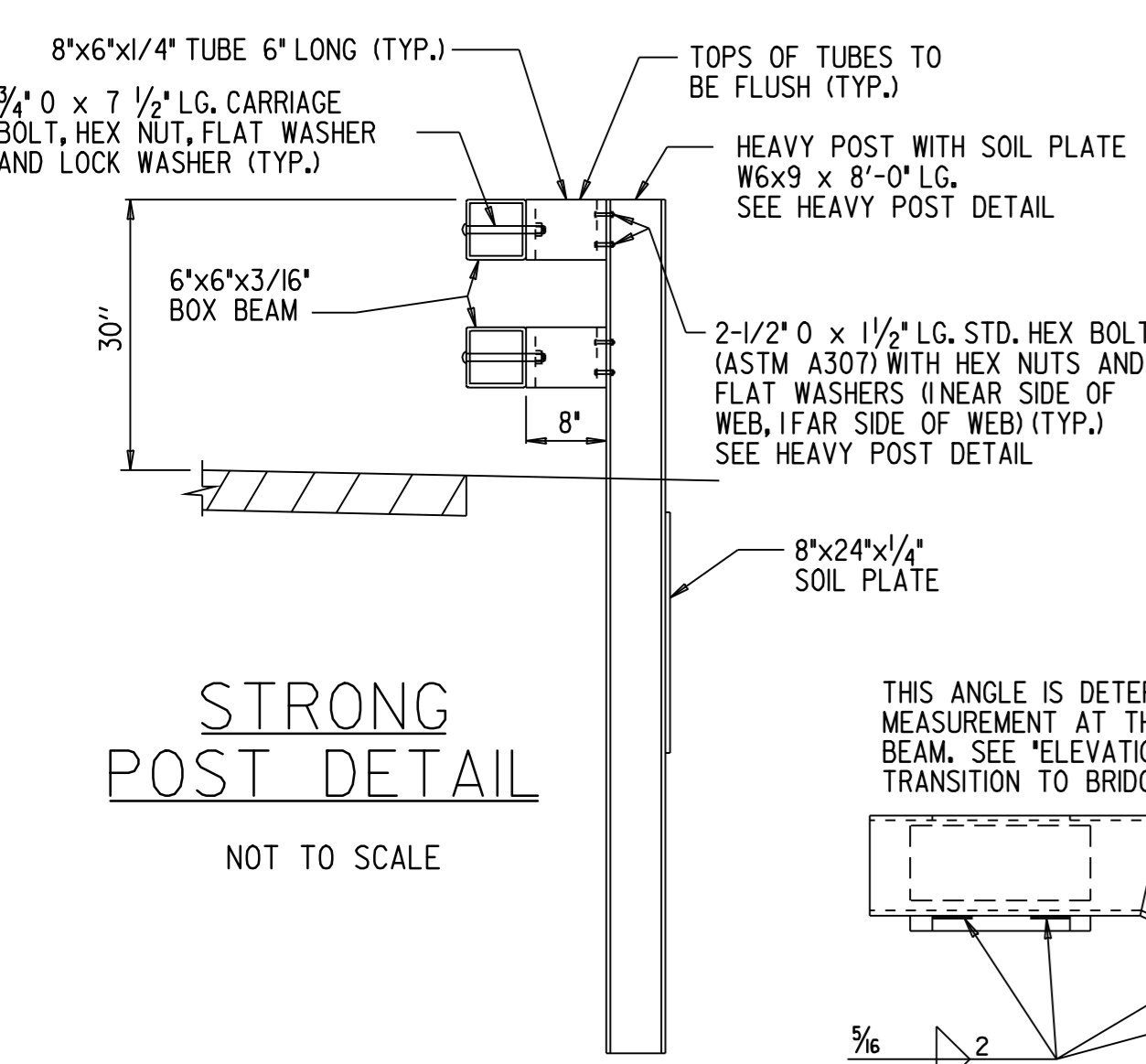
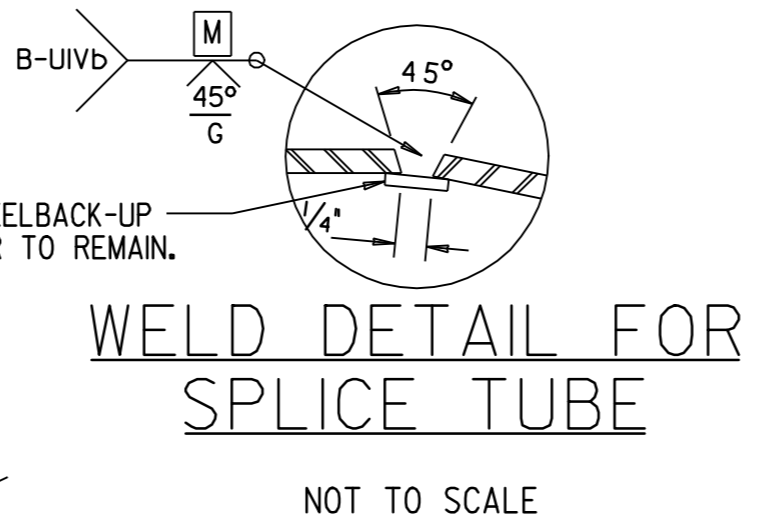
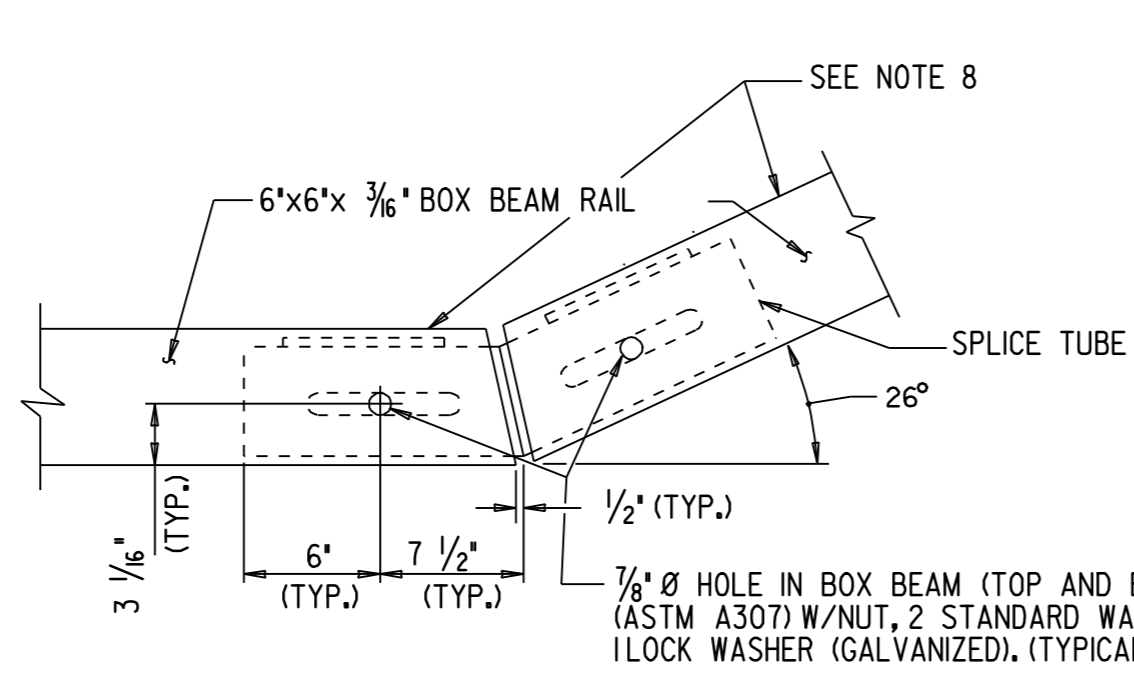
NOTE:
ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

BRIDGE — APPROACH — SECTION DETAIL — SHEET 2 —	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98b180/pbl80.dgn		
	IPARM FILE	pbl80b11.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_212411S			
SHEET	46	OF	49	SHEETS



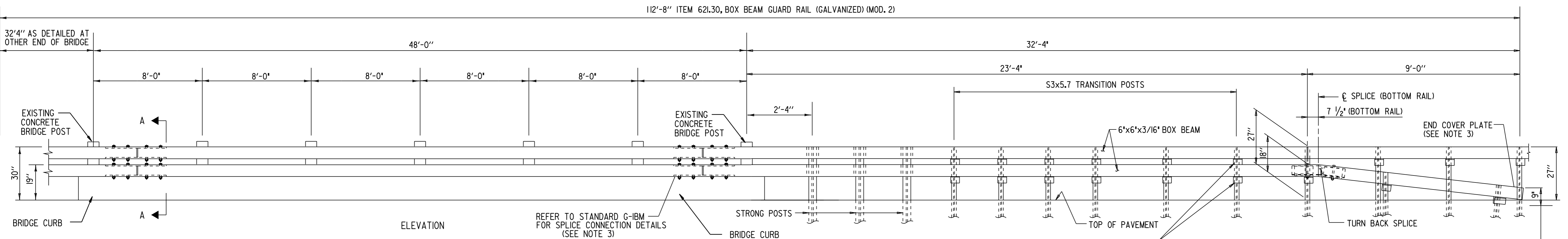
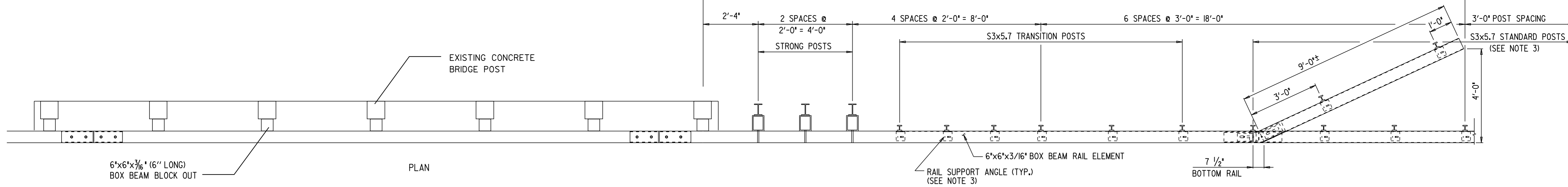
DETAIL FOR ATTACHING BOX BEAM GUARD RAIL TO EXISTING FASCIA MOUNTED POSTS BRIDGE 145

