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STATE OF VERMONT
AGENCY OF TRANSPORTATION

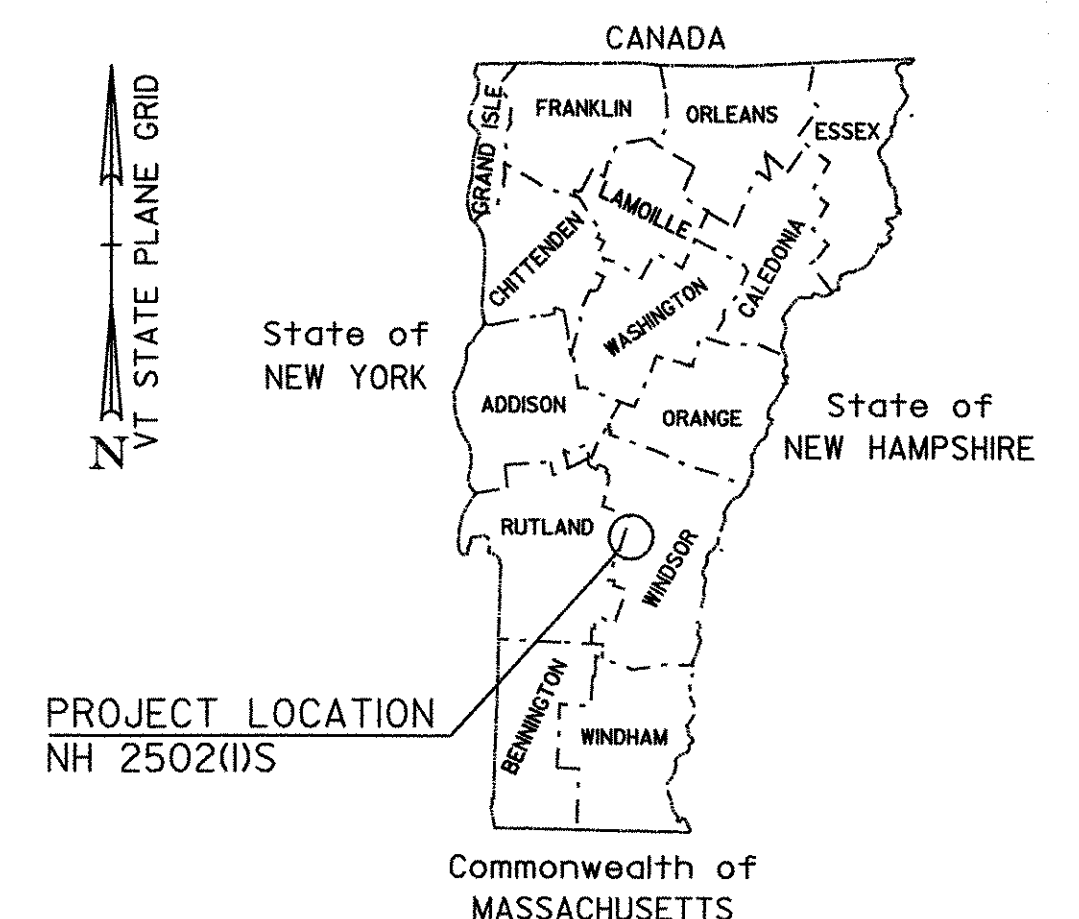


PROPOSED IMPROVEMENT
TOWNS OF KILLINGTON & BRIDGEWATER
COUNTIES OF RUTLAND & WINDSOR
U.S. ROUTE 4

BEGINNING IN THE TOWN OF KILLINGTON ON U.S. ROUTE 4 AT MILE MARKER 7.600 = STA. 401+28.00 AND EXTENDING EASTERLY
FOR A DISTANCE OF 36,743.52 FEET (6.959 MILES) TO A POINT IN THE TOWN OF BRIDGEWATER AT MILE MARKER 6.023 = STA. 318+01.44

LENGTH OF ROADWAY 36,743.52 FT (6.959 MILES)
LENGTH OF PROJECT 36,743.52 FT (6.959 MILES)

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



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	CHRIS BARKER
CONSTRUCTION BEGAN:	JULY 13, 2007
CONSTRUCTION COMPLETE:	OCTOBER 24, 2007
RECORD PLANS BY:	CHRIS BARKER & C. PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	RESIDENT ENGINEER
DATE	02/29/08
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.	

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	2,590,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-34

TRAFFIC DATA

LOCATION	ADT		DHV		ESALS	ESALS
	2007	2027	2007	2027	2007-2017	2007-2027
KILLINGTON MM 7.600 TO BRIDGEWATER MM 0.053 (BEGIN PROJECT TO VT. ROUTE 100)	6600	7600	940	1100	2,186,000	5,180,000
BRIDGEWATER MM 0.053 TO BRIDGEWATER MM 5.663 (VT. ROUTE 100 TO VT. ROUTE 100A)	4700	5400	650	750	1,641,000	3,876,000
BRIDGEWATER MM 5.663 TO BRIDGEWATER MM 6.023 (VT. ROUTE 100A TO END PROJECT)	6500	7400	730	820	1,590,000	3,757,000

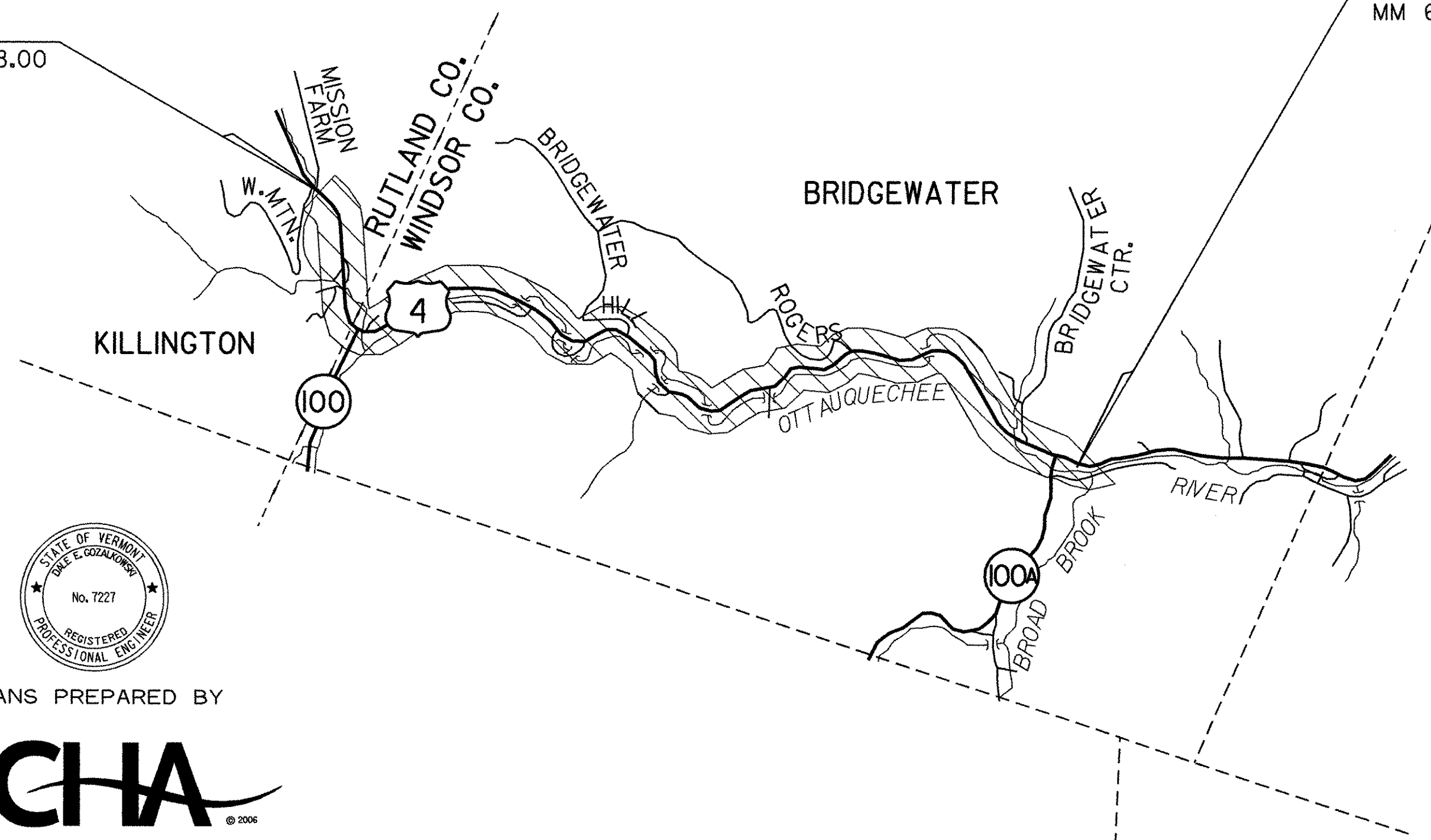
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE DIRECTOR OF PROGRAM
DEVELOPMENT.

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 1-31-07
PROJECT MANAGER : WOOLAVER	
PROJECT NAME : KILLINGTON - BRIDGEWATER	
PROJECT NUMBER : NH 2502 (I) S	
SHEET 1 OF 74 SHEETS	

BEGIN NH 2502(I)S
MM 7.600 = STA. 401+28.00

END NH 2502(I)S
MM 6.023 = STA. 318+01.44



CONVENTIONAL SYMBOLS

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

PLANS PREPARED BY

CHA

CLOUGH HARBOUR & ASSOCIATES LLP
111 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

INDEX OF SHEETS

INDEX OF SHEETS

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12	DITCH CLEANING SHEET
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	PROJECT NUMBER: NH 2502(I)S	
	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036ind.i	PLOT DATE: 15-MAY-2008 14 DRAWN BY: C.A.K. CHECKED BY: D.E.G. SHEET 2 OF 74

NOTES

1. THE WEARING COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB 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.I3 AGGREGATE SHOULDERS, RAP. ADDITIONAL AGGREGATE MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.I2 AGGREGATE SHOULDERS.
5. EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDERS, RAP AND 25 CUBIC YARDS OF EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
6. 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.
7. 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 30I.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 58-34). ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
8. AN ESTIMATED QUANTITY OF ITEM 6I9.I7 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.
9. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.

OVERLAY TYPICAL SECTION

U.S. ROUTE 4 KILLINGTON STA. 40I+28.00 TO KILLINGTON STA. ~~449+50.00~~ 448+00

U.S. ROUTE 4 BRIDGEWATER STA. 5+33.00 TO BRIDGEWATER STA. ~~298+00.00~~ 297+00

U.S. ROUTE 4 BRIDGEWATER STA. ~~304+50.00~~ 305+60 TO BRIDGEWATER STA. 3I8+0I.44

COLD PLANE TYPICAL SECTION

U.S. ROUTE 4 KILLINGTON STA. ~~448+00~~ 449+50.00 TO KILLINGTON STA. 450+70.08

U.S. ROUTE 4 BRIDGEWATER STA. 0+00.00 TO BRIDGEWATER STA. 5+33.00

U.S. ROUTE 4 BRIDGEWATER STA. ~~298+00.00~~ 297+00 TO BRIDGEWATER STA. ~~304+50.00~~ 305+60

PROJECT PAVING LIMITS

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 I0-20-I0 TO BE USED WITH SEED APPLIED AT THE RATE OF 500 LBS/ACRE (HYDRO SEEDERS MAY USE I9-I9-I9 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: KILLINGTON - BRIDGEWATER

PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn

PLOT DATE: I5-MAY-2008 I4

PROJECT LEADER: D.E.G.

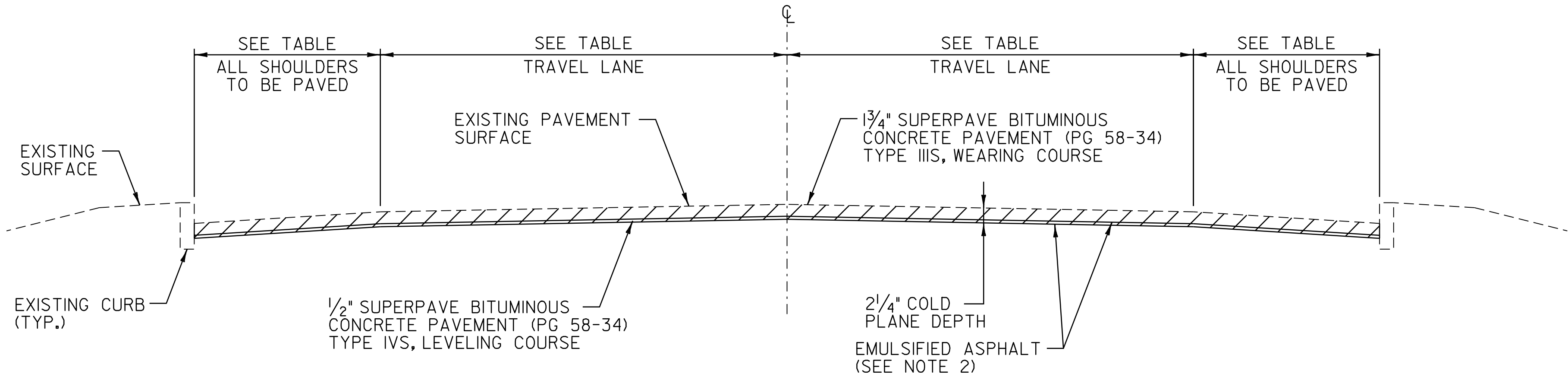
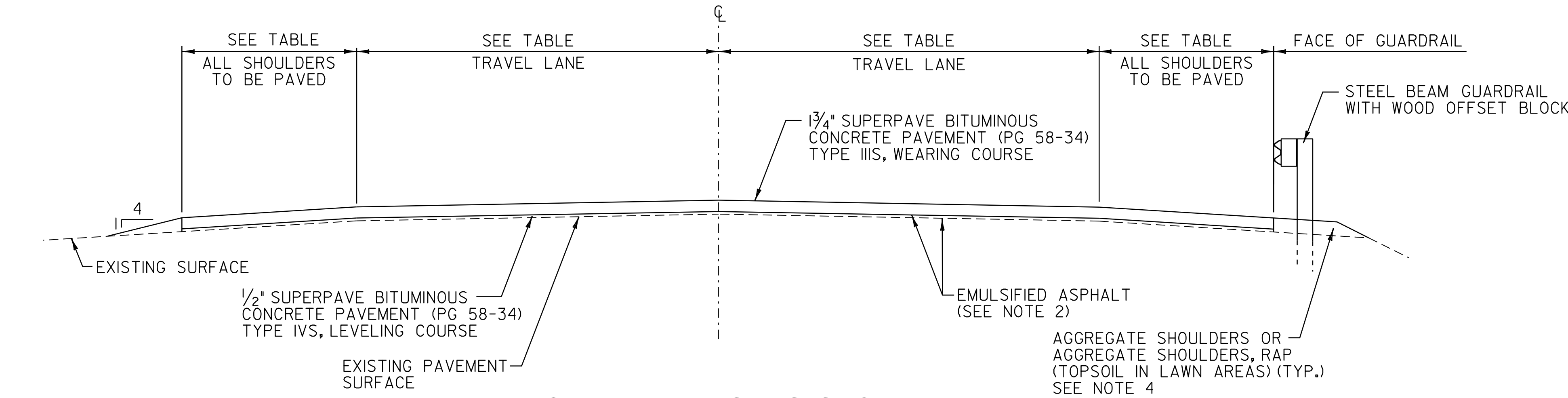
DRAWN BY: C.A.K.

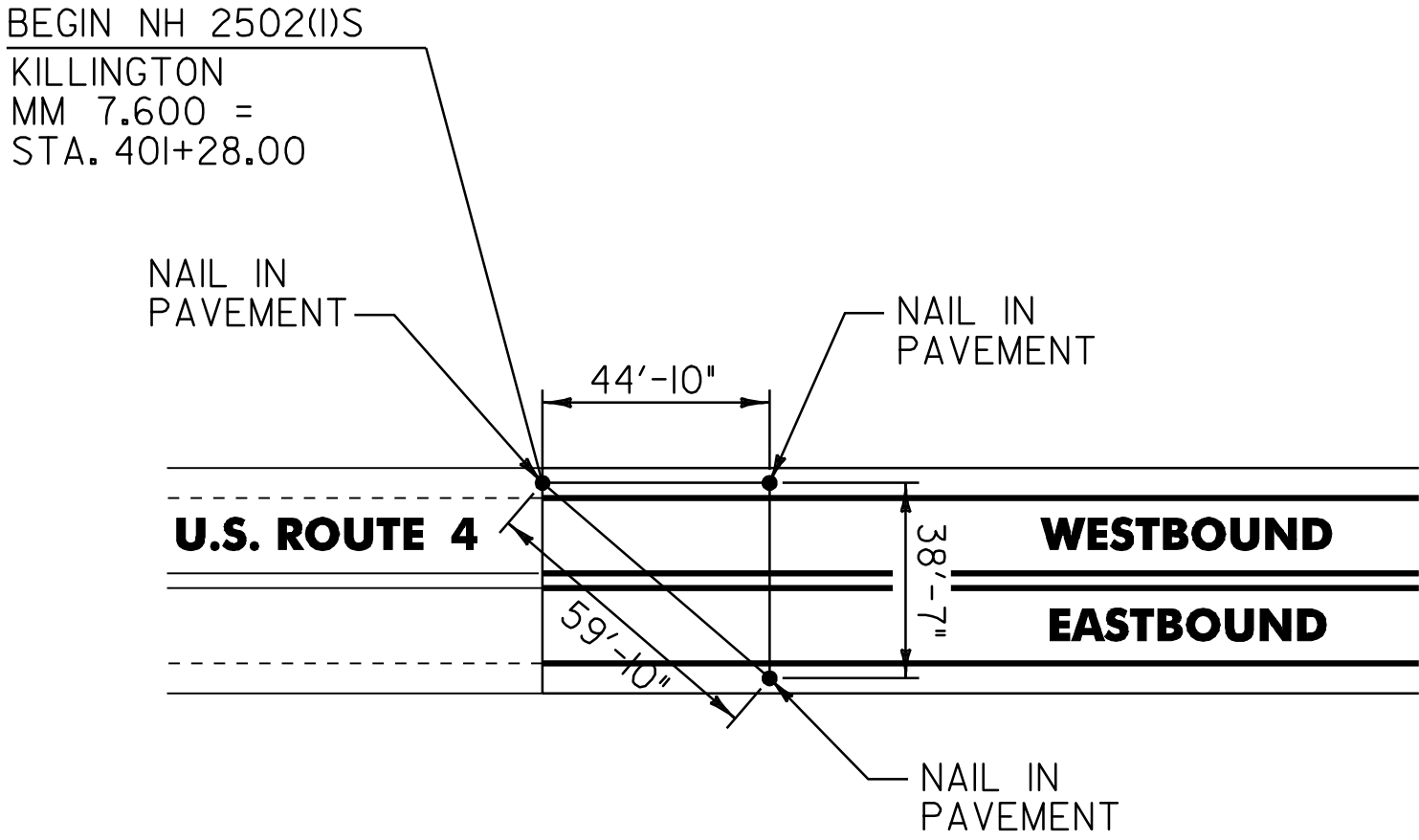
DESIGNED BY: J.S.P.

CHECKED BY: D.E.G.

