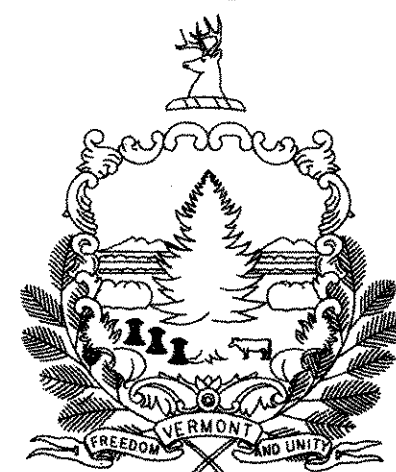


INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT CLASS 1 TOWN HIGHWAY VILLAGE AND TOWN OF MANCHESTER HISTORIC VT.ROUTE 7A, VT.ROUTE 11 & VT.ROUTE 30

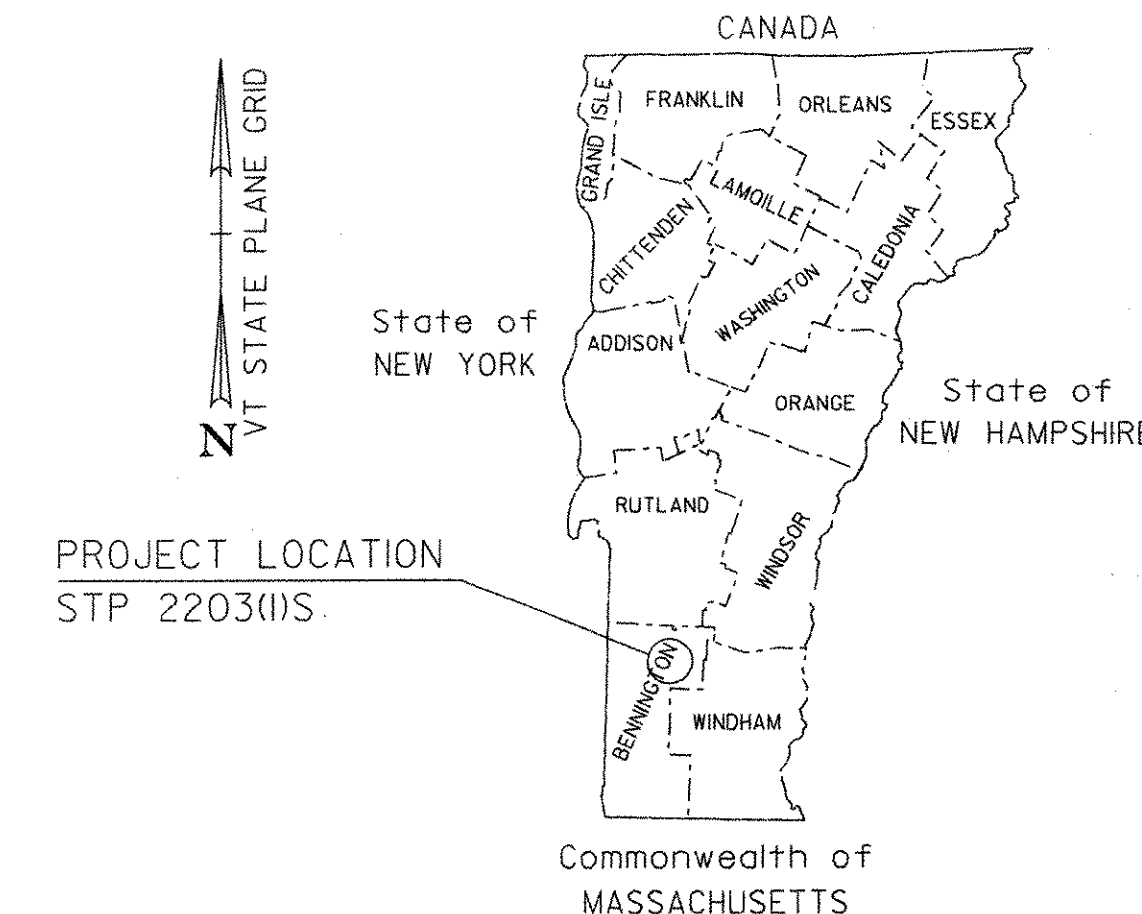
BEGINNING IN THE TOWN OF MANCHESTER ON HISTORIC VT.ROUTE 7A AT MILE MARKER 2.409 = STA. 127+19.52 AND EXTENDING NORTHERLY FOR A DISTANCE OF 15,465.12 FEET (2.929 MILES) TO A POINT IN THE TOWN OF MANCHESTER AT MILE MARKER 5.338 = STA. 281+84.64.

THE PROJECT ALSO EXTENDS EASTERLY FROM THE INTERSECTION OF HISTORIC VT.ROUTE 7A AND VT.ROUTE 11 IN THE TOWN OF MANCHESTER AT MILE MARKER 0.00 = STA. 0+00.00 FOR A DISTANCE OF 2,967.36 FEET (0.562 MILE) ALONG VT.ROUTE 11 TO A POINT AT MILE MARKER 0.562 = STA. 29+67.36.

THE PROJECT ALSO EXTENDS NORTH FROM THE INTERSECTION OF HISTORIC VT.ROUTE 7A AND VT.ROUTE 30 IN THE TOWN OF MANCHESTER AT MILE MARKER 0.00 = STA. 0+00.00 FOR A DISTANCE OF 1,652.64 FEET (0.313 MILE) ALONG VT.ROUTE 30 TO A POINT AT MILE MARKER 0.313 = STA. 16+52.64.

LENGTH OF ROADWAY 20,085.12 FT (3.804 MILES)
LENGTH OF PROJECT 20,085.12 FT (3.804 MILES)

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



RECORD PLANS

CONTRACTOR: KUBRICKY CONSTRUCTION CORP. - GLENS FALLS - NY

RESIDENT ENGINEER: TIM POCKETTE

CONSTRUCTION BEGAN: JUNE 6, 2007

CONSTRUCTION COMPLETE: AUGUST 14, 2007

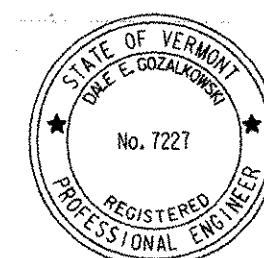
RECORD PLANS BY: TIM POCKETTE & JUDY GILMORE

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

BY *[Signature]* RESIDENT ENGINEER

DATE 04-21-2008

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.



PLANS PREPARED BY

Dale E. Wojalkowski



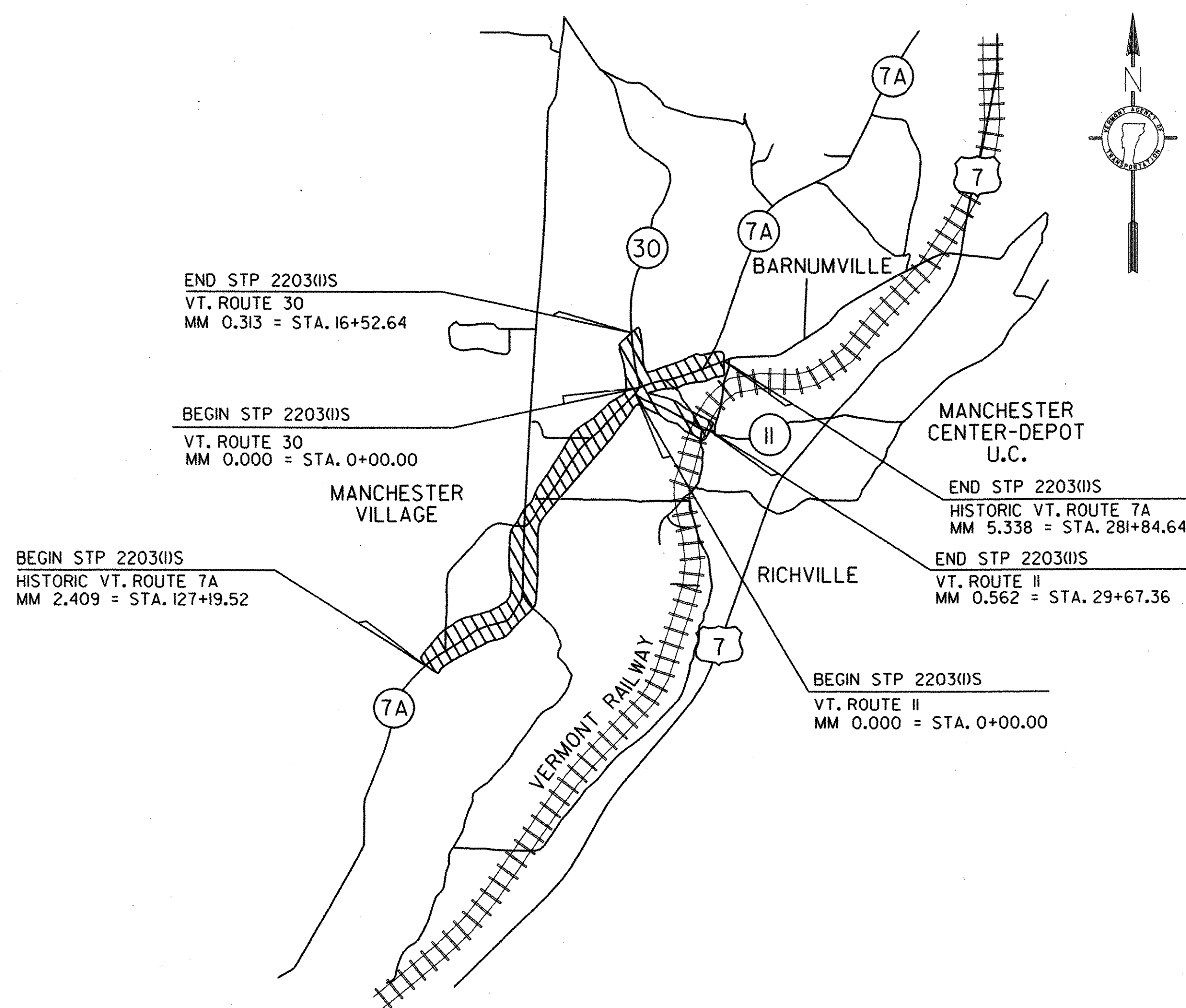
CLOUGH HARBOUR & ASSOCIATES LLP
111 Winners Circle, PO Box 5289, Albany, NY 12205
Main: (518) 453-4500 • www.cloughharbour.com

SURVEYED BY: NA
SURVEYED DATE: NA

DATUM
VERTICAL: NA
HORIZONTAL: NA

CONVENTIONAL SYMBOLS

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



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	3,457,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64 - 28

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 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE 3-16-07
PROJECT MANAGER : WOOLAVER	
PROJECT NAME : MANCHESTER	
PROJECT NUMBER : STP 2203 (1) S	
SHEET 1 OF 68 SHEETS	

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VAOT STANDARDS

C-1	GRANITE SLOPE EDGING	01-03-00
	VERTICAL GRANITE CURB	
	PRECAST REINFORCED CONCRETE CYRB	
	CAST IN PLACE CONCRETE CURB	
	TREATED TIMBER CURB	
C-3A	SIDEWALK RAMPS	09-01-04
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	09-01-04
D-6	REINFORCED CONCRETE DROP INLET WITH GRATE FOR USE IN DITCHES	06-01-94
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB	06-01-94
	REINFORCED CONCRETE DROP INLET THROAT ADAPTER	
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/ CAST IRON GRATE	06-01-94
	PRECAST REINFORCED CONCRETE MANHOLE W/ CAST IRON COVER	
	CAST IRON GRATE WITH FRAME, TYPE D	
	CAST IRON GRATE WITH FRAME, TYPE E	
E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
E-101	CONSTRUCTION SIGN DETAILS	05-30-03
E-102	CONSTRUCTION SIGN DETAILS	06-30-03
E-102A	CONSTRUCTION SIGN DETAILS	05-01-04
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03-01-04
E-107A	BREAKAWAY BARRICADE DETAILS	08-08-95
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08-08-95
E-111	MINOR MAINTENANCE OPERATION	03-11-97
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08-08-95
E-123	GUIDE SIGN PLACEMENT MISCELLANEOUS DETAILS	03-16-04
E-138	MILEMARKER DETAILS STATE AND TOWN HIGHWAYS	05-30-03
E-140	REGULATORY SIGN DETAILS	08-30-96
E-141	REGULATORY SIGN DETAILS	09-20-95
E-142	REGULATORY SIGN DETAILS	09-20-95
E-143	REGULATORY SIGN DETAILS	06-15-04
E-145A	REGULATORY SIGN DETAILS	12-23-94
	LANE USE CONTROL SIGNS	
	TWO AND FOUR LANE APPROACHES	
E-146	REGULATORY SIGN DETAILS	09-20-95
E-151	WARNING SIGN DETAILS	05-01-04
E-152	WARNING SIGN DETAILS	05-01-04
E-153B	WARNING SIGN DETAILS	05-30-03
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-99
E-164	SQUARE STEEL SIGN POST	05-20-99
E-172	VEHICLE DETECTOR LOOP DETAILS	08-09-95
E-191	PAVEMENT MARKING DETAILS	02-01-99
E-192	PAVEMENT MARKING DETAILS	10-12-00
E-193	PAVEMENT MARKING DETAILS	08-18-95
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01-03-00
	STEEL BEAM GUARDRAIL WITH WOOD POSTS	
G-ID	STEEL BEAM GUARDRAIL APPROACH END TERMINAL	01-03-00
	STEEL BEAM GUARDRAIL TRAILING END TERMINAL	
	ANCHOR FOR STEEL BEAM GUARDRAIL	
	STEEL BEAM MEDIAN BARRIER	
G-19	GENERIC PLANS FOR GUARDRAIL END TERMINALS	11-15-02
SB-R6-82	BRIDGE RAILING HEAVY DUTY STEEL BEAM	01-06-95
	(TYPE A, TYPE B, TYPE C, AND TYPE D)	
	BRIDGE RAILING HEAVY DUTY STEEL BEAM	
	WITH BOX BEAM HAND RAIL (TYPE E)	

NOT TO SCALE

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OF
SHEETS**

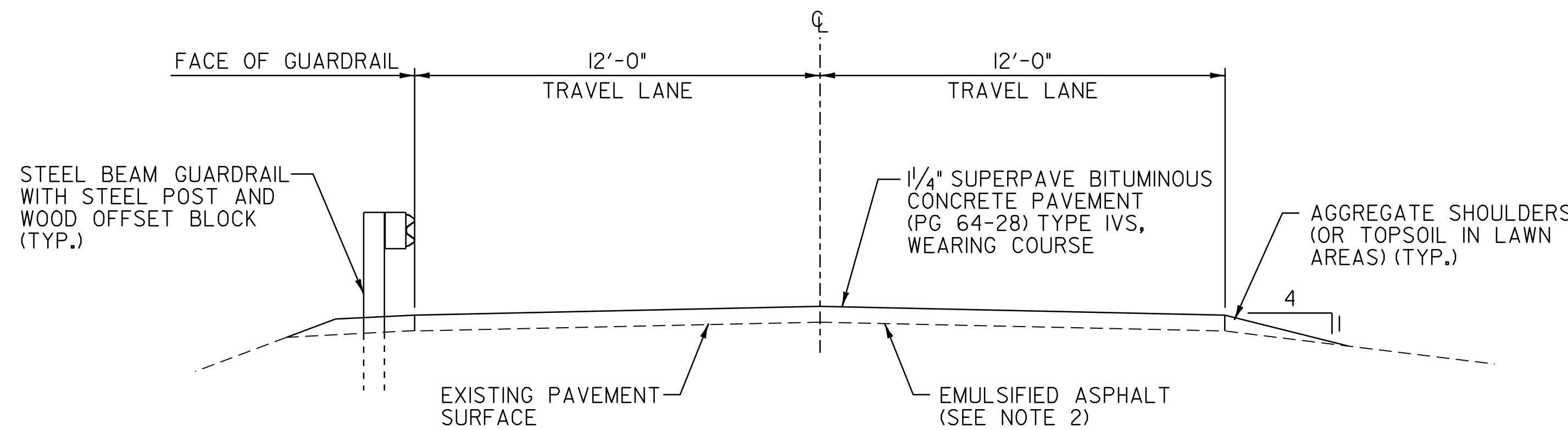
PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(1)S

FILE NAME: p99cl58.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99cl58ind.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 2 OF 68

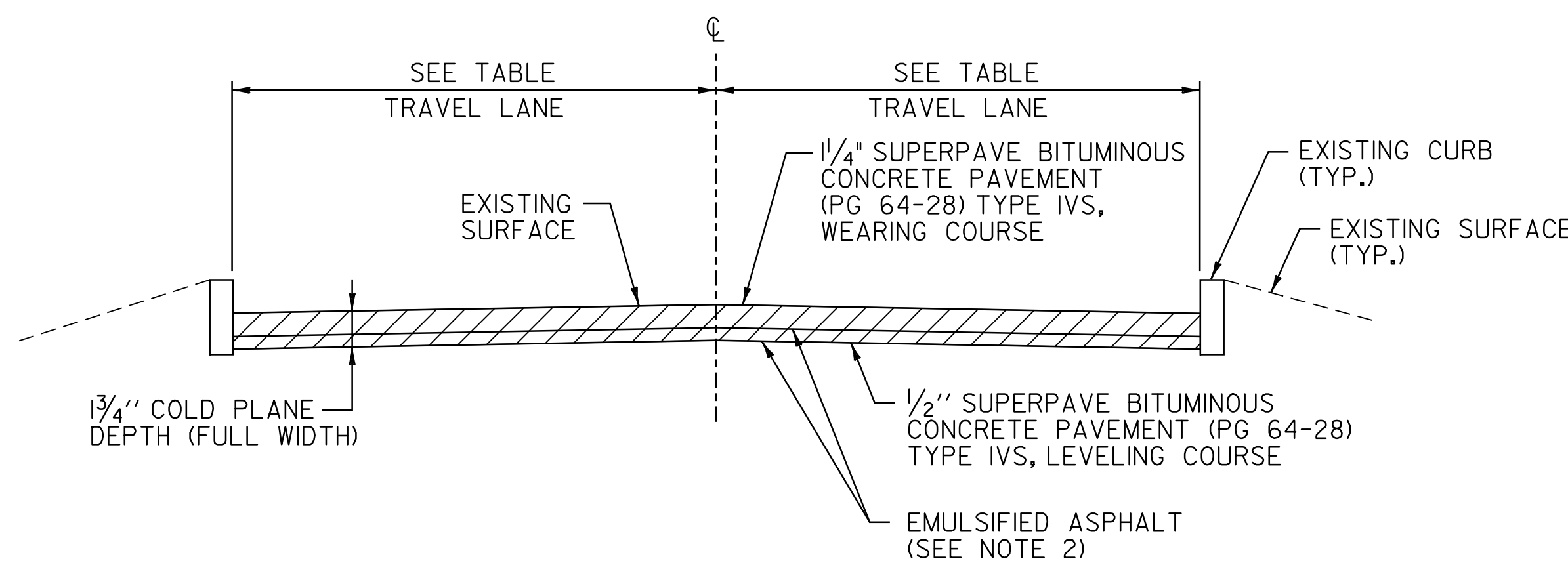
NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE (PG 64-28).
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
5. BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS AND AROUND DROP INLETS, ETC.) SHALL BE PAID FOR AT THE CONTRACT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
6. EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL, RAP AND 25 CUBIC YARDS OF EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
7. ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL DRIVEWAYS LOCATED IN AREAS THAT HAVE SIDEWALK SHALL BE PAVED TO THE EXISTING EDGE OF SIDEWALK AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
8. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED). EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
10. THE CONTRACTOR SHALL CONSTRUCT DRAINAGE SWALES ALONG THE EDGES OF PAVEMENT IN AREAS WHERE THE EXISTING GROUND IS SIGNIFICANTLY HIGHER OR LOWER THAN THE EXISTING PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER. ESTIMATED QUANTITIES OF ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I; ITEM 651.35 TOPSOIL; ITEM 651.15 SEED; ITEM 653.20 TEMPORARY EROSION MATTING HAVE BEEN INCLUDED FOR THE CONSTRUCTION OF THE SWALES.



MAINLINE TYPICAL SECTION

HISTORIC VT. ROUTE 7A STA. 127+19.52 TO HISTORIC VT. ROUTE 7A STA. 184+00.00



COLD PLANE TYPICAL SECTION

HISTORIC VT. ROUTE 7A STA. 184+00.00 TO HISTORIC VT. ROUTE 7A STA. 195+00.00
 HISTORIC VT. ROUTE 7A STA. 231+00.00 TO HISTORIC VT. ROUTE 7A STA. 269+54.00
 HISTORIC VT. ROUTE 30 STA. 0+00.00 TO HISTORIC VT. ROUTE 30 STA. 16+52.64

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
MANCHESTER						
HISTORIC VT. ROUTE 7A	127+19.52	184+00.00	12'-0" - 12'-0"	1 1/4"	-	PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	184+00.00	195+00.00	VARIES - SEE LAYOUT	1 1/4"	50	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	195+00.00	231+00.00	12'-0" - 12'-0"	1 1/4"	-	PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	231+00.00	239+00.00	VARIES - SEE LAYOUT	1 1/4"	66	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	239+00.00	253+40.00	12'-0" - 12'-0"	1 1/4"	117	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	253+40.00	254+95.00	VARIES - SEE LAYOUT	1 1/4"	15	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	254+95.00	255+30.00	VARIES - SEE LAYOUT	1 1/4"	-	BR 39 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
HISTORIC VT. ROUTE 7A	255+30.00	281+84.64	VARIES - SEE LAYOUT	1 1/4"	384	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE II						
VT. ROUTE II	0+00.00	2+04.00	VARIES - SEE LAYOUT	1 1/4"	30	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE II	2+04.00	12+25.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	143	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE II	12+25.00	12+65.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	-	BR 2 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
VT. ROUTE II	12+65.00	21+87.00	14'-0" - 11'-0" - 14'-0"	1 1/4"	130	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE II	21+87.00	29+67.36	2'-0" - 12'-0" - 11'-0" - 12'-0" - 2'-0"	1 1/4"	116	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30						
VT. ROUTE 30	0+00.00	1+85.00	VARIES - SEE LAYOUT	1 1/4"	24	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	1+85.00	8+50.00	13'-0" - 13'-0"	1 1/4"	87	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	8+50.00	15+90.00	VARIES - SEE LAYOUT	1 1/4"	74	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS
VT. ROUTE 30	15+90.00	16+25.00	1'-0" - 10'-0" - 10'-0" - 1'-0"	1 1/4"	-	BR 53 COLD PLANE 1", PAVE WITH 1 1/4" TYPE IVS
VT. ROUTE 30	16+25.00	16+52.64	VARIES - SEE LAYOUT	1 1/4"	2	COLD PLANE 1 3/4", LEVEL 1/2" TYPE IVS & PAVE 1 1/4" TYPE IVS

SEEDING FORMULA URBAN AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREeping RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	80.0			

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

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

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED APPLIED AT THE RATE OF 500 LBS/ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE 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.

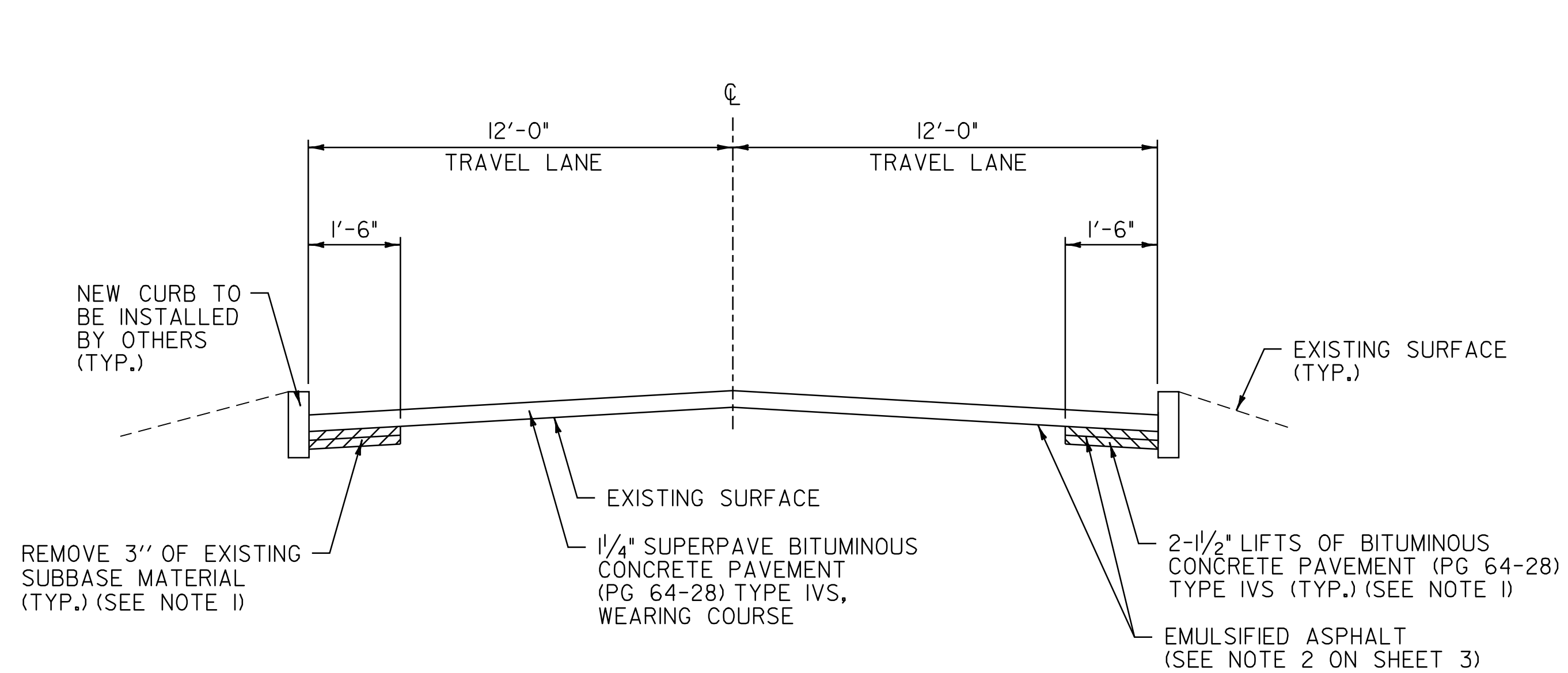
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PROJECT TYPICAL SHEET #1

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99cl58p.tyl.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 3 OF 68

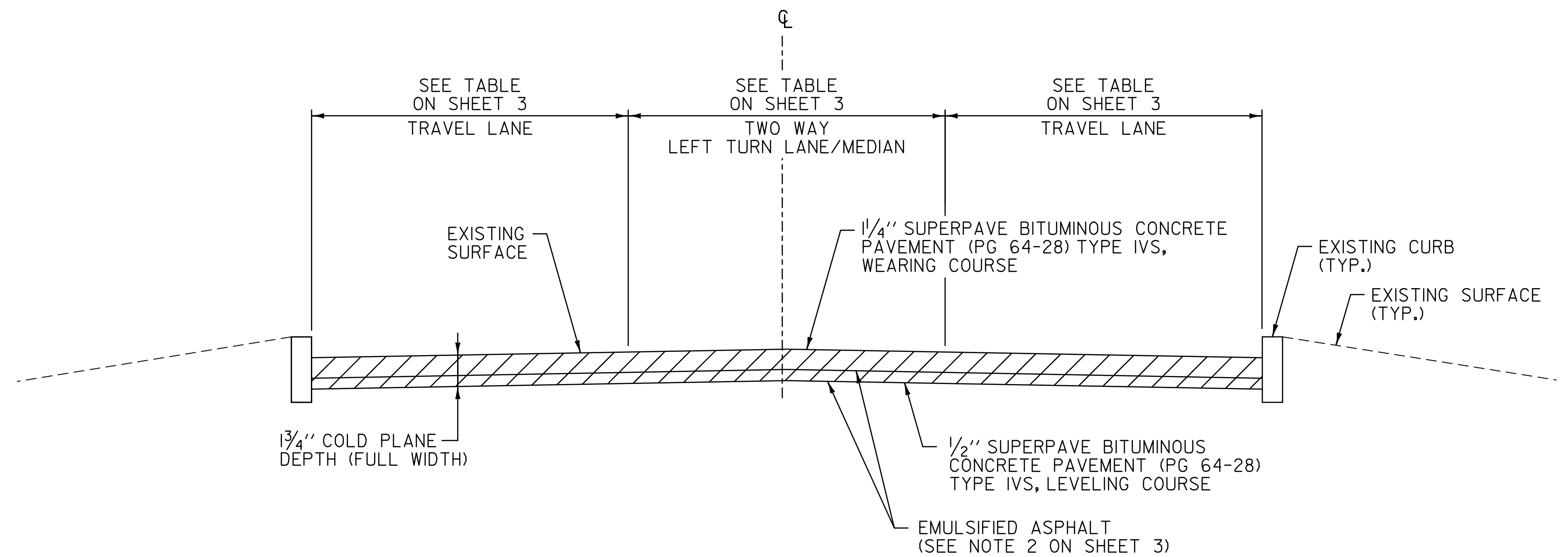


MAINLINE TYPICAL SECTION

HISTORIC VT. ROUTE 7A STA. 195+00.00 TO HISTORIC VT. ROUTE 7A STA. 231+00.00

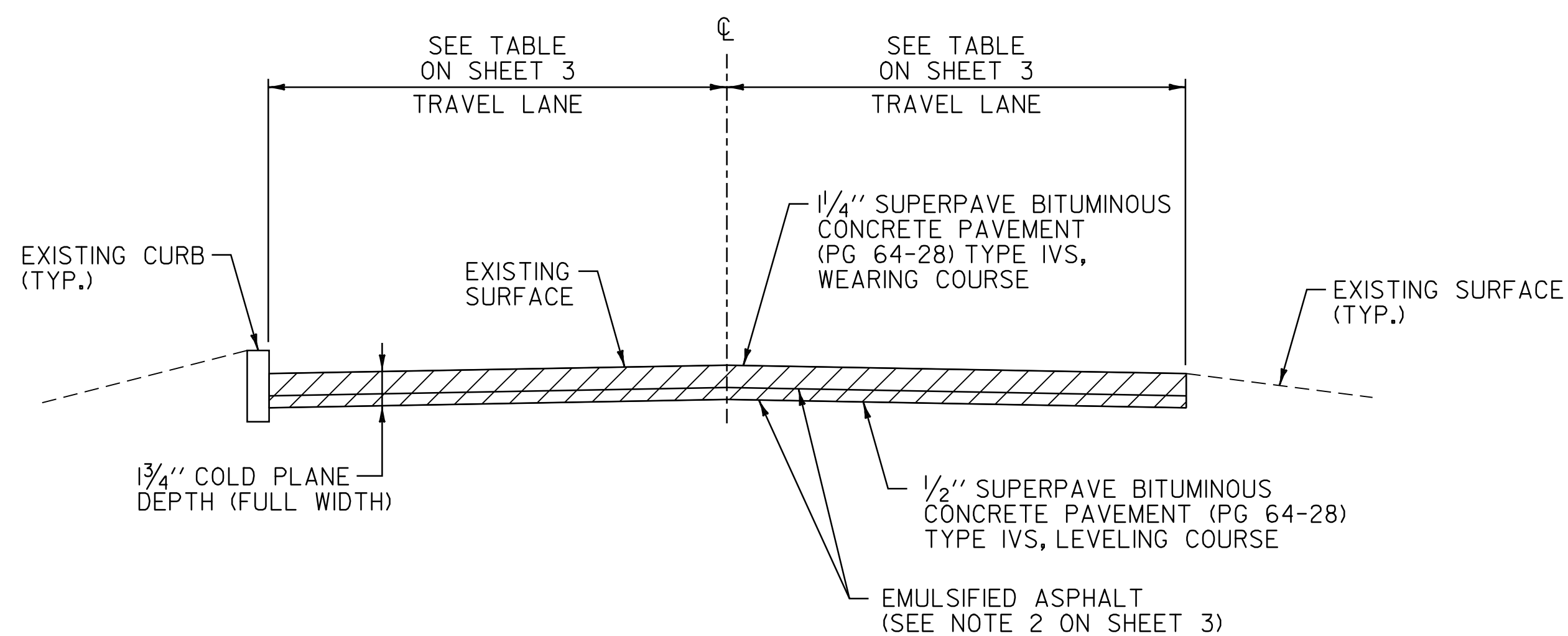
NOTE:

1. THE CONTRACTOR SHALL REMOVE 3" OF THE EXISTING SUBBASE MATERIAL PLACED DURING THE CURB INSTALLATION PERFORMED BY OTHERS AND REPLACE IT WITH 3" OF BITUMINOUS CONCRETE PAVEMENT TYPE IVS AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXCAVATION SHALL BE PAID FOR UNDER ITEM 203.15 COMMON EXCAVATION AND THE PLACEMENT OF BITUMINOUS CONCRETE PAVEMENT SHALL BE PAID FOR UNDER ITEM 900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT, SURFACE PREPARATION) (PG 64-28).



COLD PLANE TYPICAL SECTION WITH CURB

VT. ROUTE II STA. 0+00.00 TO VT. ROUTE II STA. 29+67.36



COLD PLANE TYPICAL SECTION WITH CURB ON LEFT

HISTORIC VT. ROUTE 7A STA. 269+54.00 TO HISTORIC VT. ROUTE 7A STA. 281+84.64

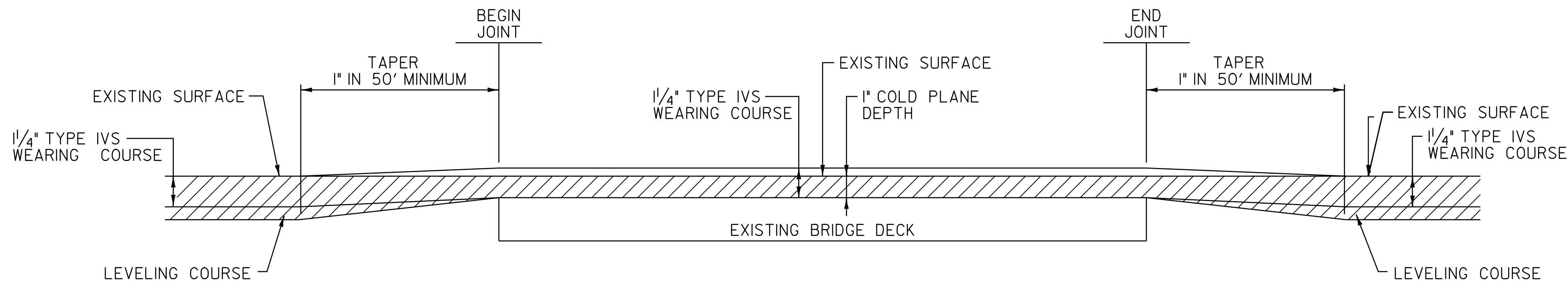
NOT TO SCALE

**PROJECT
TYPICAL
SHEET #2**

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99cl58pty2.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 4 OF 68

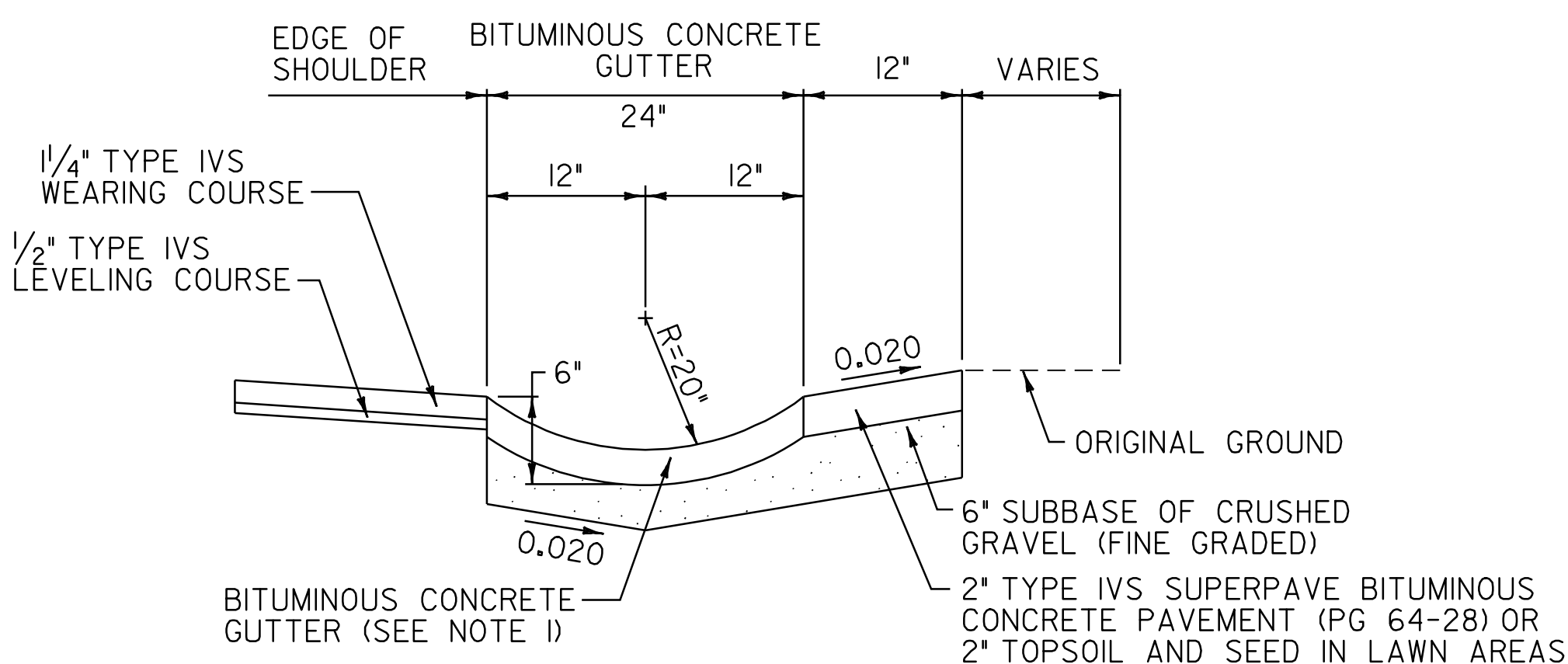


BRIDGE TRANSITION AREA DETAIL

BR 2 VT. ROUTE II STA. 12+25.00 TO VT. ROUTE II STA. 12+65.00
 BR 39 HISTORIC VT. ROUTE 7A STA. 254+95.00 TO HISTORIC VT. ROUTE 7A STA. 255+30.00
 BR 53 VT. ROUTE 30 STA. 15+90.00 TO VT. ROUTE 30 STA. 16+25.00

NOTE:

THE CONTRACTOR MUST USE CARE WHEN COLD PLANING BR 2, BR 39 AND BR 53 AS NOT TO DAMAGE THE BRIDGE MEMBRANE. IF DAMAGE TO THIS MEMBRANE SHOULD OCCUR DURING THE COLD PLANING OF BR 2, BR 39 OR BR 53 AS DETERMINED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL REPAIR THE BRIDGE MEMBRANE AT NO COST TO THE STATE.

