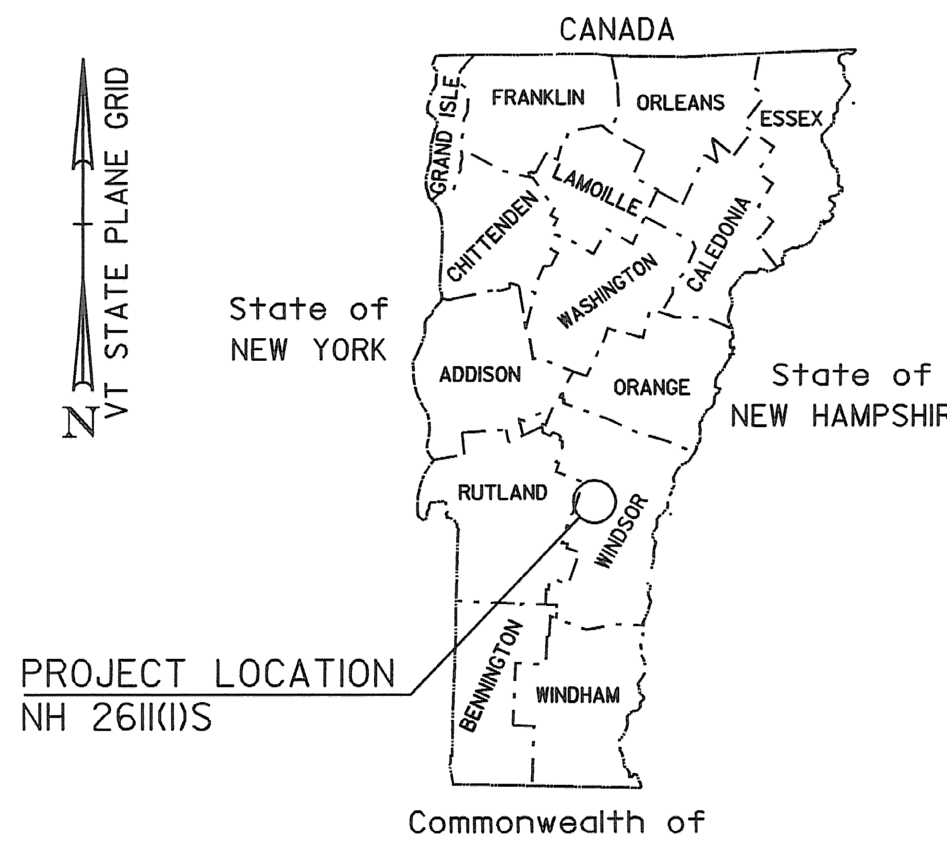
INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



RECORD PLANS	
CONTRACTOR:	FW WHITCOMB CONSTRUCTION CORP. – WALPOLE, NH
RESIDENT ENGINEER:	CHRIS BARKER
CONSTRUCTION BEGAN:	MAY 5, 2008
CONSTRUCTION COMPLETE:	JUNE 25, 2009
RECORD PLANS BY:	CHRIS BARKER & C. PIERCE

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

BY ______________ RESIDENT ENGINEER

DATE 04/22/10

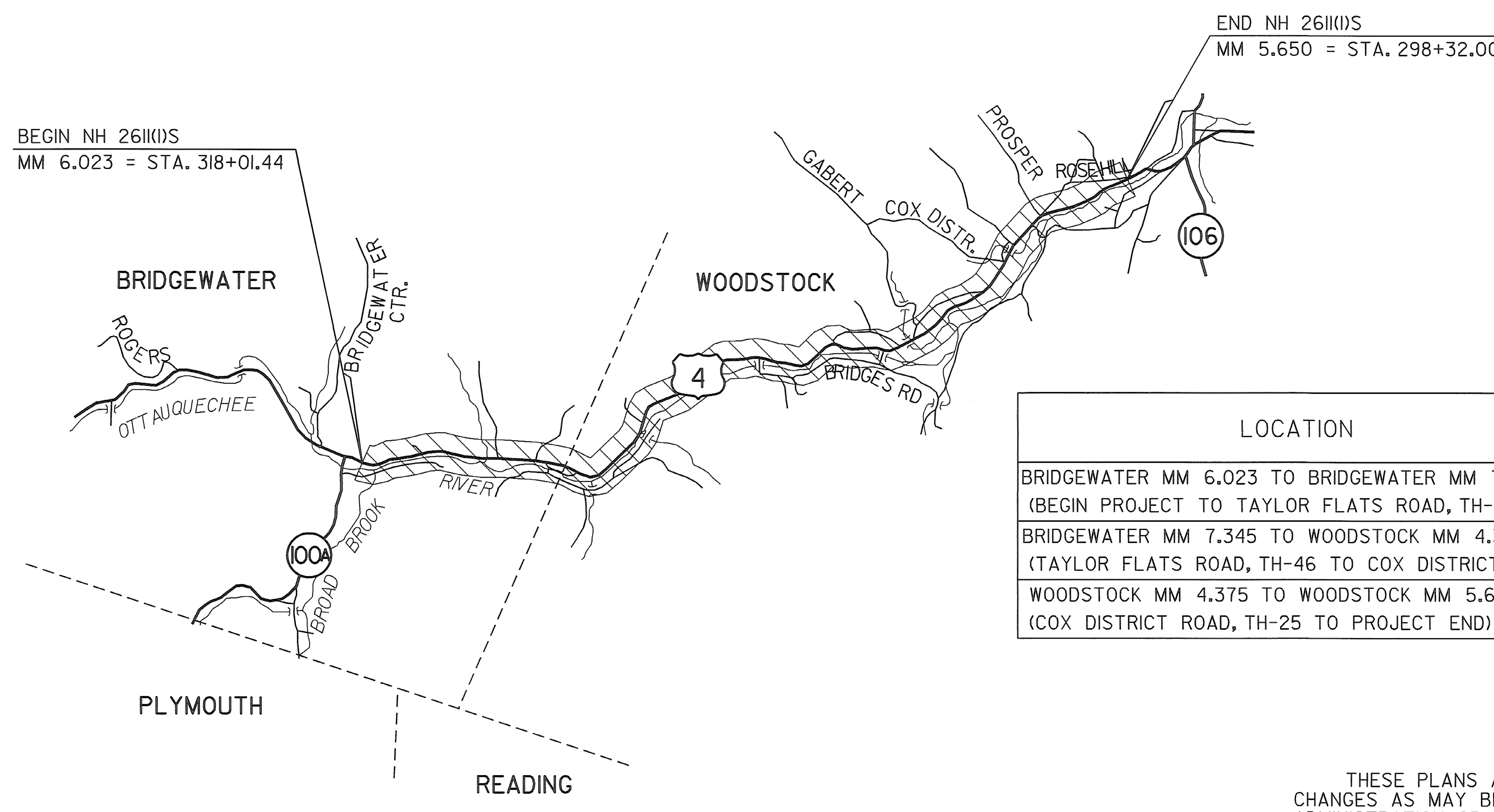
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

PROPOSED IMPROVEMENT
TOWNS OF BRIDGEWATER & WOODSTOCK
COUNTY OF WINDSOR
U.S. ROUTE 4

BEGINNING IN THE TOWN OF BRIDGEWATER ON U.S. ROUTE 4 AT MILE MARKER 6.023 = STA. 318+01.44 AND EXTENDING EASTERLY FOR A DISTANCE OF 37,693.92 FEET (7.139 MILES) TO A POINT IN THE TOWN OF WOODSTOCK AT MILE MARKER 5.650 = STA. 298+32.00.

LENGTH OF ROADWAY 37,693.92 FT (7.139 MILES)
LENGTH OF PROJECT 37,693.92 FT (7.139 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RECLAIMING, RESURFACING WITH A COLD MIXED RECYCLED PAVEMENT COURSE, BASE COURSE, AND WEARING COURSE, NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS, NEW SIGNS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	2,156,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64-28

TRAFFIC DATA

LOCATION	ADT			DHV		ESALS	ESALS
	2008	2018	2028	2008	2018	2008-2018	2008-2028
BRIDGEWATER MM 6.023 TO BRIDGEWATER MM 7.345 (BEGIN PROJECT TO TAYLOR FLATS ROAD, TH-46)	6100	6900	7700	770	870	1,839,000	4,272,000
BRIDGEWATER MM 7.345 TO WOODSTOCK MM 4.375 (TAYLOR FLATS ROAD, TH-46 TO COX DISTRICT ROAD, TH-23)	6400	7300	8100	720	820	1,622,000	3,808,000
WOODSTOCK MM 4.375 TO WOODSTOCK MM 5.650 (COX DISTRICT ROAD, TH-25 TO PROJECT END)	9300	10,400	11,600	1000	1200	1,837,000	4,312,000

STATE OF VERMONT
ERIC L. GOULD...
No. 7227
REGISTERED PROFESSIONAL ENGINEER

CONVENTIONAL SYMBOLS

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

PLANS PREPARED BY

CHA
CLOUGH HARBOUR & ASSOCIATES LLP
III Winners Circle, PO Box 5269 • Albany, NY 12205-0269
Main: (518) 453-4500 • www.cloughharbour.com

BY: ______________

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

FILE NAME = $FILE$
DATE/TIME = $DATE$
USER = $NTUSER$

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 ______________ DATE 10-11-07

PROJECT MANAGER : TED DOMEY

PROJECT NAME : BRIDGEWATER - WOODSTOCK
PROJECT NUMBER : NH 2611(1)S

NOTES

1. THE WEARING COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE BASE 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, TYPE RS-1, SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT (NOT INCLUDING RECLAIMED SURFACES) AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER. EMULSIFIED ASPHALT, TYPE RS-1, SHALL BE APPLIED TO THE FINE GRADED RECLAIMED SURFACE FOR THE PURPOSE OF DUST CONTROL AT A RATE OF 0.10 TO 0.15 GAL/SY. QUANTITIES OF EMULSIFIED ASPHALT TO BE USED FOR DUST CONTROL HAVE BEEN ESTIMATED AT 0.125 GAL/SY. PAYMENT WILL BE UNDER ITEM 404.65, EMULSIFIED ASPHALT.

3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

4. THE PORTLAND CEMENT STABILIZED COLD MIX SHALL BE PRODUCED FROM THE COLD PLANE GRINDINGS GENERATED FROM THE PROJECT AND PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT), IF THERE IS NOT A SUFFICIENT AMOUNT OF COLD PLANE GRINDINGS AVAILABLE TO PRODUCE THE 4" LIFT OF PORTLAND CEMENT STABILIZED COLD MIX, THE CONTRACTOR SHALL OBTAIN COLD PLANE GRINDINGS FROM ANOTHER SOURCE. THE COST ASSOCIATED WITH PROVIDING ADDITIONAL COLD PLANE GRINDINGS SHALL BE INCIDENTAL TO ITEM 900.675. ALL COLD PLANING PERFORMED WITHIN THE LIMITS OF THE PORTLAND CEMENT STABILIZED BASE SHALL BE CONSIDERED INCIDENTAL TO ITEM 900.675 SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT). AN ESTIMATED QUANTITY OF ITEM 900.680 SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING) AT A QUANTITY OF 2% OF (PORTLAND CEMENT FOR COLD MIXED RECYCLING), HAS BEEN INCLUDED.

5. ITEM 415.25 EMULSIFIED ASPHALT, COLD MIX SHALL BE USED AS A LIQUID BINDER IN THE PORTLAND CEMENT STABILIZED COLD MIX AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF EMULSIFIED ASPHALT AT A RATE OF 2.0 GAL/SY HAS BEEN INCLUDED IN THE PLANS.

6. PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF RECLAIMING OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.40 SUBBASE, RAP. AN ADDITIONAL QUANTITY OF ITEM 301.40 SUBBASE, RAP HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION DEFICIENCES WITHIN THE RECLAIMED SECTION. AN ESTIMATED THICKNESS OF 2" HAS BEEN INCLUDED FOR THE ENTIRE RECLAIMED SURFACE AREA. IF THERE IS NOT A SUFFICIENT AMOUNT OF COLD PLANE GRINDINGS AVAILABLE TO COMPLETE THESE REPAIRS, THE CONTRACTOR SHALL OBTAIN COLD PLANE GRINDINGS FROM ANOTHER SOURCE. THE COST ASSOCIATED WITH PROVIDING ADDITIONAL COLD PLANE GRINDINGS SHALL BE INCIDENTAL TO ITEM 301.40 SUBBASE, RAP.

7. PRIOR TO PAVING IN COLD PLANE AREAS, ANY 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 RENTAL, TYPE I. 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 AREA AS DIRECTED BY THE RESIDENT ENGINEER.

8. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL OR AS OTHERWISE NOTED ON THE PLANS. A FULL-DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGINNING OF THE PROJECT AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

9. ALL EDGES OF PAVEMENT WITHIN THE COLD PLANE SECTION 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. ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS HAVE BEEN USED WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.

10. A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I HAS BEEN INCLUDED IN THE QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.

11. DITCHING MATERIAL OR EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER, RAP AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 25 CUBIC YARDS OF DITCHING MATERIAL OR EARTH BORROW FOR EACH GUARDRAIL TERMINAL.

12. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.

13. ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION OR GRADING 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 BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28). ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.

14. ITEM 609.10 DUST CONTROL WITH WATER IS AN ESTIMATED QUANTITY TO BE USED AS DUST CONTROL ALONG THE RECLAIMED SECTION. ITEM 609.15 DUST AND ICE CONTROL WITH CALCIUM CHLORIDE IS AN ESTIMATED QUANTITY TO BE USED ON SIDE ROAD APPROACHES WHICH WILL BE PAVED.

15. STABILIZING AGENT FOR THE RECLAIMED STABILIZED BASE WILL BE WATER. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO ITEM 310.20 RECLAIMED STABILIZED BASE.

16. 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.

17. ESTIMATED QUANTITIES OF ITEM 613.10 STONE FILL, TYPE I; ITEM 649.31 GEOTEXTILE UNDER STONE FILL; AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAVE BEEN INCLUDED TO PROVIDE FOR REPAIR OF EXISTING STONE LINED DRAINAGE OUTLETS OR WASHOUTS LOCATED ALONG THE ROADWAY SIDE SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

18. PIPE INLET AND OUTLET AREAS OF DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE RENTAL ITEM(S).

19. AN ESTIMATED THICKNESS OF 2" OF IEM 301.40 SUBBASE, RAP HAS BEEN INCLUDED FOR THE PROVISION OF IMPROVING GRADATION DEFICIENCIES AND/OR CORRECTING SUPERELEVATION, AS NECESSARY, OR AS DIRECTED BY THE RESIDENT ENGINEER, THIS MATERIAL SHALL BE RECLAIMED INTO THE RECLAIMED STABILIZED BASE. PAYMENT FOR THIS SECOND OPERATION WILL BE OPERATION WILL BE INCIDENTAL TO ITEM 301.40 SUBBASE, RAP.

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INDEX OF SHEETS

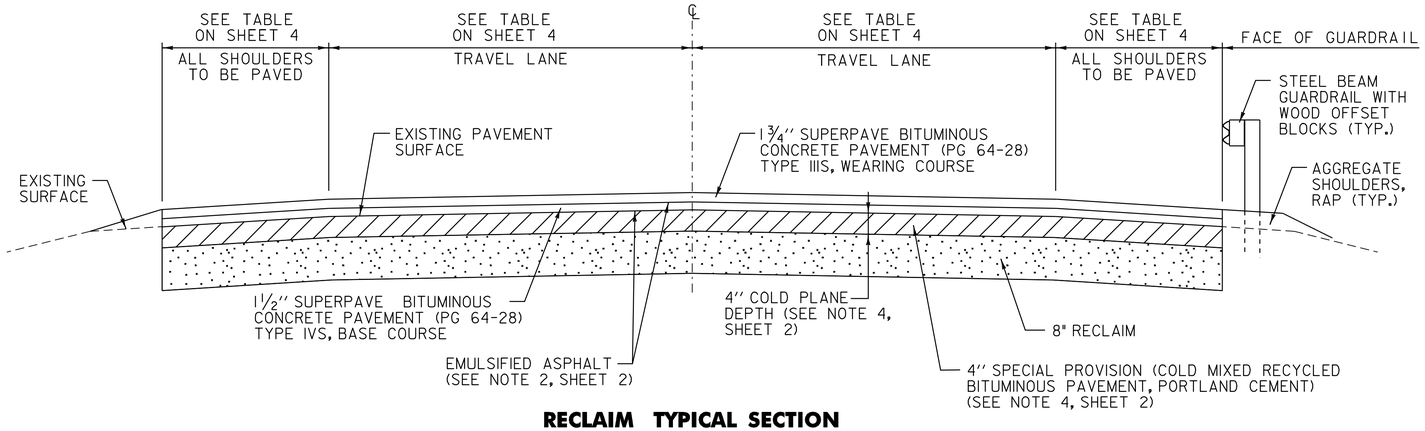
VAOT STANDARDS

INDEX OF SHEETS

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(1)S

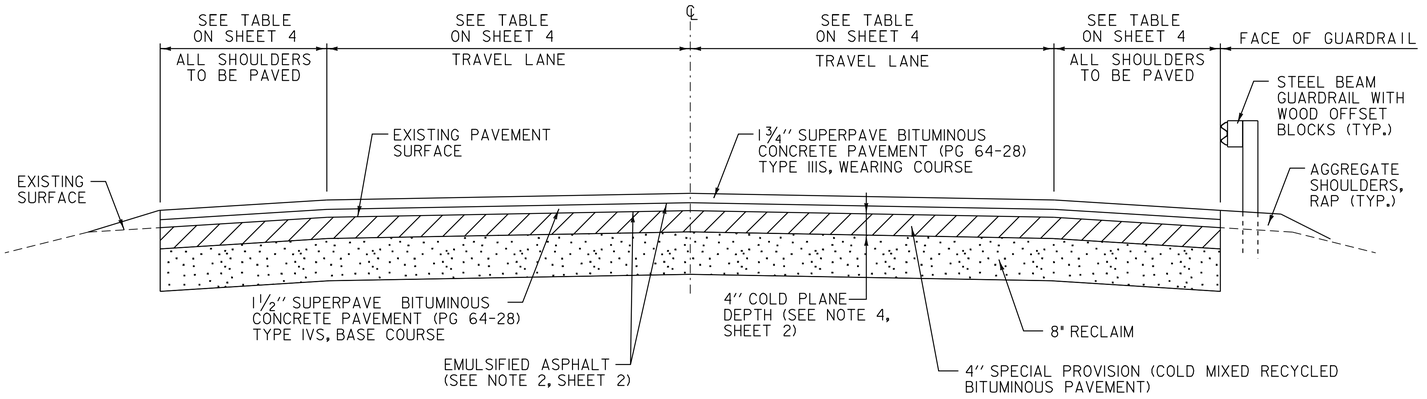
FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60ind.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



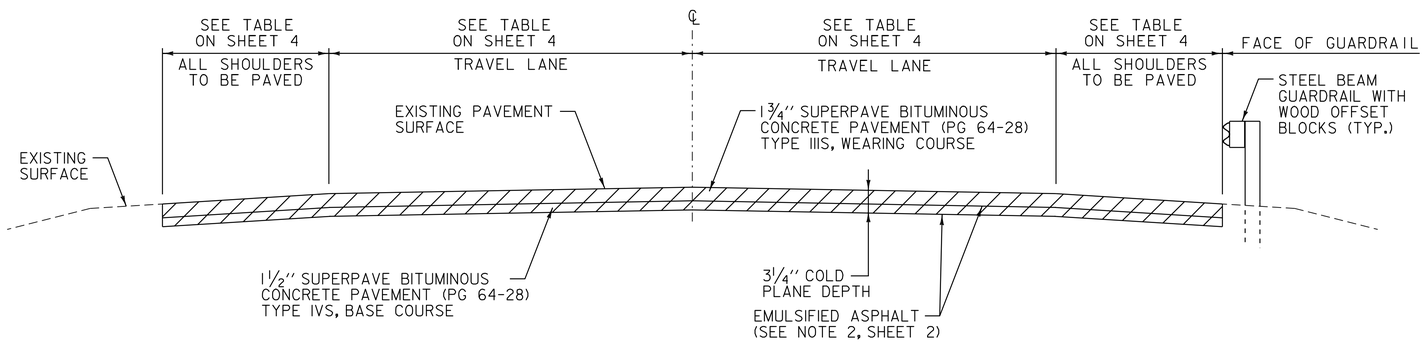
RECLAIM TYPICAL SECTION

U.S. ROUTE 4 BRIDGEWATER STA. 318+01.44 TO BRIDGEWATER STA. 350+59.20
U.S. ROUTE 4 WOODSTOCK STA. 0+00.00 TO WOODSTOCK STA. 104+54.00
U.S. ROUTE 4 WOODSTOCK STA. 117+74 TO 211+20.00



RECLAIM TYPICAL SECTION

U.S. ROUTE 4 WOODSTOCK STA. 104+54.00 TO WOODSTOCK STA. 117+74.00



COLD PLANE TYPICAL SECTION

U.S. ROUTE 4 BRIDGEWATER STA. 350+59.20 TO BRIDGEWATER STA. 396+63.36
U.S. ROUTE 4 WOODSTOCK STA. 211+20.00 TO WOODSTOCK STA. 298+32.00

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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

SEED:
TO BE APPLIED PER SEEDING FORMULA 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 APPLIED 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.

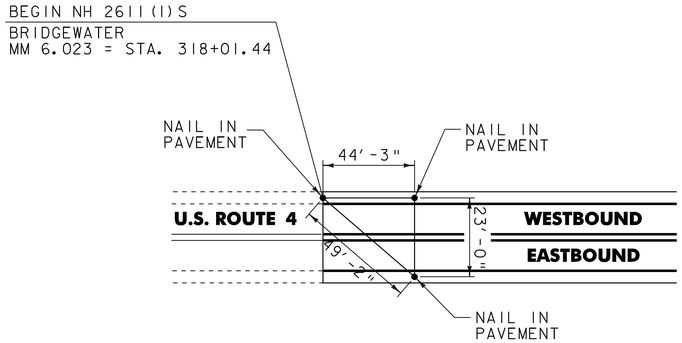
NOT TO SCALE

PROJECT TYPICAL SHEET

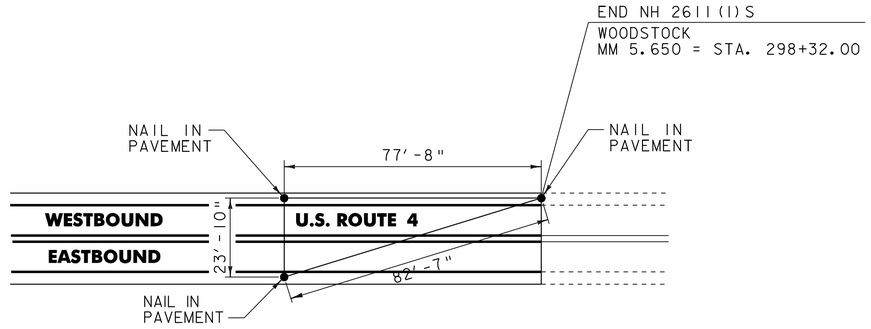
PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160ts01.

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



BEGIN PROJECT LOCATION TIES



END PROJECT LOCATION TIES

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
BRIDGEWATER:						
U.S. ROUTE 4	318+01.44	320+00.00	8'-3" - 12'-0" - 12'-0" - 8'-3"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	320+00.00	350+59.20	2'-6" - 11'-0" - 11'-0" - 2'-6"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	350+59.20	360+50.00	2'-6" - 11'-0" - 11'-0" - 2'-6"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	360+50.00	362+02.00	3'-6" - 11'-0" - 11'-0" - 3'-6"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	362+02.00	362+24.00	3'-6" - 11'-0" - 11'-0" - 3'-6"	1¼"	-	BR 46 COLD PLANE 1¼" & PAVE WITH 1¼" TYPE IVS
U.S. ROUTE 4	362+24.00	384+50.00	3'-6" - 11'-0" - 11'-0" - 3'-6"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	384+50.00	388+00.00	3'-6" - 11'-0" - 11'-0" - 7'-0"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	388+00.00	394+00.00	3'-6" - 11'-0" - 11'-0" - 3'-6"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	394+00.00	396+63.36	2'-6" - 11'-0" - 11'-0" - 2'-6"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
WOODSTOCK:						
U.S. ROUTE 4	0+00.00	60+00.00	2'-6" - 11'-0" - 11'-0" - 2'-6"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	60+00.00	62+80.00	5'-0" - 12'-0" - 12'-0" - 5'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	62+80.00	63+00.00	5'-0" - 12'-0" - 12'-0" - 5'-0"	1¼"	-	BR 47 COLD PLANE 1¼" & PAVE WITH 1¼" TYPE IVS
U.S. ROUTE 4	63+00.00	68+00.00	5'-0" - 12'-0" - 12'-0" - 5'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	68+00.00	104+54.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	104+54.00	117+74.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	117+74.00	161+25.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	161+25.00	171+00.00	VARIES - SEE PLAN	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	171+00.00	176+39.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	176+39.00	176+61.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¼"	-	BR 48 COLD PLANE 1¼" & PAVE WITH 1¼" TYPE IVS
U.S. ROUTE 4	176+61.00	211+20.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 4", RECLAIM 8", PLACE 4" CEMENT STABILIZED COLD MIX, PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	211+20.00	227+75.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	227+75.00	239+50.00	7'-0" - 12'-0" - 12'-0" - 7'-0"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	239+50.00	247+00.00	VARIES - SEE PLAN	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS
U.S. ROUTE 4	247+00.00	298+32.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1¾"	-	COLD PLANE 3¼", PAVE WITH 1½" TYPE IVS & PAVE WITH 1¾" TYPE IIIS

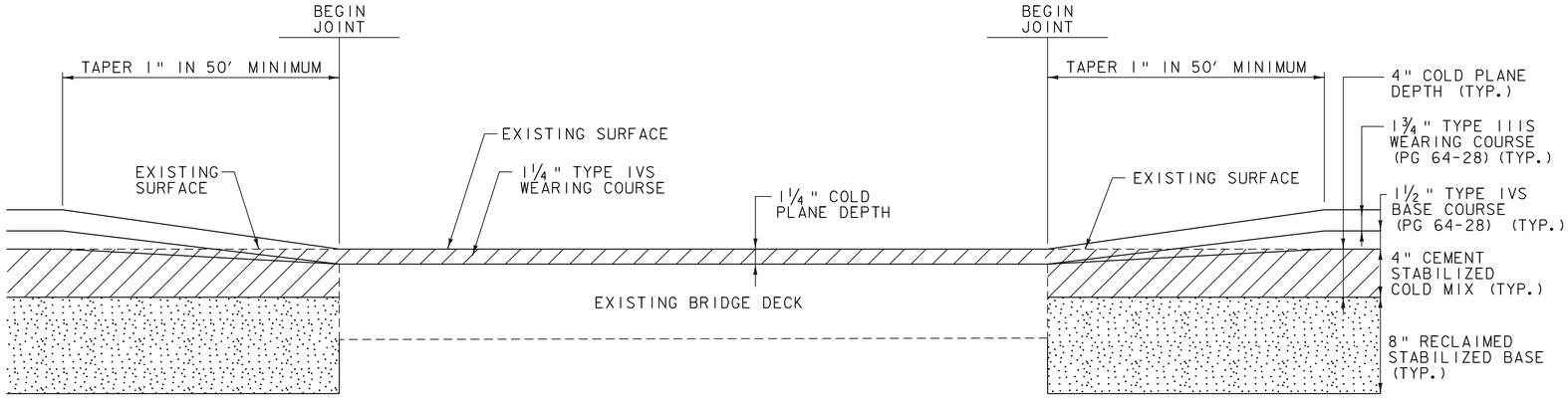
NOT TO SCALE

PAVING DETAILS SHEET #1

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

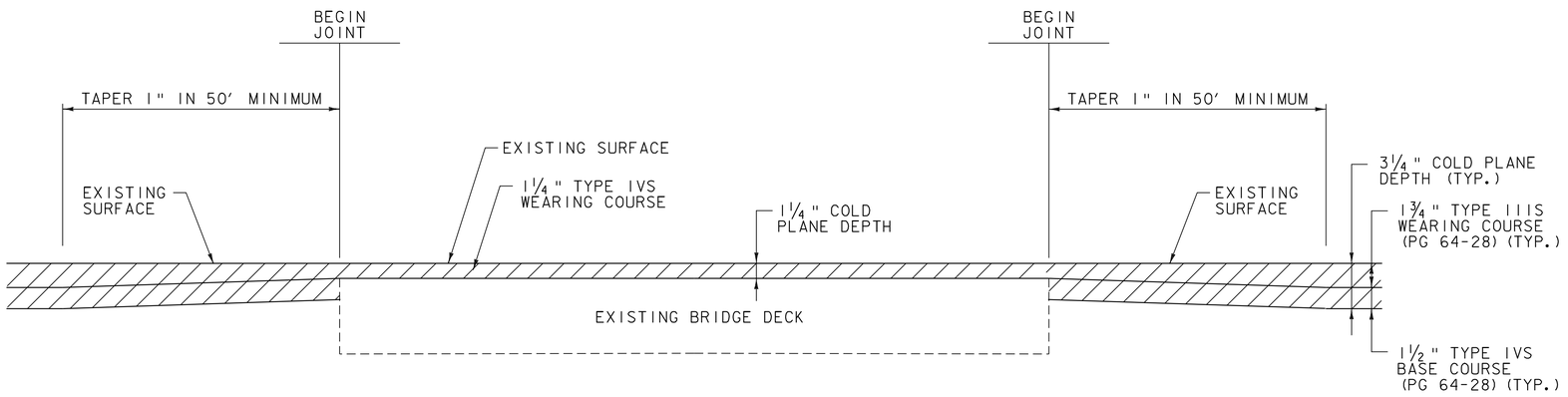
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160pg01.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



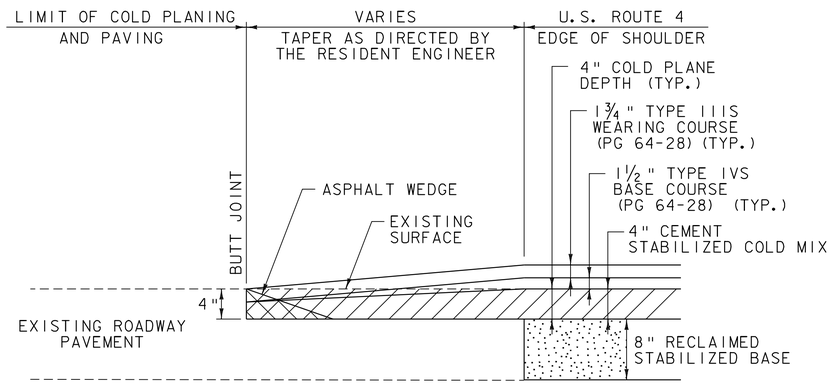
BRIDGE TRANSITION AREA DETAIL

BR 47 U.S. ROUTE 4 WOODSTOCK STA. 62+80.00 TO STA. 63+00.00
BR 48 U.S. ROUTE 4 WOODSTOCK STA. 176+39.00 TO STA. 176+61.00



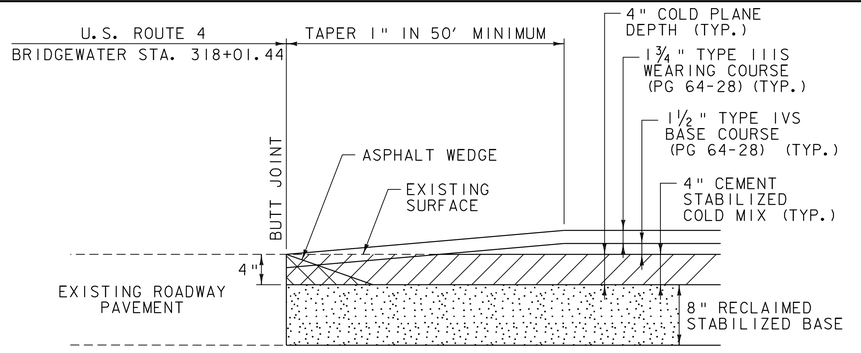
BRIDGE TRANSITION AREA DETAIL

BR 46 U.S. ROUTE 4 BRIDGEWATER STA. 362+02.00 TO STA. 362+24.00



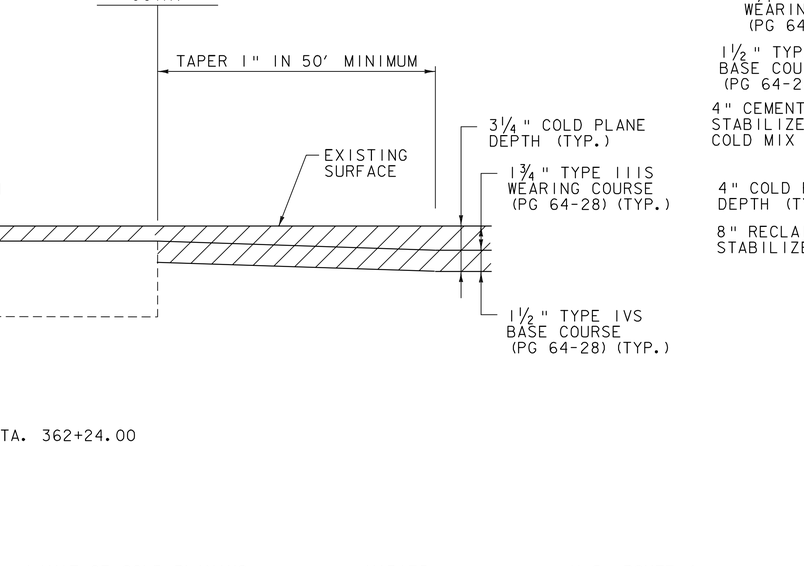
RECLAIM APPROACH AREA DETAIL

WOODSTOCK: TH-97
TH-27
TH-35
TH-28



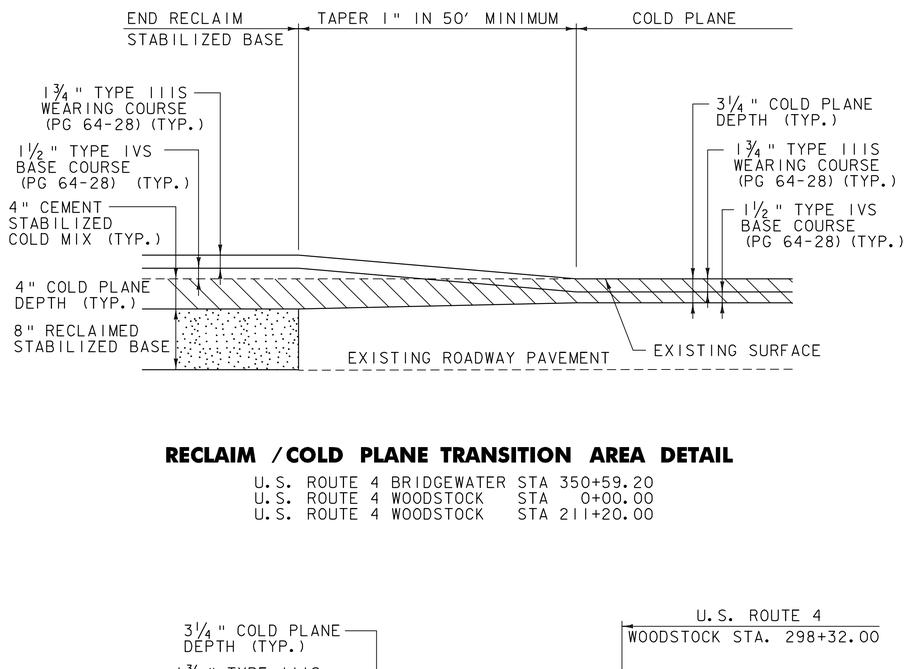
RECLAIM APPROACH AREA DETAIL

U.S. ROUTE 4 BRIDGEWATER STA 318+01.44 - BEGIN PROJECT



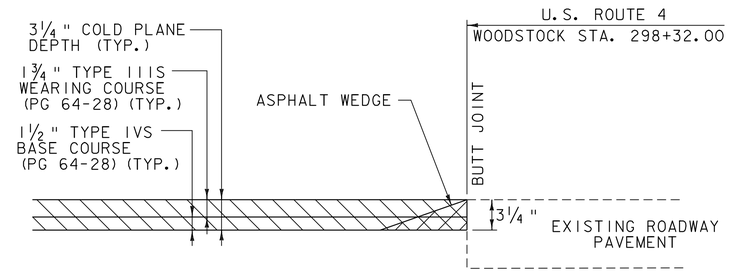
COLD PLANE APPROACH AREA DETAIL

WOODSTOCK: TH-23
TH-30
SCHOOL DRIVE
TH-50
TH-3



RECLAIM /COLD PLANE TRANSITION AREA DETAIL

U.S. ROUTE 4 BRIDGEWATER STA 350+59.20
U.S. ROUTE 4 WOODSTOCK STA 0+00.00
U.S. ROUTE 4 WOODSTOCK STA 211+20.00



COLD PLANE APPROACH AREA DETAIL

U.S. ROUTE 4 WOODSTOCK STA. 298+32.00 - END PROJECT

NOT TO SCALE

PAVING DETAILS SHEET #2

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160pd02.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 5 OF 80