NOT TO SCALE

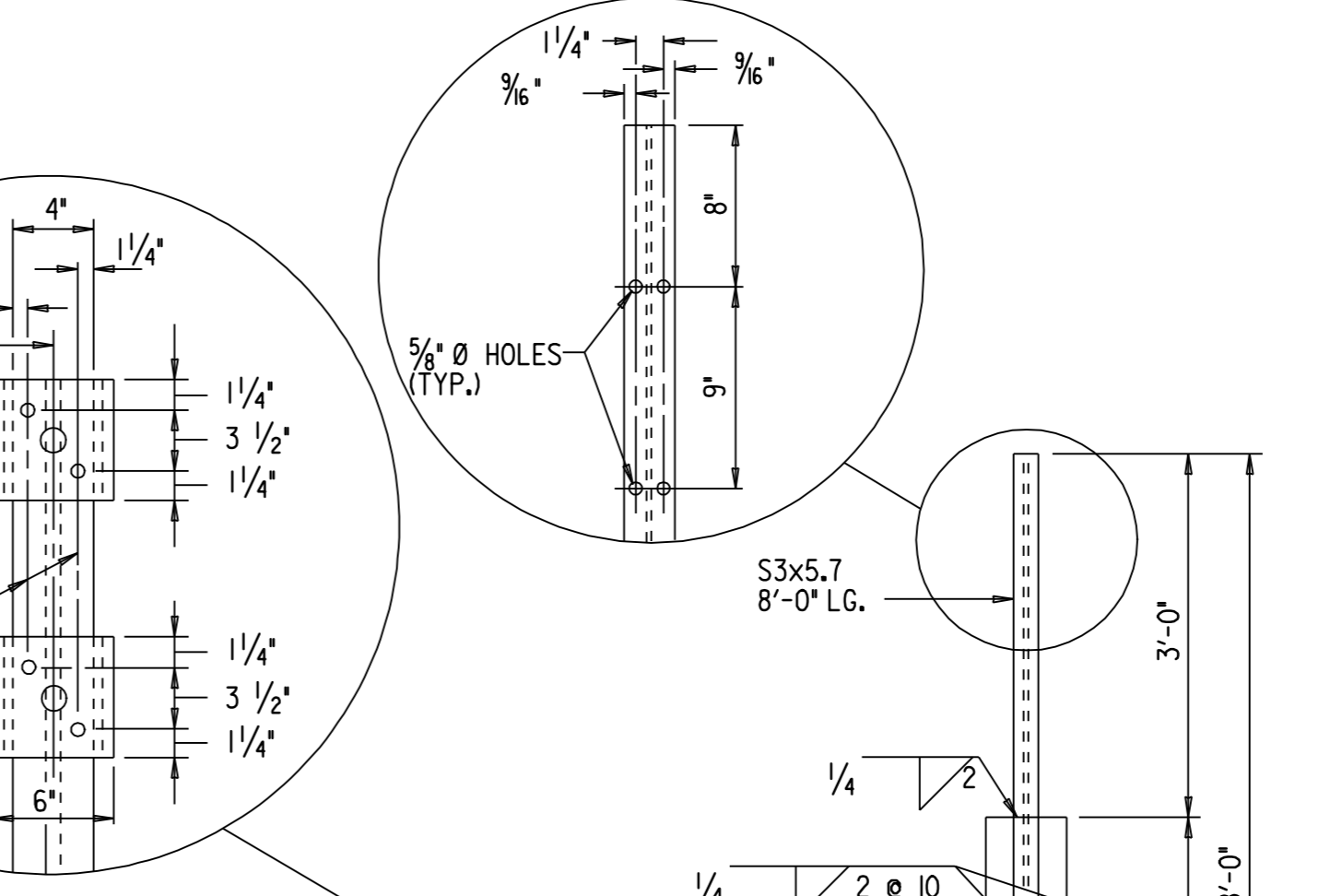
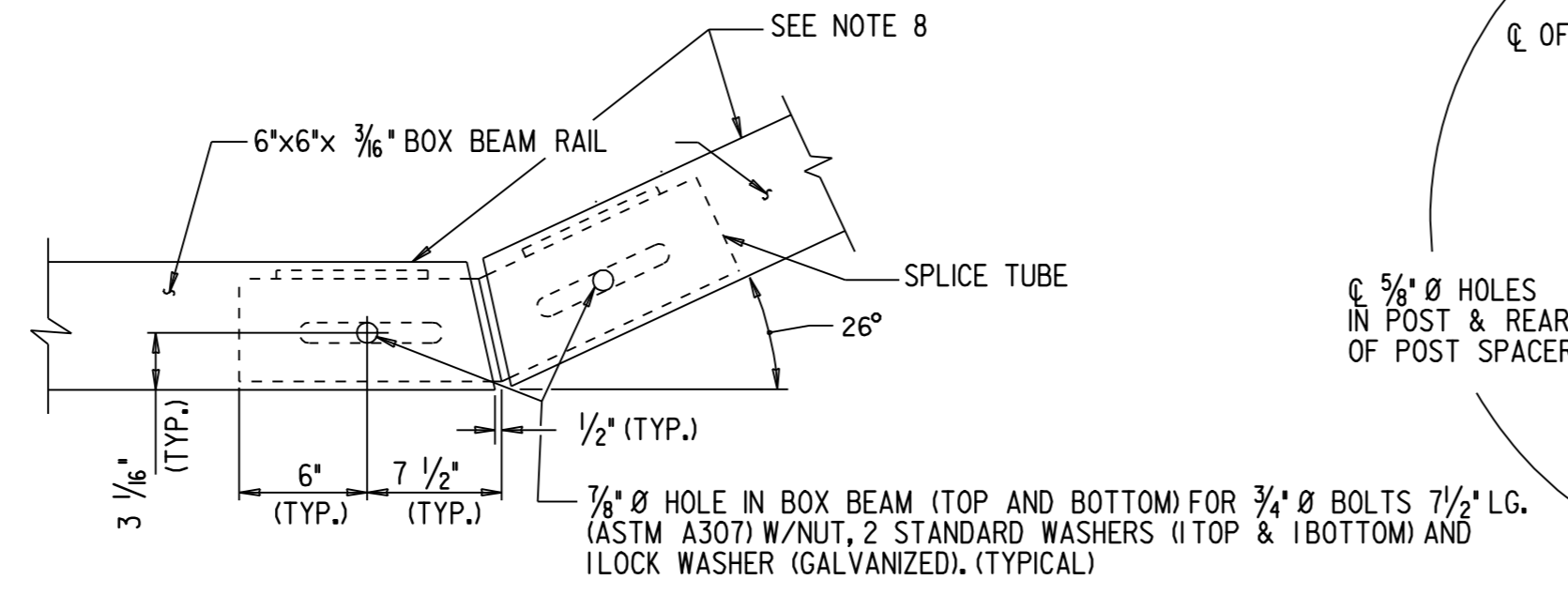
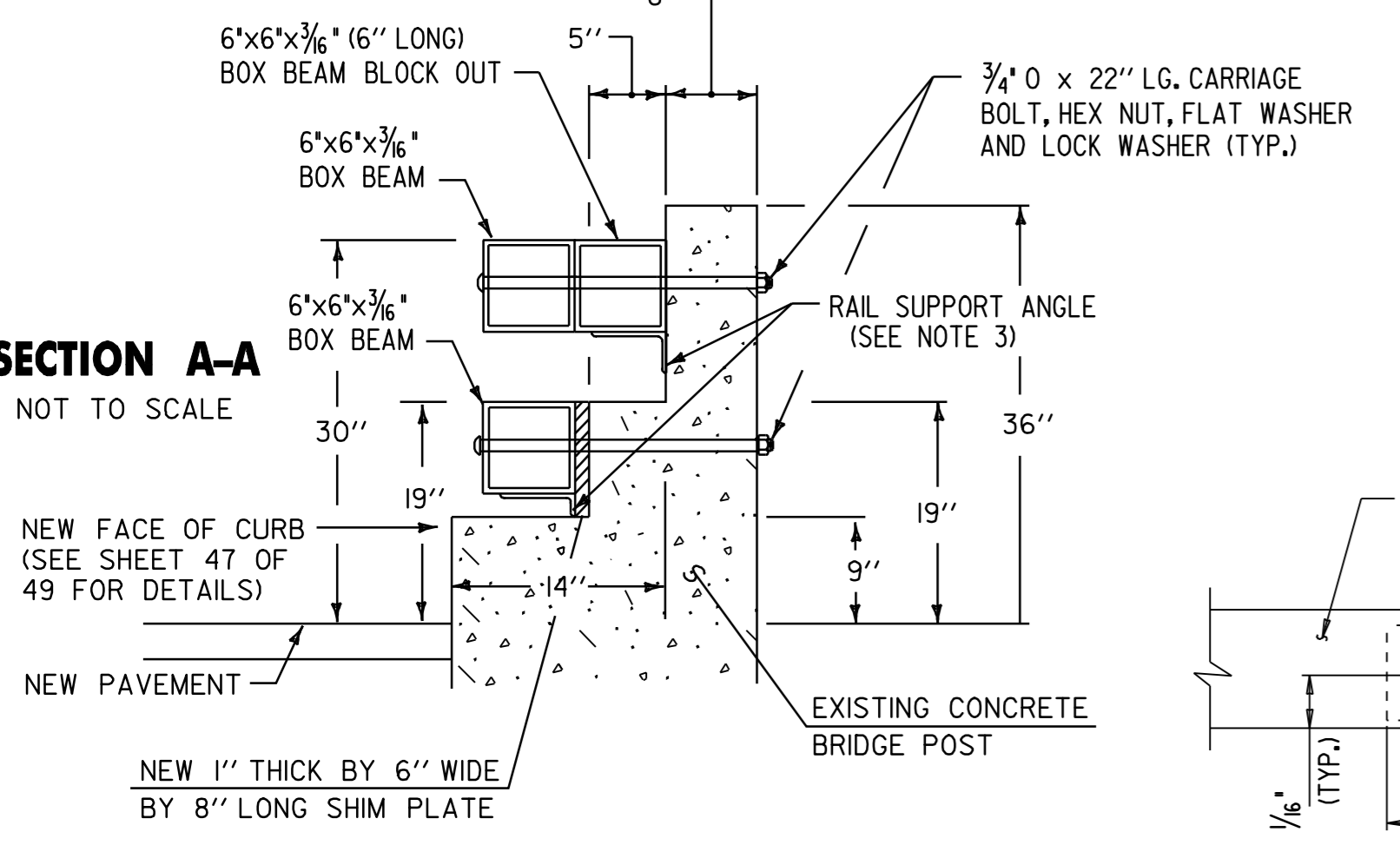


- NOTES:**
- ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.
 - ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL CONFORM TO THE CURRENT SPECIFICATION FOR BOX BEAM GUARD RAIL. REFER TO STANDARD G-IBM FOR DETAILS. ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL BE GALVANIZED.
 - FOR DETAILS OF STANDARD POST, EXTRA LONG POST, RAIL ELEMENT, RAIL SUPPORT ANGLE, SPLICE CONNECTIONS, END COVER PLATE, TYPE II END ASSEMBLY AND DELINEATION DEVICE, SEE THE VAOT STANDARD SHEET G-IBM, "BOX BEAM GUARD RAIL."
 - IN LOCATIONS OF STANDARD BOX BEAM PLACEMENT (SUCH AS RAIL CONTINUING BEYOND THE END OF RUB RAIL), EXTRA LONG POSTS SHALL BE USED IF THE TOP OF EMBANKMENT IS LESS THAN ONE METER (3') BEHIND THE FACE OF RAIL. REFER TO STANDARD G-IBM FOR DETAILS OF EXTRA LONG POSTS.
 - THIS PLAN VIEW SHOWS TANGENT RAIL ELEMENTS, HOWEVER, THE RAIL ELEMENTS MAY BE SHOP FORMED TO AN INDICATED RADIUS (SEE SHEETS 38 AND 44 OF 49). THE RADII PROPOSED ON THOSE SHEETS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.
 - THE COST OF ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK SHOWN FOR THESE DETAILS SHALL BE INCIDENTAL TO THE ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3). THE LENGTH OF THE LOWER BOX BEAM GUARD RAIL (RUB RAIL), INCLUDING ALL TURN BACK MATERIALS, SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3).
 - BOX BEAM BRIDGE RAIL HEIGHT (30") SHALL TRANSITION TO THE NORMAL ROADWAY HEIGHT OF 27" AT THE POINT WHERE THE LOWER RUB RAIL TURNS BACK UNDER THE UPPER BOX BEAM RAIL.
 - PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE INSIDE WALLS OF THE SPLICE AREA.
 - PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE OUTSIDE WALLS OF THE SPLICE TUBE OR THE OUTSIDE SURFACES OF THE FILL PLATE.