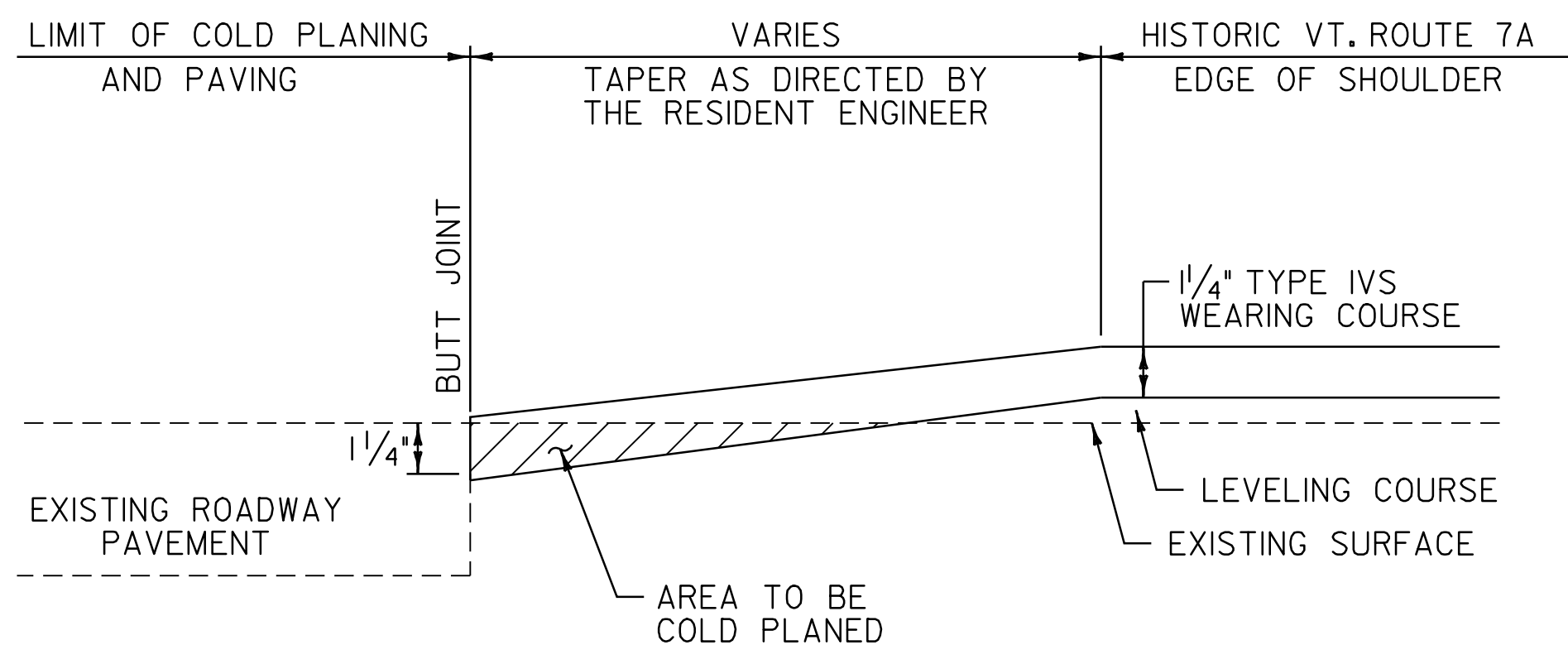


BITUMINOUS CONCRETE GUTTER DETAIL

HISTORIC VT. ROUTE 7A:
 STA. 164+00.0 - STA. 170+03.0 LT (15.1 TON)
 STA. 212+19.0 - STA. 212+58.0 LT (1.0 TON)
 STA. 269+05.0 - STA. 269+09.0 RT (0.1 TON)

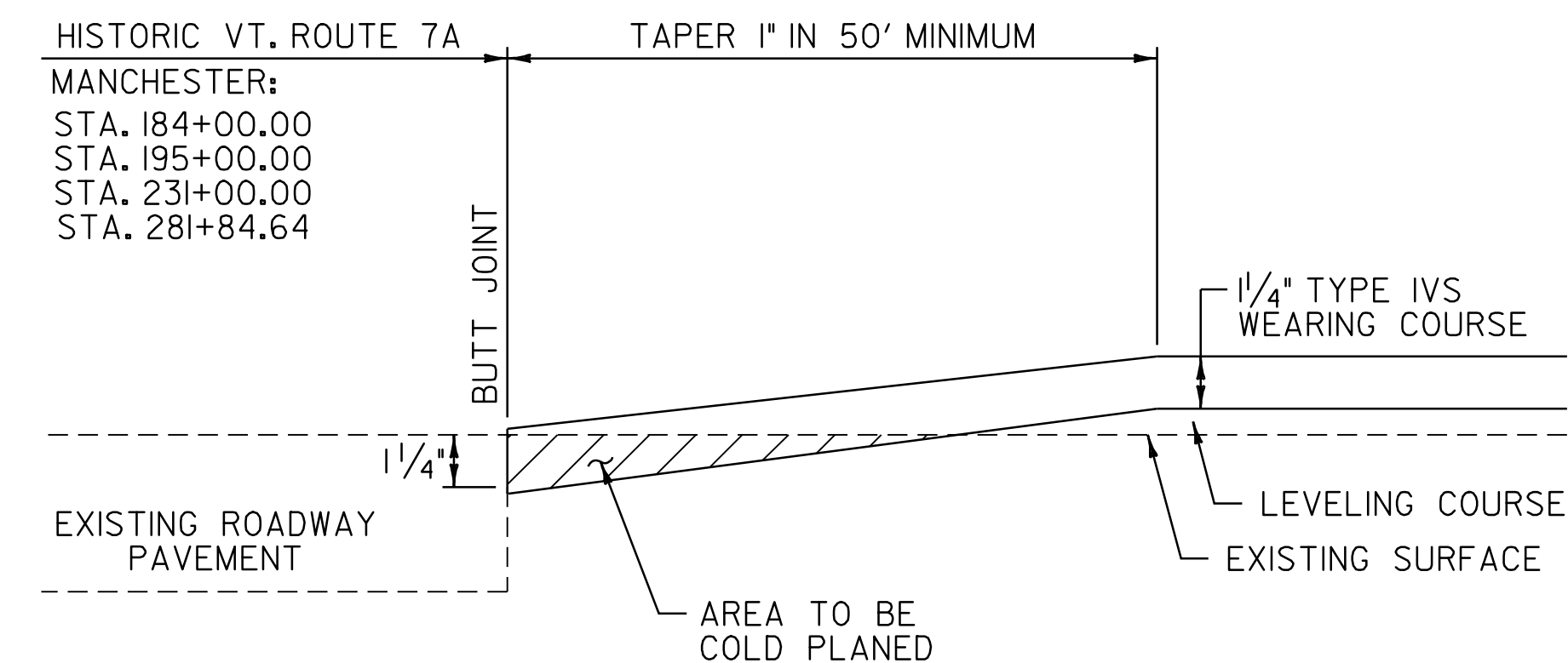
NOTE:

1. BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-2" TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



APPROACH AREA DETAIL

HISTORIC VT. ROUTE 7A:
 PROSPECT STREET STA. 135+06.24
 RIVER ROAD STA. 170+22.72
 TACONIC ROAD STA. 172+86.72
 SHEPARDS LANE STA. 206+92.32
 LONG VIEW DRIVE STA. 230+57.76



APPROACH AREA DETAIL

HISTORIC VT. ROUTE 7A: STA. 184+00.00 - BEGIN COLD PLANING
 HISTORIC VT. ROUTE 7A: STA. 195+00.00 - END COLD PLANING
 HISTORIC VT. ROUTE 7A: STA. 231+00.00 - BEGIN COLD PLANING
 HISTORIC VT. ROUTE 7A: STA. 281+84.64 - END PROJECT

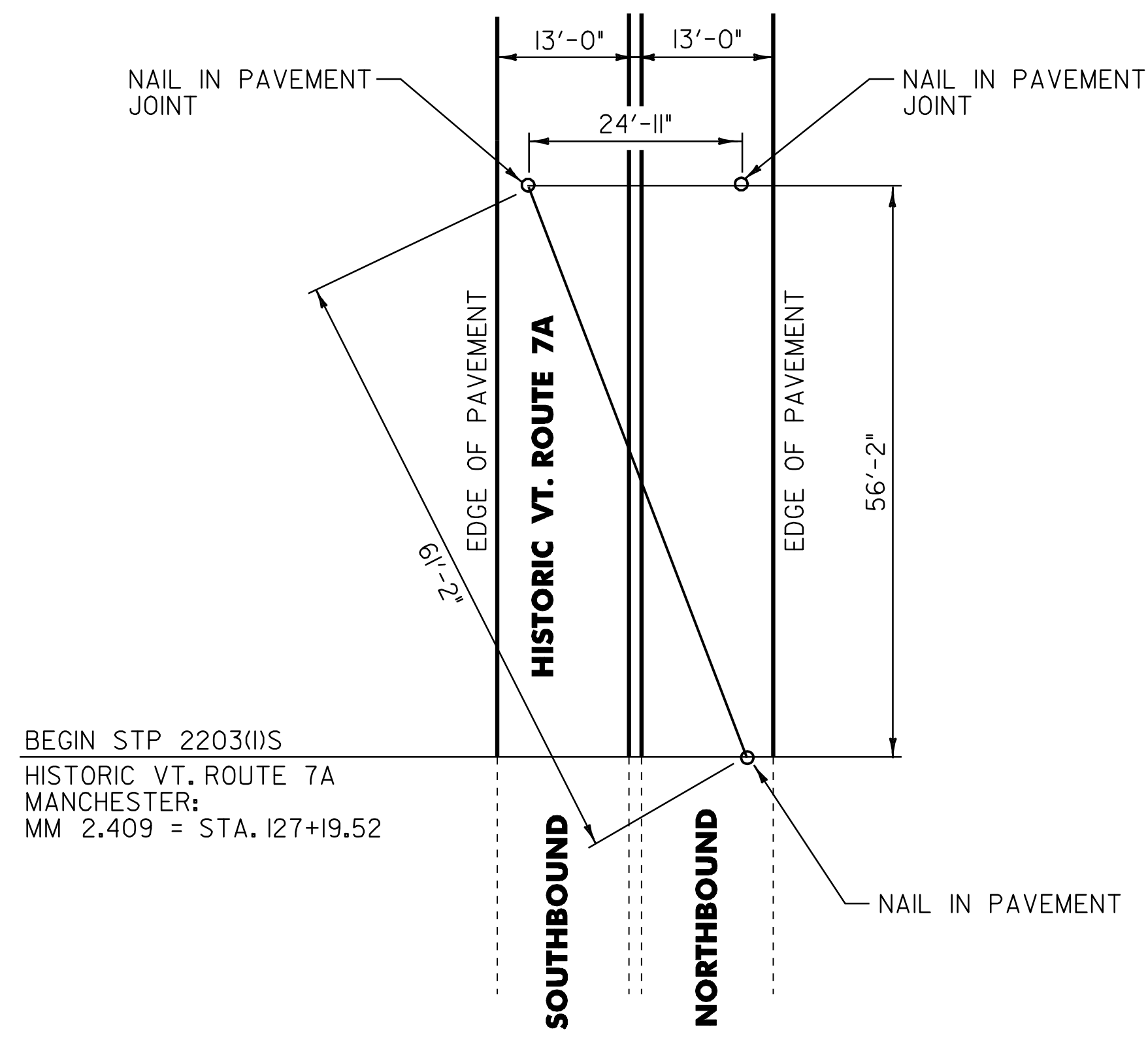
NOT TO SCALE

**PAVING
DETAILS
SHEET**

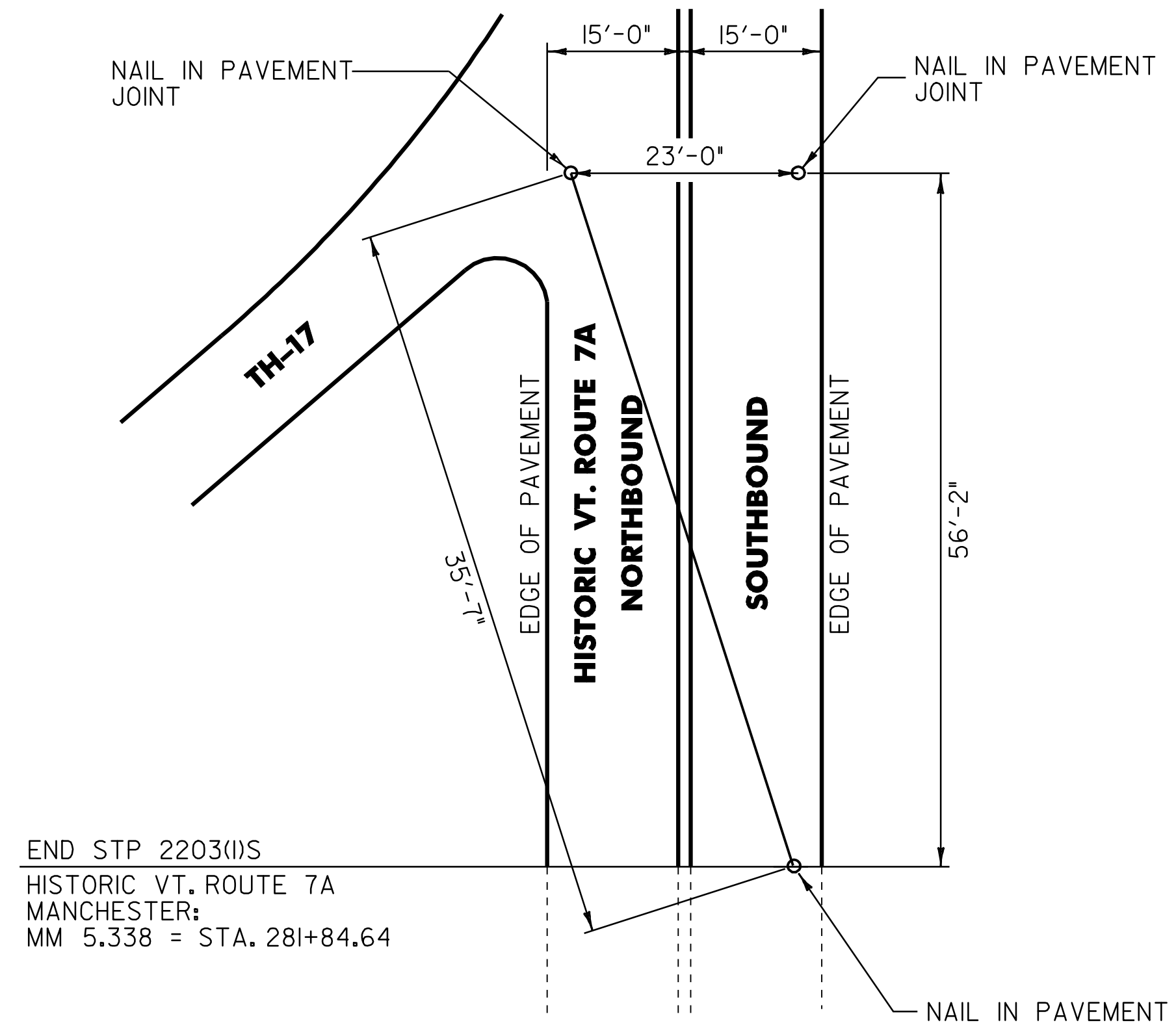
PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99cl58pd.i

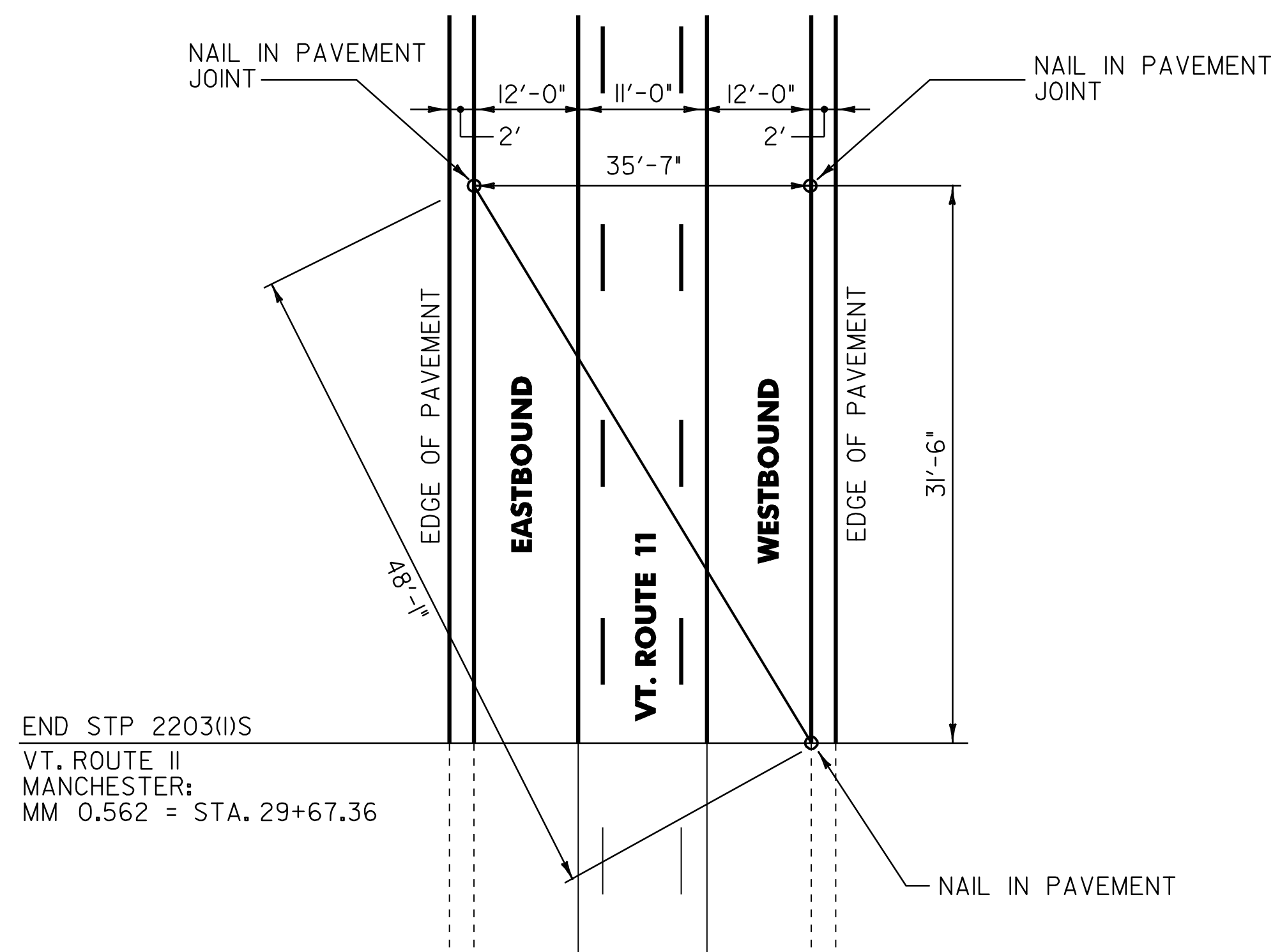
PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 5 OF 68



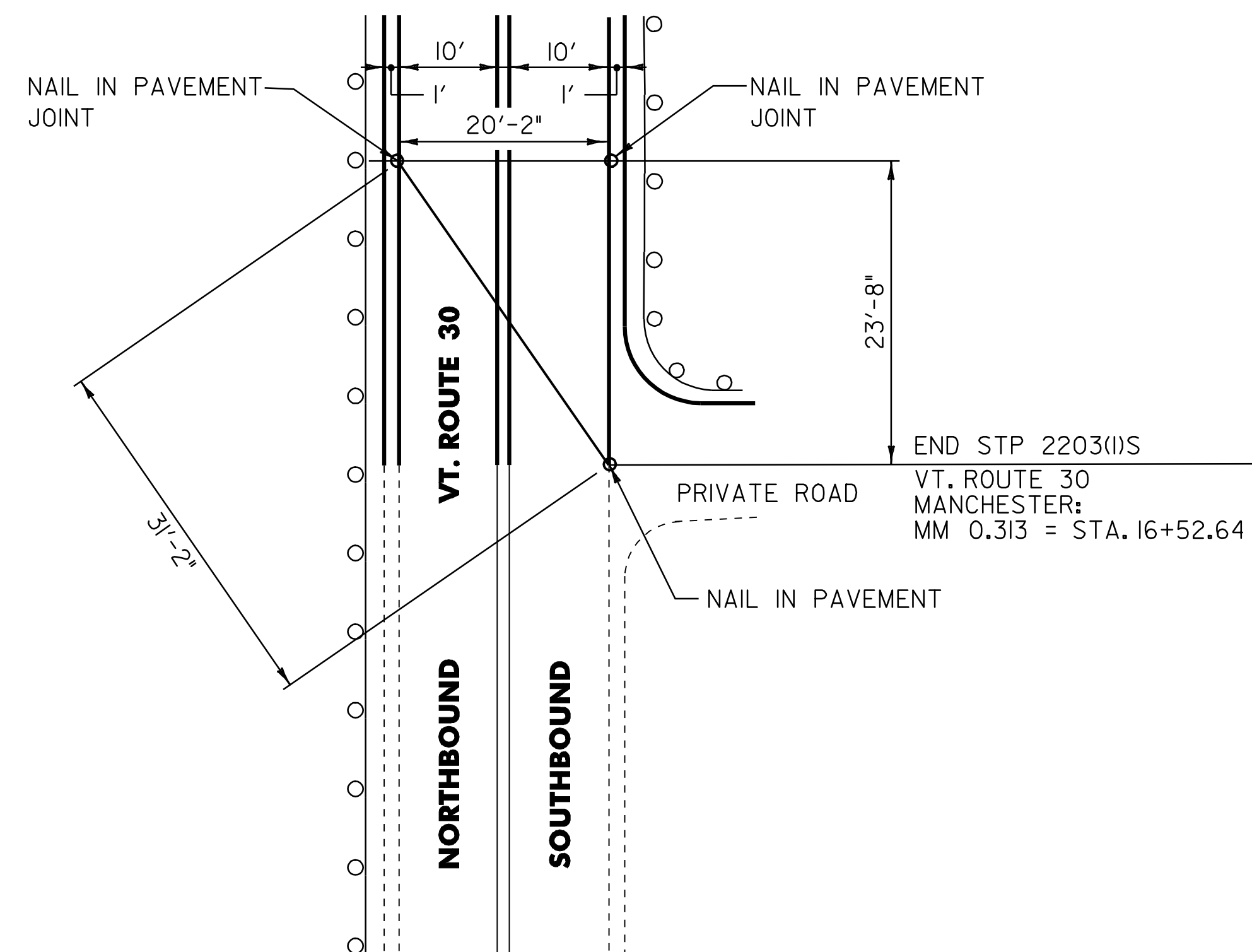
**BEGIN PROJECT
LOCATION TIES
HISTORIC VT. ROUTE 7A**



**END PROJECT
LOCATION TIES
HISTORIC VT. ROUTE 7A**



**END PROJECT
LOCATION TIES
VT. ROUTE 11**



**END PROJECT
LOCATION TIES
VT. ROUTE 30**

NOT TO SCALE

**PROJECT
TIE
SHEET**

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99cl58pts.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 6 OF 68

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL (GALVANIZED)							MISCELLANEOUS									REMARKS
BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.21	621.50	621.60	621.80	203.15	301.28	604.412	616.28	616.47	618.10	618.30	676.10	900.680	
HISTORIC VT. ROUTE	7A:		EARTH BORROW CY	AGGREGATE SHOULDERS, RAP TON	STEEL BEAM G.R. LF	HD STEEL BEAM G.R., GALV. LF	MANUF. TERM. SECTION, FLARED EA	ANCHOR FOR S.B. RAIL EA	REMOVE & DISP. G.R. LF	COMMON EXCAVAT. CY	SUBBASE OF CRUSHED GRAVEL TON	REHAB. DI, CB, OR MH CLASS I EA	CAST IN PLACE PCC CURB TYPE B LF	BIT. CONC. GUTTER & TRAF. ISLAND TON	P. C. C. SIDEWALK 5 IN SY	DETECTABLE WARNING SURFACE SY	DELINEATOR WITH STEEL POST EA	SPECIAL PROVISION TON	
				479							72.0								SPOT REPAIR AS DIRECTED BY THE RESIDENT ENGINEER.
153+90.0	156+40.0	LT	50	10	175.0		2		239.0								2		INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED BETWEEN STA. 153+90.0 TO STA. 154+27.5 & STA. 156+02.5 TO STA. 156+40.0.
164+00.0	170+03.0	LT											15.1						CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
170+03.0		LT										1							
170+18.0	171+99.0	RT	50	10	118.5		2										2		INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED BETWEEN STA. 170+18.0 TO STA. 170+55.5 & STA. 171+61.5 TO STA. 171+99.0.
170+97.0	172+24.0	LT	25	5	102.0		1	1									1		INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED BETWEEN STA. 171+86.5 TO STA. 172+24.0. PROVIDE ANCHOR AT STA. 170+97.0. SEE VAOT STANDARD G-ID.
172+51.0		LT										1							
173+79.0		LT										1							
177+ 11.0		LT										1							
180+87.0		LT										1							
184+20.0		LT										1							
186+91.0		LT										1							
188+45.0		RT										1							
188+55.0		LT														1.1			INSTALL DETECTABLE WARNING SURFACE.
188+55.0		RT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 1.
188+93.0		RT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE.
188+95.0		RT										1							
188+96.0		RT								1.7	1.8		14		5.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE.
190+88.0		RT								1.7	1.8		14		5.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE.
190+88.0		LT								1.7	1.8		14		5.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE.
193+77.0		RT								1.7	1.8		14		5.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE.
193+77.0		LT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.
193+80.0		LT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE.
194+08.0		LT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE.
195+00.0	231+00.0	LT/RT								100.0								200.0	REMOVE EXISTING SUBBASE MATERIAL ALONG FACE OF CURB AND REPLACE WITH 3' BITUMINOUS CONCRETE PAVEMENT TYPE IVS.
201+67.0		LT										1							
201+67.0		RT										1							
212+19.0	212+58.0	LT												1.0					CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
212+24.0	212+93.0	LT			87.5			2											PROVIDE ANCHOR AT STA. 212+24.0 AND STA. 212+93.0. SEE VAOT STANDARD G-ID.
213+18.0		RT										1							
218+49.0		RT										1							
219+89.0		RT										1							
223+39.0		RT										1							
230+33.0		RT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE.
230+76.0		RT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE.
231+31.0		RT								3.2	3.6		14		10.6	1.1			CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.
231+31.0		LT								0.9	1.0		-		2.8	1.1			CONSTRUCT LEVEL LANDING SURFACE WITH DETECTABLE WARNING SURFACE.
SHEET SUBTOTAL			125	504	483.0	-	5	3	239.0	133.3	109.0	15	168	16.1	110.0	15.4	5	200.0	

**ITEM
DETAIL
SUMMARY
SHEET #1**

PROJECT NAME: MANCHESTER	
PROJECT NUMBER: STP 2203(1)S	
FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p99c158idl.i	SHEET 10 OF 68

ITEM DETAIL SUMMARY SHEET 2

LOCATION		GUARDRAIL (GALVANIZED)							MISCELLANEOUS							REMARKS		
BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.21	621.50	621.60	621.80	203.15	301.28	604.412	616.28	616.47	618.10		618.30	676.10
			EARTH BORROW CY	AGGREGATE SHOULDERS, RAP TON	STEEL BEAM G.R. LF	HD STEEL BEAM G.R., GALV. LF	MANUF. TERM. SECTION, FLARED EA	ANCHOR FOR S.B. RAIL EA	REMOVE & DISP. G.R. LF	COMMON EXCAVAT. CY	SUBBASE OF CRUSHED GRAVEL TON	REHAB. DI. OB. OR MH. CLASS I EA	CAST IN PLACE PCC CURB TYPE B LF	BIT. CONC. GUT. & TRAF. ISLAND TON	P.C.C. SIDEWALK 5 IN SY		DETECTABLE WARNING SURFACE SY	DELINEATOR WITH STEEL POST EA
HISTORIC VT. ROUTE 7A:																		
237+30.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
237+30.0		LT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
237+30.0		RT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
237+30.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
237+80.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
237+95.0		RT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+05.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
238+05.0		RT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+20.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
238+20.0		LT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+30.0		LT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+45.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
238+70.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
238+70.0		LT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+70.0		RT														1.1	INSTALL DETECTABLE WARNING SURFACES AT MEDIAN ISLAND CUT THROUGH	
238+70.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
240+74.0		LT											1					
243+04.0		LT											1					
243+94.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
243+94.0		LT								1.7	1.8		14		5.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE	
244+53.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
245+00.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
245+00.0		RT											1					
245+20.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
245+23.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
250+30.0		LT								1.7	1.8		14		5.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE	
250+30.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
251+99.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
251+99.0		LT								1.7	1.8		14		5.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 2 WITH DETECTABLE WARNING SURFACE	
252+75.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
252+95.0		RT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
253+85.0		RT											1					
253+97.0		RT											1					
254+26.0		LT											1					
255+90.0		RT											1					
256+27.0		LT											1					
256+30.0		RT											1					
257+95.0		RT											1					
SHEET SUBTOTAL			-	-	-	-	-	-	-	59.5	66.6	10	280	-	197.0	30.8	-	

ITEM DETAIL SUMMARY SHEET #2	PROJECT NAME: MANCHESTER	
	PROJECT NUMBER: STP 2203(I)S	
	FILE NAME: p99cl58.dgn	PLOT DATE: 09-MAY-2008
	DESIGNED BY: M.J.M.	DRAWN BY: C.A.K.
	IPARM FILE: p99cl58id2.i	CHECKED BY: D.W.E.
		SHEET 11 OF 68

ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL (GALVANIZED)							MISCELLANEOUS							REMARKS	
BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.21	621.50	621.60	621.80	203.15	301.28	604.412	616.28	616.47	618.10	618.30		676.10
			EARTH BORROW	AGGREGATE SHOULDERS, RAP	STEEL BEAM G.R.	HD STEEL BEAM G.R., GALV.	MANUF. TERM. SECTION, FLARED	ANCHOR FOR S.B. RAIL	REMOVE & DISP. G.R.	COMMON EXCAVAT.	SUBBASE OF CRUSHED GRAVEL	REHAB. DI. OB. OR MH. CLASS I	CAST IN PLACE PCC CURB TYPE B	BIT. CONC. GUT. & TRAF. ISLAND	P.C.C. SIDEWALK 5 IN	DETECTABLE WARNING SURFACE		DELINEATOR WITH STEEL POST
			CY	TON	LF	LF	EA	EA	LF	CY	TON	EA	LF	TON	SY	SY	EA	
HISTORIC VT. ROUTE 7A:																		
258+03.0		LT																
258+73.0		RT																
258+96.0		LT																
259+76.5		LT																
259+97.0		LT																
260+26.0		RT																
260+52.0		LT																
261+12.0		LT																
261+13.0		RT																
261+70.0		RT																
261+87.0		LT																
262+17.0		RT																
262+33.0		LT																
262+40.0		LT																
262+48.0		RT																
265+28.0		RT																
265+53.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
265+95.0		RT								1.7	1.8		14		5.6	1.1	CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
265+95.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
267+09.0		LT																
269+04.0		RT																
269+05.0	269+09.0	RT												0.1			CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.	
269+26.0		LT																
270+18.0		RT																
273+59.0		LT																
273+70.0		RT																
274+95.0		LT																
275+93.0		LT																
277+12.0		LT																
281+58.0		LT																
VT. ROUTE 11:																		
0+00.0	29+67.36	LT/RT		35							14.0						SPOT REPAIR AS DIRECTED BY THE RESIDENT ENGINEER.	
1+02.0		RT																
2+94.0		RT																
4+32.0		LT																
4+32.0		RT																
4+55.0		LT								3.2	3.6		14		10.6	1.1	CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
SHEET SUBTOTAL			-	35	-	-	-	-	-	11.3	26.6	30	56	0.1	37.4	4.4	-	

**ITEM
DETAIL
SUMMARY
SHEET #3**

PROJECT NAME: MANCHESTER	
PROJECT NUMBER: STP 2203(1)S	
FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p99c1581d3.1	SHEET 12 OF 68

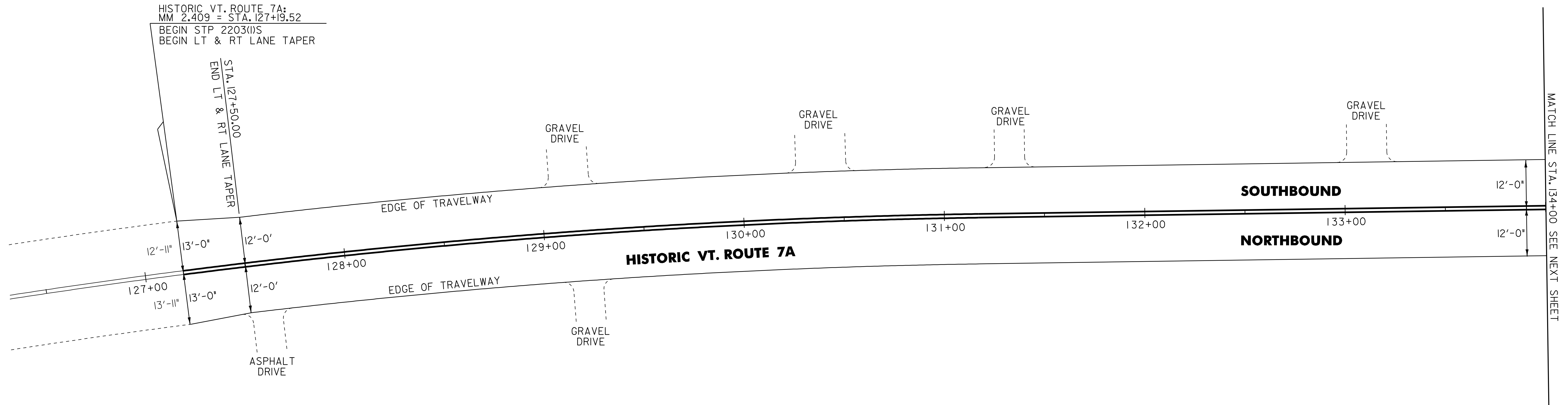
ITEM DETAIL SUMMARY SHEET 4

LOCATION		GUARDRAIL (GALVANIZED)							MISCELLANEOUS							REMARKS			
BEGIN STATION	END STATION	POS.	203.30	402.13	621.20	621.21	621.50	621.60	621.80	203.15	301.28	604.412	616.28	616.47	618.10		618.30	676.10	
			EARTH BORROW	AGGREGATE SHOULDERS, RAP	STEEL BEAM G.R.	HD STEEL BEAM G.R., GALV.	MANUF. TERM. SECTION, FLARED	ANCHOR FOR S.B. RAIL	REMOVE & DISP. G.R.	COMMON EXCAVAT.	SUBBASE OF CRUSHED GRAVEL	REHAB. DI. OR MH. CLASS I	CAST IN PLACE PCC CURB TYPE B	BIT. CONC. GUT. & TRAF. ISLAND	P.C.C. SIDEWALK 5 IN		DETECTABLE WARNING SURFACE	DELINEATOR WITH STEEL POST	
			CY	TON	LF	LF	EA	EA	LF	CY	TON	EA	LF	TON	SY	SY	EA		
VT. ROUTE 11:																			
4+55.0		RT								3.2	3.6		14			10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
4+84.0		RT								3.2	3.6		14	-	10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
4+97.0		RT											1						
6+78.0		RT											1						
6+78.0		LT											1						
9+02.0		RT											1						
9+02.0		LT											1						
11+52.0		RT											1						
11+52.0		LT											1						
11+70.0		RT								3.2	3.6		14		10.6	1.1		RECONSTRUCT EXISTING SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
12+18.0		RT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
14+03.0		RT											1						
14+22.0		LT											1						
14+80.0		RT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
14+80.0		LT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
16+43.0		LT											1						
16+43.0		RT											1						
18+27.0		RT											1						
18+42.0		LT											1						
19+30.0		LT											1						
20+03.0		RT											1						
21+46.0		LT											1						
21+46.0		RT											1						
23+84.0		LT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
24+57.0		LT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
24+59.0		RT								1.7	1.8		14		5.6	1.1		CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
24+81.0		LT											1						
26+00.0		RT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 1 WITH DETECTABLE WARNING SURFACE	
26+32.0		LT											1						
27+00.0		LT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.	
27+02.0		RT								3.2	3.6		14		10.6	1.1		CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE	
27+15.0		LT											1						
27+15.0		RT											1						
VT. ROUTE 30:																			
0+00.0	16+52.64	LT/RT		20							8.0							SPOT REPAIR AS DIRECTED BY THE RESIDENT ENGINEER.	
0+65.6		LT											1						
1+30.0		RT											1						
1+53.0		LT											1						
SHEET SUBTOTAL				20						36.8	49.4	24	168		122.2	13.2			

**ITEM
DETAIL
SUMMARY
SHEET #4**

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(1)S	DRAWN BY: C.A.K.
FILE NAME: p99cl58.dgn	CHECKED BY: D.W.E.
PROJECT LEADER: D.E.G.	SHEET 13 OF 68
DESIGNED BY: M.J.M.	
IPARM FILE: p99cl58id4.i	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 127+19.52 - STA. 134+00.00, DOUBLE SOLID C/L



NOT TO SCALE

PROJECT LAYOUT SHEET #1	PROJECT NAME: MANCHESTER	
	PROJECT NUMBER: STP 2203(I)S	
	FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.	
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.	
IPARM FILE: p99c158101.l	SHEET 15 OF 68	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
 STA. 134+00.00 - STA. 141+00.00, DOUBLE SOLID C/L
 STA. 135+06.24 DOUBLE SOLID LT, PROSPECT STREET

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE

HISTORIC VT. ROUTE 7A:
 STA. 135+06.24 LT, PROSPECT STREET

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

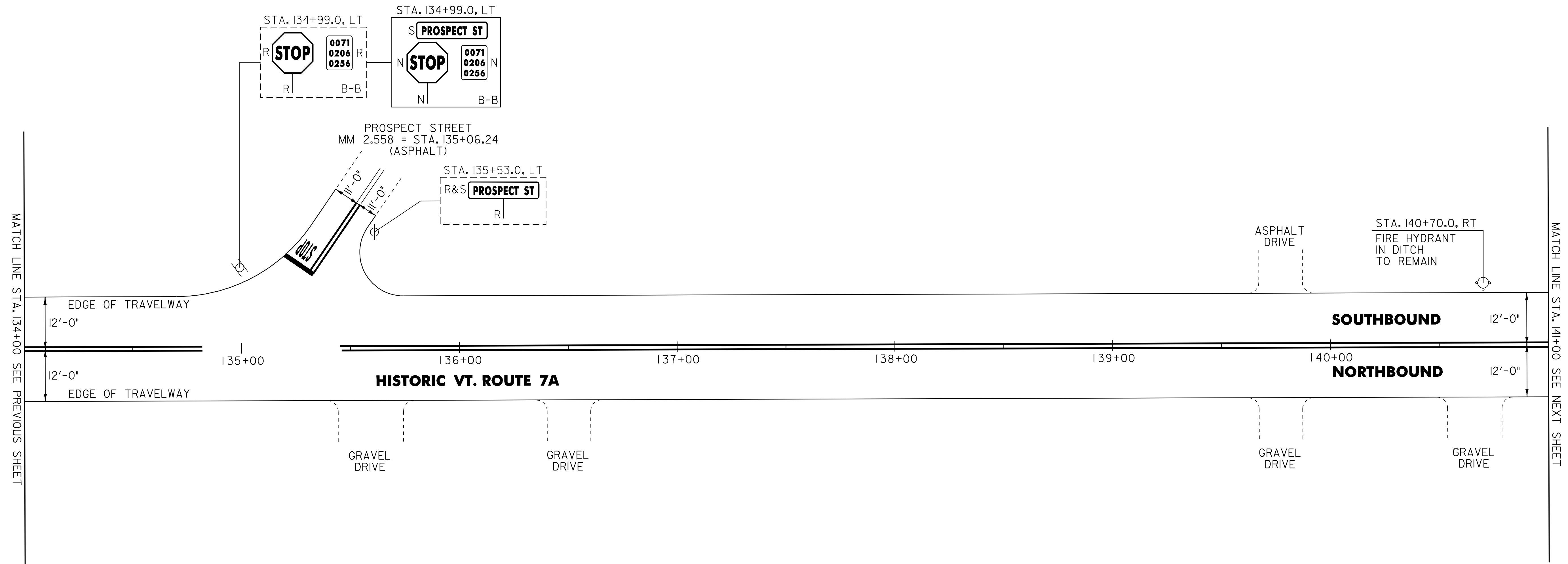
HISTORIC VT. ROUTE 7A:
 STA. 135+06.24 LT, PROSPECT STREET "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS

AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



NOTE:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A 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 = _____

NOT TO SCALE

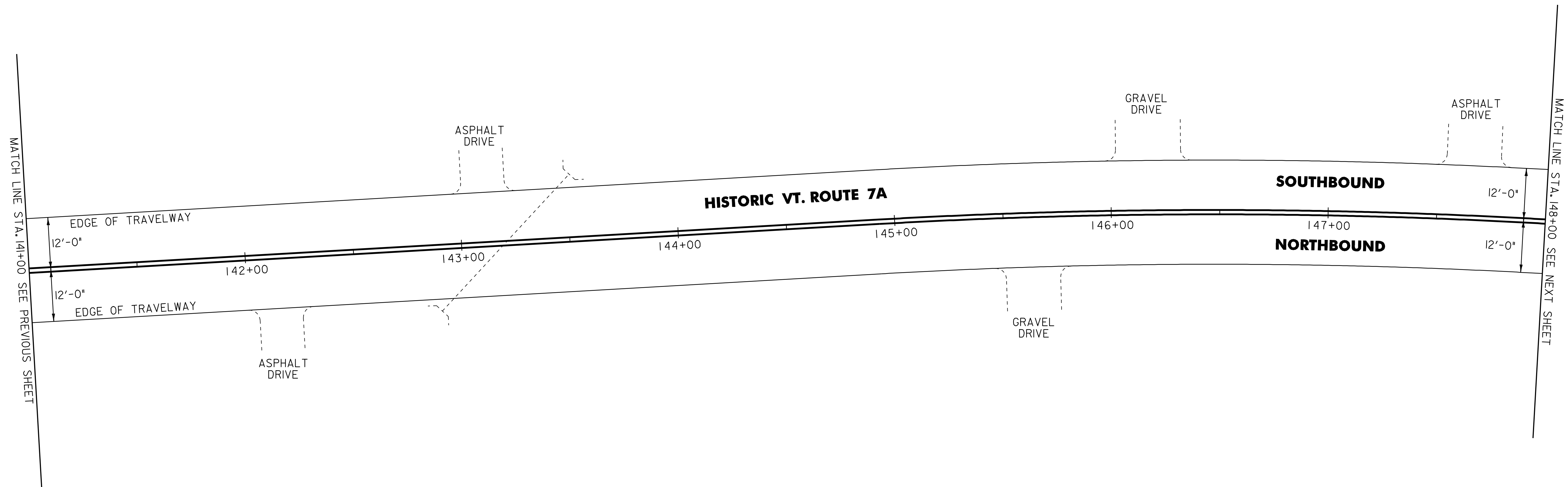
PROJECT LAYOUT SHEET #2

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(1)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158102.1

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 16 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 141+00.00 - STA. 148+00.00, DOUBLE SOLID C/L



NOT TO SCALE

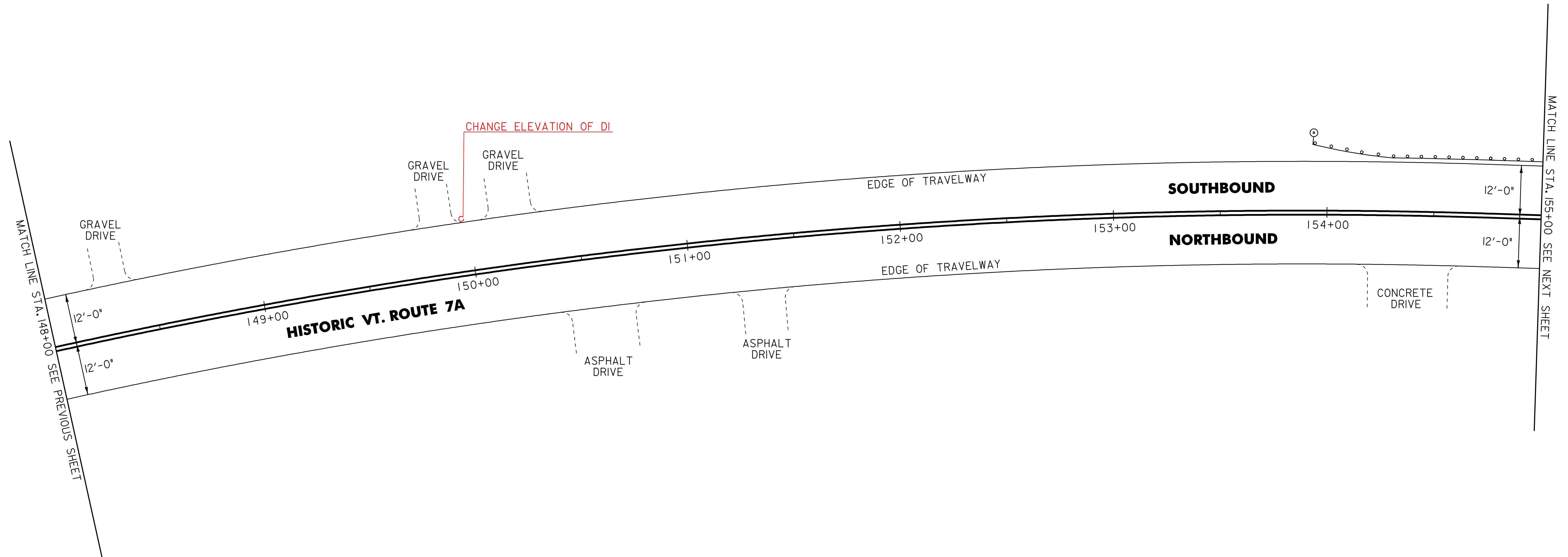
**PROJECT
LAYOUT
SHEET #3**

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99cl58103.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 17 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 148+00.00 - STA. 155+00.00 DOUBLE SOLID C/L



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 HISTORIC VT. ROUTE 7A:
 STA. 154+27.5 - STA. 155+00.0 LT (72.5 LF)

604.40 CHANGING ELEV. OF DI, CB, OR MH
 HISTORIC VT. ROUTE 7A:
 STA. 149+95 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
 HISTORIC VT. ROUTE 7A:
 STA. 153+90.0 - STA. 154+27.5 LT

604.412 REHAB DROP INLET, CATCH BASIN, OR MANHOLE, CLASS 1
 HISTORIC VT. ROUTE 7A:
 STA. 150+37 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 HISTORIC VT. ROUTE 7A:
 STA. 154+01.0 - STA. 155+00.0 LT (99.0 LF)
 676.10 DELINEATOR WITH STEEL POST
 ☉ TYPE 1 WHITE