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		NON-PART.	FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		-	-	-	110	110	CY	COMMON EXCAVATION	203.15	-
		-	-	-	650	650	CY	EARTH BORROW	203.30	EST.
		-	-	-	1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
		-	-	-	48,500	48,500	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	338
		-	-	-	325	325	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	15
		-	-	-	6300	6300	TON	SUBBASE, RAP	301.40	95
		-	-	-	80,000	80,000	SY	RECLAIMED STABILIZED BASE	310.20	833
		-	-	-	575	575	TON	AGGREGATE SHOULDERS	402.12	-
		-	-	-	2500	2500	TON	AGGREGATE SHOULDERS, RAP	402.13	-
		-	-	-	1400	1400	CWT	EMULSIFIED ASPHALT	404.65	20
		-	-	-	1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
		-	-	-	5000	5000	SY	COLD MIXED RECYCLED BITUMINOUS PAVEMENT	415.20	600
		-	-	-	13,300	13,300	CWT	EMULSIFIED ASPHALT, COLD MIX	415.25	95
		-	-	-	23,500	23,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)	490.30	334
		-	-	-	1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
		-	-	-	1	1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
		-	-	-	1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
		-	-	-	1	1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
		-	-	163	-	163	LF	REMOVAL OF EXISTING RAILING	525.10	0.4
		-	-	163	-	163	LF	BRIDGE RAILING REPAIR, TYPE III	526.60	-
		-	-	-	44	44	EA	REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS 1	604.412	-
		5	-	-	-	5	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
		-	-	-	200	200	HR	POWER GRADER RENTAL	608.15	EST.
		-	-	-	100	100	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
		-	-	-	75	75	HR	POWER BROOM RENTAL, TYPE 1	608.30	EST.
		-	-	-	150	150	HR	TRUCK RENTAL	608.37	EST.
		-	-	-	100	100	MGAL	DUST CONTROL WITH WATER	609.10	EST.
		-	-	-	25	25	CY	STONE FILL, TYPE I	613.10	EST.
		-	-	-	675	675	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	1
		-	-	-	5	5	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	-
		-	-	-	175	175	EA	YIELDING MARKER POSTS	619.17	-
		-	-	-	4975 *	4975 *	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	8.5
		-	-	-	13,275	13,275	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS	621.205	8
		-	-	-	410	410	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	3.4
		-	-	-	29	29	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-
		-	-	-	5	5	EA	MANUFACTURED TERMINAL SECTION, TANGENT	621.51	-
		-	-	-	4	4	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-
		-	-	-	18,200	18,200	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	87.1
		-	-	-	750	750	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
		-	-	-	1100	1100	HR	FLAGGERS	630.15	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING-BITUMINOUS PAVEMENT
44,648	SY	MAINLINE
2709	SY	SIDE ROADS
805	SY	DRIVES
338	SY	ROUNDING
48,500	SY	TOTAL
		EMULSIFIED ASPHALT
550	CWT	USED AS TACK COAT
830	CWT	USED FOR DUST CONTROL
20	CWT	ROUNDING
1,400	CWT	TOTAL
		RECLAIMED STABLIZED BASE
79,167	SY	MAINLINE
833	SY	ROUNDING
80,000	SY	TOTAL
		COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT
74,767	SY	MAINLINE
233	SY	ROUNDING
75,000	SY	TOTAL
		COLD MIXED RECYCLED BITUMINOUS PAVEMENT
4,400	SY	MAINLINE
600	SY	ROUNDING
5,000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)
12,163	TON	WEARING COURSE (TYPE IIIS)
46	TON	WEARING COURSE (TYPE IVS)
10,412	TON	BASE COURSE (TYPE IVS) *
266	TON	SIDE ROADS
25	TON	PULLOUTS
254	TON	DRIVES
334	TON	ROUNDING
23,500	TON	TOTAL
		AGGREGATE SHOULDERS
575	TON	SHOULDER BACK UP
575	TON	TOTAL
		AGGREGATE SHOULDERS, RAP
145	TON	FLARED END SECTIONS
2355	TON	SHOULDER BACK UP
2500	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

* REVISED 02-05-08

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60qs01.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 6 OF 80

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		NON-PART.	FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		-	1	-	-	1	LS	FIELD OFFICE, ENGINEERS	631.10	-
		-	1	-	-	1	LS	TESTING EQUIPMENT, CONCRETE	631.16	-
		-	1	-	-	1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
		-	1	-	-	1	LU	FIELD OFFICE, TELEPHONE (N.A.B.I.)	631.25	-
		-	-	-	1	1	LS	MOBILIZATION / DEMOBILIZATION	635.11	-
		-	-	-	1	1	LS	TRAFFIC CONTROL	641.10	-
		-	-	-	2	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
		-	-	-	77,000	77,000	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	189
		-	-	-	74,000	74,000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	234
		-	-	-	325	325	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	39
		-	-	-	750	750	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	28
		-	-	-	210	210	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	6
		-	-	-	108	108	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
		-	-	-	65	65	LF	DURABLE CROSSWALK MARKING, TYPE 1 TAPE	646.501	2.5
		-	-	-	154,000	154,000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
		-	-	-	148,000	148,000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
		-	-	-	420	420	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	12
		-	-	-	152	152	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
		-	-	-	130	130	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	5
		-	-	-	3550	3550	EA	LINE STRIPING TARGETS	646.76	EST.
		-	-	-	50	50	SY	GEOTEXTILE UNDER STONE FILL	649.31	EST.
		-	-	-	50	50	LB	SEED	651.15	EST.
		-	-	-	400	400	LB	FERTILIZER	651.18	EST.
		-	-	-	2	2	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		-	-	-	2	2	TON	HAY MULCH	651.25	EST.
		-	-	-	50	50	CY	TOPSOIL	651.35	EST.
		-	-	-	975	975	SY	TEMPORARY EROSION MATTING	653.20	26
		-	-	-	878	878	SF	TRAFFIC SIGNS, TYPE A	675.20	0.37
								BEGIN SIGN POST OPTION ITEMS		
		28	-	-	1922	1950	LF	FLANGED CHANNEL SIGN POSTS	675.301	60
		28	-	-	1922	1950	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	60
								END SIGN POST OPTION ITEMS		
		-	-	-	900	900	LF	FLANGED CHANNEL SIGN POSTS	675.301	32
		1	-	-	228	229	EA	REMOVING SIGNS	675.50	-
		1	-	-	35	36	EA	ERECTING SALVAGED SIGNS	675.60	-
		-	-	-	29	29	EA	DELINEATOR WITH STEEL POST	676.10	-
		-	-	-	1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-
		-	-	-	25 *	25 *	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/NESTED)	900.640	-
		-	-	-	75,000	75,000	SY	SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)	900.675	833
		-	-	-	360	360	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)	900.680	4

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

* REVISED 02-04-08

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60qs02.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 7 OF 80

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL								MISCELLANEOUS									REMARKS
BEGIN STATION	END STATION	POS.	621.20 S.B. GR. GALV. LF	621.205 S.B. GR. GALV. W/ 8 FT POSTS LF	621.21 HD S.B. GR. GALV. LF	621.50 MTS, FLARED EA	621.51 MTS, TANGENT EA	621.60 ANCHOR FOR S.B. RAIL EA	621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF	900.640 * SPEC. PRO. (S.B.G., GAL./NEST.) LF	EARTH BORROW/ DITCHING MATERIAL CY	203.15 COMMON EXCAVATION CY	301.28 SUBBASE CRUSHED GRAVEL TON	301.40 SUBBASE, RAP TON	402.12/402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHABING DI'S, CB'S OR MH'S,CLASS I EA	616.28 C.I.P. CONC. CURB, TYPE B LF	616.47 BIT. CONC. GUTTER AND TRAF. ISLAND. TON	676.10 DELIN. WITH S.P. EA	
BRIDGEWATER:																				
309+86.0	332+98.5	RT		2237.5		2			2042.0		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 309+86.0 TO STA. 310+23.5.
																				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 332+61.0 TO STA. 332+98.5.
318+01.44	350+59.20	LT/RT												801						SPOT REPAIRS, BACK UP SHOULDERS TO FULL HEIGHT, AND CORRECT SUPERELEVATION AND GRADATION DEFICIENCIES AS DIRECTED BY THE RESIDENT ENGINEER
323+94.0		LT														1				
326+49.0		LT														1				
331+45.0		LT														1				
335+59.0		LT														1				
336+80.5	~~347+55.5~~ 350+55.5	RT	300 *	775 ~~675.0~~		2			1042 ~~1000.0~~	25 *	50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 336+80.5 TO STA. 337+18.0. INSTALL STEEL BEAM GUARDRAIL, GALVANIZED/NESTED FROM STA. 338+18.0 TO STA. 338+43.0. * INSTALL STEEL BEAM GUARDRAIL WITH 8 FEET POSTS FROM STA. 339+43.0 TO STA. 346+18.0.
338+00	339+00			75				2		25										INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 347+18.0 TO STA. 347+55.5.
340+25.0		LT														1				
346+91.0		LT														1				
350+59.20	396+63.36	LT/RT											65		1026					SPOT REPAIRS AND BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER
361+20.8	361+95.8	RT	29 ~~12.5~~		124 ~~32.5~~	~~1~~		2	~~6.8~~ 98		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 361+20.8 TO STA. 361+58.3.
20.5																				CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 361+95.8. SEE SHEET 76 FOR BR 46 DETAILS.
361+71.8	361+98.8	LT	16.5		38.75 ~~32.0~~			~~1~~ 2	~~8.8~~ 25											SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHOR AT STA. 361+81.3. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 361+98.8. SEE SHEET 76 FOR BR 46 DETAILS.
362+27.1	363+33.4	RT	37.5		41.3	1			13.9		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 362+27.1. SEE SHEET 76 FOR BR 46 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 362+95.9 TO STA. 363+33.4.
362+30.1	363+48.9	LT	50.0		41.3	1			14.9		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 362+30.1. SEE SHEET 76 FOR BR 46 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 363+11.4 TO STA. 363+48.9.
372+71.0		LT														1				
383+91.0		LT														1				
WOODSTOCK:																				
0+00.0	211+20.0	LT/RT												5404						SPOT REPAIRS, BACK UP SHOULDERS TO FULL HEIGHT, AND CORRECT SUPERELEVATION AND GRADATION DEFICIENCES AS DIRECTED BY THE RESIDENT ENGINEER
12+07.0	16+07.0	RT	352 ~~325.0~~			2 ~~2~~		1	356.0		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 12+07.0 TO STA. 12+44.5 & STA. 15+69.5 TO STA. 16+07.0.
18+20	25+70			625																
22+86.0		LT														1				
44+50.0		LT														1				
42+79.5 ~~44+83.0~~	58+92 59+00.0	RT	625 ~~475.0~~	862.5 ~~867.0~~		2			1305.0		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 44+83.0 TO STA. 45+20.5. INSTALL STEEL BEAM GUARDRAIL WITH 8 FEET POSTS FROM STA. 49+95.5 TO STA. 58+62.5. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 58+62.5 TO STA. 59+00.0.
54+02.0		LT														1				
59+76.0		LT														1				
61+02.8	62+77.8	RT	~~12.5~~		65 ~~32.5~~	1			110 ~~52.8~~		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 61+02.8 TO STA. 61+40.3. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 62+77.8. SEE SHEET 77 FOR BR 47 DETAILS.
61+63.3	~~62~~+75.8 63	LT	~~50.0~~		65 ~~32.5~~	~~1~~ 2			~~35.8~~ 75		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 61+63.3 TO STA. 62+00.8. CONNECT NEW HD STEEL BEAM GUARDRAIL. NEW BRIDGE RAIL AT STA. 62+75.8. SEE SHEET 77 FOR BR 47 DETAILS.
~~63+00.8~~	~~63+75.8~~	LT	~~12.5~~		~~32.5~~	~~1~~			~~32.2~~		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 63+00.8. SEE SHEET 77 FOR BR 47 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 63+38.3 TO STA. 63+75.8.
SHEET SUBTOTALS:			1375.0 *	3779.5	244.6	14	-	1	4868.2	25.0 *	350	-	65	6205	1096	12	-	-	14	

* REVISED 02-04-08

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160ids1.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 8 OF 80

ITEM DETAIL SUMMARY SHEET 2

LOCATION			GUARDRAIL								MISCELLANEOUS									REMARKS
BEGIN STATION	END STATION	POS.	621.20 S.B. GR. GALV. LF	621.205 S.B. GR. GALV. W/ 8 FT POSTS LF	621.21 HD S.B. GR. GALV. LF	621.50 MTS, FLARED EA	621.51 MTS, TANGENT EA	621.60 ANCHOR FOR S.B. RAIL EA	621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF	900.640 * SPEC. PRO. (S.B.G., GAL./NEST.) LF	EARTH BORROW/ DITCHING MATERIAL CY	203.15 COMMON EXCAVATION CY	301.28 SUBBASE CRUSHED GRAVEL TON	301.40 SUBBASE, RAP TON	402.12/402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHABING DI'S, CB'S OR MH'S, CLASS I EA	616.28 C.I.P. CONC. CURB, TYPE B LF	616.47 BIT. CONC. GUTTERS AND TRAFFIC ISLANDS TON	676.10 DELIN. WITH S.P. EA	
WOODSTOCK:																				
63+02.8	~~78+90.3~~	RT	~~1525.0~~		~~32.5~~	~~1~~			~~1577.2~~		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 63+02.8. SEE SHEET 77 FOR BR 47 DETAILS.
	80+77		1087.5	662.5					1645											INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 78+52.8 TO STA. 78+90.3.
66+53.0		LT														1				
69+72.0		LT														1				
76+27.0		LT														1				
78+10.0		LT														1				
80~~+86.5~~	106+24.0	RT	175	2377 ~~2450.0~~		~~1~~	~~1~~	1	2537.0		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 80+86.5 TO STA. 81+24.0.
77																				INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 105+74.0 TO STA. 106+24.0.
89+89.0		LT														1				
91+00.0		LT														1				
93+93.0		LT														1				
	19			1739.5																
106+42.0	124+17.0	RT		~~1687.5~~		1	~~1~~	1	1775.0		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 106+42.0 TO STA. 106+92.0.
																				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 123+79.5 TO STA. 124+17.0.
109+56.0		LT														1				
111+31.0		LT														1				
126+55.0		LT														1				
129+87	133+77	RT		337.5		2														
129+90.0		LT														1				
132+93.0		LT														1				
155+00	164+00	RT	414.5	450		1		1												
~~156+04.5~~	~~164+17.0~~	RT		~~775.0~~		1			765.0		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 156+04.5 TO STA. 156+42.0. CONNECT NEW STEEL BEAM GUARDRAIL TO EXISTING COVERED BRIDGE AT STA. 164+17.0.
50	25		79						50											
164~~+29.0~~	165~~+04.0~~	RT	~~37.5~~			~~1~~		1	~~36.0~~		25				5				1	CONNECT NEW STEEL BEAM GUARDRAIL TO EXISTING COVERED BRIDGE AT STA. 164+29.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 164+66.5 TO STA. 165+04.0.
176+00	177+25				65				75											
~~175+98.5~~	~~176+38.0~~	RT	~~14.5~~		~~32.5~~	1		1	~~28.0~~											SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHOR AT STA. 176+08.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 176+38.0. SEE SHEET 78 FOR BR 48 DETAILS.
	177+23				65				75											
176+11.0	~~176+38.0~~	LT	2		~~32.0~~	1		1	~~28.0~~											SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHOR AT STA. 176+20.5. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 176+38.0. SEE SHEET 78 FOR BR 48 DETAILS.
~~176+63.0~~	~~177+75.5~~	RT	~~50.0~~		~~32.5~~	~~1~~			~~24.0~~		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 176+63.0. SEE SHEET 78 FOR BR 48 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 177+38.0 TO STA. 177+75.5.
~~176+63.0~~	~~178+38.0~~	LT	~~112.5~~		~~32.5~~	~~1~~			~~24.0~~		25				5				1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 176+63.0. SEE SHEET 78 FOR BR 48 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 178+00.5 TO STA. 178+38.0.
				2525					2615											
182+31.0	209+31.0	RT	~~687.5~~	~~1937.5~~		2			~~2599.0~~		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 182+31.0 TO STA. 182+68.5. INSTALL STEEL BEAM GUARDRAIL WITH 8 FEET POSTS FROM STA. 182+68.5 TO STA. 195+06.0 AND FROM STA. 201+93.5 TO STA. 208+93.5. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 208+93. TO STA. 209+31.0.
183+02.0		LT														1				
194+64.0		LT														1				
198+87.0		LT														1				
202+98.0		LT														1				
207+40.0		LT														1				
SHEET SUBTOTALS:			2427.0	6850.0	162.0	9	2	2	9393.2	-	225	-	-	-	45	17	-	-	9	

* REVISED 02-04-08

ITEM DETAIL SUMMARY SHEET #2

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160ids2.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 9 OF 80

ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL								MISCELLANEOUS									REMARKS
BEGIN STATION	END STATION	POS.	621.20 S.B. GR. GALV. LF	621.205 S.B. GR. GALV. W/ 8 FT POSTS LF	621.21 HD S.B. GR. GALV. LF	621.50 MTS, FLARED EA	621.51 MTS, TANGENT EA	621.60 ANCHOR FOR S.B. RAIL EA	621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF	900.640 * SPEC. PRO. (S.B.G., GAL./NEST.) LF	EARTH BORROW/ DITCHING MATERIAL CY	203.15 COMMON EXCAVATION CY	301.28 SUBBASE CRUSHED GRAVEL TON	301.40 SUBBASE, RAP TON	402.12/402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHABING DI'S, CB'S OR MH'S, CLASS I EA	616.28 C.I.P. CONC. CURB, TYPE B LF	616.47 BIT. CONC. GUTTERS AND TRAFFIC ISLANDS TON	676.10 DELIN. WITH S.P. EA	
WOODSTOCK:																				
211+20.0	298+32.0	LT/RT											120		1904					SPOT REPAIRS AND BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER
			737.5						815											
231+00.0	239+75.0	RT	~~800.0~~			2			~~830.0~~		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 231+00.0 TO STA. 231+37.5 & STA. 239+37.5 TO STA. 239+75.0.
233+80.0		RT														1				
235+80.0		RT														1				
								2												
236+47.5	239+10.0	LT	264.5			1		~~1~~	264.5		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 236+47.5 TO STA. 236+85.0. SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHOR AT STA. 239+10.0
237+80.0		RT														1				
255+85.0		RT														1				
			89.5																	
257+54.0	259+29.0	LT	~~100.0~~			~~2~~		1	76.0		50				10				2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 257+54.0 TO STA. 257+91.5 & STA. 258+91.5 TO STA. 259+29.0.
261+60.0		RT														1				
262+93.0	264+94.0	RT										67	76				410.0	3		SEE SHEET 79 FOR BITUMINOUS CONCRETE TRAFFIC ISLAND DETAILS.
265+51.0	266+79.0	RT										43	49				264.0	2		SEE SHEET 79 FOR BITUMINOUS CONCRETE TRAFFIC ISLAND DETAILS.
264+85.0		RT														1				
	278+15			470		2			412											
267+38.5	~~282+01.0~~	RT		~~1375.0~~		~~1~~	~~1~~		~~1320.0~~ 910		25				5				1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 267+38.5 TO STA. 267+76.0.
272+86	282+01	RT		825		1	1													INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 281+51.0 TO STA. 282+01.0.
271+33.0		LT														1				
273+56.0		LT														1				
278+56.0		LT														1				
281+66.0		LT														1				
				1327					1355											
283+93.0	297+55.5	RT		~~1262.5~~			~~2~~	1	~~1361.0~~											INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 283+93.0 TO STA. 284+43.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 297+05.5 TO STA. 297+55.5.
287+67.0		LT														1				
291+20.0		LT														1				
293+08.0		LT														1				
295+73.0		LT														1				
298+28.0		LT														1				
SHEET SUBTOTALS			1164.5	2637.5	-	6	3	1	3851.5	-	150	110	245	-	1934	15	674	5	6	
SHEET 8 SUBTOTALS:			1375.0 *	3779.5	244.6	14	-	1	4868.2	25.0 *	350	-	65	6205	1096	12	-	-	14	
SHEET 9 SUBTOTALS:			2427.0	6850.0	162.0	9	2	2	9393.2	-	225	-	-	-	45	17	-	-	9	
ROUNDINGS:			8.5	8	3.4	-	-	-	87.1	-	-	-	15	95	-	-	1	-	-	
TOTALS:			4975.0 *	13,275	410	29	5	4	18,200	25.0 *	725	110	325	6300	3075	44	675	5	29	

* REVISED 02-04-08

ITEM DETAIL SUMMARY SHEET #3

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

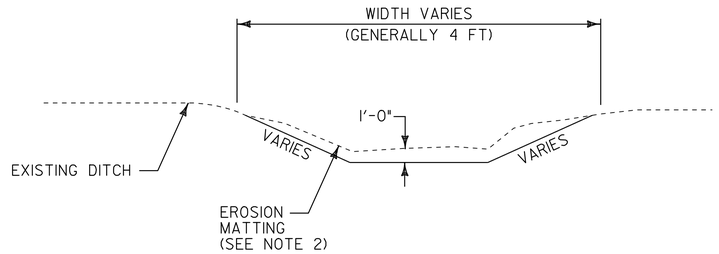
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160idgs3.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 10 OF 80

LOCATION				FEET OF DITCHING				MISC. ITEMS		REMARKS
								653.20	651.15	
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMP. EROS. MATT.	SEED	
				0-1	1-2.5	2.5-10	>10			
U.S. ROUTE 4								SY	LB	
WOODSTOCK:										
1	158+40	161+04	LT		264			176	2	
2	184+80	196+42	LT		1162			773	7	
ROUNDINGS					-			26	1	
TOTALS					1426			975	10	

LOCATION				FEET OF DITCHING				MISC. ITEMS		REMARKS
								653.20	651.15	
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMP. EROS. MATT.	SEED	
				0-1	1-2.5	2.5-10	>10			
								CY	SY	

LOCATION				FEET OF DITCHING				MISC. ITEMS		REMARKS
								653.20	651.15	
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMP. EROS. MATT.	SEED	
				0-1	1-2.5	2.5-10	>10			
								CY	SY	



DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH-26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60dcs.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 11 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 318+01.44 - STA. 320+50.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 318+01.44 - STA. 320+50.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 318+01.44 - STA. 320+50.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 318+01.44 - STA. 320+50.00	S	-	S

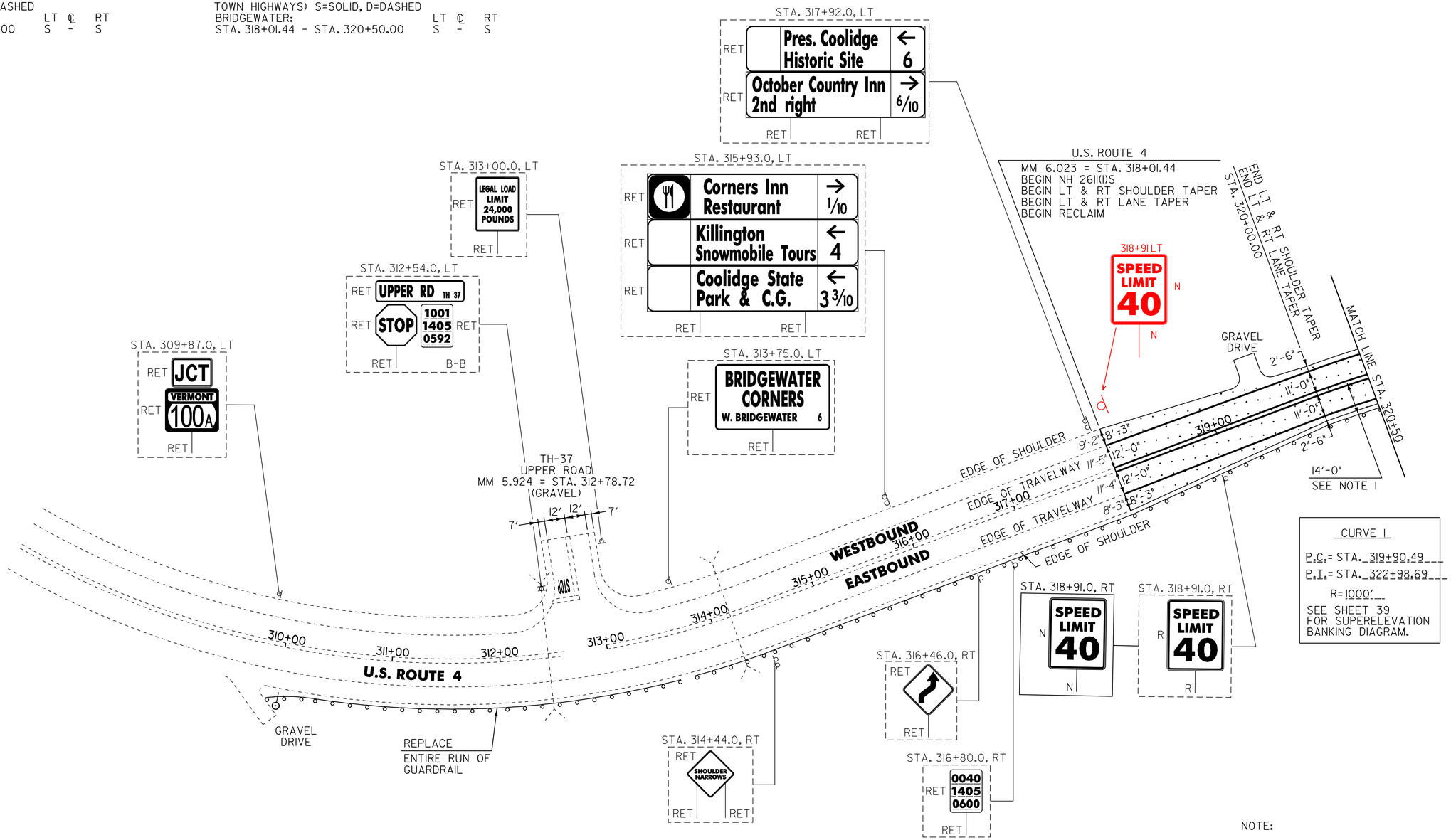
675.50 REMOVING SIGNS
AS SHOWN - 1

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER:
STA. 310+23.5 - STA. 320+50.0 RT (1026.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER:
STA. 309+86.0 - STA. 310+23.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 309+86.0 - STA. 320+50.0 RT (1064.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE 1 WHITE
BRIDGEWATER:
STA. 309+86.0 RT



CURVE 1
P.C. = STA. 319+90.49
P.I. = STA. 322+98.69
R = 1000'
SEE SHEET 39 FOR SUPERELEVATION BANKING DIAGRAM.

LEGEND
RECLAIMED STABILIZED BASE

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

NOTE:
1. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #1

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60101.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 12 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 320+50.00 - STA. 336+00.00 LT & RT

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

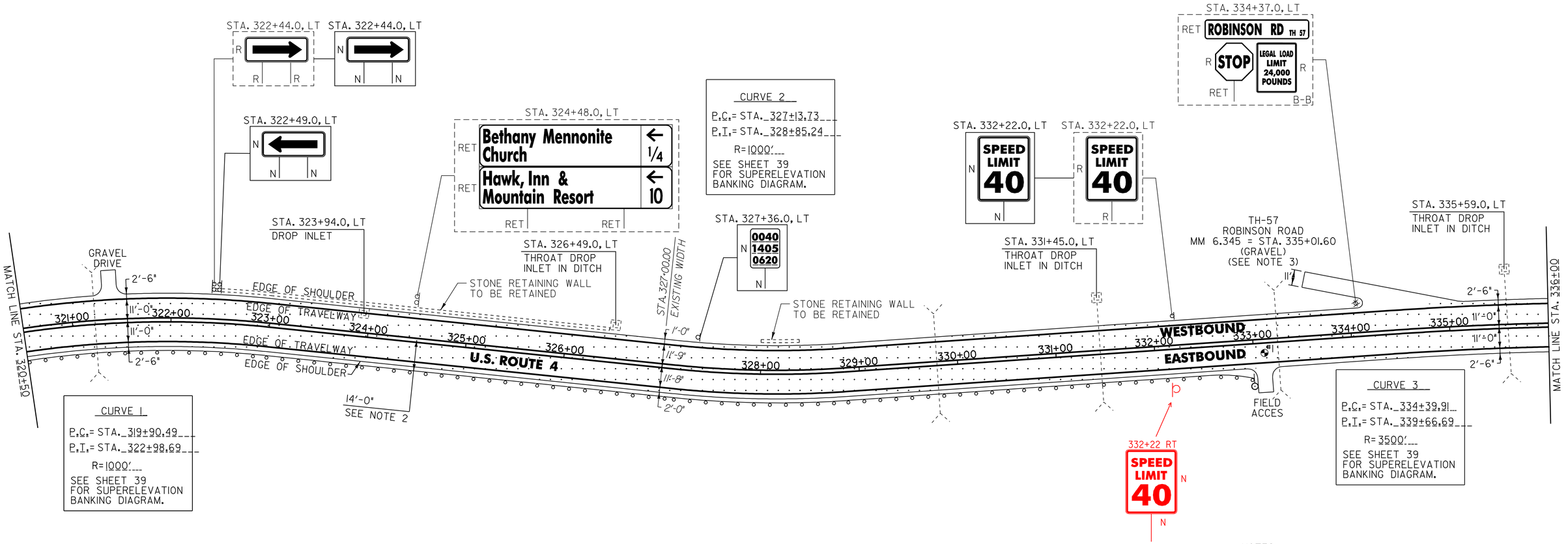
BRIDGEWATER:	LT	℄	RT
STA. 320+50.00 - STA. 336+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 320+50.00 - STA. 336+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 320+50.00 - STA. 336+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 4



CURVE 1
P.C.= STA. 319+90.49
P.I.= STA. 322+98.69
R=1000'
SEE SHEET 39 FOR SUPERELEVATION BANKING DIAGRAM.

CURVE 2
P.C.= STA. 327+13.73
P.I.= STA. 328+85.24
R=1000'
SEE SHEET 39 FOR SUPERELEVATION BANKING DIAGRAM.

CURVE 3
P.C.= STA. 334+39.91
P.I.= STA. 339+66.69
R= 3500'
SEE SHEET 39 FOR SUPERELEVATION BANKING DIAGRAM.

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.
3. NO OPENING IN THE CENTERLINE OR EDGE LINE MARKINGS, NO STOP, AND NO LEGAL LOAD LIMIT SIGN WILL BE PROVIDED FOR TH-57 BECAUSE IT IS A CLASS IV TOWN HIGHWAY.

LEGEND
RECLAIMED STABILIZED BASE

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
BRIDGEWATER:
STA. 323+94.0 LT
STA. 326+49.0 LT
STA. 331+45.0 LT
STA. 335+59.0 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER:
STA. 320+50.0 - STA. 332+61.0 RT (1211.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER:
STA. 332+61.0 - STA. 332+98.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 320+50.0 - STA. 330+28.0 RT (978.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
BRIDGEWATER:
STA. 332+98.5 RT

PAVEMENT CORES = ◔

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
1	9	NO	

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160102.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 13 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 336+00.00 - STA. 352+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 336+00.00 - STA. 352+00.00	S	-	S

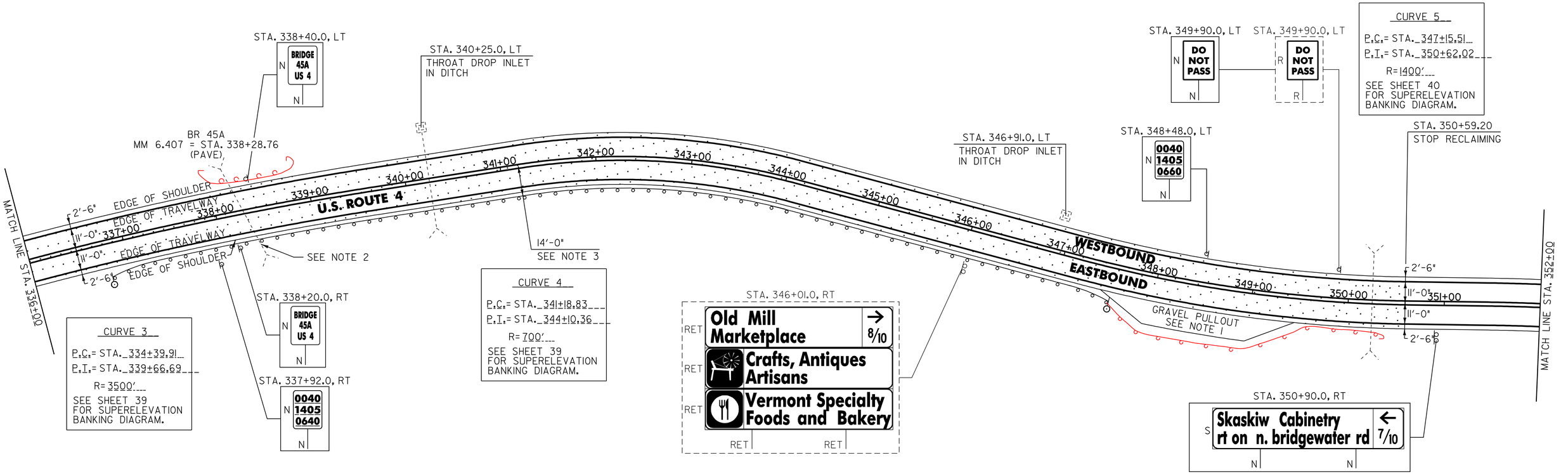
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 336+00.00 - STA. 352+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 336+00.00 - STA. 352+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
2. SEE SHEET 79 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAILS.
3. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.