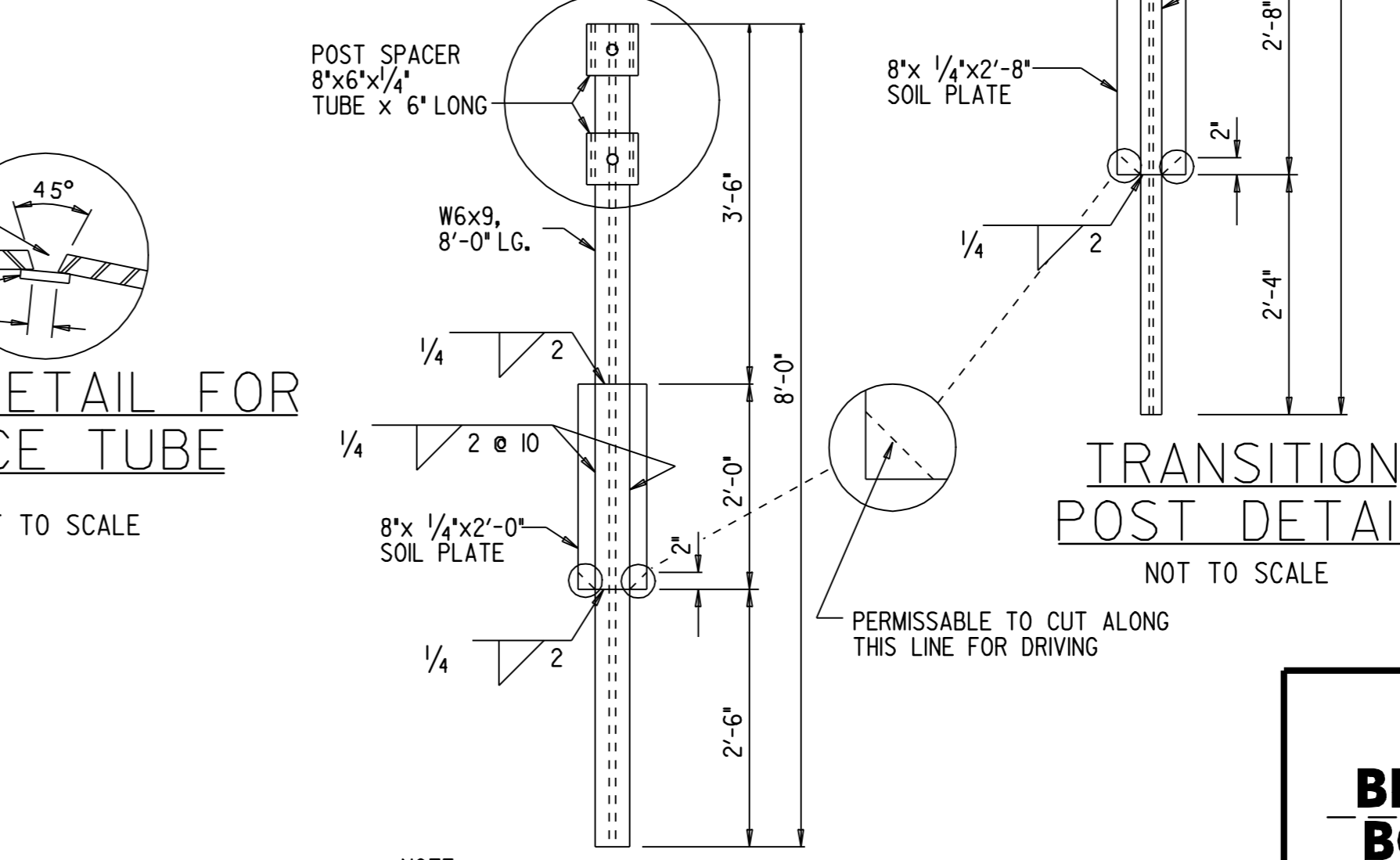
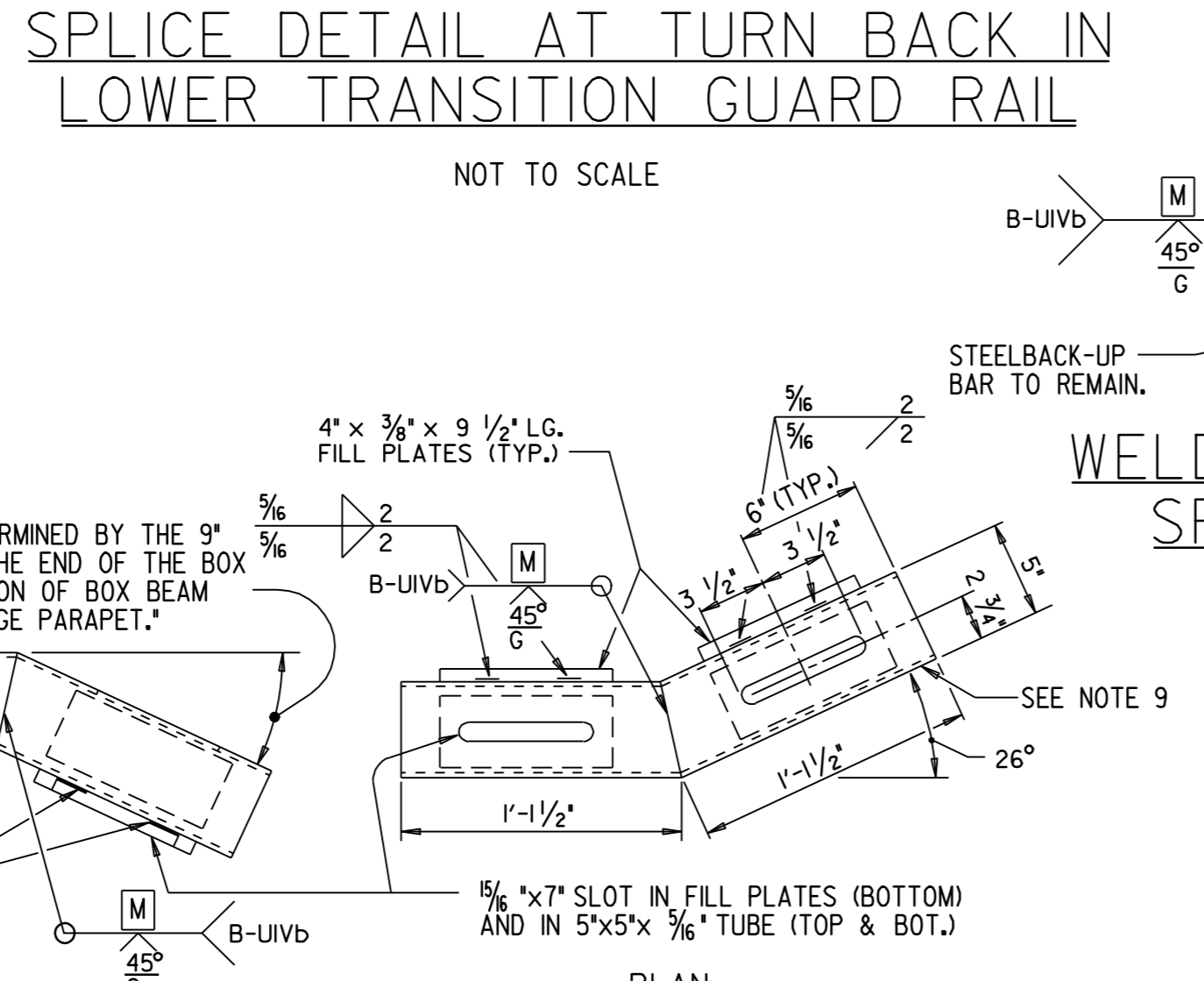
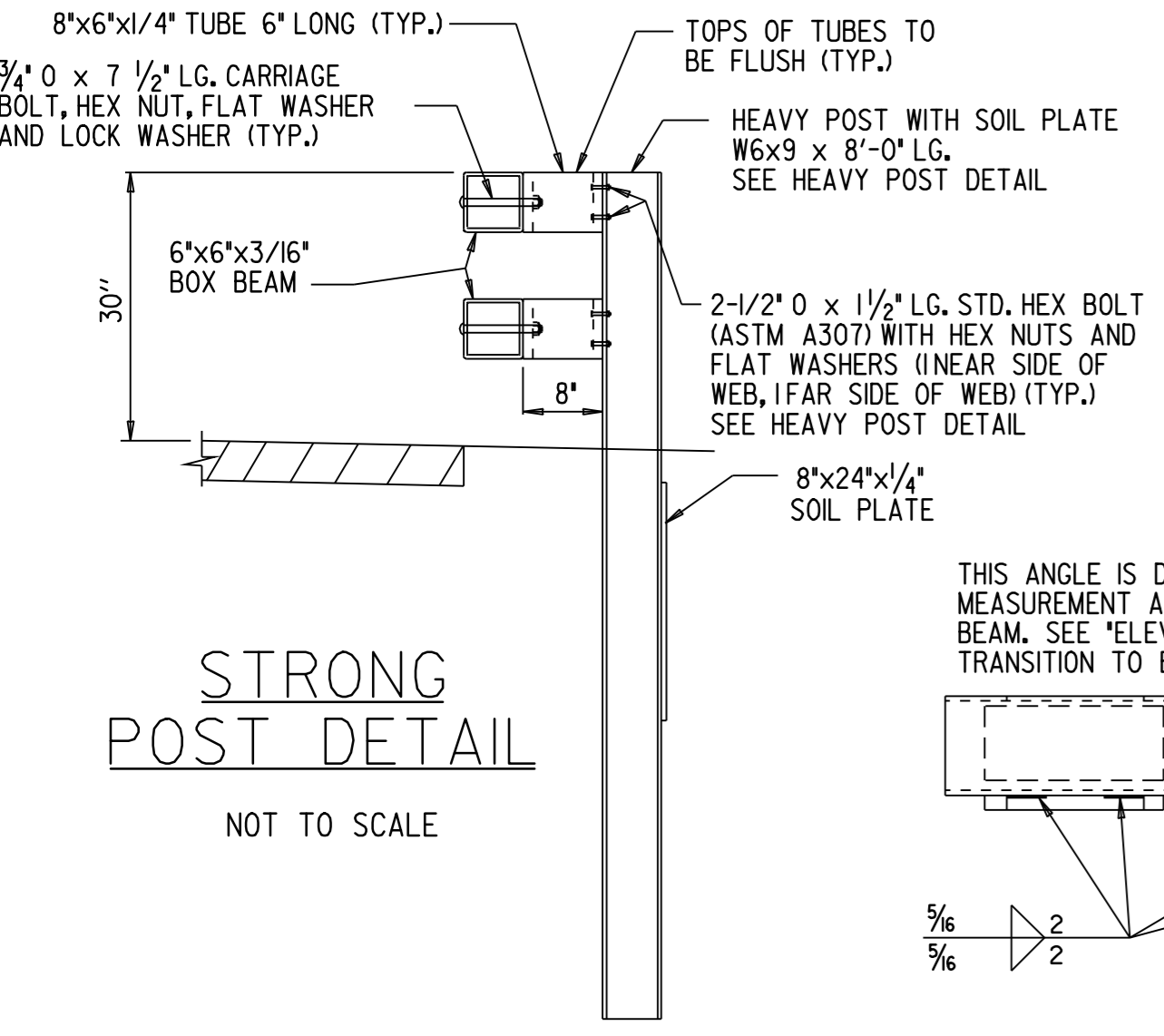
BRIDGE 145 BOX BEAM GUARD RAIL DETAIL SHEET	
SURVEYED BY	N/A DATE N/A
DRAWN BY	C.A.K. DATE 11/00
SQUAD LEADER	T.P.K.
DESIGN FILE NO.	z pave/98bl80/pbl80.dgn
IPARM FILE	pbl80box.l Date PLOTTED 21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE
PROJ. NO.	AC_STP_212411S
SHEET 46A OF 49	SHEETS



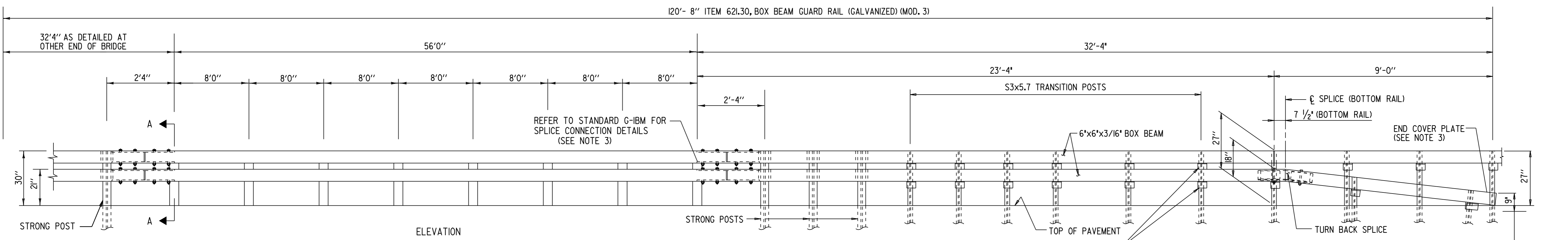
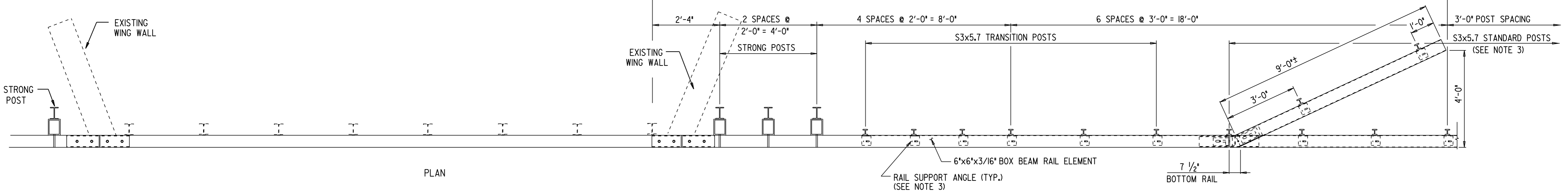
DETAIL FOR ATTACHING BOX BEAM GUARD RAIL TO EXISTING CONCRETE POSTS BRIDGE 148



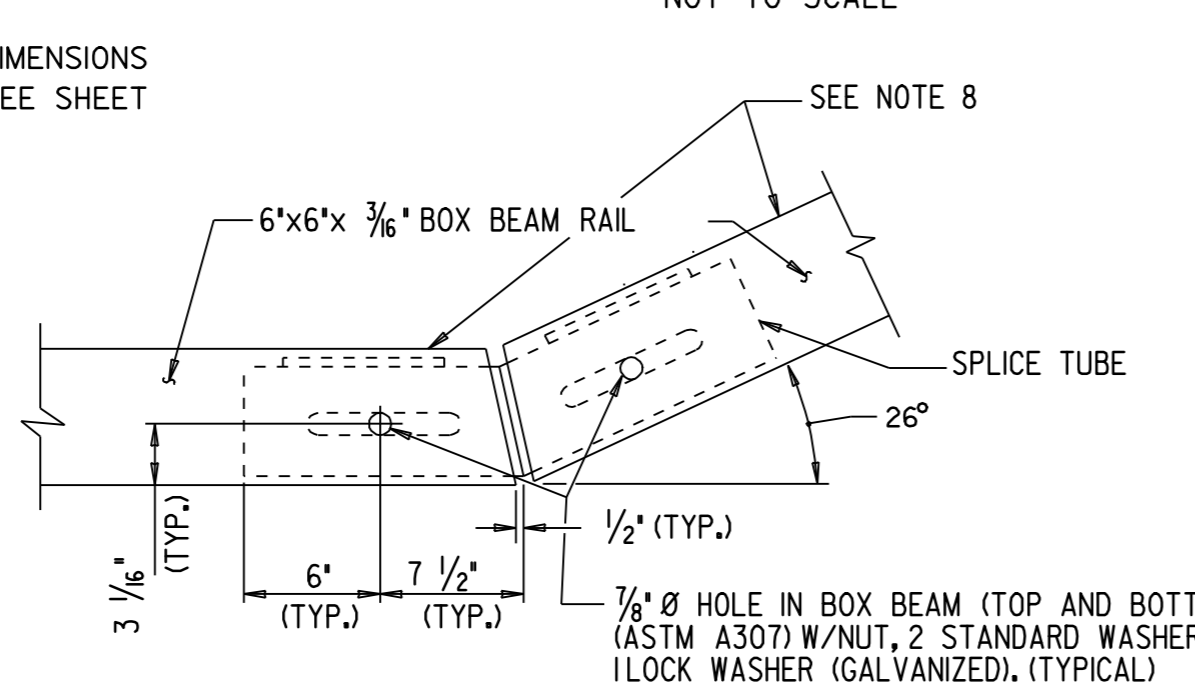
- NOTES:
1. ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.
 2. ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL CONFORM TO THE CURRENT SPECIFICATION FOR BOX BEAM GUARD RAIL. REFER TO STANDARD G-IBM FOR DETAILS. ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL BE GALVANIZED.
 3. FOR DETAILS OF STANDARD POST, EXTRA LONG POST, RAIL ELEMENT, RAIL SUPPORT ANGLE, SPLICE CONNECTIONS, END COVER PLATE, TYPE II END ASSEMBLY AND DELINEATION DEVICE, SEE THE VARIOUS STANDARD SHEETS "BOX BEAM GUARD RAIL."
 4. IN LOCATIONS OF STANDARD BOX BEAM PLACEMENT (SUCH AS RAIL CONTINUING BEYOND THE END OF RUB RAIL), EXTRA LONG POSTS SHALL BE USED IF THE TOP OF EMBANKMENT IS LESS THAN ONE METER (3') BEHIND THE FACE OF RAIL. REFER TO STANDARD G-IBM FOR DETAILS OF EXTRA LONG POSTS.
 5. THIS PLAN VIEW SHOWS TANGENT RAIL ELEMENTS, HOWEVER, THE RAIL ELEMENTS MAY BE SHOP FORMED TO AN INDICATED RADIUS (SEE SHEETS 38 AND 44 OF 49). THE RADIUS PROPOSED ON THOSE SHEETS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.
 6. THE COST OF ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK SHOWN FOR THESE DETAILS SHALL BE INCIDENTAL TO THE ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3). THE LENGTH OF THE LOWER BOX BEAM GUARD RAIL (RUB RAIL), INCLUDING ALL TURN BACK MATERIALS, SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3).
 7. BOX BEAM BRIDGE RAIL HEIGHT (30") SHALL TRANSITION TO THE NORMAL ROADWAY HEIGHT OF 27" AT THE POINT WHERE THE LOWER RUB RAIL TURNS BACK UNDER THE UPPER BOX BEAM RAIL.
 8. PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE INSIDE WALLS OF THE SPLICE AREA.
 9. PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE OUTSIDE WALLS OF THE SPLICE TUBE OR THE OUTSIDE SURFACES OF THE FILL PLATE.