HISTORIC VT. ROUTE 7A:
 STA. 153+90.0 LT

NOT TO SCALE

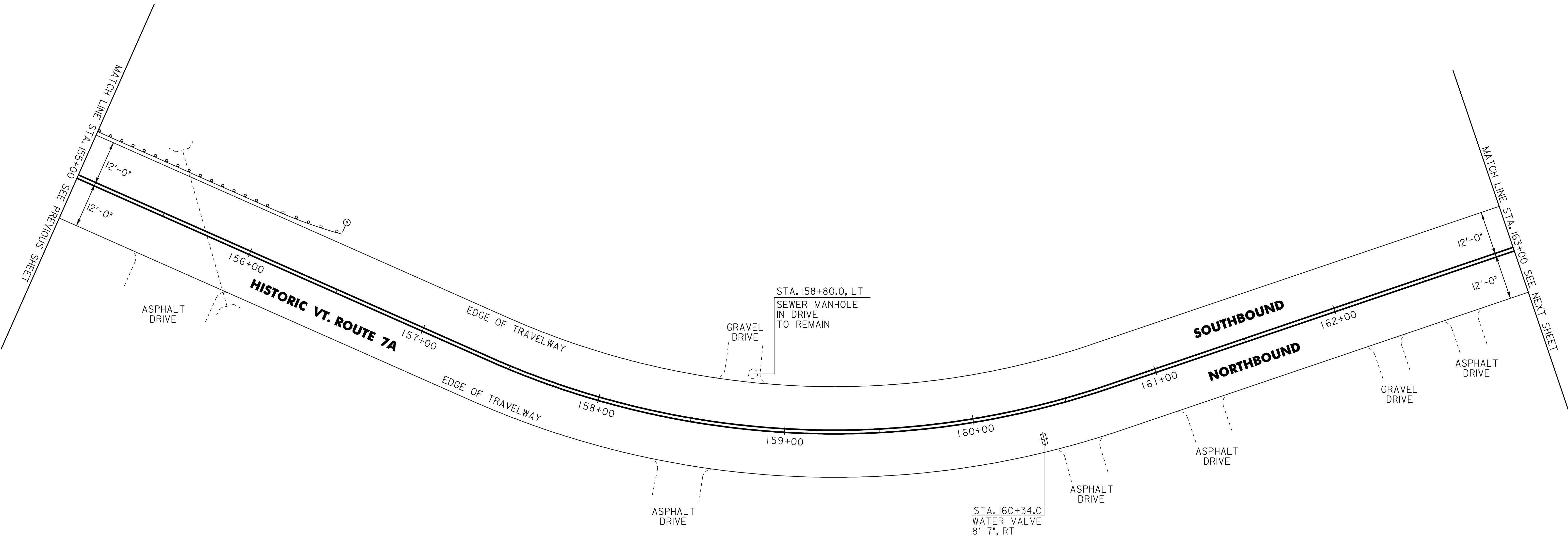
**PROJECT
 LAYOUT
 SHEET #4**

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(1)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158104.l

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 18 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 155+00.00 - STA. 163+00.00 DOUBLE SOLID C/L



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

HISTORIC VT. ROUTE 7A:
 STA. 155+00.0 - STA. 156+02.5 LT (102.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

HISTORIC VT. ROUTE 7A:
 STA. 156+02.5 - STA. 156+40.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

HISTORIC VT. ROUTE 7A:
 STA. 155+00.0 - STA. 156+40.0 LT (140.0 LF)

629.20 ADJUST ELEVATION OF VALVE BOX

HISTORIC VT. ROUTE 7A:
 STA. 160+34.0 RT

676.10 DELINEATOR WITH STEEL POST

☉ TYPE 1 WHITE

HISTORIC VT. ROUTE 7A:
 STA. 156+40.0 LT

NOT TO SCALE

PROJECT LAYOUT SHEET #5	PROJECT NAME: MANCHESTER	
	PROJECT NUMBER: STP 2203(1)S	
	FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.	
IPARM FILE: p99c158105.1		SHEET 19 OF 68

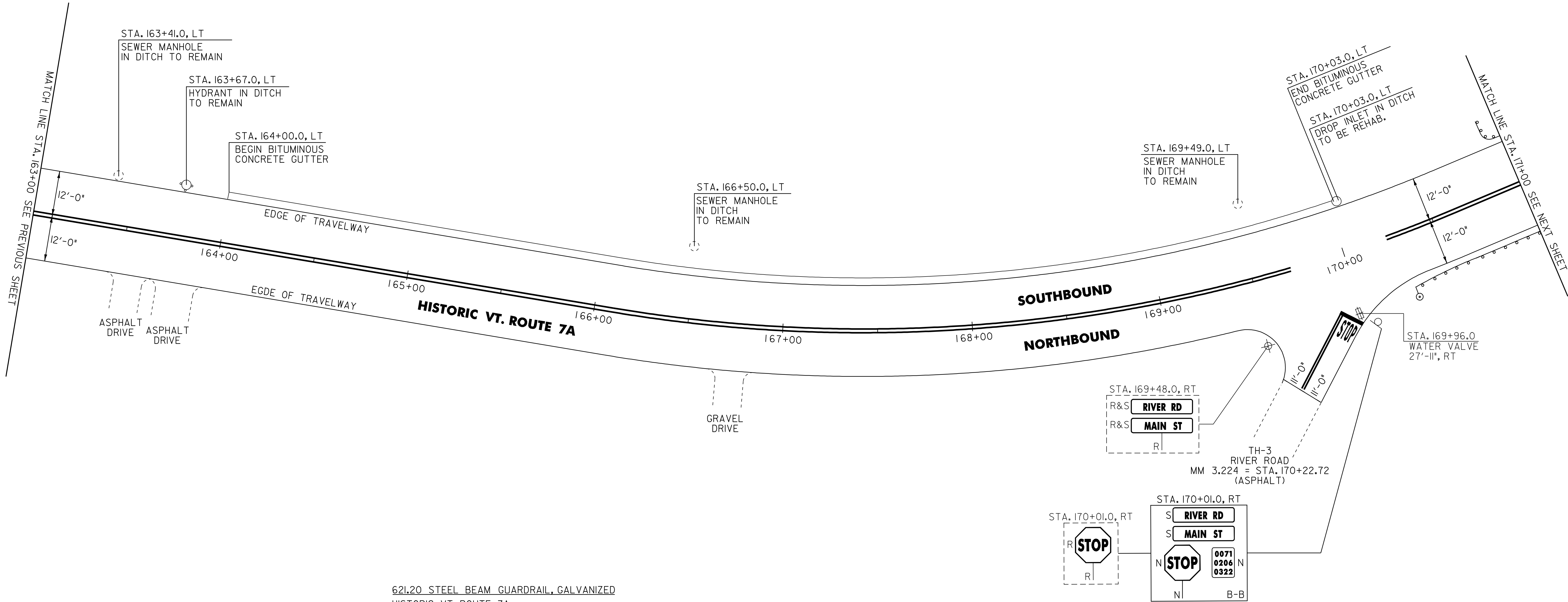
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 163+00.00 - STA. 171+00.00, DOUBLE SOLID C/L
 STA. 170+22.72 DOUBLE SOLID RT, TH-3

646.481 DURABLE 24 INCH STOP BAR, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 170+22.72 RT, TH-3

646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 170+22.72 RT, TH-3, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
 AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 170+03.0 LT

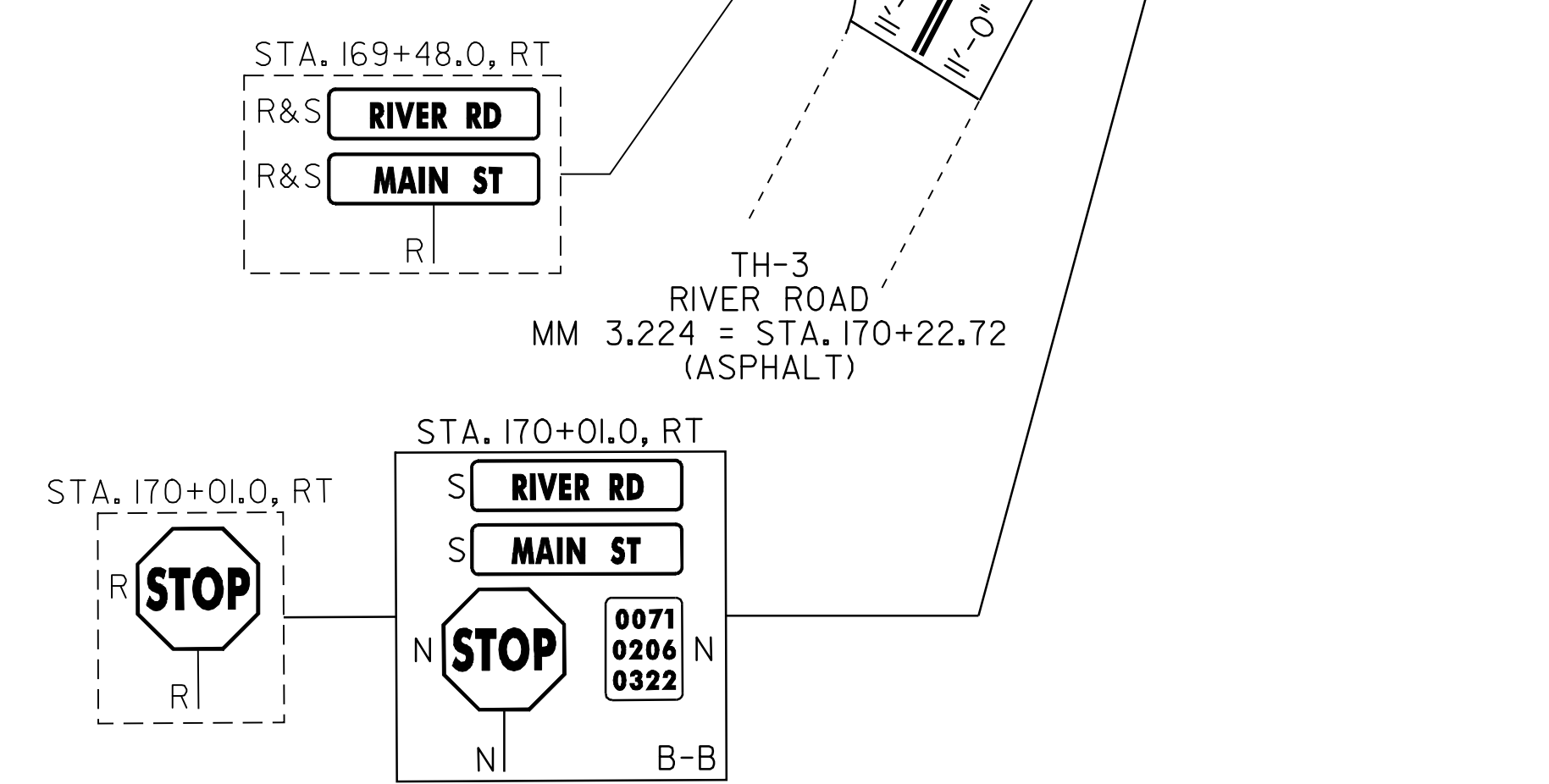
616.47 BITUMINOUS CONCRETE GUTTER
 HISTORIC VT. ROUTE 7A:
 STA. 164+00.0 - STA. 170+03.0 LT (15.1 TON)

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 169+96.0 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 HISTORIC VT. ROUTE 7A:
 STA. 170+55.5 - STA. 171+00.0 RT (44.5 LF) 30.5
 STA. 170+97.0 - STA. 171+00.0 LT (3.0 LF)

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~HISTORIC VT. ROUTE 7A:~~
~~STA. 170+18.0 - STA. 170+55.5 RT~~

621.60 ANCHOR FOR STEEL BEAM RAIL
 HISTORIC VT. ROUTE 7A:
 STA. 170+97.0 LT
 STA. 170+30.5 RT
 676.10 DELINEATOR WITH STEEL POST
 HISTORIC VT. ROUTE 7A:
 STA. 170+18.0 LT



NOTE:
 1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

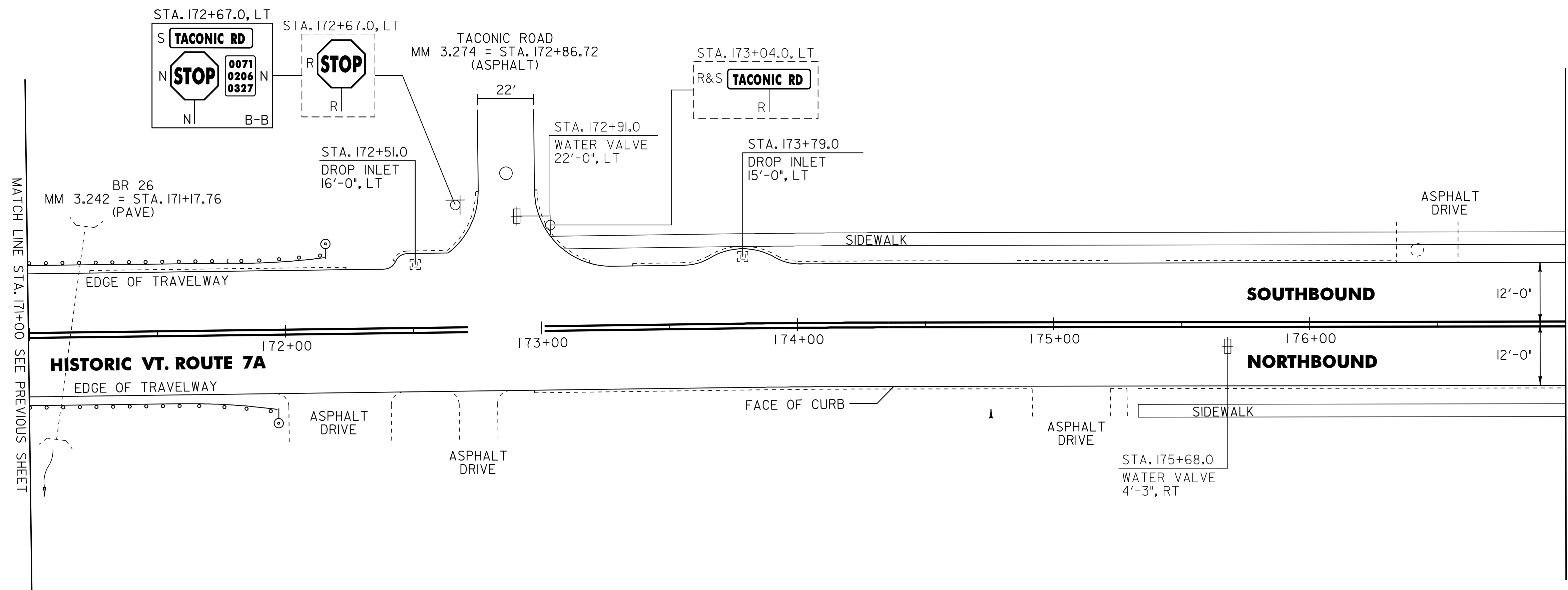
SIGN LEGEND
 R = REMOVE
 S = SALVAGE
 N = NEW
 RET = RETAIN
 B-B = BACK TO BACK
 EXISTING = - - - - -
 NEW = _____

NOT TO SCALE PROJECT LAYOUT SHEET #6	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
	FILE NAME: p99c158.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 20 OF 68
	IPARM FILE: p99c158106.i	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 171+00.00 - STA. 177+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 171+00.00 - STA. 177+00.00 DOUBLE SOLID C/L

675.50 REMOVING SIGNS
 AS SHOWN - 2
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 1



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

HISTORIC VT. ROUTE 7A:
 STA. 172+51.0 LT
 STA. 173+79.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

HISTORIC VT. ROUTE 7A:
 STA. 172+87.0 LT

629.20 ADJUST ELEVATION OF VALVE BOX

HISTORIC VT. ROUTE 7A:
 STA. 172+91.0 LT
 STA. 175+68.0 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 171+00.0 - STA. 171+61.5 RT (74.0 LF) 33.5
 STA. 171+00.0 - STA. 171+86.5 LT (99.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

~~STA. 171+61.5 - STA. 171+99.0 RT~~
~~STA. 171+86.5 - STA. 172+24.0 LT~~
 STA. 171+33.5 - STA. 171+71.0 RT

676.10 DELINEATOR WITH STEEL POST

STA. 171+99.0 RT
 STA. 172+24.0 LT

NOTE:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A 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 = _____

NOT TO SCALE

PROJECT LAYOUT SHEET #7

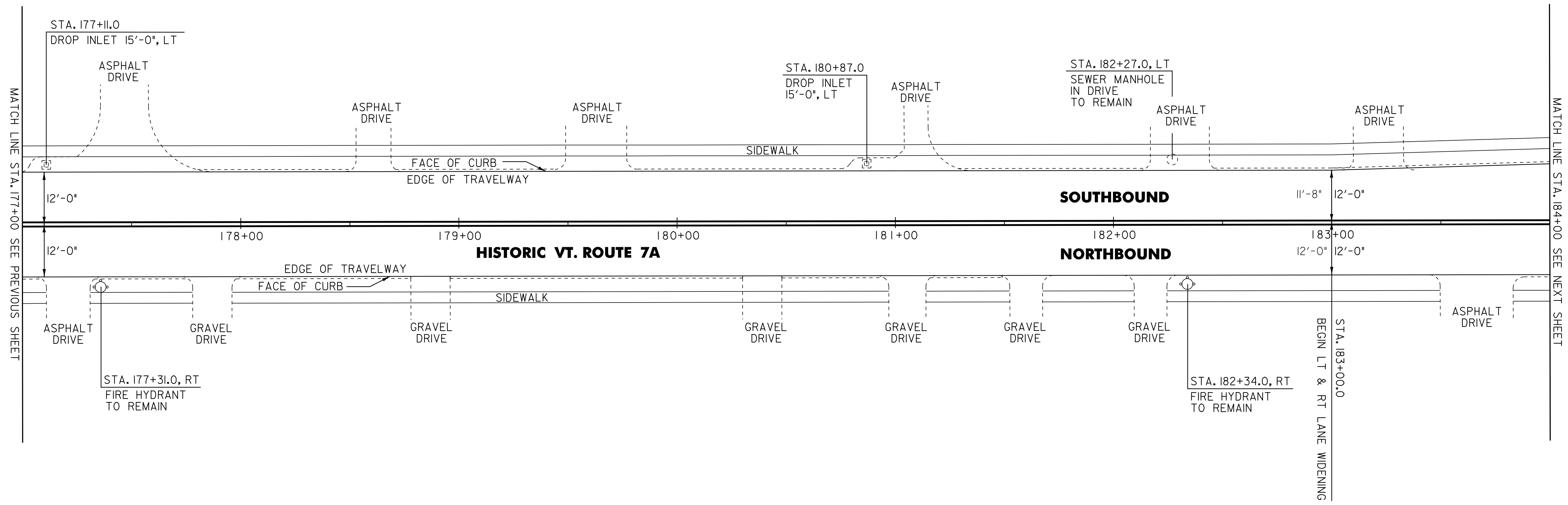
PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158107.1

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 21 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 177+00.00 - STA. 184+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 177+00.00 - STA. 184+00.00 DOUBLE SOLID C/L



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 177+11.0 LT
 STA. 180+87.0 LT

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158108.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 22 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 187+65.00 - STA. 188+50.00 PARKING SPACES RT
 STA. 188+90.00 - STA. 189+55.00 SOLID LANE LINE LT
 STA. 189+15.00 - STA. 189+95.00 PARKING SPACES RT
 STA. 189+50.00 - STA. 189+69.00 NO PARKING ZONE HATCHING
 STA. 189+55.00 - STA. 190+80.00 DOTTED LANE LINE LT
 STA. 189+95.00 - STA. 190+84.00 PARKING SPACES RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 184+00.00 - STA. 188+50.00 DOUBLE SOLID MEDIAN LT/RT
 STA. 188+70.72 DOUBLE SOLID RT, TH-4
 STA. 188+95.00 - STA. 189+50.00 MEDIAN EDGE LINE RT
 STA. 189+50.00 - STA. 190+80.00 DOUBLE SOLID MEDIAN RT
 STA. 190+80.00 - STA. 191+00.00 DOUBLE SOLID C/L

646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 188+36.00 RT, HANDICAP SYMBOL (1EA)
 STA. 188+70.72 RT, TH-4, "S,T,O,P" (4 EA)
 STA. 189+51.00 C/L, ARROW (1EA)

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
 HISTORIC VT. ROUTE 7A:
 STA. 184+00.00 - STA. 188+50.00 HATCHED MEDIAN LT/RT
 STA. 189+55.00 - STA. 190+80.00 HATCHED MEDIAN LT/RT

675.50 REMOVING SIGNS
 AS SHOWN - 3
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 187+65.00 - STA. 188+50.00 PARKING SPACES RT
 STA. 188+90.00 - STA. 189+55.00 SOLID LANE LINE LT
 STA. 189+15.00 - STA. 189+95.00 PARKING SPACES RT
 STA. 189+50.00 - STA. 189+69.00 NO PARKING ZONE HATCHING
 STA. 189+55.00 - STA. 190+80.00 DOTTED LANE LINE LT
 STA. 189+95.00 - STA. 190+84.00 PARKING SPACES RT

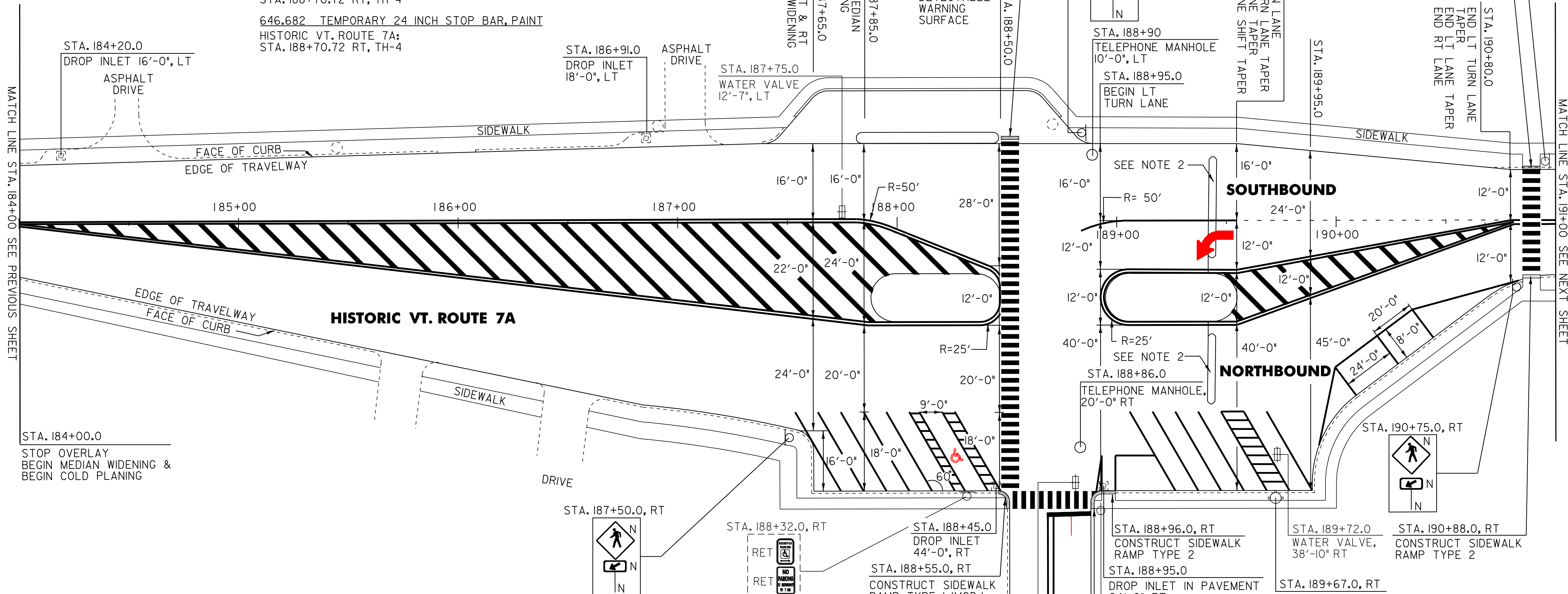
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 184+00.00 - STA. 188+50.00 DOUBLE SOLID MEDIAN LT/RT
 STA. 188+70.72 DOUBLE SOLID RT, TH-4
 STA. 188+95.00 - STA. 189+50.00 MEDIAN EDGE LINE RT
 STA. 189+50.00 - STA. 190+80.00 DOUBLE SOLID MEDIAN RT
 STA. 190+80.00 - STA. 191+00.00 DOUBLE SOLID C/L

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 188+36.00 RT, HANDICAP SYMBOL (2 EA)
 STA. 188+70.72 RT, TH-4, "S,T,O,P" (8 EA)
 STA. 189+51.00 C/L, ARROW (2 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 188+55.00 LT/RT
 STA. 188+70.72 RT, TH-4
 STA. 190+88.00 LT/RT

646.481 DURABLE 24 INCH STOP BAR, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 188+70.72 RT, TH-4

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 188+70.72 RT, TH-4

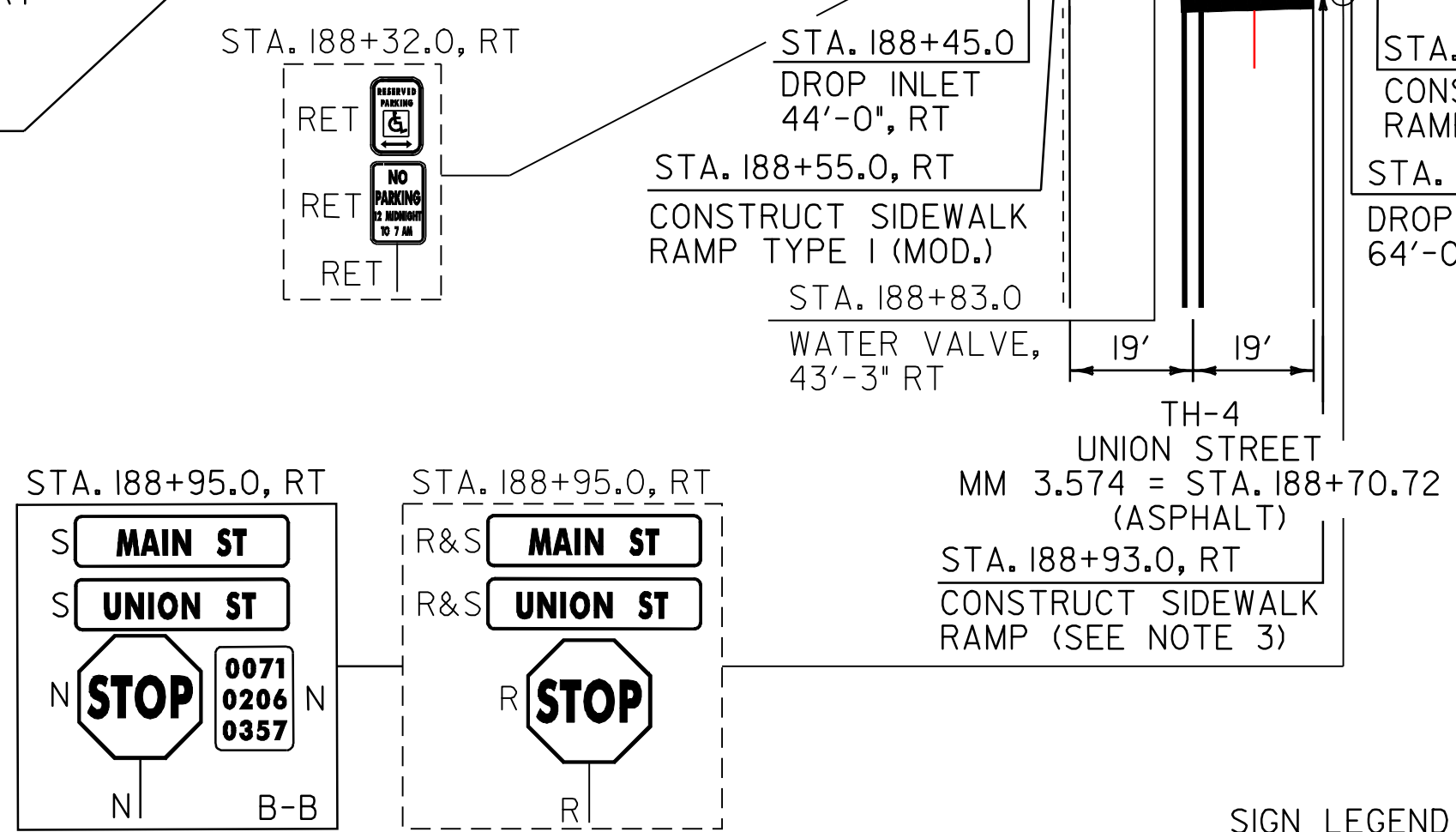


604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 188+86.0 RT~~
~~STA. 188+90.0 RT~~

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 184+20.0 LT
 STA. 186+91.0 LT
 STA. 188+45.0 RT
 STA. 188+95.0 RT

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 187+75.0 LT
 STA. 188+83.0 RT
 STA. 189+72.0 RT

678.22 VEHICLE LOOP DETECTOR
 HISTORIC VT. ROUTE 7A:
 STA. 187+35.0 LT/RT (100.0 LF)



- NOTES:
- LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - THE CONTRACTOR SHALL REPLACE THE EXISTING VEHICLE DETECTOR LOOPS ASSOCIATED WITH TRAFFIC COUNTER LOCATED IN THE RAISED MEDIAN PER THE MANUFACTURES SPECIFICATION AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF THESE LOOPS SHALL BE PAID FOR UNDER ITEM 678.22 VEHICLE LOOP DETECTOR.
 - SEE SHEET 67 FOR SIDEWALK RAMP DETAIL I.

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

PROJECT LAYOUT SHEET #9	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
	FILE NAME: p99c158.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 23 OF 68
	IPARM FILE: p99c158109.i	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 HISTORIC VT. ROUTE 7A:
 STA. 191+00.00 - STA. 199+00.00 DOUBLE SOLID C/L
 STA. 193+88.16 DOUBLE SOLID LT, SEMINARY AVENUE
 STA. 194+04.00 DOUBLE SOLID LT, TH-2

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
 HISTORIC VT. ROUTE 7A:
 STA. 191+00.00 - STA. 195+00.00 DOUBLE SOLID C/L
 STA. 193+88.16 DOUBLE SOLID LT, SEMINARY AVENUE
 STA. 194+04.00 DOUBLE SOLID LT, TH-2

646.481 DURABLE 24 INCH STOP BAR, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 193+88.16 LT, SEMINARY AVENUE
 STA. 194+04.00 LT, TH-2

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 193+88.16 LT, SEMINARY AVENUE
 STA. 194+04.00 LT, TH-2

646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 193+88.16 LT, SEMINARY AVENUE, "S,T,O,P" (4 EA)
 STA. 194+04.00 LT, TH-2, "S,T,O,P" (4 EA)

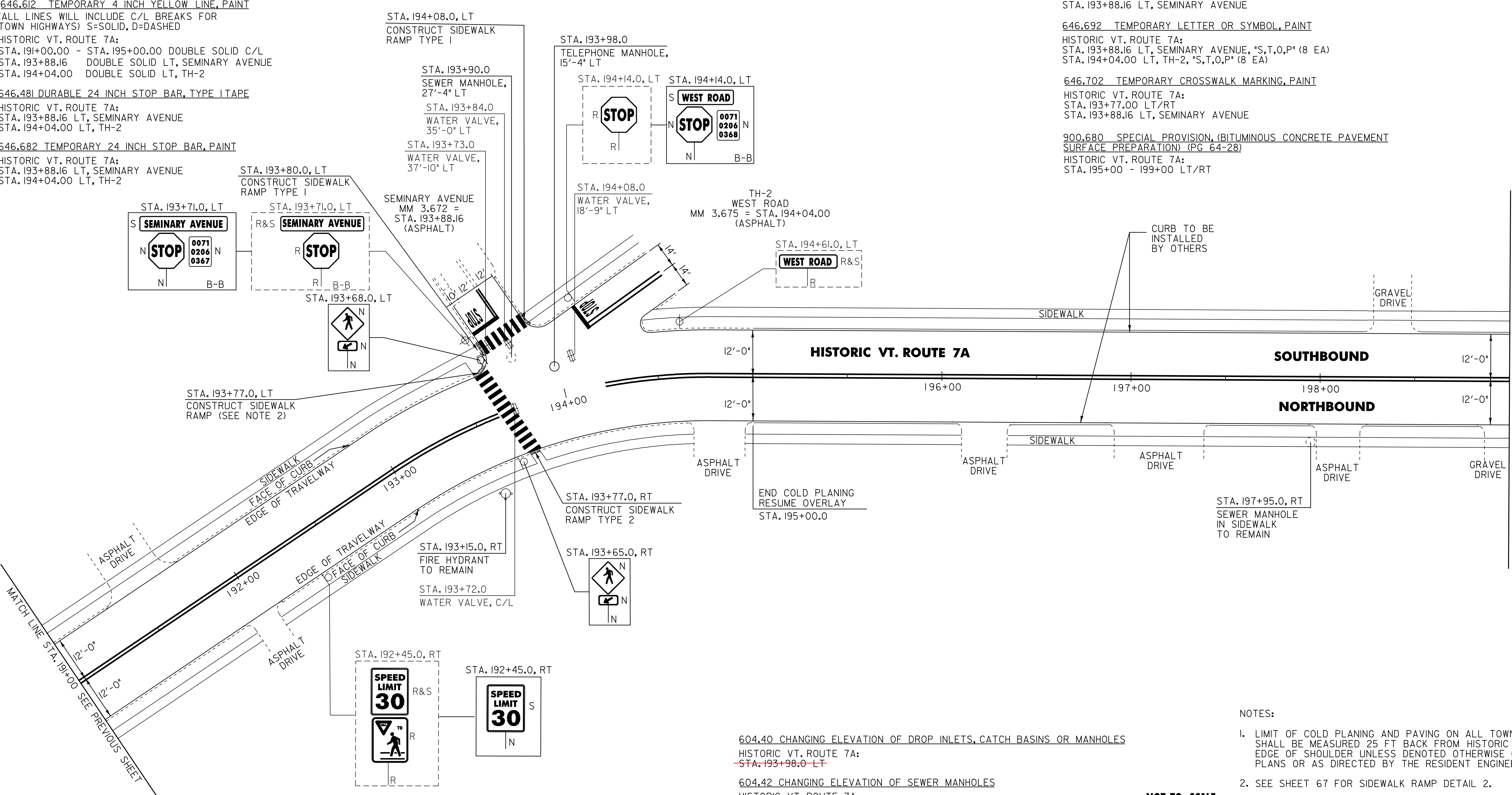
675.50 REMOVING SIGNS
 AS SHOWN - 6
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 3

646.501 DURABLE CROSSWALK MARKING, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 193+77.00 LT/RT
 STA. 193+88.16 LT, SEMINARY AVENUE

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 193+88.16 LT, SEMINARY AVENUE, "S,T,O,P" (8 EA)
 STA. 194+04.00 LT, TH-2, "S,T,O,P" (8 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 193+77.00 LT/RT
 STA. 193+88.16 LT, SEMINARY AVENUE

900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 195+00 - 199+00 LT/RT



MATCH LINE STA. 191+00 SEE PREVIOUS SHEET

MATCH LINE STA. 199+00 SEE NEXT SHEET

604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 193+98.0 LT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 193+90.0 LT~~

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 193+72.0 CL
 STA. 193+73.0 LT
 STA. 193+84.0 LT
 STA. 194+08.0 LT

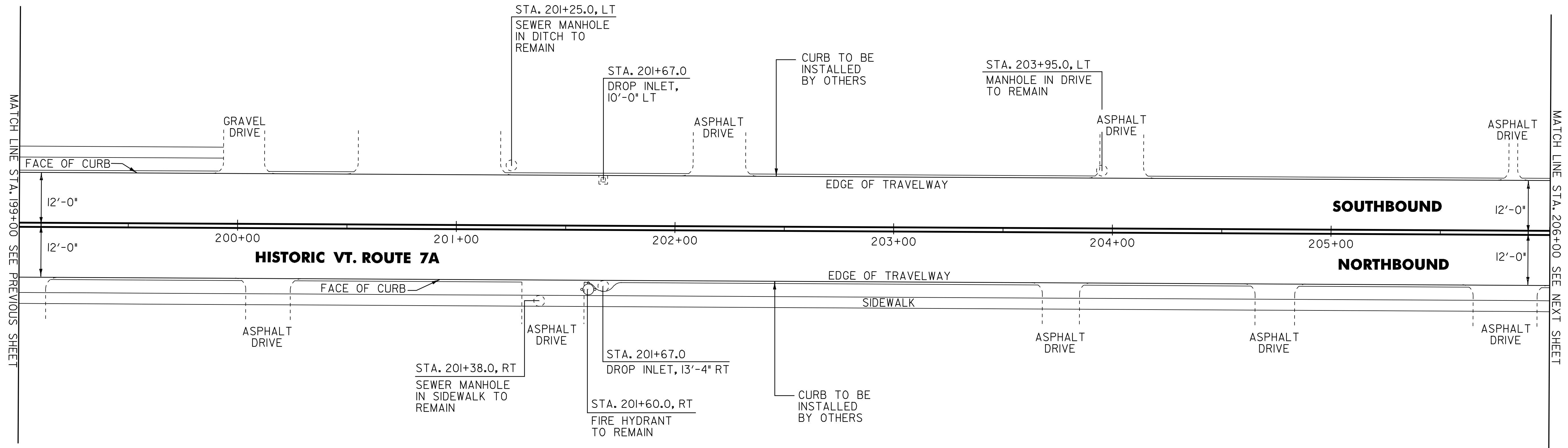
SIGN LEGEND
 R = REMOVE
 S = SALVAGE
 N = NEW
 RET = RETAIN
 B-B = BACK TO BACK
 EXISTING = - - - - -
 NEW = _____

NOTES:
 1. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 2. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

PROJECT LAYOUT SHEET #10	NOT TO SCALE	
	PROJECT NAME: MANCHESTER PROJECT NUMBER: STP 2203(I)S	PLOT DATE: 09-MAY-2008 DRAWN BY: C.A.K. CHECKED BY: D.W.E. SHEET 24 OF 68
FILE NAME: p99c158.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p99c158110.1		

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 199+00.00 - STA. 206+00.00 DOUBLE SOLID C/L

900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT
 SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 199+00 - 206+00 LT/RT



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 201+67.0 LT
 STA. 201+67.0 RT

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #11**

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158III.i

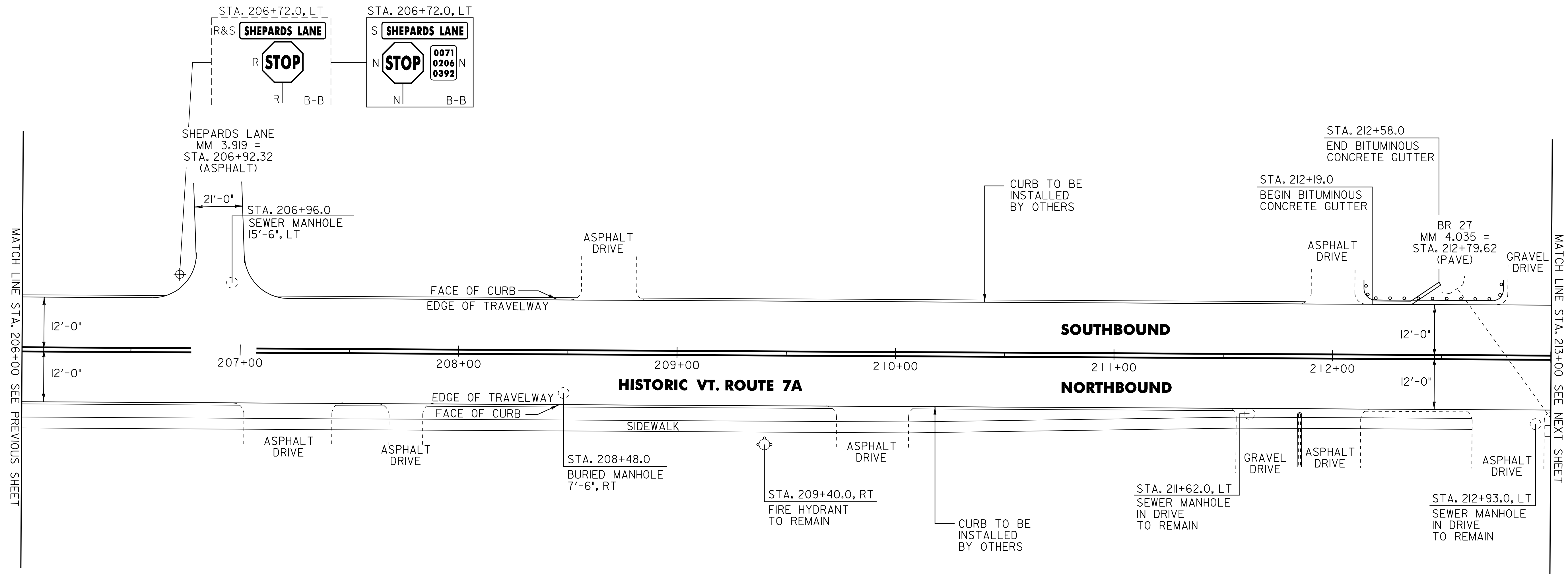
PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 25 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 206+00.00 - STA. 213+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 206+00.00 - STA. 213+00.00 DOUBLE SOLID C/L

675.50 REMOVING SIGNS
 AS SHOWN - 2
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 1

900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 206+00 - 213+00 LT/RT



604.42 CHANGING ELEVATION OF SEWER MANHOLES
 HISTORIC VT. ROUTE 7A:
 STA. 206+96.0 LT
~~STA. 208+48.0 RT~~

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 HISTORIC VT. ROUTE 7A:
 STA. 212+19.0 - STA. 212+58.0 LT (1.0 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 HISTORIC VT. ROUTE 7A:
 STA. 212+24.0 - STA. 212+93.0 LT (87.5 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL
 HISTORIC VT. ROUTE 7A:
 STA. 212+24.0 LT
 STA. 212+93.0 LT

NOTE:
 I. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A 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 = _____

NOT TO SCALE

PROJECT LAYOUT SHEET #12

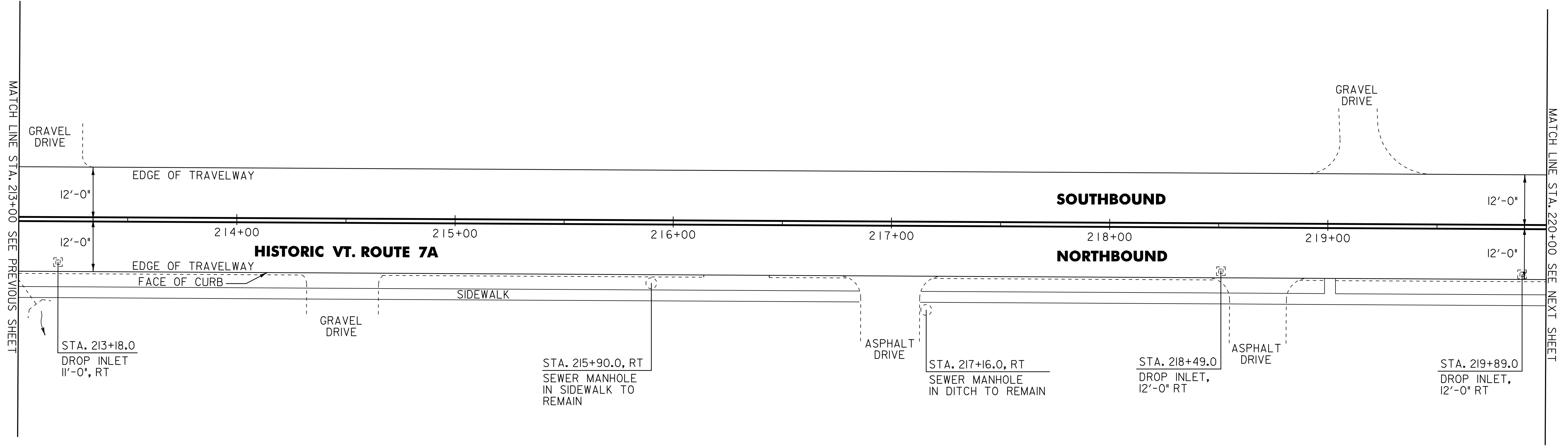
PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(1)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158i12.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 26 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 213+00.00 - STA. 220+00.00 DOUBLE SOLID C/L