338+00 - 338+75 LT (75')

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
BRIDGEWATER:
STA. 340+25.0 LT
STA. 346+91.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
BRIDGEWATER:
STA. 346+18.0 - STA. ~~347~~ 350 +18.0 RT (~~100.0~~ 500 LF)
STA. 337+18.0 - STA. 338+18.0 RT (100.0 LF) *
STA. 338+43.0 - STA. 339+43.0 RT (100.0 LF) *
344+93

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER:
STA. ~~339+43.0~~ 337+18 - STA. ~~346+18.0~~ 344+93 RT (~~675.0~~ 775 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER:
STA. 336+80.5 - STA. 337+18.0 RT
STA. ~~347~~ 350 +18.0 - STA. ~~347~~ 350 +55.5 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
338+00 LT
338+75 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 337+49.0 - STA. 347+49.0 RT (1000.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
BRIDGEWATER:
STA. 336+80.5 RT
STA. 347+55.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/NESTED)
BRIDGEWATER:
STA. 338+18.0 - STA. 338+43.0 RT (25.0 LF) *

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

LEGEND
RECLAIMED STABILIZED BASE

NOT TO SCALE

* REVISED 02-04-08

PROJECT LAYOUT SHEET #3

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S

FILE NAME:
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b1601031

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 14 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 352+00.00 - STA. 368+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 352+00.00 - STA. 368+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 352+00.00 - STA. 368+00.00 LT & RT

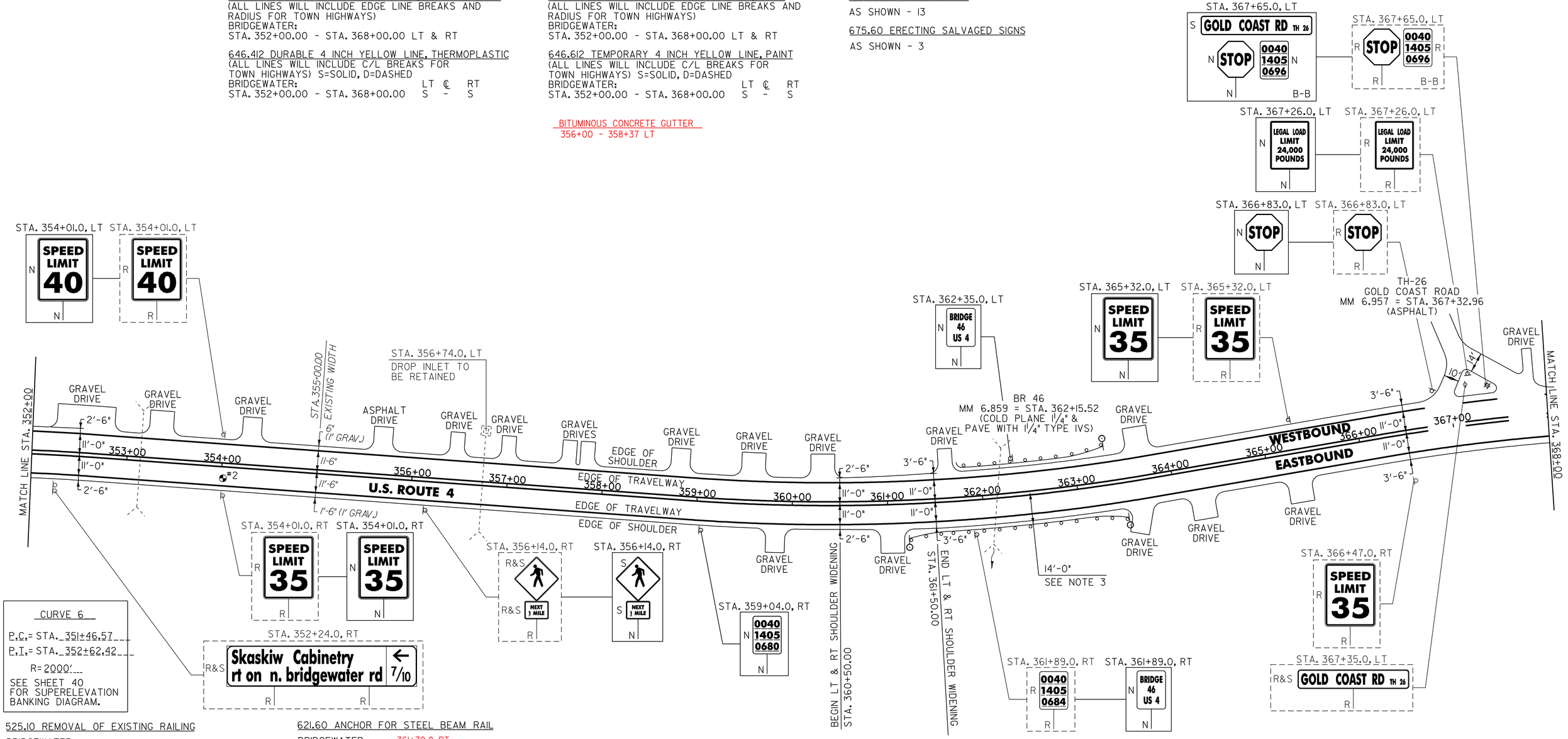
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

BRIDGEWATER:	LT	℄	RT
STA. 352+00.00 - STA. 368+00.00	S	-	S

BITUMINOUS CONCRETE GUTTER
356+00 - 358+37 LT

675.50 REMOVING SIGNS
AS SHOWN - 13

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



CURVE 6

P.C.= STA. 351+46.57
P.I.= STA. 352+62.42
R= 2000'
SEE SHEET 40 FOR SUPERELEVATION BANKING DIAGRAM.

525.10 REMOVAL OF EXISTING RAILING

BRIDGEWATER:
STA. 361+95.8 - STA. 362+27.1 RT (31.3 LF)
STA. 362+98.8 - STA. 362+30.1 LT (31.3 LF)

621.20 STEEL BEAM GUARDRAIL (GALVANIZED)

BRIDGEWATER:
~~STA. 361+58.3 - STA. 361+70.8 RT (12.5 LF)~~ 52.1 25
STA. 362+~~58.4~~ 55.1 - STA. 362+~~95.9~~ RT ~~(37.5 LF)~~ 77.1
STA. 362+~~61.4~~ 55.1 - STA. ~~363+11.4~~ 362+67.6 LT ~~(50.0 LF)~~ 25

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER:
52.1
STA. 361+70.8 - STA. 361+95.8 RT (32.5 LF)
STA. 361+~~71.8~~ 80 - STA. 361+98.8 LT (32.0 LF) 26 75
STA. 362+27.1 - STA. 362+~~58.4~~ 55.1 RT (~~41.3~~ 32.5 LF) 32.5
STA. 362+30.1 - STA. 362+~~61.4~~ 55.1 LT (~~41.3~~ 32.5 LF)

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~

~~BRIDGEWATER:~~
~~STA. 361+20.8 - STA. 361+58.3 RT~~
~~STA. 362+95.9 - STA. 363+33.4 RT~~
~~STA. 363+11.4 - STA. 363+48.9 LT~~

621.60 ANCHOR FOR STEEL BEAM RAIL

BRIDGEWATER:
STA. 361+~~81.3~~ 80 LT
361+70.8 RT
362+67.6 RT
362+67.6 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 361+89.0 - STA. 361+95.8 RT (6.8 LF)
STA. 361+90.0 - STA. 361+98.8 LT (8.8 LF)
STA. 362+27.1 - STA. 362+41.0 RT (13.9 LF)
STA. 362+30.4 - STA. 362+45.0 LT (14.9 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

BRIDGEWATER:
STA. 361+20.8 RT
STA. 363+33.4 RT
STA. 363+48.9 LT

525.60 BRIDGE RAILING REPAIR, TYPE III

BRIDGEWATER:
STA. 361+95.8 - STA. 362+27.1 RT (31.3 LF)
STA. 362+98.8 - STA. 362+30.1 LT (31.3 LF)

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 76 FOR BR 46 DETAILS
3. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.

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

PAVEMENT CORES = ◔

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
2	7½	NO	

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b16001.04.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 15 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 368+00.00 - STA. 384+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 368+00.00 - STA. 384+00.00	S	-	S
STA. 383+48.64 DOUBLE SOLID LT, TH-3			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

BRIDGEWATER:
STA. 383+48.64 LT, TH-3

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

BRIDGEWATER:
STA. 381+30.0 RT, "S,C,H,0,0,L" (6 EA)
STA. 383+48.64 LT, TH-3 "S,T,0,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 368+00.00 - STA. 384+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 368+00.00 - STA. 384+00.00	S	-	S
STA. 383+48.64 DOUBLE SOLID LT, TH-3			

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

BRIDGEWATER:
STA. 383+48.64 LT, TH-3

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

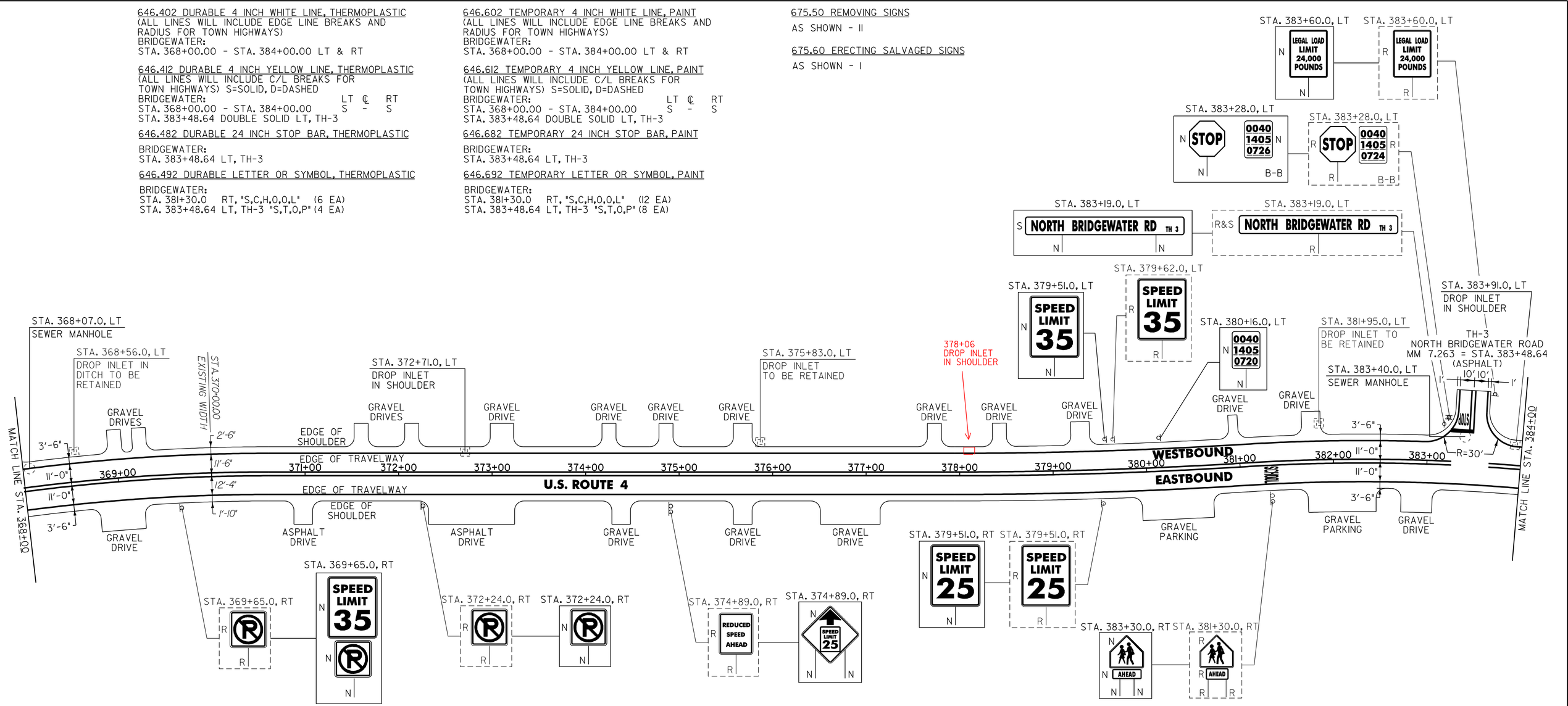
BRIDGEWATER:
STA. 381+30.0 RT, "S,C,H,0,0,L" (12 EA)
STA. 383+48.64 LT, TH-3 "S,T,0,P" (8 EA)

675.50 REMOVING SIGNS

AS SHOWN - II

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - I



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

BRIDGEWATER:
STA. 372+71.0 LT 378+60 LT
STA. 383+91.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

BRIDGEWATER:
STA. 368+07.0 LT
STA. 383+40.0 LT

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 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 #5

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160105.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 16 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 384+00.00 - STA. 396+63.36 LT & RT

WOODSTOCK:
STA. 0+00.00 - STA. 2+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 384+00.00 - STA. 396+63.36	S	-	S
STA. 387+81.60 DOUBLE SOLID RT, TH-46			

WOODSTOCK:			
STA. 0+00.00 - STA. 2+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 384+00.00 - STA. 396+63.36 LT & RT

WOODSTOCK:
STA. 0+00.00 - STA. 2+00.00 LT & RT

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

BRIDGEWATER:	LT	℄	RT
STA. 384+00.00 - STA. 396+63.36	S	-	S
STA. 387+81.60 DOUBLE SOLID RT, TH-46			

WOODSTOCK:			
STA. 0+00.00 - STA. 2+00.00	S	-	S

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

BRIDGEWATER:
STA. 387+81.60 RT, TH-46

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

BRIDGEWATER:
STA. 387+81.60 RT, TH-46 "S,T,0,P" (4 EA)
STA. 390+38.0 LT, "S,C,H,0,0,L" (6 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

BRIDGEWATER:
STA. 387+81.60 RT, TH-46

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

BRIDGEWATER:
STA. 387+81.60 RT, TH-46 "S,T,0,P" (8 EA)
STA. 390+38.0 LT, "S,C,H,0,0,L" (12 EA)

646.501 DURABLE CROSSWALK MARKING, ~~TYPE I TAPE~~ THERMOPLASTIC

BRIDGEWATER:
STA. 385+40.0, LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT

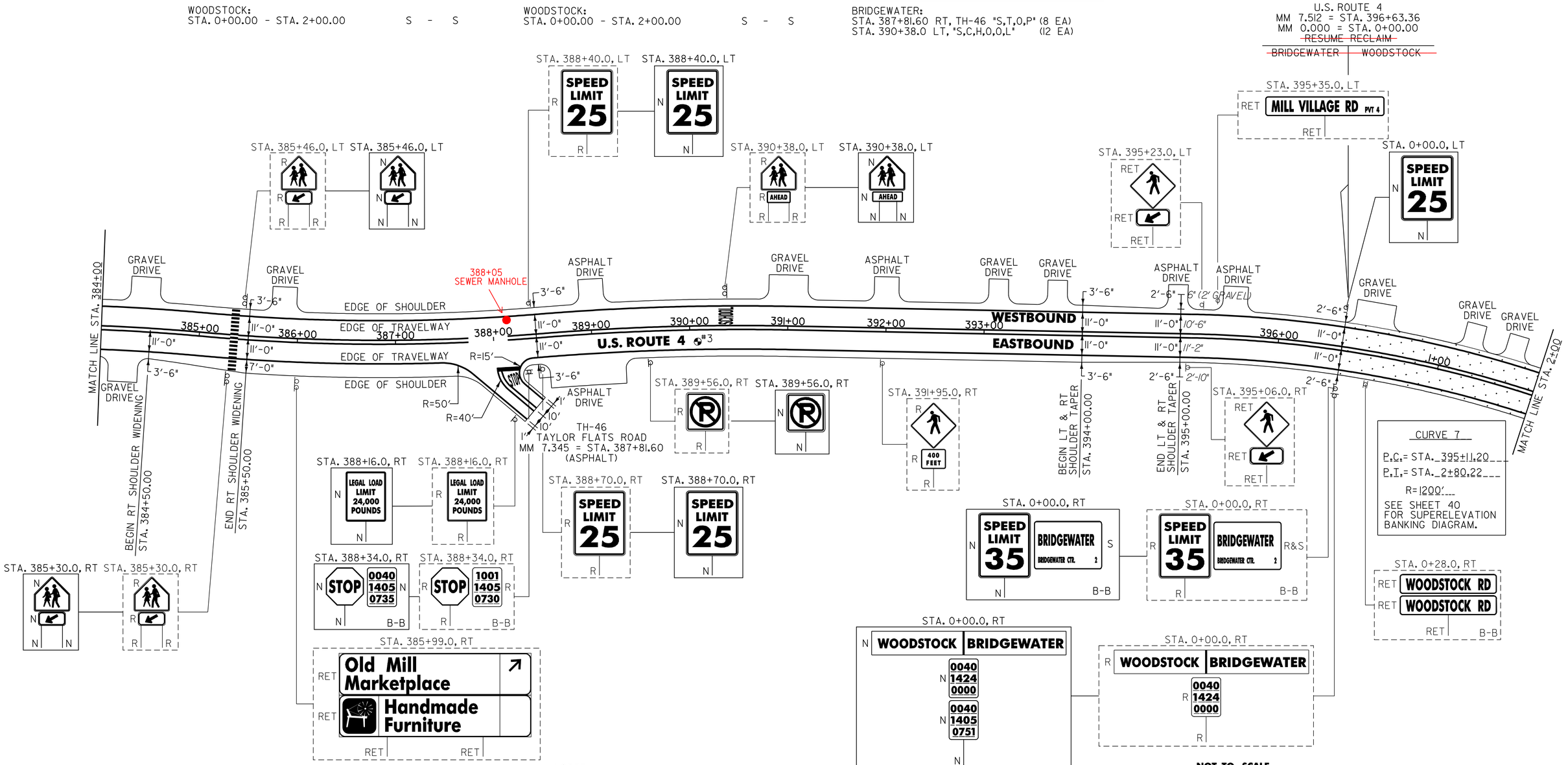
BRIDGEWATER:
STA. 385+40.0, LT/RT

675.50 REMOVING SIGNS

AS SHOWN - 18

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
3	10	NO	

LEGEND

RECLAIMED STABILIZED BASE

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 79 FOR DETAIL OF CROSSWALK MARKINGS.

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b16001.06.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 17 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 2+00.00 - STA. 16+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 2+00.00 - STA. 16+00.00	S	-	S
STA. 4+96.32 MEDIAN EDGE LINE RT, TH-97			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 4+96.32 RT, TH-97

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 4+96.32 RT, TH-97 "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 2+00.00 - STA. 16+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 2+00.00 - STA. 16+00.00	S	-	S
STA. 4+96.32 MEDIAN EDGE LINE RT, TH-97			

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

WOODSTOCK:
STA. 4+96.32 RT, TH-97

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

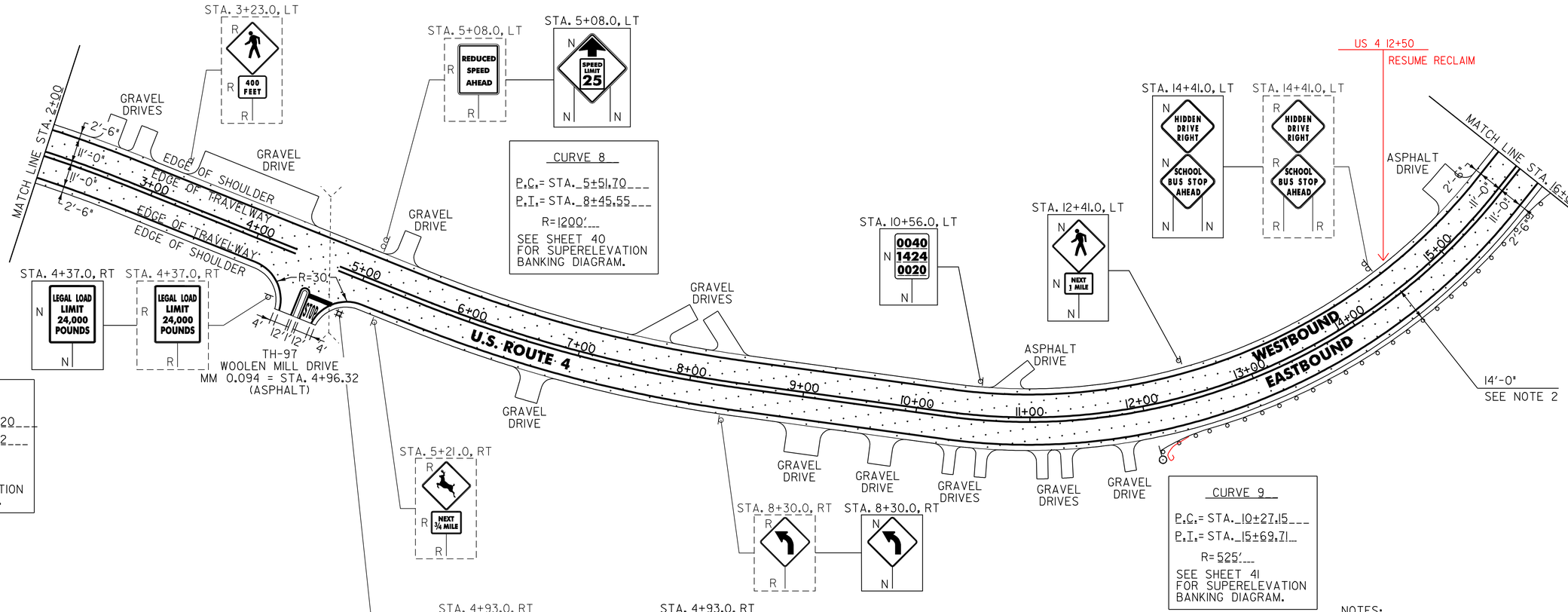
WOODSTOCK:
STA. 4+96.32 RT, TH-97 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS

AS SHOWN - 12

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK:
STA. 12+~~44.5~~ 19.5 - STA. 15+69.5 RT (325.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

WOODSTOCK:
~~STA. 12+07.0 - STA. 12+44.5 RT~~
STA. 15+69.5 - STA. 16+~~00.0~~ 07.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 12+51.0 - STA. 16+~~00.0~~ 07.0 RT (349.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

WOODSTOCK:
STA. 12+07.0 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
12+19.5 RT

LEGEND

RECLAIMED STABILIZED BASE

SIGN LEGEND

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

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: BRIDGEWATER - - WOODSTOCK
PROJECT NUMBER: NH 26II (I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60l07.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 18 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 16+00.00 - STA. 32+00.00 LT & RT

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

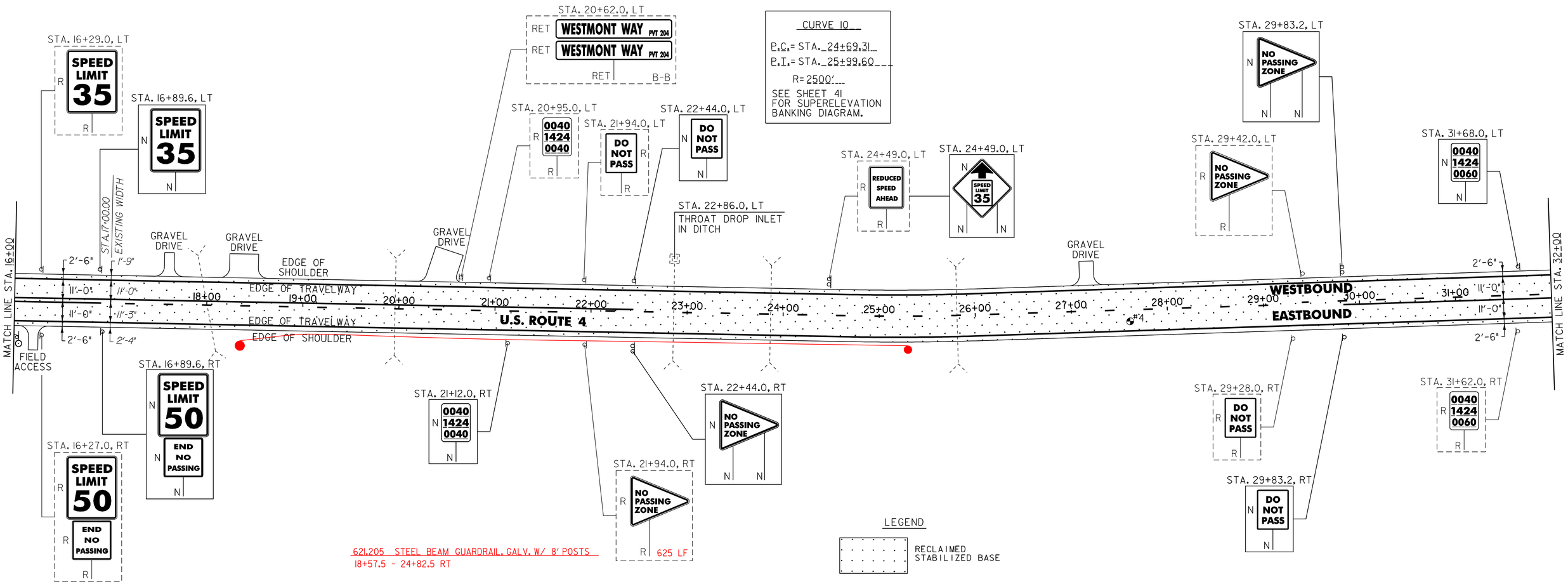
WOODSTOCK:	LT	℄	RT
STA. 16+00.00 - STA. 16+89.60	S	-	S
STA. 16+89.60 - STA. 22+44.00	S	-	D
STA. 22+44.00 - STA. 29+83.20	-	D	-
STA. 29+83.20 - STA. 32+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 16+00.00 - STA. 32+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 16+00.00 - STA. 16+89.60	S	-	S
STA. 16+89.60 - STA. 22+44.00	S	-	D
STA. 22+44.00 - STA. 29+83.20	-	D	-
STA. 29+83.20 - STA. 32+00.00	D	-	S

675.50 REMOVING SIGNS
AS SHOWN - 10



CURVE 10
P.C. = STA. 24+69.31
P.I. = STA. 25+99.60
R = 2500'
SEE SHEET 41 FOR SUPERELEVATION BANKING DIAGRAM.

621.205 STEEL BEAM GUARDRAIL, GALV. W/ 8' POSTS
18+57.5 - 24+82.5 RT
R 625 LF

LEGEND
RECLAIMED STABILIZED BASE

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
STA. 22+86.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 16+00.0 - STA. 16+07.0 RT (7.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 16+07.0 RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
WOODSTOCK:
STA. ~~16+00.0~~ 15+69.5 - STA. 16+07.0 RT

18+20 - 18+57.5 RT
24+82.5 - 25+20 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
4	8	NO	

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

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60l08.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 19 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 32+00.00 - STA. 48+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 32+00.00 - STA. 36+16.80	D	-	S
STA. 36+16.80 - STA. 48+00.00	S	-	S

STA. 44+88.00 DOUBLE SOLID LT, TH-13

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 44+88.00 LT, TH-13

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 44+88.00 LT, TH-13 "S,T,0,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 32+00.00 - STA. 48+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 32+00.00 - STA. 36+16.80	D	-	S
STA. 36+16.80 - STA. 48+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

CURVE 11
P.C.= STA. 34+78.52
P.I.= STA. 45+04.78
R= 1750'
SEE SHEET 41 FOR SUPERELEVATION BANKING DIAGRAM.

MATCH LINE STA. 32+00

STA. 33+70.0, LT
DROP INLET IN DITCH ~~TO BE RETAINED~~ REHAB

GRAVEL DRIVE
GRAVEL DRIVE
2'-6"
11'-0"
11'-0"
2'-6"
EDGE OF SHOULDER
EDGE OF TRAVELWAY
EDGE OF TRAVELWAY
EDGE OF SHOULDER
33+00
34+00
35+00
36+00
37+00
38+00
39+00
40+00
41+00
42+00
43+00
44+00
45+00
U.S. ROUTE 4

STA. 36+16.8, LT
N END NO PASSING N

STA. 36+05.0, LT
R END NO PASSING R

STA. 41+73.0, LT
RET Old Mill Marketplace ← 1 RET
RET Crafts, Antiques Artisans RET
RET Vermont Specialty Foods and Bakery RET

STA. 37+17.0, LT
RET Skaskiw Cabinetry rt on n. bridgewater rd → 1 2/10 RET

STA. 38+43.0, LT
DROP INLET IN DITCH TO BE RETAINED

36+20
NEW 30" CPEP
W/ STONE FILL TYPE I @ EACH END

STA. 44+71.0, LT
S HILLSIDE RD TH 13
S HILLSIDE RD TH 13
N STOP 0040 1424 0085 N
N B-B

STA. 44+71.0, LT
R&S HILLSIDE RD TH 13
R&S HILLSIDE RD TH 13
R STOP R
R B-B

STA. 42+08.0, LT
R 0040 1424 0080 R

STA. 42+24.0, RT
N 0040 1424 0080 N

STA. 43+71.0, RT
N 35 M.P.H. N

STA. 43+71.0, RT
R 35 M.P.H. R

STA. 45+14.0, LT
R LEGAL LOAD LIMIT 24,000 POUNDS R

STA. 45+14.0, LT
N LEGAL LOAD LIMIT 24,000 POUNDS N

STA. 45+90.0, LT
R NEXT ¾ MILE R

STA. 47+07.0, LT
DROP INLET IN DITCH TO BE RETAINED

TH-13
HILLSIDE ROAD
MM 0.850 = STA. 44+88.00
(GRAVEL)

STA. 44+50.0, LT
THROAT DROP INLET IN DITCH

3'
12'
12'
3'
R=30'
45+00
46+00
47+00
WESTBOUND
EASTBOUND
1'-10"
11'-9"
10'-9"
11'-9"
3'-0"
11'-0"
2'-6"
14'-0"
SEE NOTE 3
2'-6"

MATCH LINE STA. 48+00

STA. 45+38.00
EXISTING WIDTH

GRAVEL PULLOUT
SEE NOTE 2

CURVE 12
P.C.= STA. 47+83.06
P.I.= STA. 54+09.31
R= 700'
SEE SHEET 41 FOR SUPERELEVATION BANKING DIAGRAM.

LEGEND
RECLAIMED STABILIZED BASE

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
STA. 44+50.0 LT 33+70 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
WOODSTOCK:
STA. ~~45+20.5~~ 43+17 - STA. 48+00.0 RT (~~279.5~~ 483 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
WOODSTOCK:
STA. ~~44+83.0~~ 42+79.5 - STA. ~~45+20.5~~ 43+17 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 44+83.0 - STA. 48+00.0 RT (317.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 44+83.0 RT

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

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
3. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #9

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60l09.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 20 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 48+00.00 - STA. 64+00.00 LT & RT

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

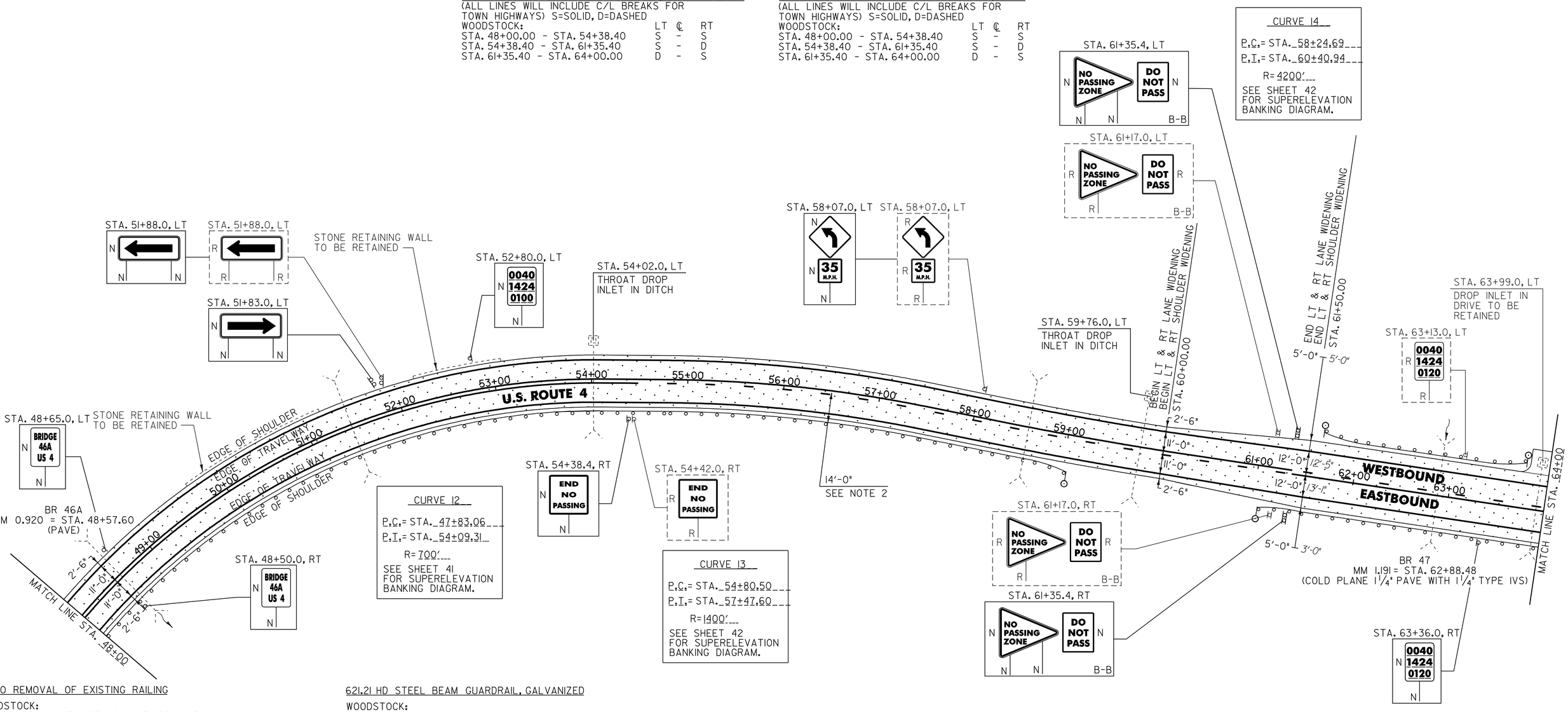
WOODSTOCK:	LT	℄	RT
STA. 48+00.00 - STA. 54+38.40	S	-	S
STA. 54+38.40 - STA. 61+35.40	S	-	D
STA. 61+35.40 - STA. 64+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 48+00.00 - STA. 64+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 48+00.00 - STA. 54+38.40	S	-	S
STA. 54+38.40 - STA. 61+35.40	S	-	D
STA. 61+35.40 - STA. 64+00.00	D	-	S

675.50 REMOVING SIGNS
AS SHOWN - 9



525.10 REMOVAL OF EXISTING RAILING

WOODSTOCK:
STA. 62+75.8 - STA. 63+00.8 LT (25.0 LF)
STA. 62+77.8 - STA. 63+02.8 RT (25.0 LF)

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

WOODSTOCK:
STA. 54+02.0 LT
STA. 59+76.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK:
STA. 48+00.0 - STA. 49+~~95.5~~ 92.0 RT (~~195.5 LF~~) 192
STA. 6I+40.3 - STA. 62+52.8 RT (112.5 LF)
~~STA. 62+00.8 - STA. 62+50.8 LT (50.0 LF)~~
~~STA. 63+25.8 - STA. 63+38.3 LT (12.5 LF)~~
STA. 63+27.8 - STA. 64+00.0 RT (72.2 LF)

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

WOODSTOCK:
STA. 49+~~95.5~~ 92.0 - STA. 58+~~62.5~~ 54.5 RT (~~867.0~~ 862.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK:
STA. 62+50.8 - STA. 62+75.8 LT (32.5 LF)
STA. 62+52.8 - STA. 62+77.8 RT (32.5 LF)
STA. 63+00.8 - STA. 63+25.8 LT (32.5 LF)
STA. 63+02.8 - STA. 63+27.8 RT (32.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

WOODSTOCK: ~~54.5~~ 58+92
STA. 58+~~62.5~~ - STA. ~~59+00.0~~ RT
STA. 6I+02.8 - STA. 6I+40.3 RT
STA. 6I+63.3 - STA. 62+00.8 LT 62+13.3 - 62+50.0
STA. 63+~~38.3~~ 25.8 - STA. 63+~~75.8~~ 63.3 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 48+00.0 - STA. 57+88.0 RT (988 LF)
STA. 62+00.0 - STA. 62+52.8 RT (52.8 LF)
STA. 62+40.0 - STA. 62+75.8 LT (35.8 LF)
STA. 63+00.8 - STA. 63+33.0 LT (32.2 LF)
STA. 63+02.8 - STA. 64+00.0 RT (91.2 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

WOODSTOCK:
STA. 59+00.0 RT
STA. 6I+02.8 RT
STA. 6I+63.3 LT
STA. 63+75.8 LT

525.60 BRIDGE RAILING REPAIR, TYPE III

WOODSTOCK:
STA. 62+75.8 - STA. 63+00.8 LT (25.0 LF)
STA. 62+77.8 - STA. 63+02.8 RT (25.0 LF)

LEGEND

RECLAIMED STABILIZED BASE

SIGN LEGEND

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

NOTES:

1. SEE SHEET 77 FOR BRIDGE 47 DETAILS.
2. THE CONTRACTOR SHALL MAXIMIZE THE CLEAR ROADSIDE AREA BY INSTALLING THE PROPOSED GUARDRAIL A MINIMUM OF 14 FT FROM THE CENTERLINE OF U.S. ROUTE 4 OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY REQUIRED EXCAVATION OR THE PLACEMENT OF AGGREGATE SHOULDER MATERIAL FOR ADDITIONAL BACKUP WILL BE COMPLETED AND PAID FOR UNDER THE APPLICABLE ITEM(S) AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60II0.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 21 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 64+00.00 - STA. 80+00.00 LT & RT