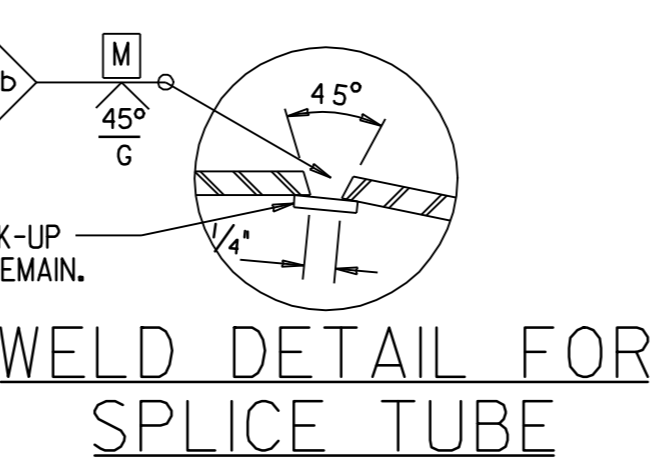
BRIDGE 148 BOX BEAM GUARD RAIL DETAIL SHEET	
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DRAWN BY <u>C.A.K.</u> DATE _____	DATE _____
SQUAD LEADER <u>T.P.K.</u>	DATE _____
DESIGN FILE NO. _____	DATE _____
IPARM FILE <u>pb180box2.i</u> DATE _____	DATE <u>21-DEC-2006</u>
PROJ. NAME <u>ROCHESTER-GRANVILLE</u>	DATE _____
PROJ. NO. <u>AC_SIP_212411</u>	DATE _____
SHEET <u>46B</u> OF <u>49</u>	DATE _____



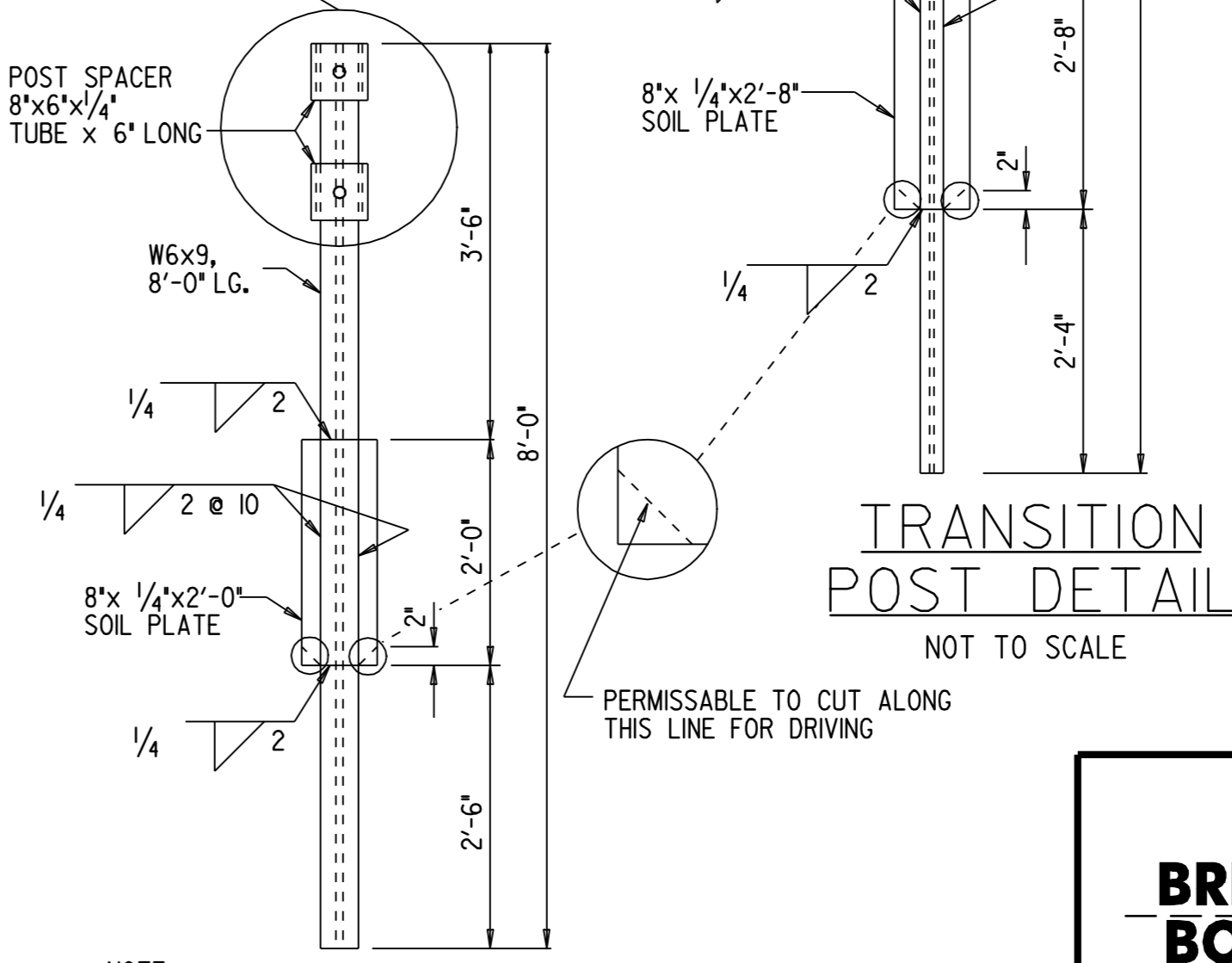
DETAIL FOR ATTACHING BOX BEAM GUARD RAIL TO NEW FASCIA MOUNTED POSTS BRIDGE 153
NOT TO SCALE



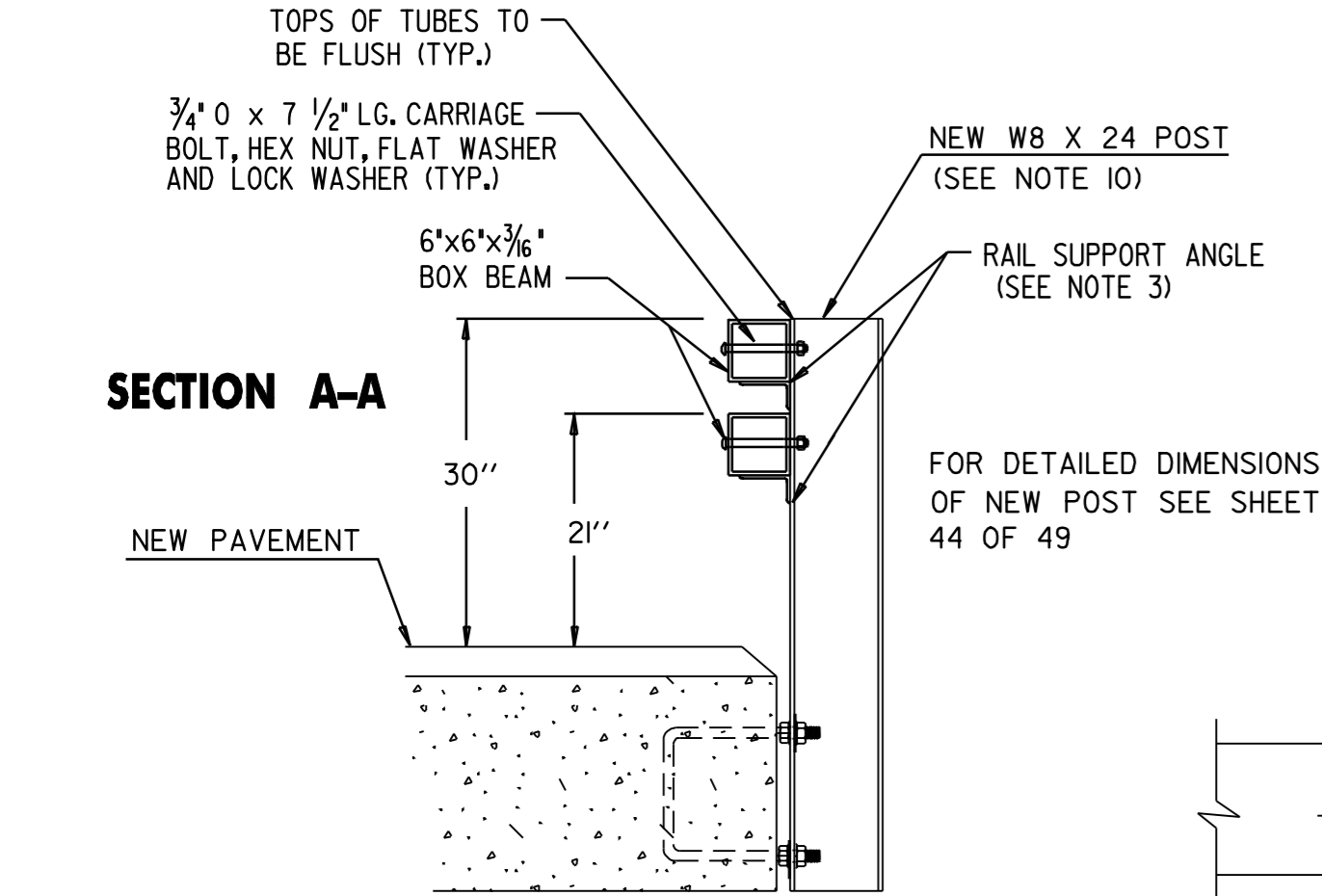
SPLICE DETAIL AT TURN BACK IN LOWER TRANSITION GUARD RAIL
NOT TO SCALE



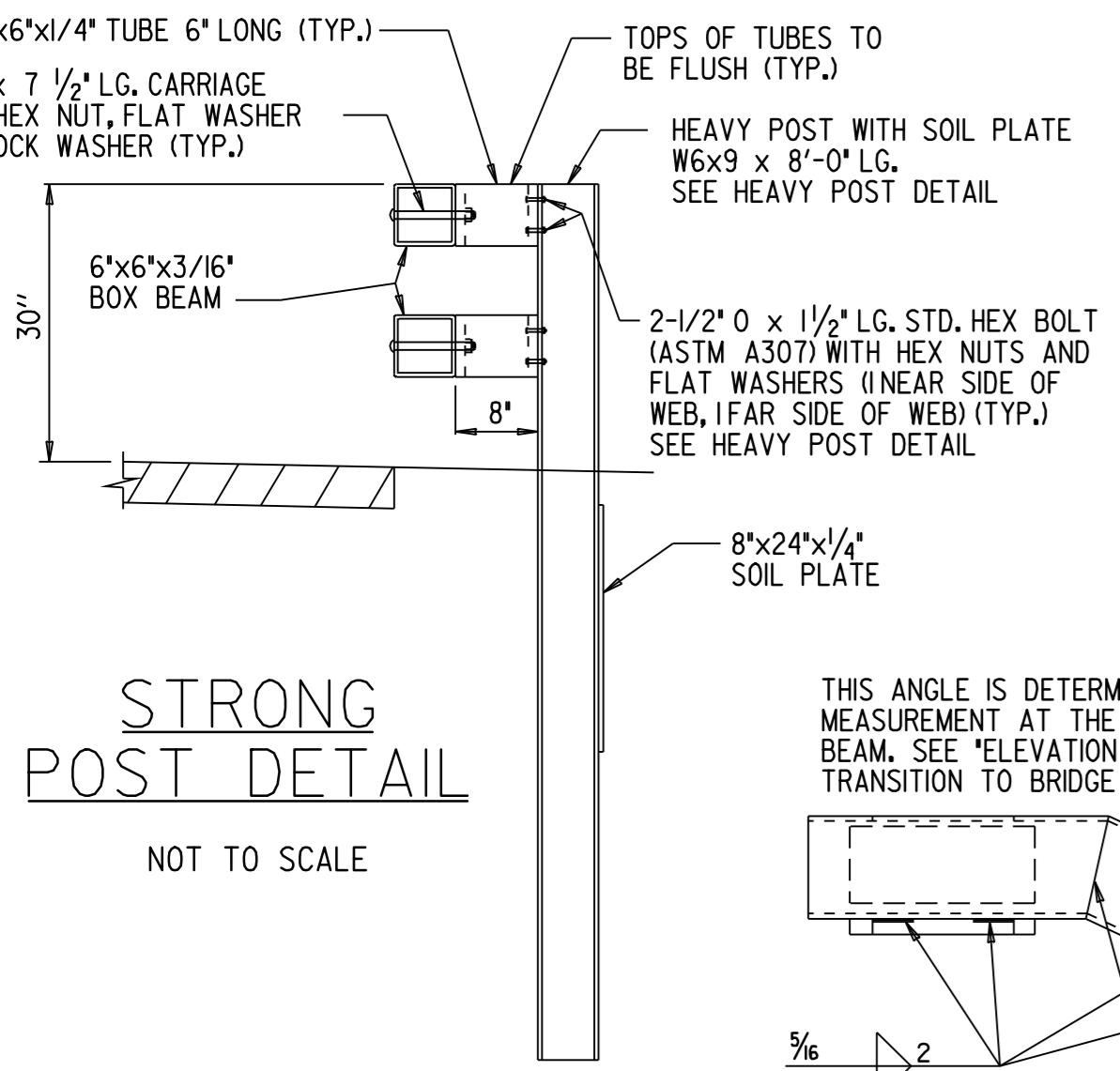
WELD DETAIL FOR SPLICE TUBE
NOT TO SCALE