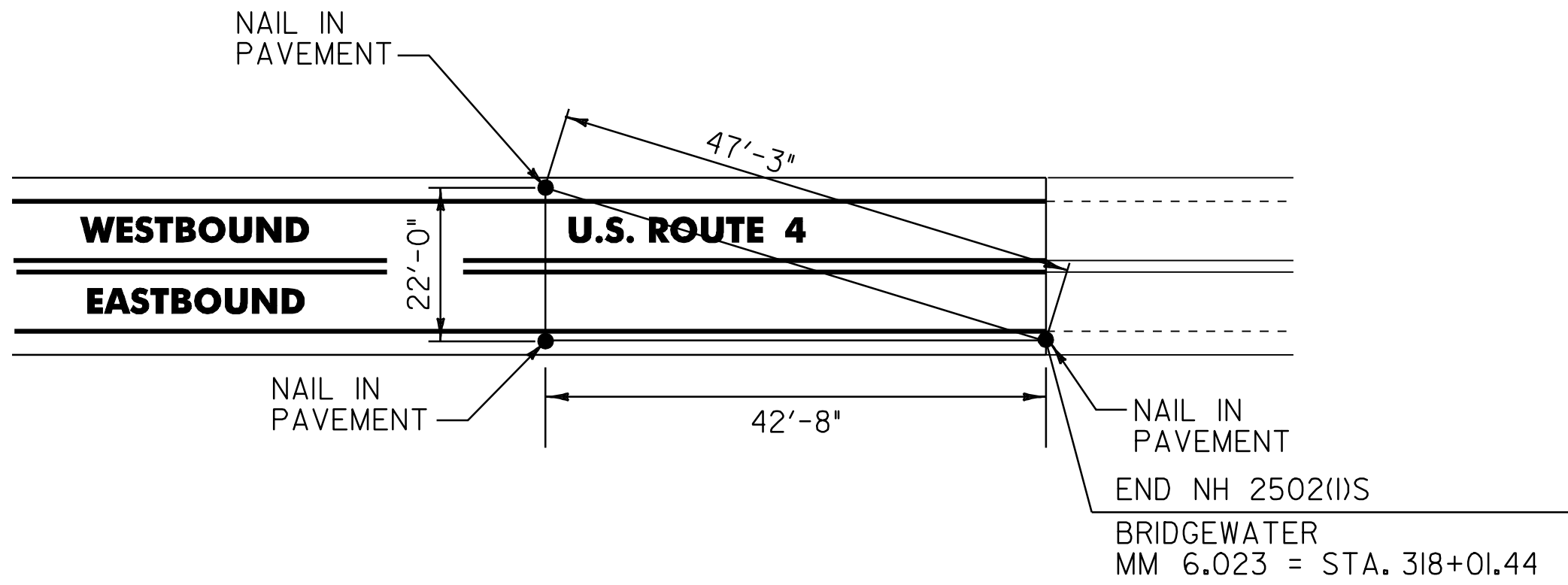
IPARM FILE: p05b036+sol.I

SHEET 3 OF 74

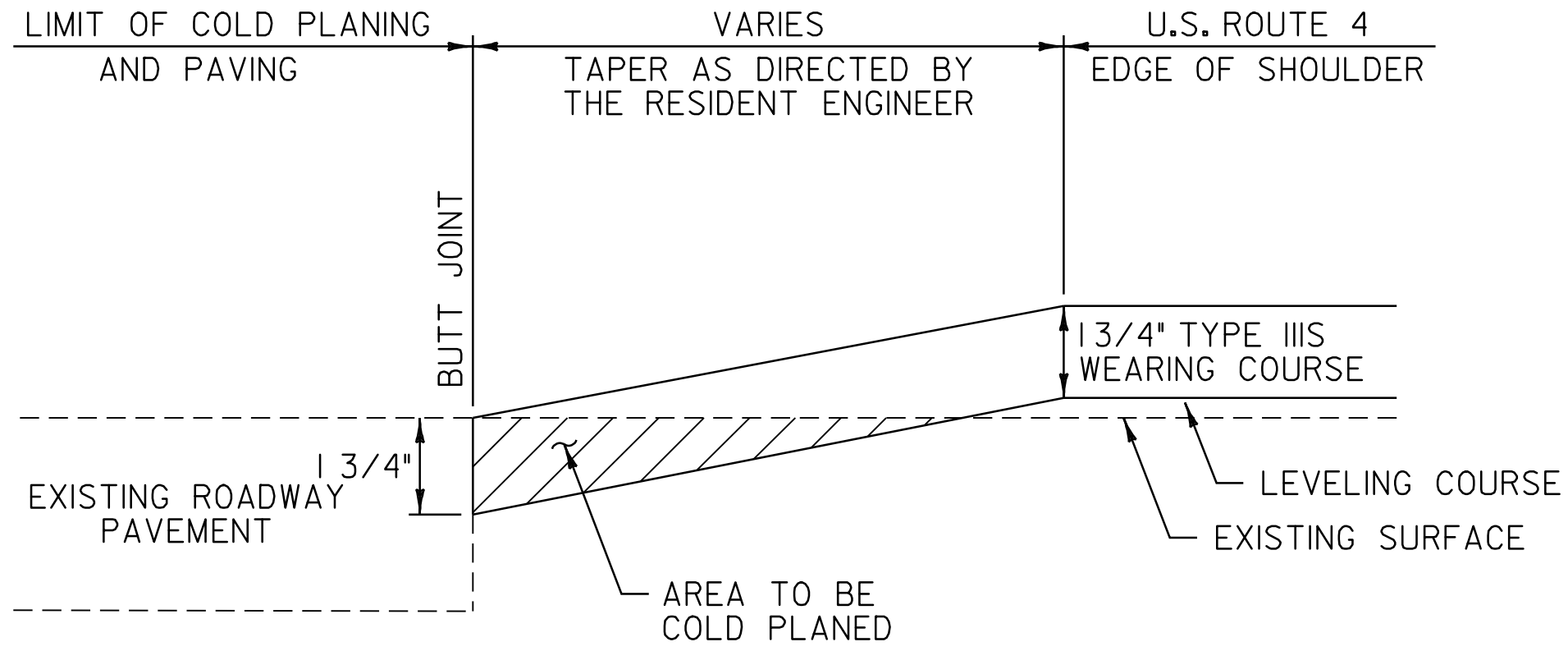




BEGIN PROJECT LOCATION TIES



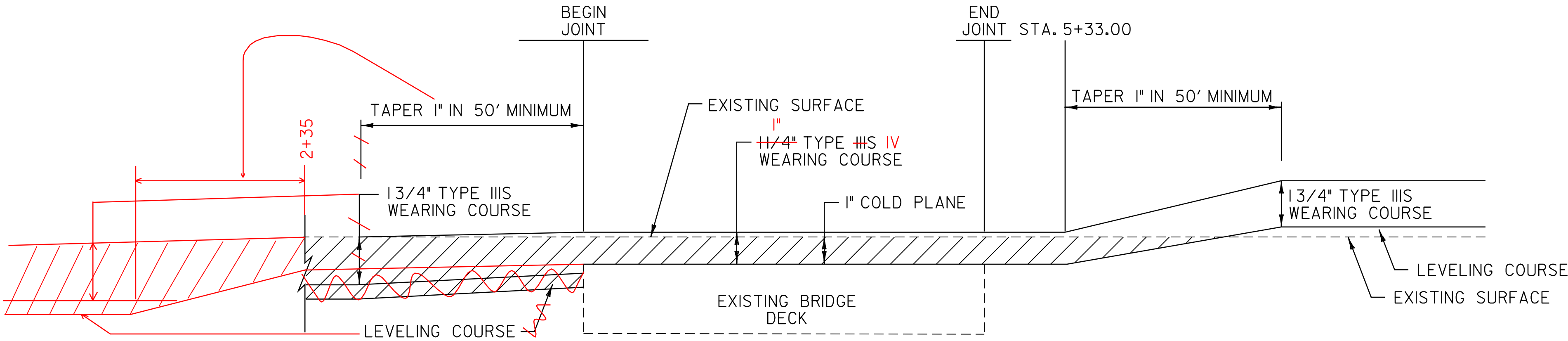
END PROJECT LOCATION TIES



APPROACH AREA DETAIL

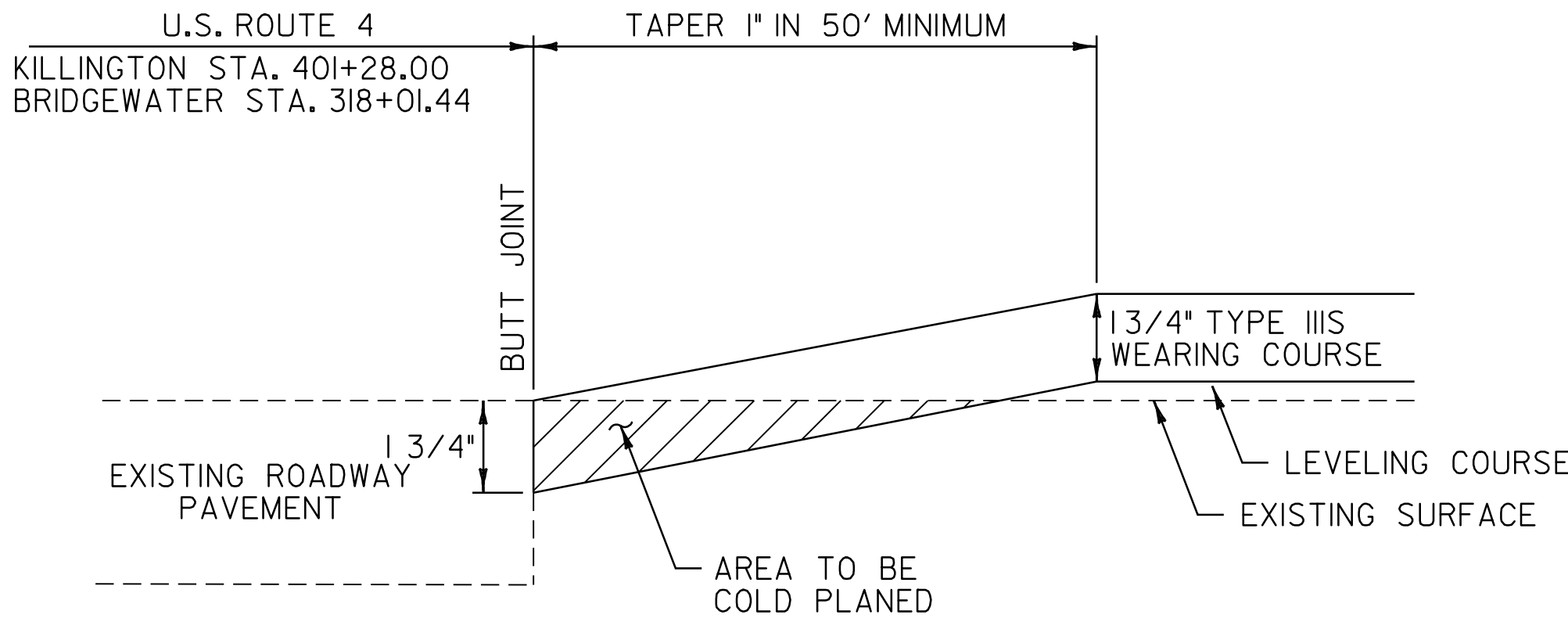
KILLINGTON: TH-39
TH-III

BRIDGEWATER: TH-39 TH-70
TH-34 TH-I
TH-4



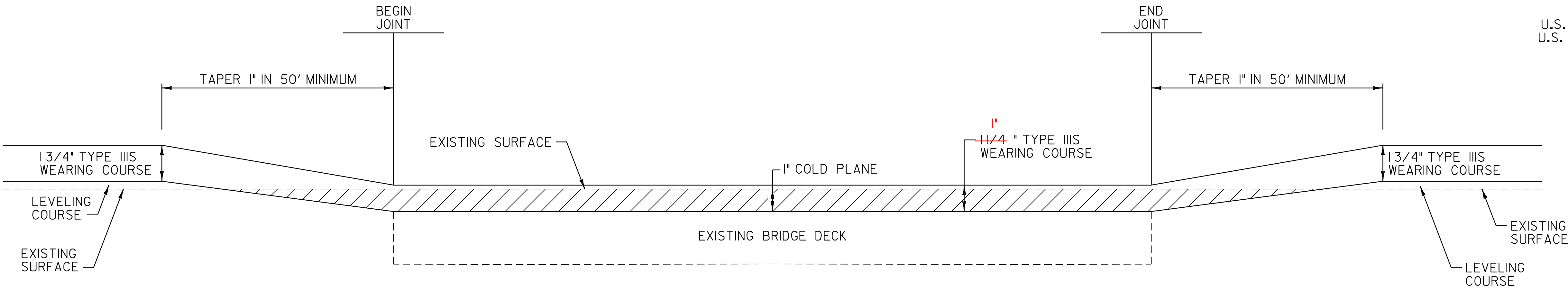
BR 35 TRANSITION AREA DETAIL

BR 35 U.S. ROUTE 4 BRIDGEWATER STA. 3+14.00 TO 5+16.00



APPROACH AREA DETAIL

U.S. ROUTE 4 KILLINGTON STA. 401+28.00 - BEGIN PROJECT
U.S. ROUTE 4 BRIDGEWATER STA. 318+01.44 - END PROJECT



BRIDGE TRANSITION AREA DETAIL

BR 34 U.S. ROUTE 4 KILLINGTON	STA. 436+41.50	TO STA. 438+28.00
BR 38 U.S. ROUTE 4 BRIDGEWATER	STA. 66+42.00	TO STA. 67+80.00
BR 39 U.S. ROUTE 4 BRIDGEWATER	STA. 84+66.50	TO STA. 86+04.00
BR 40 U.S. ROUTE 4 BRIDGEWATER	STA. 118+39.00	TO STA. 119+40.50
BR 42 U.S. ROUTE 4 BRIDGEWATER	STA. 149+91.00	TO STA. 151+57.00
BR 44 U.S. ROUTE 4 BRIDGEWATER	STA. 237+29.00	TO STA. 238+62.50
BR 45 U.S. ROUTE 4 BRIDGEWATER	STA. 282+04.50	TO STA. 283+76.00

NOT TO SCALE

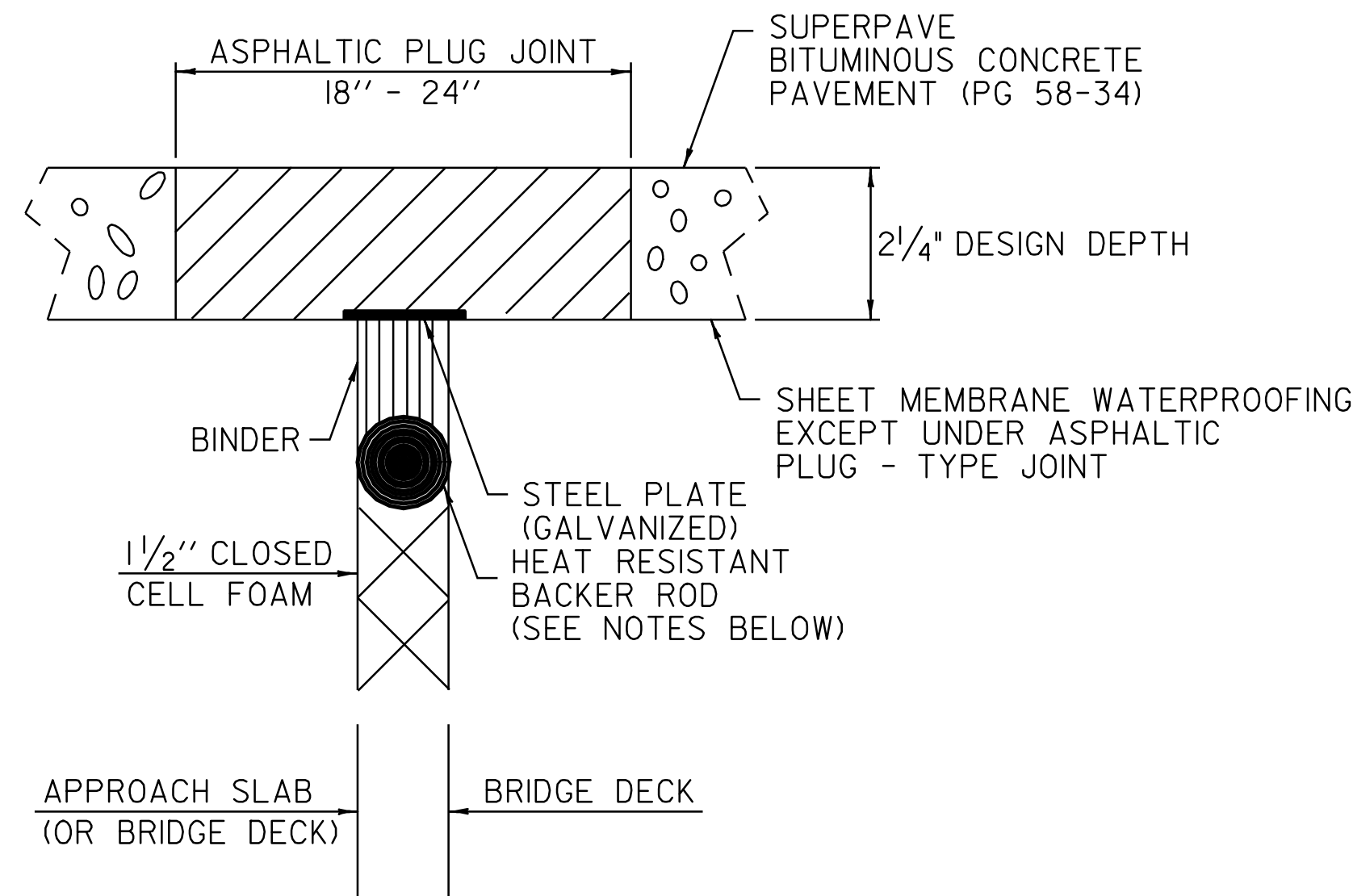
PAVING
DETAILS
SHEET #1

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036pd01.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 4 OF 74

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



ASPHALTIC PLUG-TYPE JOINT DETAIL

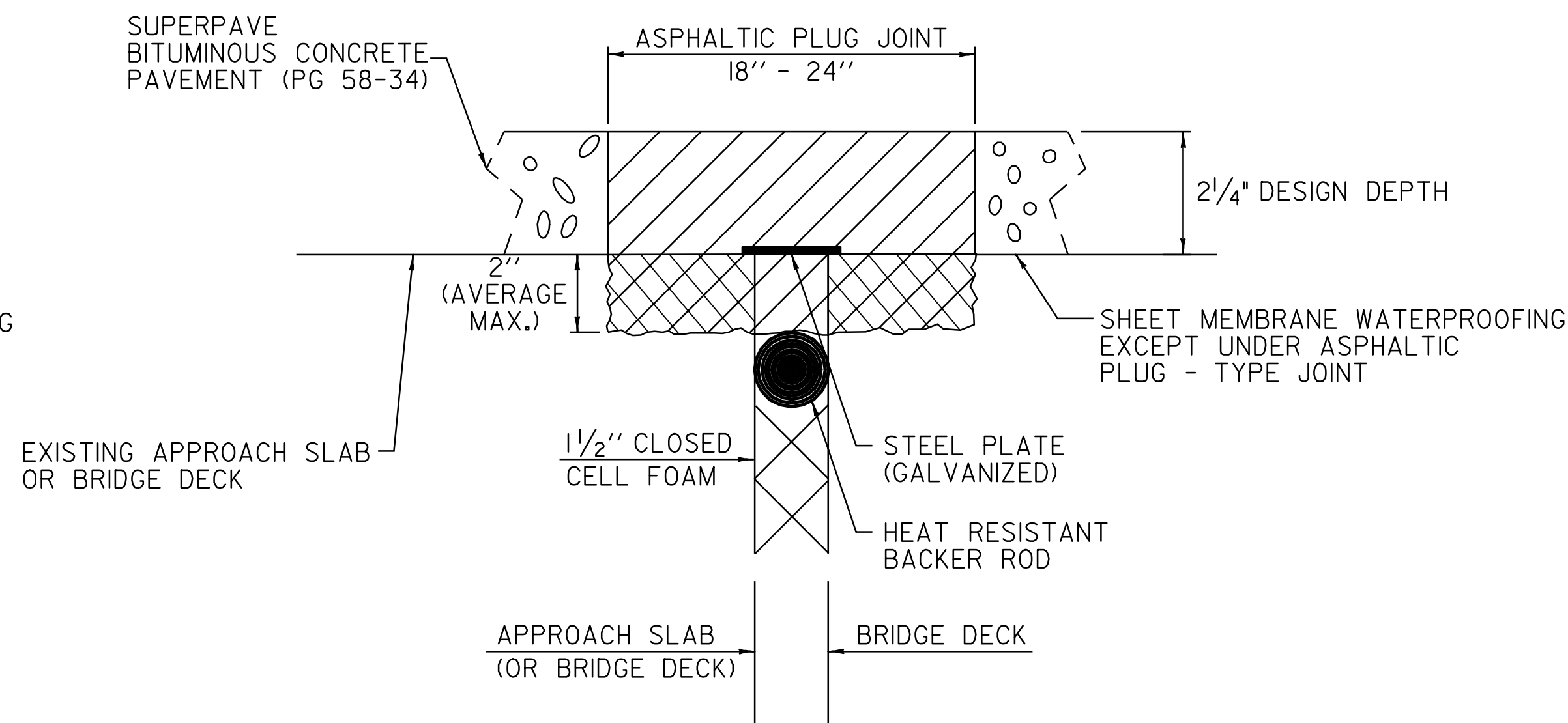
NOTES:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1 INCH +/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.
 - A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125° F +/-.