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

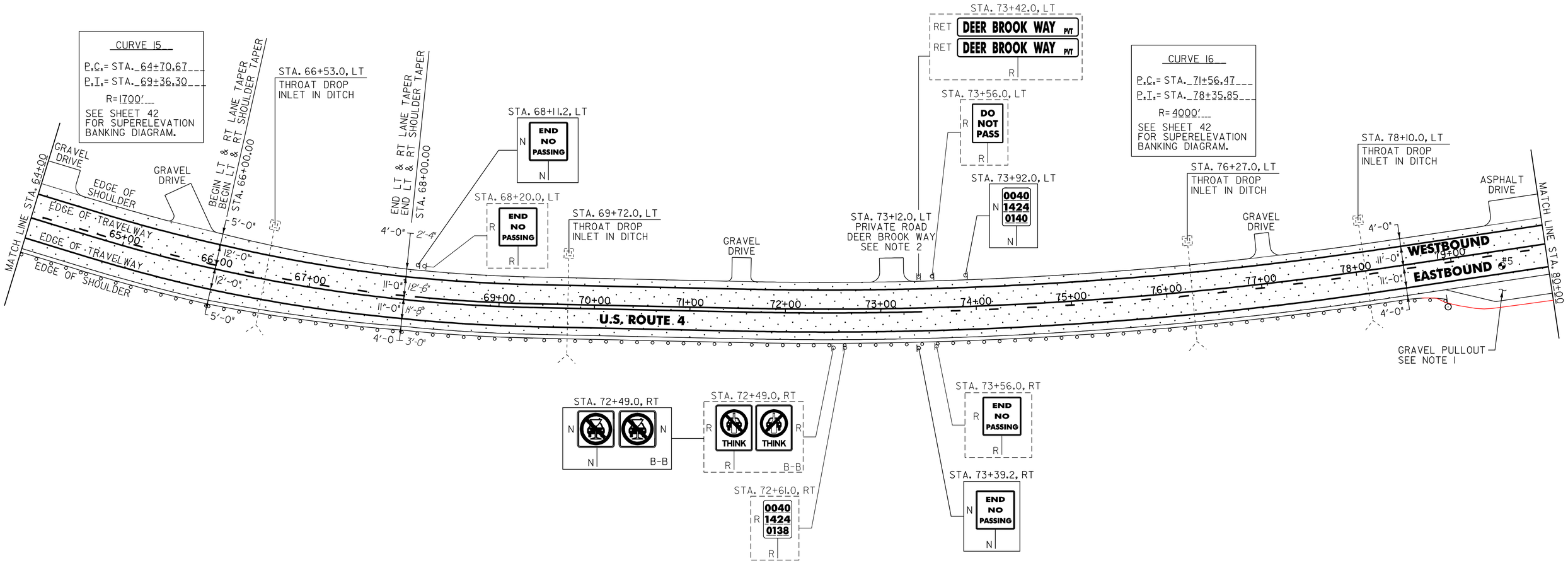
WOODSTOCK:	LT	℄	RT
STA. 64+00.00 - STA. 68+11.20	D	-	S
STA. 68+11.20 - STA. 73+39.20	S	-	S
STA. 73+39.20 - STA. 80+00.00	S	-	D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 64+00.00 - STA. 80+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 64+00.00 - STA. 68+11.20	D	-	S
STA. 68+11.20 - STA. 73+39.20	S	-	S
STA. 73+39.20 - STA. 80+00.00	S	-	D

675.50 REMOVING SIGNS
AS SHOWN - 6



621.205 STEEL BEAM GUARDRAIL, GALV. W/ 8' POSTS
74+15.3 - 80+00 - (586.5)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
STA. 66+53.0 LT
STA. 69+72.0 LT
STA. 76+27.0 LT
STA. 78+10.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
WOODSTOCK: 74+15.3
STA. 64+00.0 - STA. ~~78+52.8~~ RT ~~(1452.8~~ LF) (1015.3)

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~WOODSTOCK:~~
~~STA. 78+52.8 - STA. 78+90.3 RT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 64+00.0 - STA. 78+86.0 RT (1486.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 78+90.3 RT

LEGEND
RECLAIMED STABILIZED BASE

PAVEMENT CORES = ◕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
5	9¾	NO	

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

NOT TO SCALE

NOTES:
1. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
2. PROVIDE A 15 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING PRIVATE ROAD. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

PROJECT LAYOUT SHEET #11

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60III.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 22 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 80+00.00 - STA. 96+00.00 LT & RT

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

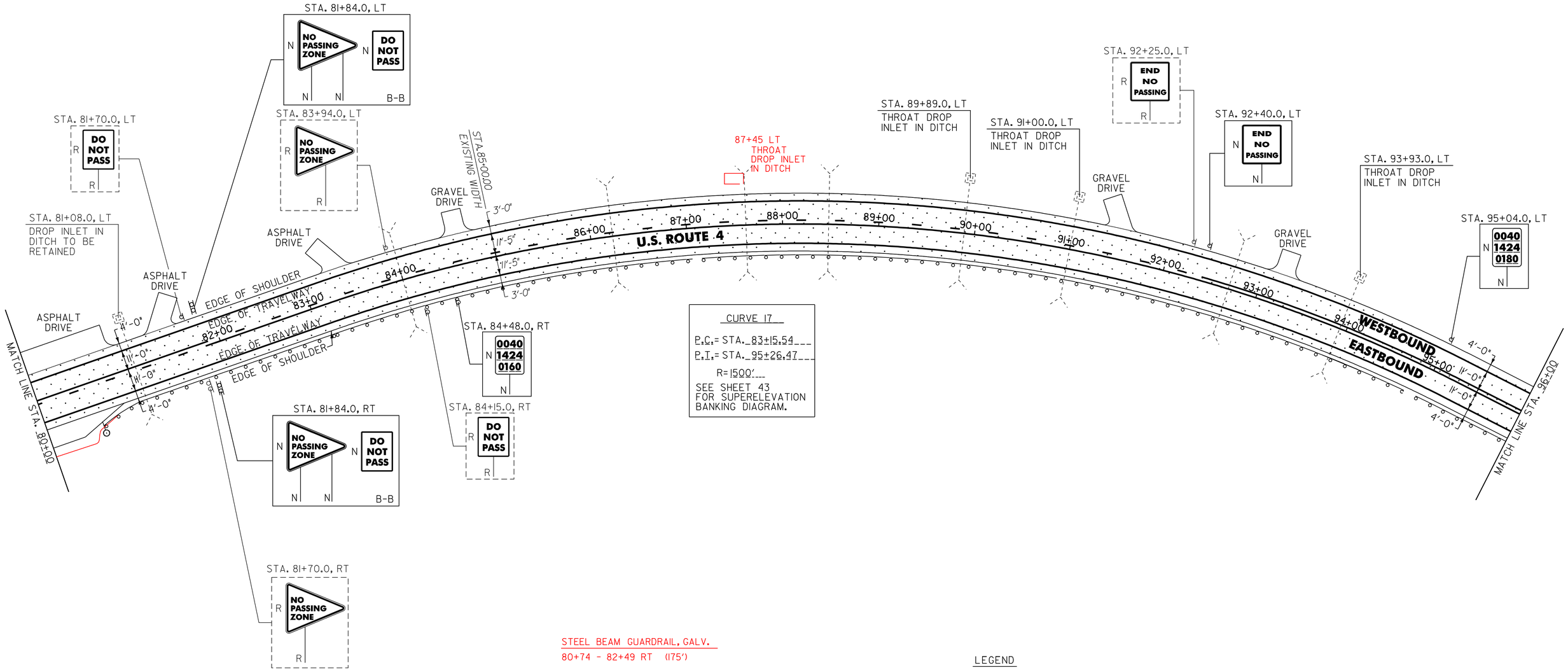
WOODSTOCK:	LT	℄	RT
STA. 80+00.00 - STA. 81+84.00	S	-	D
STA. 81+84.00 - STA. 92+40.00	D	-	S
STA. 92+40.00 - STA. 96+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 80+00.00 - STA. 96+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 80+00.00 - STA. 81+84.00	S	-	D
STA. 81+84.00 - STA. 92+40.00	D	-	S
STA. 92+40.00 - STA. 96+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 5



CURVE 17

P.C.= STA. 83+15.54
P.I.= STA. 95+26.47
R= 1500'

SEE SHEET 43 FOR SUPERELEVATION BANKING DIAGRAM.

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

WOODSTOCK:
STA. 89+89.0 LT
STA. 91+00.0 LT
STA. 93+93.0 LT
87+45 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

WOODSTOCK:
STA. ~~81+24.0~~ 82+49 - STA. 96+00.0 RT (~~1476.0~~ 1351 LF)

80+00 - 80+74 RT (76.0 LF)

STEEL BEAM GUARDRAIL, GALV.
80+74 - 82+49 RT (175')

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~

~~WOODSTOCK:~~
~~STA. 80+86.5 - STA. 81+24.0 RT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 80+87.0 - STA. 96+00.0 RT (1513.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

WOODSTOCK:
STA. 80+86.5 RT

LEGEND

RECLAIMED STABILIZED BASE

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60ii2.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 23 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 96+00.00 - STA. 112+00.00 LT & RT

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

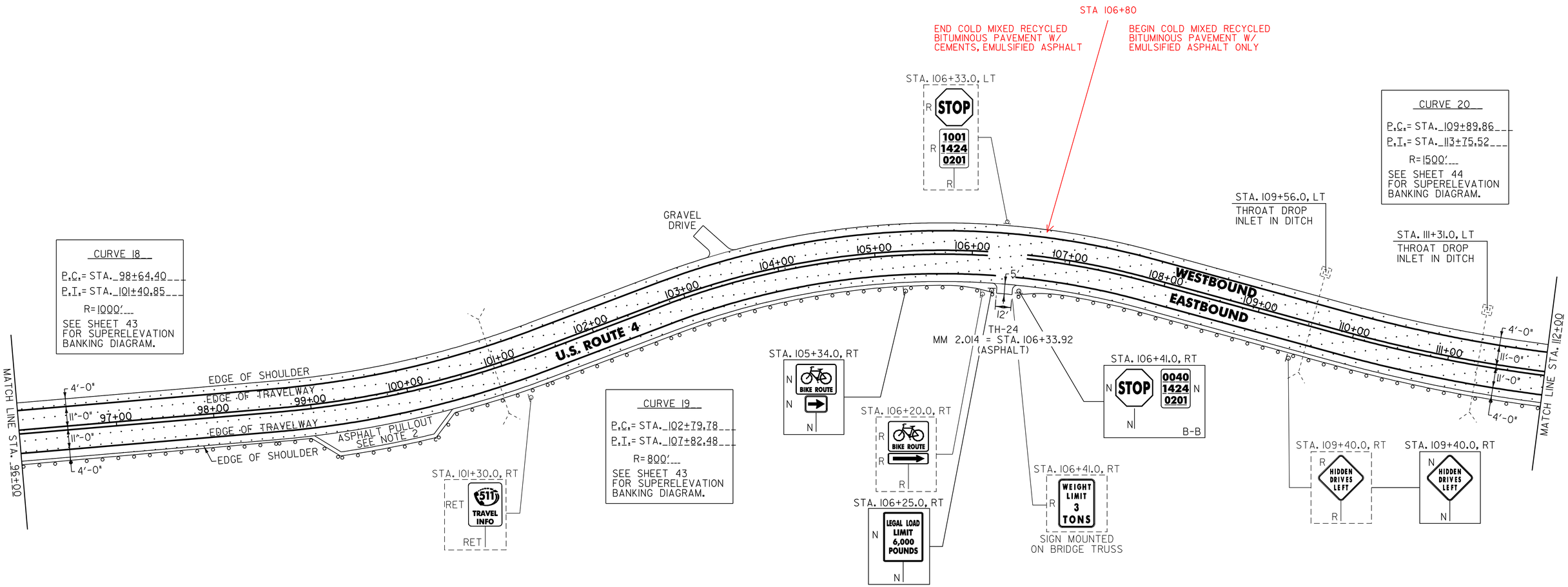
WOODSTOCK:	LT	℄	RT
STA. 96+00.00 - STA. 112+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 96+00.00 - STA. 112+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 96+00.00 - STA. 112+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 6



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

WOODSTOCK:
STA. 109+56.0 LT
STA. 111+31.0 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

WOODSTOCK:	106+24	1024
STA. 96+00.0 - STA. ~~105+74.0~~	RT	(~~974.0~~ LF)
STA. 106+~~92.0~~ 79.5 - STA. 112+00.0	RT	(~~508.0~~ LF) 520.5

621.51 MANUFACTURED TERMINAL SECTION, ~~TANGENT~~ (FLARED)

WOODSTOCK:
~~STA. 105+74.0 - STA. 106+24.0 RT~~
STA. 106+42.0 - STA. 106+~~92.0~~ 79.5 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
106+24 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 96+00.0 - STA. 106+24.0 RT (1024.0 LF)
STA. 106+42.0 - STA. 112+00.0 RT (558.0 LF)

LEGEND

RECLAIMED STABILIZED BASE

SIGN LEGEND

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

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING ASPHALT PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

PROJECT LAYOUT SHEET #13

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60II3.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 24 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 112+00.00 - STA. 128+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 112+00.00 - STA. 128+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 112+00.00 - STA. 128+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 112+00.00 - STA. 128+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 6

CURVE 20
P.C.= STA. 109+89.86
P.I.= STA. 113+75.52
R= 1500'
SEE SHEET 44 FOR SUPERELEVATION BANKING DIAGRAM.

113+50 NEW 24" CPEP W/ STONE FILL, TYPE I @ EACH END

STA. 116+25.0, LT
RET DOE HILL WAY PVT 202
RET DOE HILL WAY PVT 202
RET B-B

STA. 116+08.0, LT
PRIVATE ROAD
DOE HILL WAY
SEE NOTE 1

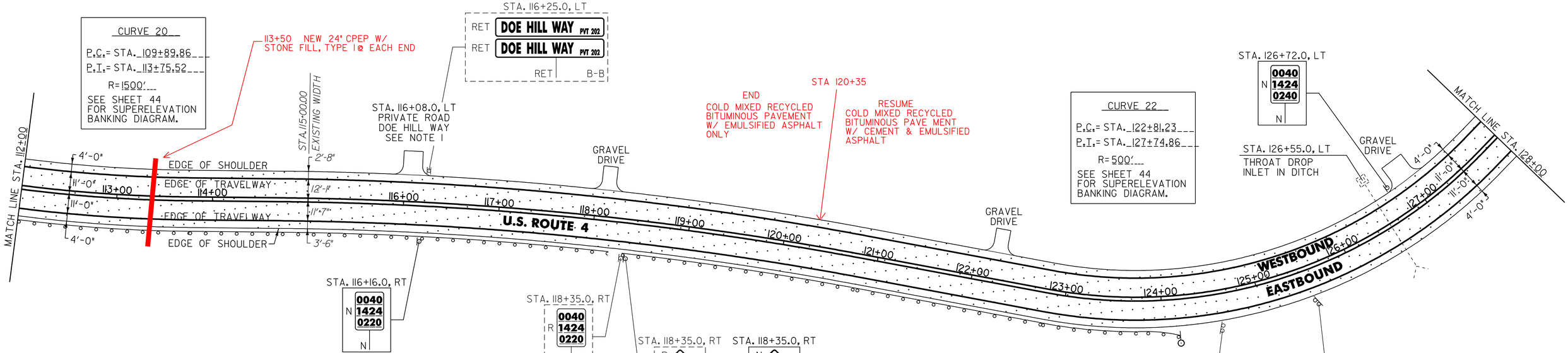
STA. 115+00.00 EXISTING WIDTH

STA 120+35
END
COLD MIXED RECYCLED BITUMINOUS PAVEMENT W/ EMULSIFIED ASPHALT ONLY
RESUME
COLD MIXED RECYCLED BITUMINOUS PAVE MENT W/ CEMENT & EMULSIFIED ASPHALT

CURVE 22
P.C.= STA. 122+81.23
P.I.= STA. 127+74.86
R= 500'
SEE SHEET 44 FOR SUPERELEVATION BANKING DIAGRAM.

STA. 126+72.0, LT
N 0040 1424 0240 N

STA. 126+55.0, LT
THROAT DROP INLET IN DITCH



STA. 116+16.0, RT
N 0040 1424 0220 N

STA. 118+35.0, RT
R 0040 1424 0220 R

STA. 118+35.0, RT
R 35 M.P.H. R

STA. 118+35.0, RT
N 35 M.P.H. N

STA. 124+59.0, RT
N N N

STA. 124+59.0, RT
R R R

STA. 125+53.0, RT
R 0040 1424 0237 R R

STA. 125+53.0, RT
N N N

CURVE 21
P.C.= STA. 114+72.26
P.I.= STA. 120+83.50
R= 3500'
SEE SHEET 44 FOR SUPERELEVATION BANKING DIAGRAM.

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
STA. 126+55.0 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
WOODSTOCK:
STA. 112+00.0 - STA. ~~123+79.5~~ 124+17 RT (1179.5 LF) (1217)

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~ ANCHOR FOR STEEL BEAM GUARDRAIL
WOODSTOCK:
~~STA. 123+79.5~~ - STA. 124+17.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 112+00.0 - STA. 124+17.0 RT (1217.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 124+17.0 RT

LEGEND
RECLAIMED STABILIZED BASE

NOTES:
1. PROVIDE A 15 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING PRIVATE ROAD. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #14

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60ll4.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 25 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 128+00.00 - STA. 144+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 128+00.00 - STA. 144+00.00	S	-	S
STA. 142+03.20 DOUBLE SOLID LT, TH-28			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 142+03.20 LT, TH-28

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 142+03.20 LT, TH-28 "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 128+00.00 - STA. 144+00.00 LT & RT

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

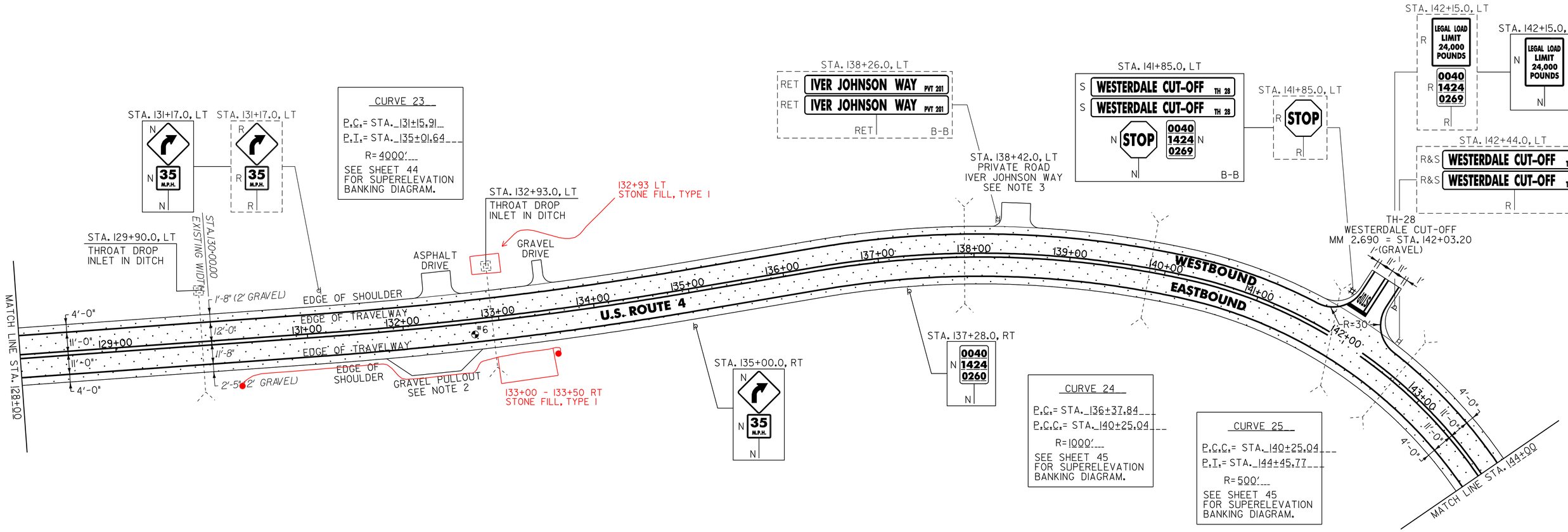
WOODSTOCK:	LT	℄	RT
STA. 128+00.00 - STA. 144+00.00	S	-	S

675.50 REMOVING SIGNS

AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
3. PROVIDE A 15 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING PRIVATE ROAD. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

STEEL BEAM GUARDRAIL, GALV. W/ 8' POSTS
130+04.5 - 133+39.5 RT (337.5')

MANUFACTURED TERMINAL SECTION, FLARED
129+67 - 130+04.5 RT
133+39.5 - 133+77 RT

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

WOODSTOCK:
STA. 129+90.0 LT
STA. 132+93.0 LT

LEGEND

RECLAIMED STABILIZED BASE

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
6	10½	NO	

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b1601.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b1601l5.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 26 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 144+00.00 - STA. 160+00.00 LT & RT

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

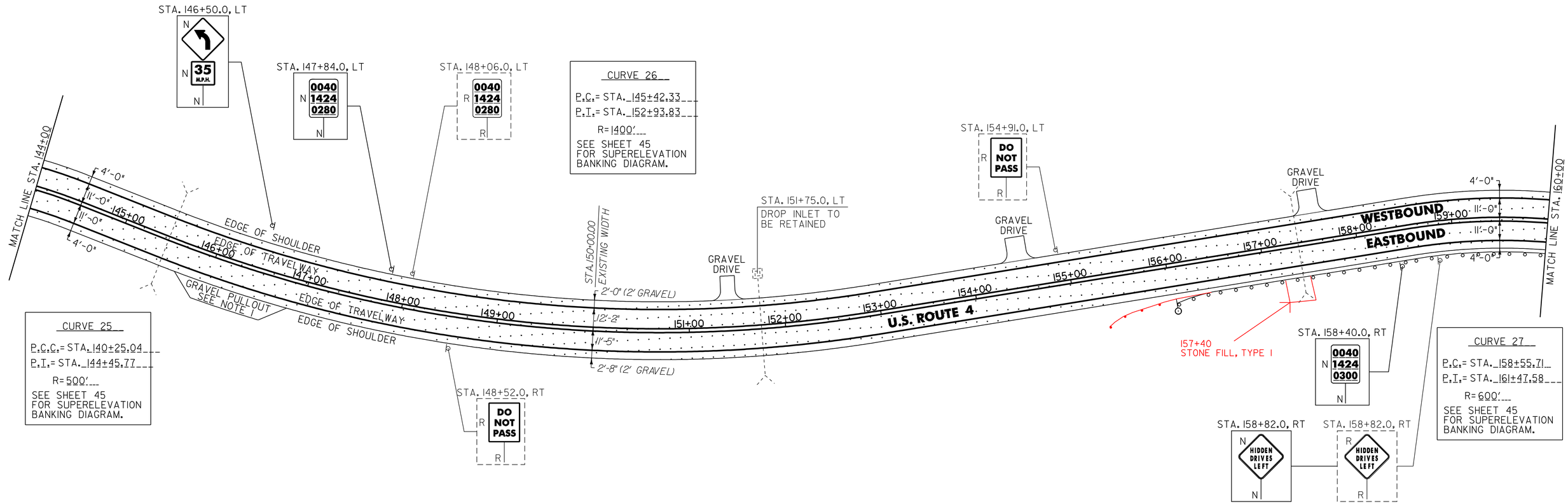
WOODSTOCK:	LT	℄	RT
STA. 144+00.00 - STA. 160+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 144+00.00 - STA. 160+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 144+00.00 - STA. 160+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 4



621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
WOODSTOCK:
STA. 156+42.0 - STA. 160+00.0 RT (~~358.0~~ LF) 445.5
155+54.5

621.50 MANUFACTURED TERMINAL SECTION, FLARED
WOODSTOCK:
STA. ~~156+04.5~~ 155+17 - STA. ~~156+42.0~~ 155+54.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 156+52.0 - STA. 160+00.0 RT (348.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 156+04.5 RT

LEGEND
RECLAIMED STABILIZED BASE

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

NOTE:
1. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60ll6.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 27 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 160+00.00 - STA. 176+00.00 LT & RT
STA. 164+20.00 - STA. 165+80.00 SOLID LINE LT
STA. 165+80.00 - STA. 167+50.00 DOTTED LINE LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 160+00.00 - STA. 161+25.00 DOUBLE SOLID C/L
STA. 161+25.00 - STA. 164+00.00 DOUBLE SOLID MEDIAN C/L
STA. 164+20.80 DOUBLE SOLID RT, TH-35
STA. 164+40.00 - STA. 165+80.00 DOUBLE SOLID RT
STA. 165+80.00 - STA. 171+00.00 DOUBLE SOLID MEDIAN LT/RT
STA. 171+00.00 - STA. 176+00.00 DOUBLE SOLID C/L
STA. 172+07.52 DOUBLE SOLID LT, TH-28

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
WOODSTOCK:
STA. 161+25.00 - STA. 164+00.00 HATCHED MEDIAN C/L
STA. 165+80.00 - STA. 171+00.00 HATCHED MEDIAN C/L

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 160+00.00 - STA. 176+00.00 LT & RT
STA. 164+20.00 - STA. 165+80.00 SOLID LINE LT
STA. 165+80.00 - STA. 167+50.00 DOTTED LINE LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 160+00.00 - STA. 161+25.00 DOUBLE SOLID C/L
STA. 161+25.00 - STA. 164+00.00 DOUBLE SOLID MEDIAN C/L
STA. 164+20.80 DOUBLE SOLID RT, TH-35
STA. 164+40.00 - STA. 165+80.00 DOUBLE SOLID RT
STA. 165+80.00 - STA. 171+00.00 DOUBLE SOLID MEDIAN LT/RT
STA. 171+00.00 - STA. 176+00.00 DOUBLE SOLID C/L
STA. 172+07.52 DOUBLE SOLID LT, TH-28

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
WOODSTOCK:
STA. 164+20.80 RT, TH-35
STA. 172+07.52 LT, TH-28

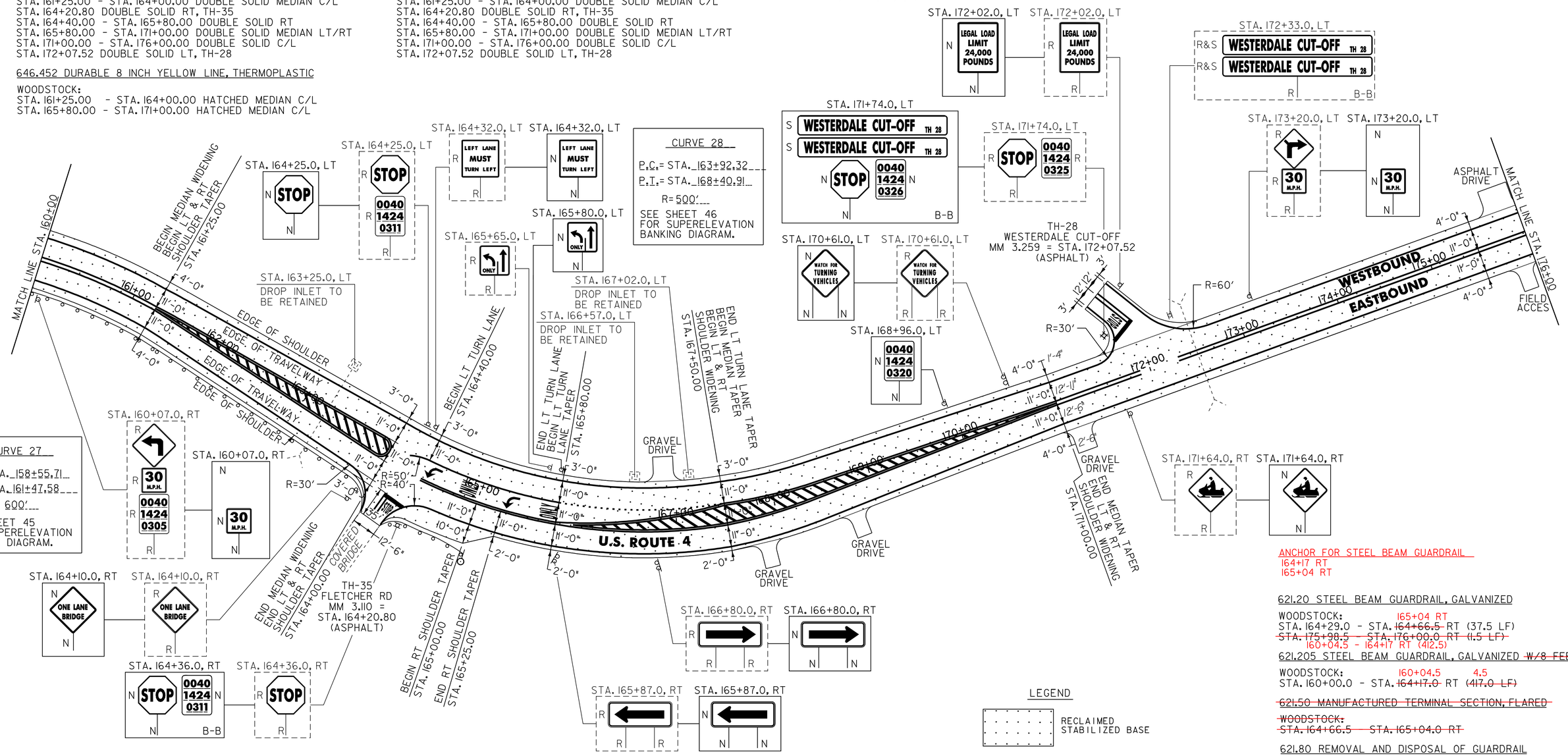
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
WOODSTOCK:
STA. 164+20.80 RT, TH-35, "S,T,O,P" (4 EA)
STA. 164+44.3 C/L, ARROW (1 EA)
STA. 164+88.2 C/L, "O,N,L,Y" (4 EA)
STA. 165+32.1 C/L, ARROW (1 EA)
STA. 165+75.9 C/L, "O,N,L,Y" (4 EA)
STA. 172+07.52 LT, TH-28, "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
WOODSTOCK:
STA. 164+20.80 RT, TH-35
STA. 172+07.52 LT, TH-28

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
WOODSTOCK:
STA. 164+20.80 RT, TH-35, "S,T,O,P" (8 EA)
STA. 164+44.3 C/L, ARROW (2 EA)
STA. 165+32.1 C/L, ARROW (2 EA)
STA. 172+07.52 LT, TH-28, "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 20

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



ANCHOR FOR STEEL BEAM GUARDRAIL
164+17 RT
165+04 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
WOODSTOCK: 165+04 RT
STA. 164+29.0 - STA. ~~164+66.5~~ RT (37.5 LF)
~~STA. 175+98.5 - STA. 176+00.0 RT (1.5 LF)~~
~~160+04.5 - 164+17 RT (412.5)~~

621.205 STEEL BEAM GUARDRAIL, GALVANIZED ~~W/8 FEET POSTS~~
WOODSTOCK: 160+04.5 4.5
STA. 160+00.0 - STA. ~~164+17.0~~ RT ~~(417.0 LF)~~

~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~WOODSTOCK:~~
~~STA. 164+66.5 STA. 165+04.0 RT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 160+00.0 - STA. 164+17.0 RT (417.0 LF)
STA. 164+29.0 - STA. 164+65.0 RT (36.0 LF)

LEGEND
RECLAIMED STABILIZED BASE

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 165+04.0 RT

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

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #17

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60II7.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 28 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 176+00.00 - STA. 192+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 176+00.00 - STA. 192+00.00	S	-	S

STA. 178+93.92 DOUBLE SOLID LT, TH-17

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 178+93.92 LT, TH-17

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 178+93.92 LT, TH-17 "S,T,O,P" (4 EA)

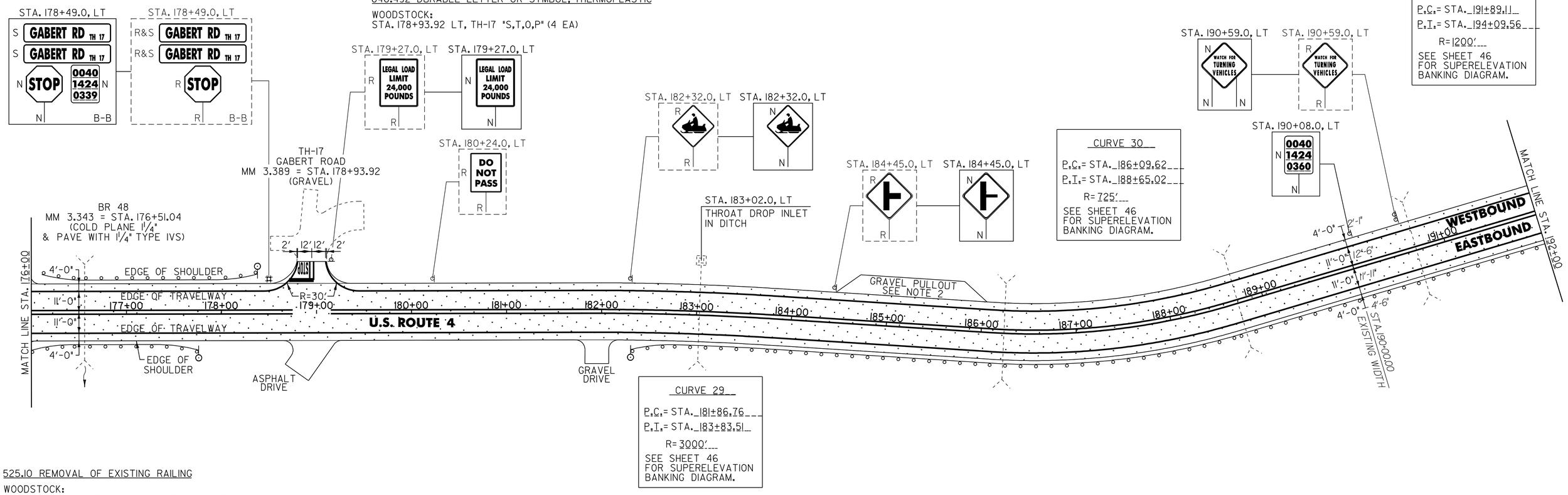
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 176+00.00 - STA. 192+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 176+00.00 - STA. 192+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 8

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



CURVE 31
P.C.= STA. 191+89.11
P.I.= STA. 194+09.56
R=1200'
SEE SHEET 46 FOR SUPERELEVATION BANKING DIAGRAM.

CURVE 30
P.C.= STA. 186+09.62
P.I.= STA. 188+65.02
R= 725'
SEE SHEET 46 FOR SUPERELEVATION BANKING DIAGRAM.

CURVE 29
P.C.= STA. 181+86.76
P.I.= STA. 183+83.51
R= 3000'
SEE SHEET 46 FOR SUPERELEVATION BANKING DIAGRAM.