900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT
 SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 213+00 - 220+00 LT/RT

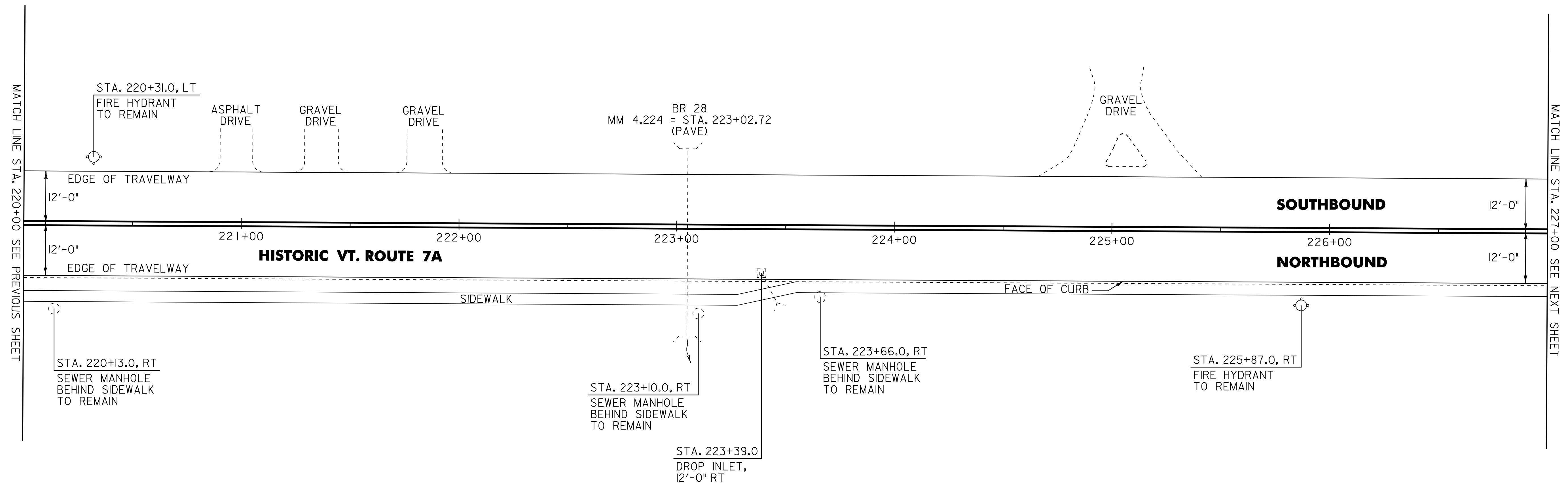


604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 213+18.0 RT
 STA. 218+49.0 RT
 STA. 219+89.0 RT

NOT TO SCALE PROJECT LAYOUT SHEET #13	PROJECT NAME: MANCHESTER	
	PROJECT NUMBER: STP 2203(I)S	
	FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.	
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.	
IPARM FILE: p99c158113.l	SHEET 27 OF 68	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 220+00.00 - STA. 227+00.00 DOUBLE SOLID C/L

900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT
 SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 220+00 - 227+00 LT/RT



~~604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS 1~~
 604.40 CHANGING ELEV. DI, CB, OR MH
 HISTORIC VT. ROUTE 7A:
 STA. 223+39.0 RT

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #14**

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158I14.1

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 28 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 227+00.00 - STA. 234+00.00 DOUBLE SOLID C/L
 STA. 232+16.16 DOUBLE SOLID LT, WAYS LANE
 STA. 232+16.16 DOUBLE SOLID LT, WAYS LANE

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 231+00.00 - STA. 234+00.00 DOUBLE SOLID C/L
 STA. 232+16.16 DOUBLE SOLID LT, WAYS LANE
 STA. 232+16.16 DOUBLE SOLID LT, WAYS LANE

646.501 DURABLE CROSSWALK MARKING, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 230+57.76 RT, LONG VIEW DRIVE
 STA. 231+31.00 LT/RT

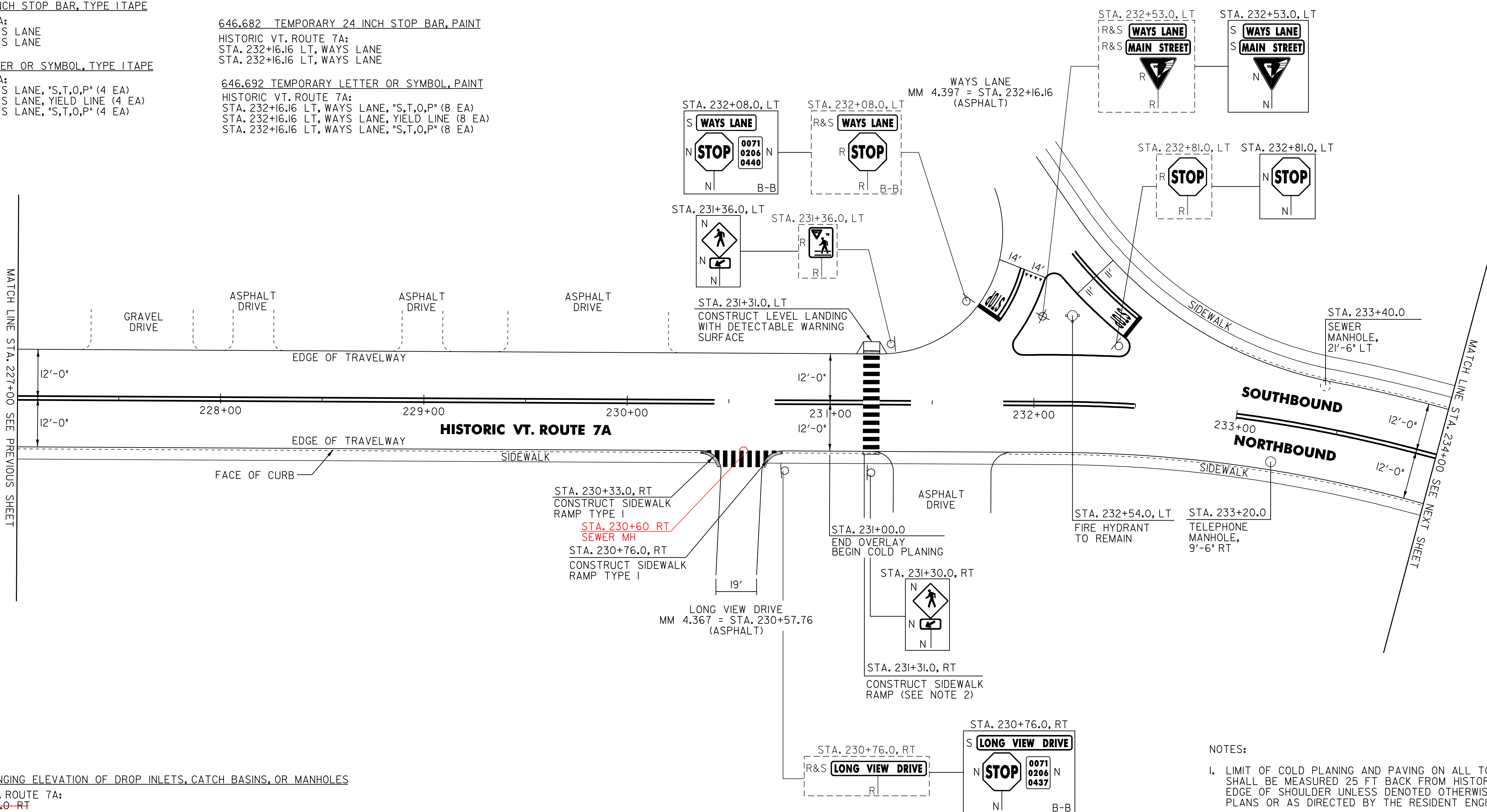
675.50 REMOVING SIGNS
 AS SHOWN - 8
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 4

646.481 DURABLE 24 INCH STOP BAR, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 232+16.16 LT, WAYS LANE
 STA. 232+16.16 LT, WAYS LANE

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 232+16.16 LT, WAYS LANE
 STA. 232+16.16 LT, WAYS LANE

646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 232+16.16 LT, WAYS LANE, "S,T,O,P" (4 EA)
 STA. 232+16.16 LT, WAYS LANE, YIELD LINE (4 EA)
 STA. 232+16.16 LT, WAYS LANE, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 232+16.16 LT, WAYS LANE, "S,T,O,P" (8 EA)
 STA. 232+16.16 LT, WAYS LANE, YIELD LINE (8 EA)
 STA. 232+16.16 LT, WAYS LANE, "S,T,O,P" (8 EA)



604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 233+20.0 RT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 233+40.0 LT~~
~~230+60.0 RT~~

900.680 SPECIAL PROVISION, (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION) (PG 64-28)
 HISTORIC VT. ROUTE 7A:
 STA. 227+00 - 231+00 LT/RT

- NOTES:
- LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

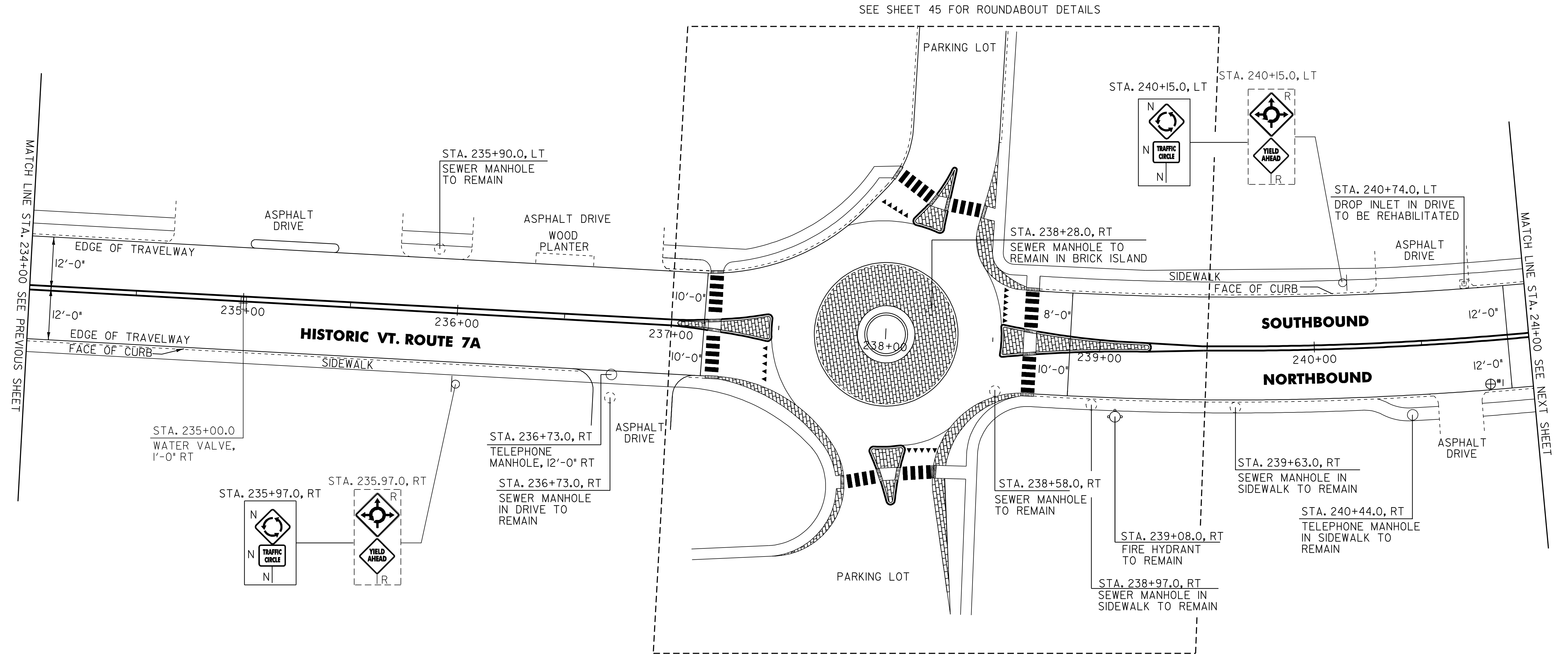
SIGN LEGEND
 R = REMOVE
 S = SALVAGE
 N = NEW
 RET = RETAIN
 B-B = BACK TO BACK
 EXISTING = - - - - -
 NEW = _____

NOT TO SCALE PROJECT LAYOUT SHEET #15	PROJECT NAME: MANCHESTER	FILE NAME: p99c158.dgn	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
		IPARM FILE: p99c158i15.i	SHEET 29 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 234+00.00 - STA. 237+00.00 DOUBLE SOLID C/L
 STA. 239+50.00 - STA. 241+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 234+00.00 - STA. 237+00.00 DOUBLE SOLID C/L
 STA. 239+50.00 - STA. 241+00.00 DOUBLE SOLID C/L

675.50 REMOVING SIGNS
 AS SHOWN - 4



SEE SHEET 45 FOR ROUNDABOUT DETAILS

MATCH LINE STA. 234+00 SEE PREVIOUS SHEET

MATCH LINE STA. 241+00 SEE NEXT SHEET

604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

HISTORIC VT. ROUTE 7A:
~~STA. 236+73.0 RT~~

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS 1

HISTORIC VT. ROUTE 7A:
 STA. 240+74.0 LT

629.20 ADJUST ELEVATION OF VALVE BOX

HISTORIC VT. ROUTE 7A:
 STA. 235+00.0 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
1	6 1/2	YES	

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99cl58116.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 30 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 241+00.00 - STA. 248+00.00 DOUBLE SOLID C/L
 STA. 244+88.64 DOUBLE SOLID LT, TH-54

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 243+94.0 LT/RT
 STA. 244+88.64 LT, TH-54
 STA. 245+09.76 RT, TH-46

675.50 REMOVING SIGNS
 AS SHOWN - 5
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 4

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 241+00.00 - STA. 248+00.00 DOUBLE SOLID C/L
 STA. 244+88.64 DOUBLE SOLID LT, TH-54

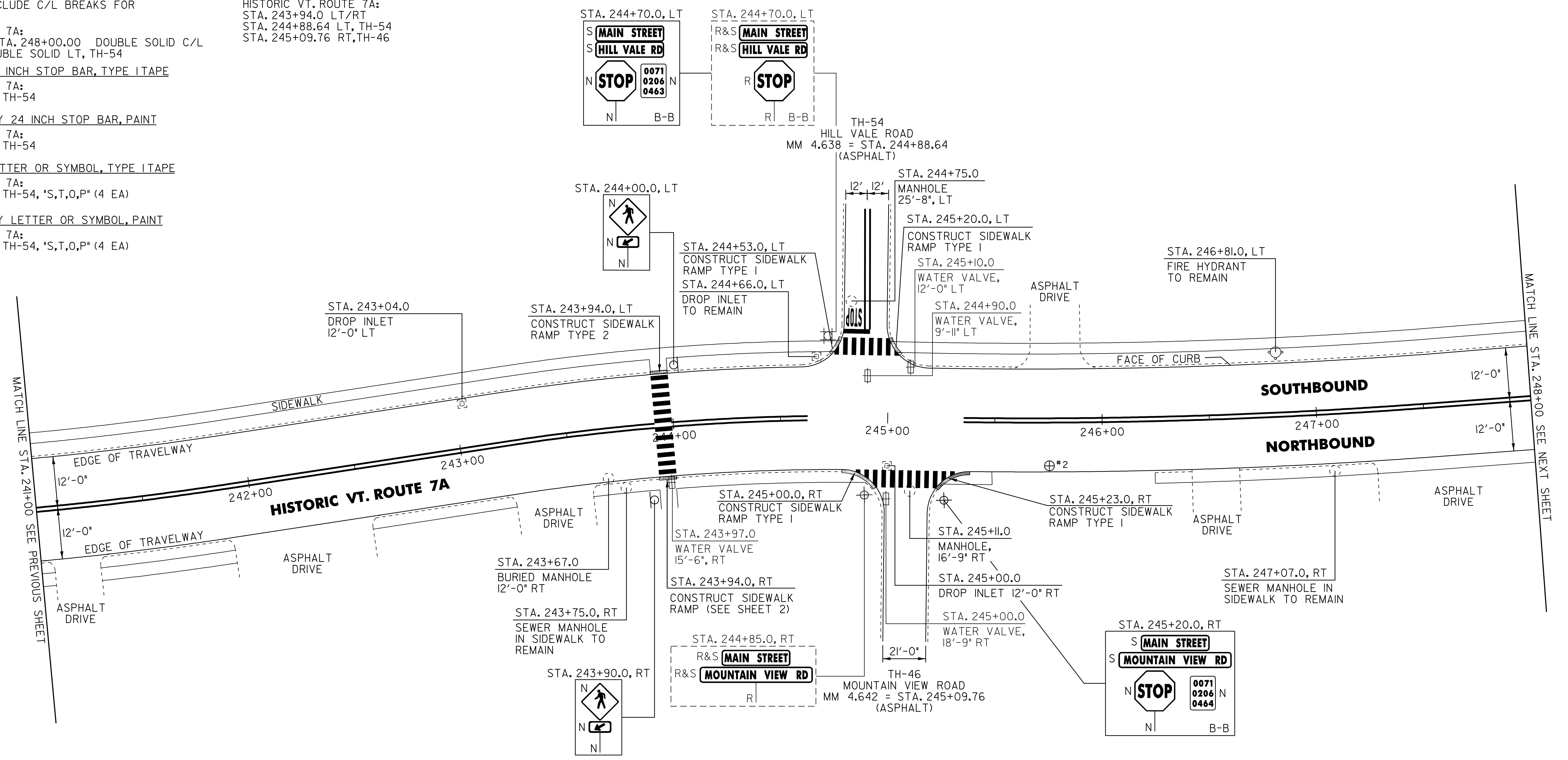
646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 243+94.0 LT/RT
 STA. 244+88.64 LT, TH-54
 STA. 245+09.76 RT, TH-46

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 244+88.64 LT, TH-54

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 244+88.64 LT, TH-54

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 244+88.64 LT, TH-54, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 244+88.64 LT, TH-54, "S,T,O,P" (4 EA)



604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 243+67.0 RT~~ STA. 243+04 LT
 STA. 244+75.0 LT
 STA. 245+11.0 RT

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
~~STA. 243+04.0 LT~~
 STA. 245+00.0 RT

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 243+97.0 RT
 STA. 244+90.0 LT
 STA. 245+00.0 RT
 STA. 245+10.0 LT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
2	5	YES	

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

NOTES:
 1. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 2. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

NOT TO SCALE

PROJECT LAYOUT SHEET #17

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
FILE NAME: p99c158.dgn	CHECKED BY: D.W.E.
PROJECT LEADER: D.E.G.	SHEET 31 OF 68
DESIGNED BY: M.J.M.	
IPARM FILE: p99c158i17.i	

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 LANE LINE RT, TH-44

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 248+00.00 - STA. 253+40.00 DOUBLE SOLID C/L
 STA. 253+40.00 - STA. 254+00.00 DOUBLE SOLID LT/RT

646.481 DURABLE 24 INCH STOP BAR, TYPE 1 TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 RT, TH-44

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 LANE LINE RT, TH-44

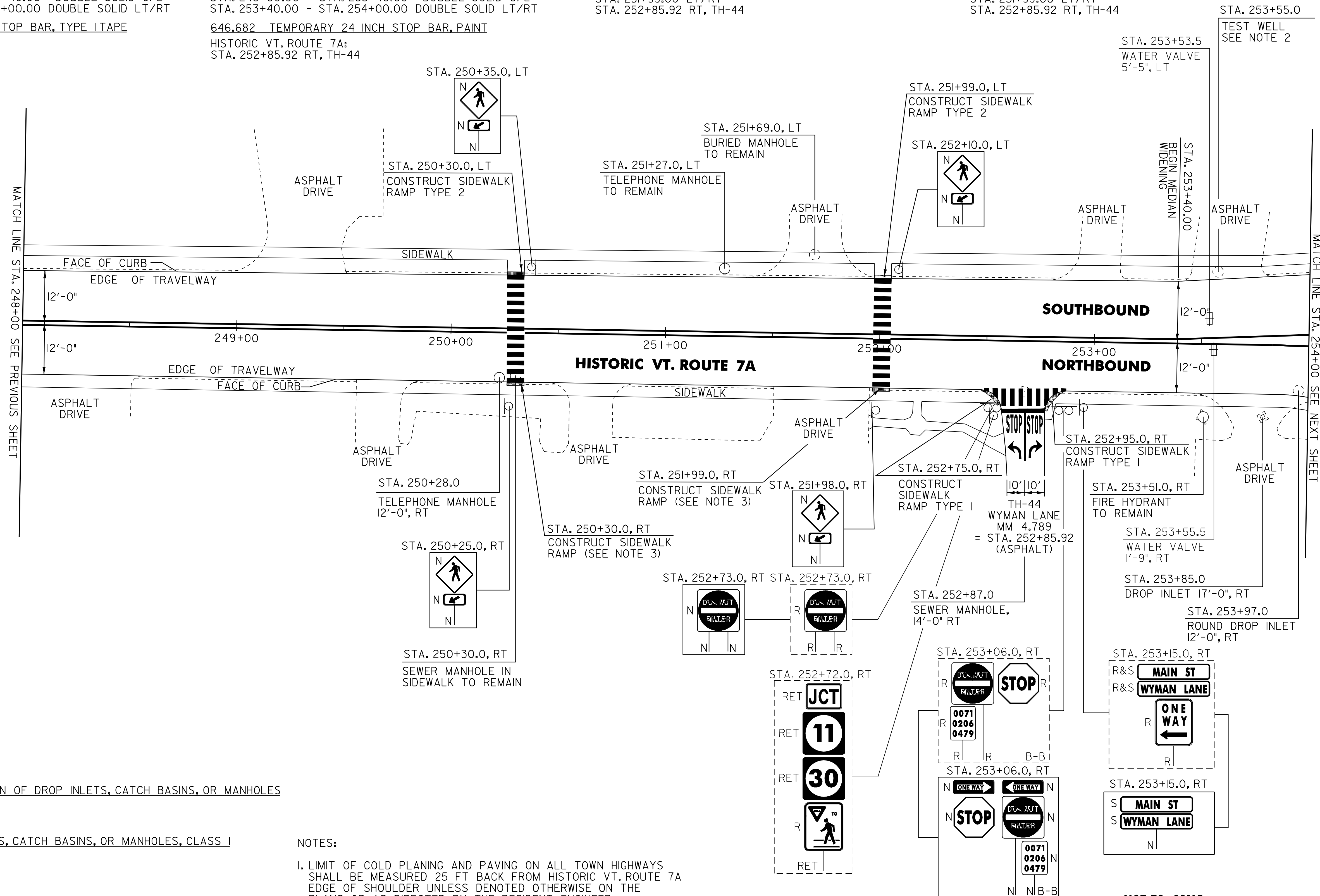
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 248+00.00 - STA. 253+40.00 DOUBLE SOLID C/L
 STA. 253+40.00 - STA. 254+00.00 DOUBLE SOLID LT/RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 RT, TH-44

646.491 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 RT, TH-44, "S,T,O,P" (8 EA)
 STA. 252+85.92 RT, TH-44, ARROW (2 EA)
 646.501 DURABLE CROSSWALK MARKING, TYPE 1 TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 250+30.00 LT/RT
 STA. 251+99.00 LT/RT
 STA. 252+85.92 RT, TH-44

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 252+85.92 RT, TH-44, "S,T,O,P" (16 EA)
 STA. 252+85.92 RT, TH-44, ARROW (4 EA)
 646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 250+30.00 LT/RT
 STA. 251+99.00 LT/RT
 STA. 252+85.92 RT, TH-44

675.50 REMOVING SIGNS
 AS SHOWN - 8
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2



604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 250+28.0 RT~~

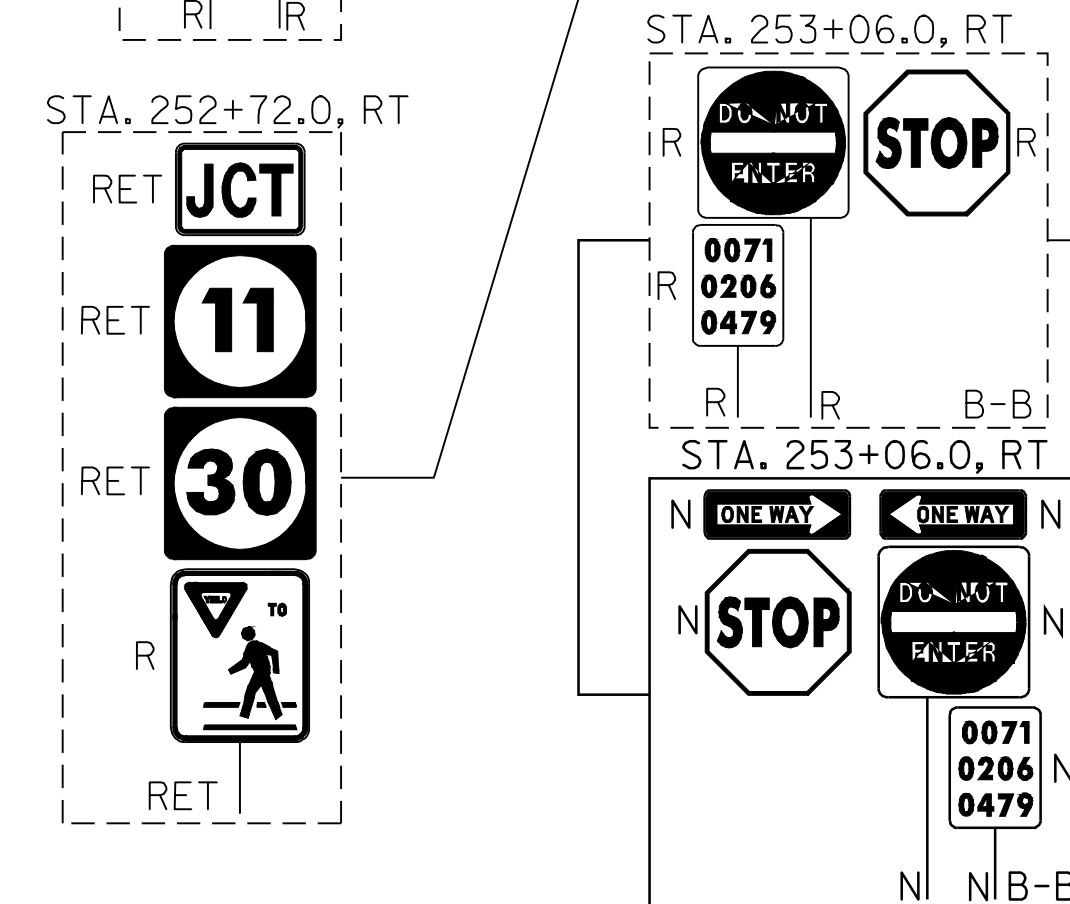
604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
~~STA. 253+85.0 RT~~
 STA. 253+97.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 252+87.0 RT~~

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 253+53.5 LT
 STA. 253+55.5 RT

NOTES:

- LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR MUST USE CARE WHEN COLD PLANING AROUND THE EXISTING TEST WELL TO AVOID DAMAGING IT. IF DAMAGE SHOULD OCCUR DURING COLD PLANING, THE CONTRACTOR SHALL REPAIR THE WELL AS DIRECTED BY THE RESIDENT ENGINEER AT NO COST TO THE STATE OF VERMONT.
- SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.



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

NOT TO SCALE
PROJECT LAYOUT SHEET #18

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(1)S
 FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158i1.i
 PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 32 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 HISTORIC VT. ROUTE 7A:
 STA. 255+00.00 - STA. 255+70.00 SOLID LANE LINE LT
 STA. 255+70.00 - STA. 256+45.00 DOTTED LANE LINE LT
 STA. 255+70.00 - STA. 256+45.00 DOTTED LANE LINE RT
 STA. 256+45.00 - STA. 257+10.00 SOLID LANE LINE RT
 STA. 257+00.00 - STA. 257+95.00 SOLID EDGE LINE RT
 STA. 257+87.00 - STA. 258+01.00 RT, NO PARKING HATCHING
 STA. 257+87.00 - STA. 258+69.00 LT, PARKING SPACES
 STA. 258+01.00 - STA. 259+00.00 RT, PARKING SPACES
 STA. 258+96.00 - STA. 259+00.00 LT, PARKING SPACES

VT. ROUTE 30:
 STA. I+09.00 - STA. I+53.00 LT, PARKING SPACES
 STA. I+83.00 - STA. 2+00.00 LT, PARKING SPACES
 STA. I+67.00 - STA. 2+00.00 RT, PARKING SPACES

VT. ROUTE II:
 STA. 0+40.00 - STA. I+52.00 SOLID LANE LINE LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 255+00.00 - STA. 255+70.00 SOLID LANE LINE LT
 STA. 255+70.00 - STA. 256+45.00 DOTTED LANE LINE LT
 STA. 255+70.00 - STA. 256+45.00 DOTTED LANE LINE RT
 STA. 256+45.00 - STA. 257+10.00 SOLID LANE LINE RT
 STA. 257+00.00 - STA. 257+95.00 SOLID EDGE LINE RT
 STA. 257+87.00 - STA. 258+01.00 RT, NO PARKING HATCHING
 STA. 257+87.00 - STA. 258+69.00 LT, PARKING SPACES
 STA. 258+01.00 - STA. 259+00.00 RT, PARKING SPACES
 STA. 258+96.00 - STA. 259+00.00 LT, PARKING SPACES

VT. ROUTE 30:
 STA. I+09.00 - STA. I+53.00 LT, PARKING SPACES
 STA. I+83.00 - STA. 2+00.00 LT, PARKING SPACES
 STA. I+67.00 - STA. 2+00.00 RT, PARKING SPACES

VT. ROUTE II:
 STA. 0+40.00 - STA. I+52.00 SOLID LANE LINE LT

646.412 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 254+00.00 - STA. 254+25.00 DOUBLE SOLID MEDIAN LT/RT
 STA. 255+25.00 - STA. 259+00.00 DOUBLE SOLID C/L

VT. ROUTE II:
 STA. 0+40.00 - STA. 2+00.00 DOUBLE SOLID C/L
 VT. ROUTE 30:
 STA. 0+75.00 - STA. 2+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 254+00.00 - STA. 254+25.00 DOUBLE SOLID MEDIAN LT/RT
 STA. 255+25.00 - STA. 259+00.00 DOUBLE SOLID C/L

VT. ROUTE II:
 STA. 0+40.00 - STA. 2+00.00 DOUBLE SOLID C/L
 VT. ROUTE 30:
 STA. 0+75.00 - STA. 2+00.00 DOUBLE SOLID C/L

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 255+65.00 C/L, ARROW, (1EA)
 STA. 256+50.00 C/L, ARROW, (1EA)

VT. ROUTE II:
 STA. 0+48.00 LT, ARROW, (1EA)
 STA. 0+48.00 C/L, ARROW, (1EA)
 STA. 0+98.00 LT, "ONLY" (4 EA)
 STA. 0+98.00 C/L, "ONLY" (4 EA)
 STA. I+48.00 LT, ARROW, (1EA)
 STA. I+48.00 C/L, ARROW, (1EA)

VT. ROUTE 30:
 STA. I+25.00 LT, HANDICAP SYMBOL (1EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 255+65.00 C/L, ARROW, (2 EA)
 STA. 256+50.00 C/L, ARROW, (2 EA)

VT. ROUTE II:
 STA. 0+48.00 LT, ARROW, (2 EA)
 STA. 0+48.00 C/L, ARROW, (2 EA)
 STA. I+48.00 LT, ARROW, (2 EA)
 STA. I+48.00 C/L, ARROW, (2 EA)

VT. ROUTE 30:
 STA. I+25.00 LT, HANDICAP SYMBOL (1EA)

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 256+40.00 LT/RT
 STA. 257+83.00 LT/RT

VT. ROUTE II:
 STA. 0+36.00 LT/RT

VT. ROUTE 30:
 STA. I+63.00 LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 256+40.00 LT/RT
 STA. 257+83.00 LT/RT

VT. ROUTE II:
 STA. 0+36.00 LT/RT

VT. ROUTE 30:
 STA. I+63.00 LT/RT

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE

VT. ROUTE II:
 STA. 0+40.00 LT/RT

VT. ROUTE 30:
 STA. 0+75.00 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

VT. ROUTE II:
 STA. 0+40.00 LT/RT

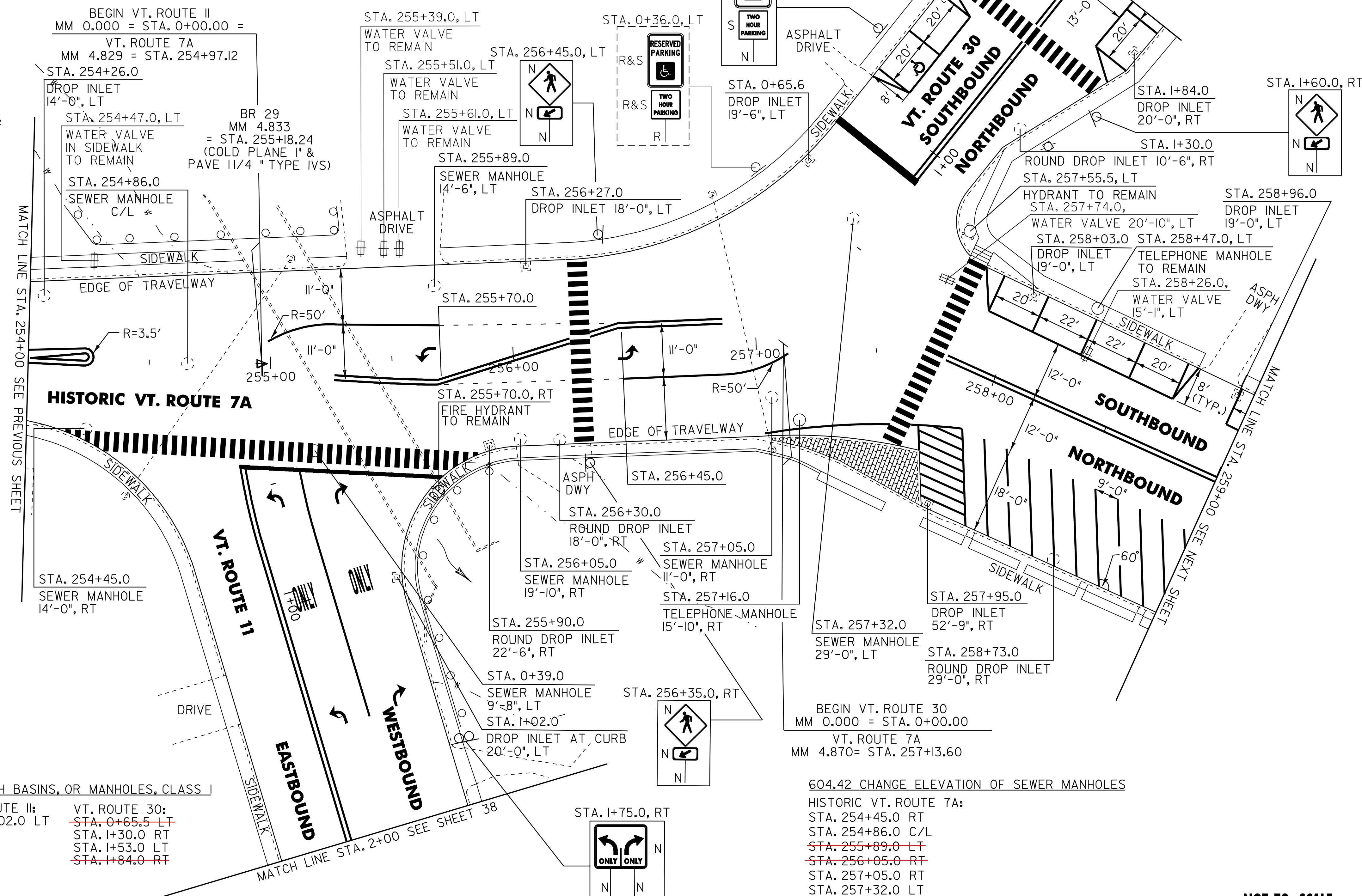
VT. ROUTE 30:
 STA. 0+75.00 LT

675.50 REMOVING SIGNS

AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

HISTORIC VT. ROUTE 7A:	VT. ROUTE II:	VT. ROUTE 30:
STA. 254+26.0 LT	STA. I+02.0 LT	STA. 0+65.5 LT
STA. 255+90.0 RT		STA. I+30.0 RT
STA. 256+27.0 LT		STA. I+53.0 LT
STA. 256+30.0 RT		STA. I+84.0 RT
STA. 257+95.0 RT		
STA. 258+03.0 LT		
STA. 258+73.0 RT		
STA. 258+96.0 LT		

604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

HISTORIC VT. ROUTE 7A:
~~STA. 257+16.0, RT~~

604.42 CHANGE ELEVATION OF SEWER MANHOLES

HISTORIC VT. ROUTE 7A:
 STA. 254+45.0 RT
 STA. 254+86.0 C/L
~~STA. 255+89.0 LT~~
~~STA. 256+05.0 RT~~
 STA. 257+05.0 RT
 STA. 257+32.0 LT

VT. ROUTE II:
~~STA. 0+39.0 LT~~

629.20 ADJUST ELEVATION OF VALVE BOX

HISTORIC VT. ROUTE 7A:
 STA. 257+74.0, LT
 STA. 258+26.0, LT

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET #19

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn	PLOT DATE: 09-MAY-2008
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p99cl58I19.i	SHEET 33 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 HISTORIC VT. ROUTE 7A:
 STA. 259+00.00 - STA. 259+69.00 LT, PARKING SPACES
 STA. 259+00.00 - STA. 260+60.00 RT, PARKING SPACES
 STA. 259+77.00 - STA. 260+71.00 LT, PARKING SPACES
 STA. 260+40.00 - STA. 260+49.00 RT, PARKING SPACES
 STA. 260+80.00 - STA. 261+40.00 LT, PARKING SPACES
 STA. 263+72.00 - STA. 264+15.00 RT, PARKING SPACES
 STA. 264+50.00 - STA. 265+86.00 RT, PARKING SPACES

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 259+00.00 - STA. 259+69.00 LT, PARKING SPACES
 STA. 259+00.00 - STA. 260+60.00 RT, PARKING SPACES
 STA. 259+77.00 - STA. 260+71.00 LT, PARKING STALL HATCHING
 STA. 260+40.00 - STA. 260+49.00 RT, PARKING SPACES
 STA. 260+80.00 - STA. 261+40.00 LT, PARKING SPACES
 STA. 263+72.00 - STA. 264+15.00 RT, PARKING SPACES
 STA. 264+50.00 - STA. 265+86.00 RT, PARKING SPACES

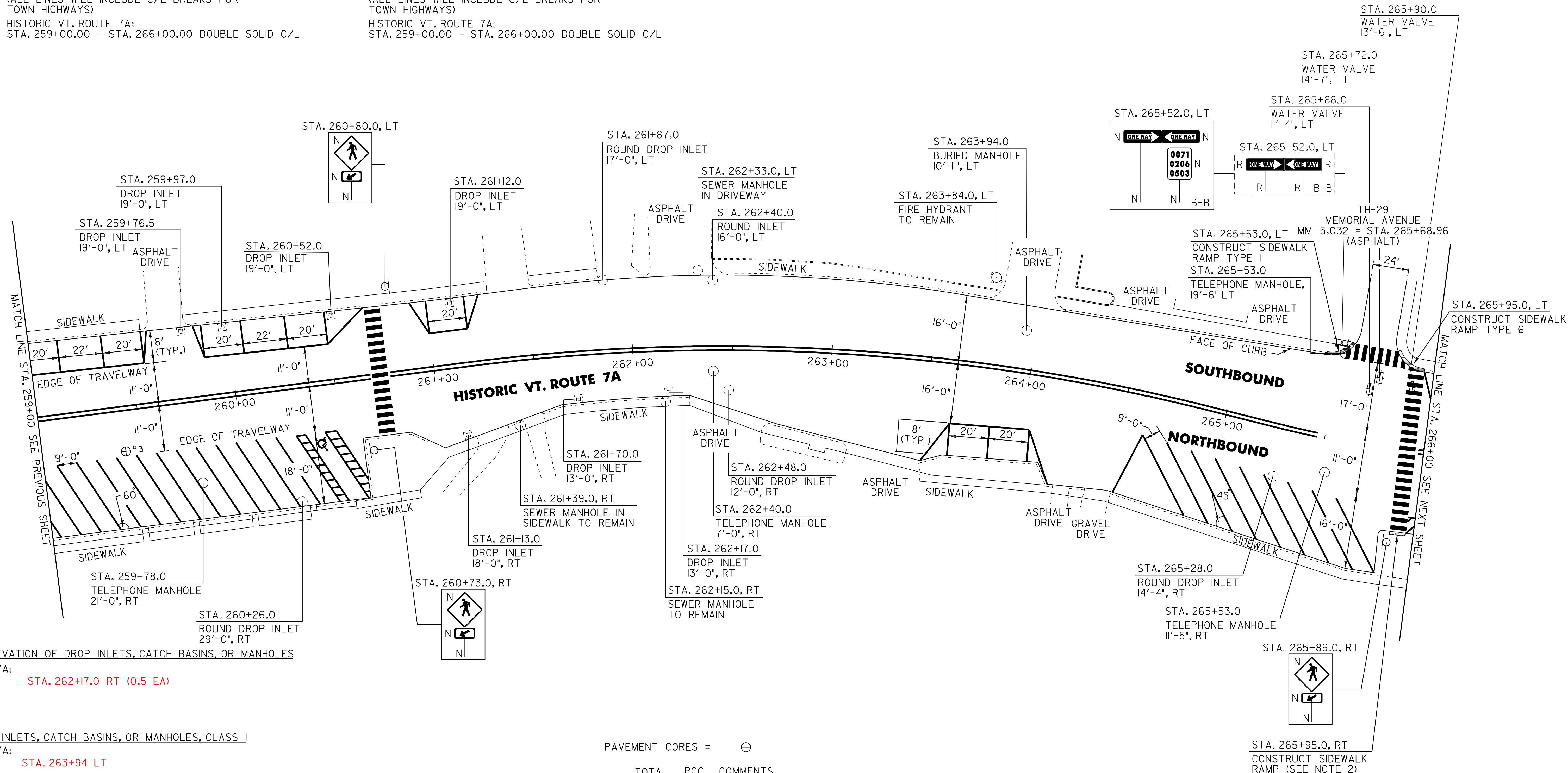
646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 260+44.50 RT, HANDICAP SYMBOL (1 EA)
 646.501 DURABLE CROSSWALK MARKING, TYPE ITAPE
 HISTORIC VT. ROUTE 7A:
 STA. 260+75.00 LT/RT
 STA. 265+68.96 LT, TH-29
 STA. 265+95.00 LT/RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 260+44.50 RT, HANDICAP SYMBOL (2 EA)
 646.702 TEMPORARY CROSSWALK MARKING, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 260+75.00 LT/RT
 STA. 265+68.96 LT, TH-29
 STA. 265+95.00 LT/RT

675.50 REMOVING SIGNS
 AS SHOWN - 2

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 259+00.00 - STA. 266+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 259+00.00 - STA. 266+00.00 DOUBLE SOLID C/L



604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 259+78.0 RT~~
~~STA. 262+40.0 RT~~
~~STA. 263+94.0 LT~~
~~STA. 265+53.0 RT~~
~~STA. 265+53.0 LT~~
 STA. 262+17.0 RT (0.5 EA)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
~~STA. 259+76.5 LT~~
~~STA. 259+97.0 LT~~
~~STA. 260+26.0 RT~~
~~STA. 260+52.0 LT~~
~~STA. 261+2.0 LT~~
~~STA. 261+3.0 RT~~
~~STA. 261+70.0 RT~~
~~STA. 261+87.0 LT~~
~~STA. 262+17.0 RT~~
~~STA. 262+33.0 LT~~
 STA. 263+94 LT

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 265+68.0 LT
 STA. 265+72.0 LT
 STA. 265+90.0 LT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
3	5	YES	

- NOTES:
- LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #20

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158120.dgn

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 34 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 266+00.00 - STA. 267+00.00 RT, PARKING SPACES
 STA. 266+00.00 - STA. 266+93.00 LT, PARKING SPACES

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 266+00.00 - STA. 267+00.00 RT, PARKING SPACES
 STA. 266+00.00 - STA. 266+93.00 LT, PARKING SPACES

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 269+96.36 RT, TH-40

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 269+96.36 RT, TH-40

675.50 REMOVING SIGNS
 AS SHOWN - 6
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2

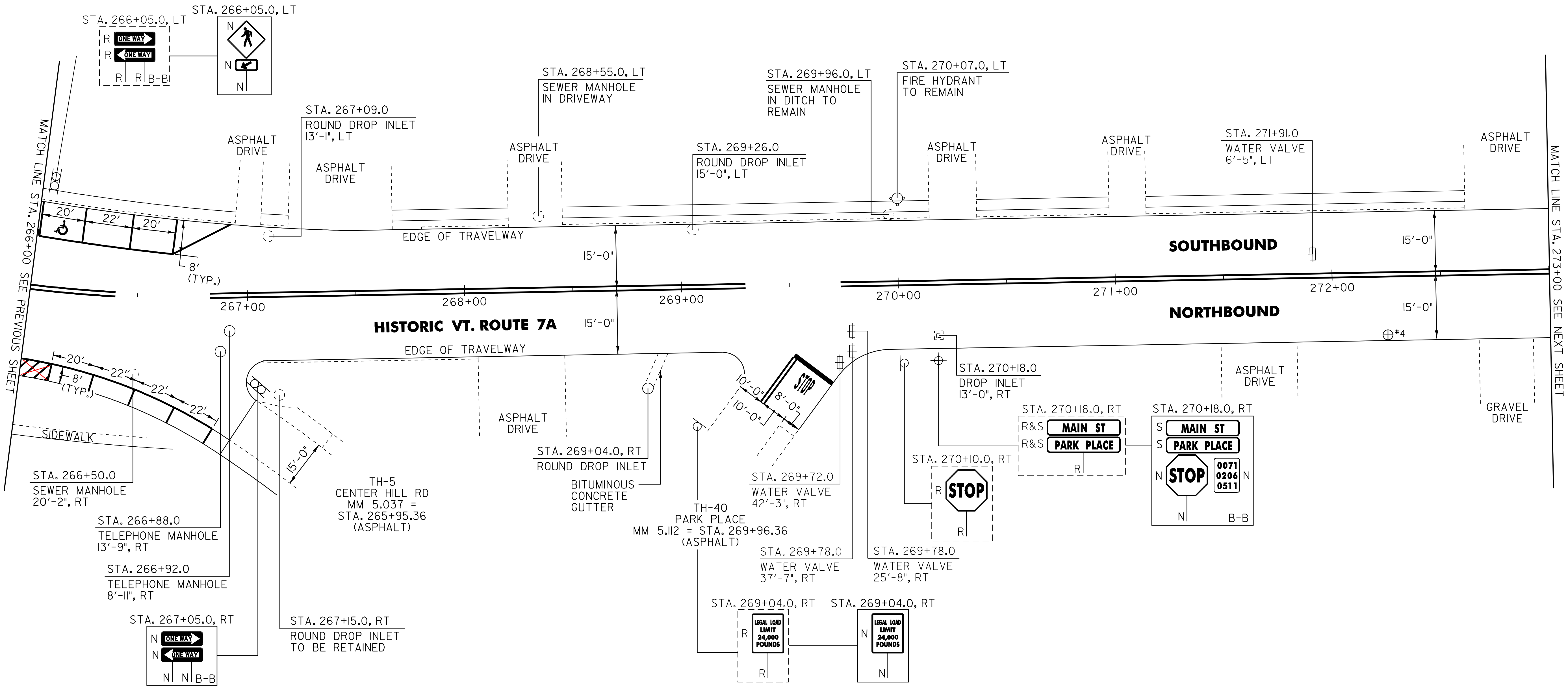
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 266+00.00 - STA. 273+00.00 DOUBLE SOLID C/L
 STA. 269+96.36 DOUBLE SOLID RT, TH-40

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 266+00.00 - STA. 273+00.00 DOUBLE SOLID C/L
 STA. 269+96.36 DOUBLE SOLID RT, TH-40

646.491 DURABLE LETTER OF SYMBOL, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 266+15.00 LT, HANDICAP SYMBOL (1 EA)
 STA. 269+96.36 RT, TH-40, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 266+15.00 LT, HANDICAP SYMBOL (2 EA)
 STA. 269+96.36 RT, TH-40, "S,T,O,P" (8 EA)

~~646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC~~
 HISTORIC VT. ROUTE 7A:
 STA. 266+00.00 - STA. 266+20.00 RT, NO PARKING HATCHING.
 ADDITIONAL PARKING SPACE REQUIRED.