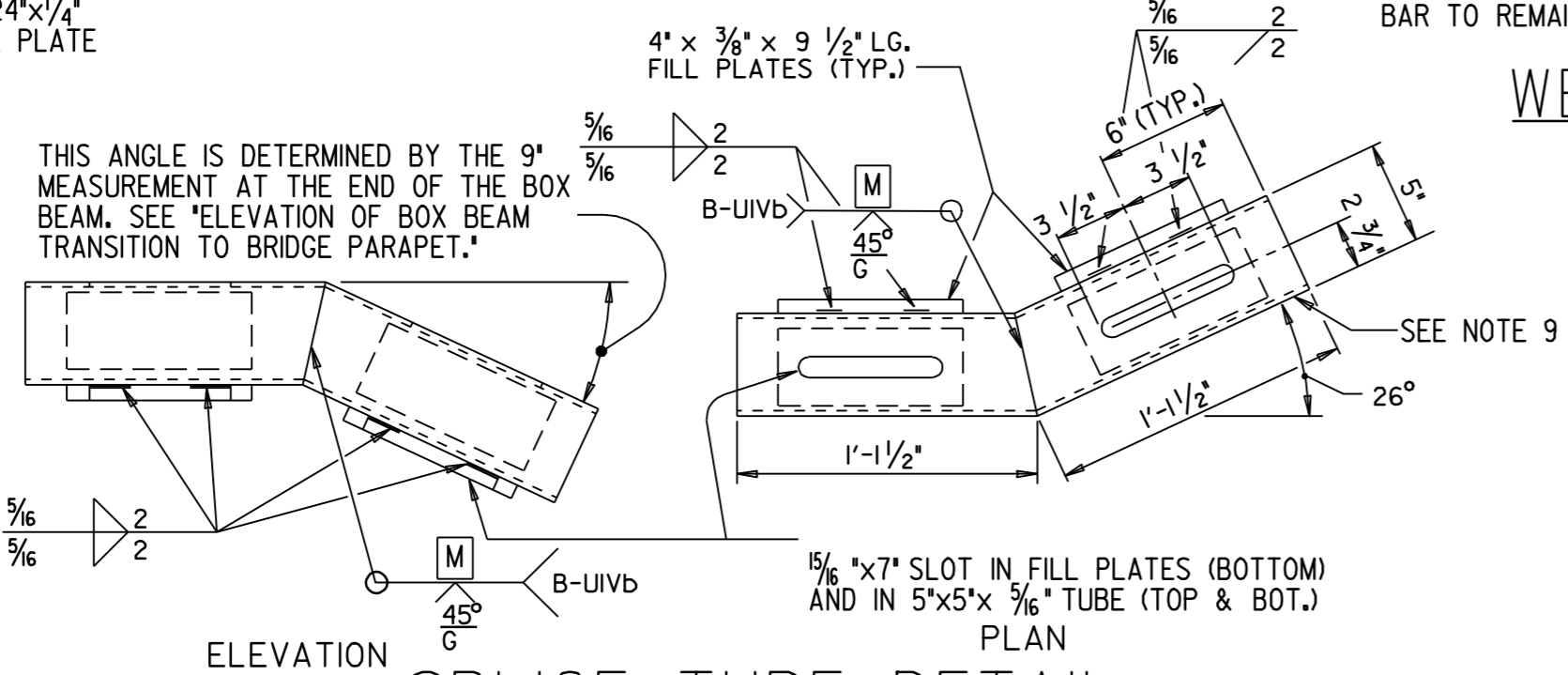
TRANSITION POST DETAIL
NOT TO SCALE



SECTION A-A



STRONG POST DETAIL
NOT TO SCALE

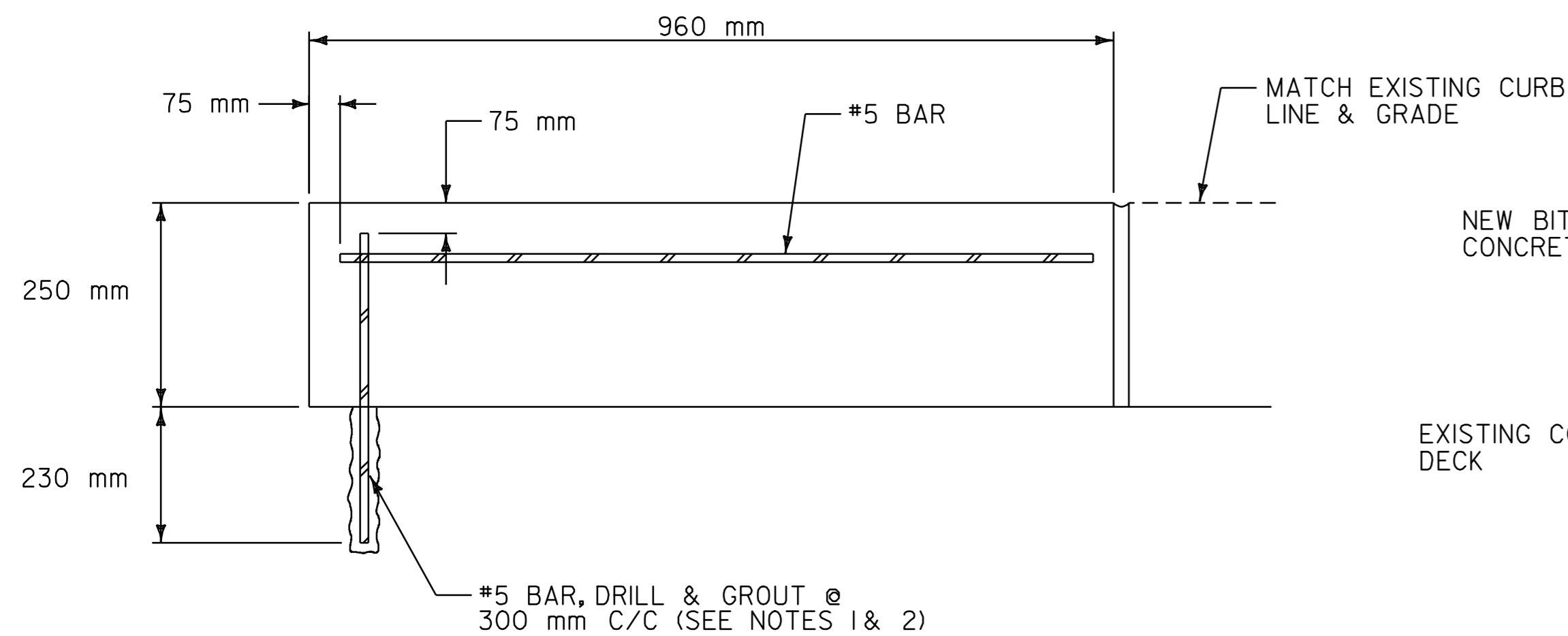


SPLICE TUBE DETAIL FOR TURN BACK
NOT TO SCALE

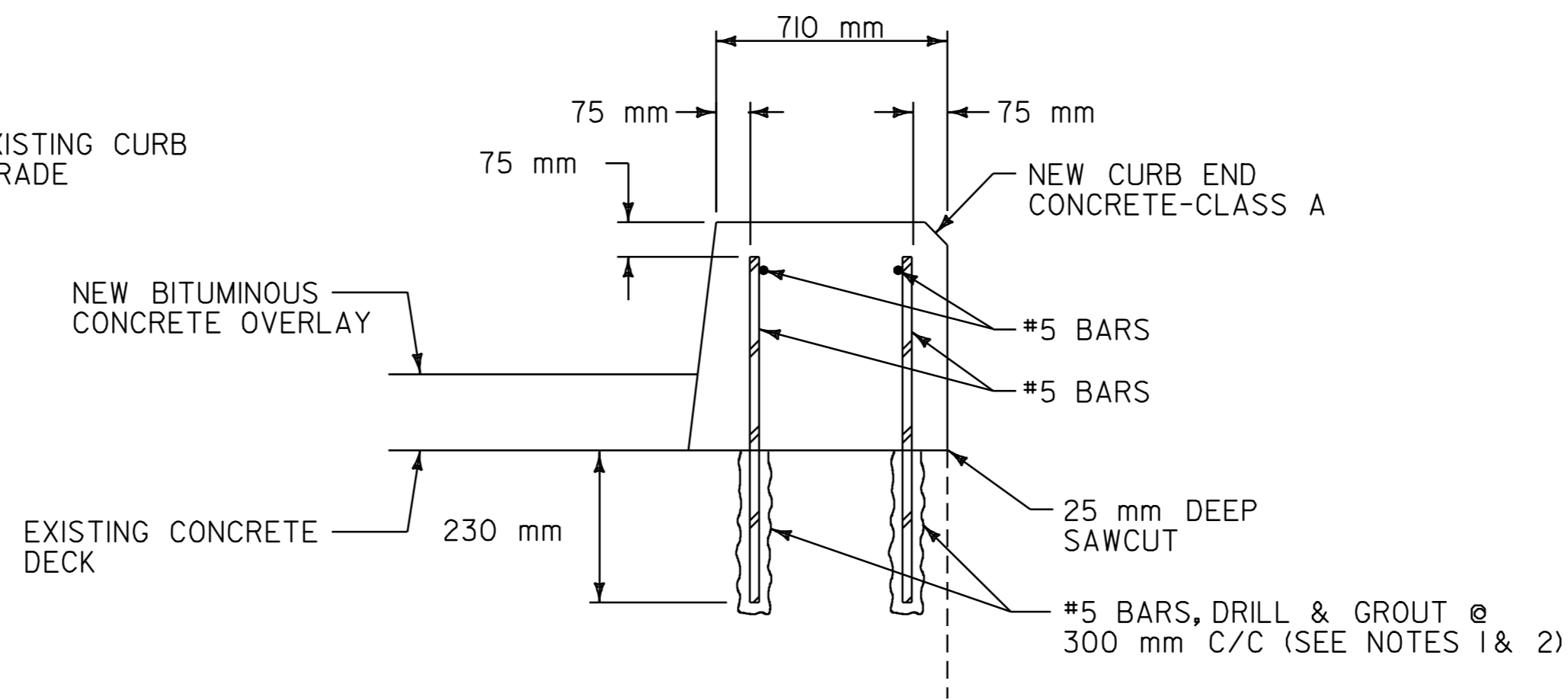
- NOTES:**
- ALL BOX BEAM DETAIL DIMENSIONS ARE IN ENGLISH UNITS. THE FINAL QUANTITIES HAVE BEEN CONVERTED TO METRIC FOR PAYMENT.
 - ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL CONFORM TO THE CURRENT SPECIFICATION FOR BOX BEAM GUARD RAIL. REFER TO STANDARD G-IBM FOR DETAILS. ALL BOX BEAM COMPONENTS, INCLUDING POSTS AND HARDWARE, SHALL BE GALVANIZED.
 - FOR DETAILS OF STANDARD POST, EXTRA LONG POST, RAIL ELEMENT, RAIL SUPPORT ANGLE, SPLICE CONNECTIONS, END COVER PLATE, TYPE II END ASSEMBLY AND DELINEATION DEVICE, SEE THE VAOT STANDARD SHEET G-IBM, 'BOX BEAM GUARD RAIL.'
 - IN LOCATIONS OF STANDARD BOX BEAM PLACEMENT (SUCH AS RAIL CONTINUING BEYOND THE END OF RUB RAIL), EXTRA LONG POSTS SHALL BE USED IF THE TOP OF EMBANKMENT IS LESS THAN ONE METER (3') BEHIND THE FACE OF RAIL. REFER TO STANDARD G-IBM FOR DETAILS OF EXTRA LONG POSTS.
 - THIS PLAN VIEW SHOWS TANGENT RAIL ELEMENTS, HOWEVER, THE RAIL ELEMENTS MAY BE SHOP FORMED TO AN INDICATED RADIUS (SEE SHEETS 38 AND 44 OF 49). THE RADI PROPOSED ON THOSE SHEETS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.
 - THE COST OF ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE WORK SHOWN FOR THESE DETAILS SHALL BE INCIDENTAL TO THE ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3). THE LENGTH OF THE LOWER BOX BEAM GUARD RAIL (RUB RAIL), INCLUDING ALL TURN BACK MATERIALS, SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 1, 2 OR 3).
 - BOX BEAM BRIDGE RAIL HEIGHT (30") SHALL TRANSITION TO THE NORMAL ROADWAY HEIGHT OF 27" AT THE POINT WHERE THE LOWER RUB RAIL TURNS BACK UNDER THE UPPER BOX BEAM RAIL.
 - PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE INSIDE WALLS OF THE SPLICE AREA.
 - PROTRUSIONS CAUSED BY WELDING ARE NOT PERMITTED ON THE OUTSIDE WALLS OF THE SPLICE TUBE OR THE OUTSIDE SURFACES OF THE FILL PLATE.
 - THE COST OF PROVIDING AND INSTALLING NEW BRIDGE POSTS ON BRIDGE 153 SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 621.30, BOX BEAM GUARD RAIL (MOD. 3).

BRIDGE 153 BOX BEAM GUARD RAIL DETAIL SHEET

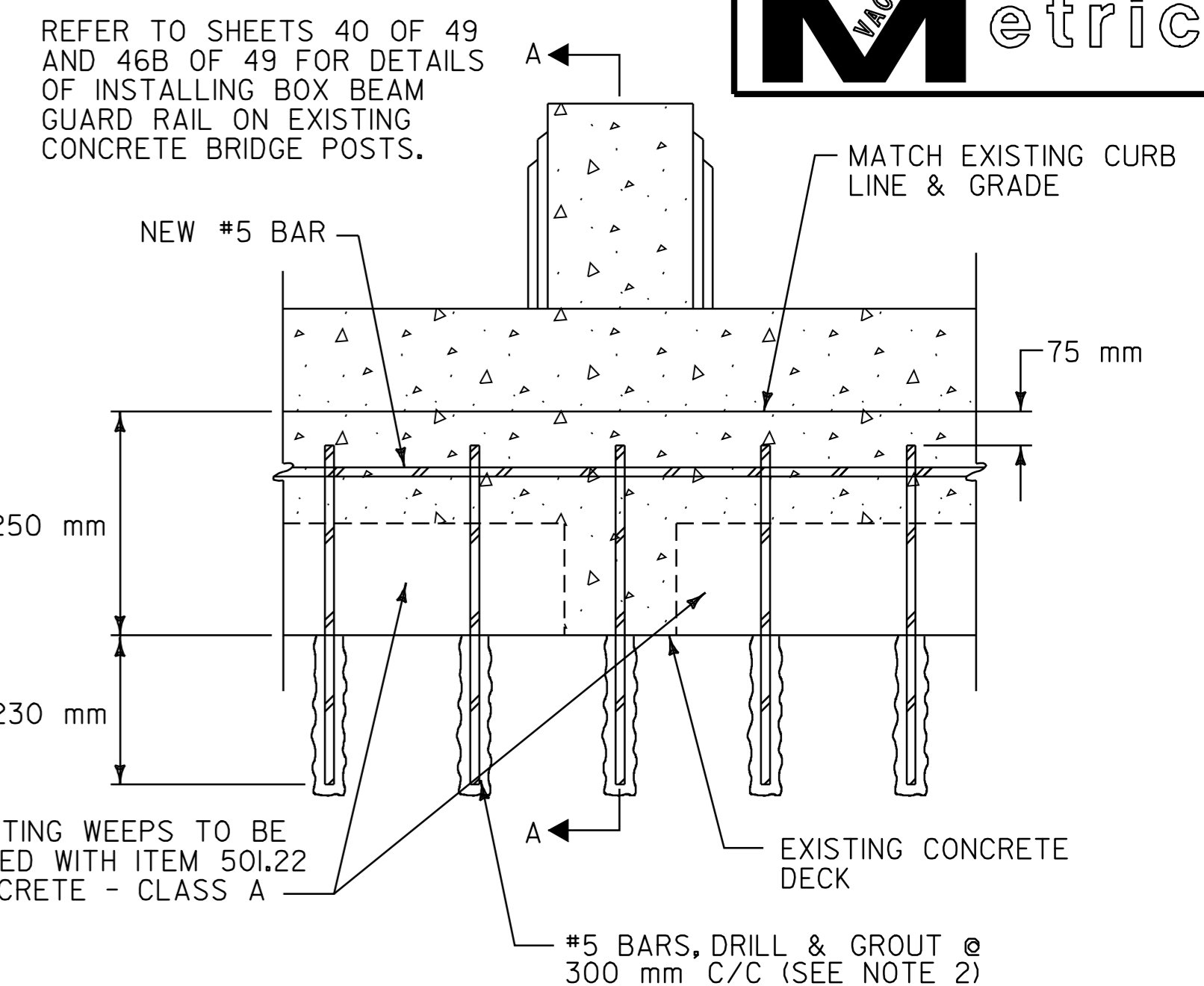
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DRAWN BY	C.A.K.	DATE	11/00
SQUAD LEADER	T.P.K.		
DESIGN FILE NO.			
IPARM FILE	dbl80box3.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE		
PROJ. NO.	AC_SIP_212411S		
SHEET	46C	OF	49