WEATHER LIMITATIONS

BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING
CONDITIONS PREVAIL:

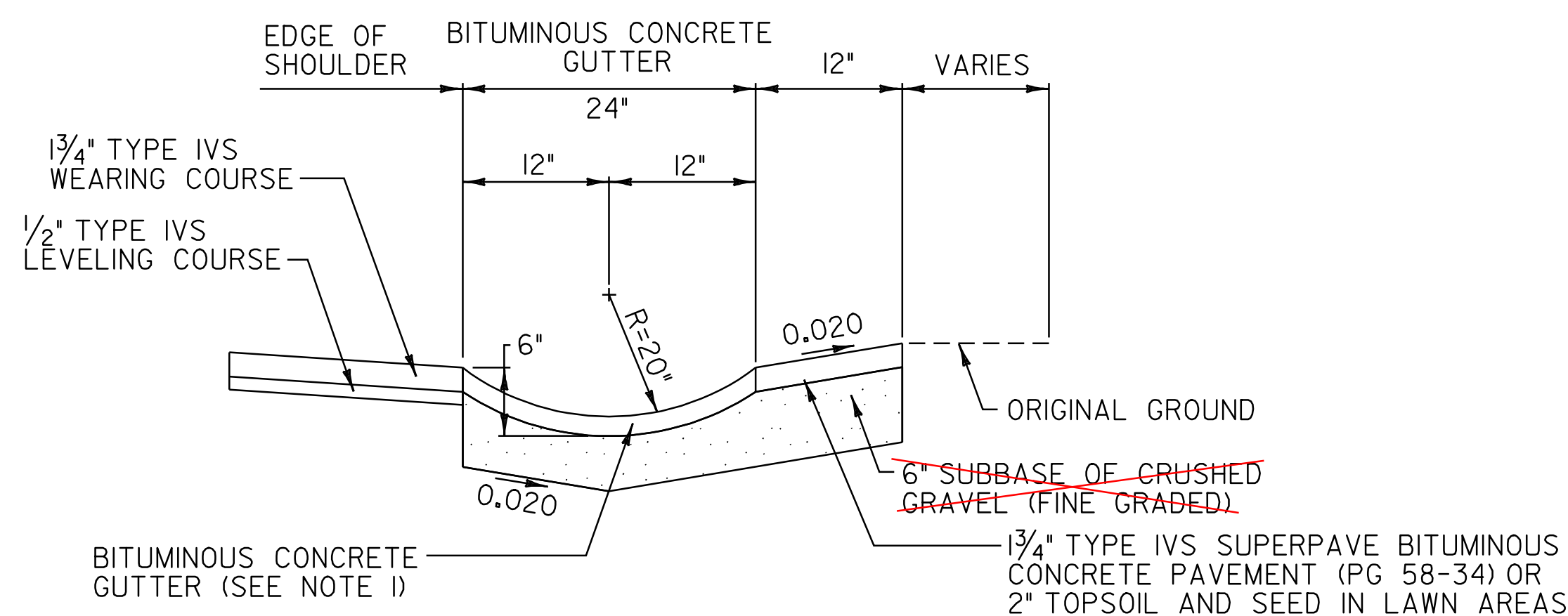
- A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50° F AND RISING.
- B. THE ROAD SURFACE IS SUFFICIENTLY DRY.
- C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF UP TO 2" DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING UP TO 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH REQUIRED TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

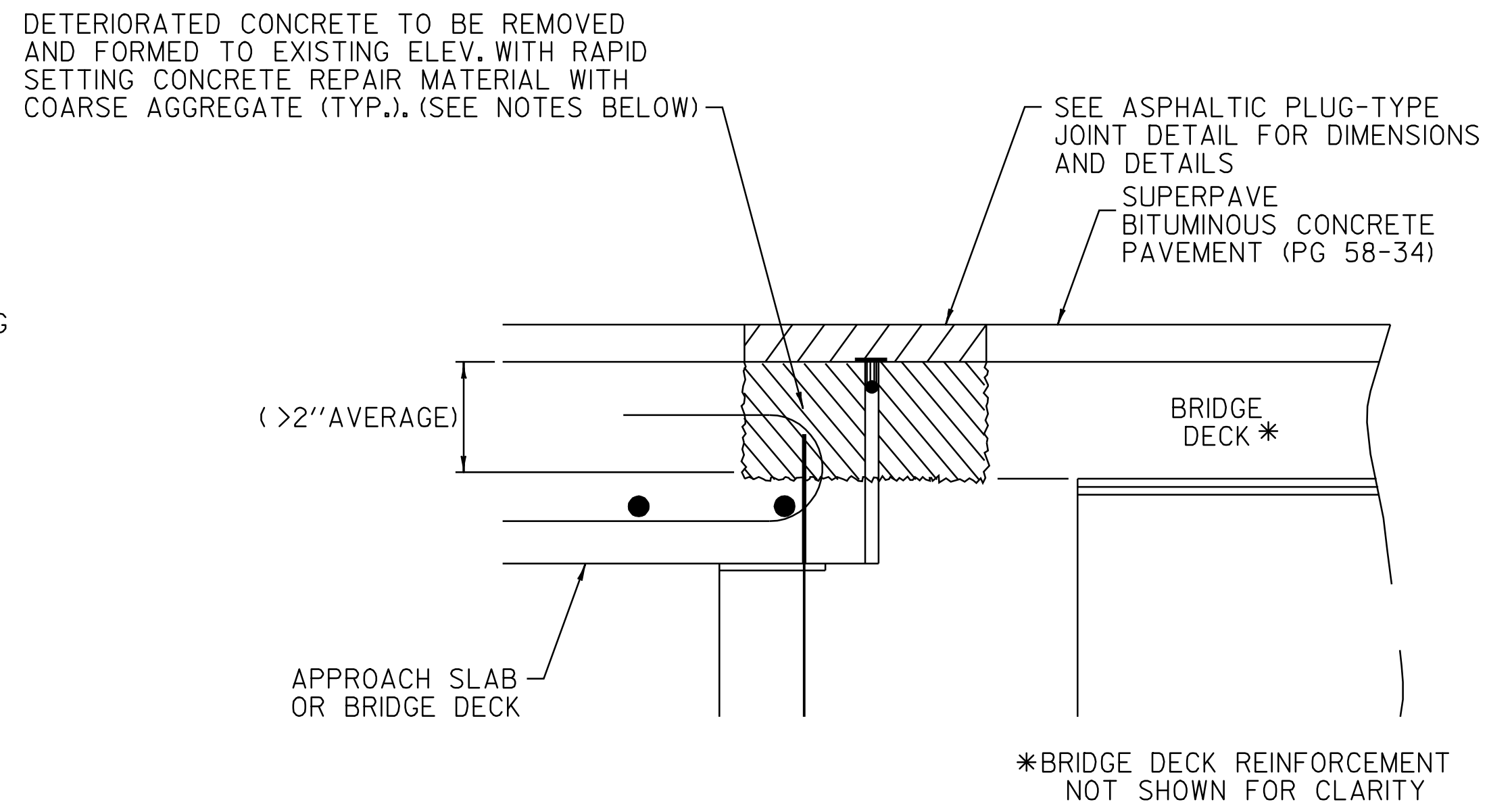


BITUMINOUS CONCRETE GUTTER DETAIL

BRIDGEWATER:
STA. 131+60.0 - STA. 131+65.0 LT (1.0 TON)

NOTE:

BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-3/4" TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAYEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF >2" DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING GREATER THAN 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

BRIDGE JOINTS				
U.S. ROUTE	4	KILLINGTON	STA. 436+41.50	(59') 60'
U.S. ROUTE	4	KILLINGTON	STA. 436+95.50	(59')
U.S. ROUTE	4	KILLINGTON	STA. 437+75.00	(59') 62'
U.S. ROUTE	4	KILLINGTON	STA. 438+28.00	(59') 60'
U.S. ROUTE	4	BRIDGEWATER	STA. 3+14.00	(78') 84'
U.S. ROUTE	4	BRIDGEWATER	STA. 5+16.00	(50') 51'
U.S. ROUTE	4	BRIDGEWATER	STA. 66+42.00	(43')
U.S. ROUTE	4	BRIDGEWATER	STA. 67+80.00	(43')
U.S. ROUTE	4	BRIDGEWATER	STA. 84+66.50	(30') 31'
U.S. ROUTE	4	BRIDGEWATER	STA. 86+04.00	(30')
U.S. ROUTE	4	BRIDGEWATER	STA. 118+39.00	(31')
U.S. ROUTE	4	BRIDGEWATER	STA. 119+40.50	(30')
U.S. ROUTE	4	BRIDGEWATER	STA. 149+91.00	(47') 49'
U.S. ROUTE	4	BRIDGEWATER	STA. 151+57.00	(37') 41'
U.S. ROUTE	4	BRIDGEWATER	STA. 237+29.00	(50')
U.S. ROUTE	4	BRIDGEWATER	STA. 237+94.50	(46')
U.S. ROUTE	4	BRIDGEWATER	STA. 238+62.50	(42')
U.S. ROUTE	4	BRIDGEWATER	STA. 282+04.50	(36')
U.S. ROUTE	4	BRIDGEWATER	STA. 283+76.00	(33') 35'
BRIDGEWATER			85+35	30'
			150+74	43'

NOT TO SCALE

PAVING DETAILS SHEET #2

PROJECT NAME:	KILLINGTON - BRIDGEWATER
PROJECT NUMBER:	NH 2502(I)S

FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 1
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05b036pd02.i	SHEET 5 OF 74

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

[illegible][illegible]

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

[illegible][illegible][illegible]

ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL							MISCELLANEOUS					REMARKS	
BEGIN STATION	END STATION	POS.	621.20 S.B GUARDRAIL GALV. LF	621.21 HD, SB, GUARDRAIL GALV. LF	621.205 S.B. GR. GALV. W/8' POSTS LF	621.50 MANUF. TERM. SECT. FLARED EA	621.60 ANCHOR FOR S.B. RAIL EA	621.70 GUARDRAIL APPR. SECT GALV. TYP I EA	621.71 GUARDRAIL APPR. SECT GALV. TYP II EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	203.30 EARTH BARROW CY	402.12 & 402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHAB. DI, CB, MH CLASS I EA	616.35 TREATED TIMBER CURB LF		676.10 DELINEATOR WITH STEEL POST EA
BRIDGEWATER:																
280+37.0	281+86.5	LT	62.5			I		I		150.0 -153.5-	25	5			I	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 280+37.0 TO STA. 280+74.5. BEGIN APPROACH SECTION, TYPE I AT STA. 281+36.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 281+86.5. SEE SHEET 63 & 64 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 72 FOR BR 45 DETAILS.
280+87.5 280+80.5	282+12 282+05.5	RT	37.5			I		I		125.0 +20.5-	25	5			I	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 280+80.5 TO STA. 281+8.0. BEGIN APPROACH SECTION, TYPE I AT STA. 281+55.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 282+05.5. SEE SHEET 63 & 64 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 72 FOR BR 45 DETAILS.
283+75.5	285+13.0	LT	50.0			I		I		75.0 -76.5-	25	5			I	CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 283+75.5 AND END AT STA. 284+25.5. SEE SHEETS 63 & 64 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 72 FOR BR 45 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 284+75.5 TO STA. 285+13.0.
283+93 283+92.5	285+18 285+17.5	RT	37.5			I		I		75.0 -73.5-	25	5			I	CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 283+92.5 AND END AT STA. 284+42.5. SEE SHEETS 63 & 64 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 72 FOR BR 45 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 284+80.0 TO STA. 285+17.5.
298+81.0 304+03		LT											I			
304+03.5	305+41.0	LT	62.5			2				100.0 +103.0-	50	10			2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 304+03.5 TO STA. 304+41.0 & STA. 305+03.5 TO STA. 305+41.0.
304+85.5	309+48.0	RT	387.5			2				450.0 -452.0-	50	10			2	INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 304+85.5 TO STA. 305+23.0 & STA. 309+10.5 TO STA. 309+48.0.
SHEET SUBTOTALS			637.5	-	-	8	-	4	-	979.0						

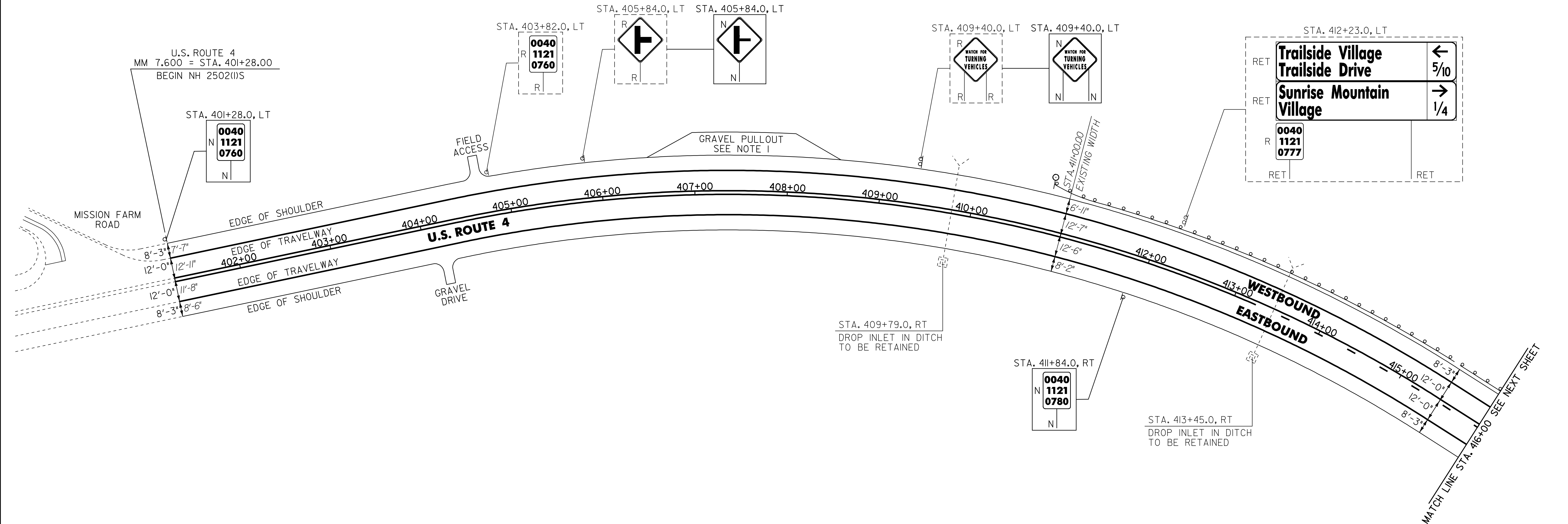
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 401+28.00 - STA. 416+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
KILLINGTON:
STA. 401+28.00 - STA. 413+15.00 LT S - S
STA. 413+15.00 - STA. 416+00.00 RT S - D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 401+28.00 - STA. 416+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
KILLINGTON:
STA. 401+28.00 - STA. 413+15.00 LT S - S
STA. 413+15.00 - STA. 416+00.00 RT S - D

675.50 REMOVING SIGNS
AS SHOWN - 4



621.20 STEEL BEAM GUARDRAIL

415+55.5 - 416+00 LT
413+55.5 - 414+55.5 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

KILLINGTON: 415+55.5 411+05.5 - 413+55.5
STA. 411+18.0 - STA. 416+00.0 LT (482.0 LF)
414+55.5

621.50 MANUFACTURED TERMINAL SECTION, FLARED

KILLINGTON:
STA. 410+80.5 - STA. 411+18.0 LT
68.5 411+05.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

KILLINGTON:
STA. 411+29.0 - STA. 416+00.0 LT (471.0 LF)

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

NOTES:

1. PROVIDE A 5 FT WIDE, 1 3/4" TYPE III 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).
2. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #1

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn PLOT DATE: 15-MAY-2008 14
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: J.S.P. CHECKED BY: D.E.G.
IPARM FILE: p05b036I01.i SHEET 13 OF 74

~~676.10 DELINEATOR WITH STEEL POST
9 TYPE I WHITE~~

~~KILLINGTON:
STA. 410+80.5 LT~~

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 416+00.00 - STA. 432+00.00 LT & RT

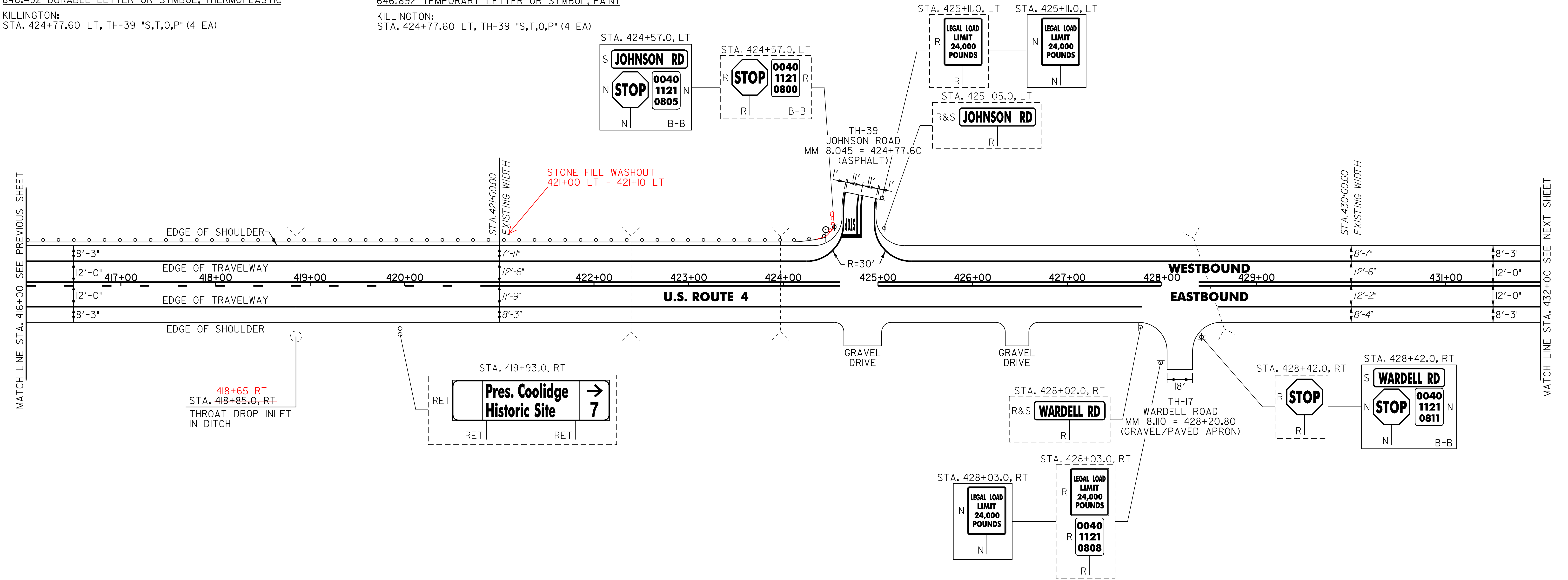
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
KILLINGTON:
STA. 416+00.00 - STA. 420+80.00 LT ☉ RT
STA. 416+00.00 - STA. 420+80.00 S - D
STA. 420+80.00 - STA. 432+00.00 S - S
STA. 424+77.60 DOUBLE SOLID LT, TH-39

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
KILLINGTON:
STA. 424+77.60 LT, TH-39
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
KILLINGTON:
STA. 424+77.60 LT, TH-39 "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)
KILLINGTON:
STA. 416+00.00 - STA. 432+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
KILLINGTON:
STA. 416+00.00 - STA. 420+80.00 LT ☉ RT
STA. 416+00.00 - STA. 420+80.00 S - D
STA. 420+80.00 - STA. 432+00.00 S - S
STA. 424+77.60 DOUBLE SOLID LT, TH-39

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
KILLINGTON:
STA. 424+77.60 LT, TH-39
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
KILLINGTON:
STA. 424+77.60 LT, TH-39 "S,T,O,P" (4 EA)



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS J
KILLINGTON:
STA. 418+85.0 RT
~~621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~
KILLINGTON:
~~STA. 416+00.0 - STA. 424+30.5 LT (830.5 LF)~~
~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~KILLINGTON:~~
~~STA. 424+30.5 - STA. 424+68.0 LT~~
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
KILLINGTON:
STA. 416+00.0 - STA. 424+68.0 LT (868.0 LF)

676.10 DELINEATOR WITH STEEL POST
☉ TYPE 1 WHITE
KILLINGTON:
STA. 424+68.0 LT

621.60 ANCHOR FOR STEEL BEAM GUARDRAIL
424+11.5 LT
424+52.5 LT

621.20 STEEL BEAM GUARDRAIL
416+00 - 424+56 LT

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

- NOTES:
- 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.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

PROJECT LAYOUT SHEET #2	NOT TO SCALE	
	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(1)S	
FILE NAME: p05b036.dgn		PLOT DATE: 15-MAY-2008 14
PROJECT LEADER: D.E.G.		DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.		CHECKED BY: D.E.G.
IPARM FILE: p05b036I02.i		SHEET 14 OF 74

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 432+00.00 - STA. 448+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
KILLINGTON:
STA. 432+00.00 - STA. 448+00.00 LT C RT
STA. 435+33.60 DOUBLE SOLID LT, TH-39 S - S
STA. 438+50.40 DOUBLE SOLID RT, TH-III S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 432+00.00 - STA. 448+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
KILLINGTON:
STA. 432+00.00 - STA. 448+00.00 LT C RT
STA. 435+33.60 DOUBLE SOLID LT, TH-39 S - S
STA. 438+50.40 DOUBLE SOLID RT, TH-III S

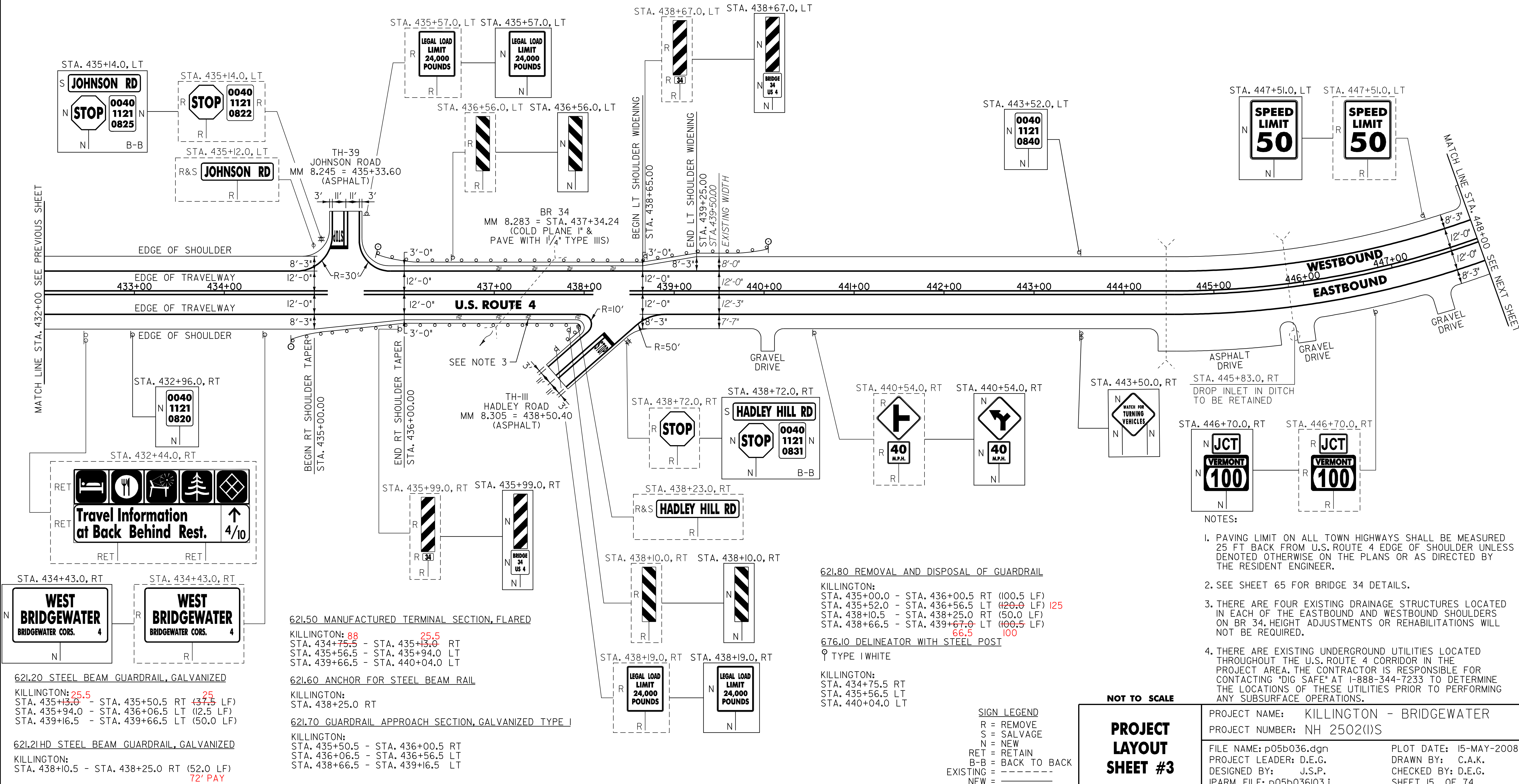
646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
KILLINGTON:
STA. 435+33.60 LT, TH-39
STA. 438+50.40 RT, TH-III