604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 266+88.0 RT~~
~~STA. 266+92.0 RT~~

604.42 CHANGE ELEVATION OF SEWER MANHOLES
 HISTORIC VT. ROUTE 7A:
~~STA. 266+50.0 RT~~
~~STA. 268+55.0 LT~~

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 HISTORIC VT. ROUTE 7A:
 STA. 269+05.0 - STA. 269+09.0 RT (O.J.TON)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 267+09.0 LT
 STA. 269+04.0 RT
~~STA. 269+26.0 LT~~
 STA. 270+18.0 RT

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 269+72.0 RT
 STA. 269+78.0 RT
 STA. 269+78.0 RT
 STA. 271+91.0 LT

PAVEMENT CORES = ⊕

#	DEPTH (INCH)	PCC	COMMENTS
4	5	YES	

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

NOTE:
 1. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

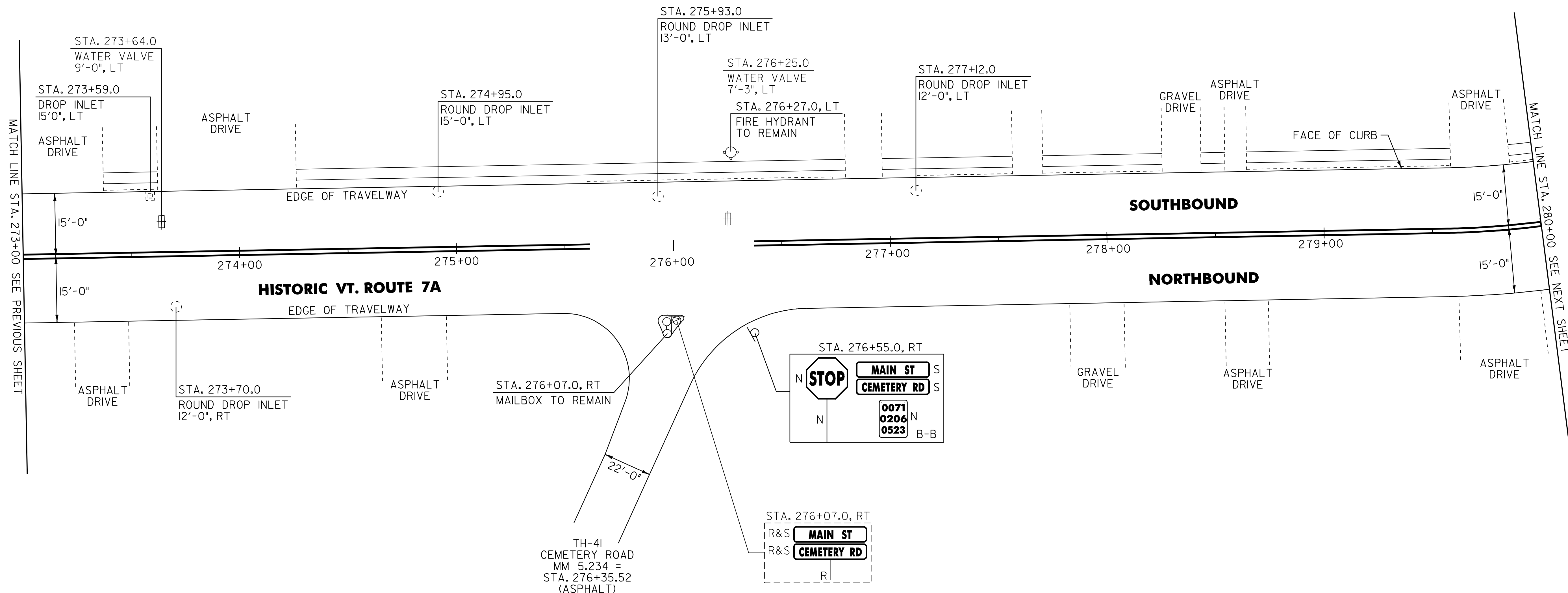
PROJECT LAYOUT SHEET #21

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
FILE NAME: p99c158.dgn	CHECKED BY: D.W.E.
PROJECT LEADER: D.E.G.	SHEET 35 OF 68
DESIGNED BY: M.J.M.	
IPARM FILE: p99c158121.i	

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 273+00.00 - STA. 280+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 HISTORIC VT. ROUTE 7A:
 STA. 273+00.00 - STA. 280+00.00 DOUBLE SOLID C/L

675.50 REMOVING SIGNS
 AS SHOWN - 2
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2



NOTE:
 I. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM HISTORIC VT. ROUTE 7A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #22

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

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
FILE NAME: p99cl58.dgn	CHECKED BY: D.W.E.
DESIGNED BY: M.J.M.	SHEET 36 OF 68
IPARM FILE: p99cl58i22.i	

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
~~STA. 273+59.0 LT~~
 STA. 273+70.0 RT
 STA. 274+95.0 LT
 STA. 275+93.0 LT
 STA. 277+12.0 LT

629.20 ADJUST ELEVATION OF VALVE BOX
 HISTORIC VT. ROUTE 7A:
 STA. 273+64.0 LT
 STA. 276+25.0 LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
 STA. 280+00.00 - STA. 281+84.64 DOUBLE SOLID C/L
 STA. 281+26.56 DOUBLE SOLID RT, TH-17

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
 STA. 280+00.00 - STA. 281+84.64 DOUBLE SOLID C/L
 STA. 281+26.56 DOUBLE SOLID RT, TH-17

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
 HISTORIC VT. ROUTE 7A:
 STA. 281+26.56 RT, TH-17

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 HISTORIC VT. ROUTE 7A:
 STA. 281+26.56 RT, TH-17

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
 VT. ROUTE II:
 STA. 281+26.56 RT, TH-17, "S,T,O,P" (4 EA)

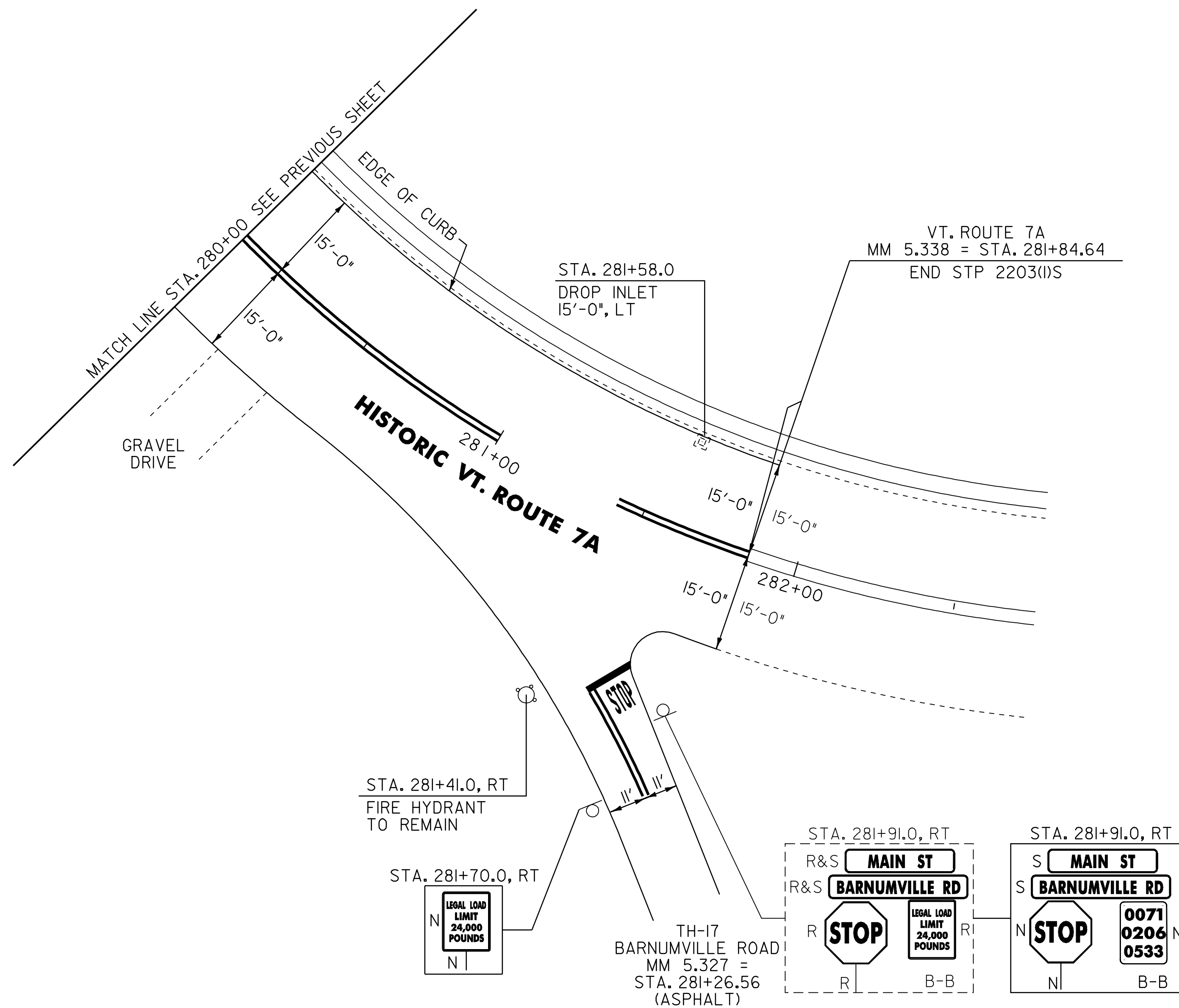
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 VT. ROUTE II:
 STA. 281+26.56 RT, TH-17, "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS

AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 HISTORIC VT. ROUTE 7A:
 STA. 281+58.0 LT

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

NOT TO SCALE

PROJECT LAYOUT SHEET #23

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: P99C158I23.1

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 37 OF 68

646.49 DURABLE LETTER OR SYMBOL, TYPE ITAPE

VT. ROUTE II:
 STA. 2+24.00 C/L, ARROW (1 EA)
 STA. 2+35.00 C/L, ARROW (1 EA)
 STA. 4+34.00 C/L, ARROW (1 EA)
 STA. 4+45.00 C/L, ARROW (1 EA)
 STA. 6+53.00 C/L, ARROW (1 EA)
 STA. 6+64.00 C/L, ARROW (1 EA)
 STA. 8+72.00 C/L, ARROW (1 EA)
 STA. 8+83.00 C/L, ARROW (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

VT. ROUTE II:
 STA. 2+24.00 C/L, ARROW (2 EA)
 STA. 2+35.00 C/L, ARROW (2 EA)
 STA. 4+34.00 C/L, ARROW (2 EA)
 STA. 4+45.00 C/L, ARROW (2 EA)
 STA. 6+53.00 C/L, ARROW (2 EA)
 STA. 6+64.00 C/L, ARROW (2 EA)
 STA. 8+72.00 C/L, ARROW (2 EA)
 STA. 8+83.00 C/L, ARROW (2 EA)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 VT. ROUTE II:
 STA. 2+00.00 - STA. 2+04.00 DOUBLE SOLID RT
 STA. 2+04.00 - STA. 9+00.00 SOLID/DASHED TURN LANE LINES LT/RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 VT. ROUTE II:
 STA. 2+00.00 - STA. 2+04.00 DOUBLE SOLID RT
 STA. 2+04.00 - STA. 9+00.00 SOLID/DASHED TURN LANE LINES LT/RT

646.501 DURABLE CROSSWALK MARKING, TYPE ITAPE

VT. ROUTE II:
 STA. 4+55.00 LT/RT
 STA. 4+80.48 RT, TH-45

646.702 TEMPORARY CROSSWALK MARKING, PAINT

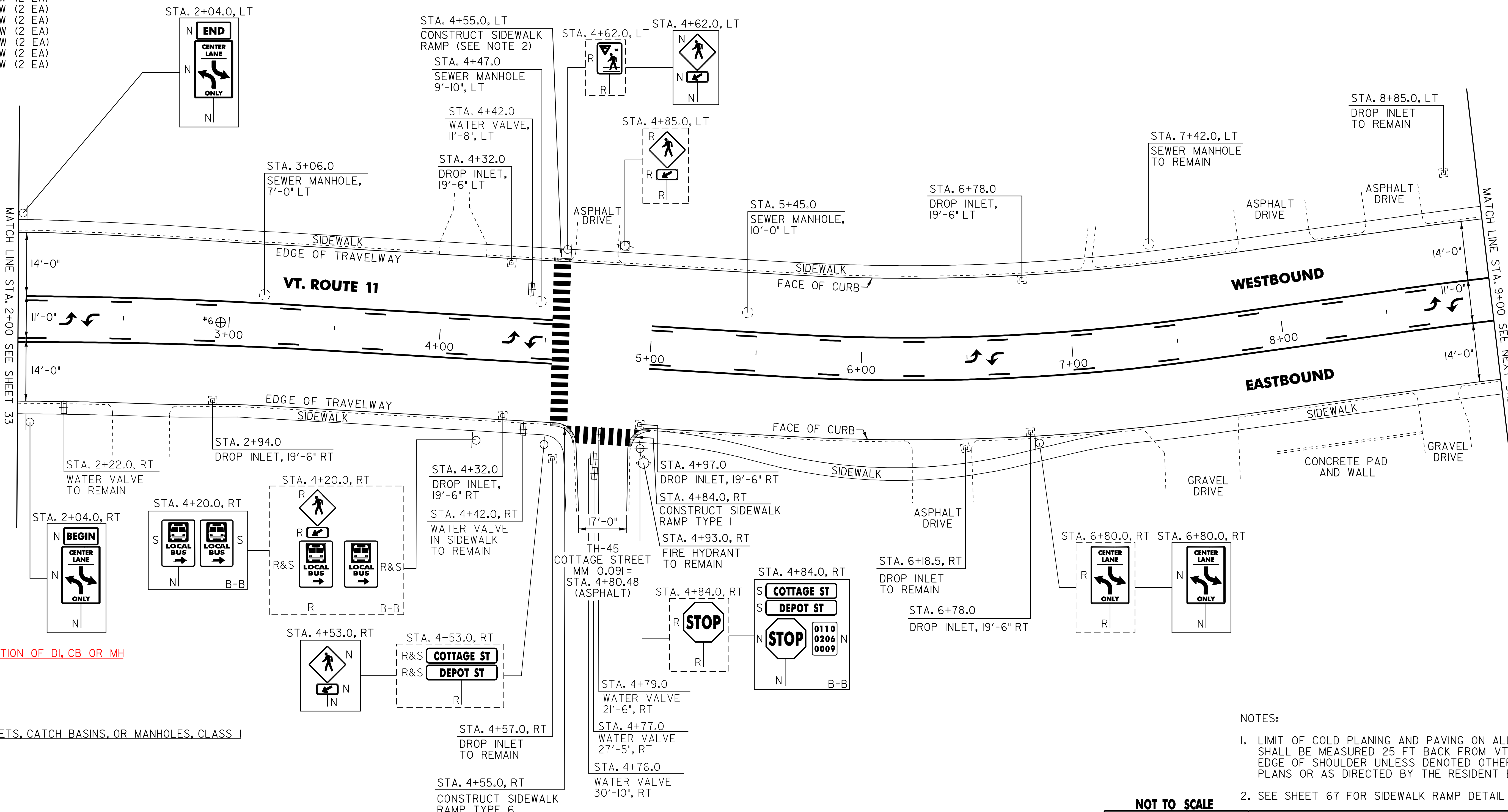
VT. ROUTE II:
 STA. 4+55.00 LT/RT
 STA. 4+80.48 RT, TH-45

675.50 REMOVING SIGNS

AS SHOWN - II

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 4



604.40 CHANGING ELEVATION OF DI, CB OR MH

VT. ROUTE II:
 STA. 4+32 LT (0.5 EA)
 STA. 4+97 RT (0.5 EA)
 STA. 6+18 RT (0.5 EA)
 STA. 6+78 LT (0.5 EA)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

VT. ROUTE II:
~~STA. 2+94.0 RT~~
~~STA. 4+32.0 RT~~
~~STA. 4+32.0 LT~~
~~STA. 4+97.0 RT~~
~~STA. 6+78.0 LT~~
~~STA. 6+78.0 RT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES 629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE II:
 STA. 3+06.0 LT
 STA. 4+47.0 LT
 STA. 5+45.0 LT
 VT. ROUTE II:
 STA. 4+42.0 LT
 STA. 4+76.0 RT
 STA. 4+77.0 RT
 STA. 4+79.0 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
6	8	NO	

SIGN LEGEND

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

NOTES:

- LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE II EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

NOT TO SCALE

PROJECT LAYOUT SHEET #24

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158124.1
 PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 38 OF 68

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
VT. ROUTE II:
STA. 9+00.00 - STA. 16+00.00 SOLID/DASHED TURN LANE LINES LT/RT
STA. 11+93.28 - DOUBLE SOLID RT, TH-42
646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE
VT. ROUTE II:
STA. 11+93.28 RT, TH-42

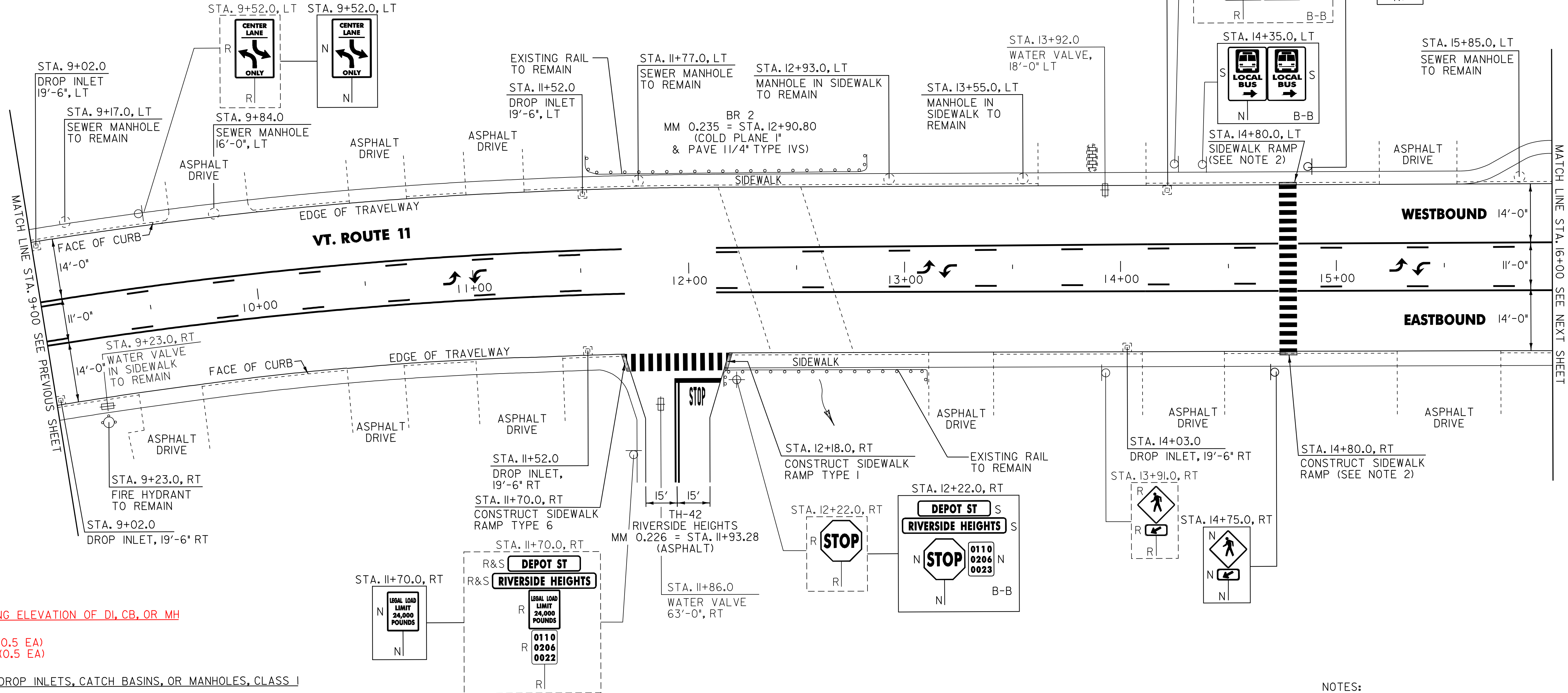
646.491 DURABLE LETTER OF SYMBOL, TYPE I TAPE
VT. ROUTE II:
STA. 10+91.00 C/L, ARROW (1 EA)
STA. 11+02.00 C/L, ARROW (1 EA)
STA. 11+93.28 RT, TH-42, "S,T,O,P" (4 EA)
STA. 13+10.00 C/L, ARROW (1 EA)
STA. 13+21.00 C/L, ARROW (1 EA)
STA. 15+29.00 C/L, ARROW (1 EA)
STA. 15+40.00 C/L, ARROW (1 EA)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
VT. ROUTE II:
STA. 9+00.00 - STA. 16+00.00 SOLID/DASHED TURN LANE LINES LT/RT
STA. 11+93.28 - DOUBLE SOLID RT, TH-42
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
VT. ROUTE II:
STA. 11+93.28 RT, TH-42

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
VT. ROUTE II:
STA. 10+91.00 C/L, ARROW (2 EA)
STA. 11+02.00 C/L, ARROW (2 EA)
STA. 11+93.28 RT, TH-42, "S,T,O,P" (8 EA)
STA. 13+10.00 C/L, ARROW (2 EA)
STA. 13+21.00 C/L, ARROW (2 EA)
STA. 15+29.00 C/L, ARROW (2 EA)
STA. 15+40.00 C/L, ARROW (2 EA)

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
HISTORIC VT. ROUTE II:
STA. 11+93.28 RT, TH-42
STA. 14+80.00 LT/RT
646.702 TEMPORARY CROSSWALK MARKING, PAINT
HISTORIC VT. ROUTE II:
STA. 11+93.28 RT, TH-42
STA. 14+80.00 LT/RT

675.50 REMOVING SIGNS
AS SHOWN - 12
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4



604.40 CHANGING ELEVATION OF DI, CB, OR MH
VT. ROUTE II:
STA. 9+02 LT (0.5 EA)
STA. 14+22 LT (0.5 EA)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
VT. ROUTE II:
~~STA. 9+02.0 LT~~
~~STA. 9+02.0 RT~~
~~STA. 11+52.0 LT~~
~~STA. 11+52.0 RT~~
~~STA. 14+03.0 RT~~
~~STA. 14+22.0 LT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES
VT. ROUTE II:
~~STA. 9+84.0 RT~~

629.20 ADJUST ELEVATION OF VALVE BOX
VT. ROUTE II:
STA. 11+86.0 RT
STA. 13+92.0 LT

NOTES:
1. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE II EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

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

PROJECT LAYOUT SHEET #25	NOT TO SCALE	
	PROJECT NAME: MANCHESTER PROJECT NUMBER: STP 2203(I)S FILE NAME: p99c158.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p99c158125.i	PLOT DATE: 09-MAY-2008 DRAWN BY: C.A.K. CHECKED BY: D.W.E. SHEET 39 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 11:
STA. 21+87.00 - STA. 23+00.00 EDGE LINE LT/RT
STA. 22+75.00 - STA. 23+00.00 SOLID LANE LINE RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

VT. ROUTE 11:
STA. 16+00.00 - STA. 21+87.00 SOLID/DASHED TURN LANE LINES LT/RT
STA. 21+87.00 - STA. 23+00.00 DOUBLE SOLID LT

646.491 DURABLE LETTER OR SYMBOL, TYPE ITAPE

VT. ROUTE 11:
STA. 17+48.00 C/L, ARROW (1 EA)
STA. 17+59.00 C/L, ARROW (1 EA)
STA. 19+67.00 C/L, ARROW (1 EA)
STA. 19+78.00 C/L, ARROW (1 EA)
STA. 21+73.00 C/L, ARROW (1 EA)
STA. 21+84.00 C/L, ARROW (1 EA)
STA. 22+79.00 C/L, ARROW (1 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE 11:
STA. 21+87.00 - STA. 23+00.00 EDGE LINE LT/RT
STA. 22+75.00 - STA. 23+00.00 SOLID LANE LINE RT

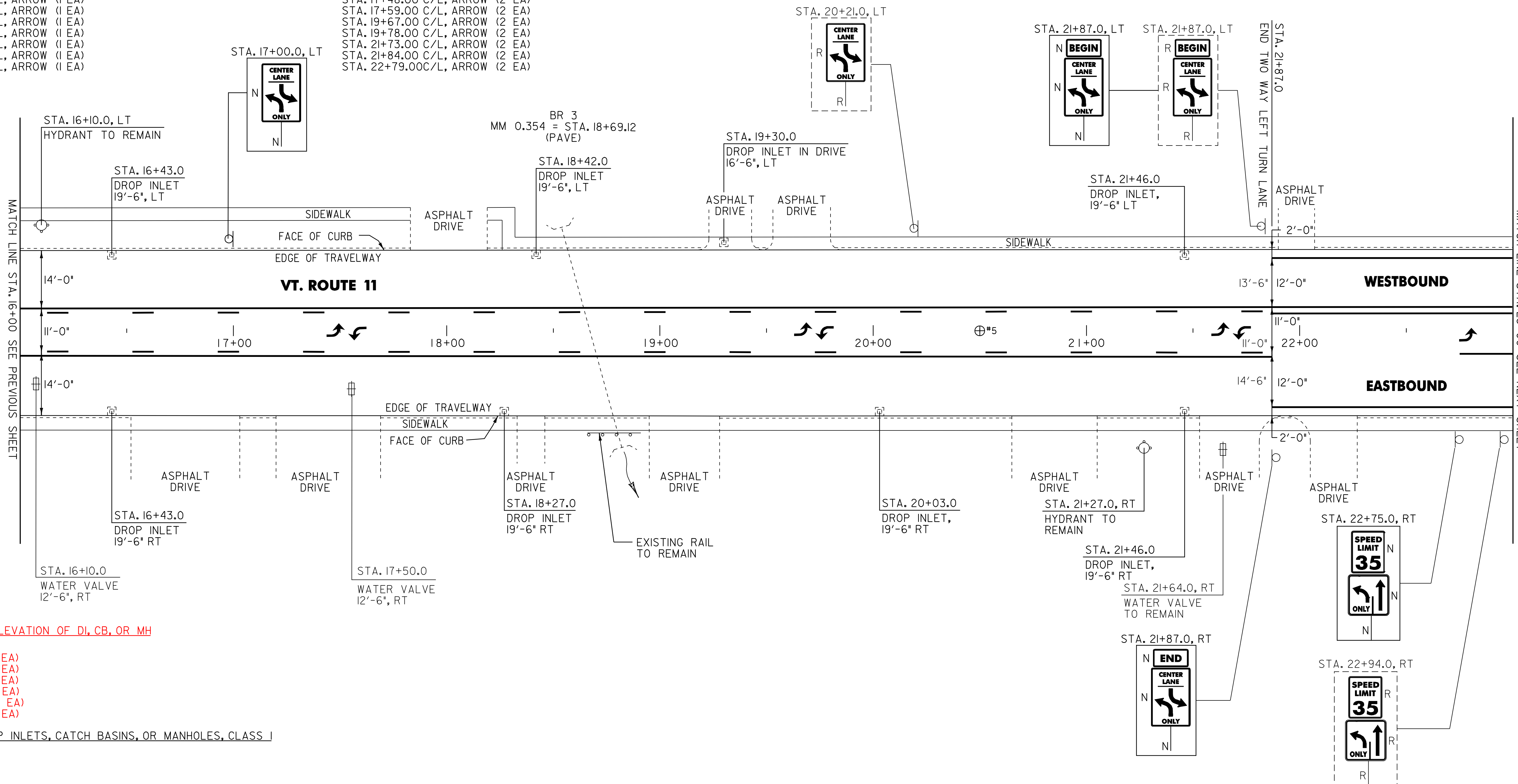
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

VT. ROUTE 11:
STA. 16+00.00 - STA. 21+87.00 SOLID/DASHED TURN LANE LINES LT/RT
STA. 21+87.00 - STA. 23+00.00 DOUBLE SOLID LT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

VT. ROUTE 11:
STA. 17+48.00 C/L, ARROW (2 EA)
STA. 17+59.00 C/L, ARROW (2 EA)
STA. 19+67.00 C/L, ARROW (2 EA)
STA. 19+78.00 C/L, ARROW (2 EA)
STA. 21+73.00 C/L, ARROW (2 EA)
STA. 21+84.00 C/L, ARROW (2 EA)
STA. 22+79.00 C/L, ARROW (2 EA)

675.50 REMOVING SIGNS
AS SHOWN - 5



VT. ROUTE 11:
STA. 16+43 LT (0.5 EA)
STA. 16+43 RT (0.5 EA)
STA. 18+27 RT (0.5 EA)
STA. 18+50 LT (0.5 EA)
STA. 20+03 RT (0.5 EA)
STA. 21+46 LT (0.5 EA)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

VT. ROUTE 11:
~~STA. 16+43.0 LT~~
~~STA. 16+43.0 RT~~
~~STA. 18+27.0 RT~~
~~STA. 18+42.0 LT~~
~~STA. 19+30.0 LT~~
~~STA. 20+03.0 RT~~
~~STA. 21+46.0 LT~~
~~STA. 21+46.0 RT~~

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE 11:
STA. 16+10.0 RT
STA. 17+50.0 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
5	7	NO	

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

NOT TO SCALE

PROJECT LAYOUT SHEET #26

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99c158126.dgn

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 40 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE II:
 STA. 23+00.00 - STA. 23+53.00 SOLID LANE LINE RT
 STA. 23+00.00 - STA. 29+67.36 EDGE LINE LT/RT
 STA. 24+18.24 SOLID LANE LINE LT, TH-5
 STA. 24+65.00 - STA. 26+01.00 SOLID LANE LINE RT
 STA. 26+45.28 SOLID LANE LINE RT, TH-6
 STA. 27+21.00 - STA. 28+45.0 SOLID LANE LINE LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)

VT. ROUTE II:
 STA. 23+00.00 - STA. 23+53.00 DOUBLE SOLID LT
 STA. 24+18.24 DOUBLE SOLID LT, TH-5
 STA. 24+65.00 - STA. 26+01.00 DOUBLE SOLID LT
 STA. 26+45.28 DOUBLE SOLID RT, TH-6
 STA. 27+47.00 - STA. 29+05.00 DOUBLE SOLID RT
 STA. 29+05.00 - STA. 29+67.36 SOLID/DASH TURN LANE LINES LT/RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR TOWN HIGHWAYS)

VT. ROUTE II:
 STA. 23+00.00 - STA. 23+53.00 SOLID LANE LINE RT
 STA. 23+00.00 - STA. 29+67.36 EDGE LINE LT/RT
 STA. 24+18.24 SOLID LANE LINE LT, TH-5
 STA. 24+65.00 - STA. 26+01.00 SOLID LANE LINE RT
 STA. 26+45.28 SOLID LANE LINE RT, TH-6
 STA. 27+21.00 - STA. 28+45.0 SOLID LANE LINE LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)

VT. ROUTE II:
 STA. 23+00.00 - STA. 23+53.00 DOUBLE SOLID LT
 STA. 24+18.24 DOUBLE SOLID LT, TH-5
 STA. 24+65.00 - STA. 26+01.00 DOUBLE SOLID LT
 STA. 26+45.28 DOUBLE SOLID RT, TH-6
 STA. 27+47.00 - STA. 29+05.00 DOUBLE SOLID RT
 STA. 29+05.00 - STA. 29+67.36 SOLID/DASH TURN LANE LINES LT/RT

646.481 DURABLE 24 INCH STOP BAR, TYPE I TAPE

VT. ROUTE II:
 STA. 23+54.00 LT/RT
 STA. 24+18.24 LT, TH-5
 STA. 24+64.00 LT
 STA. 26+02.00 LT/RT
 STA. 26+45.28 RT, TH-6
 STA. 27+20.00 LT/RT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

VT. ROUTE II:
 STA. 23+46.00 C/L, ARROW (1EA)
 STA. 24+18.24 LT, TH-5 ARROWS (2 EA)
 STA. 24+68.00 C/L ARROW (2 EA)
 STA. 25+30.00 C/L, "O,N,L,Y" (4 EA)
 STA. 25+92.00 C/L, ARROW (1EA)
 STA. 26+45.28 RT, TH-6 ARROWS (3 EA)
 STA. 27+28.00 C/L, ARROW (1EA)
 STA. 27+85.00 C/L, "O,N,L,Y" (4 EA)
 STA. 28+42.00 C/L, ARROW (1EA)
 STA. 29+29.00 C/L, ARROW (1EA)
 STA. 29+40.00 C/L, ARROW (1EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

VT. ROUTE II:
 STA. 23+54.00 LT/RT
 STA. 24+18.24 LT, TH-5
 STA. 24+64.00 LT
 STA. 26+02.00 LT/RT
 STA. 26+45.28 RT, TH-6
 STA. 27+20.00 LT/RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

VT. ROUTE II:
 STA. 23+46.00 C/L, ARROW (2 EA)
 STA. 24+18.24 LT, TH-5 ARROWS (4 EA)
 STA. 24+68.00 C/L ARROW (4 EA)
 STA. 25+92.00 C/L, ARROW (2 EA)
 STA. 26+45.28 RT, TH-6 ARROWS (6 EA)
 STA. 27+28.00 C/L, ARROW (2 EA)
 STA. 28+42.00 C/L, ARROW (2 EA)
 STA. 29+29.00 C/L, ARROW (2 EA)
 STA. 29+40.00 C/L, ARROW (2 EA)

646.702 TEMPORARY CROSSWALK MARKING, TYPE I TAPE

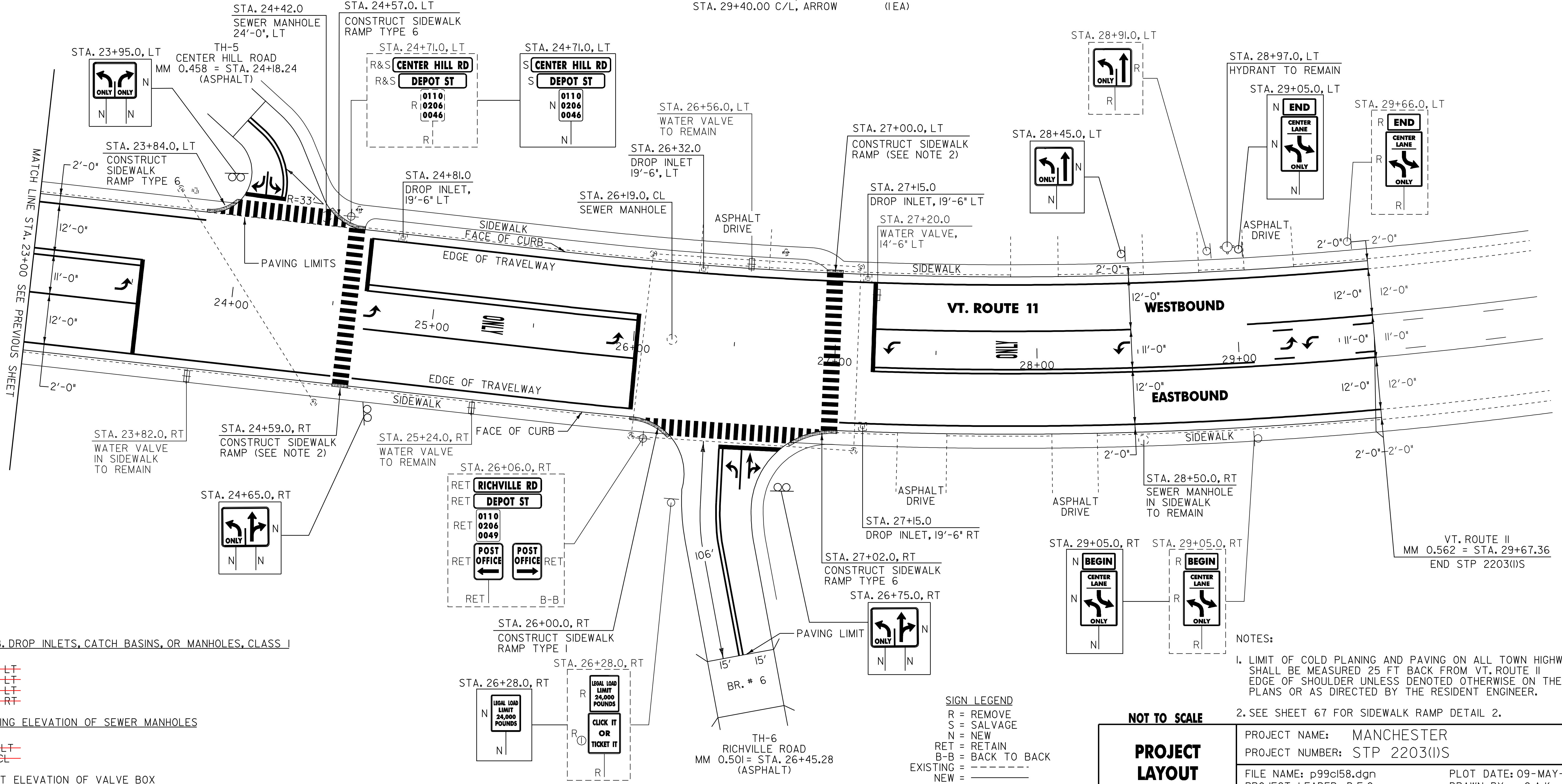
VT. ROUTE II:
 STA. 24+18.24 LT, TH-5
 STA. 24+59.00 LT/RT
 STA. 26+45.28 RT, TH-6
 STA. 27+00.00 LT/RT

675.50 REMOVING SIGNS

AS SHOWN - IO

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2



604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

VT. ROUTE II:
~~STA. 24+81.0 LT~~
~~STA. 26+32.0 LT~~
~~STA. 27+15.0 LT~~
~~STA. 27+15.0 RT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES

VT. ROUTE II:
~~STA. 24+42.0 LT~~
~~STA. 26+19.0 CL~~

629.20 ADJUST ELEVATION OF VALVE BOX

VT. ROUTE II:
 STA. 27+20.0 LT

SIGN LEGEND
 R = REMOVE
 S = SALVAGE
 N = NEW
 RET = RETAIN
 B-B = BACK TO BACK
 EXISTING =
 NEW =
 ⊙ = SIGN TO BE RETURNED TO THE TOWN OF MANCHESTER

NOTES:
 1. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE II EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 2. SEE SHEET 67 FOR SIDEWALK RAMP DETAIL 2.