525.10 REMOVAL OF EXISTING RAILING

WOODSTOCK:
STA. 176+38.0 - STA. 176+63.0 LT (25.0 LF)
STA. 176+38.0 - STA. 176+63.0 RT (25.0 LF)

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

BRIDGEWATER:
STA. 183+02.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK:
STA. 176+00.0 - STA. 176+13.0 RT ~~(13.0~~ 12.5 LF)
~~STA. 176+88.0 - STA. 178+00.5 LT (112.5 LF)~~
~~STA. 176+88.0 - STA. 177+38.0 RT (50.0 LF)~~

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

WOODSTOCK:
STA. 182+68.5 - STA. 192+00.0 RT (931.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK:
STA. 176+11.0 - STA. 176+38.0 LT (32.0 LF)
STA. 176+13.0 - STA. 176+38.0 RT (32.5 LF)
STA. 176+63.0 - STA. 176+88.0 LT (32.5 LF)
STA. 176+63.0 - STA. 176+88.0 RT (32.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

WOODSTOCK: ~~176+88~~ 25.5
STA. ~~177+38.0~~ - STA. 177+~~75.5~~ RT
STA. ~~178+00.5~~ - STA. ~~178+38.0~~ LT 177+25.5
STA. 182+31.0 - STA. 182+68.5 RT
~~176+88~~

621.60 ANCHOR FOR STEEL BEAM RAIL

WOODSTOCK:
STA. 176+08.0 RT
STA. 176+20.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 176+10.0 - STA. 176+38.0 LT (28.0 LF)
STA. 176+10.0 - STA. 176+38.0 RT (28.0 LF)
STA. 176+63.0 - STA. 176+87.0 LT (24.0 LF)
STA. 176+63.0 - STA. 176+87.0 RT (24.0 LF)
STA. 182+31.0 - STA. 192+00.0 RT (969.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

WOODSTOCK:
STA. 177+75.5 RT
STA. 178+38.0 LT
STA. 182+31.0 RT

525.60 BRIDGE RAILING REPAIR, TYPE III

WOODSTOCK:
STA. 176+38.0 - STA. 176+63.0 LT (25.0 LF)
STA. 176+38.0 - STA. 176+63.0 RT (25.0 LF)

LEGEND

RECLAIMED STABILIZED BASE

SIGN LEGEND

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

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PROVIDE A 5 FT WIDE, 1 3/4" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
3. SEE SHEET 78 FOR BRIDGE 48 DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #18

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II (I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60II8.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 29 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 192+00.00 - STA. 208+00.00 LT & RT

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

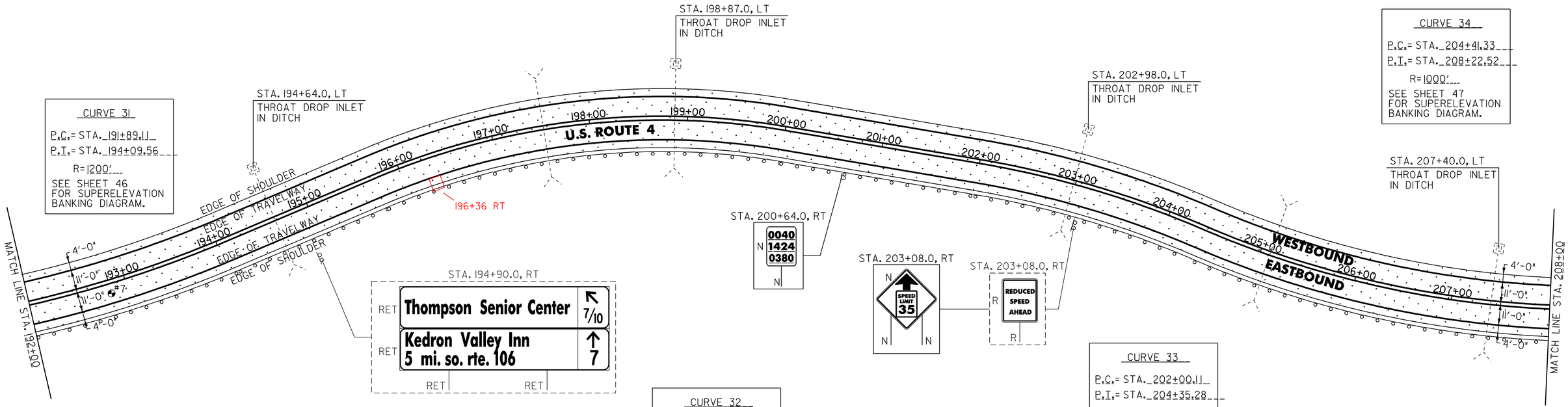
WOODSTOCK:	LT	℄	RT
STA. 192+00.00 - STA. 208+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 192+00.00 - STA. 208+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 192+00.00 - STA. 208+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



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

WOODSTOCK:
STA. 194+64.0 LT 196+36 RT
STA. 198+87.0 LT
STA. 202+98.0 LT
STA. 207+40.0 LT

~~621.20 STEEL BEAM GUARDRAIL, GALVANIZED~~

~~WOODSTOCK:~~
~~STA. 195+06.0 - STA. 201+93.5 RT (687.5 LF)~~

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POST

WOODSTOCK: 207+93.5 (1593.5)
STA. 192+00.0 - STA. ~~195+06.0~~ RT (~~306.0~~ LF)
~~STA. 201+93.5 - STA. 208+00.0 RT (606.5 LF)~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 192+00.0 - STA. 208+00.0 RT (1600.0 LF)

PAVEMENT CORES = ◒

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
7	8	NO	

LEGEND

RECLAIMED STABILIZED BASE

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160(19.1
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 30 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 208+00.00 - STA. 224+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 208+00.00 - STA. 224+00.00	S	-	S
STA. 215+31.84 DOUBLE SOLID LT, TH-29			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 215+31.84 LT, TH-29

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 215+31.84 LT, TH-29 "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 208+00.00 - STA. 224+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 208+00.00 - STA. 224+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

CURVE 34
P.C.= STA. 204+41.33
P.I.= STA. 208+22.52
R= 1000'
SEE SHEET 47 FOR SUPERELEVATION BANKING DIAGRAM.

STA. 210+14.4, LT
N SPEED LIMIT 50 N

STA. 210+28.0, LT
R SPEED LIMIT 50 R
0040 1424 0398
R

STA. 211+20.0, LT
0040 1424 0400
N

STA. 215+30.0, LT
R&S WYMAN LAKE TH 29
R&S WYMAN LAKE TH 29
R LEGAL LOAD LIMIT 24,000 POUNDS R B-B

STA. 215+30.0, LT
N LEGAL LOAD LIMIT 24,000 POUNDS N

STA. 220+90.0, LT
R SPEED LIMIT 35 R
R DO NOT PASS R

STA. 210+00.00 EXISTING WIDTH

TH-29
WYMAN LAKE ROAD
MM 4.078 = STA. 215+31.84
(GRAVEL)

MATCH LINE STA. 208+00

209+00 210+00 211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00

4'-0" 2'-9" 11'-0" 11'-6" 11'-0" 11'-8" 4'-0" 3'-5"

EDGE OF SHOULDER
EDGE OF TRAVELWAY
EDGE OF TRAVELWAY
EDGE OF SHOULDER
U.S. ROUTE 4

1'
10'
10'
1'
R=10'
R=60'

GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
PAVING LIMIT
ASPHALT PARKING
ASPHALT DRIVE

STA. 209+90.0, RT
R SPEED LIMIT 35 R
R DO NOT PASS R

STA. 210+14.4, RT
N SPEED LIMIT 35 N

STA. 211+20.00
END RECLAIMING

STA. 214+92.0, LT
R STOP R

STA. 214+92.0, LT
S WYMAN LAKE TH 29
S WYMAN LAKE TH 29
N STOP N 0040 1424 0408 N
N B-B

GRAVEL DRIVE
4'-0" 11'-0" 11'-0" 4'-0"
WESTBOUND
EASTBOUND
2'-3" 12'-0" 11'-7" 2'-8"
STA. 221+00.00 EXISTING WIDTH
MATCH LINE STA. 224+00

STA. 221+76.0, RT
N 0040 1424 0420 N

LEGEND
RECLAIMED STABILIZED BASE

NOTE:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

~~621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~
~~WOODSTOCK:~~
~~STA. 208+00.0 - STA. 208+93.5 RT (93.5 LF)~~

621.50 MANUFACTURED TERMINAL SECTION, FLARED
WOODSTOCK:
STA. ~~208~~ 207 +93.5 - STA. ~~209~~ 208 +31.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 208+00.0 - STA. 208+30.0 RT (30.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 209+31.0 RT

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: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160120.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 31 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 224+00.00 - STA. 240+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 224+00.00 - STA. 239+50.00	S	-	S
STA. 239+34.24 DOUBLE SOLID LT, TH-30			
STA. 239+50.00 - STA. 240+00.00 DOUBLE SOLID MEDIAN C/L			

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC

WOODSTOCK:
STA. 239+50.00 - STA. 240+00.00 HATCHED MEDIAN C/L

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 239+34.24 LT, TH-30

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 235+20.00 RT "S,C,H,O,O,L" (6 EA)
STA. 239+34.24 LT, TH-30, "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 224+00.00 - STA. 240+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 224+00.00 - STA. 239+50.00	S	-	S
STA. 239+34.24 DOUBLE SOLID LT, TH-30			
STA. 239+50.00 - STA. 240+00.00 DOUBLE SOLID MEDIAN C/L			

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

WOODSTOCK:
STA. 239+34.24 LT, TH-30

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

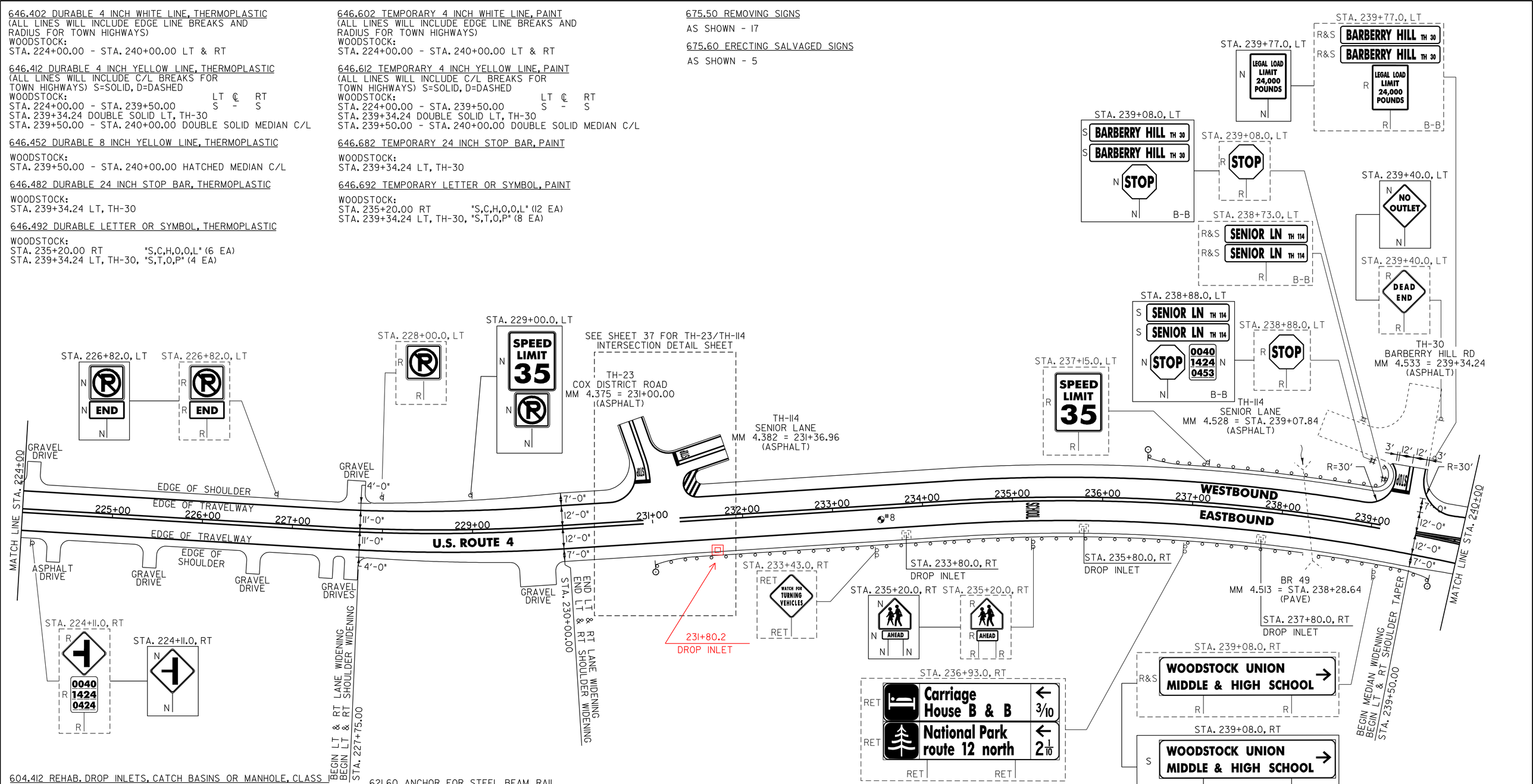
WOODSTOCK:
STA. 235+20.00 RT "S,C,H,O,O,L" (12 EA)
STA. 239+34.24 LT, TH-30, "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS

AS SHOWN - 17

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 5



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS

WOODSTOCK:
STA. 233+80.0 RT
STA. 235+80.0 RT
STA. 237+80.0 RT
231+80 RT } COVERED W/ PLATE AND FILLED W/ FLOWABLE FILL

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

WOODSTOCK: 238+75 737.5
STA. 231+37.5 - STA. ~~239+37.5~~ RT (~~800.0~~ LF)
STA. 236+85.0 - STA. 239+10.0 LT (264.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

WOODSTOCK:
STA. 231+00.0 - STA. 231+37.5 RT
STA. 236+47.5 - STA. 236+85.0 LT
STA. ~~239+37.5~~ - STA. ~~239+75.0~~ RT
238+75 239+12.5

621.60 ANCHOR FOR STEEL BEAM RAIL

WOODSTOCK:
STA. 239+10.0 LT (2)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 231+33.0 - STA. 239+63.0 RT (830.0 LF)
STA. 236+58.0 - STA. 239+10.0 LT (264.5 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

WOODSTOCK:
STA. 231+00.0 RT
STA. 236+47.5 LT
STA. 239+75.0 RT

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 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 = ———

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
8	5¾	NO	

NOT TO SCALE

PROJECT LAYOUT SHEET #21

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160121.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 32 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 240+00.00 - STA. 256+00.00 LT & RT
STA. 242+00.00 - STA. 243+95.00 SOLID LINE LT
STA. 243+95.00 - STA. 244+95.00 DOTTED LINE LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 240+00.00 - STA. 241+80.00 DOUBLE SOLID MEDIAN LT/RT
STA. 241+98.24 DOUBLE SOLID RT, SCHOOL DRIVEWAY
STA. 242+20.00 - STA. 243+95.00 DOUBLE SOLID C/L
STA. 243+95.00 - STA. 247+00.00 DOUBLE SOLID MEDIAN LT/RT
STA. 247+00.00 - STA. 256+00.00 DOUBLE SOLID C/L
STA. 251+27.52 DOUBLE SOLID RT, TH-50

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
WOODSTOCK:
STA. 240+00.00 - STA. 241+80.00 HATCHED MEDIAN C/L
STA. 243+95.00 - STA. 247+00.00 HATCHED MEDIAN C/L

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
WOODSTOCK:
STA. 241+98.24 RT, SCHOOL DRIVEWAY
STA. 251+27.52 RT, TH-50

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
WOODSTOCK:
STA. 241+98.24 RT, SCHOOL DRIVEWAY, "S,T,O,P" (4 EA)
STA. 242+29.3 LT ARROW (1 EA)
STA. 242+69.3 LT "O,N,L,Y" (4 EA)
STA. 243+54.8 LT ARROW (1 EA)
STA. 243+91.0 LT "O,N,L,Y" (4 EA)
STA. 250+14.0 LT "S,C,H,O,O,L" (6 EA)
STA. 251+27.52 RT, TH-50, "S,T,O,P" (4 EA)

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
WOODSTOCK:
STA. 247+82.00 LT/RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 240+00.00 - STA. 256+00.00 LT & RT
STA. 242+00.00 - STA. 243+95.00 SOLID LINE LT
STA. 243+95.00 - STA. 244+95.00 DOTTED LINE LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WOODSTOCK:
STA. 240+00.00 - STA. 241+80.00 DOUBLE SOLID MEDIAN LT/RT
STA. 241+98.24 DOUBLE SOLID RT, SCHOOL DRIVEWAY
STA. 242+20.00 - STA. 243+95.00 DOUBLE SOLID C/L
STA. 243+95.00 - STA. 247+00.00 DOUBLE SOLID MEDIAN LT/RT
STA. 247+00.00 - STA. 256+00.00 DOUBLE SOLID C/L
STA. 251+27.52 DOUBLE SOLID RT, TH-50

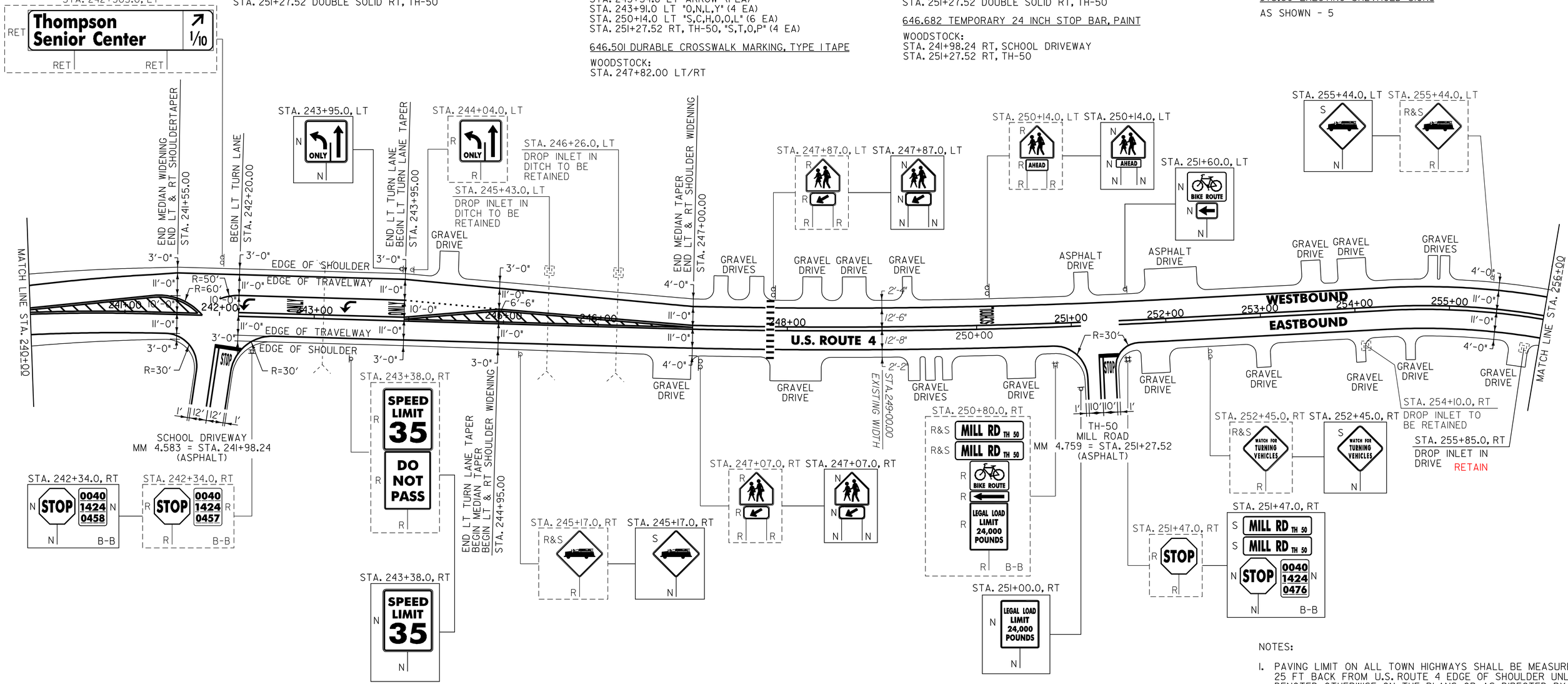
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
WOODSTOCK:
STA. 241+98.24 RT, SCHOOL DRIVEWAY
STA. 251+27.52 RT, TH-50

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
WOODSTOCK:
STA. 241+98.24 RT, SCHOOL DRIVEWAY, "S,T,O,P" (8 EA)
STA. 242+29.3 LT ARROW (2 EA)
STA. 243+54.8 LT ARROW (2 EA)
STA. 250+14.0 LT "S,C,H,O,O,L" (12 EA)
STA. 251+27.52 RT, TH-50, "S,T,O,P" (8 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
WOODSTOCK:
STA. 247+82.00 LT/RT

675.50 REMOVING SIGNS
AS SHOWN - 20

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 5



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 79 FOR DETAIL OF CROSSWALK MARKINGS.

NOT TO SCALE

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

~~604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I~~
~~WOODSTOCK:~~
~~STA. 255+85.0 RT~~

PROJECT LAYOUT SHEET #22

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bI60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bI60I22.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 33 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 256+00.00 - STA. 272+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WOODSTOCK:

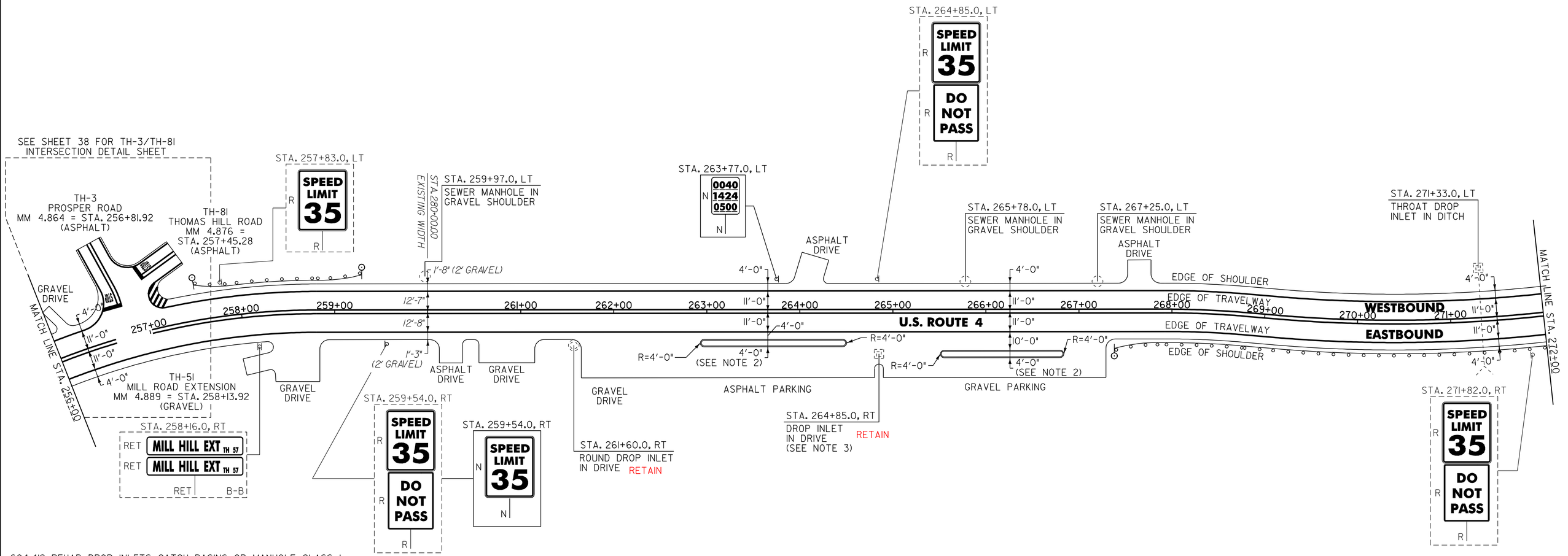
	LT	℄	RT
STA. 256+00.00 - STA. 272+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 256+00.00 - STA. 272+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
WOODSTOCK:

	LT	℄	RT
STA. 256+00.00 - STA. 272+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 7



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
~~STA. 261+60.0 RT~~
~~STA. 264+85.0 RT~~
STA. 271+33.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
WOODSTOCK:
STA. 259+97.0 LT
STA. 265+78.0 LT
STA. 267+25.0 LT

~~616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B~~
~~WOODSTOCK:~~
~~STA. 262+93.0 - STA. 264+94.0 RT (410.0 LF)~~
~~STA. 265+51.0 - STA. 266+79.0 RT (264.0 LF)~~

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
WOODSTOCK:
STA. 262+93.5 - STA. 264+93.5 RT (3.0 TON)
STA. 265+51.5 - STA. 266+78.5 RT (2.0 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
WOODSTOCK:
STA. 257+~~91.5~~ 54 - STA. 258+~~91.5~~ 41.5 LT (100.0 LF)

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
WOODSTOCK: 271+77.5 470
STA. 267+76.0 - STA. ~~272+00.0~~ RT (~~424.0~~ LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
WOODSTOCK:
~~STA. 257+54.0 - STA. 257+91.5 LT~~
~~STA. 258+91.5 - STA. 259+29.0 LT~~
STA. 267+38.5 - STA. 267+76.0 RT
271+77.5 272+15

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 257+54.0 - STA. 258+30.0 LT (76.0 LF)
STA. 267+40.0 - STA. 271+50.0 RT (410.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
WOODSTOCK:
STA. 257+54.0 LT
STA. 259+29.0 LT
STA. 267+38.5 RT

621.51 MANUFACTURED TERMINAL SECTION, TANGENT
258+41.5 - 258+91.5 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
257+54 LT

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

NOTES:
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 79 FOR BITUMINOUS CONCRETE TRAFFIC ISLAND DETAIL.
3. THE CONTRACTOR SHALL GRADE TO DRAIN THE EXISTING DRIVES AND PROVIDE PAVED APRONS FOR THE DRIVES AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #23

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60I23.I
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 272+00.00 - STA. 288+00.00 LT & RT

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

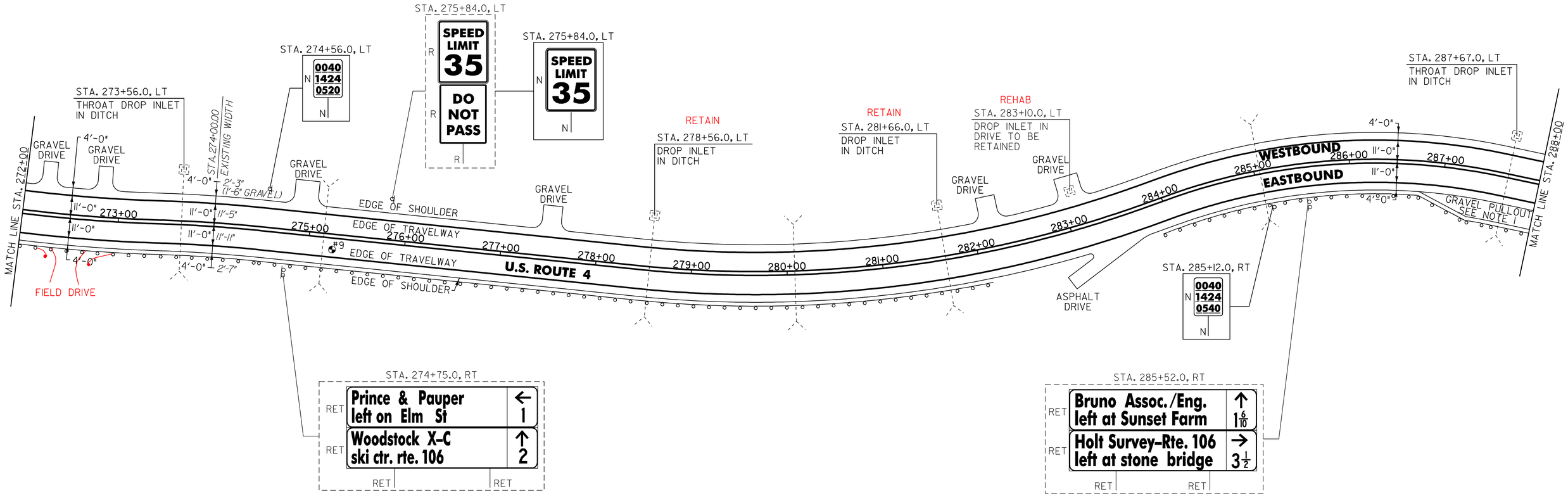
WOODSTOCK:	LT	℄	RT
STA. 272+00.00 - STA. 288+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 272+00.00 - STA. 288+00.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 272+00.00 - STA. 288+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLE, CLASS I
WOODSTOCK:
STA. 273+56.0 LT 283+10 LT
~~STA. 278+56.0 LT~~
~~STA. 281+66.0 LT~~
STA. 287+67.0 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
WOODSTOCK: 273+25.5 825
STA. ~~272+00.0~~ - STA. 281+51.0 RT (~~951.0~~ LF)
STA. 284+43.0 - STA. 288+00.0 RT (357.0 LF)

621.51 MANUFACTURED TERMINAL SECTION, TANGENT
WOODSTOCK:
STA. 281+51.0 - STA. 282+01.0 RT
STA. 283+93.0 - STA. 284+43.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
WOODSTOCK:
STA. 272+91.0 - STA. 282+01.0 RT (910.0 LF)
STA. 283+93.0 - STA. 288+00.0 RT (407.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
271+77.5 - 272+15 RT
272+88 - 273+25.5 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
9	11	NO	

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

NOTE:
1. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

PROJECT LAYOUT SHEET #24

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b16024.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 35 OF 80

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 288+00.00 - STA. 298+32.00 LT & RT

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

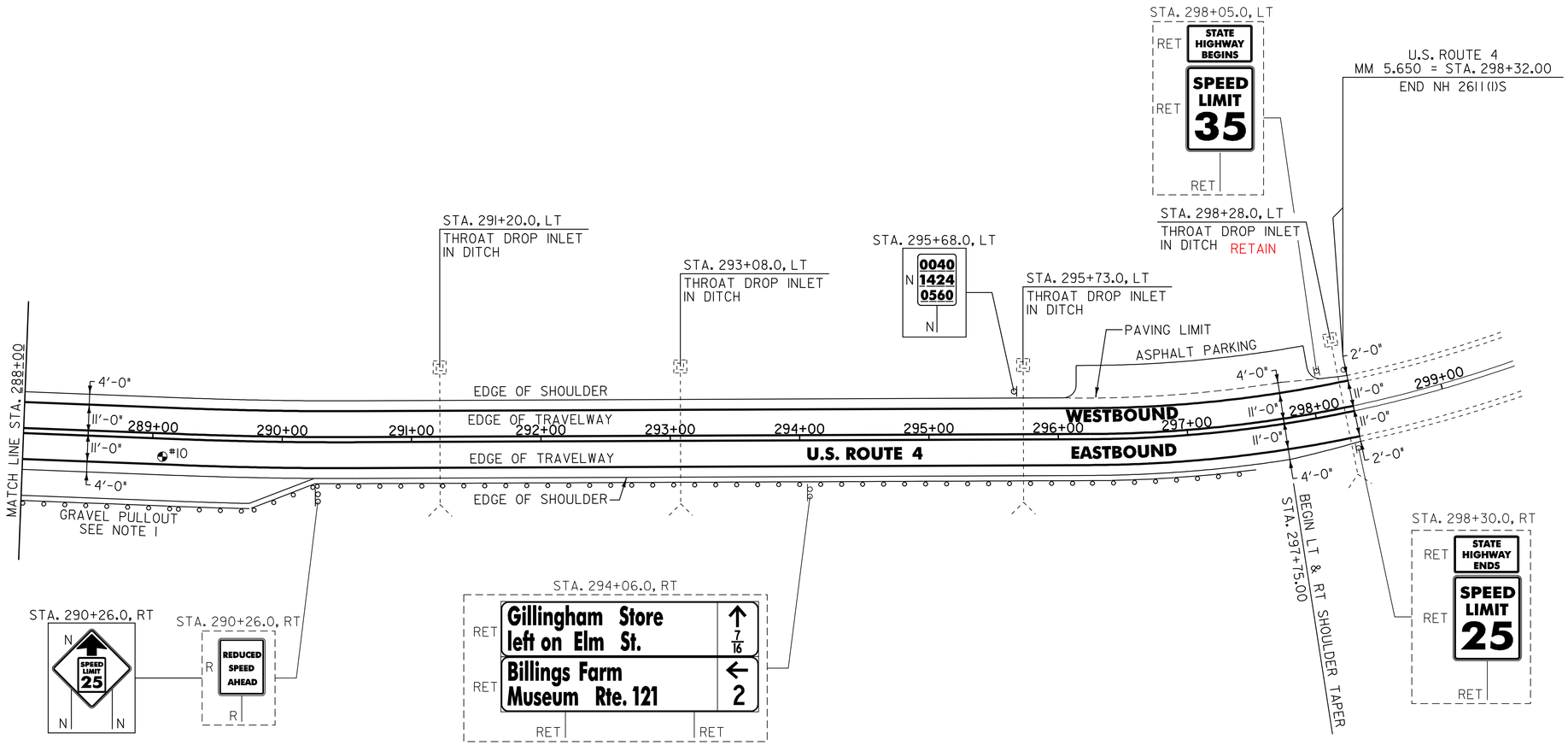
WOODSTOCK:	LT	℄	RT
STA. 288+00.00 - STA. 298+32.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
WOODSTOCK:
STA. 288+00.00 - STA. 298+32.00 LT & RT

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

WOODSTOCK:	LT	℄	RT
STA. 288+00.00 - STA. 298+32.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



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

WOODSTOCK:
STA. 291+20.0 LT
STA. 293+08.0 LT
STA. 295+73.0 LT
~~STA. 298+28.0 LT~~

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

WOODSTOCK: ~~68.5~~ 968
STA. 288+00.0 - STA. 297+~~05.5~~ RT (~~905.5~~ LF)

~~621.51 MANUFACTURED TERMINAL SECTION, TANGENT~~

~~WOODSTOCK:~~
~~STA. 297+05.5 STA. 297+55.5 RT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

WOODSTOCK:
STA. 288+00.0 - STA. 297+54.0 RT (954.0 LF)

621.60 ANCHOR FOR STEEL BEAM GUARDRAIL
297+68 RT

PAVEMENT CORES = ◔

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
10	9	NO	

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

NOTE:

1. PROVIDE A 5 FT WIDE, 1¾" TYPE IIIS APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

PROJECT LAYOUT SHEET #25

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160125.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 36 OF 80

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

WOODSTOCK:
STA. 231+00.00 DOUBLE SOLID LT, TH-23
STA. 231+36.96 DOUBLE SOLID LT, TH-114

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 231+00.00 LT, TH-23
STA. 231+36.96 LT, TH-114

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 231+00.00 LT, TH-23 "S,T,O,P" (4 EA)
STA. 231+36.96 LT, TH-114 "S,T,O,P" (4 EA)

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

WOODSTOCK:
STA. 231+00.00 DOUBLE SOLID LT, TH-23
STA. 231+36.96 DOUBLE SOLID LT, TH-114

646.682 TEMPORARY 24" STOP BAR, PAINT

WOODSTOCK:
STA. 231+00.00 LT, TH-23
STA. 231+36.96 LT, TH-114

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

WOODSTOCK:
STA. 231+00.00 LT, TH-23 "S,T,O,P" (8 EA)
STA. 231+36.96 LT, TH-114 "S,T,O,P" (8 EA)

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

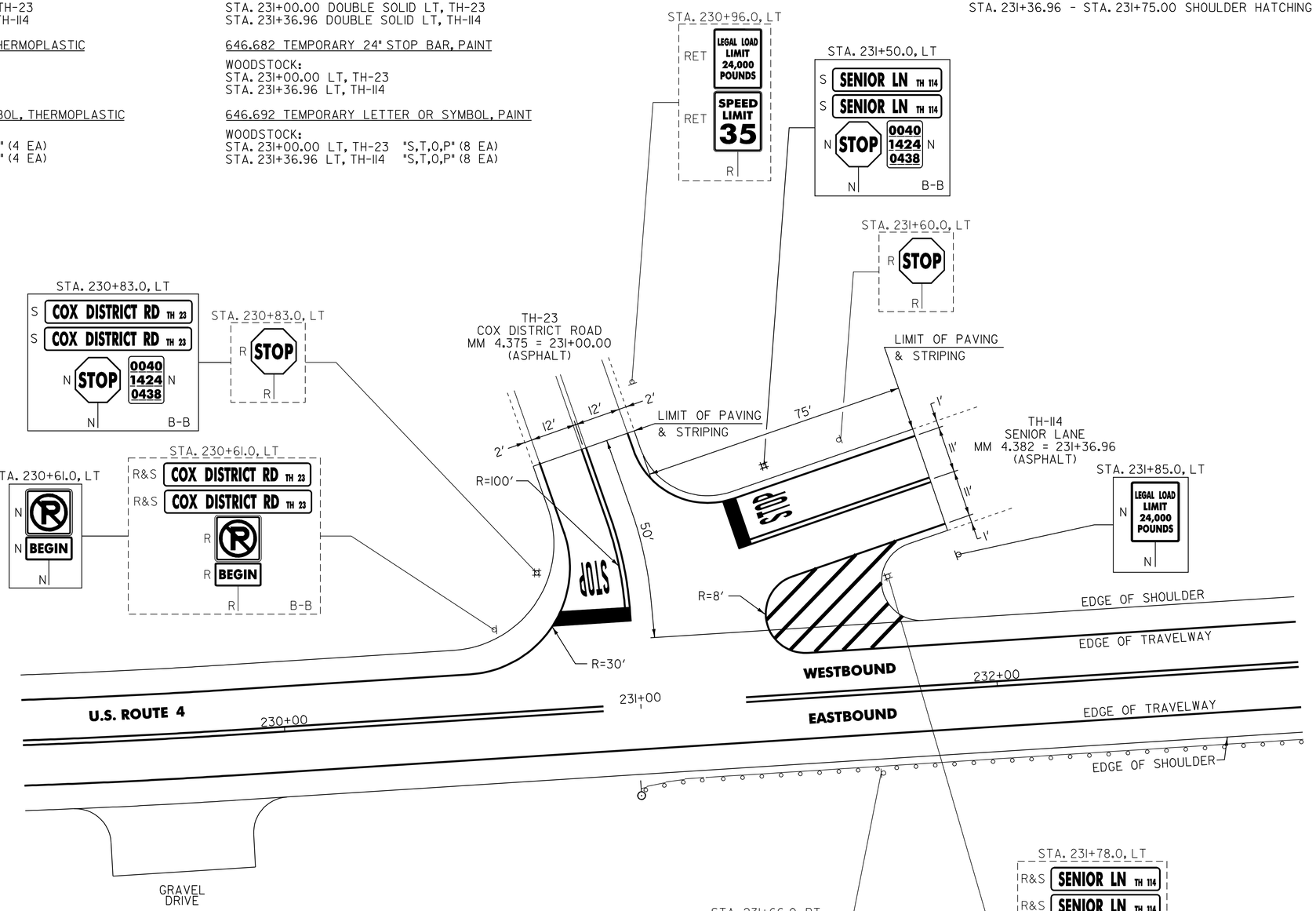
WOODSTOCK:
STA. 231+36.96 - STA. 231+75.00 SHOULDER HATCHING LT, TH-114