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
KILLINGTON:
STA. 435+33.60 LT, TH-39 "S,T,O,P" (4 EA)
STA. 438+50.40 RT, TH-III "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
KILLINGTON:
STA. 435+33.60 LT, TH-39
STA. 438+50.40 RT, TH-III

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
KILLINGTON:
STA. 435+33.60 LT, TH-39 "S,T,O,P" (4 EA)
STA. 438+50.40 RT, TH-III "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS AS SHOWN - 19
675.60 ERECTING SALVAGED SIGNS AS SHOWN - 2



646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

BRIDGEWATER:
STA. 2+79.84 RT, VT. ROUTE 100

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

BRIDGEWATER:
STA. 2+79.84 RT, VT. ROUTE 100 "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

BRIDGEWATER:
STA. 2+79.84 RT, VT. ROUTE 100

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

BRIDGEWATER:
STA. 2+79.84 RT, VT. ROUTE 100 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS

AS SHOWN - 33

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 448+00.00 - STA. 450+70.08 LT & RT

BRIDGEWATER:
STA. 0+00.00 - STA. 4+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
KILLINGTON:
STA. 448+00.00 - STA. 450+70.08 LT C RT
S - S

BRIDGEWATER:
STA. 0+00.00 - STA. 4+50.00 S - S
STA. 2+79.84 MEDIAN EDGE LINE RT, VT. ROUTE 100

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
KILLINGTON:
STA. 448+00.00 - STA. 450+70.08 LT & RT

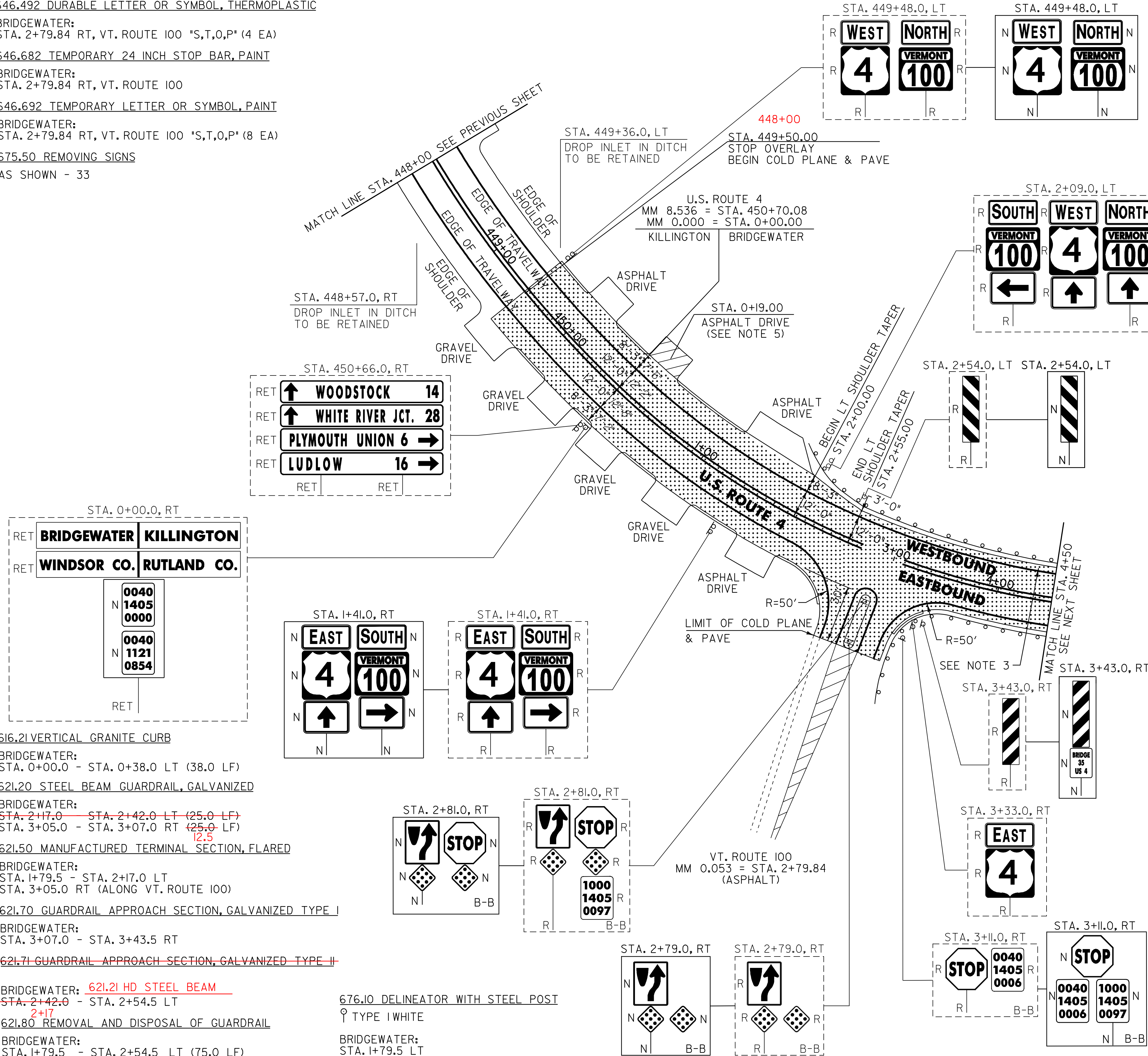
BRIDGEWATER:
STA. 0+00.00 - STA. 4+50.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
KILLINGTON:
STA. 448+00.00 - STA. 450+70.08 LT C RT
S - S

BRIDGEWATER:
STA. 0+00.00 - STA. 4+50.00 S - S
STA. 2+79.84 MEDIAN EDGE LINE RT, VT. ROUTE 100

646.81 PAINTED CURB

BRIDGEWATER:
STA. 2+79.84 RAISED MEDIAN RT, VT. ROUTE 100 (70 FT)



AREA TO BE COLD PLANED & PAVED

NOTES:

- PAVING LIMIT ON ALL STATE 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.
- SEE SHEET 66 FOR BRIDGE 35 DETAILS.
- THERE ARE FIVE EXISTING DRAINAGE STRUCTURES LOCATED IN THE WESTBOUND SHOULDER ON BR 35. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.
- THE CONTRACTOR SHALL REMOVE THE EXISTING DRIVEWAY AS DIRECTED BY THE RESIDENT ENGINEER. ESTIMATE QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATION RENTAL, TYPE I; ITEM 616.21 VERTICAL GRANITE CURB; ITEM 651.15 SEED AND ITEM 651.35 TOPSOIL HAVE BEEN INCLUDED TO PAY FOR THIS WORK AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #4

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036104.1

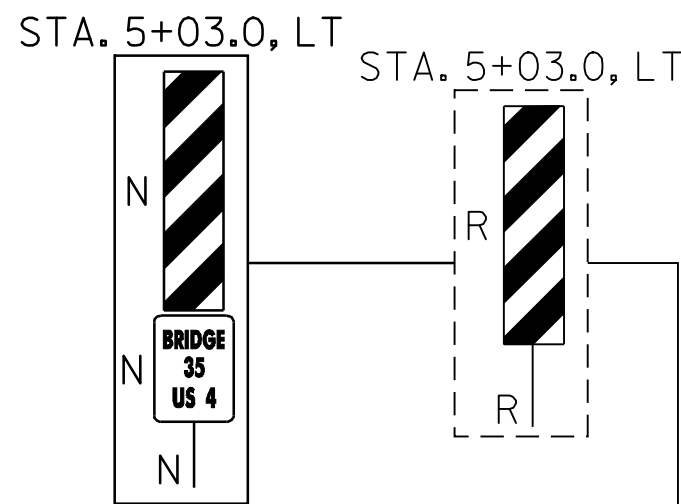
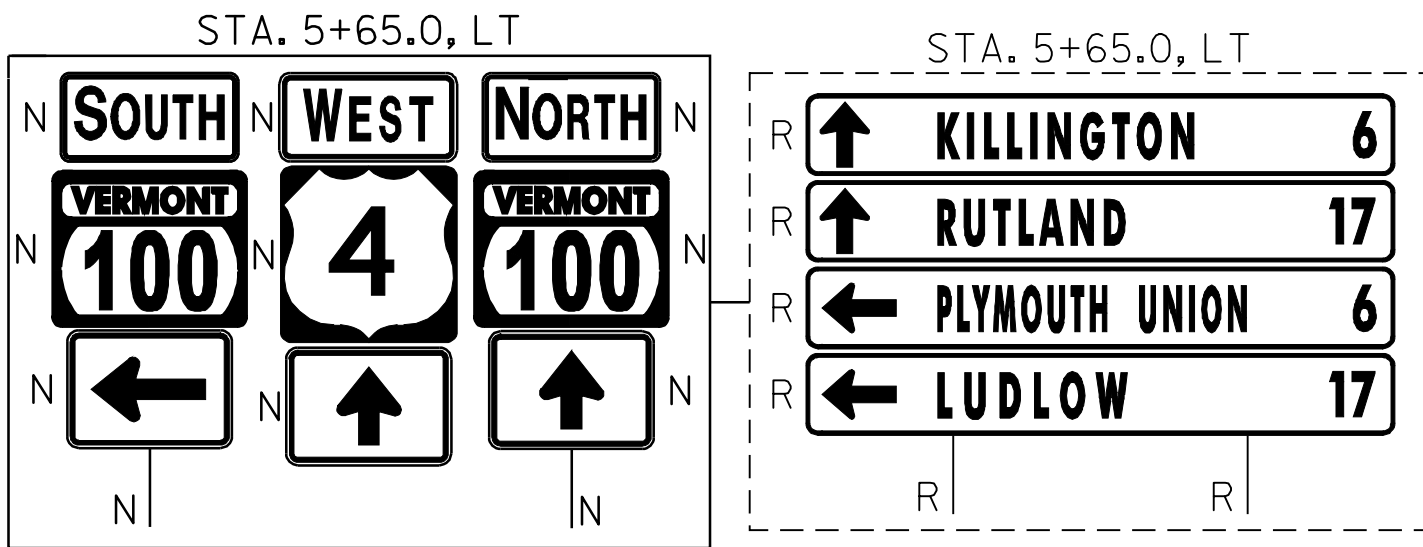
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 16 OF 74

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS
BRIDGEWATER:
STA. 4+50.00 - 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
BRIDGEWATER:
STA. 4+50.00 - STA. 9+00.00 LT ☉ RT
STA. 9+00.00 - STA. 16+00.00 S - S
STA. 5+96.64 DOUBLE SOLID LT, TH-39

646.602 TEMPORARY 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS
BRIDGEWATER:
STA. 4+50.00 - STA. 16+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 4+50.00 - STA. 9+00.00 LT ☉ RT
STA. 9+00.00 - STA. 16+00.00 S - S
STA. 5+96.64 DOUBLE SOLID LT, TH-39



STD. 5+33.00
END COLD PLANE & PAVE
RESUME OVERLAY

MATCH LINE STA. 4+50 SEE PREVIOUS SHEET
SEE NOTE 3

BEGIN RT SHOULDER WIDENING
STA. 5+45.00

BEGIN LT SHOULDER WIDENING
STA. 5+00.00

END RT SHOULDER WIDENING
STA. 6+00.00

END LT SHOULDER WIDENING
STA. 6+50.00

TH-39
CRAM ROAD
0.113 = STA. 5+96.64
(ASPHALT)

GRAVEL DRIVE

R=30'

R=30'

7+00

8+00

9+00

10+00

11+00

12+00

13+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

24+00

25+00

26+00

27+00

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31+00

32+00

33+00

34+00

35+00

36+00

37+00

38+00

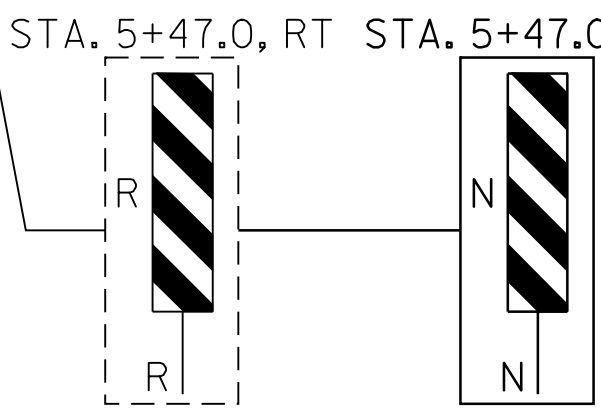
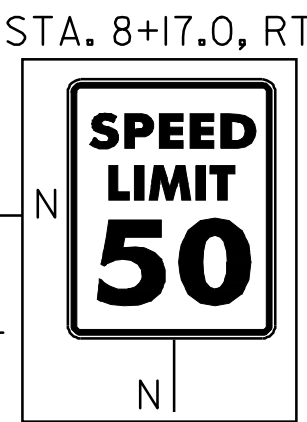
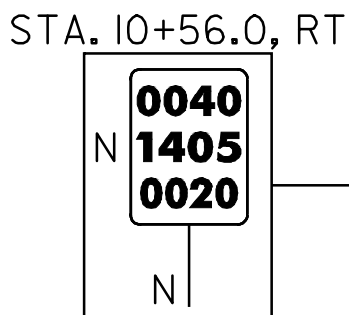
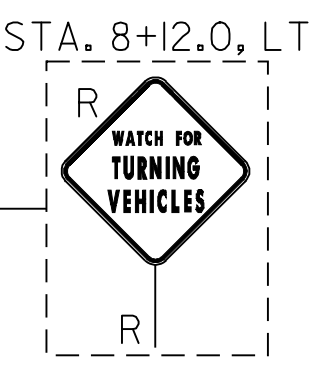
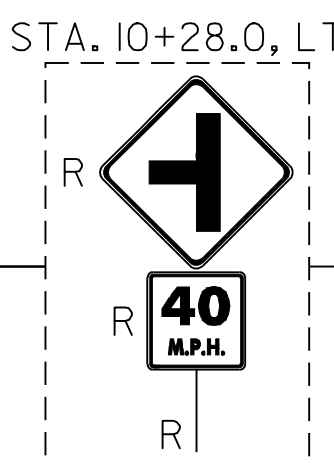
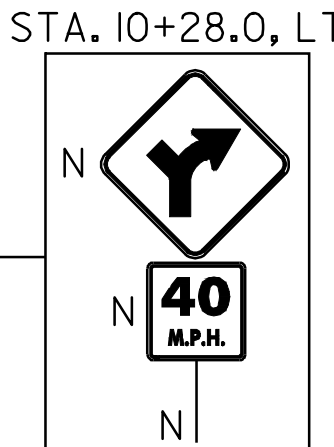
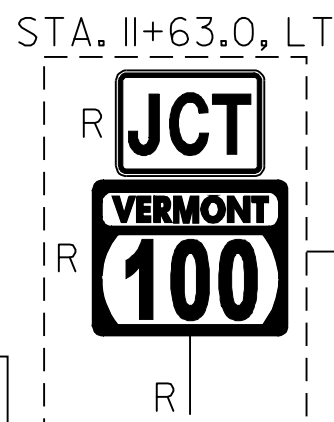
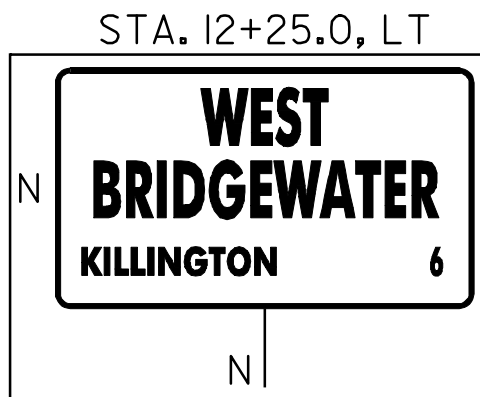
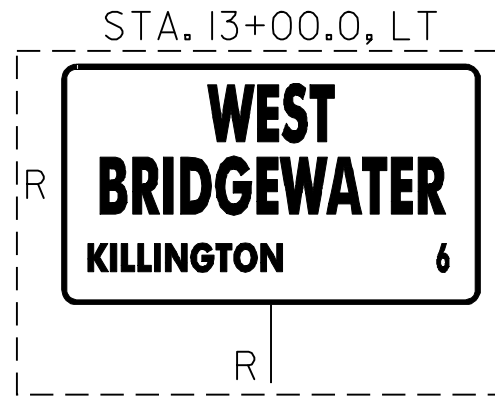
39+00

40+00

41+00

NOTES:

- 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.
- SEE SHEET 66 FOR BRIDGE 35 DETAILS.
- THERE ARE FIVE EXISTING DRAINAGE STRUCTURES LOCATED IN THE WESTBOUND SHOULDER ON BR 35. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.



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: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036i05.i
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 17 OF 74

AREA TO BE COLD PLANED & PAVED

621.60 ANCHOR FOR STEEL BEAM
5+64.5 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER:
STA. 5+96.5 - STA. 12+59.0 RT (662.5 LF)
5+32.5 - 5+75.5 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 5+52.5 - STA. 5+75.0 LT
STA. 12+59.0 - STA. 12+96.5 RT
96.5 13+34

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

BRIDGEWATER:
STA. 5+02.5 - STA. 5+52.5 LT
STA. 5+46.5 - STA. 5+96.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 5+02.5 - STA. 5+75.0 LT (75.0 LF)
STA. 5+46.5 - STA. 12+96.5 RT (748.5 LF)
13+21.5 775

676.10 DELINEATOR WITH STEEL POST
9 TYPE I WHITE

BRIDGEWATER:
STA. 5+75.0 LT
STA. 12+96.5 RT

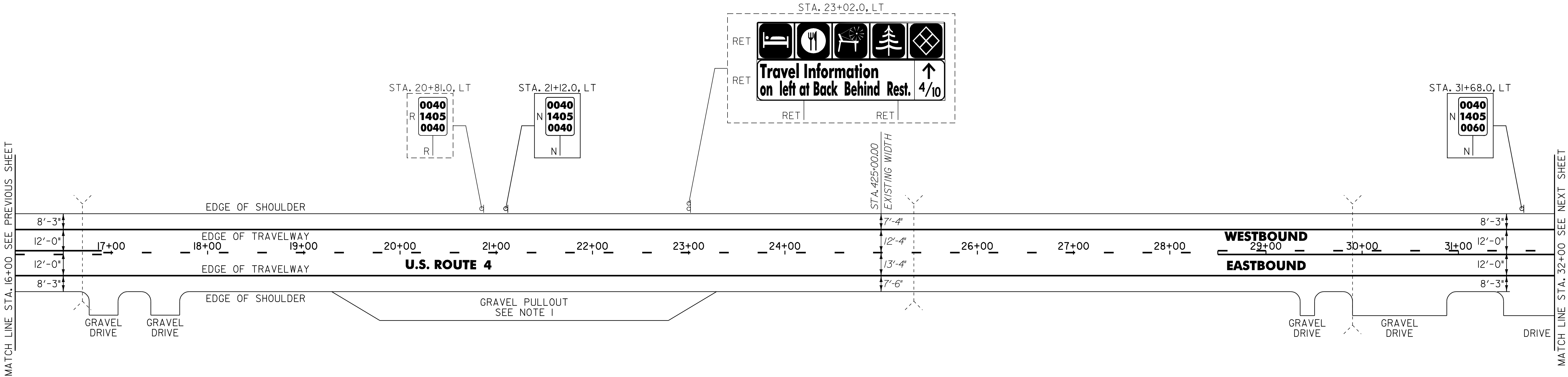
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 16+00.00 - STA. 32+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 16+00.00 - STA. 16+90.00 LT C D
STA. 16+00.00 - STA. 28+50.00 S D -
STA. 28+50.00 - 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)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 16+00.00 - STA. 16+90.00 LT C D
STA. 16+00.00 - STA. 28+50.00 S D -
STA. 28+50.00 - STA. 32+00.00 D - S

675.50 REMOVING SIGNS
AS SHOWN - I



- NOTES:
1. PROVIDE A 5 FT WIDE, 1¾" TYPE III 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).
 2. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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

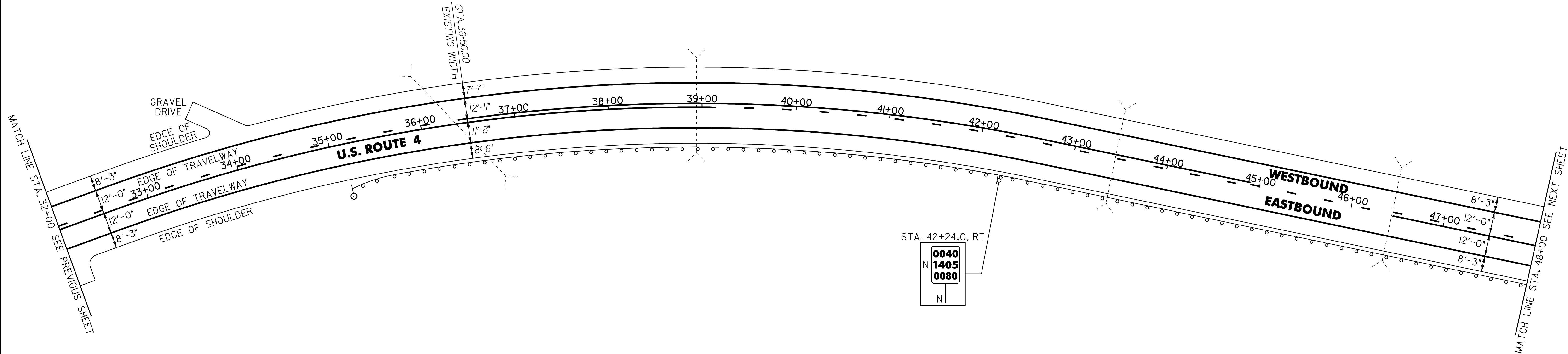
NOT TO SCALE	
PROJECT LAYOUT SHEET #6	PROJECT NAME: KILLINGTON - BRIDGEWATER
	PROJECT NUMBER: NH 2502(1)S
	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036I06.i
	PLOT DATE: 15-MAY-2008 14 DRAWN BY: C.A.K. CHECKED BY: D.E.G. SHEET 18 OF 74

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 32+00.00 - STA. 36+45.00 LT C S
STA. 36+45.00 - STA. 39+05.00 S - S
STA. 39+05.00 - STA. 44+90.00 S - D
STA. 44+90.00 - STA. 46+45.00 - D -
STA. 46+45.00 - STA. 48+00.00 D - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 32+00.00 - STA. 36+45.00 D - S
STA. 36+45.00 - STA. 39+05.00 S - S
STA. 39+05.00 - STA. 44+90.00 S - D
STA. 44+90.00 - STA. 46+45.00 - D -
STA. 46+45.00 - STA. 48+00.00 D - S



621.205 STEEL BEAM GUARDRAIL W/ 8' POSTS
38+94 - 39+44 (50')

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
KILLINGTON:
STA. ~~35+52.0~~ - STA. 48+00.0 RT (1248.0 LF)
~~39+44~~
35+69 - 38+94 RT (225')

621.50 MANUFACTURED TERMINAL SECTION, FLARED
KILLINGTON:
STA. ~~35+14.5~~ - STA. ~~35+52.0~~ RT
~~31.5~~ ~~69~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
KILLINGTON:
STA. ~~35+18.0~~ - STA. 48+00.0 RT (1282.0 LF)
~~35~~

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
BRIDGEWATER:
STA. 35+14.5 RT

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

NOTE:
1. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED
THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE
PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR
CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE
THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING
ANY SUBSURFACE OPERATIONS.