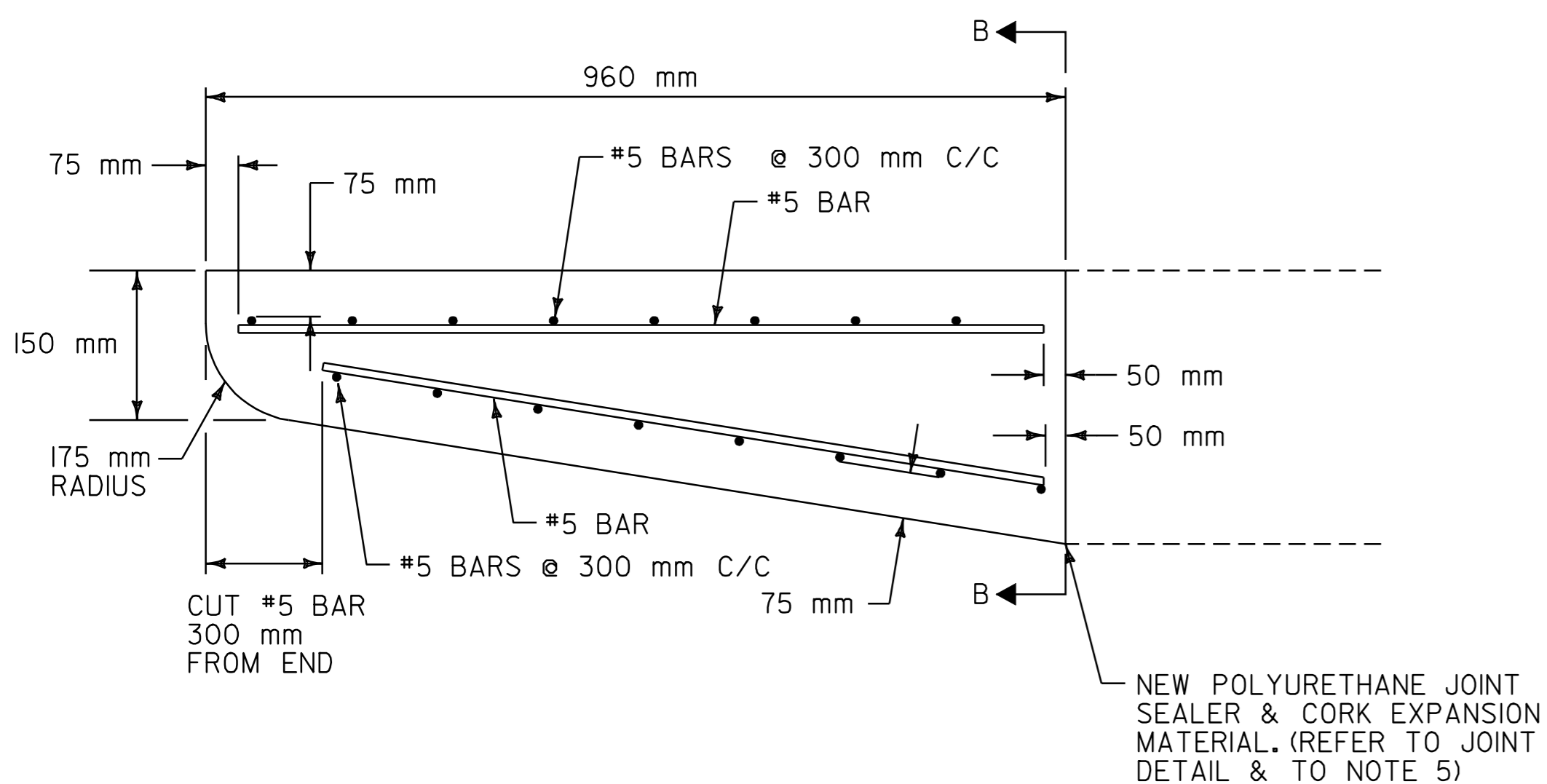
NEW CURB END TREATMENT ELEVATION VIEW
NOT TO SCALE



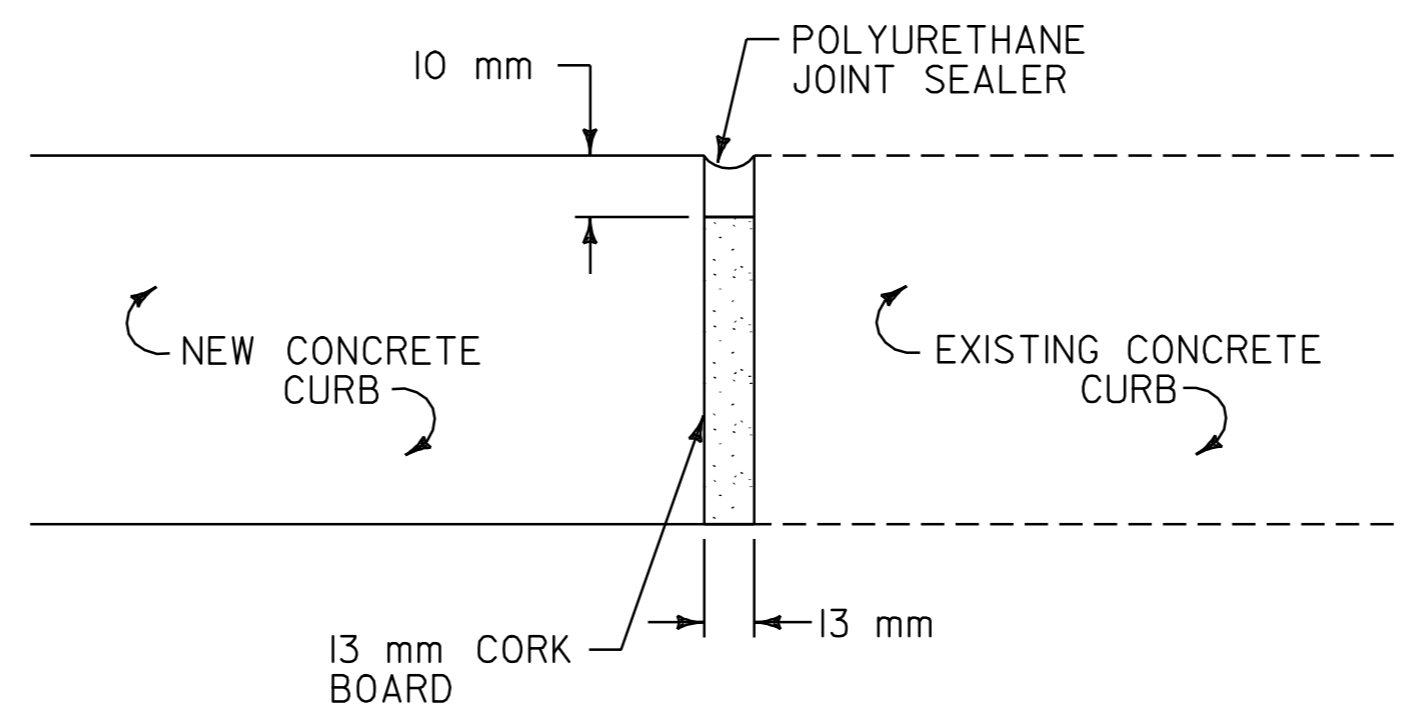
SECTION B-B
NOT TO SCALE



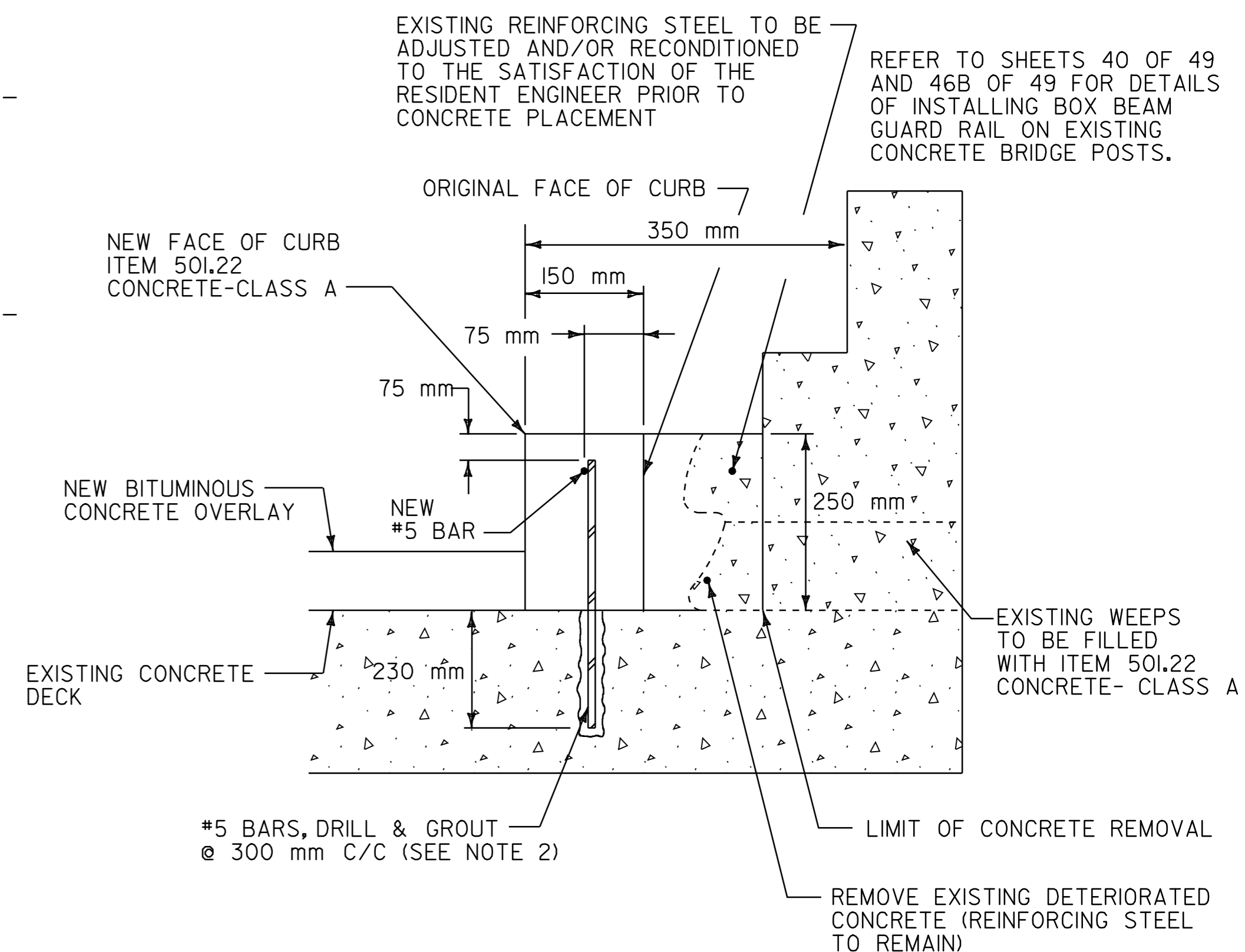
NEW CURB ELEVATION VIEW
NOT TO SCALE



NEW CURB END TREATMENT PLAN VIEW
NOT TO SCALE



JOINT DETAIL (SEE NOTE 5)
NOT TO SCALE



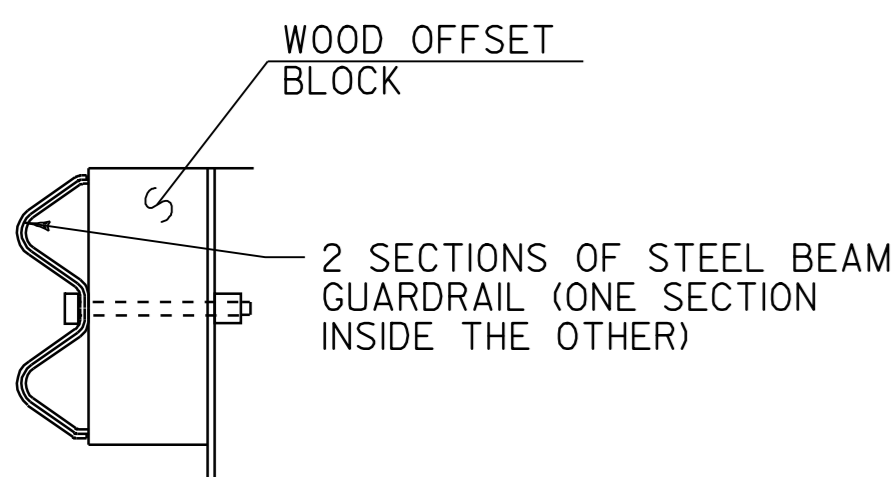
SECTION A-A
NOT TO SCALE

NOTES

1. LOCATION OF EXISTING U-BARS IS NOT KNOWN. DRILL AND GROUT #5 BAR DOWELS AS SHOWN IN END TREATMENT DETAILS. WHEN DIRECTED BY THE RESIDENT ENGINEER, ANY EXISTING U-BARS SHALL BE REMOVED AND SUBSEQUENTLY REPLACED BY #5 BAR DOWELS AS REQUIRED TO PROVIDE THE NECESSARY VERTICAL REINFORCEMENT.
2. PAYMENT FOR ALL DRILLING AND GROUTING SHALL BE CONSIDERED INCIDENTAL TO ITEM 501.22 CONCRETE - CLASS A.
3. WHEN POURING NEW CONCRETE CURBS, THE CONCRETE SHALL BE POURED AS SHOWN ON THIS SHEET UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
4. THE REMOVAL OF CONCRETE CURBING ON BR 148 TO THE LIMITS SHOWN WILL BE PAID FOR AS ONE EACH UNDER THE ITEM 529.20 PARTIAL REMOVAL OF STRUCTURE. THE RUBBLE CREATED BY THE REMOVAL SHALL NOT BE LEFT AT THE BRIDGE SITE BUT SHALL BE DISPOSED OF PROPERLY, AS DIRECTED BY THE RESIDENT ENGINEER.
5. POLYURETHANE JOINT SEALER AND CORK EXPANSION MATERIAL SHALL BE USED BETWEEN THE NEW CONCRETE CURB END TREATMENT AND THE EXISTING CONCRETE CURB. PAYMENT FOR THE JOINT SEALER SHALL BE MADE UNDER ITEM 524.20 JOINT SEALER, POLYURETHANE. PAYMENT FOR THE CORK EXPANSION MATERIAL SHALL BE CONSIDERED INCIDENTAL TO ITEM 501.22 CONCRETE - CLASS A.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