675.50 REMOVING SIGNS

AS SHOWN - 11

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 4



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

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

TH-23/TH-114 INTERSECTION DETAIL SHEET

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p05b036int01.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 37 OF 80

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

WOODSTOCK:
STA. 256+81.92 DOUBLE SOLID LT, TH-3
STA. 257+45.28 DOUBLE SOLID LT, TH-81

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

WOODSTOCK:
STA. 257+10.00 - STA. 257+45.28 SHOULDER HATCHING LT, TH-81

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

WOODSTOCK:
STA. 256+81.92 LT, TH-3
STA. 257+45.28 LT, TH-81

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

WOODSTOCK:
STA. 256+81.92 LT, TH-3 "S,T,O,P" (4 EA)
STA. 257+45.28 LT, TH-81 "S,T,O,P" (4 EA)

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

WOODSTOCK:
STA. 256+81.92 DOUBLE SOLID LT, TH-3
STA. 257+45.28 DOUBLE SOLID LT, TH-81

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

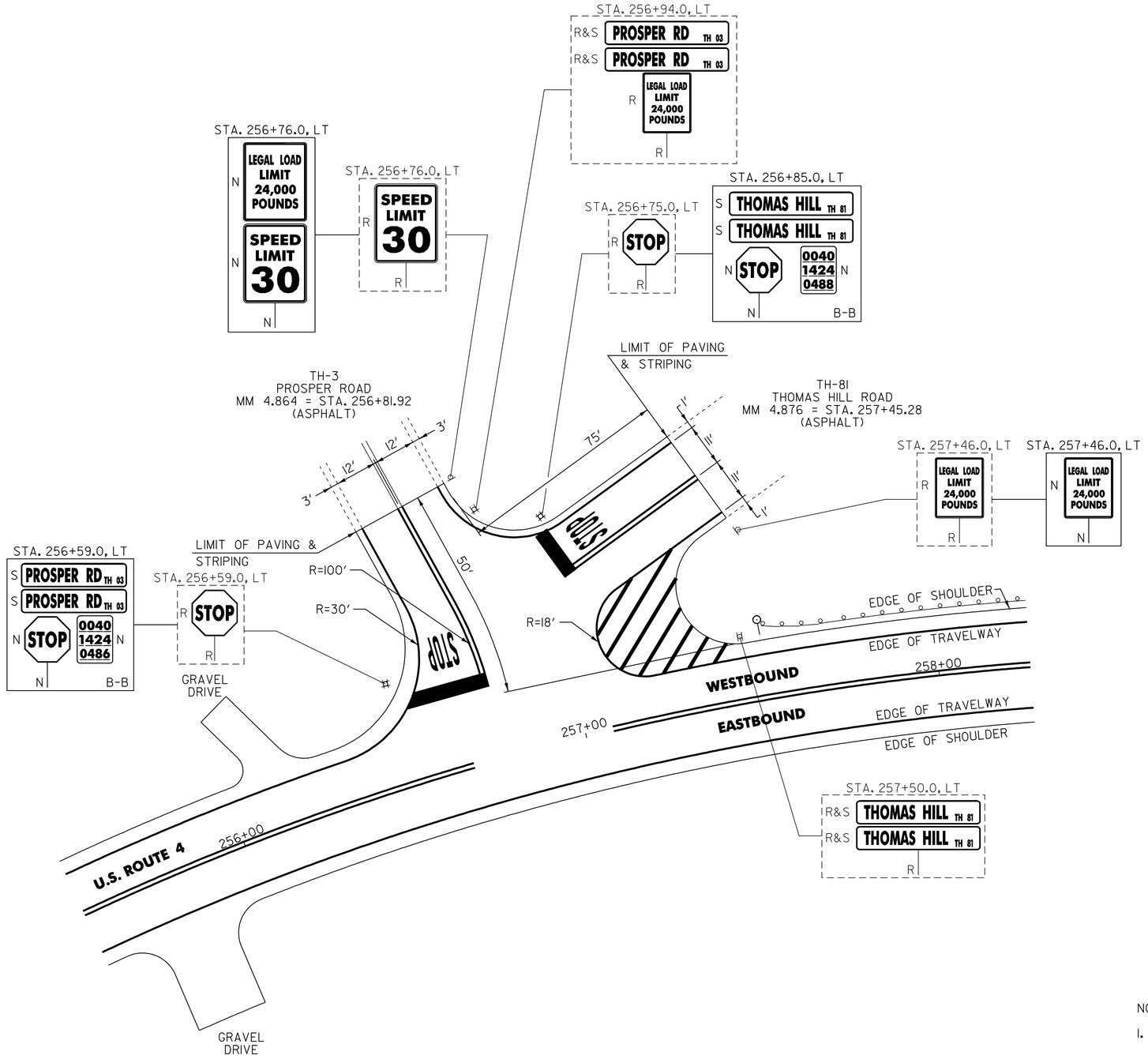
WOODSTOCK:
STA. 256+81.92 LT, TH-3
STA. 257+45.28 LT, TH-81

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

WOODSTOCK:
STA. 256+81.92 LT, TH-3 "S,T,O,P" (8 EA)
STA. 257+45.28 LT, TH-81 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4



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

NOTE:

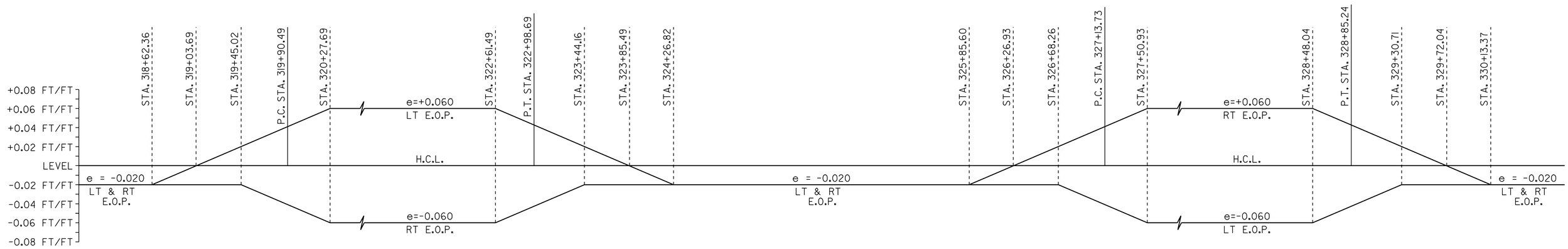
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM U.S. ROUTE 4 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

TH-3/TH-81 INTERSECTION DETAIL SHEET

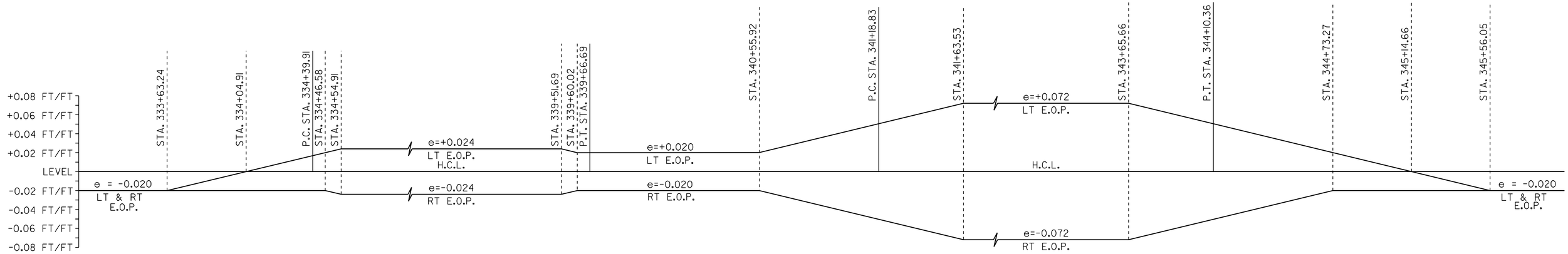
PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60int02.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 38 OF 80



CURVE 1 & CURVE 2 BANKING DIAGRAMS

CURVE 1 RADIUS = 1000'
CURVE 2 RADIUS = 1000'



CURVE 3 & CURVE 4 BANKING DIAGRAMS

CURVE 3 RADIUS = 3500'
CURVE 4 RADIUS = 700'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

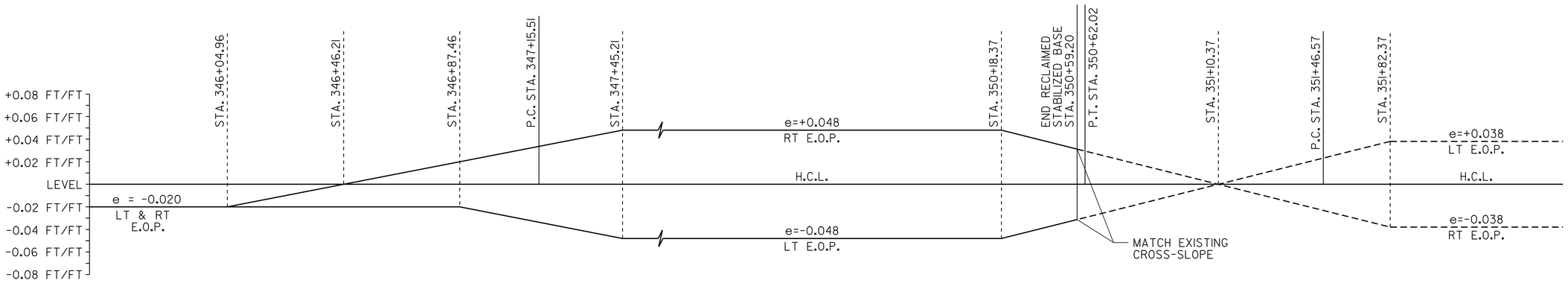
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #1

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(1)S

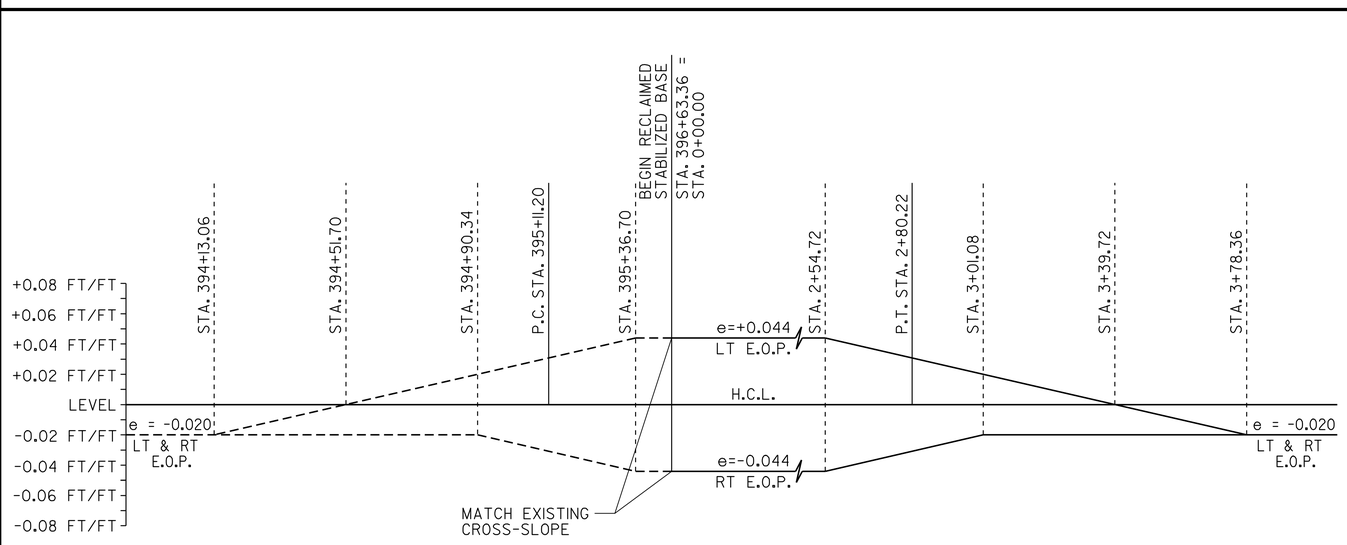
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd1.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 39 OF 80



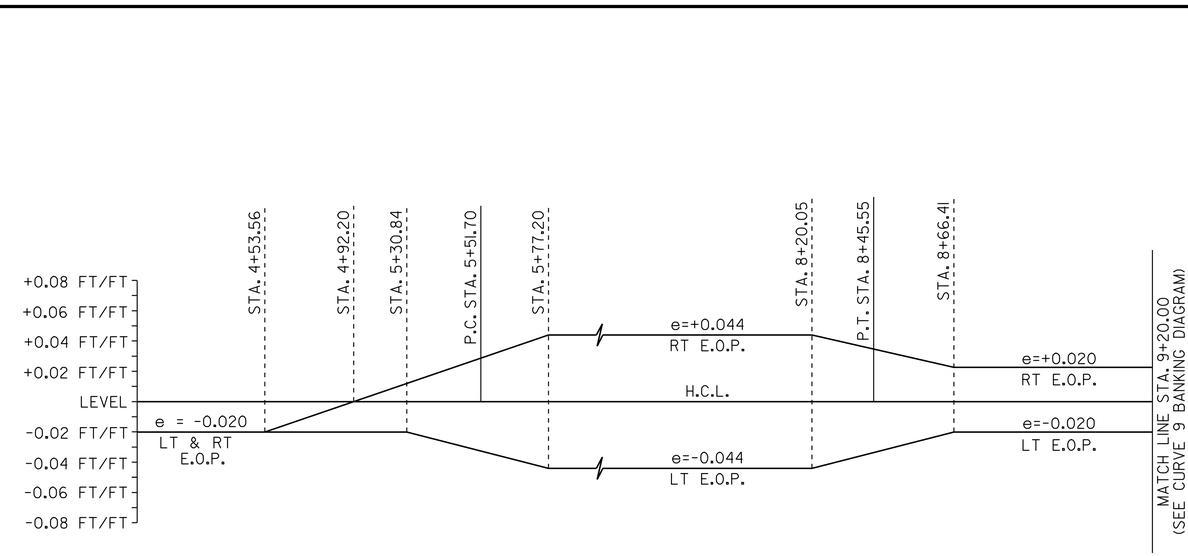
CURVE 5 & CURVE 6 BANKING DIAGRAMS

CURVE 5 RADIUS = 1400'
CURVE 6 RADIUS = 2000'



CURVE 7 BANKING DIAGRAM

CURVE 7 RADIUS = 1200'



CURVE 8 BANKING DIAGRAM

CURVE 8 RADIUS = 1200'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

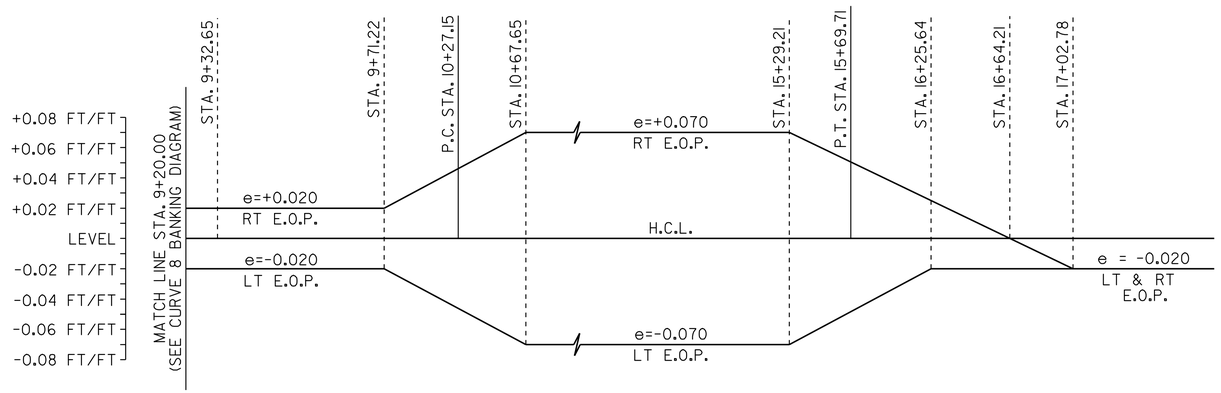
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #2

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S

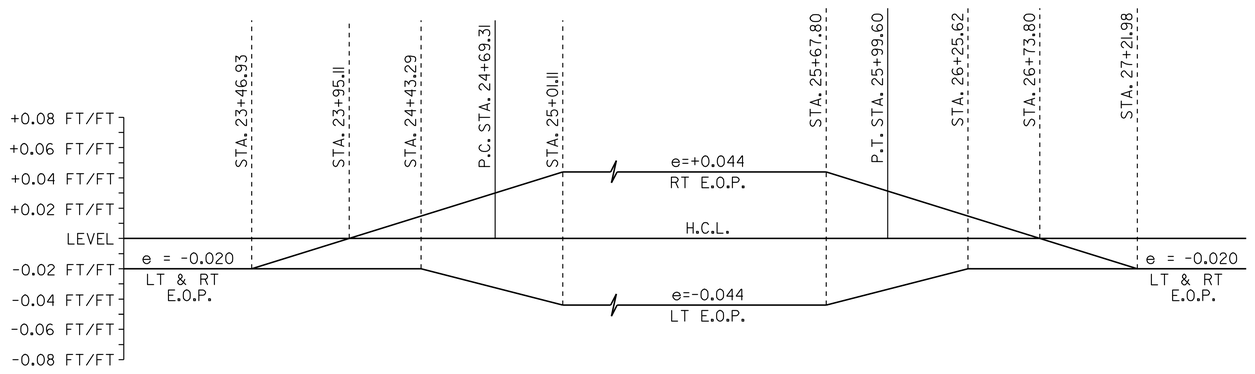
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd2.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



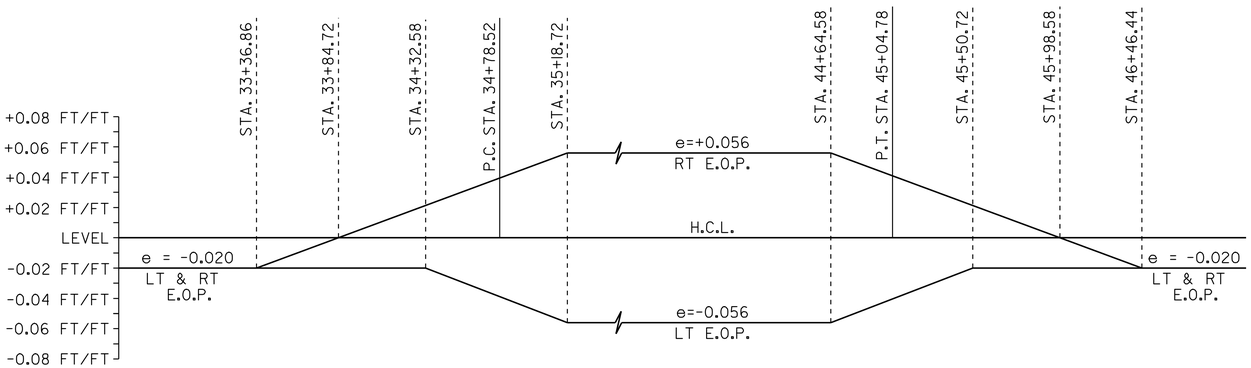
CURVE 9 BANKING DIAGRAM

CURVE 9 RADIUS = 525'



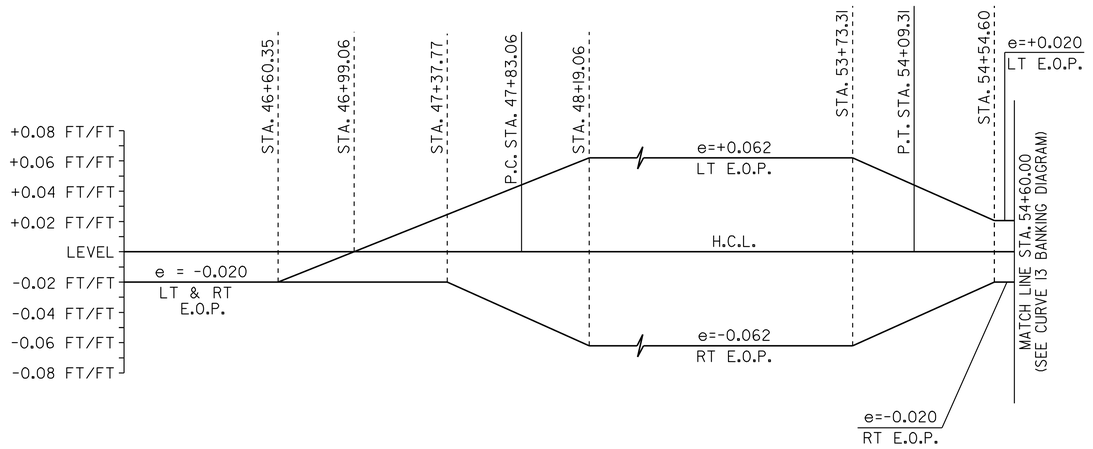
CURVE 10 BANKING DIAGRAM

CURVE 10 RADIUS = 2500'



CURVE 11 BANKING DIAGRAM

CURVE 11 RADIUS = 1750'



CURVE 12 BANKING DIAGRAM

CURVE 12 RADIUS = 700'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

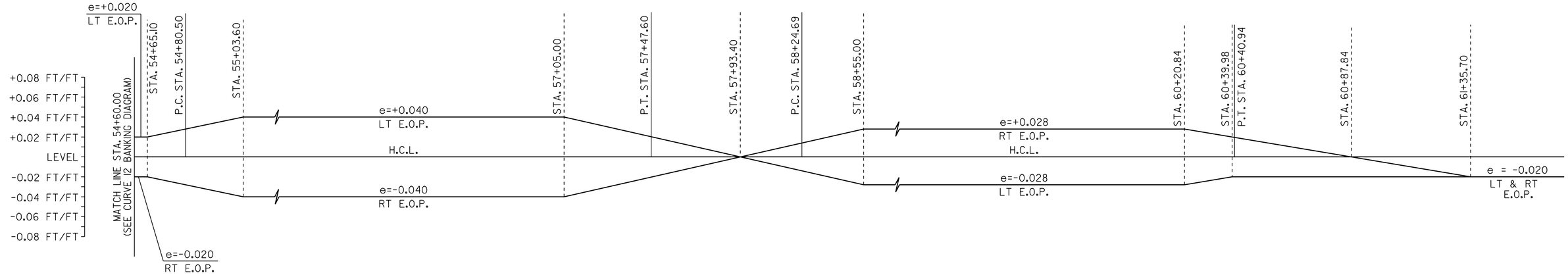
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #3

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

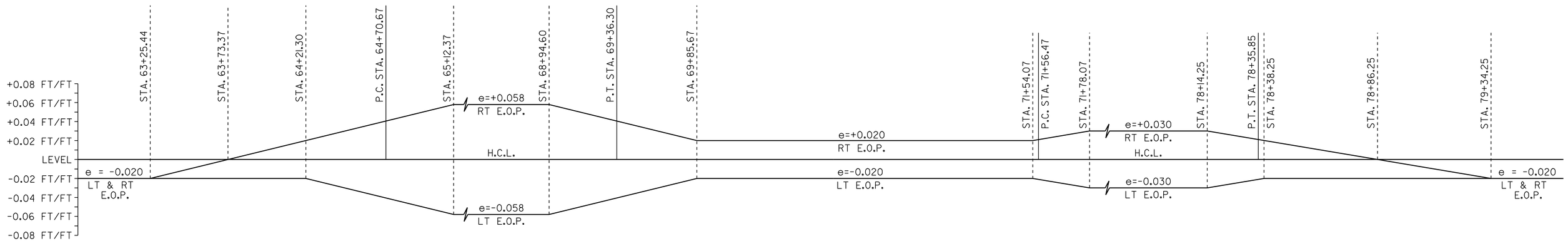
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd3.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 41 OF 80



CURVE 13 & CURVE 14 BANKING DIAGRAMS

CURVE 13 RADIUS = 1400'
CURVE 14 RADIUS = 4200'



CURVE 15 & CURVE 16 BANKING DIAGRAMS

CURVE 15 RADIUS = 1700'
CURVE 16 RADIUS = 4000'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

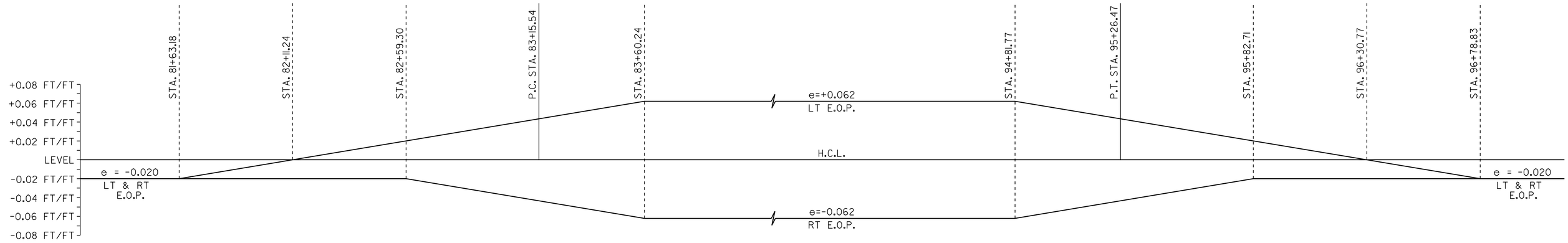
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #4

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26(1)S

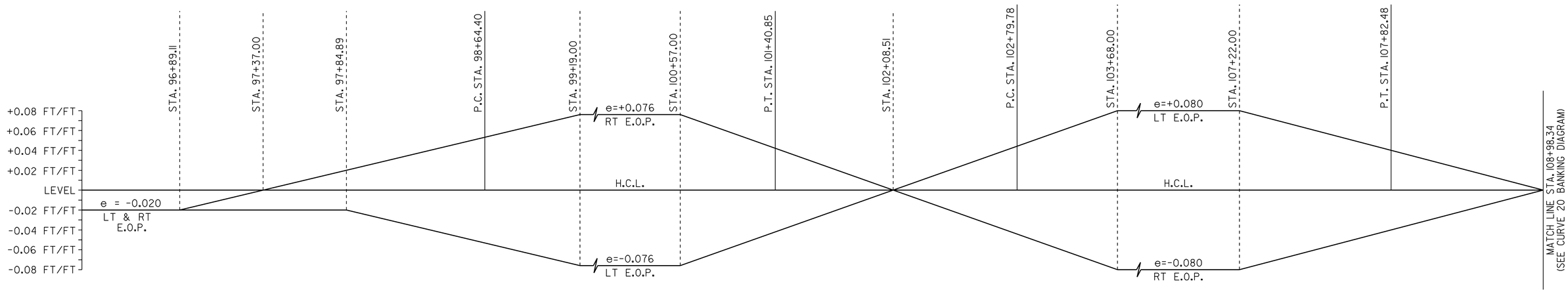
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd4.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 42 OF 80



CURVE 17 BANKING DIAGRAM

CURVE 17 RADIUS = 1500'



CURVE 18 & CURVE 19 BANKING DIAGRAMS

CURVE 18 RADIUS = 1000'
CURVE 19 RADIUS = 800'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

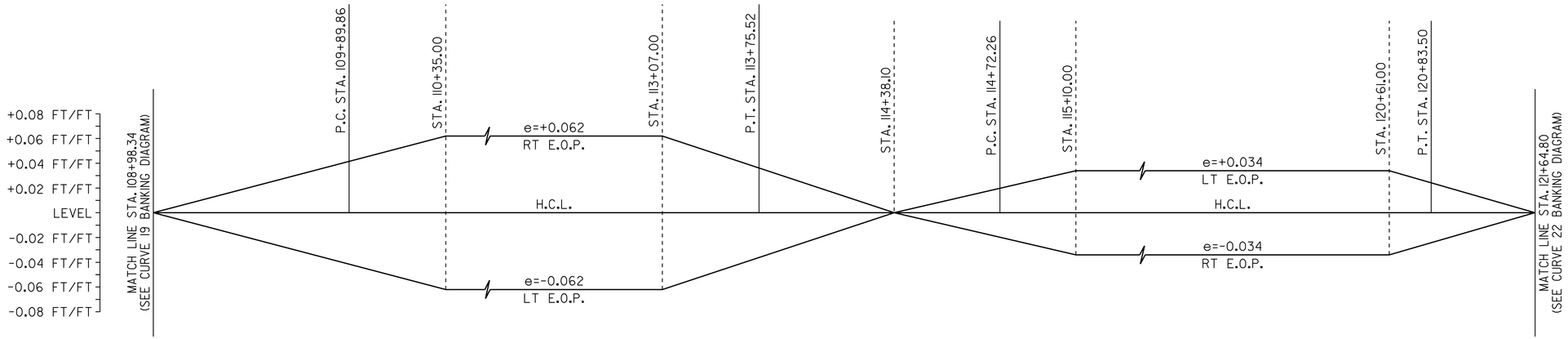
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #5

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

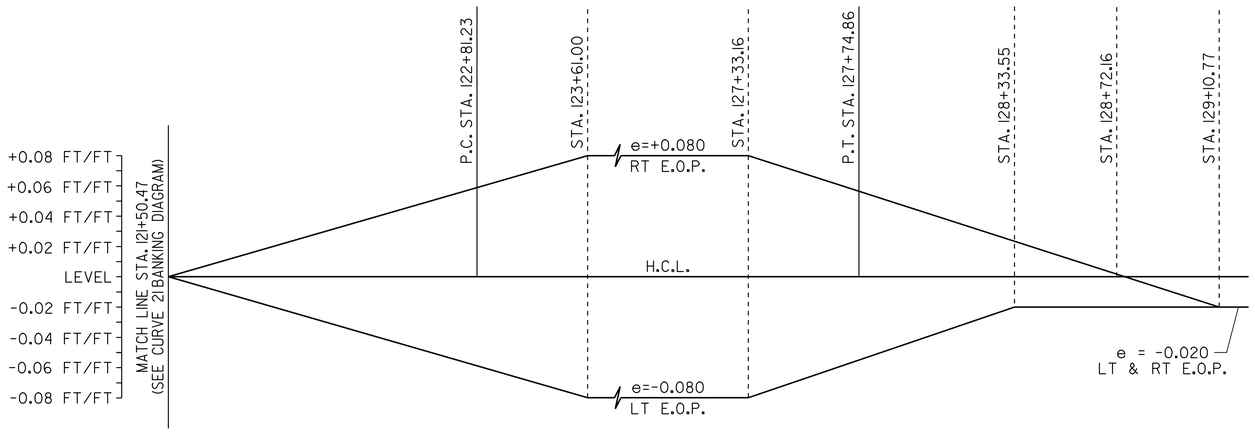
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd5.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 43 OF 80



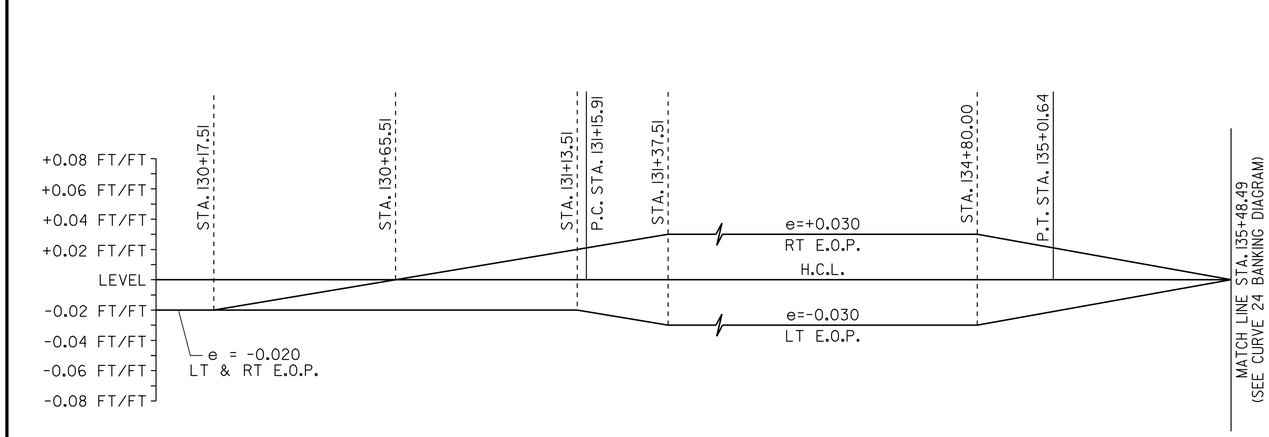
CURVE 20 & CURVE 21 BANKING DIAGRAMS

CURVE 20 RADIUS = 1500'
CURVE 21 RADIUS = 3500'



CURVE 22 BANKING DIAGRAM

CURVE 22 RADIUS = 500'



CURVE 23 BANKING DIAGRAM

CURVE 23 RADIUS = 4000'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

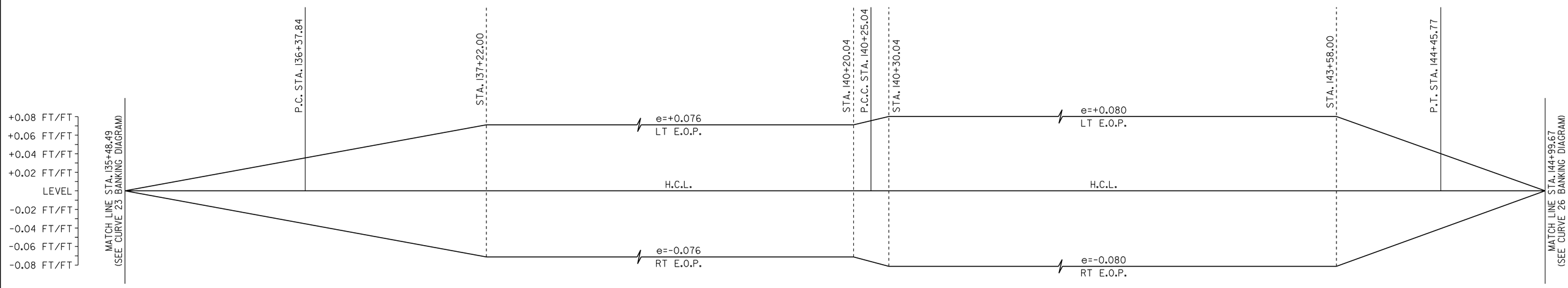
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #6