PROJECT LAYOUT SHEET #7	NOT TO SCALE	
	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(1)S	
	FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
	IPARM FILE: p05b036i07.i	SHEET 19 OF 74

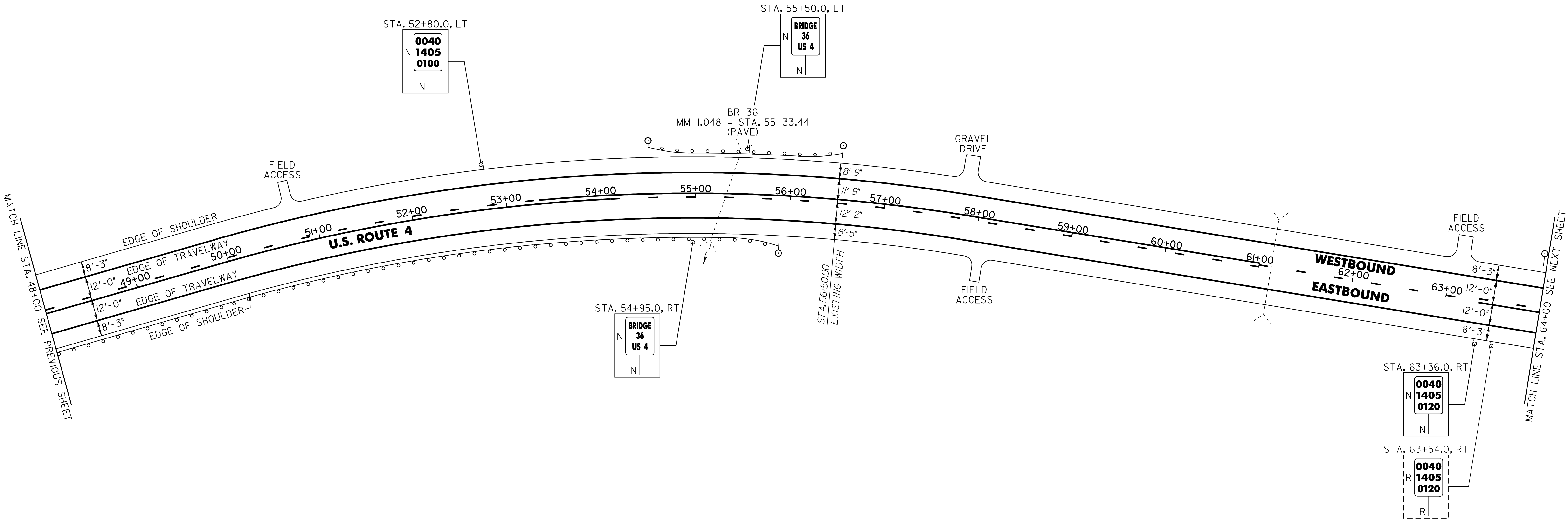
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 48+00.00 - STA. 64+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 48+00.00 - STA. 53+35.00 LT C RT
STA. 53+35.00 - STA. 54+10.00 S - S
STA. 54+10.00 - STA. 61+00.00 S - D
STA. 61+00.00 - STA. 63+35.00 - D -
STA. 63+35.00 - 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)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 48+00.00 - STA. 53+35.00 D - S
STA. 53+35.00 - STA. 54+10.00 S - S
STA. 54+10.00 - STA. 61+00.00 S - D
STA. 61+00.00 - STA. 63+35.00 - D -
STA. 63+35.00 - STA. 64+00.00 D - S

675.50 REMOVING SIGNS
AS SHOWN - I



621.205 STEEL BEAM GUARDRAIL W/ 8' POSTS
49+44 - 50+94 RT (150')

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
KILLINGTON: 56.5 48+00 - 49+44 RT
50+94 STA. 48+00.0 - STA. 55+52.0 RT (752.0 LF)
STA. 54+88.0 - STA. 56+13.0 LT (125.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
KILLINGTON:
STA. 54+50.5 - STA. 54+88.0 LT
55+56.5 STA. 55+52.0 - STA. 55+89.5 RT 94
STA. 56+13.0 - STA. 56+50.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
KILLINGTON:
STA. 48+00.0 - STA. 55+67.0 RT (767.0 LF)
STA. 54+83.0 - STA. 56+10.0 LT (127.0 LF) 125

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE

BRIDGEWATER:
STA. 54+50.5 LT
STA. 55+89.5 RT
STA. 56+50.5 LT
STA. 63+99.5 LT

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

NOTE:

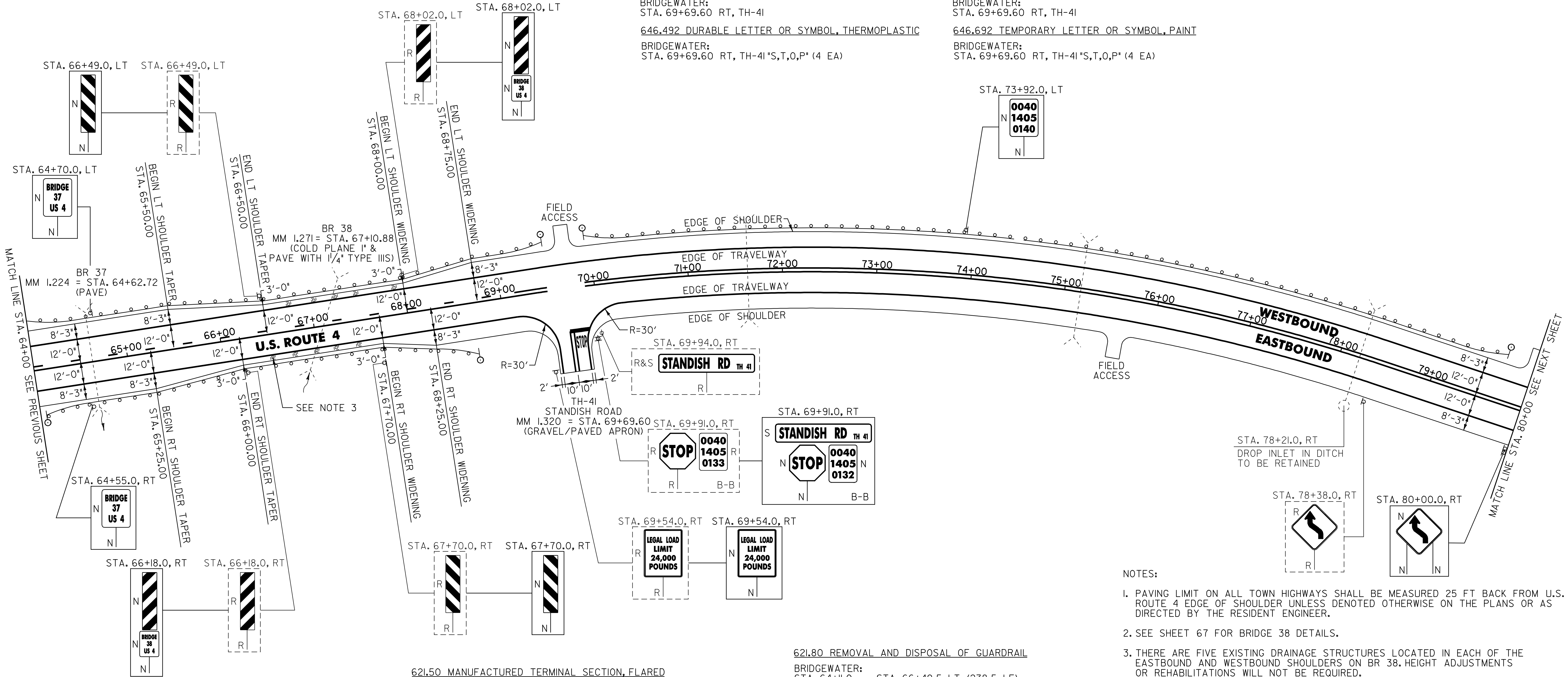
I. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn PLOT DATE: 15-MAY-2008 14
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: J.S.P. CHECKED BY: D.E.G.
IPARM FILE: p05b036108.1 SHEET 20 OF 74



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: 35.5 98
STA. 64+37.0 - STA. 65+99.5 LT (162.5 LF)
STA. 64+43.5 - STA. 65+68.5 RT (125.0 LF)
STA. 68+20.5 - STA. 68+33.0 RT (12.5 LF)
STA. 68+51.5 - STA. 69+14.0 LT (62.5 LF)

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER:
STA. 70+32.5 - STA. 79+32.5 LT (900.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER: 98 35.5
STA. 63+99.5 - STA. 64+37.0 LT
STA. 64+06.0 - STA. 64+43.5 RT
STA. 68+33.0 - STA. 68+70.5 RT
STA. 69+14.0 - STA. 69+51.5 LT
STA. 69+95.0 - STA. 70+32.5 LT
STA. 79+32.5 - STA. 79+70.0 LT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

BRIDGEWATER:
STA. 65+68.5 - STA. 66+18.5 RT
98 STA. 65+99.5 - STA. 66+49.5 LT 48
STA. 67+70.5 - STA. 68+20.5 RT
STA. 68+01.5 - STA. 68+51.5 LT

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

BRIDGEWATER:
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

BRIDGEWATER:
STA. 64+00.00 - STA. 69+15.00 LT C RT
STA. 64+00.00 - STA. 69+15.00 D - S
STA. 69+15.00 - STA. 80+00.00 S - S
STA. 69+69.60 DOUBLE SOLID RT, TH-4I

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

BRIDGEWATER:
STA. 69+69.60 RT, TH-4I

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

BRIDGEWATER:
STA. 69+69.60 RT, TH-4I "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)

BRIDGEWATER:
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

BRIDGEWATER:
STA. 64+00.00 - STA. 69+15.00 LT C RT
STA. 64+00.00 - STA. 69+15.00 D - S
STA. 69+15.00 - STA. 80+00.00 S - S

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

BRIDGEWATER:
STA. 69+69.60 RT, TH-4I

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

BRIDGEWATER:
STA. 69+69.60 RT, TH-4I "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS

AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1

NOTES:

- 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.
- SEE SHEET 67 FOR BRIDGE 38 DETAILS.
- THERE ARE FIVE EXISTING DRAINAGE STRUCTURES LOCATED IN EACH OF THE EASTBOUND AND WESTBOUND SHOULDERS ON BR 38. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #9

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036I09.i
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 21 OF 74

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 64+11.0 - STA. 66+49.5 LT (238.5 LF)
STA. 64+18.0 - STA. 66+18.5 RT (200.5 LF)
STA. 67+70.5 - STA. 68+20.0 RT (49.5 LF)
STA. 68+01.5 - STA. 69+52.0 LT (90.5 LF)
STA. 69+94.0 - STA. 79+70.0 LT (976.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

BRIDGEWATER:
STA. 64+06.0 RT
STA. 68+70.5 RT
STA. 69+51.5 LT
STA. 69+95.0 LT
STA. 79+70.0 LT

SIGN LEGEND

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

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 80+00.00 - STA. 96+00.00 LT C RT
STA. 83+47.68 DOUBLE SOLID RT, TH-34 S - S
STA. 93+10.00 DOUBLE SOLID RT, TH-34 S - S

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
BRIDGEWATER:
STA. 83+47.68 RT, TH-34
STA. 93+10.00 RT, TH-34

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 83+47.68 RT, TH-34 "S,T,O,P" (4 EA)
STA. 93+10.00 RT, TH-34 "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)
BRIDGEWATER:
STA. 80+00.00 - STA. 96+00.00 LT & RT

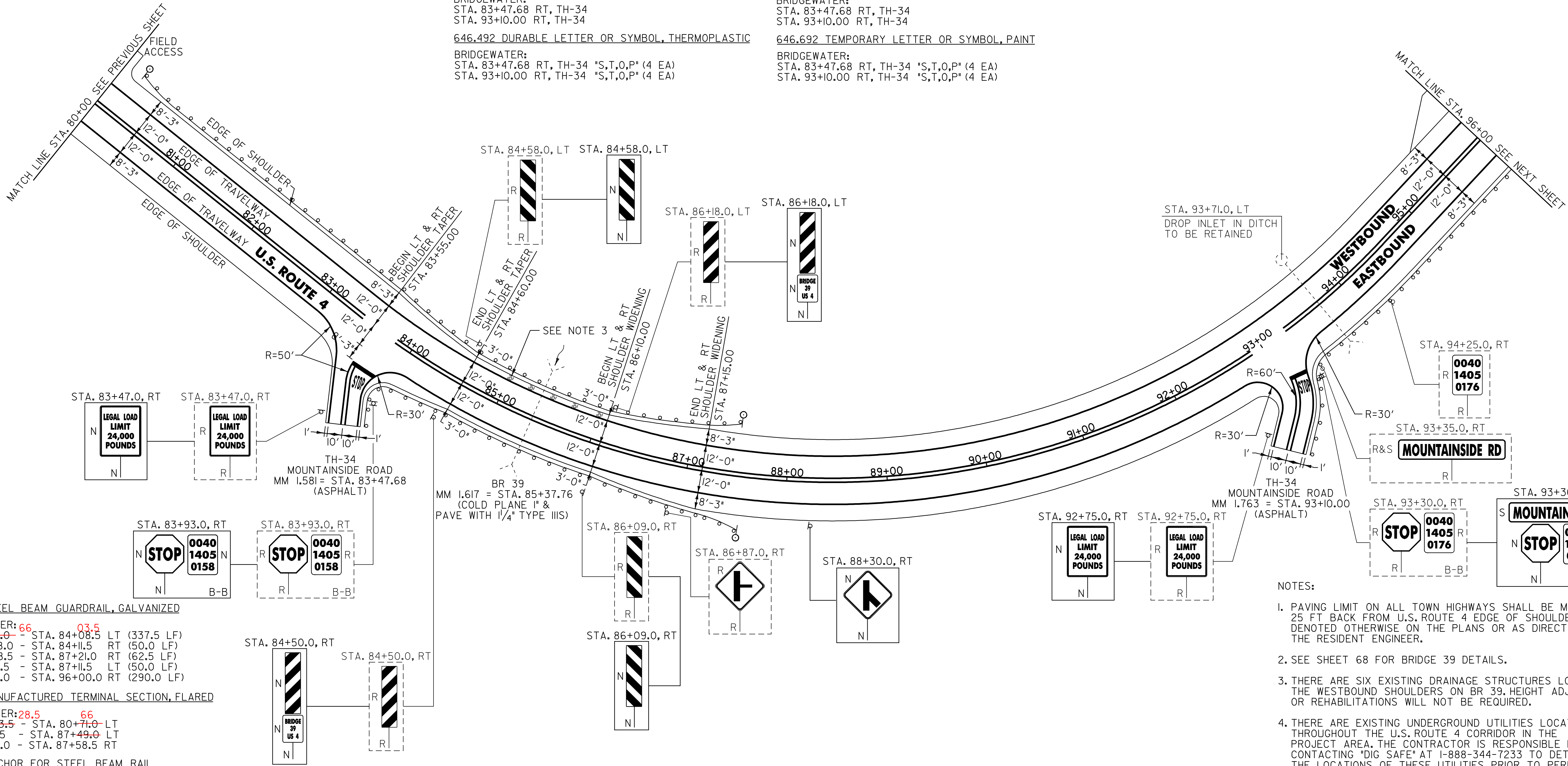
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 80+00.00 - STA. 96+00.00 LT C RT
STA. 83+47.68 DOUBLE SOLID RT, TH-34 S - S
STA. 93+10.00 DOUBLE SOLID RT, TH-34 S - S

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BRIDGEWATER:
STA. 83+47.68 RT, TH-34
STA. 93+10.00 RT, TH-34

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BRIDGEWATER:
STA. 83+47.68 RT, TH-34 "S,T,O,P" (4 EA)
STA. 93+10.00 RT, TH-34 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - I3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - I



- NOTES:
- 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.
 - SEE SHEET 68 FOR BRIDGE 39 DETAILS.
 - THERE ARE SIX EXISTING DRAINAGE STRUCTURES LOCATED IN THE WESTBOUND SHOULDERS ON BR 39. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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

NOT TO SCALE

PROJECT
LAYOUT
SHEET #10

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036i10.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 22 OF 74

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: 66 03.5
STA. 80+71.0 - STA. 84+08.5 LT (337.5 LF)
STA. 83+78.0 - STA. 84+11.5 RT (50.0 LF)
STA. 86+58.5 - STA. 87+21.0 RT (62.5 LF)
STA. 86+61.5 - STA. 87+11.5 LT (50.0 LF)
STA. 93+10.0 - STA. 96+00.0 RT (290.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER: 28.5 66
STA. 80+33.5 - STA. 80+71.0 LT
STA. 87+11.5 - STA. 87+49.0 LT
STA. 87+21.0 - STA. 87+58.5 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

BRIDGEWATER: 93+50 RT
STA. 83+78.0 RT
99.5

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

BRIDGEWATER: 03.5 53.5
STA. 84+08.5 - STA. 84+58.5 LT
STA. 84+11.5 - STA. 84+61.5 RT
STA. 86+08.5 - STA. 86+58.5 RT
STA. 86+11.5 - STA. 86+61.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 80+19.0 - STA. 84+58.5 LT (439.5 LF)
STA. 83+78.0 - STA. 84+61.5 RT (100.0 LF)
STA. 86+08.5 - STA. 86+93.0 RT (84.5 LF)
STA. 86+11.5 - STA. 87+00.0 LT (88.5 LF)
STA. 93+10.0 - STA. 96+00.0 RT (290.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE

BRIDGEWATER:
STA. 80+33.5 LT
STA. 84+90.0 LT
STA. 87+58.5 RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 96+00.00 - STA. 112+00.00 LT & RT
STA. 109+50.72 DOUBLE SOLID LT, TH-23

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
BRIDGEWATER:
STA. 109+50.72 LT, TH-23

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 109+50.72 LT, TH-23, "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)
BRIDGEWATER:
STA. 96+00.00 - STA. 112+00.00 LT & RT

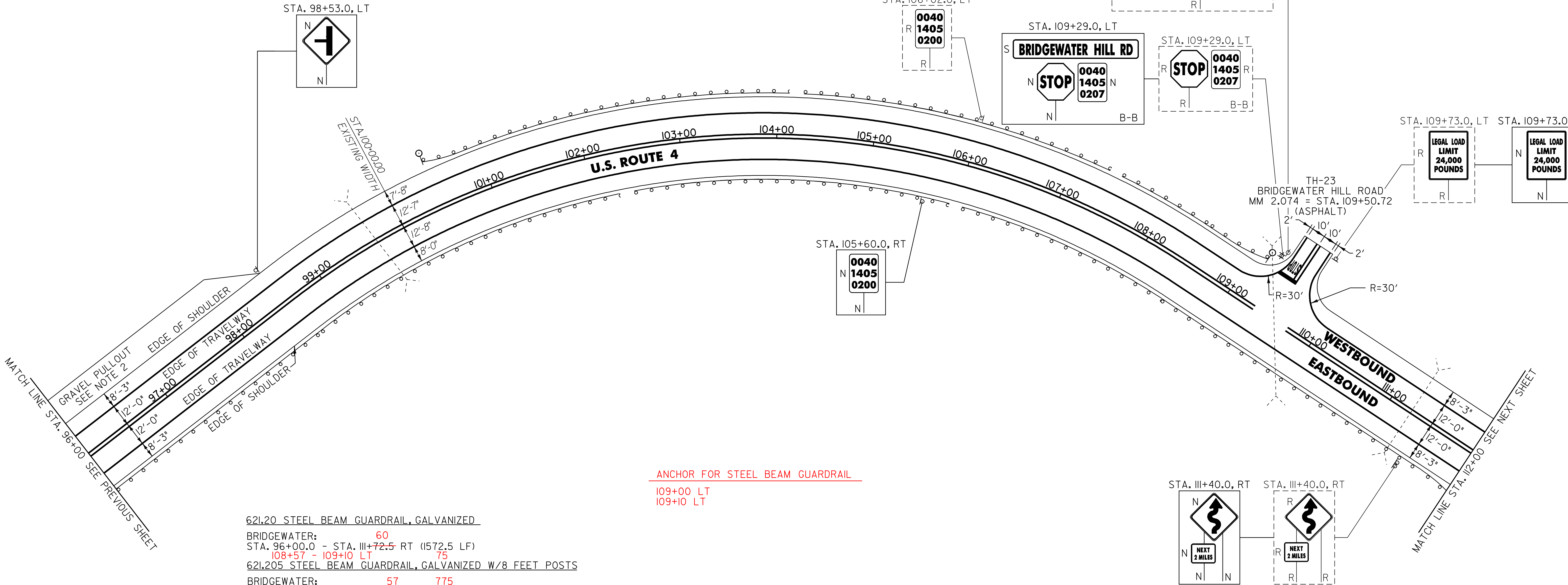
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 96+00.00 - STA. 112+00.00 LT & RT
STA. 109+50.72 DOUBLE SOLID LT, TH-23