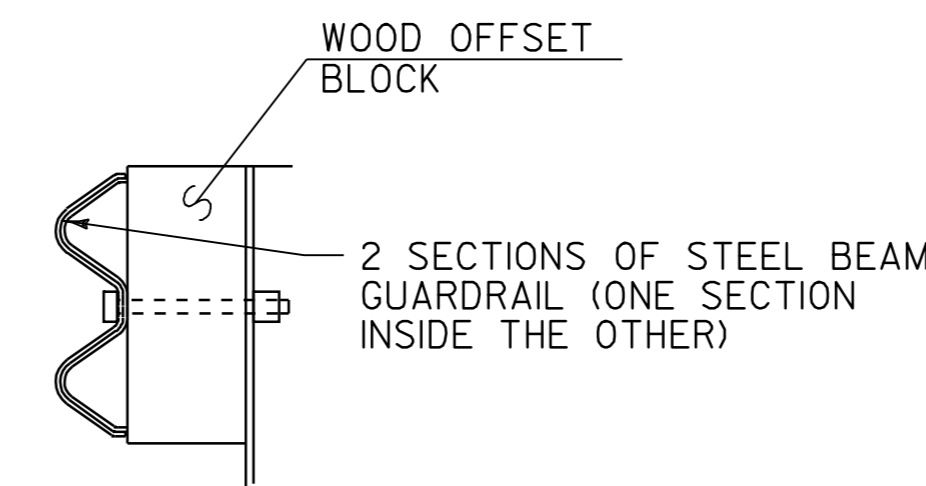
BRIDGE 148 CURB DETAIL SHEET	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	pave/98b180/pbl80.dgn		
	IPARM FILE	pbl80b12.i	DATE PLOTTED	21-DEC-2006 15
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_212411S			
SHEET	47	OF	49	SHEETS



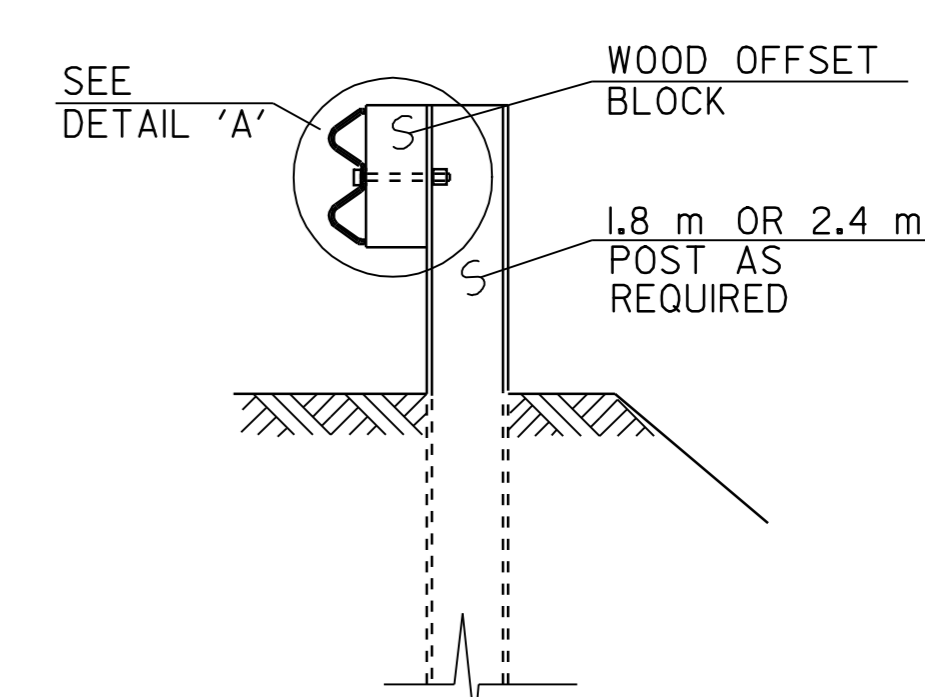
DETAIL A
NOT TO SCALE

NOTES

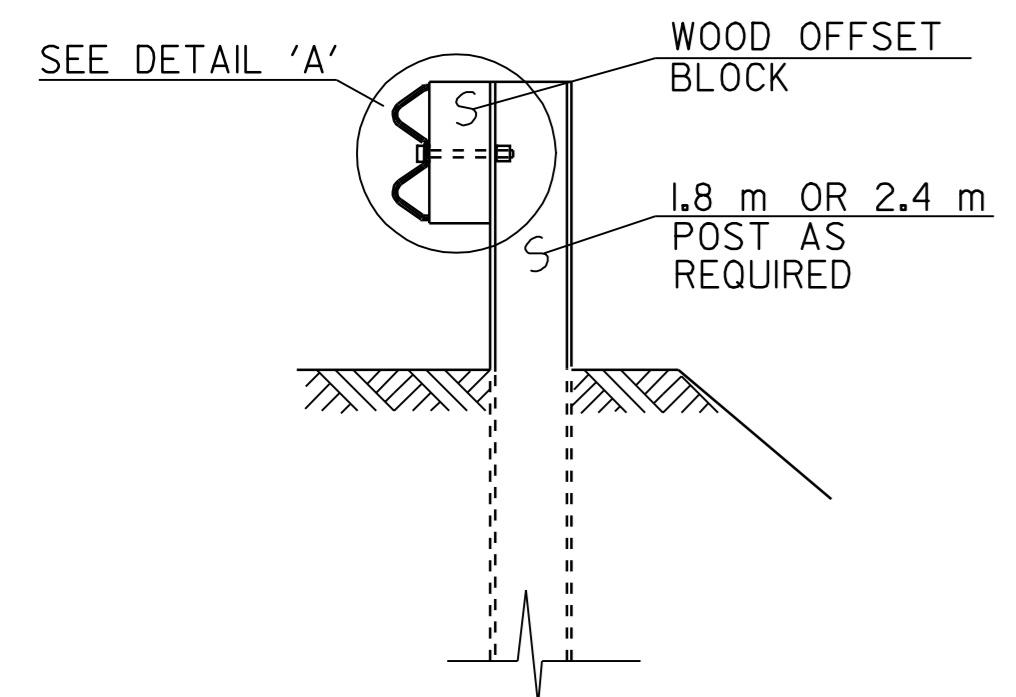
1. SEE STANDARD G-IM FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20 STEEL BEAM GUARDRAIL AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER.