NOT TO SCALE
PROJECT LAYOUT SHEET #27

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S
 FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158i27.i
 PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 41 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 2+00.00 - STA. 2+40.00 RT, PARKING SPACES
 STA. 2+00.00 - STA. 3+50.00 LT, PARKING SPACES
 STA. 3+80.00 - STA. 5+82.00 LT, PARKING SPACES
 STA. 3+88.00 - STA. 4+73.00 RT, PARKING SPACES
 STA. 4+87.00 - STA. 5+51.00 RT, PARKING SPACES
 STA. 5+87.00 - STA. 7+40.00 RT, PARKING SPACES
 STA. 5+99.00 - STA. 6+84.00 LT, PARKING SPACES
 STA. 6+94.00 - STA. 7+56.00 LT, PARKING SPACES
 STA. 7+50.00 - STA. 8+44.00 RT, PARKING SPACES
 STA. 7+66.00 - STA. 8+18.00 LT, PARKING SPACES
 STA. 8+28.00 - STA. 8+95.00 LT, PARKING SPACES
 STA. 8+95.00 - STA. 9+00.00 EDGE LINE, LT/RT
STA. 2+95.00 - STA. 3+40.00 NO PARKING, HATCHING RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 2+00.00 - STA. 9+00.00 DOUBLE SOLID C/L

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 2+00.00 - STA. 2+40.00 RT, PARKING SPACES
 STA. 2+00.00 - STA. 3+50.00 LT, PARKING SPACES
 STA. 3+80.00 - STA. 5+82.00 LT, PARKING SPACES
 STA. 3+88.00 - STA. 4+73.00 RT, PARKING SPACES
 STA. 4+87.00 - STA. 5+51.00 RT, PARKING SPACES
 STA. 5+87.00 - STA. 7+40.00 RT, PARKING SPACES
 STA. 5+99.00 - STA. 6+84.00 LT, PARKING SPACES
 STA. 6+94.00 - STA. 7+56.00 LT, PARKING SPACES
 STA. 7+50.00 - STA. 8+44.00 RT, PARKING SPACES
 STA. 7+66.00 - STA. 8+18.00 LT, PARKING SPACES
 STA. 8+28.00 - STA. 8+95.00 LT, PARKING SPACES
 STA. 8+95.00 - STA. 9+00.00 EDGE LINE, LT/RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 2+00.00 - STA. 9+00.00 DOUBLE SOLID C/L

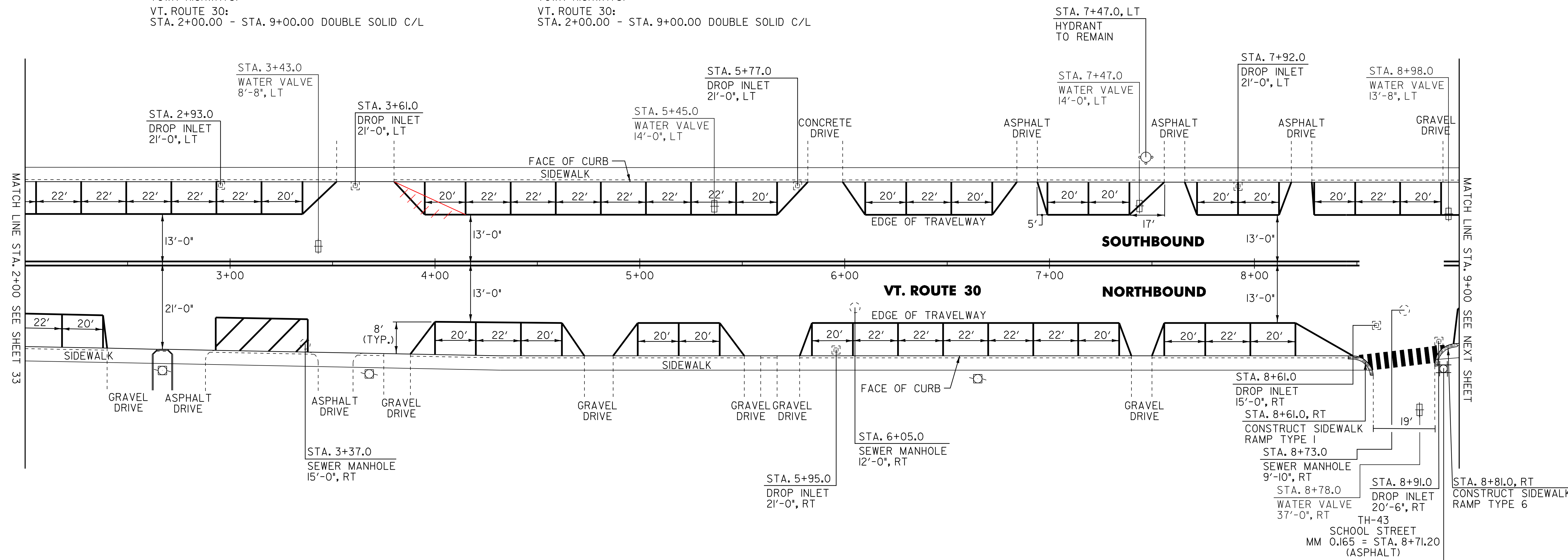
~~**646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC**~~
 VT. ROUTE 30:
~~STA. 2+95.00 - STA. 3+40.00 RT, NO PARKING HATCHING.~~

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
 VT. ROUTE 30:
 STA. 8+71.20 RT, TH-43

675.50 REMOVING SIGNS
 AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2

646.702 TEMPORARY CROSSWALK MARKING, PAINT
 VT. ROUTE 30:
 STA. 8+71.20 RT, TH-43



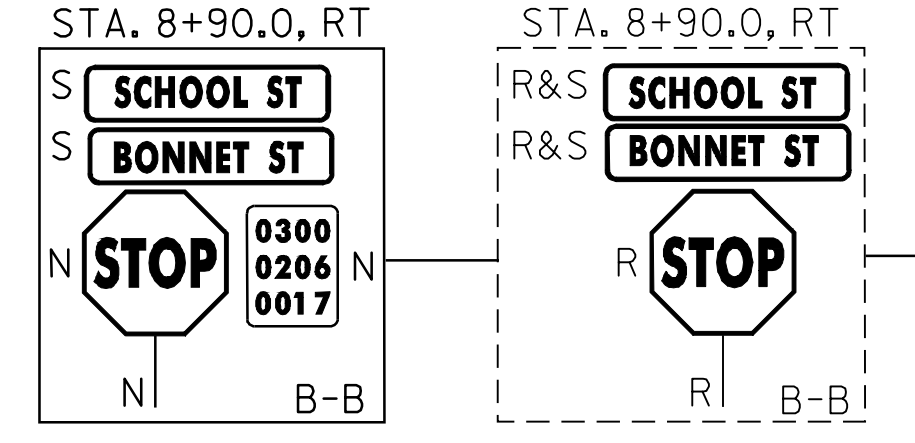
604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
 VT. ROUTE 30:
~~STA. 2+93.0 LT~~
~~STA. 3+61.0 LT~~
~~STA. 5+77.0 LT~~
 STA. 5+95.0 RT
~~STA. 7+92.0 LT~~
 STA. 8+61.0 RT
 STA. 8+91.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 VT. ROUTE 30:
~~STA. 3+37.0 RT~~
~~STA. 6+05.0 RT~~
~~STA. 8+73.0 RT~~

629.20 ADJUST ELEVATION OF VALVE BOX
 VT. ROUTE 30:
 STA. 3+43.0 LT
 STA. 5+45.0 LT
 STA. 7+47.0 LT
 STA. 8+78.0 RT
 STA. 8+98.0 LT

NOTE:
 I. LIMIT OF COLD PLANING AND PAVING ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 30 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 = _____



NOT TO SCALE

PROJECT LAYOUT SHEET #28

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99cl58L28.1

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 42 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

VT. ROUTE 30:
STA. 9+00.00 - STA. 14+00.00 EDGE LINE, LT/RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

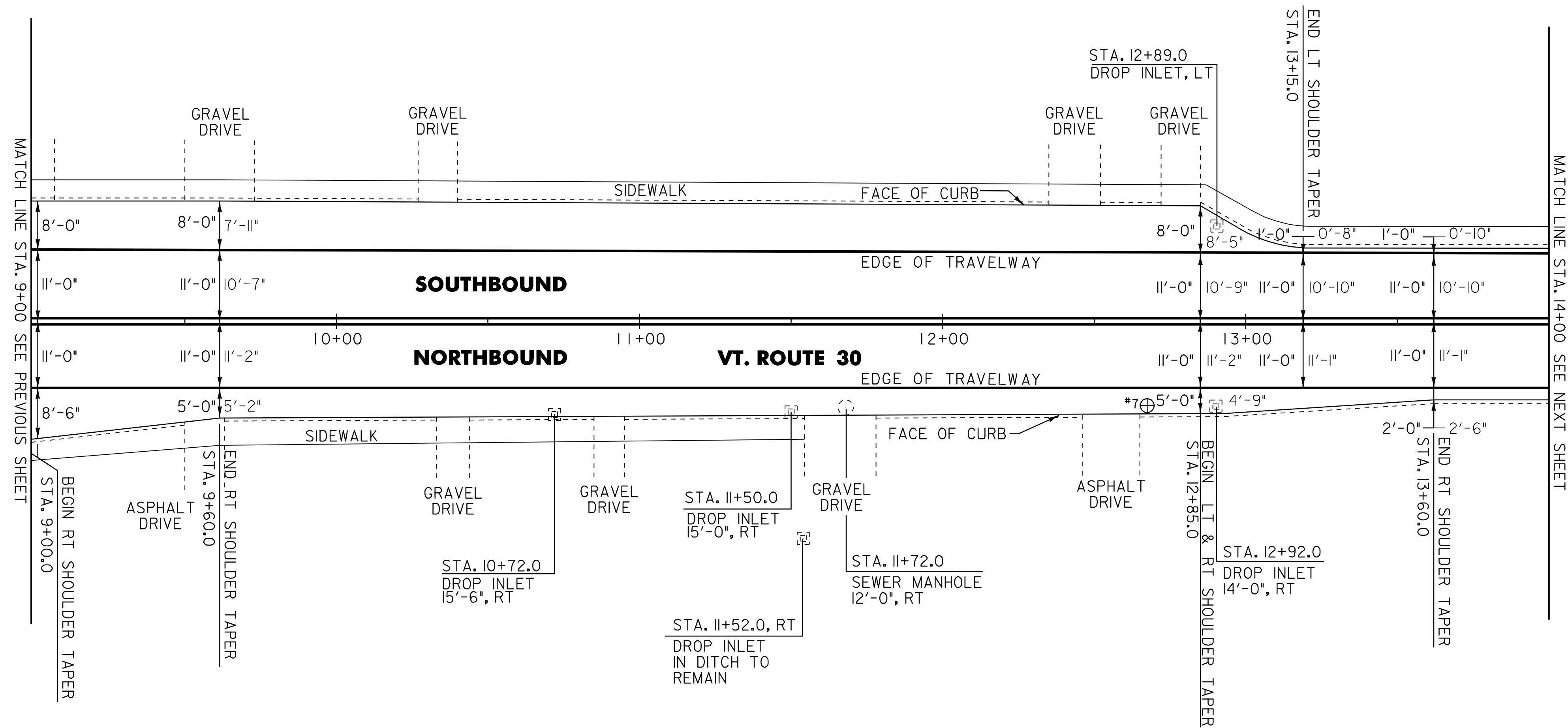
VT. ROUTE 30:
STA. 9+00.00 - STA. 14+00.00 DOUBLE SOLID C/L

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

VT. ROUTE 30:
STA. 9+00.00 - STA. 14+00.00 EDGE LINE, LT/RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

VT. ROUTE 30:
STA. 9+00.00 - STA. 14+00.00 DOUBLE SOLID C/L



604.40 CHANGING ELEVATION OF DI, CB, OR MH

VT. ROUTE 30:
STA. 11+50 RT (0.5 EA)

604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I

VT. ROUTE 30:
~~STA. 10+72.0 RT~~
~~STA. 11+50.0 RT~~
STA. 12+89.0 LT
~~STA. 12+92.0 RT~~

604.42 CHANGING ELEVATION OF SEWER MANHOLES

VT. ROUTE 30:
~~STA. 11+72.0 RT~~

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
7	6 1/2	NO	

NOT TO SCALE

PROJECT LAYOUT SHEET #29

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99c158129.1

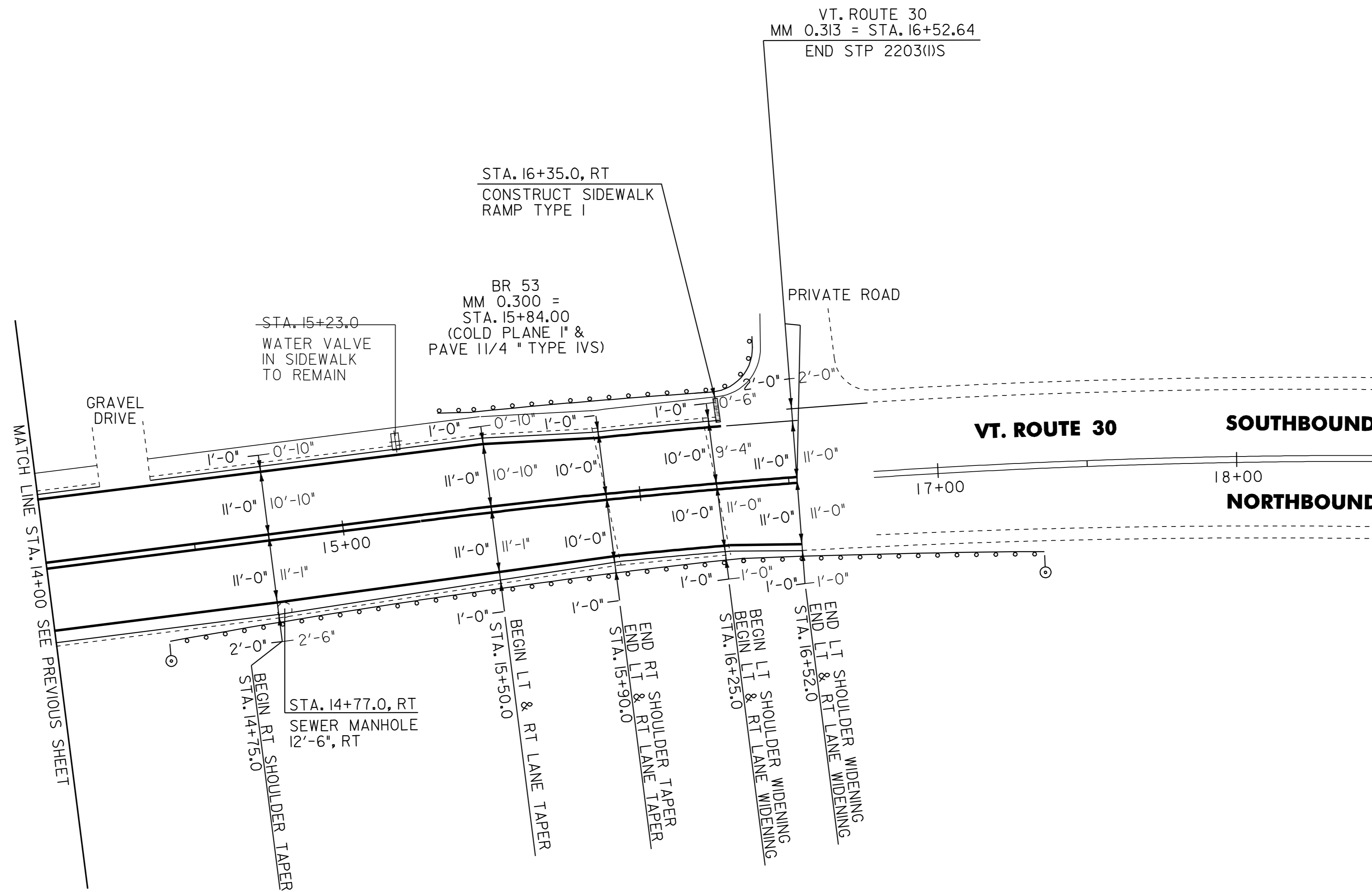
PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 43 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 VT. ROUTE 30:
 STA. 14+00.00 - STA. 16+52.64 EDGE LINE, LT/RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 14+00.00 - STA. 16+52.64 DOUBLE SOLID C/L

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 VT. ROUTE 30:
 STA. 14+00.00 - STA. 16+52.64 EDGE LINE, LT/RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C/L BREAKS FOR
 TOWN HIGHWAYS)
 VT. ROUTE 30:
 STA. 14+00.00 - STA. 16+52.64 DOUBLE SOLID C/L



604.42 CHANGING ELEVATION OF SEWER MANHOLES

VT. ROUTE 30:
~~STA. 14+77.0 RT~~

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

VT. ROUTE 30:
 STA. 14+78.0 - STA. 15+65.5 RT (87.5 LF)
 STA. 15+34.0 - STA. 15+48.5 LT (14.5 LF) 16.5
 STA. 16+23.5 - STA. 16+38.0 LT (14.5 LF)
 STA. 16+65.5 - STA. 16+90.5 RT (25.0 LF)
 43.0

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

VT. ROUTE 30:
 STA. 15+48.5 - STA. 15+79.5 LT (41.2 LF) 32.5
 STA. 15+65.5 - STA. 15+90.5 RT (32.5 LF)
 STA. 16+34.3 - STA. 16+65.5 RT (41.2 LF) 47.5
 28.0

621.50 MANUFACTURED TERMINAL SECTION, FLARED

VT. ROUTE 30:
 STA. 14+40.5 - STA. 14+78.0 RT
 STA. 16+90.5 - STA. 17+28.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

VT. ROUTE 30:
 STA. 15+34.0 - STA. 15+79.7 LT (45.7 LF)
 STA. 14+42.0 - STA. 15+90.5 RT (148.5 LF)
 STA. 16+23.5 - STA. 16+38.0 LT (14.5 LF)
 STA. 16+34.3 - STA. 17+30.0 RT (95.5 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE
 VT. ROUTE 30:
 STA. 14+40.5 RT
 STA. 17+28.0 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

VT. ROUTE 30:
 STA. 15+47 RT
 STA. 15+43 LT

900.540 SUPPLEMENTAL AGREEMENT (525.40 BRIDGE RAIL, GAL. HDSB, CURB MOUNTED (MOD.))

VT. ROUTE 30:
 STA. 15+84 - STA. 16+21 LT (37.5 FT)
 STA. 15+90 - STA. 16+28 RT (37.5 FT)

NOTE:

1. SEE SHEETS 63 AND 64 FOR BR 53 DETAILS.
 SEE SHEET 65 FOR BRIDGE CURB REPAIR
 DETAILS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #30**

PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158130.i

PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 44 OF 68

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
STA. 237+45.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 237+50.00 DOTTED LINE RT
STA. 238+02.24 DOTTED LINE RT, PARKING LOT
STA. 238+02.24 SOLID MEDIAN EDGE LINE RT, PARKING LOT
STA. 238+23.36 DOTTED LINE LT, PARKING LOT
STA. 238+23.36 SOLID MEDIAN EDGE LINE LT, PARKING LOT
STA. 238+55.00 DOTTED LINE LT
STA. 238+55.00 SOLID MEDIAN EDGE LINE LT/RT

646.602 TEMPORARY 4 WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
STA. 237+45.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 237+50.00 DOTTED LINE RT
STA. 238+02.24 DOTTED LINE RT, PARKING LOT
STA. 238+02.24 SOLID MEDIAN EDGE LINE RT, PARKING LOT
STA. 238+23.36 DOTTED LINE LT, PARKING LOT
STA. 238+23.36 SOLID MEDIAN EDGE LINE LT, PARKING LOT
STA. 238+55.00 DOTTED LINE LT
STA. 238+55.00 SOLID MEDIAN EDGE LINE LT/RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
STA. 237+00.00 - STA. 237+45.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 238+00.00 CENTER CIRCLE EDGE LINE
STA. 238+02.24 SOLID MEDIAN EDGE LINES RT, PARKING LOT
STA. 238+23.36 SOLID MEDIAN EDGE LINES LT, PARKING LOT
STA. 238+55.00 - STA. 239+20.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 239+20.00 - STA. 239+50.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)

HISTORIC VT. ROUTE 7A:
STA. 237+00.00 - STA. 237+45.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 238+00.00 CENTER CIRCLE EDGE LINE
STA. 238+02.24 SOLID MEDIAN EDGE LINES RT, PARKING LOT
STA. 238+23.36 SOLID MEDIAN EDGE LINES LT, PARKING LOT
STA. 238+55.00 - STA. 239+20.00 SOLID MEDIAN EDGE LINE LT/RT
STA. 239+20.00 - STA. 239+50.00 DOUBLE SOLID C/L

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

HISTORIC VT. ROUTE 7A:
STA. 237+47.00 RT, YIELD LINE (5 EA)
STA. 238+23.36 LT, YIELD LINE (5 EA)
STA. 238+02.24 RT, YIELD LINE (5 EA)
STA. 238+53.00 LT, YIELD LINE (6 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

HISTORIC VT. ROUTE 7A:
STA. 237+47.00 RT, YIELD LINE (10 EA)
STA. 238+23.36 LT, YIELD LINE (10 EA)
STA. 238+02.24 RT, YIELD LINE (10 EA)
STA. 238+53.00 LT, YIELD LINE (12 EA)

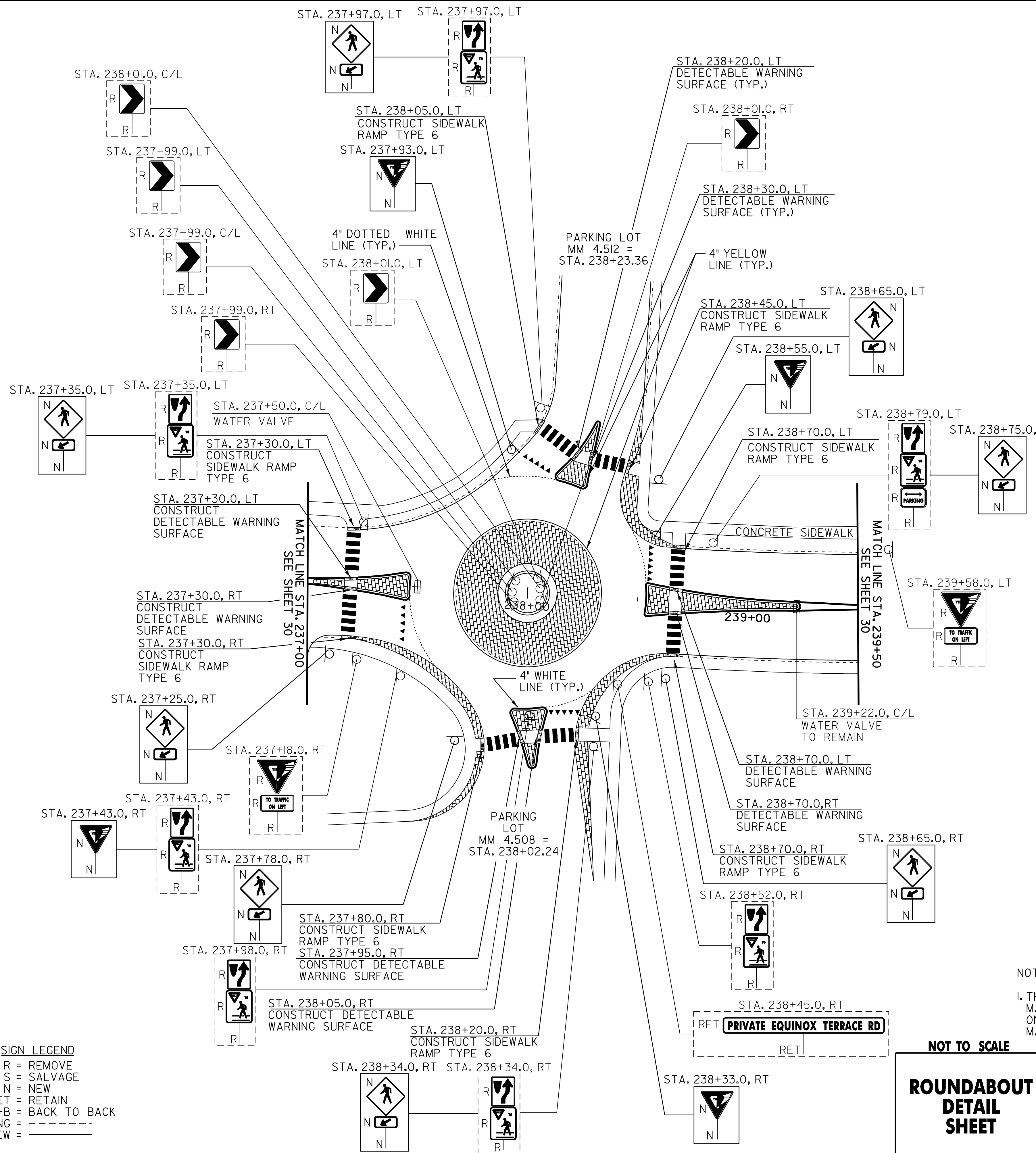
646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE

HISTORIC VT. ROUTE 7A:
STA. 237+30.00 LT/RT
STA. 238+02.24 RT, PARKING LOT
STA. 238+23.36 LT, PARKING LOT
STA. 238+70.00 LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT

HISTORIC VT. ROUTE 7A:
STA. 237+30.00 LT/RT
STA. 238+02.24 RT, PARKING LOT
STA. 238+23.36 LT, PARKING LOT
STA. 238+70.00 LT/RT

675.50 REMOVING SIGNS
AS SHOWN - 25



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

NOTE:
I. THE CONTRACTOR SHALL REMOVE THE EXISTING RAISED PAVEMENT MARKINGS LOCATED ALONG THE EXISTING RAISED SPLITTER ISLANDS ON HISTORIC VT. ROUTE 7A AND RETURN THEM TO THE TOWN OF MANCHESTER AS DIRECTED BY THE RESIDENT ENGINEER.

ROUNDABOUT DETAIL SHEET	NOT TO SCALE	
	PROJECT NAME: MANCHESTER	PROJECT NUMBER: STP 2203(I)S
	FILE NAME: p99cl58.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p99cl58rd.dgn	PLOT DATE: 09-MAY-2008 DRAWN BY: C.A.K. CHECKED BY: D.W.E. SHEET 45 OF 68

629.20 ADJUST ELEVATION OF VALVE BOX
HISTORIC VT. ROUTE 7A:
STA. 237+50.0 C/L

678.22 VEHICLE LOOP DETECTOR

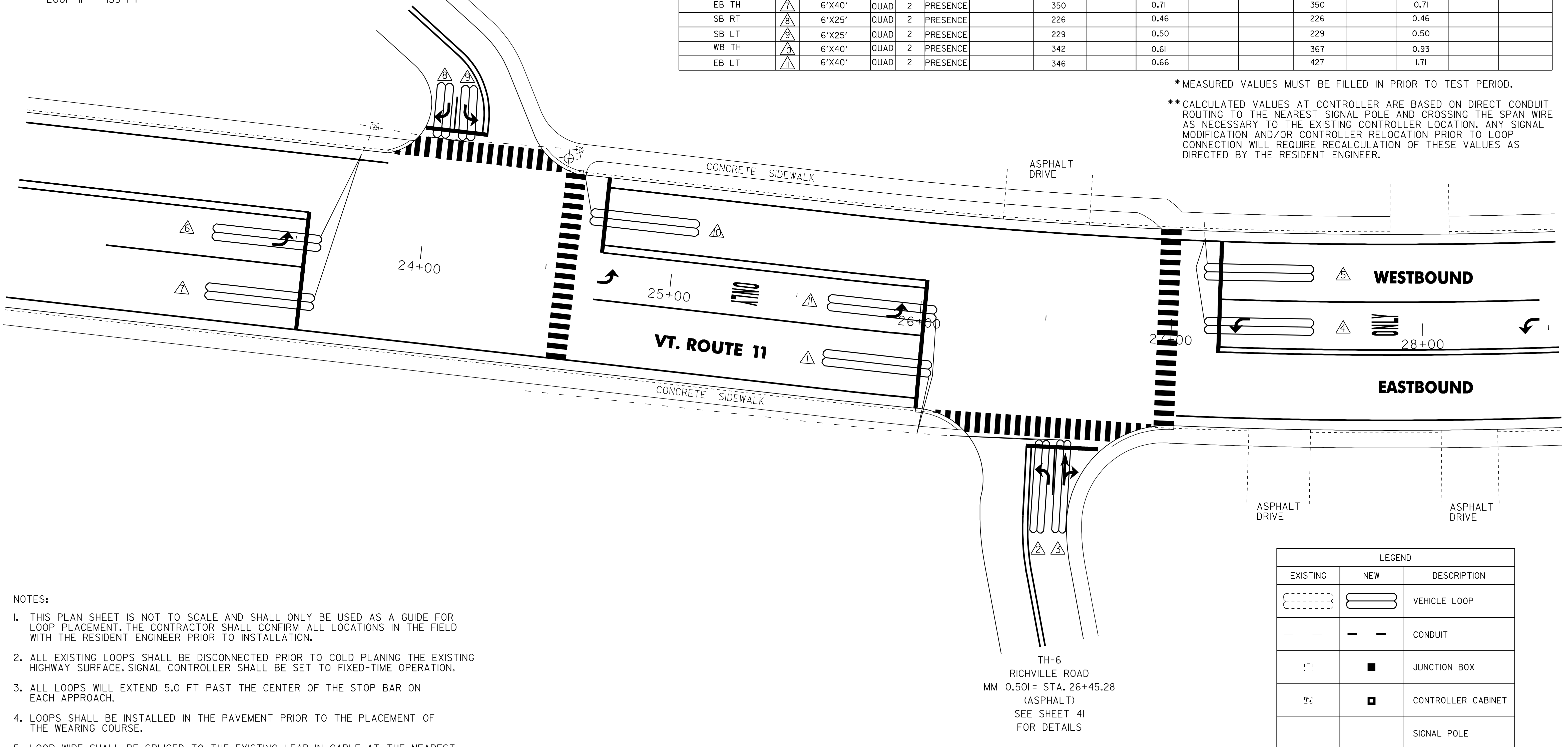
- LOOP I - 146 FT
- LOOP 2 - 175 FT
- LOOP 3 - 192 FT
- LOOP 4 - 152 FT
- LOOP 5 - 140 FT
- LOOP 6 - 152 FT
- LOOP 7 - 164 FT
- LOOP 8 - 100 FT
- LOOP 9 - 113 FT
- LOOP 10 - 137 FT
- LOOP II - 159 FT

TH-5
CENTER HILL ROAD
MM 0.458 = STA. 24+18.24
(ASPHALT)
SEE SHEET 41
FOR DETAILS

VEHICLE LOOP DETECTORS						TEST RESULTS AT NEAREST JUNCTION BOX/POLE			TEST RESULTS AT CONTROLLER (FUTURE USE)**							
						INDUCTANCE (uH)		RESISTANCE Ω @ 25°C		(MΩ)	INDUCTANCE (uH)		RESISTANCE Ω @ 25°C		(MΩ)	
LANE	LOOP NO.	SIZE	TYPE	NO TURNS	MODE	AMP	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
EB TH	1	6'X40'	QUAD	2	PRESENCE		343		0.62			424		1.67		
NB LT	2	6'X40'	QUAD	2	PRESENCE		352		0.73			433		1.78		
NB TH	3	6'X40'	QUAD	2	PRESENCE		356		0.79			437		1.84		
WB LT	4	6'X40'	QUAD	2	PRESENCE		345		0.64			480		2.39		
WB TH	5	6'X40'	QUAD	2	PRESENCE		342		0.60			477		2.35		
EB LT	6	6'X40'	QUAD	2	PRESENCE		347		0.67			347		0.67		
EB TH	7	6'X40'	QUAD	2	PRESENCE		350		0.71			350		0.71		
SB RT	8	6'X25'	QUAD	2	PRESENCE		226		0.46			226		0.46		
SB LT	9	6'X25'	QUAD	2	PRESENCE		229		0.50			229		0.50		
WB TH	10	6'X40'	QUAD	2	PRESENCE		342		0.61			367		0.93		
EB LT	11	6'X40'	QUAD	2	PRESENCE		346		0.66			427		1.71		

* MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

** CALCULATED VALUES AT CONTROLLER ARE BASED ON DIRECT CONDUIT ROUTING TO THE NEAREST SIGNAL POLE AND CROSSING THE SPAN WIRE AS NECESSARY TO THE EXISTING CONTROLLER LOCATION. ANY SIGNAL MODIFICATION AND/OR CONTROLLER RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES AS DIRECTED BY THE RESIDENT ENGINEER.



NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR LOOP PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. ALL EXISTING LOOPS SHALL BE DISCONNECTED PRIOR TO COLD PLANING THE EXISTING HIGHWAY SURFACE. SIGNAL CONTROLLER SHALL BE SET TO FIXED-TIME OPERATION.
3. ALL LOOPS WILL EXTEND 5.0 FT PAST THE CENTER OF THE STOP BAR ON EACH APPROACH.
4. LOOPS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
5. LOOP WIRE SHALL BE SPLICED TO THE EXISTING LEAD-IN CABLE AT THE NEAREST JUNCTION BOX/POLE.
6. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS THE RESIDENT ENGINEER MUST APPROVE THE NEW LAYOUT PRIOR TO INSTALLATION.
7. SEE VAOT STANDARD E-172 FOR VEHICLE DETECTOR LOOP DETAILS.

NOT TO SCALE

TRAFFIC LOOP LAYOUT SHEET

LEGEND		
EXISTING	NEW	DESCRIPTION
		VEHICLE LOOP
		CONDUIT
		JUNCTION BOX
		CONTROLLER CABINET
		SIGNAL POLE













PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p04b050+lp.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 46 OF 68

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS														REMARKS	SIGN DETAIL			
				"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)					W-SHAPE STEEL			REQUIRE
		EA	WIDTH (In)								HEIGHT (In)	1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5		4.0	5.0	FTG. SIZE	
				lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	24"	30"																		

OPTION ITEMS																																		
HISTORIC VT. ROUTE 7A: 134+99.0, LT																													SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-			
		0071 0206 0256	30	30	6.25																									BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700	E-143 E-138			
170+01.0, RT																														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-		
		0071 0206 0322	30	30	6.25																										BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700	E-143 E-138		
172+67.0, LT																															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-	
		0071 0206 0327	30	30	6.25																										BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700	E-143 E-138		
187+50.0, RT			30	30	6.25																										SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152		
			24	12	2.00																										SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152		
188+85.0, LT			30	30	6.25																											SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152	
			24	12	2.00																											SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152	
188+95.0, RT																																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		0071 0206 0357	30	30	6.25																											BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700	E-143 E-138	

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS

SF	SF	EA.	SF		LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
43.18		6			82.0	84.0										

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(1)S
FILE NAME: tss.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99c158+ss01.i
PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 47 OF 68

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS E A WIDTH (In) HEIGHT (In)		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL			
				"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER	
											lb/ft	1.2	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5					4.0
				1.3	1.7	1.7	7.6	9.0	10.8	14.6																	24"	30"		

OPTION ITEMS																													
HISTORIC VT. ROUTE 7A: 190+75.0, RT		I	30	30	6.25						I			X 15'	X	X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		I	24	12	2.00																							SIGN ID CODE WI6-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
190+95.0, LT		I	30	30	6.25						I			X 15'	X	X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		I	24	12	2.00																							SIGN ID CODE WI6-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
192+45.0, RT											I			X 13'	X	X												SALVAGED SIGN TO BE MOUNTED ON NEW POST	-
193+65.0, RT		I	30	30	6.25						I			X 15'	X	X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		I	24	12	2.00																							SIGN ID CODE WI6-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
193+68.0, LT		I	30	30	6.25						I			X 15'	X	X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		I	24	12	2.00																							SIGN ID CODE WI6-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
193+71.0, LT											I			X 13'	X	X												SALVAGED SIGN TO BE MOUNTED ON NEW POST, TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-
		I	30	30	6.25																							BACK-TO-BACK SIGN ID CODE RI-1	E-143
		I	6	10	0.42																							SIGN ID CODE VD-700	E-138

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	39.67		2			86.0	84.0	84.0									

TRAFFIC SIGN SUMMARY SHEET #2	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
	FILE NAME: tss.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 48 OF 68
	IPARM FILE: p99ci58+ss02.i	

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS E A WIDTH (In) HEIGHT (In)		NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
				"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		REQUIRE		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER		
										lb/ft	lb/ft	lb/ft	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE

OPTION ITEMS																															
HISTORIC VT. ROUTE 7A: 232+08.0, LT																													SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	0071 0206 0440	I	30	30	6.25																								BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
232+53.0, LT	MAIN ST																												SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		I			3.90																								SIGN ID CODE RI-2		E-146
232+81.0, LT		I	30	30	6.25																								SIGN ID CODE RI-1		E-143
235+97.0, RT		I	30	30	6.25																								SIGN ID CODE W2-6		66
		I	24	18	3.00																								SIGN ID CODE W16-I2P		66
237+25.0, RT		I	30	30	6.25																								SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
237+35.0, LT		I	30	30	6.25																								SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	42.57					84.0														

TRAFFIC SIGN SUMMARY SHEET #4	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
	FILE NAME: tss.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 50 OF 68
	IPARM FILE: p99c158+ss04.1	

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS E A WIDTH (In) HEIGHT (In)		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL		
				"A"	"B"	SALV SIGN	SALV TIS	RETA IN	SALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUI RE D	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE				
				lb/ft			lb/ft			lb/ft				lb/ft				24"	30"										

OPTION ITEMS																													
HISTORIC VT. ROUTE 7A: 237+43.0, RT				3.90																								SIGN ID CODE RI-2	E-146
237+78.0, RT		30	30	6.25																								SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
237+93.0, LT				3.90																								SIGN ID CODE RI-2	E-146
237+97.0, LT		30	30	6.25																								SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
238+33.0, RT				3.90																								SIGN ID CODE RI-2	E-146
238+34.0, RT		30	30	6.25																								SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152
		24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB	LB	EA.	EA.	LB
	36.45					84.0			84.0										

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: tss.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99cl58tss05.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 51 OF 68

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS															REMARKS	SIGN DETAIL						
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	RETAIN	SALVAGE	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER	
													1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5		4.0	5.0	FTG. SIZE				WEIGHT
HISTORIC VT. ROUTE 7A: 238+55.0, LT					3.90				I			X		X		X												SIGN ID CODE RI-2	E-152			
238+65.0, LT		I	30	30	6.25				I			X		X		X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
		I	24	12	2.00																							SIGN ID CODE WIG-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.				
238+65.0, RT		I	30	30	6.25				I			X		X		X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
		I	24	12	2.00																							SIGN ID CODE WIG-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
238+75.0, LT		I	30	30	6.25				I			X		X		X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
		I	24	12	2.00																							SIGN ID CODE WIG-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
240+15.0, LT		I	30	30	6.25				I			X		X		X												SIGN ID CODE W2-6	66			
		I	24	18	3.00																							SIGN ID CODE WIG-12P	66			
243+90.0, RT		I	30	30	6.25				I			X		X		X												SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
		I	24	12	2.00																							SIGN ID CODE WIG-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152			
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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."										LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB	LB	LB	LB	EA.	EA.	LB							
										88.0	84.0	84.0	84.0	EA.	LB	LB	LB	EA.	EA.	LB												
TOTALS										SF	SF	EA.	SF	EA.	EA.	LB	EA.	EA.	LB													
										46.15																						

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(1)S

FILE NAME: tss.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99c158tss06.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 52 OF 68

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		EA	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS	RETA IN	SALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUI RE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER		
												lb/ft	lb/ft	lb/ft	ANCHOR	SLEEVE	FOUND- ATION	3.0	4.0	4.0 MOD	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT				POST SIZE	
																																1.12
1.2	2.0	3.0	1.88	2.16	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6																				
OPTION ITEMS																																
HISTORIC VT. ROUTE 7A: 244+00.0, LT		I	30	30	6.25					I		X		X		X													SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152	
		I	24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152	
244+70.0, LT							I			I		X		X		X													SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-	
		I	30	30	6.25																								BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700			
		I	6	10	0.42																											
245+20.0, RT										I		X		X		X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		I	30	30	6.25																									BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
		I	6	10	0.42																											
250+25.0, RT		I	30	30	6.25					I		X		X		X														SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																									SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
250+35.0, LT		I	30	30	6.25					I		X		X		X														SIGN ID CODE WII-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																									SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	38.09		24			71.0	70.0	70.0		70.0	70.0	1								

TRAFFIC SIGN SUMMARY SHEET #7	PROJECT NAME: MANCHESTER		PROJECT NUMBER: STP 2203(1)S	
	FILE NAME: tss.dgn	PROJECT LEADER: D.E.G.	PLOT DATE: 09-MAY-2008	DRAWN BY: C.A.K.
	DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.	SHEET 53 OF 68	
	IPARM FILE: p99c158tss07.1			

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST. POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL	
				"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQ. SIGNIFIED	DETAIL ON DWG. NUMBER
		EA	WIDTH (In)								HEIGHT (In)	1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0			
				lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft		lb/ft	24"	30"														

OPTION ITEMS																													
HISTORIC VT. ROUTE 7A: 251+98.0, RT		1	30	30	6.25					1			X 15'	X	X												SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		1	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
252+10.0, LT		1	30	30	6.25					1			X 15'	X	X												SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		1	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
252+73.0, RT		1	36	36	9.00					2			14' X 14'														SIGN ID CODE R5-1 SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-143
253+06.0, RT		1	36	12	3.00					2			14' X 14'														BACK-TO-BACK SIGN ID CODE R6-IR SIGN ID CODE R6-IL SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-142 E-142
		1	30	30	6.25																						BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE R5-1 SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-143 E-143
		1	6	10	0.42																						SIGN ID CODE VD-700		E-138
253+15.0, RT										1			X 12'	X	X												SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
256+35.0, RT		1	30	30	6.25					1			X 15'	X	X												SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		1	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF 55.42	SF	EA. 2	SF		LF 56.0 56.0 113.0 56.0	LF 56.0	EA. 1	LB	LB	LB	EA.	LB	EA.	EA.	LB
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TRAFFIC SIGN SUMMARY SHEET #8	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(1)S	DRAWN BY: C.A.K.
	FILE NAME: tss.dgn	CHECKED BY: D.W.E.
DESIGNED BY: M.J.M.	IPARM FILE: p99c158+ss08.i	SHEET 54 OF 68