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BRIDGEWATER:
STA. 109+50.72 LT, TH-23

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BRIDGEWATER:
STA. 109+50.72 LT, TH-23, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
BRIDGEWATER: 60
STA. 96+00.0 - STA. 111+72.5 RT (1572.5 LF)
~~108+57 - 109+10 LT 75~~

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER: 57 775
STA. 100+82.0 - STA. 108+94.5 LT (812.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER:
STA. 100+44.5 - STA. 100+82.0 LT
~~STA. 108+94.5 - STA. 109+32.0 LT~~
STA. 111+72.5 - STA. 112+10.0 RT
60 111+97.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER: 35
STA. 96+00.0 - STA. 111+52.0 RT (1552.0 LF)
STA. 100+81.0 - STA. 109+32.0 LT (851.0 LF)
10 850

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
BRIDGEWATER:
STA. 100+44.5 LT
STA. 109+32.0 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
109+00 LT
109+10 LT

- NOTES:
- 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.
 - 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.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S.ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036111.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 23 OF 74

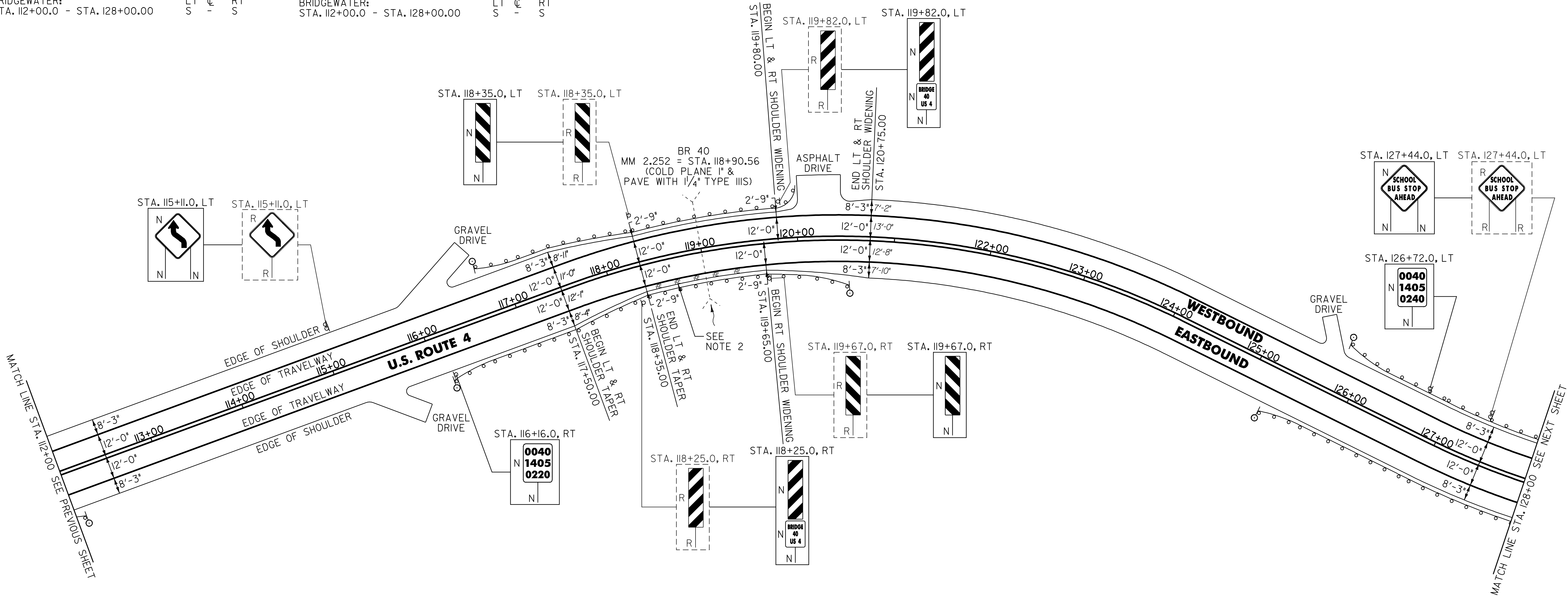
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 112+00.00 - STA. 128+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 112+00.0 - STA. 128+00.00 LT C RT
S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 112+00.0 - STA. 128+00.00 LT C RT
S - S

675.50 REMOVING SIGNS
AS SHOWN - 6



616.35 TREATED TIMBER CURB

BRIDGEWATER:
STA. 126+95.0 - STA. 128+00.0 LT (105.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: 39 137.5 120+16.5 - 120+29 RT
STA. 116+51.5 - STA. 117+76.5 RT (125.0 LF)
STA. 117+10.5 - STA. 117+85.5 LT (75.0 LF)
125+59 - 128+00 RT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER:
~~STA. 125+59.0 - STA. 128+00.0 RT (241.0 LF)~~
STA. 126+13.0 - STA. 128+00.0 LT (187.0 LF)
126+96 127+09

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER:
STA. 119+81.5 - STA. 120+01.0 LT (39.5 LF)
127+09 128+00 LT 125+70 - 126+96 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER: 01.5 39
STA. 116+14.0 - STA. 116+51.5 RT
STA. 116+73.0 - STA. 117+10.5 LT
STA. 120+16.5 - STA. 120+54.0 RT 66.5
STA. 125+21.5 - STA. 125+59.0 RT
~~STA. 125+75.5 - STA. 126+13.0 LT~~

621.60 ANCHOR FOR STEEL BEAM RAIL

BRIDGEWATER: 125+75 LT 126+14 LT
STA. 120+01.0 LT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

BRIDGEWATER:
STA. 117+76.5 - STA. 118+26.5 RT
STA. 117+85.5 - STA. 118+35.5 LT
STA. 119+66.5 - STA. 120+16.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 116+23.0 - STA. 118+26.5 RT (163.5 LF)
STA. 116+72.0 - STA. 118+35.5 LT (203.5 LF) 162.5
STA. 119+66.5 - STA. 120+44.0 RT (77.5 LF)
STA. 119+81.5 - STA. 120+02.0 LT (37.5 LF)
STA. 125+25.0 - STA. 128+00.0 RT (275.0 LF)
STA. 125+75.0 - STA. 128+00.0 LT (225.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

BRIDGEWATER:
STA. 112+10.0 RT
STA. 116+14.0 RT
STA. 116+73.0 LT
STA. 120+54.0 RT
STA. 125+21.5 RT
STA. 125+75.5 LT

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

NOTES:

- SEE SHEET 69 FOR BRIDGE 40 DETAILS.
- THERE ARE FIVE EXISTING DRAINAGE STRUCTURES LOCATED IN THE EASTBOUND SHOULDER ON BR 40. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #12

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b03112.1
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 24 OF 74

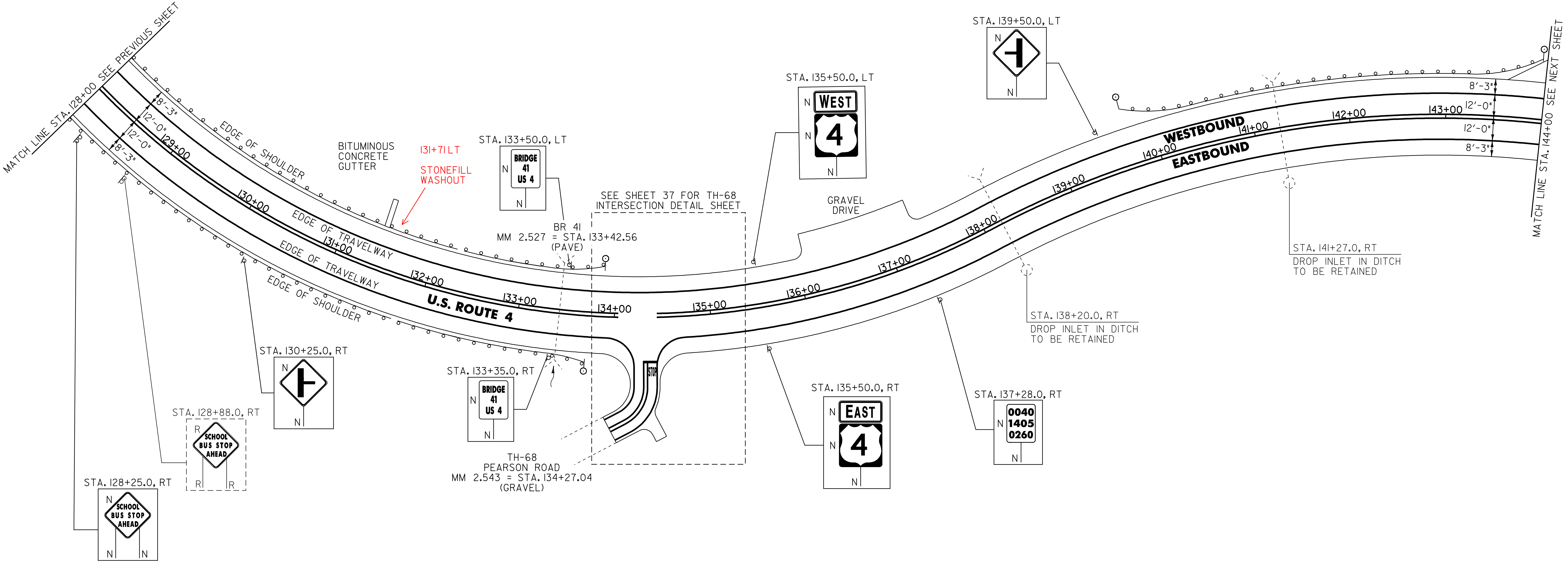
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 128+00.00 - STA. 144+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 128+00.00 - STA. 144+00.00 LT CL RT
S - S

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

675.50 REMOVING SIGNS
AS SHOWN - I



616.35 TREATED TIMBER CURB

BRIDGEWATER:
STA. 128+00.0 - STA. 131+60.0 LT (360.0 LF)

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

BRIDGEWATER:
STA. 131+60.0 - STA. 131+65.0 LT (1.0 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: 70 375 128+00 - 130+59 RT
STA. 139+99.0 - STA. 143+49.0 LT (350.0 LF)
132+46 133+46 128+00 - 132+96

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER: 130+59
STA. 128+00.0 - STA. 133+34.0 RT (534.0 LF)
STA. 128+00.0 - STA. 133+59.5 LT (550.5 LF)
132+96 132+46

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 133+34.0 - STA. 133+71.5 RT
STA. 133+50.5 - STA. 133+88.0 LT 84
STA. 139+61.5 - STA. 139+99.0 LT 70
STA. 143+49.0 - STA. 143+86.5 LT 375

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 128+00.0 - STA. 133+71.0 RT (571.0 LF)
STA. 128+00.0 - STA. 133+84.0 LT (584.0 LF)
STA. 139+99.0 - STA. 143+73.0 LT (374.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE 1 WHITE

BRIDGEWATER:
STA. 133+71.5 RT
STA. 133+88.0 LT
STA. 139+61.5 LT
STA. 143+86.5 LT

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

NOTE:

I. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #13

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036i13.1

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 25 OF 74

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

NOTES

1. PROVIDE A 5 FT WIDE, $1\frac{3}{4}$ " 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).
2. PROVIDE A 15 FT WIDE, $1\frac{3}{4}$ " 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.
3. SEE SHEET 70 FOR BRIDGE 42 DETAILS.
4. THERE ARE TWO EXISTING DRAINAGE STRUCTURES LOCATED IN THE WESTBOUND SHOULDER ON BR 42. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
5. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.



PROJECT LAYOUT SHEET #14

FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14:05
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05b036 4.i	SHEET 26 OF 74

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 160+00.00 - STA. 176+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:
STA. 160+00.00 - STA. 176+00.00 LT C RT
S - S
STA. 175+61.28 DOUBLE SOLID RT, TH-70

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
BRIDGEWATER:
STA. 175+61.28 RT, TH-70

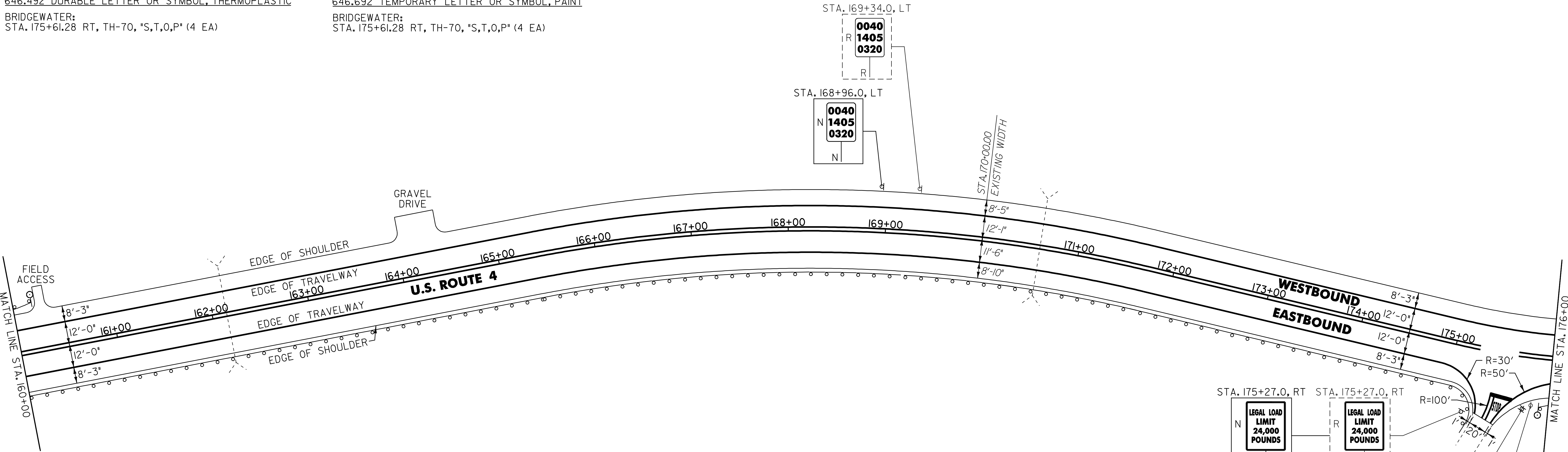
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 175+61.28 RT, TH-70, "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 160+00.00 - STA. 176+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:
STA. 160+00.00 - STA. 176+00.00 LT C RT
S - S
STA. 175+61.28 DOUBLE SOLID RT, TH-70

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BRIDGEWATER:
STA. 175+61.28 RT, TH-70

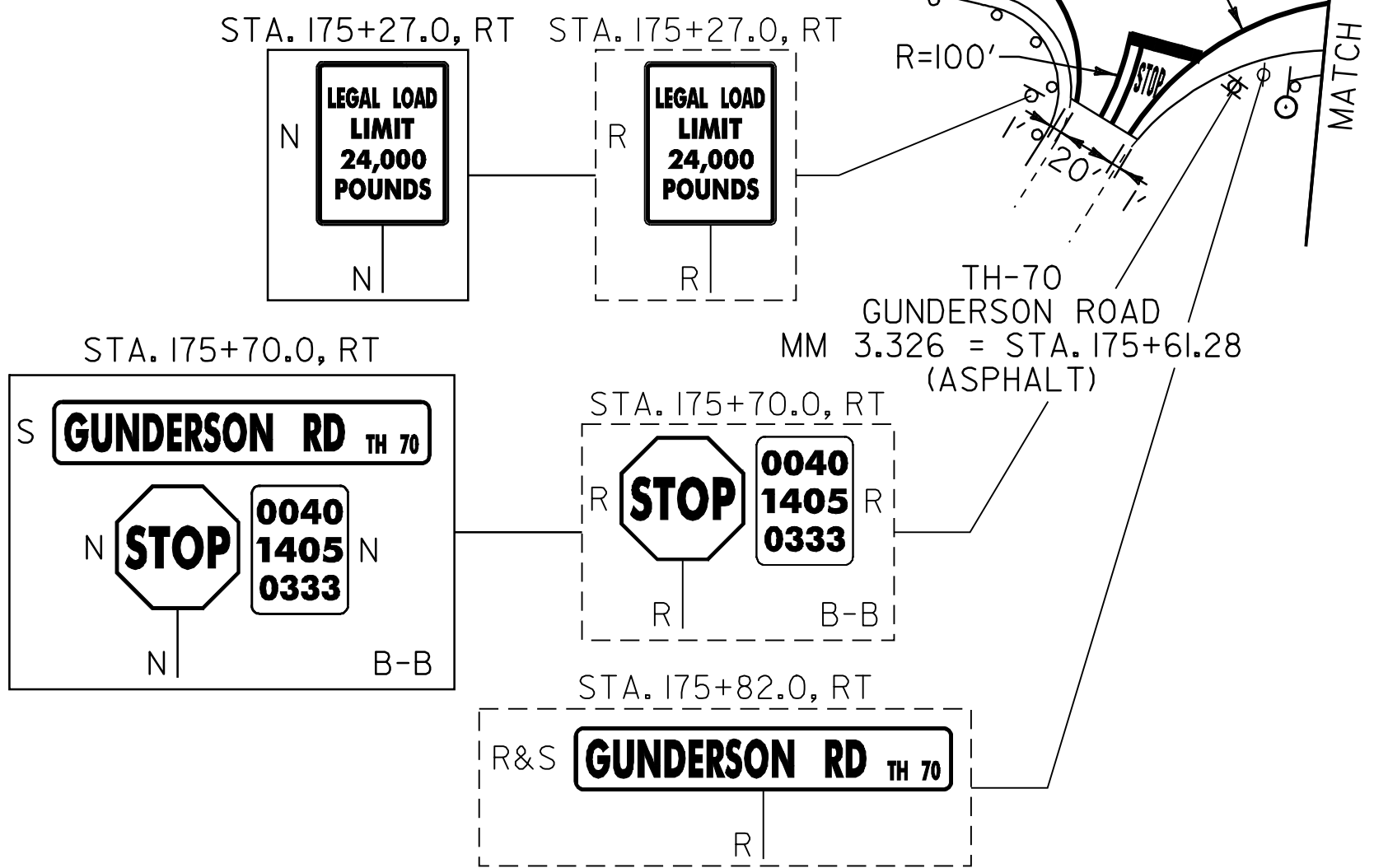
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BRIDGEWATER:
STA. 175+61.28 RT, TH-70, "S,T,O,P" (4 EA)



621.205 STEEL BEAM GUARDRAIL W/ 8' POSTS

166+03.5 - 169+28.5 (325)
172+03.5 - 174+28.5 (225)
175+66 - 175+71 (25)

675.50 REMOVING SIGNS AS SHOWN - 5
675.60 ERECTING SALVAGED SIGNS AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
BRIDGEWATER:
STA. 160+00.0 - STA. 175+34.0 RT (1578.5 LF)
166+03.5

169+28.5 - 172+03.5 RT
174+28.5 - 175+66 RT

621.60 ANCHOR FOR STEEL BEAM RAIL
BRIDGEWATER:
STA. 175+34.0 RT
60

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 160+00.0 - STA. 175+34.0 RT (1534.0 LF)
STA. 160+00.0 - STA. 160+04.0 LT (4.0 LF)
STA. 175+89.0 - STA. 176+00.0 RT (11.0 LF)

676.10 DELINEATOR WITH STEEL POST
P TYPE 1 WHITE

BRIDGEWATER:
STA. 160+04.0 LT (4.0 LF)
STA. 175+89.0 RT

NOTES:

- 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.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #15

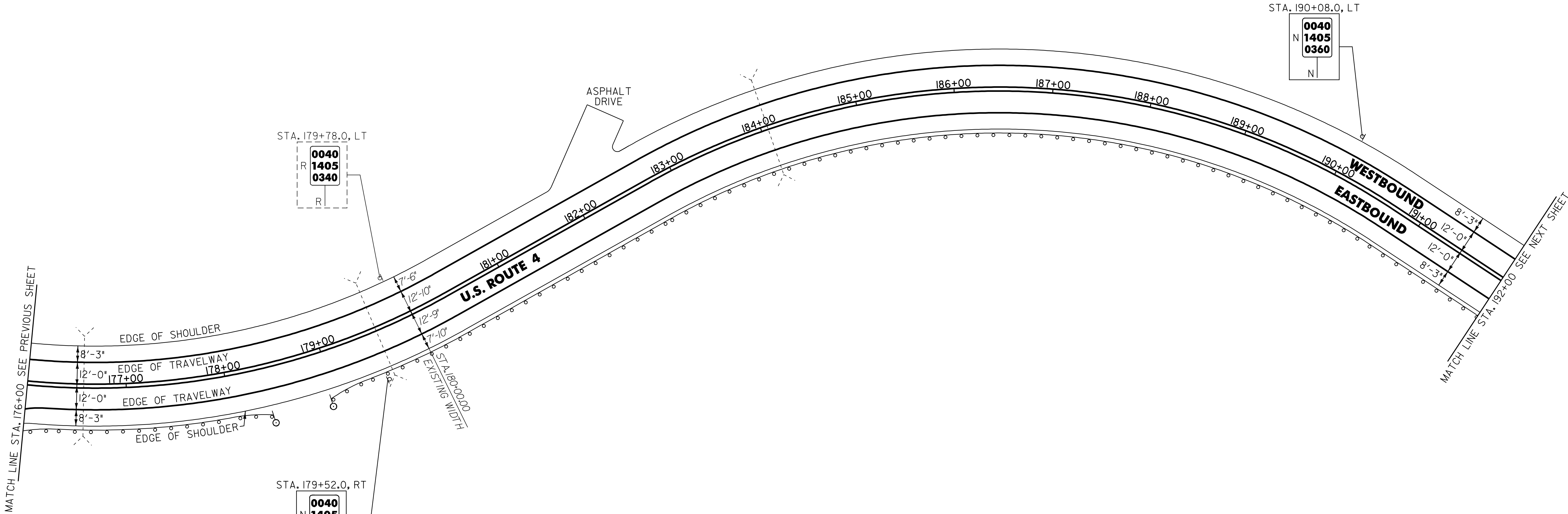
PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036115.1
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 27 OF 74