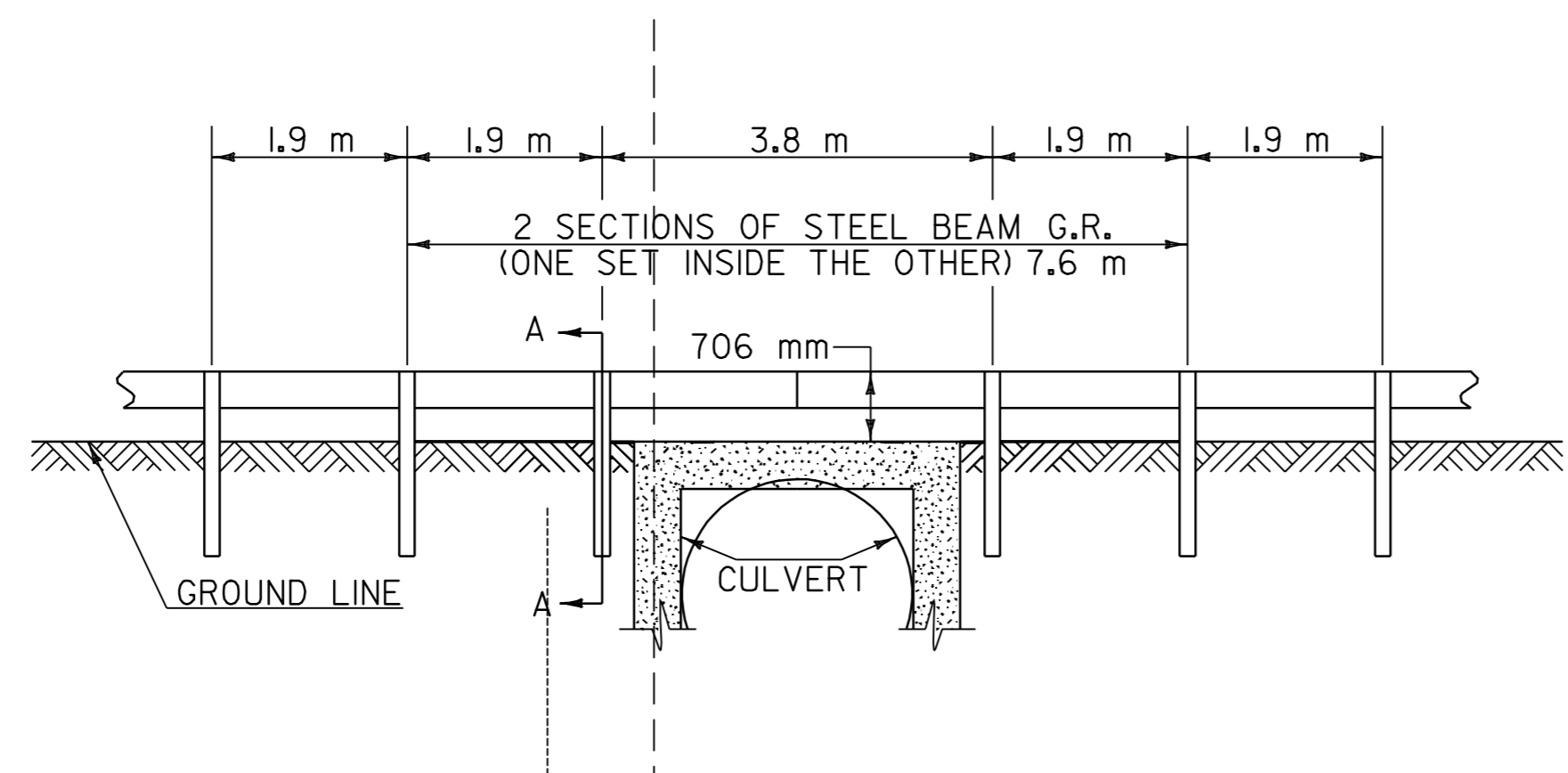
DETAIL A
NOT TO SCALE



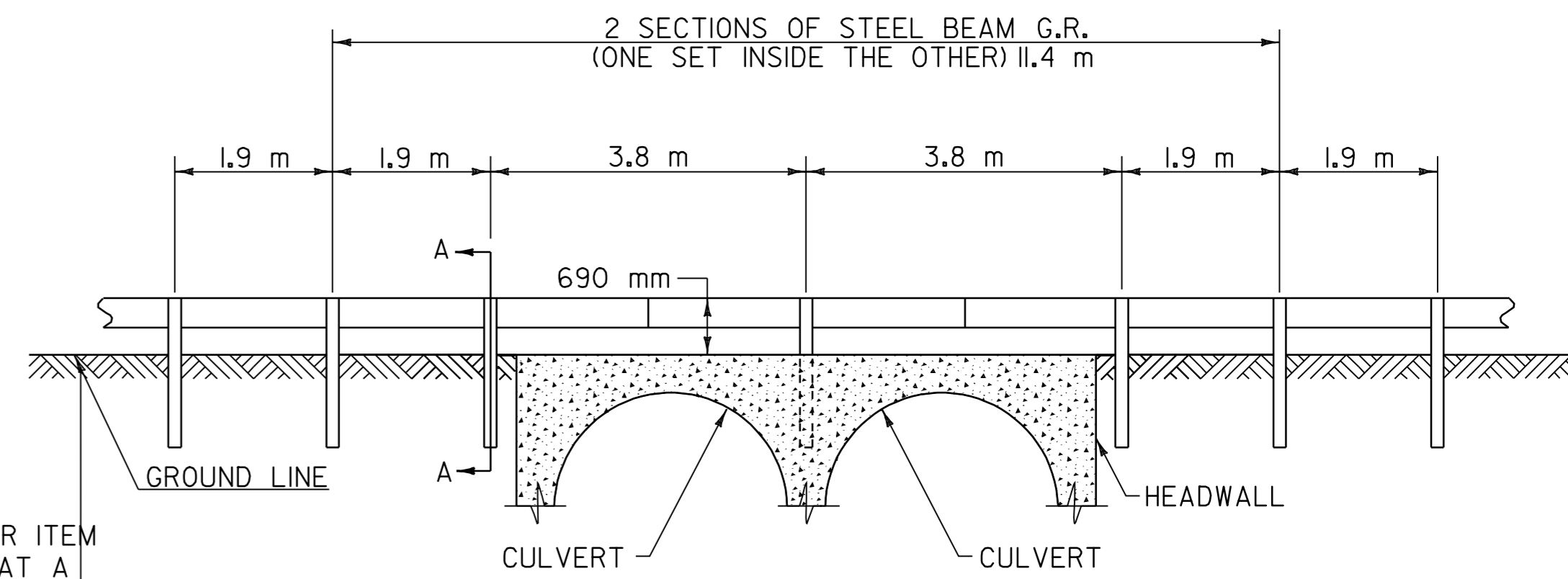
SECTION A-A
NOT TO SCALE



SECTION A-A
NOT TO SCALE



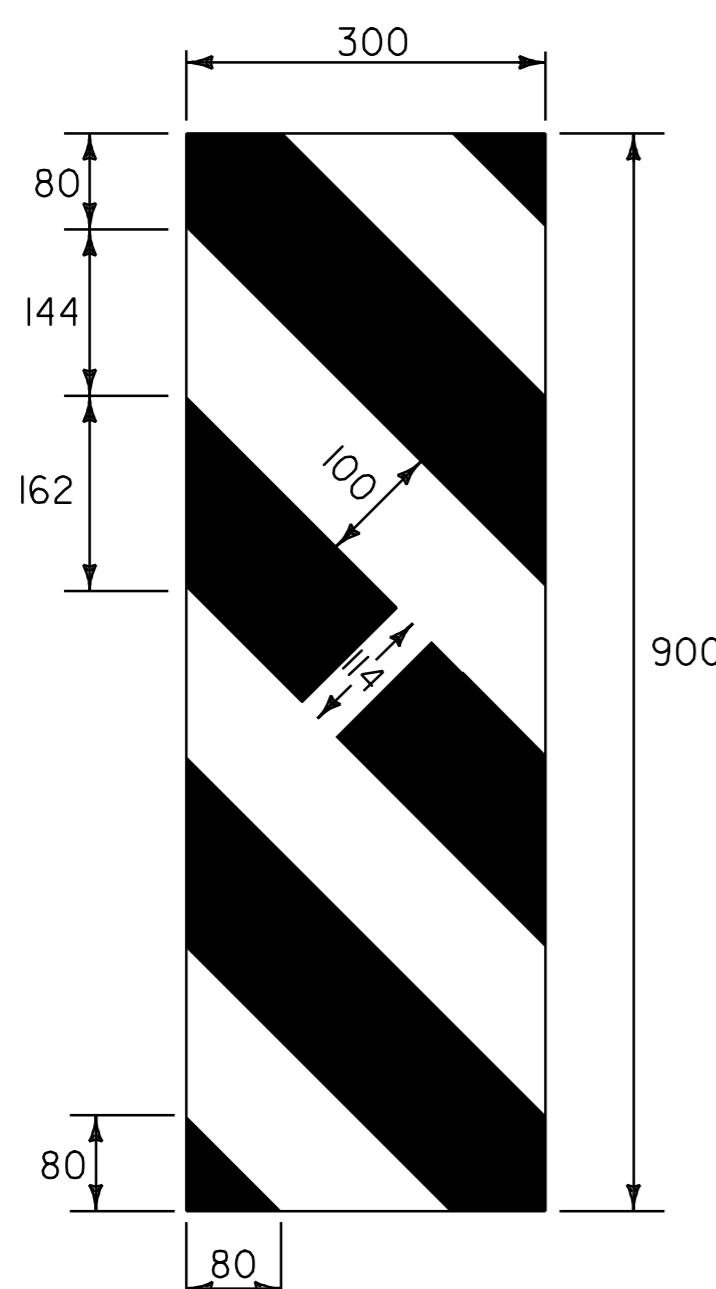
DETAIL OF STEEL BEAM GUARDRAIL AT SMALL CULVERTS
BR 146 HANCOCK STA. 3+830.239 RT
NOT TO SCALE



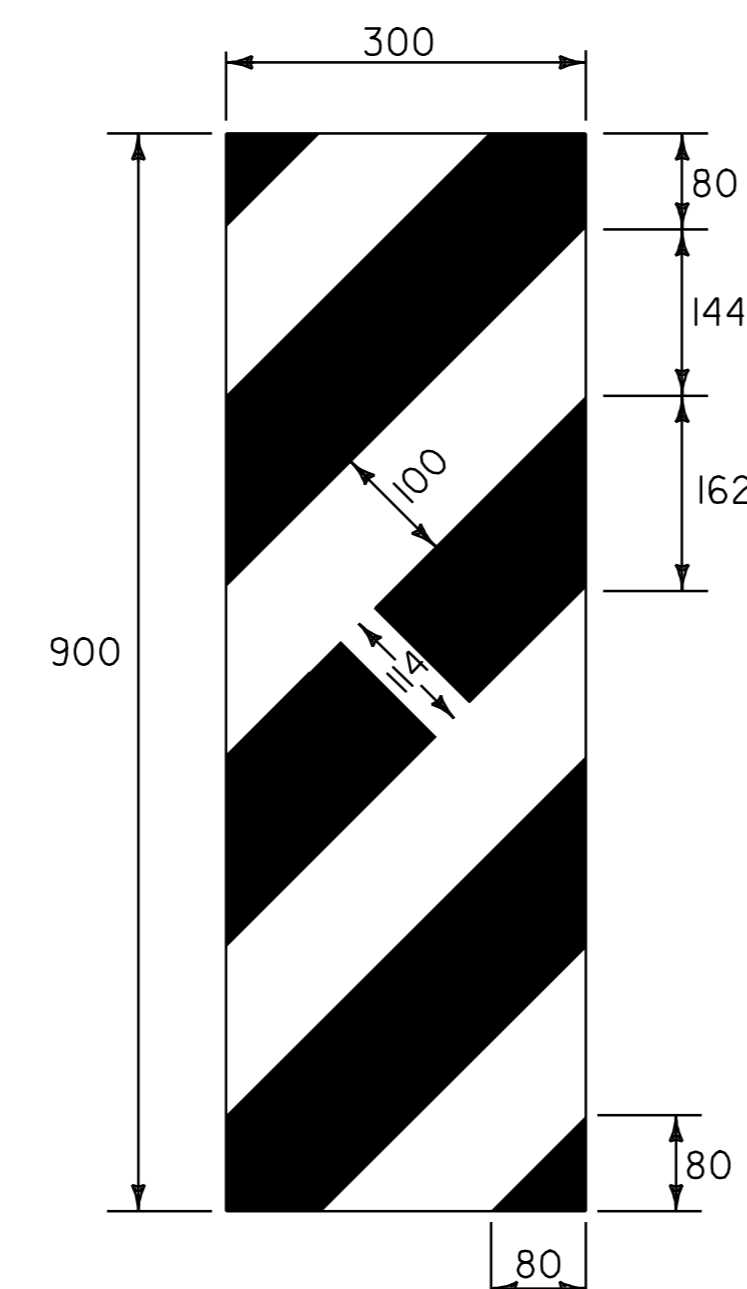
DETAIL OF STEEL BEAM GUARDRAIL AT BR 144A
BR 144A HANCOCK STA. 0+584.192 LT & RT
NOT TO SCALE

NOTES

1. SEE STANDARD G-IM FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20 STEEL BEAM GUARDRAIL AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER.



COLOR: BLACK SYMBOL
YELLOW BACKGROUND (REFLECTORIZED)
MATERIAL: PER VAOT STANDARD E-150M
SIGN - VT. ROUTE 100
HANCOCK:
STA. 3+830.6, LT
STA. 3+833.0, RT

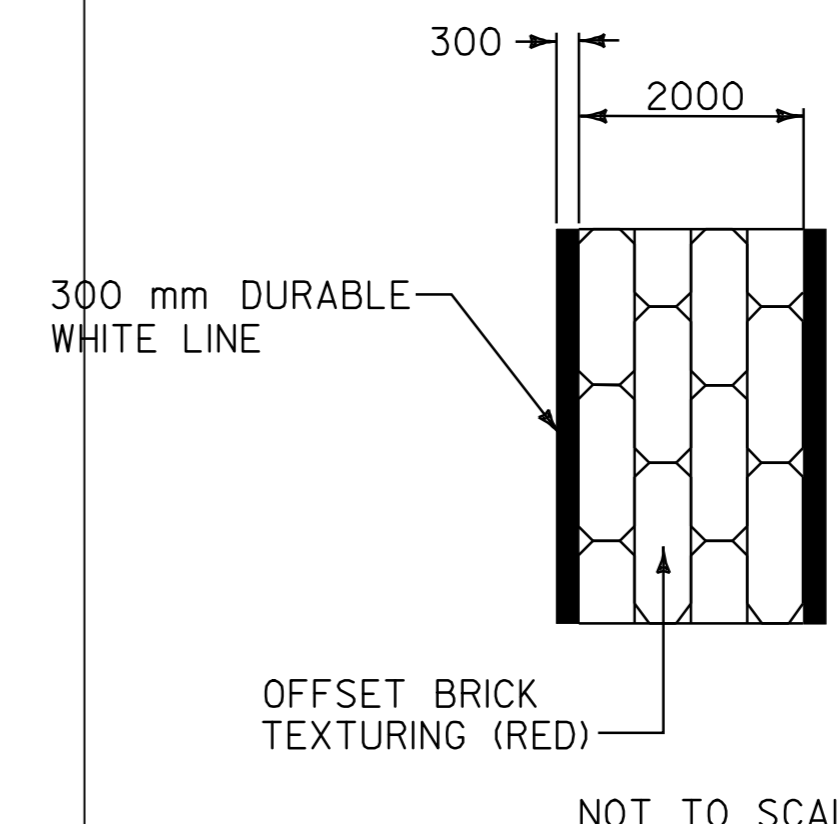


COLOR: BLACK SYMBOL
YELLOW BACKGROUND (REFLECTORIZED)
MATERIAL: PER VAOT STANDARD E-150M
SIGN - VT. ROUTE 100
HANCOCK:
STA. 3+825.0, RT
STA. 3+836.0, LT

GRANVILLE:
STA. 1+536.0, LT
STA. 1+557.0, RT

GRANVILLE:
STA. 1+539.0, RT
STA. 1+555.0, LT

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



DETAIL OF DURABLE CROSSWALK MARKINGS WITH BRICK TEXTURING
HANCOCK STA. 1+674.0

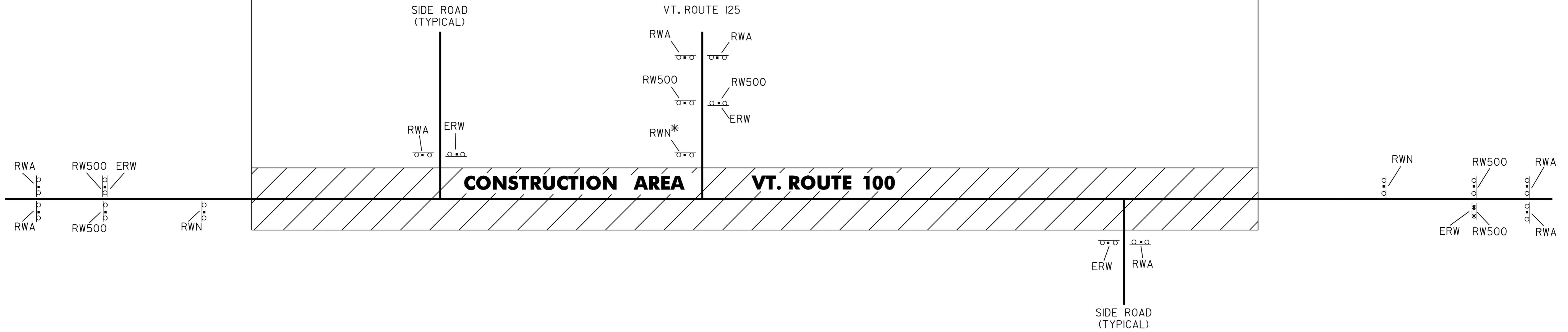
NOTES

1. THE OFFSET BRICK PATTERN SHALL BE IMPRINTED AS SPECIFIED IN THE SPECIAL PROVISIONS.
2. THE PER METER COST OF INSTALLED CROSSWALK, INCLUDING THE 300 mm DURABLE WHITE LINES, SHALL BE PAID AS ITEM 646.51 DURABLE CROSSWALK MARKINGS WITH DIAGONAL LINES (MOD.).

GUARDRAIL, TRAFFIC-SIGN & CROSSWALK MARKINGS DETAIL SHEET	SURVEYED BY	N/A	DATE	N/A
	DRAWN BY	C.A.K.	DATE	11/00
	SQUAD LEADER	T.P.K.		
	DESIGN FILE NO.	/pave/98bl80/pbl80.dgn		
	IPARM FILE	pbl80d.tli	DATE PLOTTED	21-DEC-2006
PROJ. NAME	ROCHESTER-GRANVILLE			
PROJ. NO.	AC_SIP_2124(1)S			
SHEET	48	OF	49	SHEETS

VT. ROUTE 100
MM 6.069 = STA. 9+767.109
BEGIN PROJECT AC STP 2124(I)S

VT. ROUTE 100
MM 2.929 = STA. 4+713.769
END PROJECT AC STP 2124(I)S



CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 AND E-103 FOR ADDITIONAL SIGN PLACEMENT

SIGN LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FEET
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500 FEET
- RWN = ROAD WORK NEXT 7 3/4 MILES
- RWN* = ROAD WORK NEXT 4 MILES

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-16	1	1	
T-61	1	1	
T-12	1	1	
T-1	1	1	
T-8	1	1	
T-9	1	1	
T-20	1	1	
VT. ROUTE 125	2	1	2 - RW500 1 - RWN*
T-7	1	1	
T-3	1	1	
T-5	1	1	
T-2	1	1	
END PROJECT	2	1	2 - RW500 1 - RWN
TOTAL	17	14	9

DATUM
VERTICAL N/A
HORIZONTAL N/A

CONSTRUCTION APPROACH SIGNING SHEET

SURVEYED BY N/A DATE N/A
DRAWN BY C.A.K. DATE 11/00
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/98bl80/pbl80.dgn
IPARM pbl80cas.i DATE 21-DEC-2006 15
FILE pbl80cas.i PLOTTED
PROJ. NAME ROCHESTER-GRANVILLE
PROJ. NO. AC_STP_2124(I)S
SHEET 49 OF 49 SHEETS