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

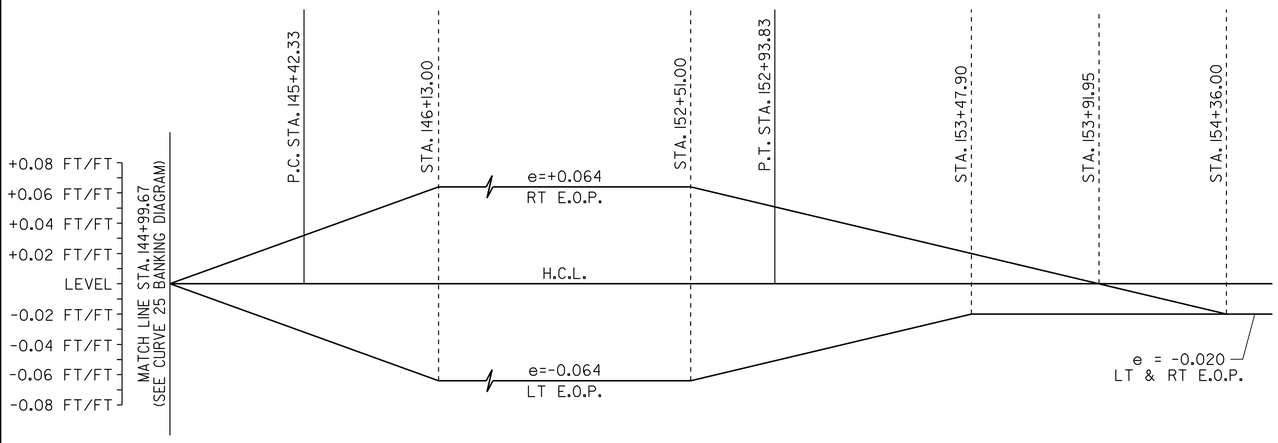
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd6.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 44 OF 80



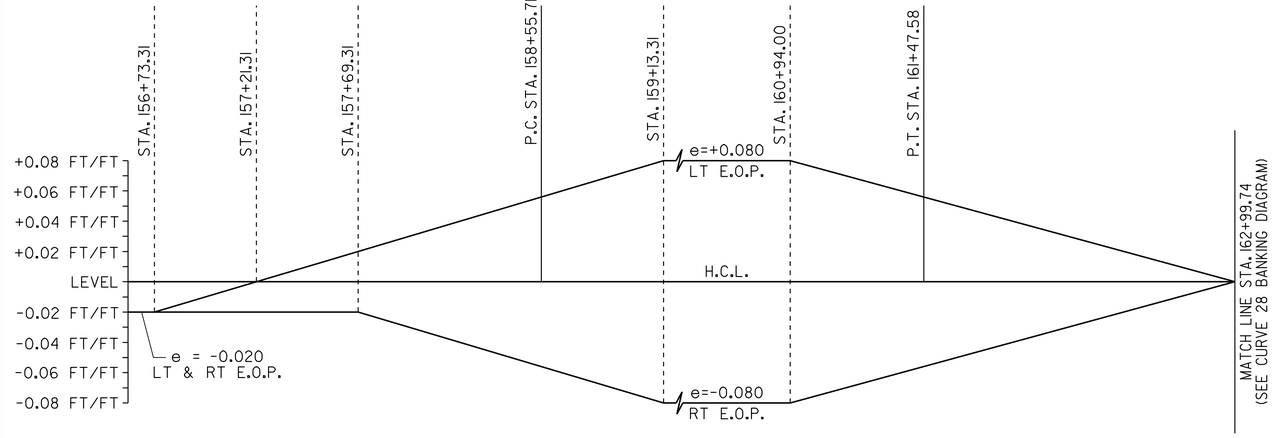
CURVE 24 & CURVE 25 BANKING DIAGRAMS

CURVE 24 RADIUS = 1000'
CURVE 25 RADIUS = 500'



CURVE 26 BANKING DIAGRAM

CURVE 26 RADIUS = 1400'



CURVE 27 BANKING DIAGRAM

CURVE 27 RADIUS = 600'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

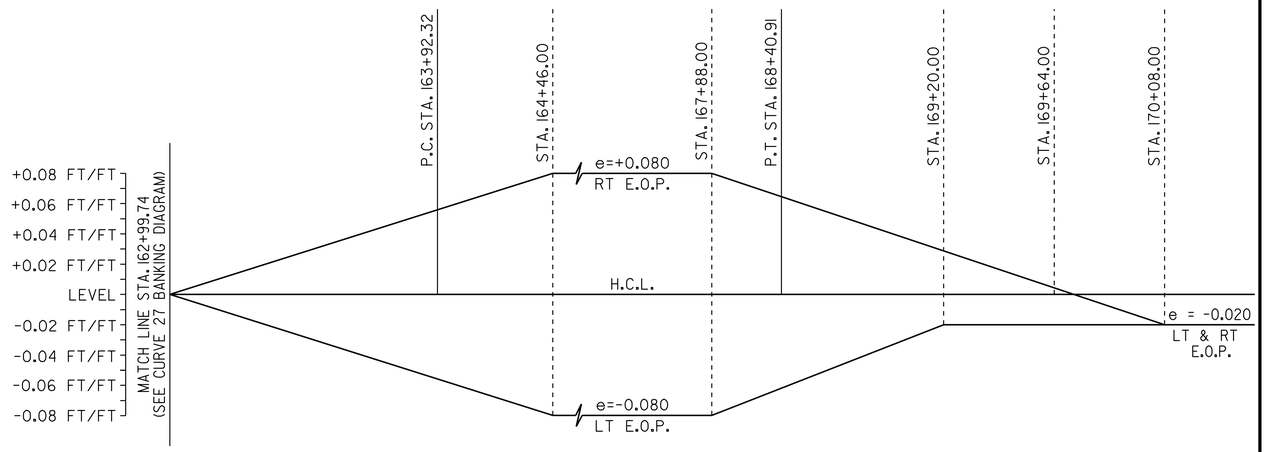
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #7

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

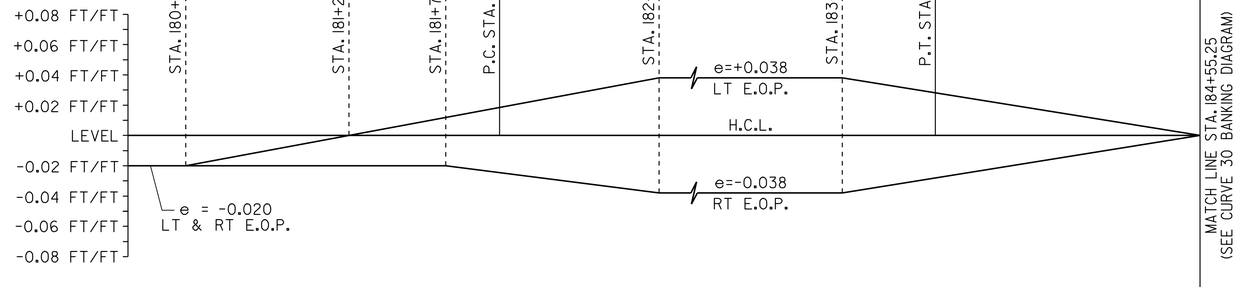
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd7.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 45 OF 80



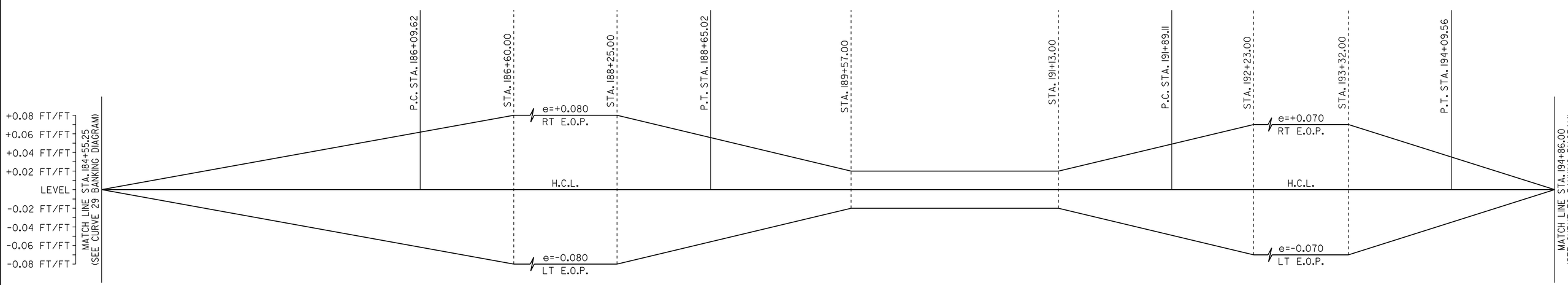
CURVE 28 BANKING DIAGRAM

CURVE 28 RADIUS = 500'



CURVE 29 BANKING DIAGRAM

CURVE 29 RADIUS = 3000'



CURVE 30 & CURVE 31 BANKING DIAGRAMS

CURVE 30 RADIUS = 725'
CURVE 31 RADIUS = 1200'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

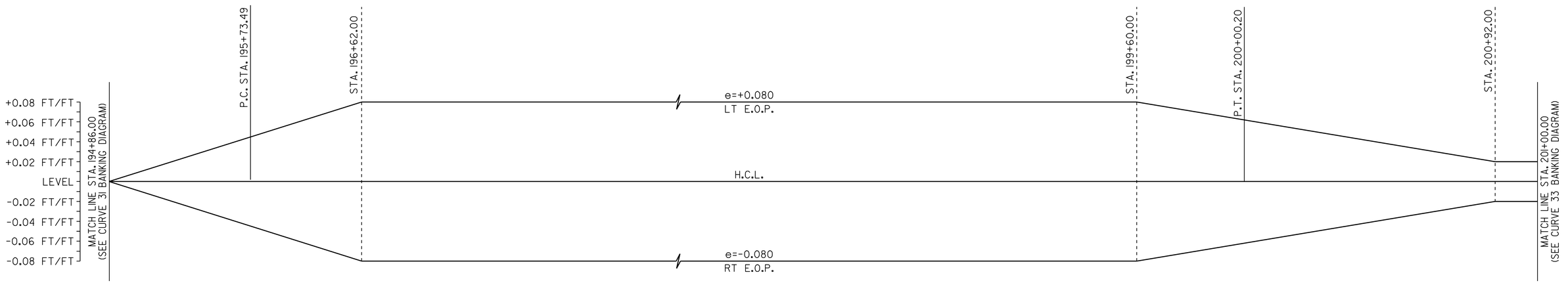
NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #8

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH-26II(I)S

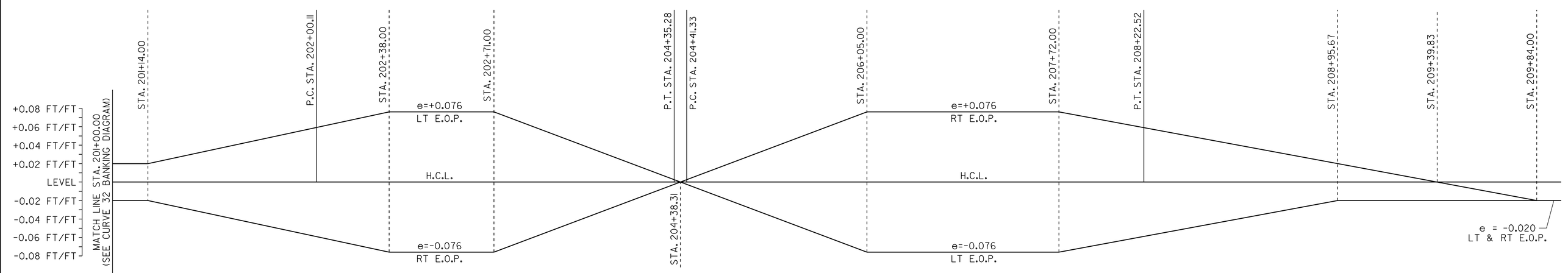
FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60sbd8.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 46 OF 80



CURVE 32 BANKING DIAGRAM

CURVE 32 RADIUS = 750'



CURVE 33 & CURVE 34 BANKING DIAGRAMS

CURVE 33 RADIUS = 1000'
CURVE 34 RADIUS = 1000'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.

NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #9

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160sbd9.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 47 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

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	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAMEMENT REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	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																									
BRIDGEWATER: 318+91.0, RT	SPEED LIMIT 40	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
318+91 LT	SPEED LIMIT 40		24	30	5.00						1			X																				
322+44.0, LT	→	1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6R		E-152
322+49.0, LT	←	1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6L		E-152
327+36.0, LT	0040 1405 0620	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
332+22.0, LT	SPEED LIMIT 40	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
332+22 RT	SPEED LIMIT 40	1	24	30	5.00						1			X																				
337+92.0, RT	0040 1405 0640	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
338+20.0, RT	BRIDGE 45A US 4	1	6	8	0.33						1	X			X			X															SIGN ID CODE VD-701		E-134
TOTALS		SF 27.17	SF	EA.	SF							LF 42.0	LF	LF 28.0 (56.0)	LF 42.0	LF 28.0	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
												LF 70.0 (56.0)			LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss01.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 48 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
BRIDGEWATER: 338+40.0, LT	BRIDGE 45A US 4	1	6	8	0.33						1	X			X			X																SIGN ID CODE VD-701		E-134
348+48.0, LT	0040 1405 0660	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
349+90.0, LT	DO NOT PASS	1	24	30	5.00						1			X		X		X																SIGN ID CODE R4-1		E-141
350+90.0, RT	Skaskiw Cabinetry rt on n. bridgewater rd ← 7/10						1				2			X		X		X																SALVAGED TIS TO BE MOUNTED ON NEW POSTS.	-	-
354+01.0, RT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
354+01.0, LT	SPEED LIMIT 40	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
356+14.0, RT							1				1			X		X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	NEXT 1 MILE						1																											SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
359+04.0, RT	0040 1405 0680	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
												LF 42.0	LF	LF 84.0	LF 42.0	LF 84.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 16.17	SF	EA. 3	SF							LF 126.0			LF 126.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss02.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 49 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																									
BRIDGEWATER: 361+89.0, RT	BRIDGE 46 US 4	1	6	8	0.33						1	X			X			X																SIGN ID CODE VD-701		E-134
362+35.0, LT	BRIDGE 46 US 4	1	6	8	0.33						1	X			X			X																SIGN ID CODE VD-701		E-134
365+32.0, LT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
366+83.0, LT	STOP	1	30	30	6.25						1			X		X		X																SIGN ID CODE R1-1		E-143
367+26.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
367+65.0, LT	GOLD COAST RD TH 26						1				1			X		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.	-	-
	STOP 0040 1405 0696	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
369+65.0, RT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
		1	24	24	4.00																												SIGN ID CODE R8-3A		E-143
												LF 28.0	LF	LF 70.0	LF 28.0	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 32.58	SF	EA. 1	SF							LF 98.0			LF 98.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss03.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 50 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
BRIDGEWATER: 372+24.0, RT	R	1	24	24	4.00						1			X		X		X															SIGN ID CODE R8-3A		E-143
374+89.0, RT	ONLY 25	1	36	36	9.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	74	
379+51.0, RT	SPEED LIMIT 25	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
379+51.0, LT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
380+16.0, LT	0040 1405 0720	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
381+30.0, RT		1	36	36	9.00						2			X																			SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
	AHEAD	1	30	18	3.75																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-9P	74	
383+19.0, LT	NORTH BRIDGEWATER RD TH 3						1				2			X		X		X															SALVAGED SIGN SHALL BE MOUNTED ON TWO NEW POSTS.	-	-
383+28.0, LT	STOP 0040 1405 0726	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
												LF 14.0	LF	LF 70.0 (56.0)	LF 14.0	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	SF 42.84	SF	EA. 1	SF	LF 84.0 (56.0)	LF 84.0	LB	EA.	LB	EA.	EA.	LB

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss04.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 51 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
BRIDGEWATER: 383+60.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
385+30.0, RT		1	36	36	9.00						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
		1	24	12	2.00																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-7P		E-152
385+46.0, LT		1	36	36	9.00						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
		1	24	12	2.00																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-7P		E-152
388+16.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
388+34.0, RT	STOP 0040 1405 0735	1 1	30 6	30 10	6.25 0.42						1			X		X		X																BACK TO BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
388+40.0, LT	SPEED LIMIT 25	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
388+70.0, RT	SPEED LIMIT 25	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
												LF	LF	LF 70.0 (56.0)	LF	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 48.67	SF	EA.	SF							LF 70.0 (56.0)			LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss05.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 52 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
BRIDGEWATER: 389+56.0, RT	R8-3A	1	24	24	4.00						1			X		X		X															SIGN ID CODE R8-3A		E-143
390+38.0, LT		1	36	36	9.00						2			X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
	AHEAD	1	30	18	3.75																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-9P	74	
WOODSTOCK: 0+00.0, RT	WOODSTOCK / BRIDGEWATER	1	60	7.5	3.13						1			X		X		X																	E-124
	0040 1424 0000	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
	0040 1405 0751	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
0+00.0, LT	SPEED LIMIT 25	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
0+00.0 RT	SPEED LIMIT 35 / BRIDGEWATER	1	24	30	5.00		1				1			X		X		X																BACK-TO-BACK SIGN ID CODE R2-1 ERECT SALVAGED SIGN ON NEW POST.	-	E-142 -
4+37.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
												LF	LF	LF 70.0 (28.0)	LF	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 35.72	SF	EA. 1	SF							LF 70.0 (28.0)			LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss06.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 53 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																								
WOODSTOCK: 4+93.0, RT	WOOLEN MILL DR TH 97 / WOOLEN MILL DR TH 97						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0009	1	30	30	6.25																												BACK-TO-BACK SIGN ID CODE RI-1		E-143
		1	6	10	0.42																												SIGN ID CODE VD-700		E-138
5+08.0, LT	SPEED LIMIT 25	1	36	36	9.00						2			X																				SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	74	
8+30.0, RT		1	30	30	6.25						1			X		X		X																SIGN ID CODE WI-2L		E-151
10+56.0, LT	0040 1424 0020	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
12+41.0, LT		1	30	30	6.25						1			X		X		X																SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE WII-2		E-152
	NEXT 1 MILE	1	24	18	3.00																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W7-3A		E-152
14+41.0, LT	HIDDEN DRIVE RIGHT	1	30	30	6.25						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-054		E-154
	SCHOOL BUS STOP AHEAD	1	30	30	6.25																												SIGN ID CODE S3-1		E-153
TOTALS					SF 44.09	SF	EA. 2	SF				LF 14.0	LF	LF 42.0 (56.0)	LF 14.0	LF 42.0	LF 56.0		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: BRIDGEWATER - - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss07.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 54 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

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	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	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																								
WOODSTOCK: 16+89.6, RT	SPEED LIMIT 50	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
	END NO PASSING	1	30	30	6.25																												SIGN ID CODE VR-417		E-141
16+89.6, LT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
21+12.0, RT	0040 1424 0040	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
22+44.0, LT	DO NOT PASS	1	24	30	5.00						1			X		X		X															SIGN ID CODE R4-1		E-141
22+44.0, RT	NO PASSING ZONE	1	48	36	5.56						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W14-3		E-152
24+49.0, LT	SPEED LIMIT 35	1	36	36	9.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	74	
29+83.2, RT	DO NOT PASS	1	24	30	5.00						1			X		X		X															SIGN ID CODE R4-1		E-141
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												LF 14.0	LF	LF 56.0 (56.0)	LF 14.0	LF 56.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 41.23	SF	EA.	SF				LF 70.0 (56.0)			LF 70.0						LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #8

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss08.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 55 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

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	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	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																									
WOODSTOCK: 29+83.2, LT	NO PASSING ZONE	1	48	36	5.56						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W14-3		E-152
31+68.0, LT	0040 1424 0060	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
36+16.8, LT	END NO PASSING	1	30	30	6.25						1			X		X		X															SIGN ID CODE VR-417		E-141
42+24.0, RT	0040 1424 0080	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
43+71.0, RT		1	30	30	6.25						1			X		X		X															SIGN ID CODE W1-2R		E-151
	35 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		E-155
44+71.0, LT	HILLSIDE RD TH 13 HILLSIDE RD TH 13						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0085	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
45+14.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X															SIGN ID CODE VR-017		E-141
												LF 28.0	LF	LF 56.0 (28.0)	LF 28.0	LF 56.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 32.82	SF	EA. 2	SF							LF 84.0 (28.0)			LF 84.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss09.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 56 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 48+50.0, RT	BRIDGE 46A US 4	1	6	8	0.33						1	X			X			X															SIGN ID CODE VD-701		E-134
48+65.0, LT	BRIDGE 46A US 4	1	6	8	0.33						1	X			X			X															SIGN ID CODE VD-701		E-134
51+83.0, LT	→	1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6R		E-152
51+88.0, LT	←	1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6L		E-152
52+80.0, LT	0040 1424 0100	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
54+38.4, RT	END NO PASSING	1	30	30	6.25						1			X		X		X															SIGN ID CODE VR-417		E-141
58+07.0, LT	↰	1	30	30	6.25						1			X		X		X															SIGN ID CODE WI-2L		E-151
	35 M.P.H.	1	18	18	2.25																												SIGN ID CODE WI3-1		E-155
61+35.4, LT	NO PASSING ZONE / DO NOT PASS	1 1	48 24	36 30	5.56 5.00						2			X																			SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. BACK-TO-BACK SIGN ID CODE WI4-3 SIGN ID CODE R4-1		E-152 E-141
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
												42.0		28.0 (84.0)	42.0	28.0																				
TOTALS		SF 42.39	SF	EA.	SF							LF 70.0 (84.0)			LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss10.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 57 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

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	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUNDATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL				SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												lb/ft			lb/ft					lb/ft				lb/ft				24"	30"						
												1.12	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																							
WOODSTOCK: 61+35.4, RT	NO PASSING ZONE DO NOT PASS	1 1	48 24	36 30	5.56 5.00						2			X																			SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. BACK-TO-BACK SIGN ID CODE W14-3 SIGN ID CODE R4-1		E-152 E-141
63+36.0, RT	0040 1424 0120	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
68+11.2, LT	END NO PASSING	1	30	30	6.25						1			X		X		X															SIGN ID CODE VR-417		E-141
72+49.0, RT		1 1	24 24	24 24	4.00 4.00						1			X		X		X															BACK-TO-BACK SIGN ID CODE VR-654 SIGN ID CODE VR-654		E-143 E-143
73+39.2, RT	END NO PASSING	1 1	30	30	6.25						1			X		X		X															SIGN ID CODE VR-417		E-141
73+92.0, LT	0040 1424 0140	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
												LF 28.0	LF	LF 42.0 (28.0)	LF 28.0	LF 42.0	LF	▨	EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 31.90	SF	EA.	SF	▨			LF 70.0 (28.0)			LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss11.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 58 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
																																	OPTION ITEMS		
WOODSTOCK: 81+84.0, RT	NO PASSING ZONE / DO NOT PASS	1	48	36	5.56						2			X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. BACK TO BACK SIGN ID CODE W14-3 SIGN ID CODE R4-1		E-152 E-141
		1	24	30	5.00																														
81+84.0, LT	NO PASSING ZONE / DO NOT PASS	1	48	36	5.56						2			X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. BACK TO BACK SIGN ID CODE W14-3 SIGN ID CODE R4-1		E-152 E-141
		1	24	30	5.00																														
84+48.0, RT	0040 1424 0160	1	6	10	0.42						1	X			X			X														SIGN ID CODE VD-700		E-138
95+04.0, LT	0040 1424 0180	1	6	10	0.42						1	X			X			X														SIGN ID CODE VD-700		E-138
105+34.0, RT	BIKE ROUTE	1	24	18	3.00						1			X		X		X														SIGN ID CODE D11-1		E-131B
		1	12	9	0.75																											SIGN ID CODE M7-1		E-131B
106+25.0, RT	LEGAL LOAD LIMIT 6,000 POUNDS	1	24	30	5.00						1			X		X		X														SIGN ID CODE VR-017		E-141
											LF	LF	LF		LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
											28.0		42.0 (56.0)		28.0	42.0																			
TOTALS		SF 36.96	SF	EA.	SF						LF 70.0 (56.0)				LF 70.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #12

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss12.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 59 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
														OPTION ITEMS																							
WOODSTOCK: 106+41.0, LT	STOP 0040 1424 0201	1 1	30 6	30 10	6.25 0.42						1			X		X		X															BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
109+40.0, RT	HIDDEN DRIVES LEFT	1	30	30	6.25						1			X		X		X															SIGN ID CODE VW-133		E-154
116+16.0, RT	0040 1424 0220	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
118+35.0, RT		1	30	30	6.25						1			X		X		X															SIGN ID CODE WI-2L		E-151
	35 M.P.H.	1	18	18	2.25																														
124+59.0, RT		1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6L		E-152
125+53.0, RT		1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6R		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 ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."												LF 14.0	LF	LF 42.0 (56.0)	LF 14.0	LF 42.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 37.84	SF	EA.	SF							LF 56.0 (56.0)			LF 56.0					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #13

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss13.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 60 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 126+72.0, LT	0040 1424 0240	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
131+17.0, LT		1	30	30	6.25						1			X		X		X															SIGN ID CODE W1-2R		E-151
	35 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		E-155
135+00.0, RT		1	30	30	6.25						1			X		X		X															SIGN ID CODE W1-2R		E-151
	35 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		E-155
137+28.0, RT	0040 1424 0260	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
141+85.0, LT	WESTERDALE CUT-OFF TH 28 / WESTERDALE CUT-OFF TH 28						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0269	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
142+15.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X															SIGN ID CODE VR-017		E-141
												LF 28.0	LF	LF 56.0	LF 28.0	LF 56.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 29.51	SF	EA. 2	SF							LF 84.0			LF 84.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #14

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss14.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 61 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

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	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0								
												OPTION ITEMS																								
WOODSTOCK: I46+50.0, LT		1	30	30	6.25						1			X		X		X																E-151
	35 M.P.H.	1	18	18	2.25																											SIGN ID CODE W13-1		E-155
I47+84.0, LT	0040 1424 0280	1	6	10	0.42						1	X			X			X														SIGN ID CODE VD-700		E-138
I58+40.0, RT	0040 1424 0300	1	6	10	0.42						1	X			X			X														SIGN ID CODE VD-700		E-138
I58+82.0, RT	HIDDEN DRIVES LEFT	1	30	30	6.25						1			X		X		X														SIGN ID CODE VW-133		E-154
I60+07.0, RT		1	30	30	6.25						1			X		X		X														SIGN ID CODE W1-10L	73	
	30 M.P.H.	1	18	18	2.25																											SIGN ID CODE W13-1		E-155
I64+10.0, RT	ONE LANE BRIDGE	1	30	30	6.25						1			X		X		X														SIGN ID CODE W5-3	73	
I64+25.0, LT	STOP	1	30	30	6.25						1			X		X		X														SIGN ID CODE R1-1		E-143
TOTALS		SF 36.59	SF	EA.	SF							LF 98.0			LF 98.0				EA.	LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB
28.0		70.0	28.0	70.0											

TRAFFIC SIGN SUMMARY SHEET #15

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss15.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 62 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: I64+32.0, LT	LEFT LANE MUST TURN LEFT	1	30	30	6.25						1			X		X		X															SIGN ID CODE R3-7L		E-140
I64+36.0, RT	STOP 0040 1424 0311	1 1	30 6	30 10	6.25 0.42						1			X		X		X															BACK TO BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
I65+80.0, LT	ONLY	1	30	30	6.25						1			X		X		X															SIGN ID CODE VR-92I		E-145A
I65+87.0, RT		1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6L		E-152
I66+80.0, RT		1	48	24	8.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-6R		E-152
I68+96.0, LT	0040 1424 0320	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
I70+61.0, LT	WATCH FOR TURNING VEHICLES	1	36	36	9.00						2			X																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-205		E-154
I71+64.0, RT		1	30	30	6.25						1			X		X		X															SIGN ID CODE WII-6H INSTALL FOLDING SIGN WITH HINGE ASSEMBLY PER STD. E-153. COSTS ASSOCIATED WITH THE HINGE ARE INCIDENTAL TO THE SIGN PANEL.		E-153
												LF 14.0	LF	LF 56.0 (84.0)	LF 14.0	LF 56.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."		**TOTALS**	SF 50.84	SF	EA.	SF		LF 70.0 (84.0)			LF 70.0					LB		EA.	LB				EA.	EA.	LB										

TRAFFIC SIGN SUMMARY SHEET #16

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss16.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 63 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 171+74.0, LT	WESTERDALE CUT-OFF TH 28 / WESTERDALE CUT-OFF TH 28						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0326	1	30	30	6.25																												BACK TO BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
		1	6	10	0.42																														
172+02.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
173+20.0, LT		1	30	30	6.25						1			X		X		X																SIGN ID CODE WI-10R	73	
	30 M.P.H.	1	18	18	2.25																												SIGN ID CODE WI3-1		E-155
178+49.0, LT	GABERT RD TH 17 / GABERT RD TH 17						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0339	1	30	30	6.25																												BACK TO BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
		1	6	10	0.42																														
179+27.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
182+32.0, LT		1	30	30	6.25						1			X		X		X																SIGN ID CODE WII-6H INSTALL FOLDING SIGN WITH HINGE ASSEMBLY PER STD. E-153. COSTS ASSOCIATED WITH THE HINGE ARE INCIDENTAL TO THE SIGN PANEL.		E-153
												LF	LF	LF 84.0	LF	LF 84.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 38.09	SF	EA. 4	SF							LF 84.0			LF 84.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #17

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss17.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 64 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 184+45.0, LT		1	30	30	6.25						1			X		X		X															SIGN ID CODE W2-2M		E-155
190+08.0, LT		1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
190+59.0, LT		1	36	36	9.00						2			X																			SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-205		E-154
200+64.0, RT		1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
203+08.0, RT		1	36	36	9.00						2			X																			SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	74	
210+14.4, RT		1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
210+14.4, LT		1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
211+20.0, LT		1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
												LF 42.0		LF 42.0 (56.0)	LF 42.0	LF 42.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 35.51	SF	EA.	SF							LF 84.0 (56.0)			LF 84.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #18

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss18.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 65 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
														OPTION ITEMS																						
WOODSTOCK: 214+92.0, LT	WYMAN LAKE TH 29 / WYMAN LAKE TH 29						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0408	1	30	30	6.25																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
		1	6	10	0.42																													
215+30.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X															SIGN ID CODE VR-017		E-141
221+76.0, RT	0040 1424 0420	1	6	10	0.42						1	X			X			X															SIGN ID CODE VD-700		E-138
224+11.0, RT		1	30	30	6.25						1			X		X		X															SIGN ID CODE W2-2L		E-155
226+82.0, LT	R	1	24	24	4.00						1			X		X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
229+00.0, LT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
	R	1	24	24	4.00																												SIGN ID CODE R8-3A		E-143
												LF 14.0	LF	LF 70.0	LF 14.0	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."	**TOTALS**	SF 33.34	SF	EA. 2	SF		LF 84.0			LF 84.0			EA.	LB			EA.	LB				EA.	EA.	LB									

TRAFFIC SIGN SUMMARY SHEET #19

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss19.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 66 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 230+61.0, LT	R	1	24	24	4.00						1			X		X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
230+83.0, LT	COX DISTRICT RD TH 32 / COX DISTRICT RD TH 32						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0438	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
231+50.0, LT	SENIOR LN TH 114 / SENIOR LN TH 114						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0438	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
231+66.0, RT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X															SIGN ID CODE R2-1		E-142
231+85.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X															SIGN ID CODE VR-017		E-141
235+20.0, RT		1	36	36	9.00						2			X																			SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE S1-1		E-153
	AHEAD	1	30	18	3.75																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-9P	74	
											LF	LF	LF 70.0 (28.0)	LF	LF 70.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 42.09	SF	EA. 4	SF		LF 70.0 (28.0)				LF 70.0								LB	EA.	LB						EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #20

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss20.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 67 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	SQUARE STEEL (in) lb/ft 2.0 2.16	SQUARE STEEL (in) lb/ft 2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 1.7	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	TUBULAR STEEL Ø (in) lb/ft 3.5 9.0	TUBULAR STEEL Ø (in) lb/ft 4.0 10.8	TUBULAR STEEL Ø (in) lb/ft 5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 238+88.0, LT	SENIOR LN TH 114 / SENIOR LN TH 114						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0453	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
239+08.0, LT	BARBERRY HILL TH 30 / BARBERRY HILL TH 30						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	30	30	6.25																												SIGN ID CODE R1-1		E-143
239+08.0, RT	WOODSTOCK UNION MIDDLE & HIGH SCHOOL →						1				2			X																				SALVAGED SIGN SHALL BE MOUNTED ON TWO NEW FLANGED CHANNEL POSTS	-	-
239+40.0, LT	NO OUTLET	1	30	30	6.25						1			X		X		X																SIGN ID CODE W14-2	73	
239+77.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
242+34.0, RT	STOP 0040 1424 0458	1 1	30 6	30 10	6.25 0.42						1			X		X		X																BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
243+38.0, RT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
243+95.0, LT	ONLY	1	30	30	6.25						1			X		X		X																SIGN ID CODE VR-921		E-145A
												LF	LF	LF 98.0 (28.0)	LF	LF 98.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 42.09	SF	EA. 5	SF							LF 98.0 (28.0)			LF 98.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #21

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss21.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 68 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
WOODSTOCK: 245+17.0, RT							1				1			X		X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
247+07.0, RT		1	36	36	9.00						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
		1	24	12	2.00																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-7P		E-152
247+87.0, LT		1	36	36	9.00						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
		1	24	12	2.00																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-7P		E-152
250+14.0, LT		1	36	36	9.00						2			X																				SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS WITH A FLUORESCENT YELLOW-GREEN BACKGROUND SIGN ID CODE SI-1		E-153
	AHEAD	1	30	18	3.75																												SIGN SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND. SIGN ID CODE W16-9P	74	
251+00.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																SIGN ID CODE VR-017		E-141
251+47.0, RT	MILL RD TH 50 MILL RD TH 50						2				1			X		X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0476	1 1	30 6	30 10	6.25 0.42																												BACK TO BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138
												LF	LF	LF 42.0 (84.0)	LF	LF 42.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."		**TOTALS**	SF 46.42	SF	EA. 3	SF			LF 42.0 (84.0)			LF 42.0							LB	EA.	LB					EA.	EA.	LB							

TRAFFIC SIGN SUMMARY SHEET #22

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss22.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 69 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 23

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												OPTION ITEMS																								
WOODSTOCK: 251+60.0, LT	BIKE ROUTE	1	24	18	3.00						1			X		X		X															SIGN ID CODE D11-1		E-131B
		1	12	9	0.75																											SIGN ID CODE M7-1		E-131B
252+45.0, RT	WATCH FOR TURNING VEHICLES						1				1			X		X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
255+44.0, LT							1				1			X		X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
256+59.0, LT	PROSPER RD TH 03 / PROSPER RD TH 03						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0486	1 1	30 6	30 10	6.25 0.42																											BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
256+76.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X															SIGN ID CODE VR-017		E-141
	SPEED LIMIT 30	1	24	30	5.00																											SIGN ID CODE R1-1		E-142
256+85.0, LT	THOMAS HILL TH 81 / THOMAS HILL TH 81						2				1			X		X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0040 1424 0488	1 1	30 6	30 10	6.25 0.42																											BACK TO BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
												LF	LF	LF 84.0	LF	LF 84.0	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 27.09	SF	EA. 6	SF							LF 84.0			LF 84.0					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #23

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss23.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 70 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 24

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	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	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																								
WOODSTOCK: 257+46.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1			X		X		X																E-141
259+54.0, RT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																E-142
263+77.0, LT	0040 1424 0500	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
274+56.0, LT	0040 1424 0520	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
275+84.0, LT	SPEED LIMIT 35	1	24	30	5.00						1			X		X		X																SIGN ID CODE R2-1		E-142
285+12.0, RT	0040 1424 0540	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
290+26.0, RT	W3-5	1	36	36	9.00						2			X																				SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	74	
295+68.0, LT	0040 1424 0560	1	6	10	0.42						1	X			X			X																SIGN ID CODE VD-700		E-138
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
												56.0		42.0 (28.0)	56.0	42.0																			
TOTALS		SF 25.68	SF	EA.	SF							LF 98.0 (28.0)			LF 98.0					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #24

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss24.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 71 OF 80