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

675.50 REMOVING SIGNS
AS SHOWN - I



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: 23 177+99 191+58 - 192+00 RT
STA. 176+26.5 - STA. 178+01.5 RT (175.0 LF)
STA. 179+33.0 - STA. 181+70.5 RT (237.5 LF)
182+20.5

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER: 85 23 191+58
STA. 181+70.5 - STA. 192+00.0 RT (1029.5 LF)
182+20.5

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER: 85 23
STA. 175+89.0 - STA. 176+26.5 RT
~~STA. 178+01.5 - STA. 178+39.0 RT~~ 177+99 - 178+36.5
STA. 178+95.5 - STA. 179+33.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 176+00.0 - STA. 178+39.0 RT (239.0 LF)
STA. 179+00.0 - STA. 192+00.0 RT (1300.0 LF)

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

NOTE:

I. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #16

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036116.i
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 28 OF 74

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

BRIDGEWATER:
STA. 178+39.0 RT
STA. 178+95.5 RT

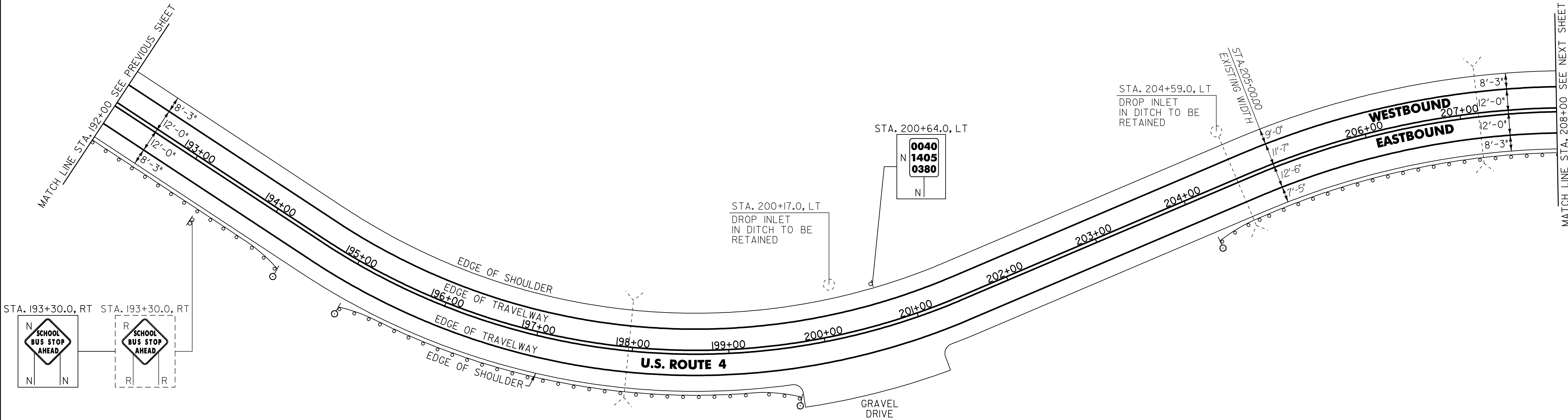
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 192+00.00 - STA. 208+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 192+00.00 - STA. 208+00.00 LT CL RT
S - S

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

675.50 REMOVING SIGNS
AS SHOWN - I



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
BRIDGEWATER:
STA. 192+00.0 - STA. 193+95.5 RT (387.5 LF)
STA. 195+42.5 - STA. 199+30.0 RT (344.5 LF)

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER:
~~STA. 192+00.0 - STA. 193+95.5 RT (387.5 LF)~~
~~STA. 204+55.5 - STA. 208+00.0 RT (344.5 LF)~~

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER:
STA. 193+95.5 - STA. 194+33.0 RT
STA. 195+05.0 - STA. 195+42.5 RT
STA. 199+30.0 - STA. 199+67.5 RT
STA. 204+52.0 - STA. 208+00.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 192+00.0 - STA. 194+33.0 RT (233.0 LF)
STA. 195+05.0 - STA. 199+67.5 RT (462.5 LF)
STA. 204+52.0 - STA. 208+00.0 RT (348.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE

BRIDGEWATER:
STA. 194+33.0 RT
STA. 195+05.0 RT
STA. 199+67.5 RT
STA. 204+52.0 RT

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

NOTE:
I. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE	
PROJECT LAYOUT SHEET #17	PROJECT NAME: KILLINGTON - BRIDGEWATER
	PROJECT NUMBER: NH 2502(1)S
	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036i17.1
	PLOT DATE: 15-MAY-2008 14 DRAWN BY: C.A.K. CHECKED BY: D.E.G. SHEET 29 OF 74

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

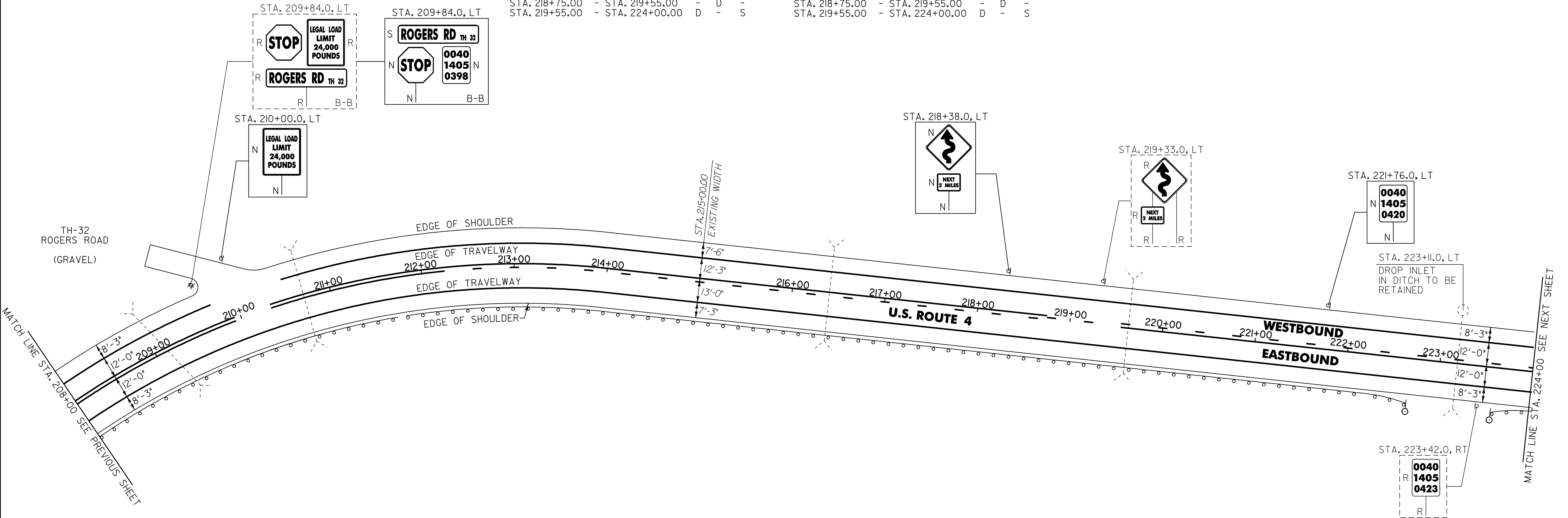
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 208+00.00 - STA. 212+15.00 S - S
STA. 212+15.00 - STA. 218+75.00 S - D
STA. 218+75.00 - STA. 219+55.00 - D -
STA. 219+55.00 - STA. 224+00.00 D - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
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
BRIDGEWATER:
STA. 208+00.00 - STA. 212+15.00 S - S
STA. 212+15.00 - STA. 218+75.00 S - D
STA. 218+75.00 - STA. 219+55.00 - D -
STA. 219+55.00 - STA. 224+00.00 D - S

675.50 REMOVING SIGNS
AS SHOWN - 6

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
BRIDGEWATER:
STA. 223+96.5 - STA. 224+00.0 RT (3.5 LF)
71.5

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
BRIDGEWATER:
STA. 208+00.0 - STA. 222+30.5 RT (1430.5 LF)
219+93 31

621.50 MANUFACTURED TERMINAL SECTION, FLARED
BRIDGEWATER: 31 69
STA. 222+30.5 - STA. 222+68.0 RT
STA. 223+59.0 - STA. 223+96.5 RT
39 71.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
BRIDGEWATER:
STA. 208+00.0 - STA. 228+68.0 RT (1468.0 LF)
STA. 223+62.0 - STA. 224+00.0 RT (38.0 LF)

208+00 - 219+93 RT

676.10 DELINEATOR WITH STEEL POST
⦿ TYPE 1 WHITE

BRIDGEWATER:
STA. 222+68.0 RT
STA. 223+59.0 RT

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

- NOTES:
- 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.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE	
PROJECT LAYOUT SHEET #18	
PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(1)S	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036i18.i
PLOT DATE: 15-MAY-2008 14 DRAWN BY: C.A.K. CHECKED BY: D.E.G. SHEET 30 OF 74	

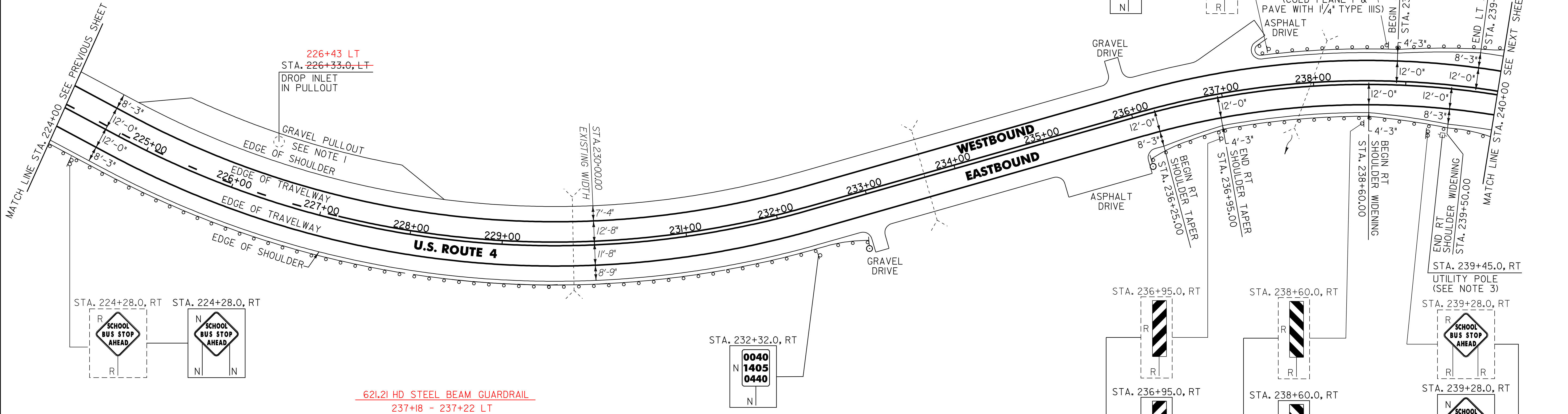
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 224+00.00 - STA. 240+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 224+00.00 - STA 227+20.00 D - S
STA. 227+20.00 - STA. 240+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. 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
BRIDGEWATER:
STA. 224+00.00 - STA 227+20.00 D - S
STA. 227+20.00 - STA. 240+00.00 S - S

675.50 REMOVING SIGNS
AS SHOWN - 6



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

BRIDGEWATER:
STA. 226+33.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER:
STA. 224+00.0 - STA. 232+46.5 RT (846.5 LF)
~~STA. 237+18.0 - STA. 237+22.0 LT (42.5 LF)~~
STA. 239+09.5 - STA. 239+72.0 RT (82.5 LF)
STA. 239+37.5 - STA. 239+75.0 LT (37.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 232+46.5 - STA. 232+84.0 RT
STA. 236+07.0 - STA. 236+44.5 RT
STA. 239+72.0 - STA. 240+09.5 RT
STA. 239+75.0 - STA. 240+12.5 LT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

BRIDGEWATER:
STA. 236+44.5 - STA. 236+94.5 RT
STA. 238+59.5 - STA. 239+09.5 RT
STA. 238+87.5 - STA. 239+37.5 LT

621.60 ANCHOR FOR STEEL BEAM RAIL

BRIDGEWATER:
STA. 237+18.0 LT

621.71 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE II

BRIDGEWATER:
STA. 237+22.0 - STA. 237+34.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 224+00.0 - STA. 232+84.0 RT (884.0 LF)
STA. 236+05.0 - STA. 236+94.5 RT (89.5 LF) 87.5
STA. 237+18.0 - STA. 237+34.5 LT (25.0 LF)
STA. 238+59.5 - STA. 239+36.0 RT (76.5 LF) 75
STA. 238+87.5 - STA. 239+75.0 LT (87.5 LF)

676.10 DELINEATOR WITH STEEL POST

Ø TYPE I WHITE

BRIDGEWATER:
STA. 232+84.0 RT
STA. 236+07.0 RT

NOTES:

1. PROVIDE A 5 FT. WIDE, 1 3/4" 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).
2. SEE SHEET 71 FOR BR 44 DETAILS.
3. SEE SHEET 73 FOR REDUCED STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.
4. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036119.1

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 31 OF 74

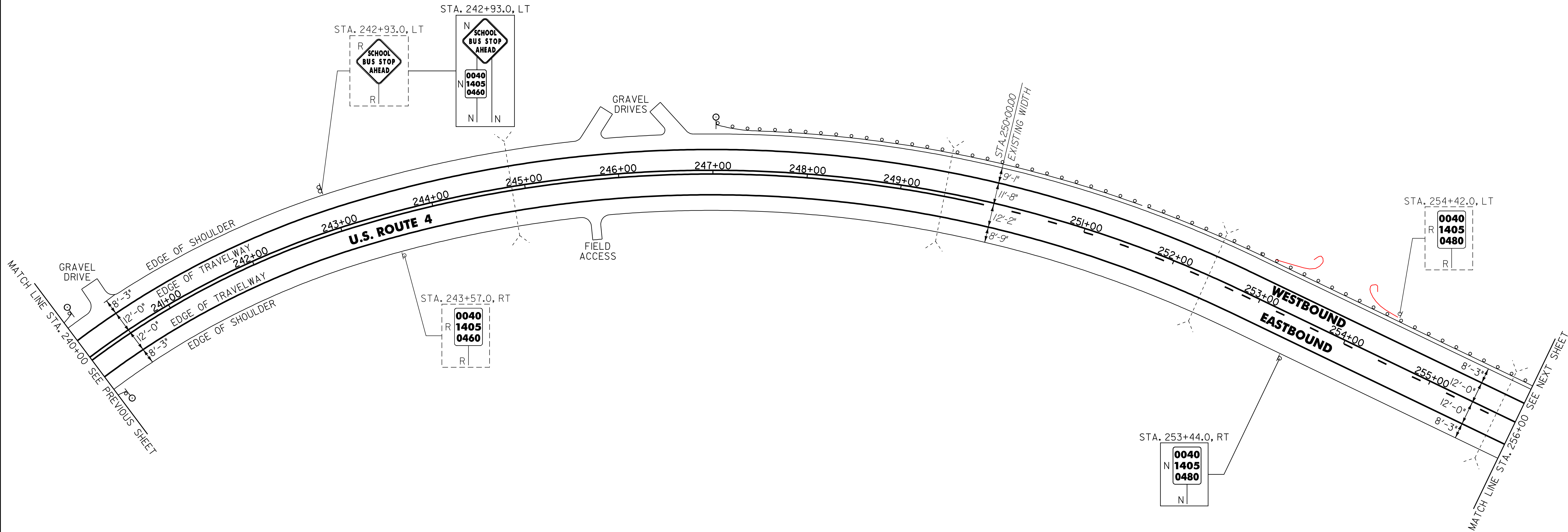
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 240+00.00 - STA. 256+00.00 LT & RT

646.4I2 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 240+00.00 - STA. 249+90.00 LT $\text{\textcircled{C}}$ RT
STA. 249+90.00 - STA. 256+00.00 S - S
STA. 249+90.00 - STA. 256+00.00 S - D

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

646.6I2 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 240+00.00 - STA. 249+90.00 LT $\text{\textcircled{C}}$ RT
STA. 249+90.00 - STA. 256+00.00 S - S
STA. 249+90.00 - STA. 256+00.00 S - D

675.50 REMOVING SIGNS
AS SHOWN - 3



62I.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER: ~~27~~ ~~253+27~~
STA. ~~247+40.5~~ - STA. ~~255+03.0~~ LT (762.5 LF)

62I.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER: ~~255+65~~
STA. ~~255+03.0~~ - STA. 256+00.0 LT (~~97.0~~ LF)

62I.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 247+03.0 - STA. 247+40.5 LT ~~254+02~~ - ~~254+40~~ LT
~~254+40~~ - ~~255+65~~ LT ~~253+27~~ - ~~253+65~~ LT

62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER: ~~246+89~~
STA. ~~247+03.0~~ - STA. 256+00.0 LT (~~897.0~~ LF)

676.I0 DELINEATOR WITH STEEL POST
9 TYPE I WHITE

BRIDGEWATER:
STA. 240+09.5 RT
STA. 240+12.5 LT
STA. 247+03.0 LT

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

NOTE:

I. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #20

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036I20.I
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 32 OF 74

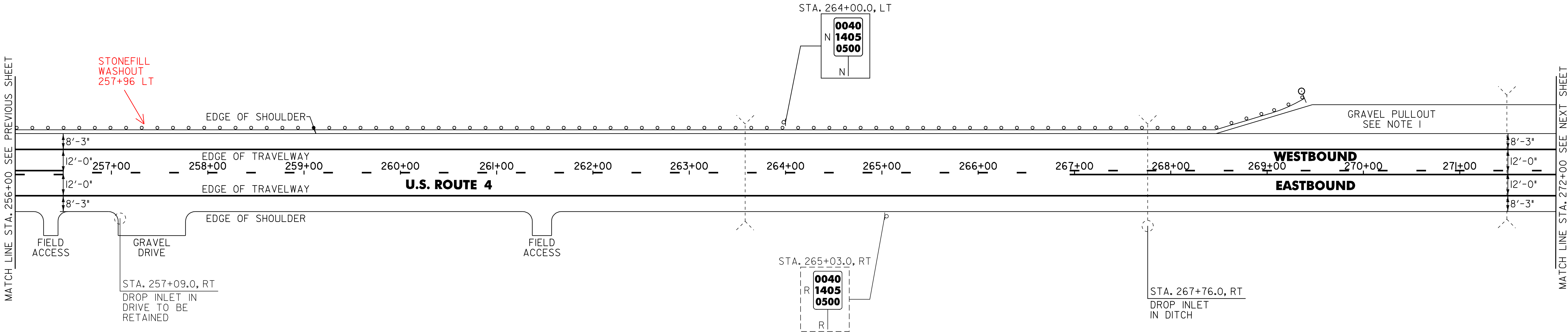
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 256+00.00 - STA. 272+00.00 LT & RT

646.4I2 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 256+00.00 - STA. 256+50.00 LT C - RT
STA. 256+00.00 - STA. 256+50.00 S - D
STA. 256+50.00 - STA. 266+95.00 - D -
STA. 266+95.00 - STA. 272+00.00 D - S

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

646.6I2 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 256+00.00 - STA. 256+50.00 LT C - RT
STA. 256+00.00 - STA. 256+50.00 S - D
STA. 256+50.00 - STA. 266+95.00 - D -
STA. 266+95.00 - STA. 272+00.00 D - S

675.50 REMOVING SIGNS
AS SHOWN - I



62I.20 STEEL BEAM GUARDRAIL
268+02 - 269+02 LT

604.4I2 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

BRIDGEWATER:
STA. 267+76.0 RT

62I.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

BRIDGEWATER:
STA. 256+00.0 - STA. 269+03.0 LT (I303.0 LF)
268+02

62I.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 269+03.0 - STA. 269+40.5 LT

62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 256+00.0 - STA. 269+3I.0 LT (I3I.0 LF)

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

- NOTES:
- PROVIDE A 5 FT WIDE, I³/₄" TYPE IIS 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.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #21

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036I2I.I

PLOT DATE: I5-MAY-2008 I4
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 33 OF 74

676.I0 DELINEATOR WITH STEEL POST
I TYPE I WHITE

BRIDGEWATER:
STA. 269+40.5 LT

5. THE EXISTING TOWN HIGHWAY 69,
HOUGHTON ROAD HAS BECOME A
PRIVATE DRIVEWAY.

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 287+81.28 LT, TH-1, "S,T,O,P" (4 EA)

BRIDGEWATER:
STA. 287+81.28 LT, TH-1, "S,T,O,P" (4 EA)

AS SHOWN - I



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 288+50.00 - STA. 304+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:
STA. 288+50.00 - STA. 304+00.00 LT ☐ RT
STA. 288+50.00 - STA. 304+00.00 S - S
STA. 299+00.64 DOUBLE SOLID RT, VT. ROUTE 100A

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
BRIDGEWATER:
STA. 299+00.64 RT, VT. ROUTE 100A

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 299+00.64 RT, VT. ROUTE 100A, "S,T,O,P" (4 EA)