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
											1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	24"					30"	WEIGHT	POST SIZE
HISTORIC VT. ROUTE 7A: 256+45.0, LT		I	30	30	6.25				I			X		X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
		I	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
260+73.0, RT		I	30	30	6.25				I			X		X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
		I	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
260+80.0, LT		I	30	30	6.25				I			X		X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
		I	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
265+52.0, LT		I I	36 36	12 12	3.00 3.00				2			12' X 12'															BACK-TO-BACK SIGN ID CODE R6-IR SIGN ID CODE R6-IL SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS	E-142 E-142				
		I	6	10	0.42																						SIGN ID CODE VD-700	E-138				
265+89.0, RT		I	30	30	6.25				I			X		X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				
		I	24	12	2.00																						SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.	E-152				

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	39.42 39.00					56.0 56.0	56.0 (28.0)	84.0 (28.0)	3								

TRAFFIC SIGN SUMMARY SHEET #9	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
	FILE NAME: tss.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 55 OF 68
	IPARM FILE: p99c158+ss09.1	

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL		
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE				

										OPTION ITEMS																				
VT. ROUTE II: 23+95.0, LT		I	36	30	7.50					2			X 14'														SIGN ID CODE VR-925	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-145A
24+65.0, RT		I	36	30	7.50					2			X 13'														SIGN ID CODE VR-922	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-145A
24+71.0, LT	CENTER HILL RD DEPOT ST							I		I			X 13'		X		X										SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-	
	0110 0206 0046	I	6	10	0.42																						SIGN ID CODE VD-700		E-138	
26+28.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	I	24	30	5.00					I			X 13'		X		X										SIGN ID CODE VR-017		E-141	
28+45.0, LT		I	30	30	6.25					I			X 13'		X		X										SIGN ID CODE VR-921		E-145A	
24+65.0, RT		I	36	30	7.50					2			X 13'														SIGN ID CODE VR-922	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL SIGN POSTS		E-145A
29+05.0, RT	BEGIN	I	24	12	2.00					I			X 15'		X		X										SIGN ID CODE M4-II		E-140	
	CENTER LANE ONLY	I	24	30	6.00																						SIGN ID CODE R3-9B		E-140	

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	42.17		2			56.0	94.0	(84.0)		56.0							

TRAFFIC SIGN SUMMARY SHEET #14

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S
FILE NAME: tss.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99ci58tssi4.i
PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 60 OF 68

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
												1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0		FTG. SIZE				WEIGHT	POST SIZE	
																											lb/ft						lb/ft

OPTION ITEMS																															
VT. ROUTE II: 29+05.0, LT		I	24	12	2.00						I			X 15'	X	X													SIGN ID CODE M4-6		E-140
		I	24	30	6.00																								SIGN ID CODE R3-9B		E-140
VT. ROUTE 30: 1+25.0, LT											I			X 13'	X	X													SALVAGED SIGNS TO BE MOUNTED ON NEW POST.	-	-
											I																		SALVAGED SIGNS TO BE MOUNTED ON NEW POST.	-	-
1+60.0, RT		I	30	30	6.25						I			X 15'	X	X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
1+70.0, LT		I	30	30	6.25						I			X 15'	X	X													SIGN ID CODE W11-2 SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
		I	24	12	2.00																								SIGN ID CODE W16-7P SIGN SHALL HAVE A FLUORESCENT YELLOW GREEN BACKGROUND.		E-152
8+90.0, RT											I			X 13'	X	X													SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		I	30	30	6.25																								BACK-TO-BACK SIGN ID CODE RI-1		E-143
		I	6	10	0.42																								SIGN ID CODE VD-700		E-138

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 OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		LF	LF	LF	LF	LF	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
	31.17		4			70.0	70.0	71.0	70.0										

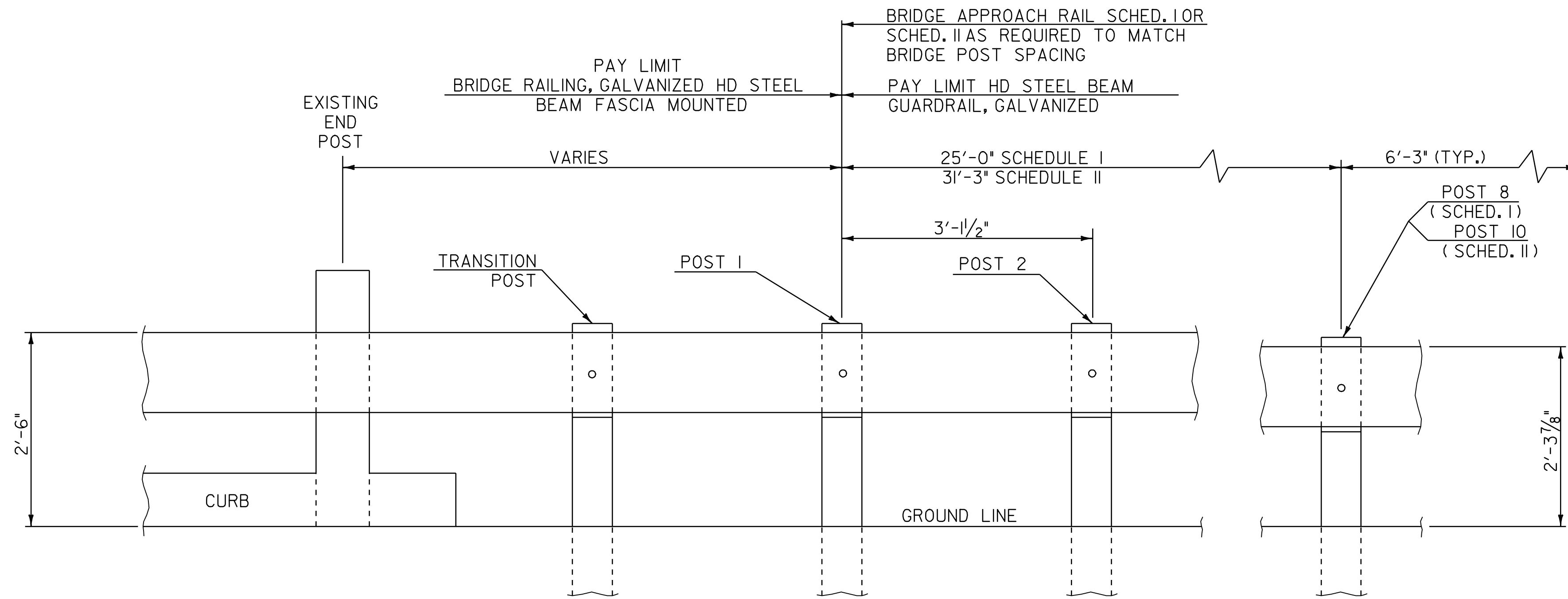
TRAFFIC SIGN SUMMARY SHEET #15	PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
	PROJECT NUMBER: STP 2203(1)S	DRAWN BY: C.A.K.
	FILE NAME: tss.dgn	CHECKED BY: D.W.E.
	DESIGNED BY: M.J.M.	SHEET 61 OF 68

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	525.41	REMARKS
				REMOVAL OF EXISTING RAILING	BRIDGE RAILING, GALVANIZED HD STEEL BEAM/FASCIA MOUNTED	
				LF	LF	
VT. ROUTE 30:						
15+79.7 - 16+23.5	LT	53	8"	43.8	43.8	
15+90.5 - 16+34.3	RT	53	8"	43.8	43.8	
ROUNDING				0.4	0.4	
TOTAL				88	88	

GENERAL NOTES

- BRIDGE RAIL SHALL BE HD STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
- APPROACH RAILING SHALL BE HD STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
- 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.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-I FOR DELINEATION DETAILS AND PLACEMENT.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
- ALL BRIDGE POSTS, HD STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
- SEE STANDARD SHEET G-I FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
- NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.
- ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10 OF THE STANDARD SPECIFICATIONS.
- GROUT NEW ANCHOR BOLTS WITH TWO COMPONENT ADHESIVE MORTAR. DRILL HOLES SHALL BE 2" DIAMETER. DRILLING AND GROUTING NEW ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE BRIDGE RAILING OR HD STEEL BEAM GUARDRAIL ITEM.
- A MINIMUM PULLOUT STRENGTH OF 30 KIPS SHALL BE ATTAINED ON ALL NEW BOLTS THAT ARE GROUTED IN PLACE. A SAMPLE GROUTED BOLT WILL BE TESTED BEFORE MATERIALS ARE APPROVED FOR USE AND RANDOM BOLTS WILL BE FIELD TESTED BY THE STATE OF VERMONT TO ENSURE THIS STRENGTH IS BEING ATTAINED. FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED TO ALERT THE VAOT REGARDING WHEN THE CONTRACTOR WILL BE READY FOR THIS TESTING.
- THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON LIMITED FIELD INVESTIGATION AND AVAILABLE RECORD DRAWING INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMISSION OF FABRICATION DRAWINGS FOR APPROVAL.
- ALL LANES SHALL BE OPENED TO TRAFFIC DURING NON-WORKING HOURS. NO GAPS BETWEEN EXISTING RAILING AND NEW RAILING WILL BE PERMITTED. DETAILS FOR TEMPORARY RAIL SHALL BE SUBMITTED FOR APPROVAL IF REQUIRED TO BRIDGE GAPS IN RAILING. PAYMENT FOR TEMPORARY RAIL SHALL BE CONSIDERED INCIDENTAL TO ITEM 525.10 REMOVAL OF EXISTING RAILING.



SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 12'-6"
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
PAYMENT LENGTH = 32'-6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 18'-9"
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	3'-1/2"	
6	3'-1/2"	
7	4'-2"	
8	4'-2"	1.2 x 12'-6"
9	4'-2"	
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)
PAYMENT LENGTH = 41'-3"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.
 SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

BRIDGE APPROACH RAILING

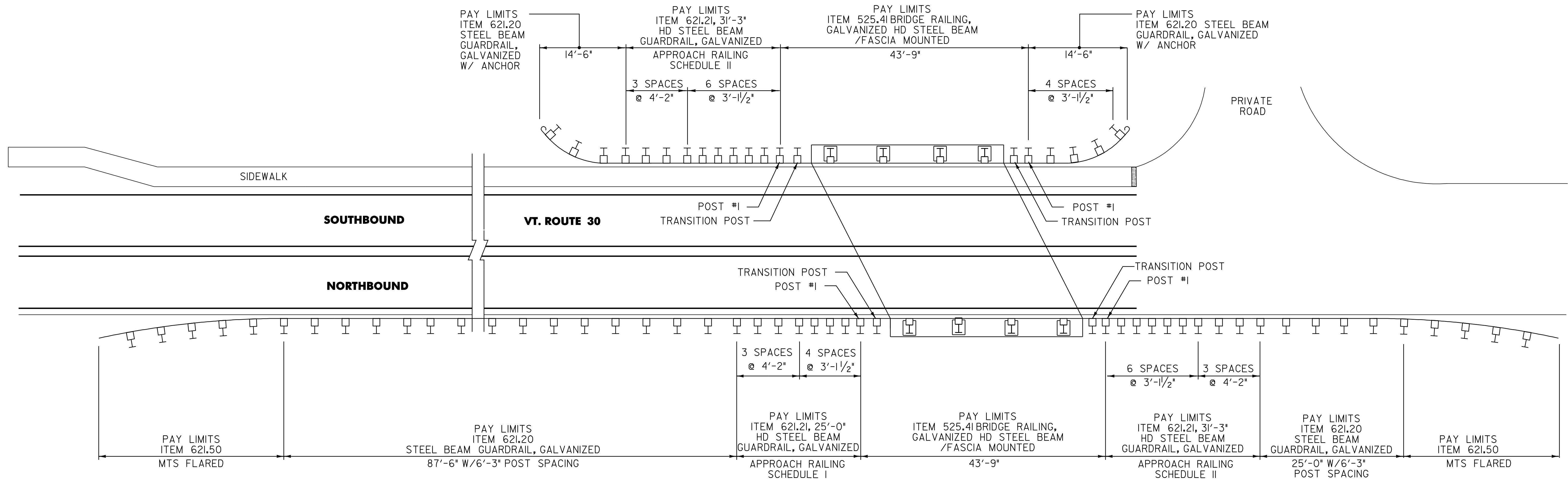
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #1**

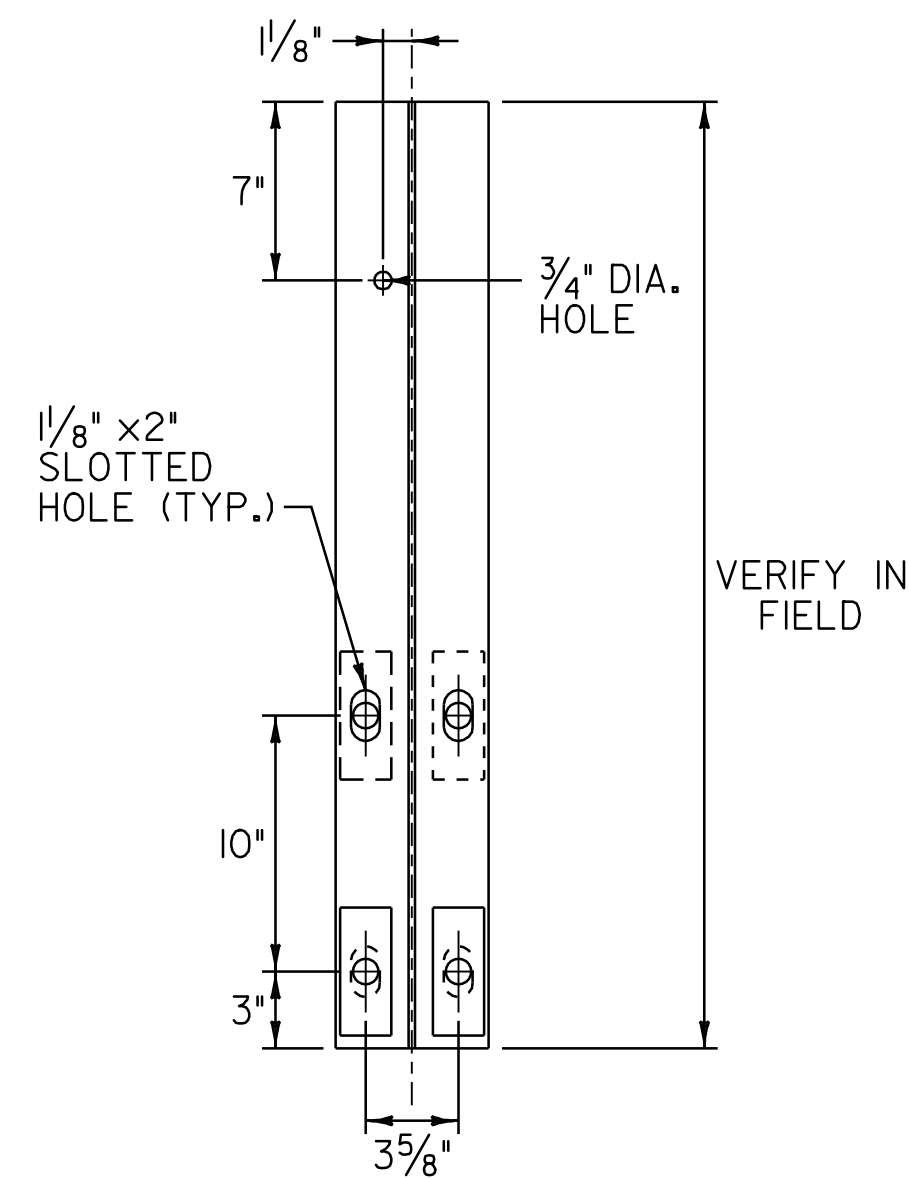
PROJECT NAME: MANCHESTER
 PROJECT NUMBER: STP 2203(1)S

FILE NAME: p99c158.dgn
 PROJECT LEADER: D.E.G.
 DESIGNED BY: M.J.M.
 IPARM FILE: p99c158b.d01.1

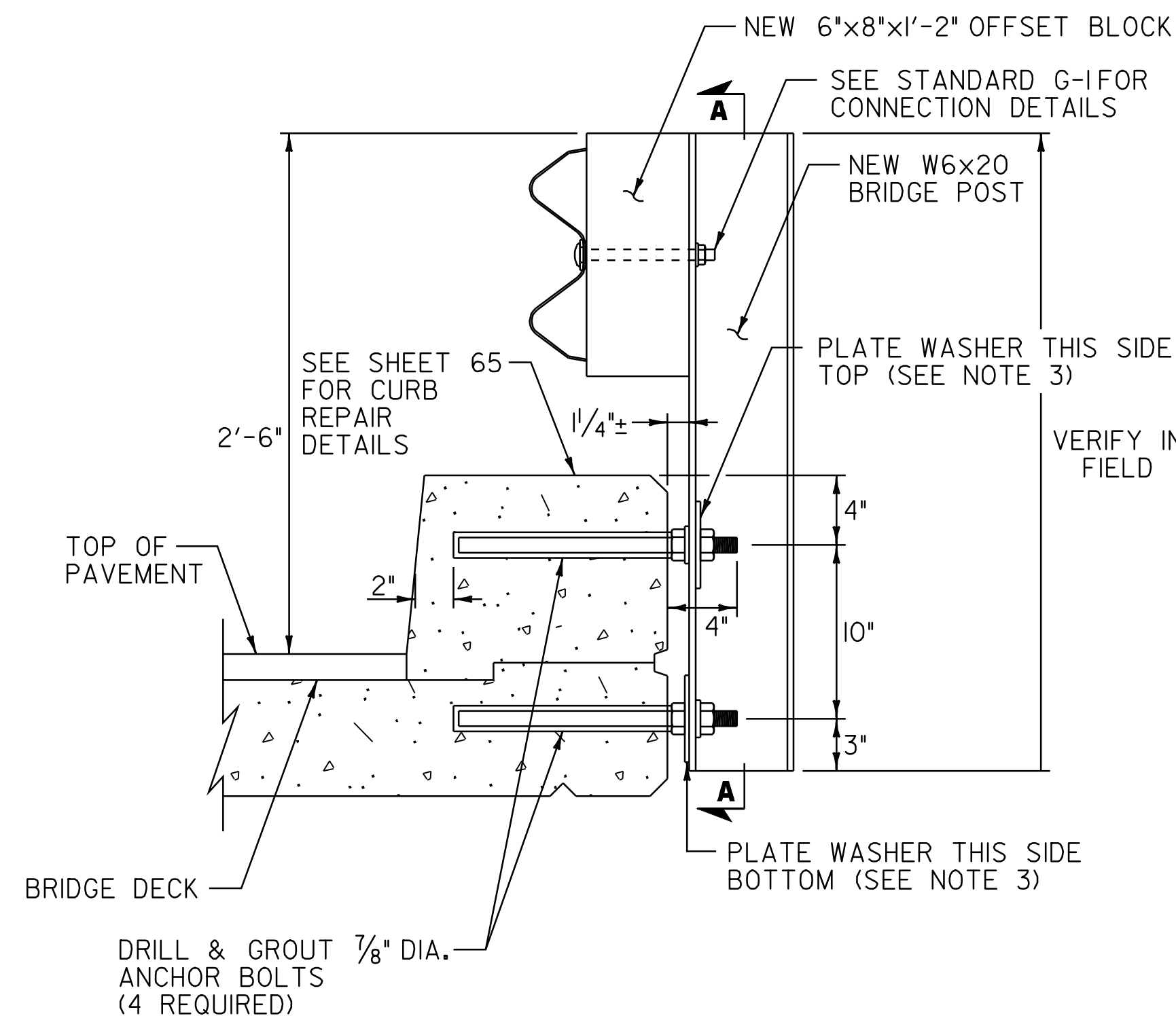
PLOT DATE: 09-MAY-2008
 DRAWN BY: C.A.K.
 CHECKED BY: D.W.E.
 SHEET 63 OF 68



BR 53 VT. ROUTE 30 MM 0.300 = STA. 15+84.00



SECTION A-A



**DETAIL A
BR 53 BRIDGE POST**

- NOTES:
- EXISTING CONCRETE BRIDGE POSTS TO BE REMOVED. SEE SHEET 65 FOR DETAILS.
 - INSTALL FOUR NEW FASCIA MOUNTED STEEL BRIDGE POSTS ON EACH SIDE OF BRIDGE. SEE POST DETAILS THIS SHEET. SEE CURB REPAIR DETAILS ON SHEET 65.
 - SEE STANDARD SHEET SB-R6-82 FOR ADDITIONAL DETAILS.
 - NEW ASTM A-449 7/8" DIAMETER ANCHOR BOLTS SHALL BE FURNISHED EACH WITH TWO NUTS, ONE PLATE WASHER, AND ONE STANDARD WASHER.

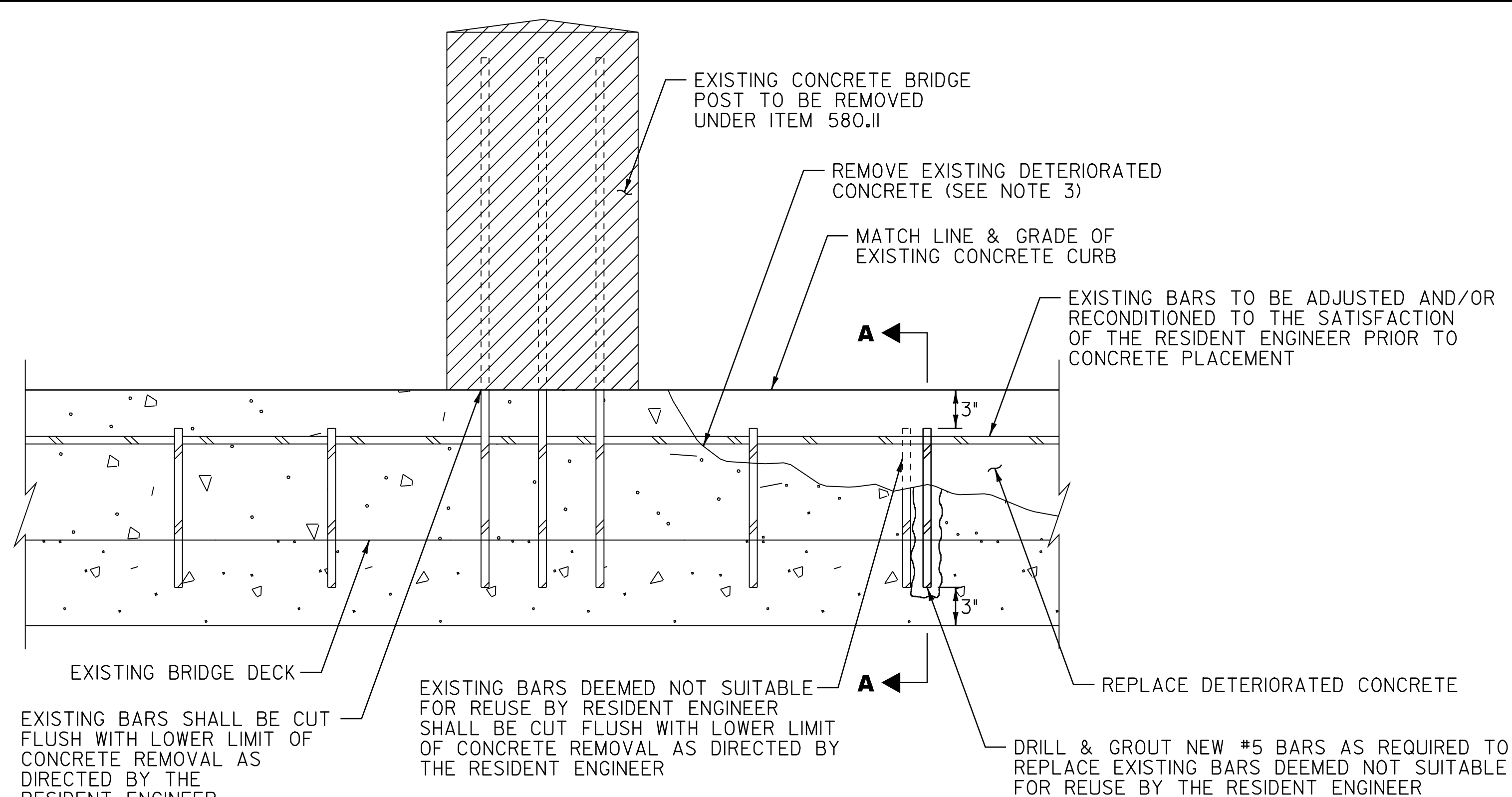
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #2**

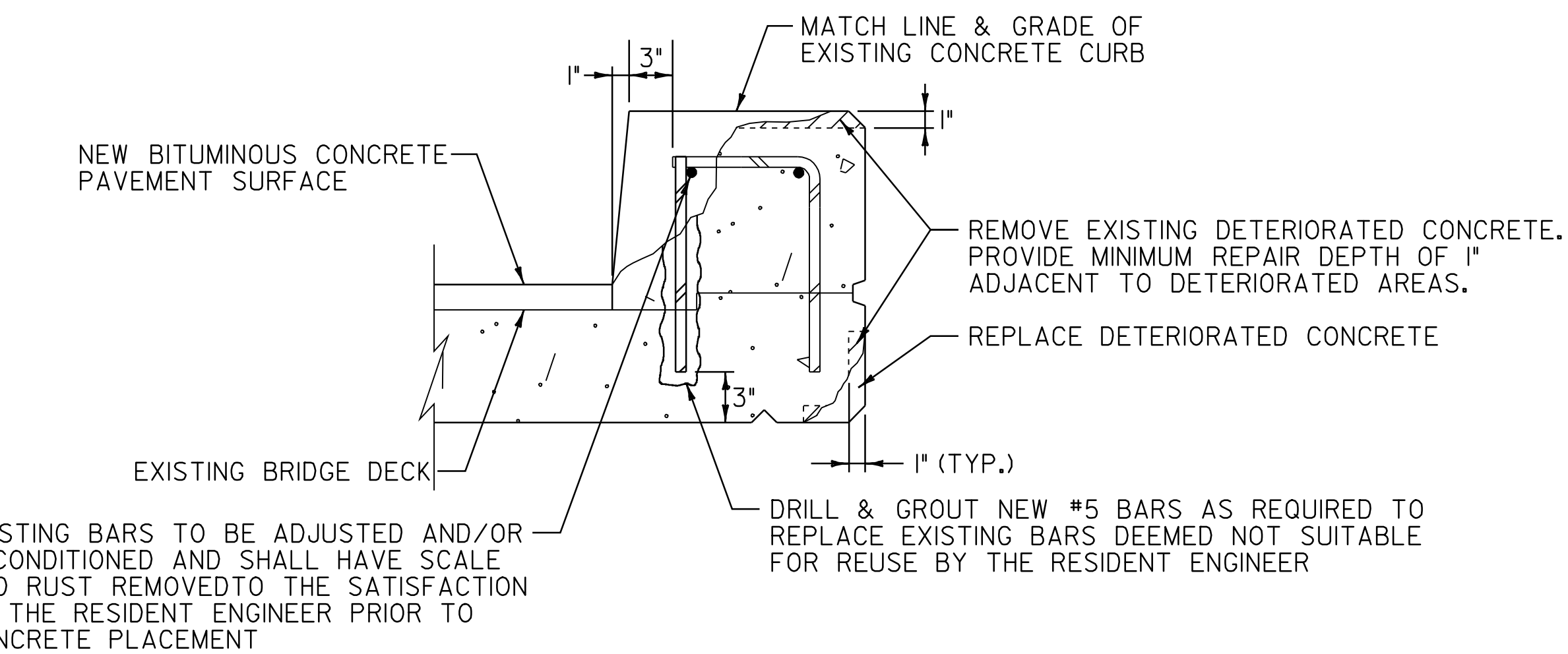
PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99c158.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p05c046bd02.i

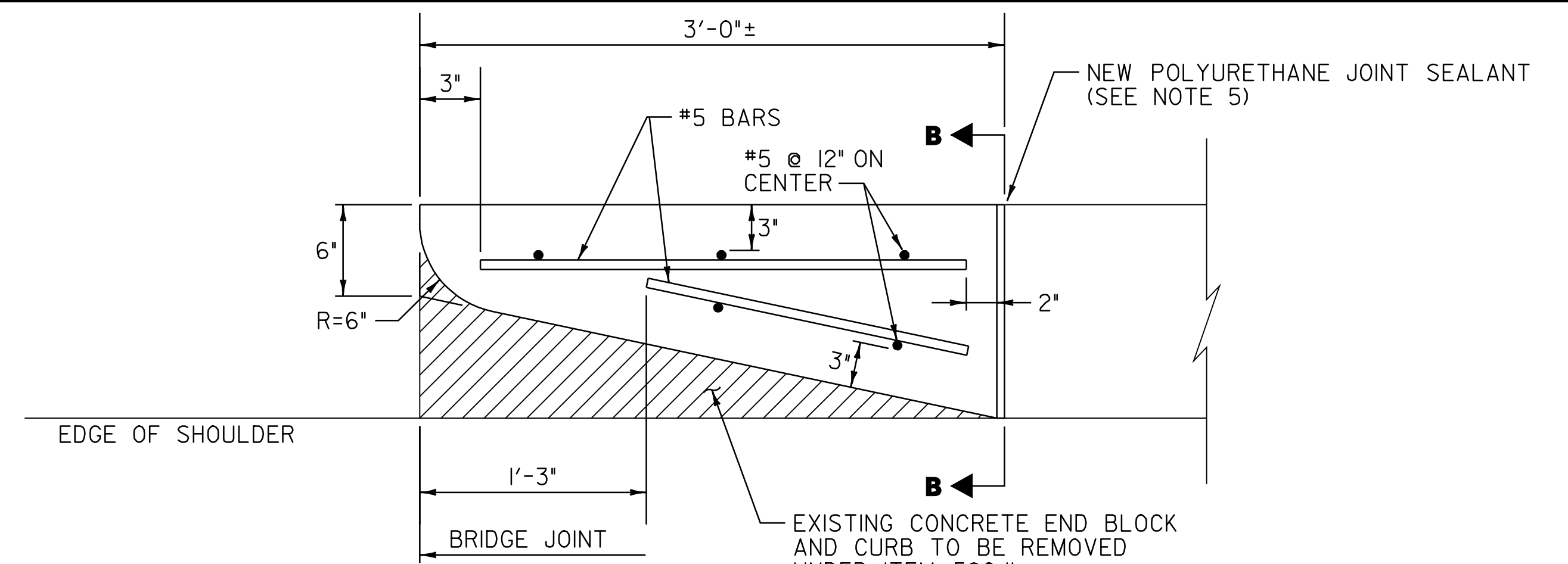
PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 64 OF 68



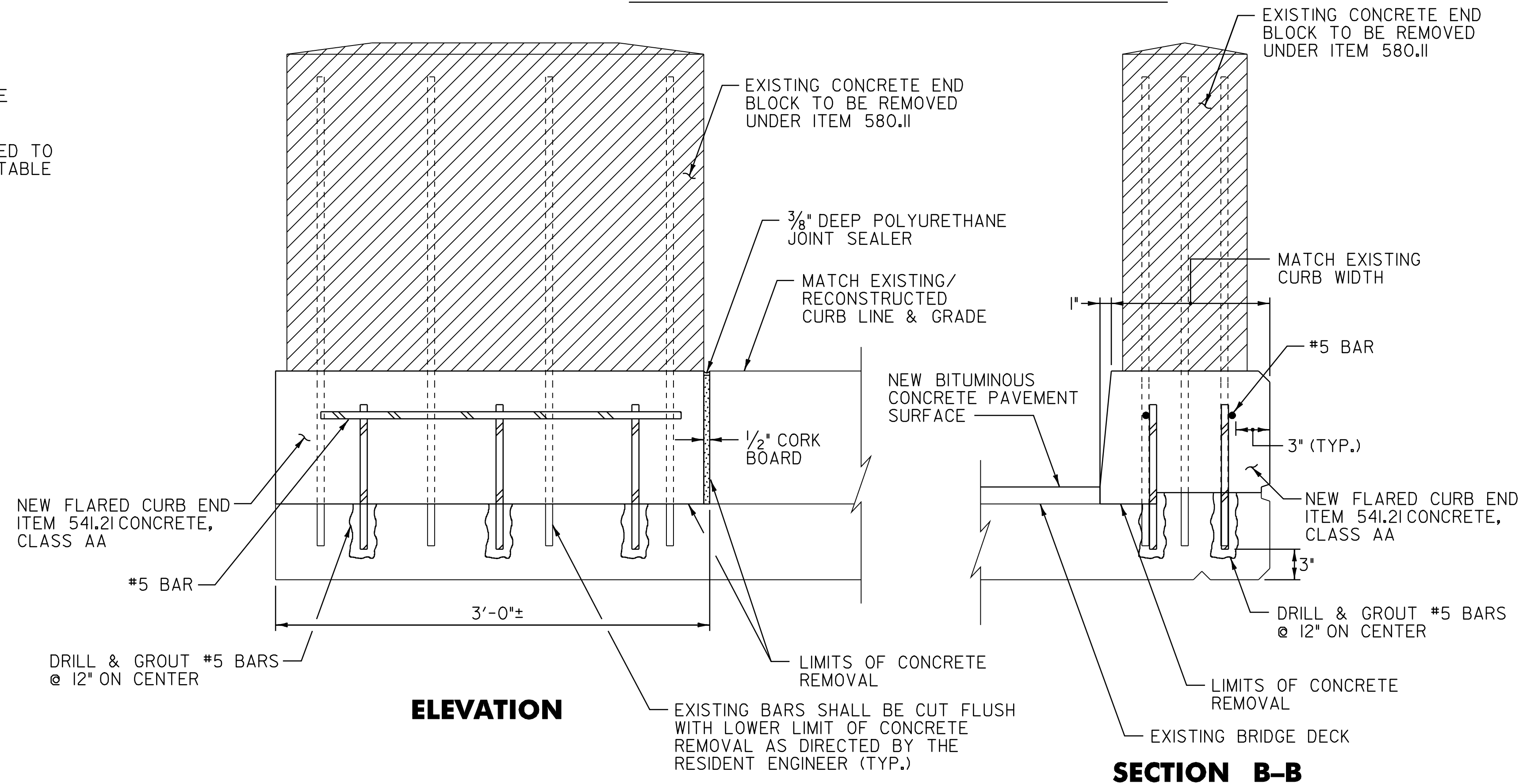
ELEVATION



**SECTION A-A
CURB REPAIR DETAIL**



**PLAN
NEW FLARED CURB END TREATMENT**



ELEVATION

NEW FLARED CURB END TREATMENT

SECTION B-B

NOTES

1. ALL CONCRETE SHALL BE CLASS AA OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. CRACKS OR SPALLED AREAS IN THE CURBS OR FASCIAS WITH A DEPTH OF LESS THAN ONE INCH SHALL BE FILLED WITH EPOXY MORTAR. COSTS ASSOCIATED WITH THE EPOXY MORTAR SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 580.II REPAIR OF CONCRETE SUPERSTRUCTURE, CLASS II. DETERIORATED OR SPALLED AREAS IN THE CURBS OR FASCIAS WITH A DEPTH GREATER THAN ONE INCH SHALL HAVE THEIR EDGES CUT TO PROVIDE A MINIMUM DEPTH OF ONE INCH COATED WITH NEAT CEMENT, AND PATCHED WITH CONCRETE.
3. ALL DETERIORATED OR UNSOUND CONCRETE SHALL BE REMOVED TO THE LIMITS DEEMED NECESSARY BY THE RESIDENT ENGINEER.
4. REMOVAL OF CONCRETE CURB, END BLOCKS AND POSTS TO THE LIMITS SHOWN SHALL BE PAID FOR UNDER ITEM 580.II REPAIR OF CONCRETE SUPERSTRUCTURE, CLASS II. RUBBLE CREATED BY THIS REMOVAL SHALL BE REMOVED AND DISPOSED OF PROPERLY AS DIRECTED BY THE RESIDENT ENGINEER.
5. THE CONTRACTOR SHALL INSTALL POLYURETHANE JOINT SEALANT PER SECTION 524 OF THE VAOT 2006 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL BE CONSIDERED INCIDENTAL TO ITEM 580.II AS DIRECTED BY THE RESIDENT ENGINEER.
6. EXISTING CONCRETE END BLOCK AND CURB TO BE REMOVED UNDER ITEM 580.II. NEW FLARED CURB INSTALLATION SHALL BE PAID FOR UNDER ITEM 541.21 CONCRETE, CLASS AA.

7. LOCATION OF EXISTING U-BARS IS NOT KNOWN. DRILL AND GROUT #5 DOWELS AS SHOWN IN DETAILS. WHEN DIRECTED BY THE RESIDENT ENGINEER, ANY EXISTING U-BARS SHALL BE REMOVED AND SUBSEQUENTLY REPLACED BY #5 DOWELS AS REQUIRED TO PROVIDE NECESSARY VERTICAL REINFORCEMENT. PAYMENT FOR ALL DRILLING AND GROUTING SHALL BE CONSIDERED INCIDENTAL TO ITEM 580.II. ALL GROUT MATERIAL MUST BE ON THE VAOT APPROVED PRODUCTS LIST.
8. MINIMUM COVER FOR REINFORCING STEEL SHALL BE THREE INCHES UNLESS OTHERWISE NOTED.
9. REINFORCING PLACEMENT TOLERANCES SHALL BE +/- 1" SPACING AND +/- 1/4" CLEARANCE.
10. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1".
11. ITEM 900.625 SPECIAL PROVISION (WATER REPELLENT, SILANE) SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES (NEW AND EXISTING) EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP BEADS. THE CONTRACTOR SHALL POWER WASH ALL REPAIR AREAS PRIOR TO APPLYING THE WATER REPELLENT DIRECTED BY THE RESIDENT ENGINEER.