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 25

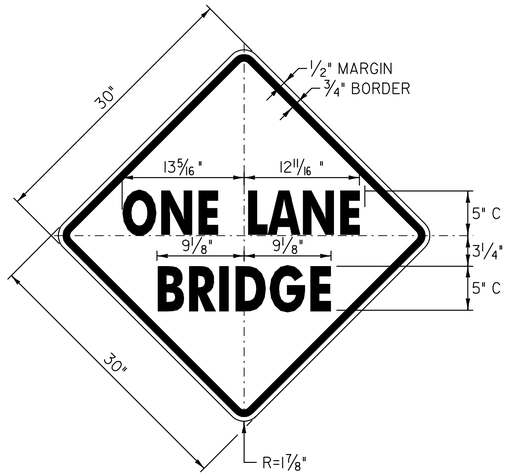
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	SQUARE STEEL ANCHOR	SQUARE STEEL SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
	SHEET 48 SUBTOTALS				27.17		-					42.0		28.0 (56.0)	42.0	28.0																			
	SHEET 49 SUBTOTALS				16.17		3					42.0		84.0 (-)	42.0	84.0																			
	SHEET 50 SUBTOTALS				32.58		1					28.0		70.0 (-)	28.0	70.0																			
	SHEET 51 SUBTOTALS				42.84		1					14.0		70.0 (56.0)	14.0	70.0																			
	SHEET 52 SUBTOTALS				48.67		-					-		70.0 (56.0)	-	70.0																			
	SHEET 53 SUBTOTALS				35.72		1					-		70.0 (28.0)	-	70.0																			
	SHEET 54 SUBTOTALS				44.09		2					14.0		42.0 (56.0)	14.0	42.0																			
	SHEET 55 SUBTOTALS				41.23		-					14.0		56.0 (56.0)	14.0	56.0																			
	SHEET 56 SUBTOTALS				32.82		2					28.0		56.0 (28.0)	28.0	56.0																			
	SHEET 57 SUBTOTALS				42.39		-					42.0		28.0 (84.0)	42.0	28.0																			
	SHEET 58 SUBTOTALS				31.90		-					28.0		42.0 (28.0)	28.0	42.0																			
	SHEET 59 SUBTOTALS				36.96		-					28.0		42.0 (56.0)	28.0	42.0																			
	SHEET 60 SUBTOTALS				37.84		-					14.0		42.0 (56.0)	14.0	42.0																			
	SHEET 61 SUBTOTALS				29.51		2					28.0		56.0 (-)	28.0	56.0																			
	SHEET 62 SUBTOTALS				36.59		-					28.0		70.0 (-)	28.0	70.0																			
	SHEET 63 SUBTOTALS				50.84		-					14.0		56.0 (84.0)	14.0	56.0																			
	SHEET 64 SUBTOTALS				38.09		4					-		84.0 (-)	-	84.0																			
	SHEET 65 SUBTOTALS				35.51		-					42.0		42.0 (56.0)	42.0	42.0																			
	SHEET 66 SUBTOTALS				33.34		2					14.0		70.0 (-)	14.0	70.0																			
	SHEET 67 SUBTOTALS				42.09		4					-		70.0 (28.0)	-	70.0																			
	SHEET 68 SUBTOTALS				42.09		5					-		98.0 (28.0)	-	98.0																			
	SHEET 69 SUBTOTALS				46.42		3					-		42.0 (84.0)	-	42.0																			
	SHEET 70 SUBTOTALS				27.09		6					-		84.0 (-)	-	84.0																			
	SHEET 71 SUBTOTALS				25.68		-					56.0		42.0 (28.0)	56.0	42.0																			
	ROUNDING				0.37		-					24.0		36.0 (32.0)	24.0	36.0																			
																																	*THE SALVAGED TIS LOCATED AT STA. 350+90.0 RT IS A NON-PARTICIPATING COST AS SHOWN ON THE QUANTITY SHEETS.		
												LF 500	LF	LF 1450 (900)	LF 500	LF 1450	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
	TOTALS				SF 878	SF	EA. 35/1*	SF				LF 1922/28* (900)			LF 1950					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC AND SAFETY SECTION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #25

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

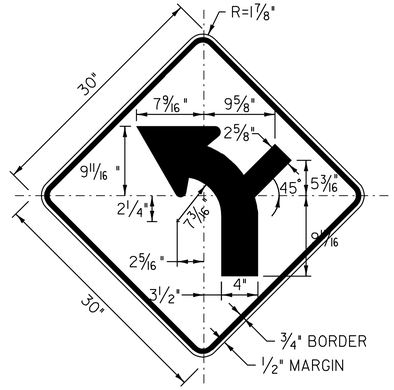
FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tss25.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 72 OF 80



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

MATERIAL: PER VAOT STANDARD E-151

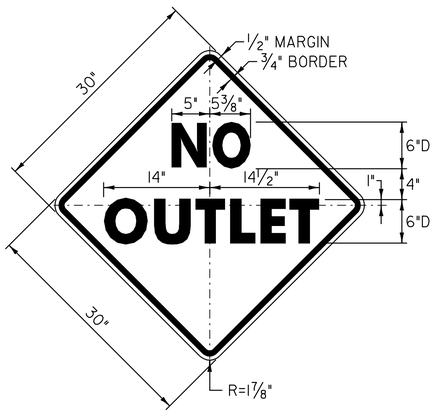
LOCATION: U.S. ROUTE 4
WOODSTOCK:
STA. 164+10.0, RT



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

MATERIAL: PER VAOT STANDARD E-151

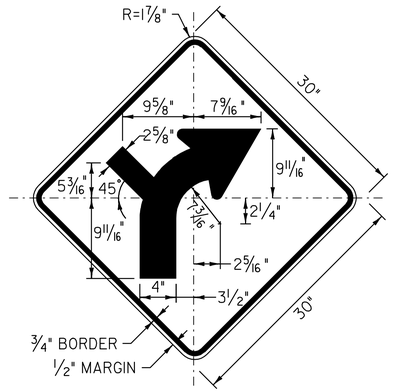
LOCATION: U.S. ROUTE 4
WOODSTOCK:
STA. 160+07.0, RT



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

MATERIAL: PER VAOT STANDARD E-151

LOCATION: U.S. ROUTE 4
WOODSTOCK:
STA. 239+40.0, LT



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

MATERIAL: PER VAOT STANDARD E-151

LOCATION: U.S. ROUTE 4
WOODSTOCK:
STA. 173+20.0, 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 INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC OPERATIONS UNIT BEFORE FABRICATION.

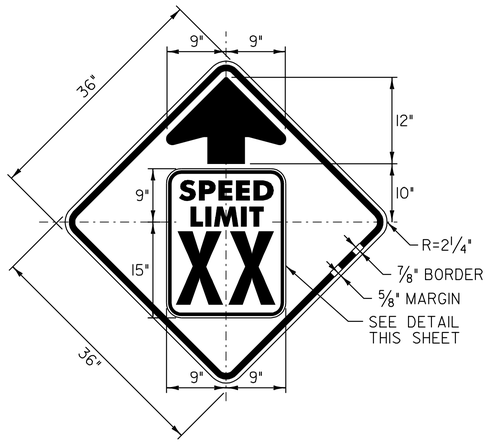
NOT TO SCALE

TRAFFIC SIGN DETAIL SHEET #1

PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160tsd01.i

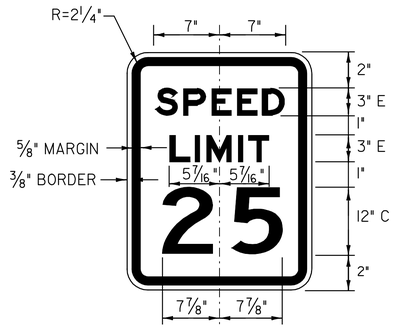
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



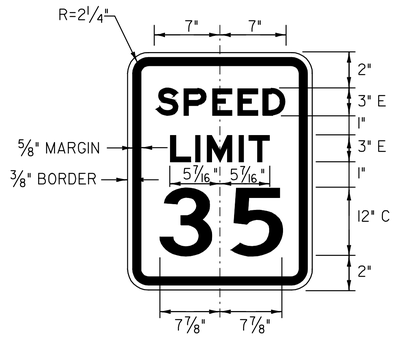
COLOR: BLACK BORDER & LEGEND (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-151

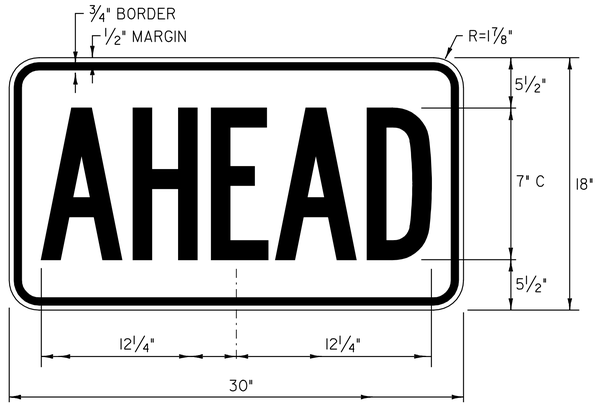
LOCATIONS: U.S. ROUTE 4
BRIDGEWATER
STA. 374+89.0, RT
WOODSTOCK
STA. 5+08.0, LT
STA. 24+49.0, LT
STA. 203+08.0, RT
STA. 290+26.0, RT



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



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



COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
FLUORESCENT YELLOW-GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-153

LOCATIONS: U.S. ROUTE 4
BRIDGEWATER
STA. 383+30.0, RT
STA. 390+38.0, LT
WOODSTOCK
STA. 235+20.0, RT
STA. 250+14.0, 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 INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC OPERATIONS UNIT BEFORE FABRICATION.

NOT TO SCALE

TRAFFIC SIGN DETAIL SHEET #2

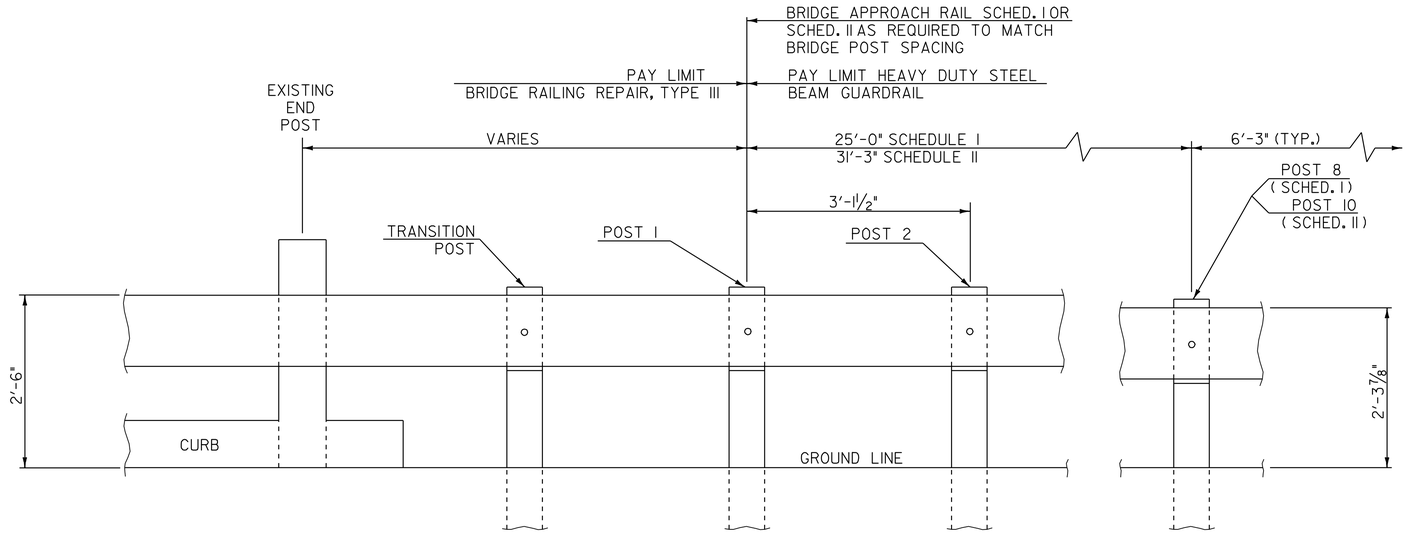
PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II (I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60tsd02.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 74 OF 80

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	525.60	REMARKS
BRIDGEWATER:						
361+95.8 - 362+27.1	RT	46	8"	31.3	31.3	
361+98.8 - 362+30.1	LT	46	8"	31.3	31.3	
WOODSTOCK:						
62+75.8 - 63+00.8	LT	47	8"	25	25	
62+77.8 - 63+02.8	RT	47	8"	25	25	
176+38.0 - 176+63.0	LT	48	8"	25	25	
176+38.0 - 176+63.0	RT	48	8"	25	25	
ROUNDING				0.4	0.4	
TOTAL				163	163	



SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 12'-6"
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9		
TOTAL PAY LENGTH = 32' - 6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 18'-9"
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	3'-1½"	
6	3'-1½"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)
11		
TOTAL PAY 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

GENERAL NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
8. ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
9. ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH SUBSECTION 732.04 , UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO AASHTO M 111M/M 111.
10. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
11. NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.

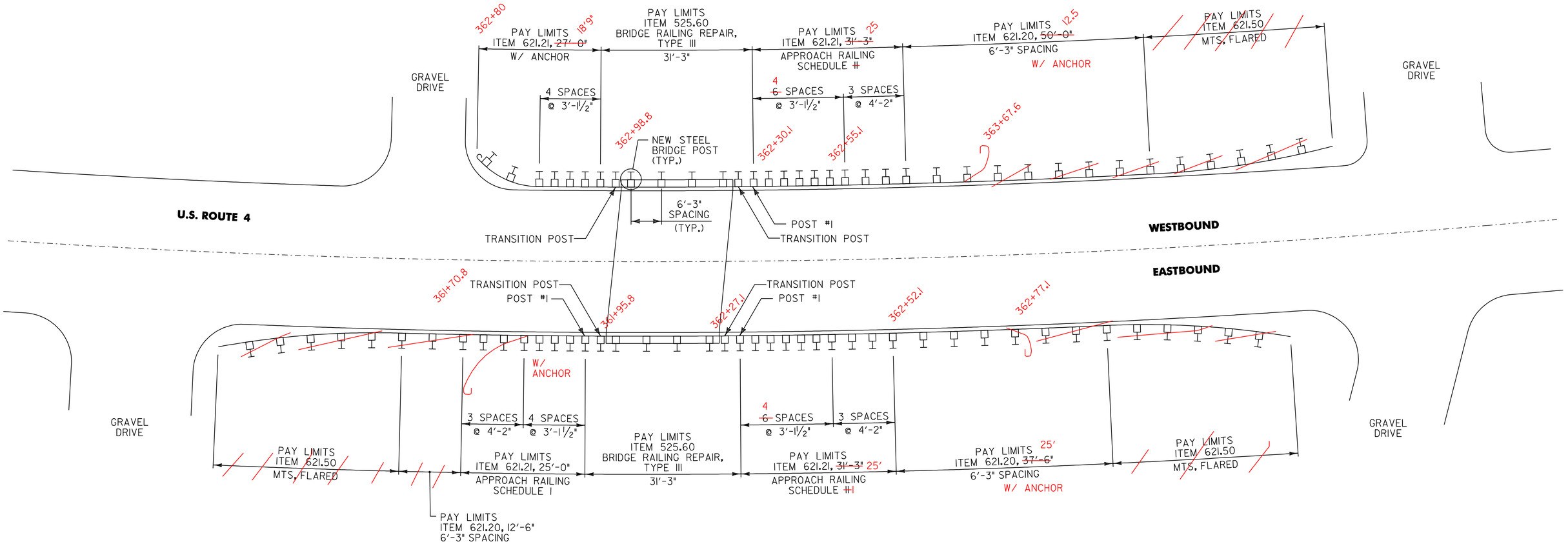
NOT TO SCALE

BRIDGE DETAIL SHEET #1

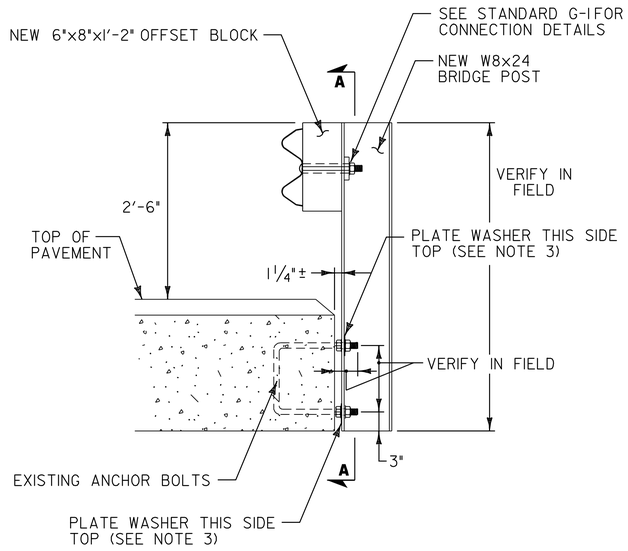
PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH-2611(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160bdl.i

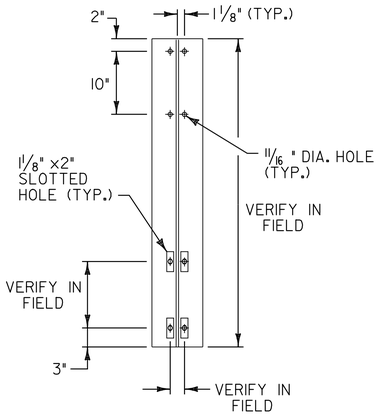
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



BR 46 BRIDGEWATER MM 6.859 = STA. 362+15.52



BR 46 BRIDGE POST DETAIL



SECTION A–A

NOTES:

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

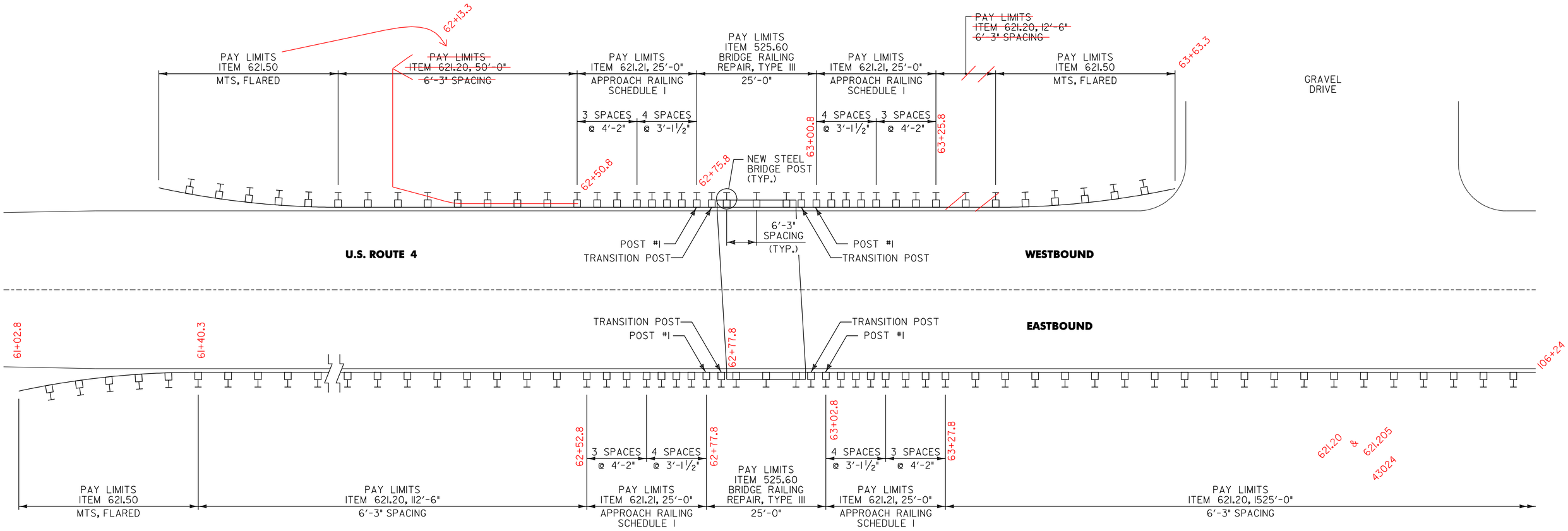
NOT TO SCALE

BRIDGE DETAIL SHEET #2

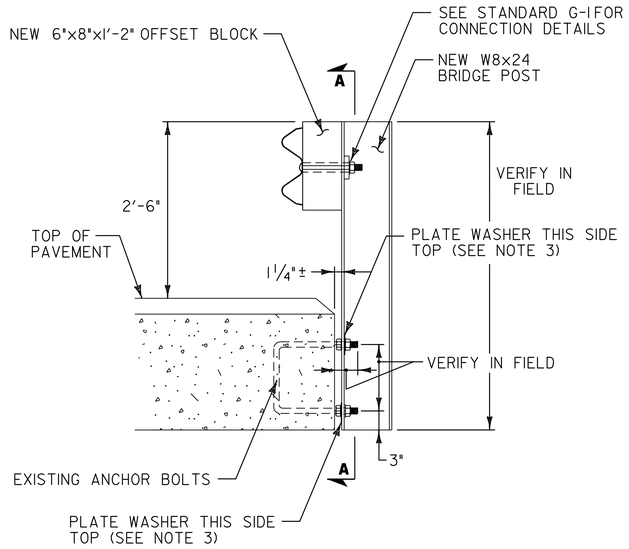
PROJECT NAME: BRIDGEWATER--WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60bd2.i

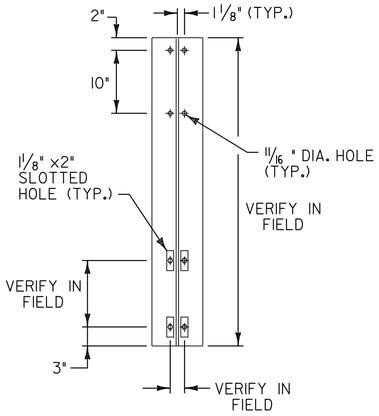
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 76 OF 80



BR 47 WOODSTOCK MM 1.191 = STA. 62+88.48



BR 47 BRIDGE POST DETAIL



SECTION A-A

NOTES:

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

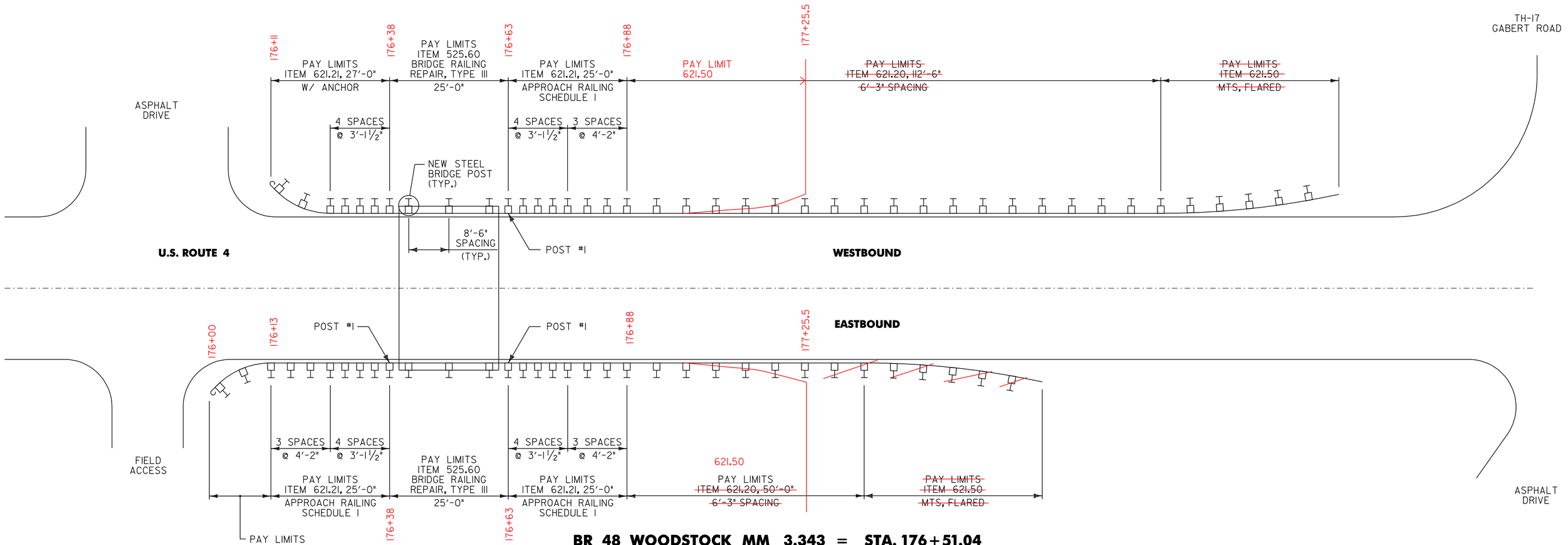
NOT TO SCALE

BRIDGE DETAIL SHEET #3

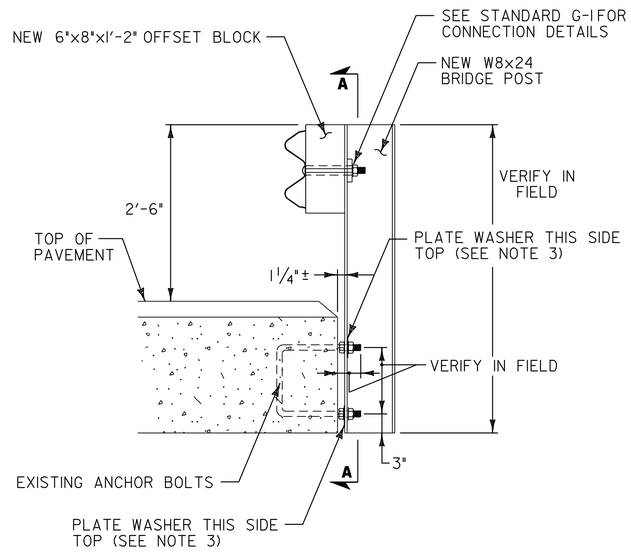
PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II (I)S

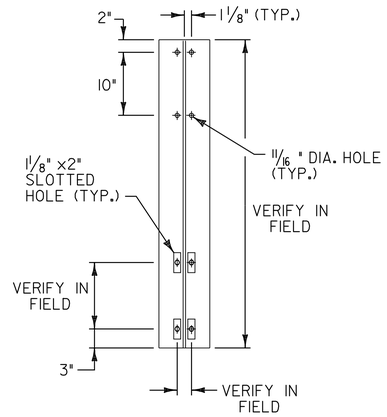
FILE NAME: p06bI60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bI60bd3.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



BR 48 WOODSTOCK MM 3.343 = STA. 176+51.04





SECTION A-A

BR 48 BRIDGE POST DETAIL

NOTES:

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

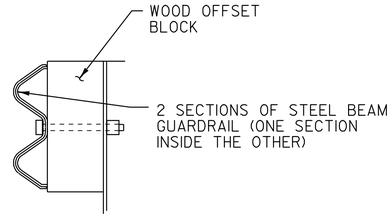
NOT TO SCALE

BRIDGE DETAIL SHEET #4

PROJECT NAME: BRIDGEWATER - - WOODSTOCK
PROJECT NUMBER: NH 26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60bd4.i

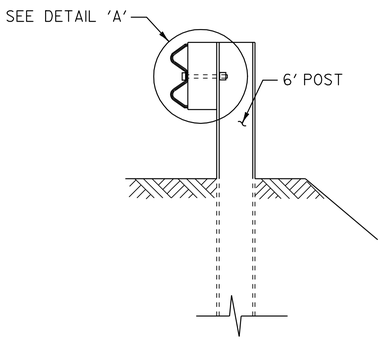
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 78 OF 80



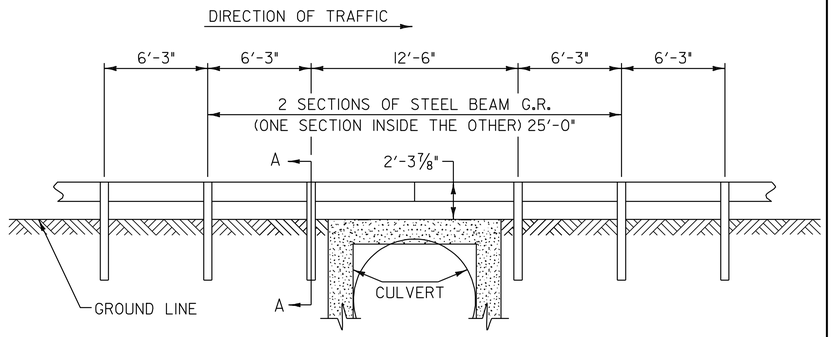
DETAIL A

NOTES

1. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED) 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.

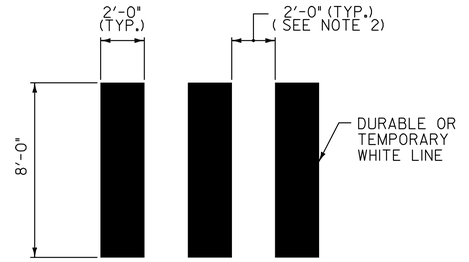


SECTION A–A



STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL

BR 45A
U.S. ROUTE 4 BRIDGEWATER 338+28.76 RT



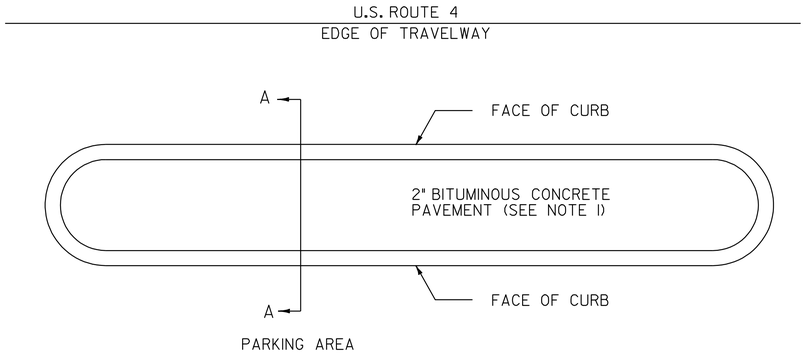
DETAIL OF CROSSWALK MARKINGS

U.S. ROUTE 4 BRIDGEWATER:
STA. 385+40.0 LT/RT

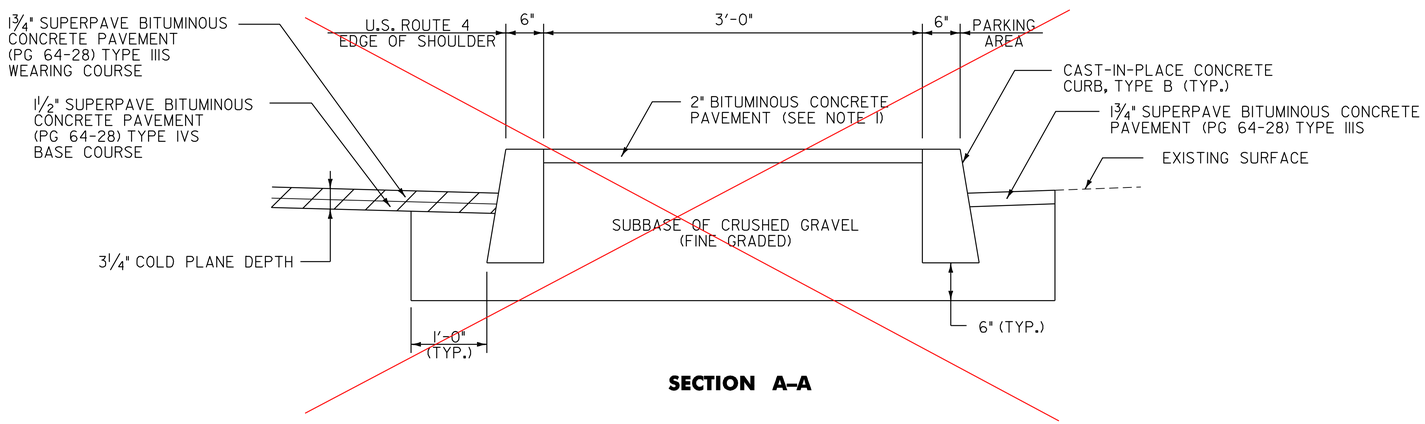
U.S. ROUTE 4 WOODSTOCK:
STA. 247+82.0 LT/RT

NOTES:

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



PLAN



SECTION A–A

BITUMINOUS CONCRETE TRAFFIC ISLAND DETAIL

U.S. ROUTE 4 WOODSTOCK:
STA. 262+93.0 - STA. 264+94.0 RT
STA. 265+51.0 - STA. 266+79.0 RT

NOTE:

1. THE CONTRACTOR SHALL CONSTRUCT THE BITUMINOUS CONCRETE TRAFFIC ISLAND BY PLACING ONE 2" LIFT OF TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. PAYMENT SHALL BE MADE UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.

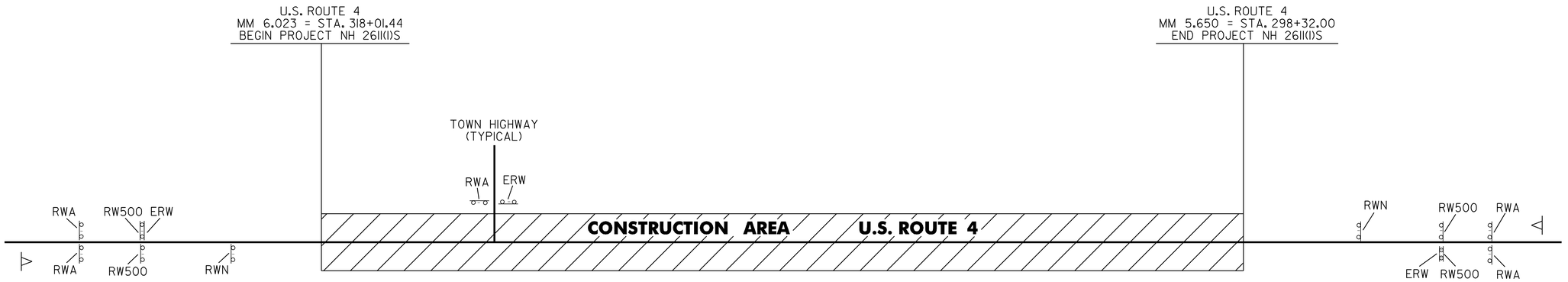
NOT TO SCALE

MISCELLANEOUS DETAILS SHEET

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH-26II(I)S

FILE NAME: p06bl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06bl60md.i

PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 79 OF 80



SIGN LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 7 MILES

◁ = PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION APPROACH SIGNING

HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
BRIDGEWATER:					
U.S. ROUTE 4 - BEGIN PROJECT	2	1	2	1	1-PORT. CHG. MSG. SIGN
GOLD COAST ROAD (TH-26)	1	1			
NORTH BRIDGEWATER ROAD (TH-3)	1	1			
TAYLOR FLATS ROAD (TH-26)	1	1			
WOODSTOCK:					
WOOLEN MILL DRIVE (TH-97)	1	1			
HILLSIDE ROAD (TH-13)	1	1			
TH-27	1	1			
WESTERDALE CUT-OFF (TH-28) - WEST	1	1			
FLETCHER MOUNTAIN ROAD (TH-35)	1	1			
WESTERDALE CUT-OFF (TH-28) - EAST	1	1			
GABERT ROAD (TH-17)	1	1			
WYMAN LAKE ROAD (TH-29)	1	1			
COX DISTRICT ROAD (TH-23)	1	1			
SENIOR LANE (TH-114) - WEST	1	1			
SENIOR LANE (TH-114) - EAST	1	1			
BARBERRY HILL ROAD (TH-30)	1	1			
SCHOOL DRIVEWAY	1	1			
MILL ROAD (TH-50)	1	1			
PROSPER ROAD (TH-30)	1	1			
THOMAS HILL ROAD (TH-81)	1	1			
MILL ROAD EXTENSION (TH-51)	1	1			
U.S. ROUTE 4 - END PROJECT	2	1	2	1	1-PORT. CHG. MSG. SIGN
TOTAL	24	22	4	2	2-PORT. CHG. MSG. SIGNS

NOTES:

1. SEE VAOT STD. E-100 FOR ADDITIONAL SIGN PLACEMENT.
2. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. RETROREFLECTIVE SHEETING SHALL BE TYPE VII OR BETTER.
6. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP 350 COMPLIANT SIGN/STAND SYSTEM.
7. PORTABLE CHANGEABLE MESSAGE SIGNS ARE OPTIONAL AND ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
8. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL.

NOT TO SCALE

CONSTRUCTION APPROACH SIGNING DETAIL SHEET

PROJECT NAME: BRIDGEWATER - WOODSTOCK
PROJECT NUMBER: NH 26II(1)S

FILE NAME: p06b160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: D.W.E.
IPARM FILE: p06b160cas.i
PLOT DATE: 28-MAY-2010
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 80 OF 80