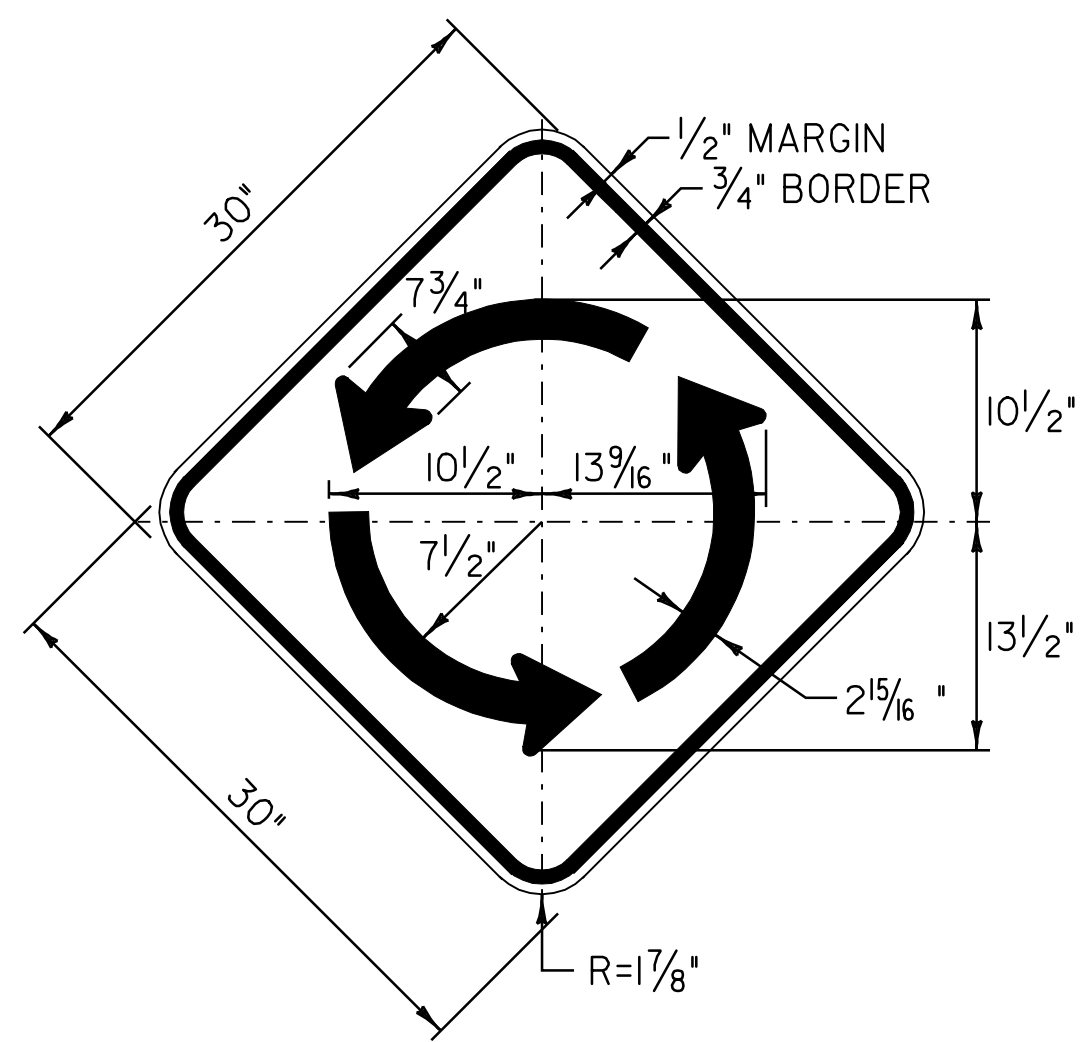
NOT TO SCALE

**BRIDGE CURB
REPAIR DETAIL
SHEET**

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

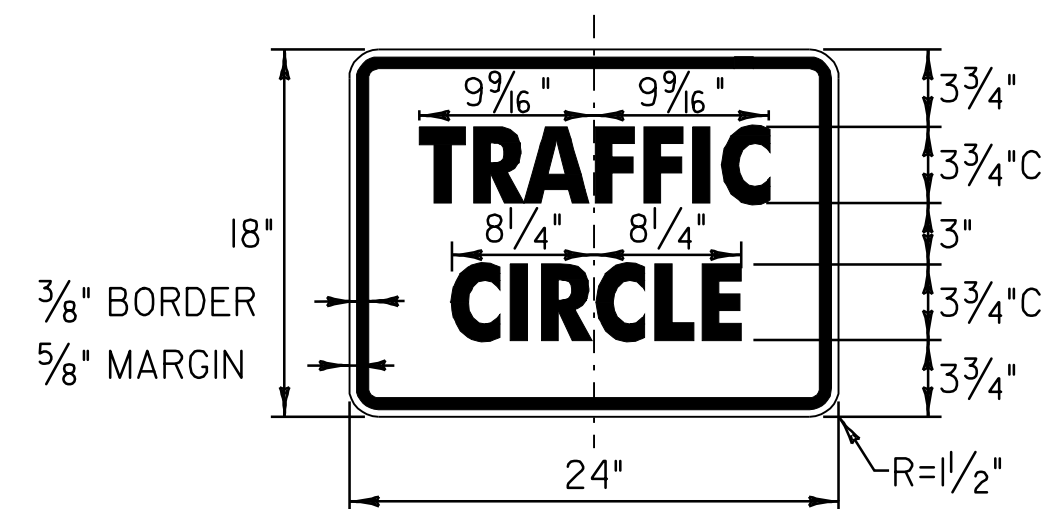
FILE NAME: p99cl58.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99cl58cd.i

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 65 OF 68



COLOR: BLACK BORDER & ARROW (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

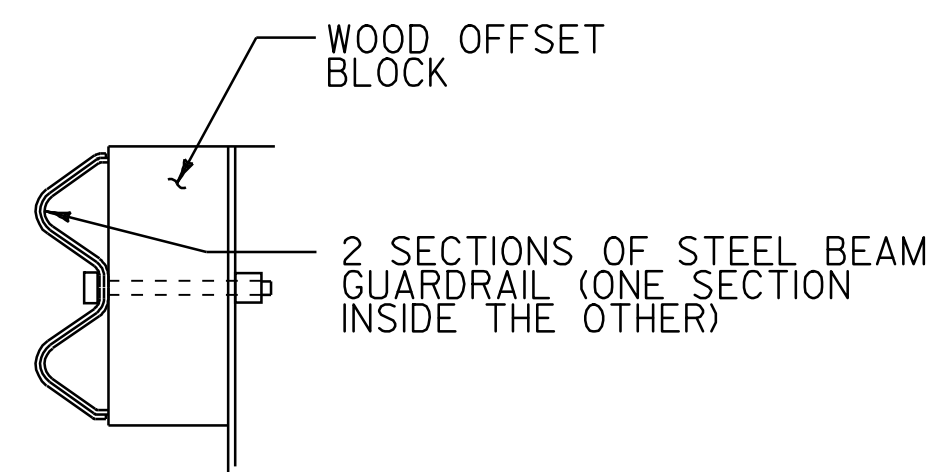
MATERIAL: PER VAOT STANDARD E-151
SIGN - VT. ROUTE 7A
MANCHESTER:
STA. 235+97.0 RT
STA. 240+15.0 LT



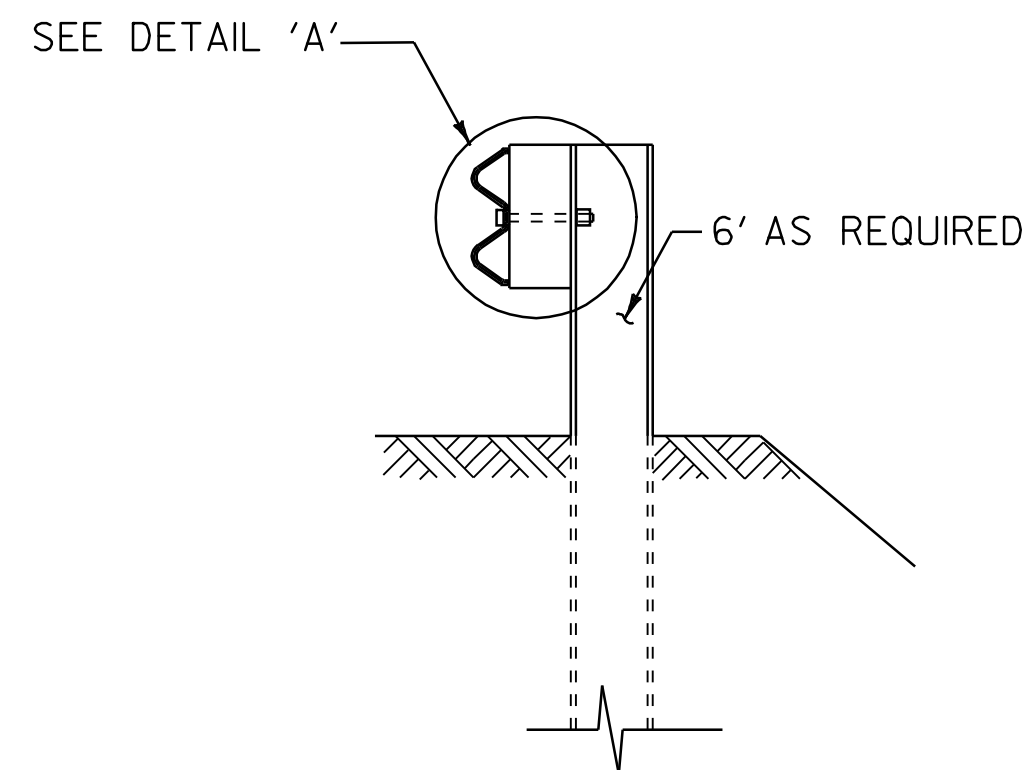
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-153B
SIGN - VT. ROUTE 7A
MANCHESTER:
STA. 235+97.0 RT
STA. 240+15.0 LT

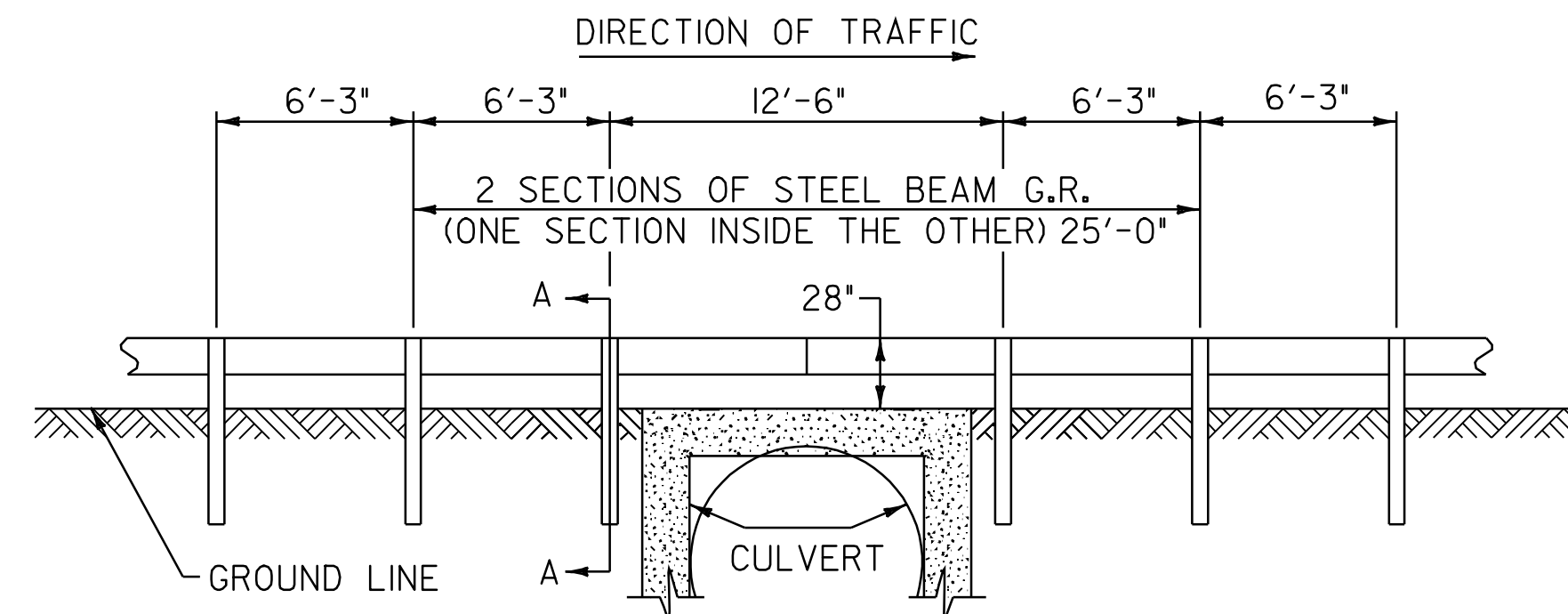
NOTE:
TEXT LAYOUT DIMENSIONS ARE BASED ON THE STANDARD ALPHABETS SPACING CHARTS FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK PUBLISHED BY FHWA. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON THE INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF VAOT'S TRAFFIC OPERATIONS SECTION BEFORE FABRICATION.



DETAIL A



SECTION A-A

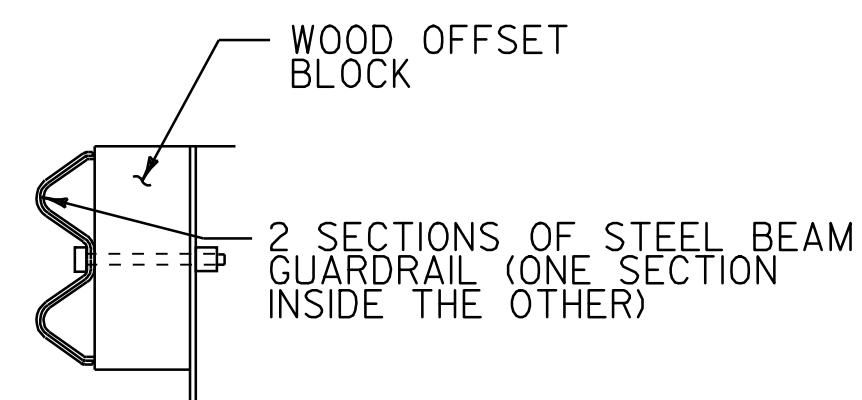


STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL

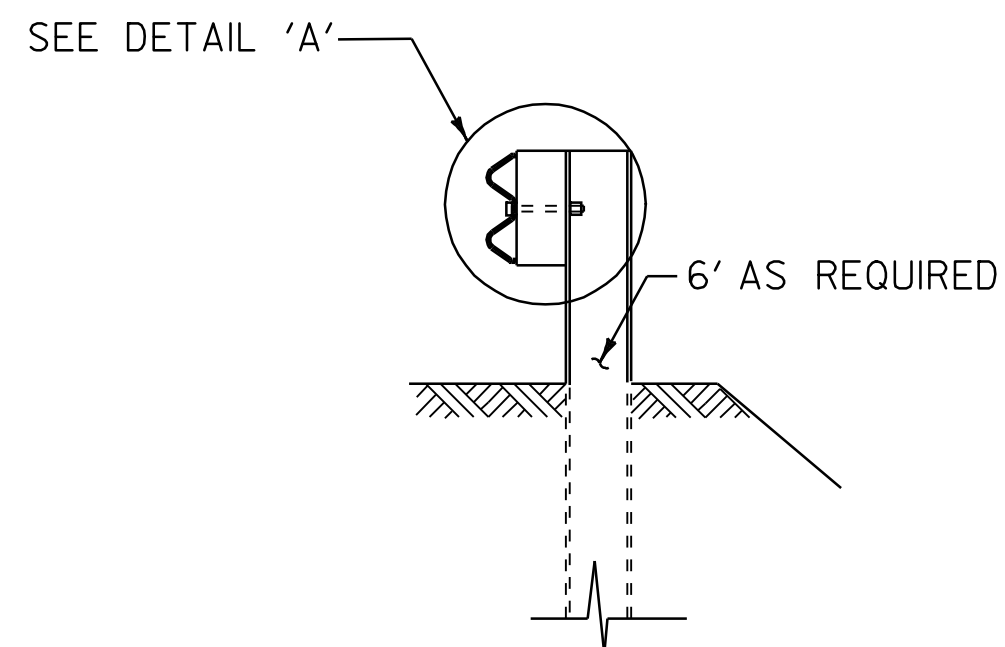
HISTORIC VT. ROUTE 7A BR 26 MANCHESTER STA. 171+17.76 LT
HISTORIC VT. ROUTE 7A BR 26 MANCHESTER STA. 171+17.76 RT

NOTES

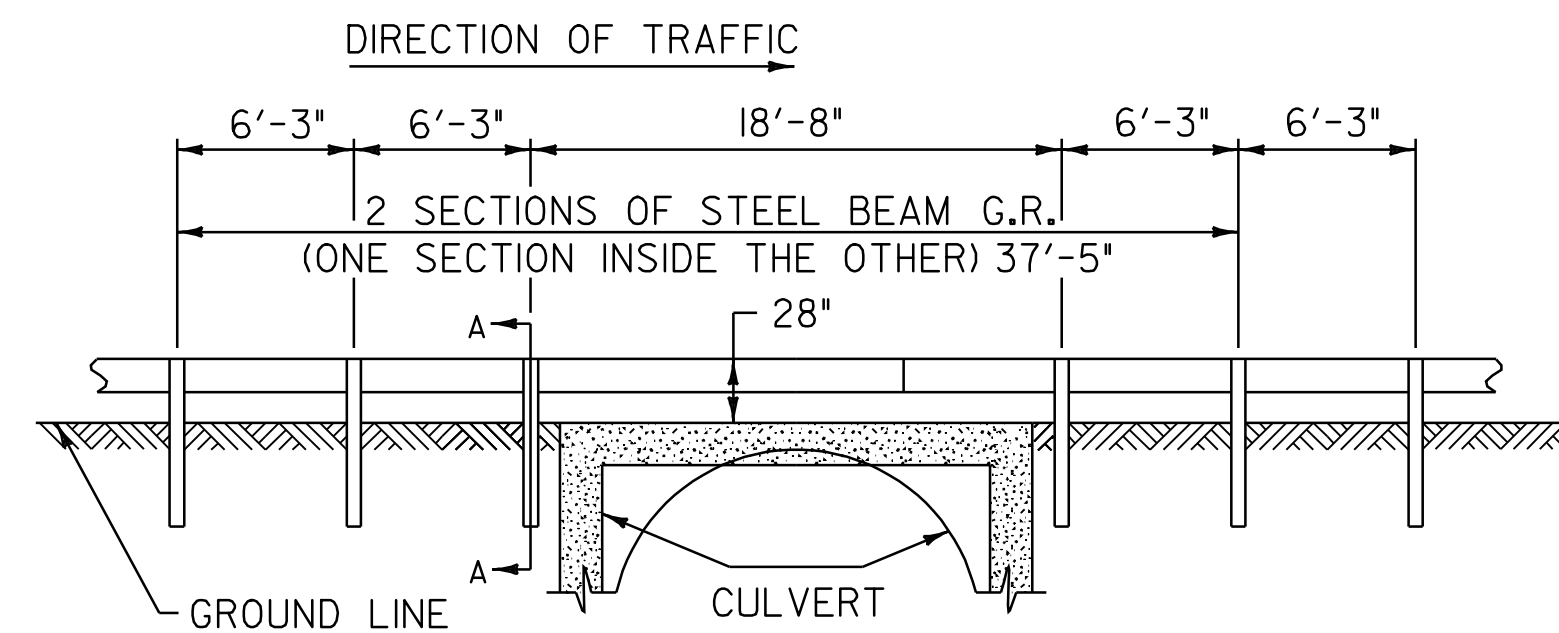
1. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.20 STEEL BEAM GUARDRAIL AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER.



DETAIL A



SECTION A-A



STEEL BEAM GUARDRAIL AT LARGE CULVERTS DETAIL

HISTORIC VT. ROUTE 7A BR 27 MANCHESTER STA. 212+79.67 LT

NOTES

1. SEE STANDARD G-1 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.

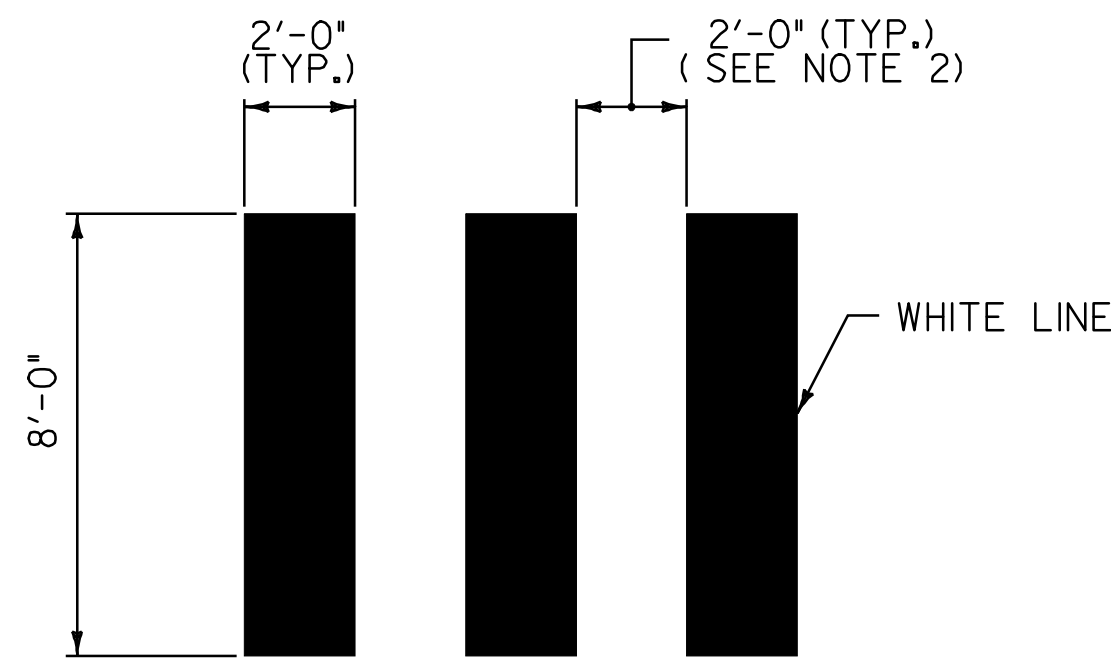
NOT TO SCALE

**MISCELLANEOUS
DETAILS
SHEET #1**

PROJECT NAME: MANCHESTER
PROJECT NUMBER: STP 2203(I)S

FILE NAME: p99cl58.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p99Cl58mdsl.l

PLOT DATE: 09-MAY-2008
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 66 OF 68

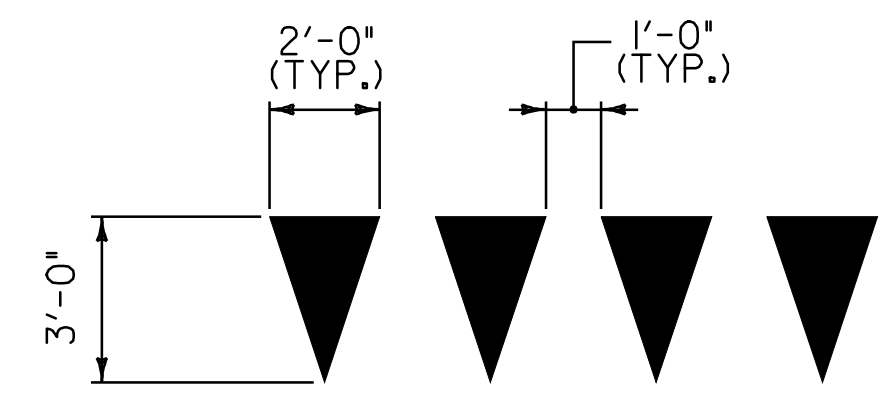


DETAIL OF CROSSWALK MARKINGS

N.T.S

NOTES:

1. THE PER FOOT COST OF INSTALLED CROSSWALK, SHALL BE PAID AS ITEM 646.501 DURABLE CROSSWALK MARKING, TYPE 1 TAPE AND 646.702 TEMPORARY CROSSWALK MARKING, PAINT
2. ADJUST SPACING (12" - 24") TO AVOID WHEEL PATHS.

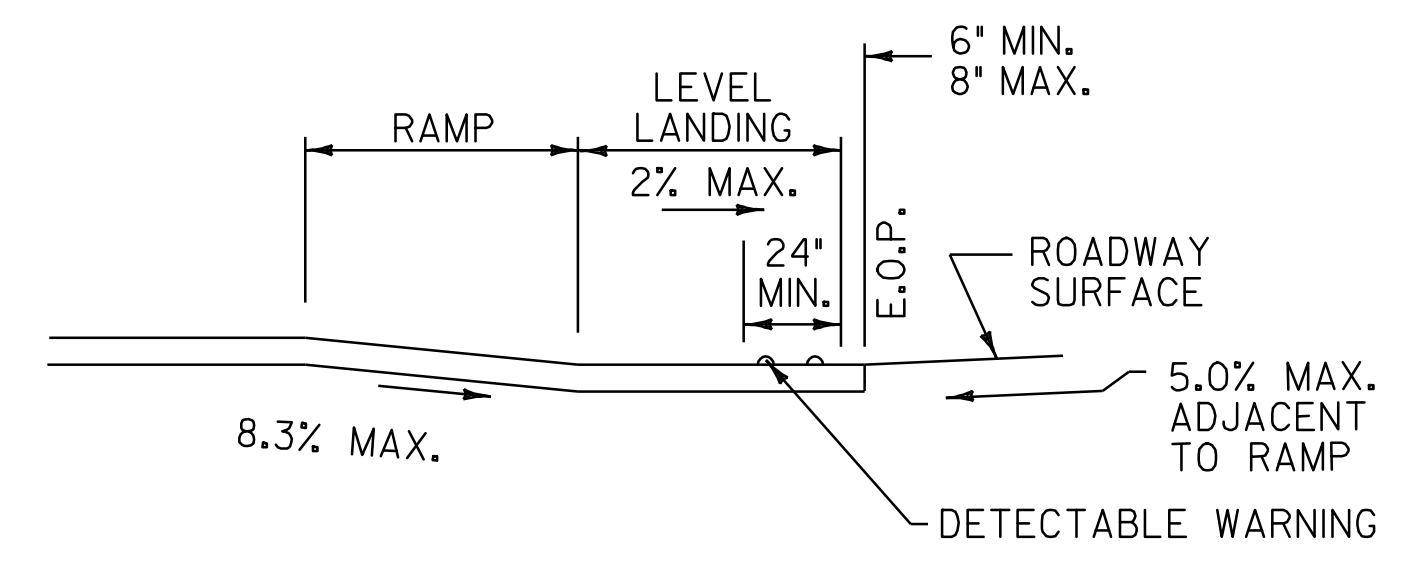
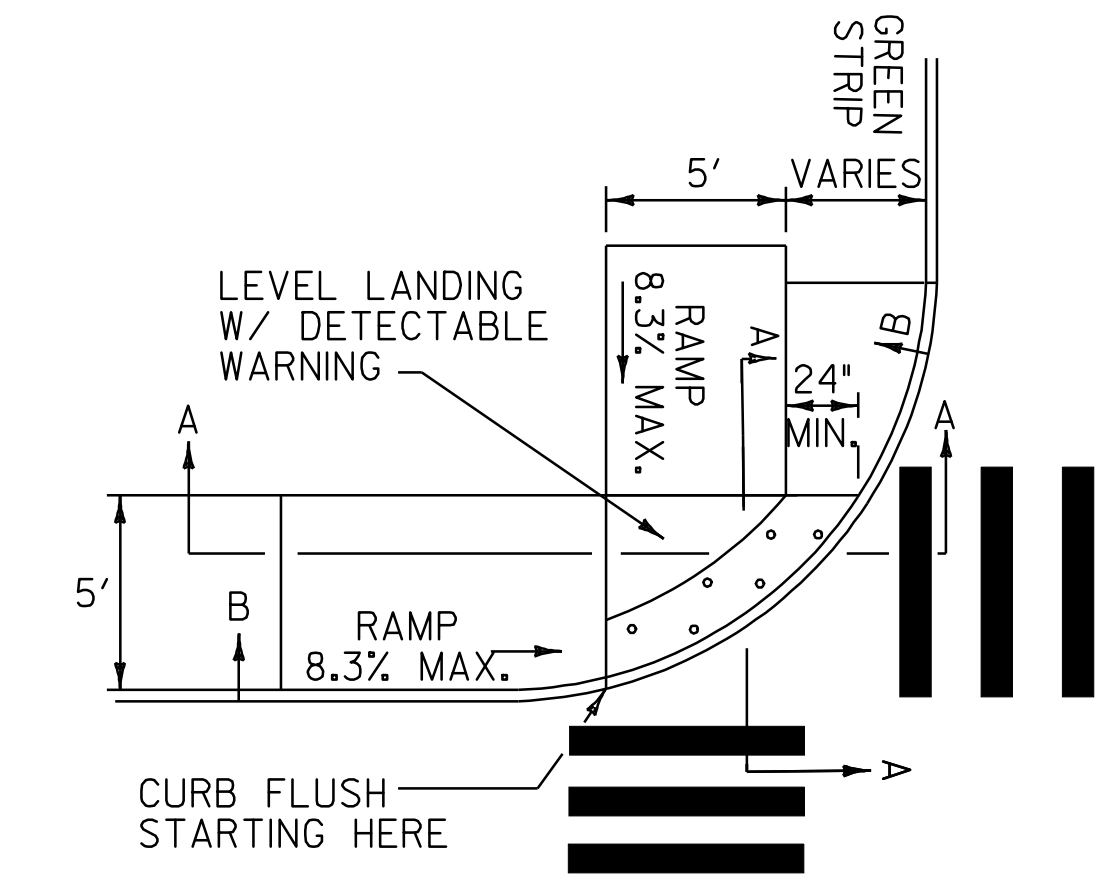


YIELD LINE DETAILS

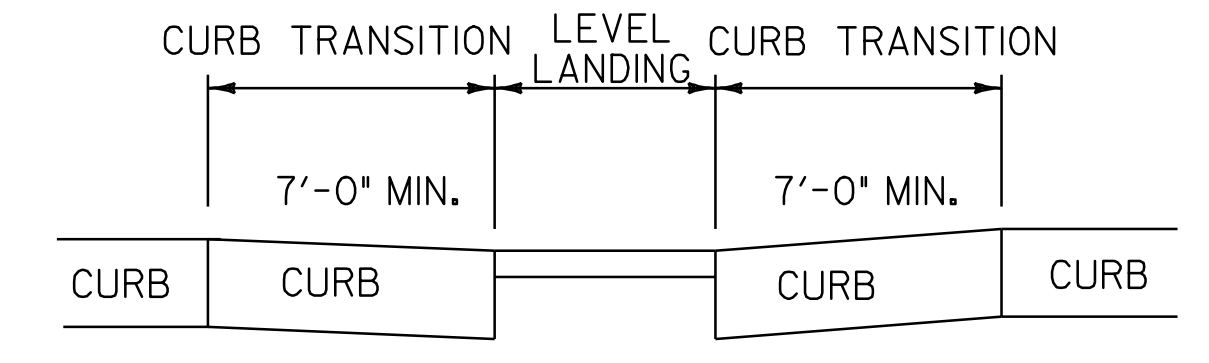
N.T.S

NOTE:

1. EACH TRIANGLE SHALL BE PAID AS ONE EACH ITEM 646.491 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE AND 646.692 TEMPORARY LETTER OR SYMBOL, PAINT.



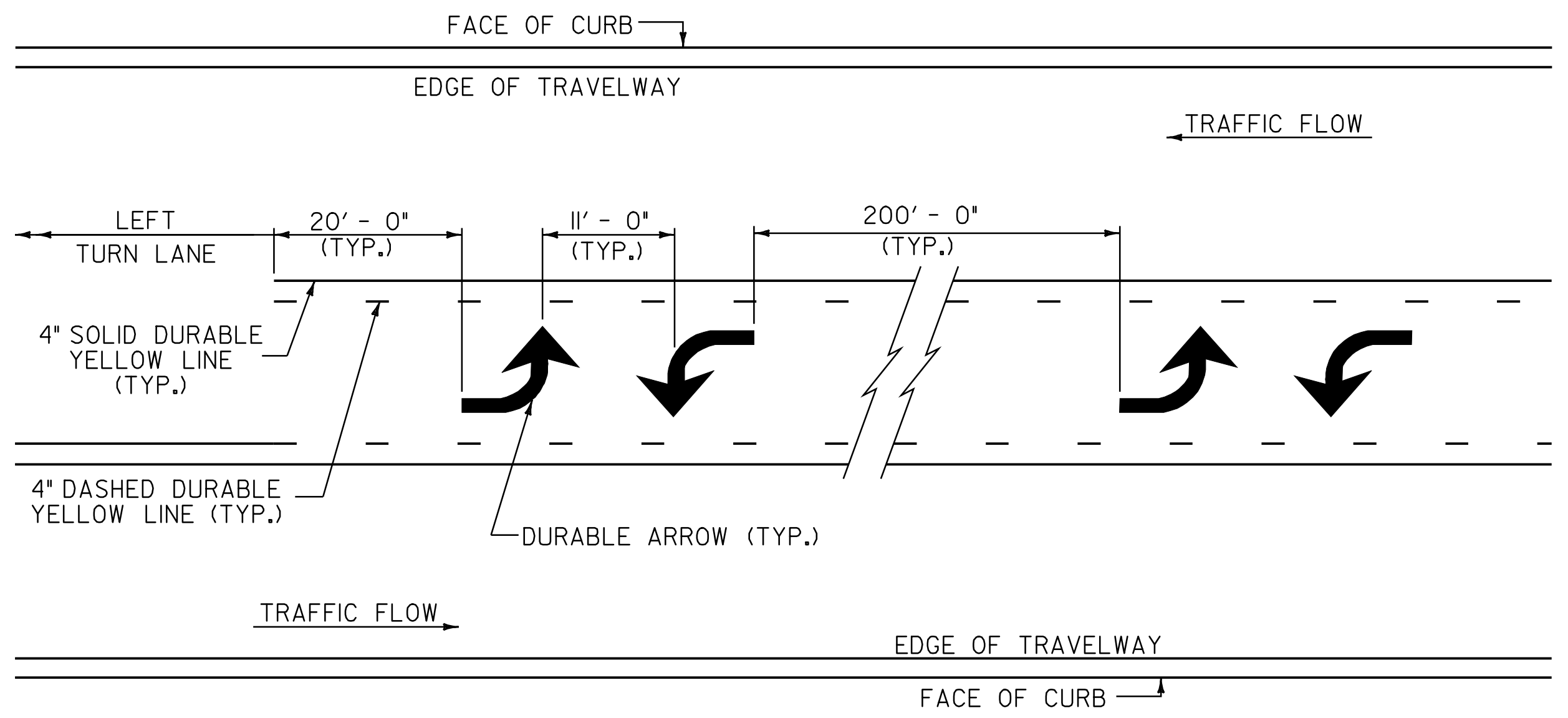
SECTION A-A



SECTION B-B

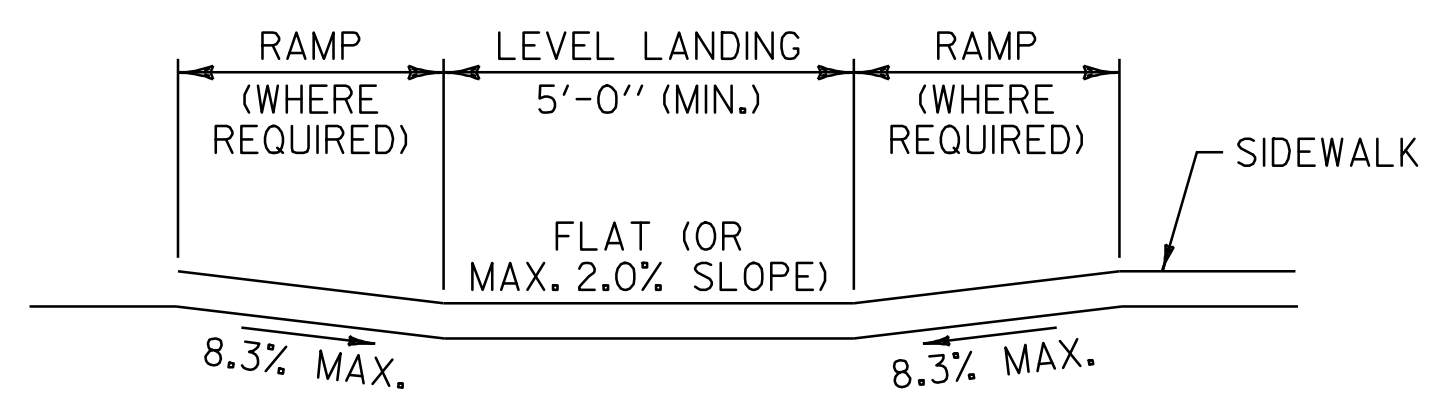
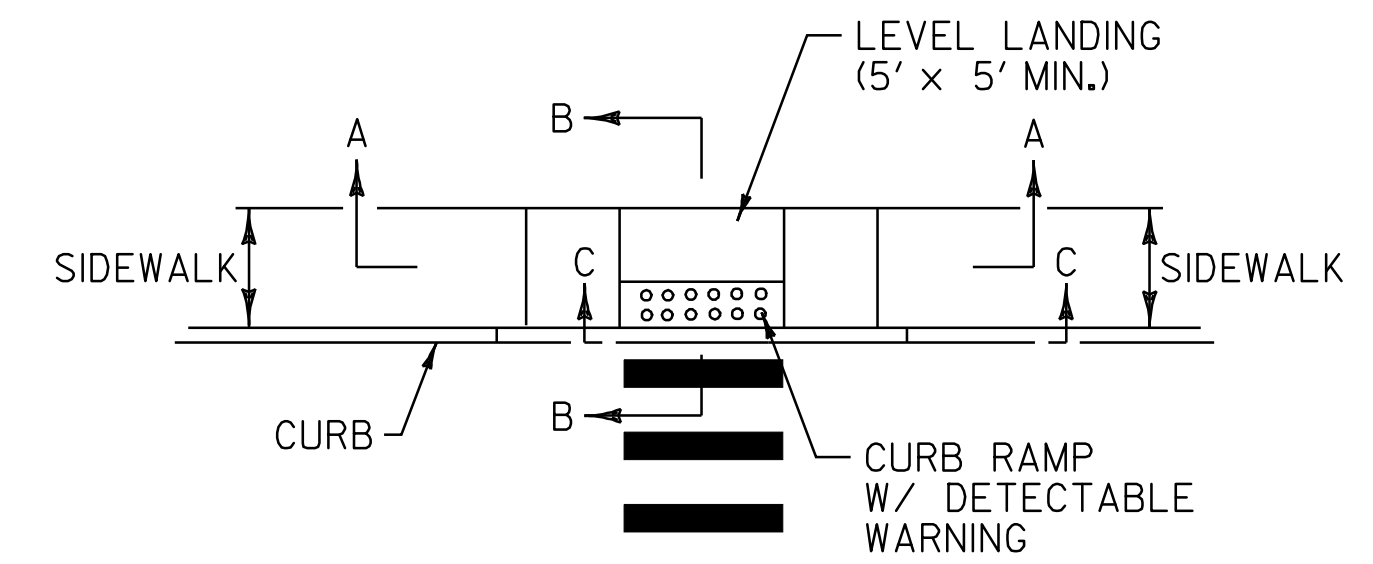
SIDEWALK RAMP DETAIL 1

N.T.S

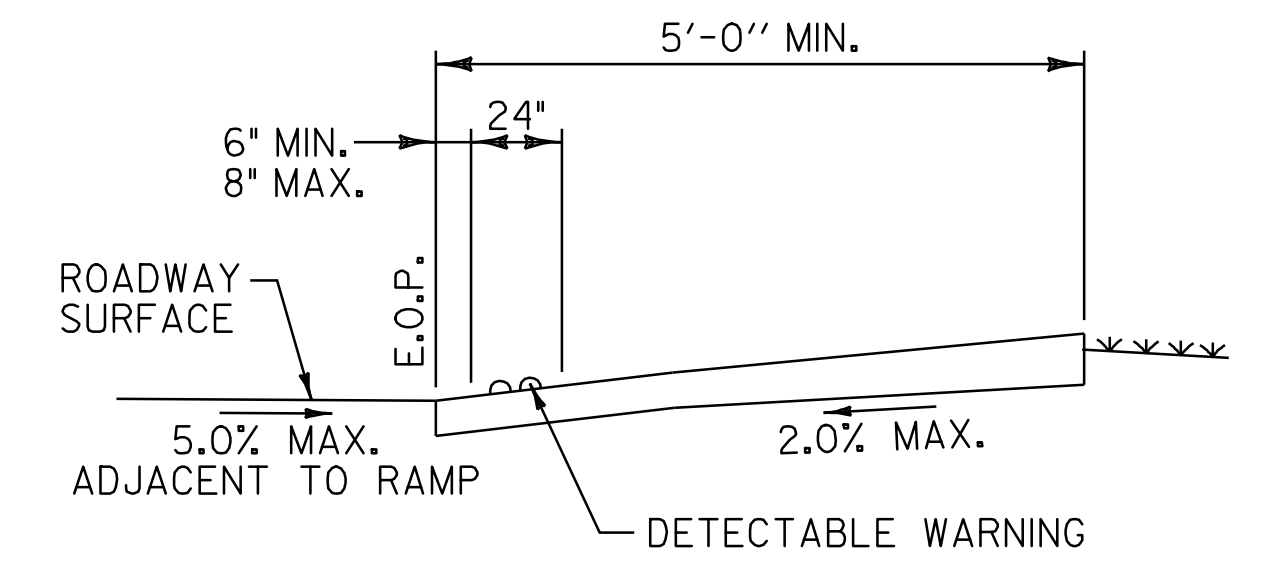


TWO WAY LEFT - TURN LANE MARKINGS DETAIL

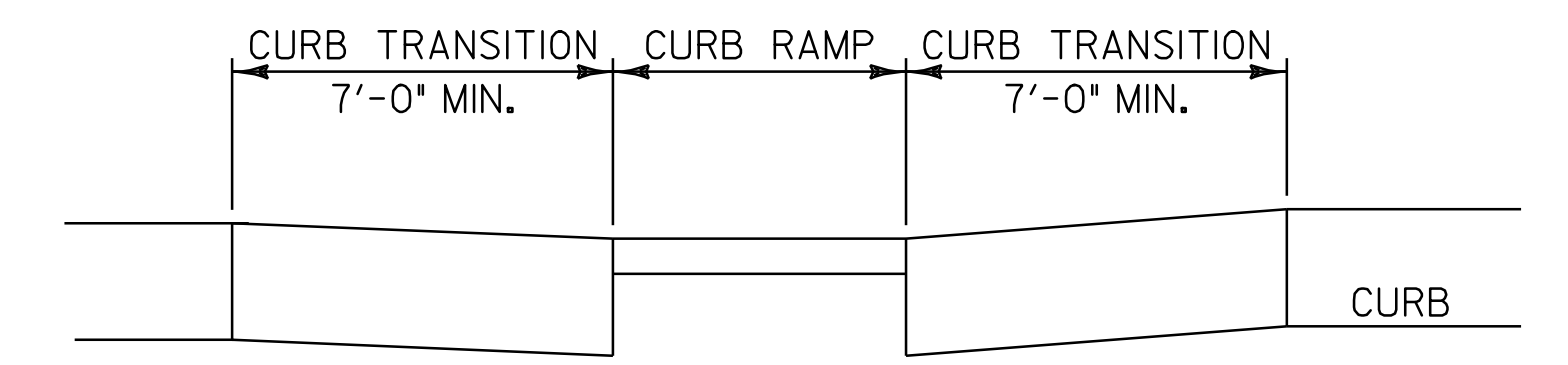
N.T.S



SECTION A-A



SECTION B-B



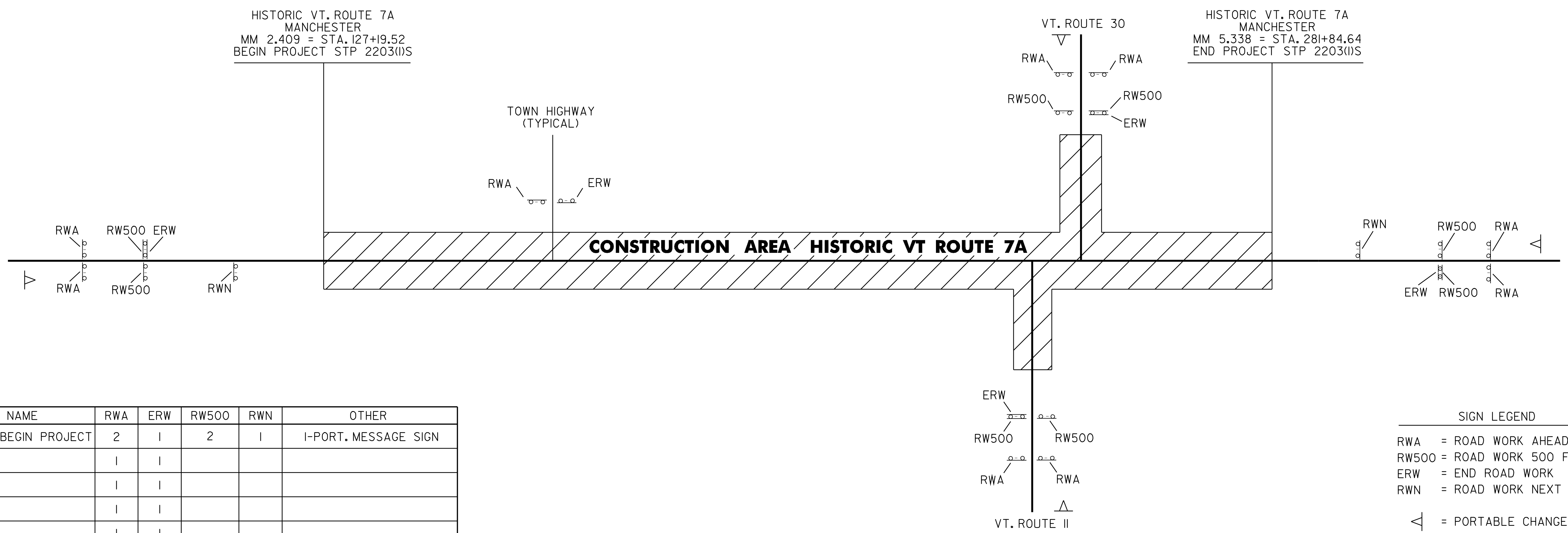
SECTION C-C

SIDEWALK RAMP DETAIL 2

N.T.S

MISCELLANEOUS DETAILS SHEET#2

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(I)S	DRAWN BY: C.A.K.
FILE NAME: p99c158.dgn	CHECKED BY: D.W.E.
PROJECT LEADER: D.E.G.	SHEET 67 OF 68
DESIGNED BY: M.J.M.	
IPARM FILE: p99c158mds2.i	



HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
HISTORIC VT. ROUTE 7A-BEGIN PROJECT	2	1	2	1	1-PORT. MESSAGE SIGN
PROSPECT STREET	1	1			
RIVER ROAD	1	1			
TACONIC ROAD	1	1			
UNION STREET	1	1			
SEMINARY AVENUE	1	1			
WEST ROAD	1	1			
SHEPARDS LANE	1	1			
LONGVIEW DRIVE	1	1			
WAYS LANE	1	1			
EQUINOX TERRACE ROAD	1	1			
HILL VIEW ROAD	1	1			
MOUNTAIN VIEW ROAD	1	1			
WYMAN LANE	1	1			
MEMORIAL AVENUE	1	1			
PARK PLACE	1	1			
CEMETERY ROAD	1	1			
BARNUMVILLE ROAD	1	1			
VT. ROUTE II	2	1	2		1-PORT. MESSAGE SIGN
COTTAGE STREET	1	1			
DEPOT STREET	1	1			
RIVERSIDE HEIGHTS	1	1			
CENTER HILL ROAD	1	1			
VT. ROUTE 30	2	1	2		1-PORT. MESSAGE SIGN
BONNET STREET	1	1			
SCHOOL STREET	1	1			
HISTORIC VT. ROUTE 7A-END PROJECT	2	1	2	1	1-PORT. MESSAGE SIGN
TOTAL	31	27	8	2	4-PORT. MESSAGE SIGNS

CONSTRUCTION APPROACH SIGNING

- NOTES:
- CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
 - DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
 - REFLECTIVE SHEETING SHALL BE TYPE VII OR BETTER.
 - CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP 350 COMPLIANT SIGN/STAND SYSTEM.
 - PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.
 - PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PAID FOR UNDER ITEM 641.15. ALL OTHER CONSTRUCTION SIGNING SHALL BE PAID FOR UNDER ITEM 641.10.
 - THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL BE CONSIDERED INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL.

SIGN LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 3 MILES

△ = PORTABLE CHANGEABLE MESSAGE SIGN

NOT TO SCALE

CONSTRUCTION APPROACH SIGNING DETAIL SHEET

PROJECT NAME: MANCHESTER	PLOT DATE: 09-MAY-2008
PROJECT NUMBER: STP 2203(1)S	DRAWN BY: C.A.K.
FILE NAME: p99cl58.dgn	CHECKED BY: D.W.E.
DESIGNED BY: M.J.M.	SHEET 68 OF 68
IPARM FILE: p99cl58cas.1	