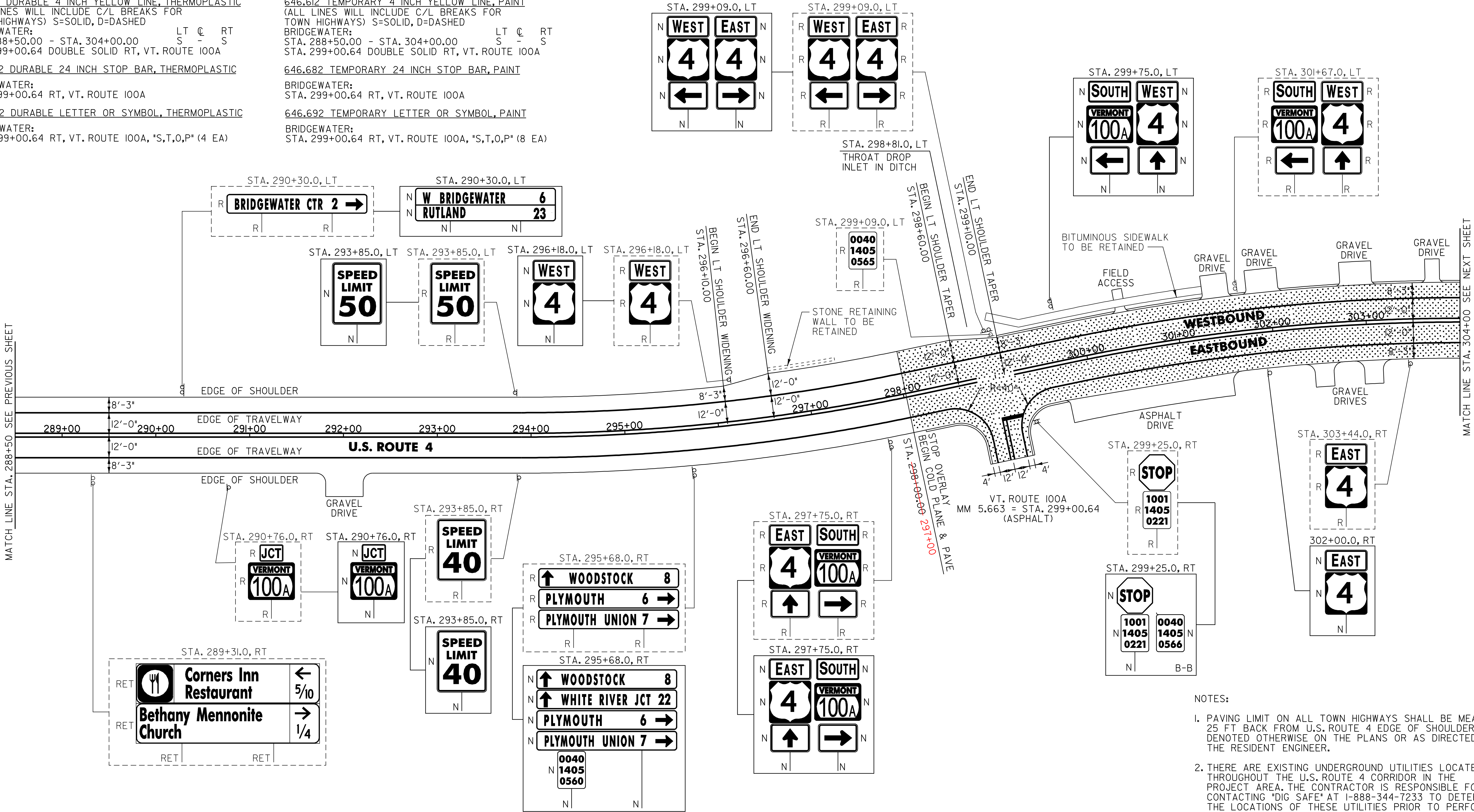
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 288+50.00 - STA. 304+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 288+50.00 - STA. 304+00.00 LT ☐ RT
STA. 288+50.00 - STA. 304+00.00 S - S
STA. 299+00.64 DOUBLE SOLID RT, VT. ROUTE 100A

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BRIDGEWATER:
STA. 299+00.64 RT, VT. ROUTE 100A

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BRIDGEWATER:
STA. 299+00.64 RT, VT. ROUTE 100A, "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 33



- NOTES:
- 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.
 - THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

AREA TO BE COLD PLANNED & PAVED

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I
BRIDGEWATER:
STA. 298+81.0 LT

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

NOT TO SCALE

PROJECT
LAYOUT
SHEET #23

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036I23.I
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 35 OF 74

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BRIDGEWATER:
STA. 304+00.00 - STA. 318+01.44 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:
STA. 304+00.00 - STA. 318+01.44 LT S - RT S
STA. 312+78.72 DOUBLE SOLID LT, TH-37

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

BRIDGEWATER:
STA. 312+78.72 LT, TH-37

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

BRIDGEWATER:
STA. 312+78.72 LT, TH-37 *S,T,O,P* (4 EA)
646.682 TEMPORARY 24 INCH STOP BAR, PAINT

BRIDGEWATER:
STA. 312+78.72 LT, TH-37

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

BRIDGEWATER:
STA. 312+78.72 LT, TH-37 *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)

BRIDGEWATER:
STA. 304+00.00 - STA. 318+01.44

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

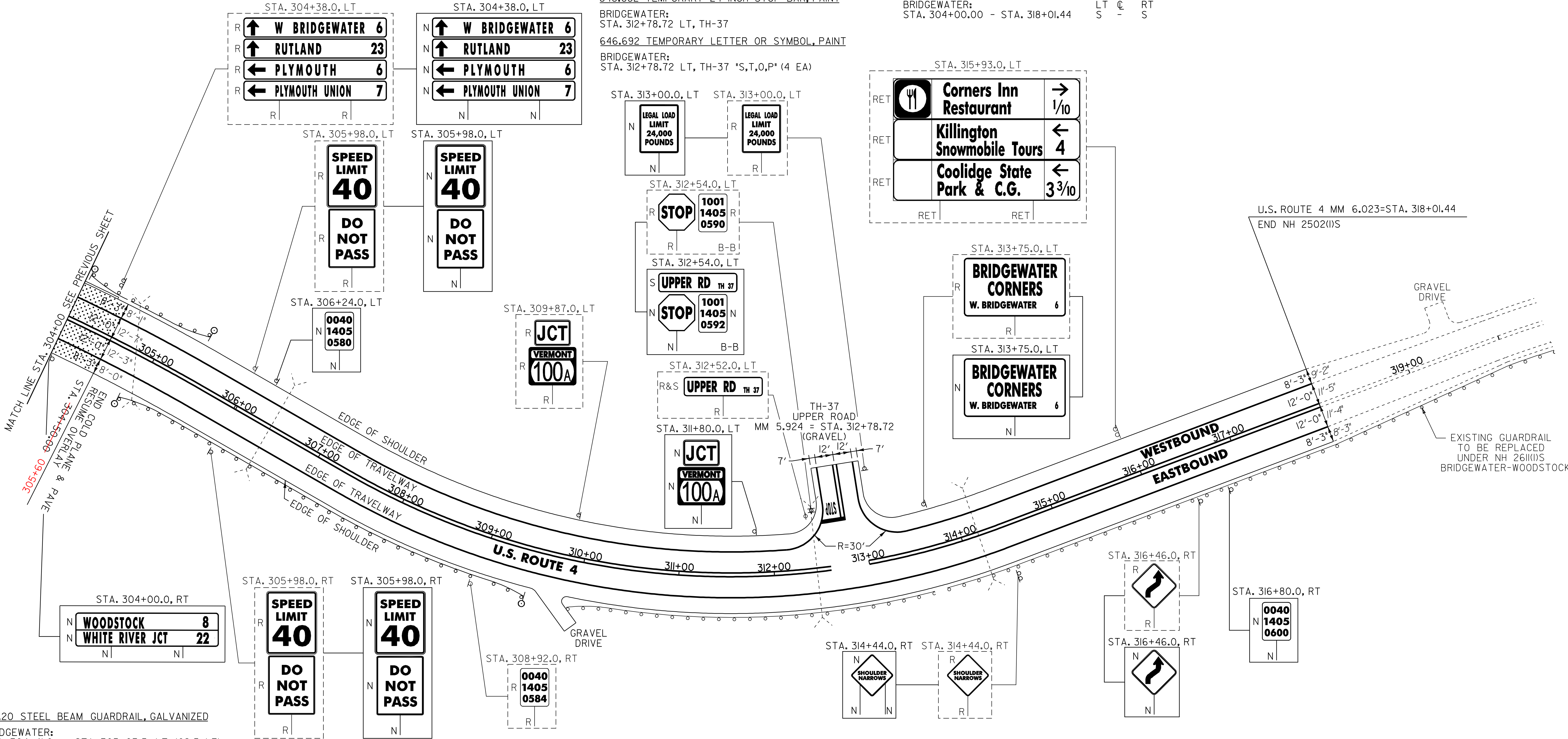
BRIDGEWATER:
STA. 304+00.00 - STA. 318+01.44 LT S - RT S

675.50 REMOVING SIGNS

AS SHOWN - 18

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

BRIDGEWATER:
STA. 304+41.0 - STA. 305+03.5 LT (62.5 LF)
STA. 305+23.0 - STA. 309+10.5 RT (387.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

BRIDGEWATER:
STA. 304+03.5 - STA. 304+41.0 LT
STA. 304+85.5 - STA. 305+23.0 RT
STA. 305+03.5 - STA. 305+41.0 LT
STA. 309+10.5 - STA. 309+48.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

BRIDGEWATER:
STA. 304+27.0 - STA. 305+30.0 LT (43.0 LF)
STA. 304+96.0 - STA. 309+48.0 RT (452.0 LF)

676.10 DELINEATOR WITH STEEL POST
♀ TYPE I WHITE

BRIDGEWATER:
STA. 304+03.5 LT
STA. 304+85.5 RT
STA. 305+41.0 LT
STA. 309+48.0 RT

NOTES:

- 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.
- THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

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

AREA TO BE COLD PLANED & PAVED

NOT TO SCALE

PROJECT
LAYOUT
SHEET #24

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036124.i
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 36 OF 74

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 134+27.04 DOUBLE SOLID RT, TH-68

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
BRIDGEWATER:
STA. 134+27.04 RT, TH-68

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
BRIDGEWATER:
STA. 134+27.04 RT, TH-68, "S,T,O,P" (4 EA)

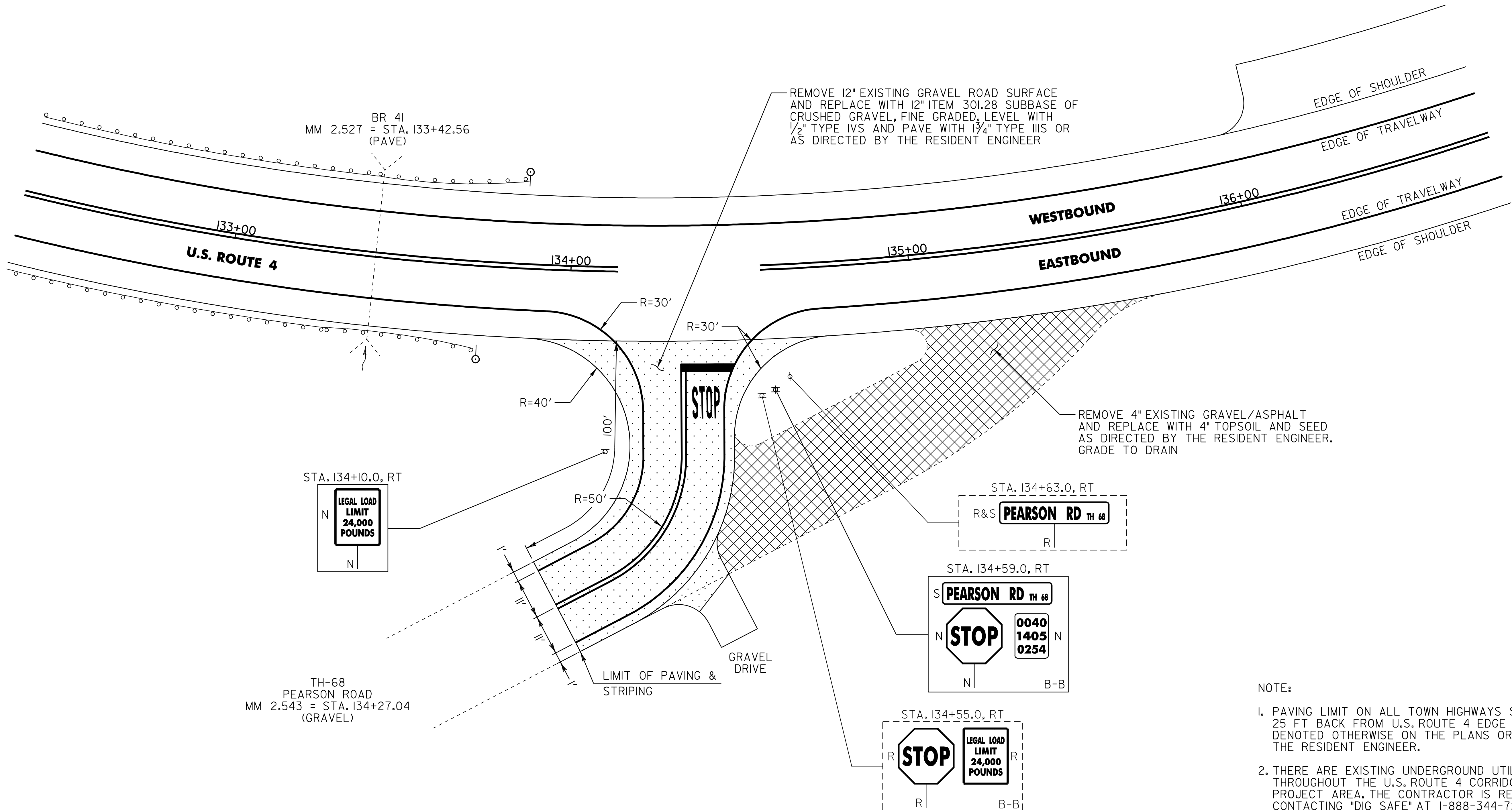
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
BRIDGEWATER:
STA. 134+27.04 DOUBLE SOLID RT, TH-68

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BRIDGEWATER:
STA. 134+27.04 RT, TH-68

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BRIDGEWATER:
STA. 134+27.04 RT, TH-68, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



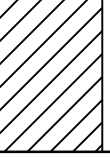
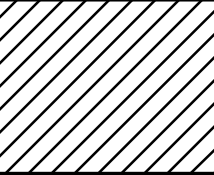
NOTE:

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.

2. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE U.S. ROUTE 4 CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

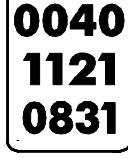
SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE	
TH-68 INTERSECTION DETAIL SHEET	PROJECT NAME: KILLINGTON - BRIDGEWATER
	PROJECT NUMBER: NH 2502(1)S
	FILE NAME: p05b036.dgn
	PLOT DATE: \$DATE\$
	PROJECT LEADER: D.E.G.
	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.
	CHECKED BY: D.E.G.
	IPARM FILE: p05b036idsl.i
	SHEET 37 OF 74

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 2																																	
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL					
					“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL		SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUIR ED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER							
		1.75	2.0	2.5										ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE										
		lb/ft	1.88	2.16								3.35	1.3			1.7	1.7	24"		30"																	
											OPTION ITEMS																										
KILLINGTON: 428+42.0, RT	R-2 						I				I				13.0' 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.	-	-
	 	I	30	30	6.25																													BACK-TO-BACK SIGN ID CODE RI-I SIGN ID CODE VD-700		E-143 E-138	
432+96.0, RT		I	6	10	0.42						I	X		8.0'	X			X																SIGN ID CODE VD-700		E-138	
434+43.0, RT	R-I 	I	30	18	3.75						I			13.0' X		X		X																	E-128A		
435+14.0, LT	R-3 						I				I			12.5' 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.	-	-	
	 	I	30	30	6.25																													BACK-TO-BACK SIGN ID CODE RI-I SIGN ID CODE VD-700	E-143 E-138		
435+57.0, LT	R-I 	I	24	30	5.00						I			14.0' X		X		X															SIGN ID CODE VR-017		E-141		
435+99.0, RT	R-2 	I	12	36	3.00						I			11.5' X		X		X															SIGN ID CODE OM-3R		E-120		
		I	6	8	0.33																												SIGN ID CODE VD-701		E-134		
436+56.0, LT	R-I 	I	12	36	3.00						I			11.0' X		X		X															SIGN ID CODE OM-3L		E-120		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #2	PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S				
																																			FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ss02.i	PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 39 OF 74	
					TOTALS	SF 28.84	SF	EA. 2	SF		LF 98.0 83.0	LF 98.0			LB			EA.	LB			EA.	EA.	LB													

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

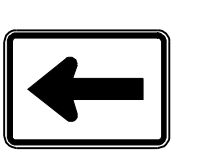
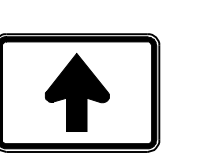
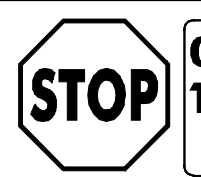
TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS															REQUIREMENTS	REMARKS	SIGN DETAIL							
												FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
		1.12	2.0	3.0	1.75	2.0	2.5	3.0				4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE														
																			lb/ft	lb/ft			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	24"		30"	WEIGHT	POST SIZE																			
OPTION ITEMS																																				
KILLINGTON: 438+10.0, RT	R-1		I	12	36	3.00					I			11.0' X		X		X													SIGN ID CODE OM-3L		E-120			
438+19.0, RT	R-1		I	24	30	5.00					I			13.0' X		X		X													SIGN ID CODE VR-017		E-141			
438+67.0, LT	R-2		I	12	36	3.00					I			11.5' X		X		X													SIGN ID CODE OM-3R		E-120			
			I	6	8	0.33																									SIGN ID CODE VD-701		E-134			
438+72.0, RT	R-2							I			I			13.0' 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.	-	-				
		 	I	30	30	6.25																								BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138				
440+54.0, RT	R-2		I	36	36	9.00					2			16.0' X																SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI-2Mc L	62					
			I	24	24	4.00																								SIGN ID CODE WI3-1		E-155				
443+50.0, RT			I	36	36	9.00					2			13.0' X																SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-205		E-154				
443+52.0, LT			I	6	10	0.42					I	X		8.0' X	X			X												SIGN ID CODE VD-700		E-138				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF 14.0	LF 14.0	LF 56.0	LF 14.0	LF 56.0	EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #3		PROJECT NAME: KILLINGTON - BRIDGEWATER				
																																			PROJECT NUMBER: NH 2502(1)S	
						TOTALS	SF 40.42	SF	EA. I</																											

STATE OF VERMONT AGENCY OF TRANSPORTATION																									TRAFFIC SIGN SUMMARY SHEET 4														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL							
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	SAL VAGE	NO. OF POSTS	FLANGED CHANNEL		SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE FRUIT EED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER									
		1.75	2.0	2.5										ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE												
		lb/ft	1.2	2.0								3.0	1.88			2.16	3.35	1.3		1.7	1.7	7.6	9.0	10.8	14.6							24"	30"						
										OPTION ITEMS																													
KILLINGTON: 446+70.0, RT	R-2 JCT	I	21	15	2.19						I			15.0' X		X		X													SIGN ID CODE M2-I		E-I36B						
	VERMONT 100	I	30	24	5.00																									SIGN ID CODE MI-5		E-I36B							
447+51.0, LT	R-I SPEED LIMIT 50	I	24	30	5.00						I			15.0' X		X		X													SIGN ID CODE R2-I		E-I42						
449+48.0, LT	R-4 WEST NORTH	I I	24 24	12 12	2.00 2.00						2			28.0' X 14+14		X		X												SIGN ID CODE M3-4 SIGN ID CODE M3-I		E-I36A E-I36B							
	4 VERMONT 100	I I	24 30	24 24	4.00 5.00																									SIGN ID CODE MI-4 SIGN ID CODE MI-5		E-I36A E-I36B							
BRIDGEWATER: 0+00.0, RT	0040 1405 0000	I	6	10	0.42									8.0'																SIGN ID CODE VD-700	NEW SIGN TO BE INSTALLED ON EXISTING POST.		E-I38						
	0040 1121 0854	I	6	10	0.42																									SIGN ID CODE VD-700	NEW SIGN TO BE INSTALLED ON EXISTING POST.		E-I38						
1+41.0, RT	R-6 EAST SOUTH	I I	24 24	12 12	2.00 2.00						2			30.0' X 15+15		X		X												SIGN ID CODE M3-2 SIGN ID CODE M3-3		E-I36A E-I36B							
	4 VERMONT 100	I I	24 30	24 24	4.00 5.00																									SIGN ID CODE MI-4 SIGN ID CODE MI-5		E-I36A E-I36B							
	↑ →	I I	21 21	15 15	2.19 2.19																									SIGN ID CODE M6-3 SIGN ID CODE M6-I		E-I36A E-I36B							
2+54.0, LT	R-I	I	12	36	3.00						I			11.0' X		X		X												SIGN ID CODE OM-3L		E-I20							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF		LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB				TRAFFIC SIGN SUMMARY SHEET #4	PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ss04.i		PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 41 OF 74					
					TOTALS					SF 46.41	SF	EA.	SF				LF -98.0 107.0	LF 98.0				LB			EA.	LB			EA.	EA.		LB							

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

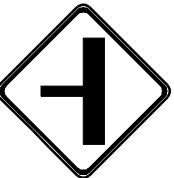
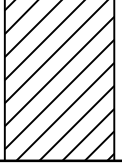
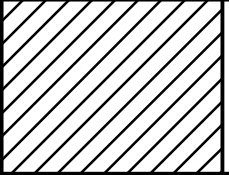
TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIRE FRAMING	REMARKS	SIGN DETAIL						
												FLANGED CHANNEL		SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL					DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.12	1b/ft	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0			5.0	FTG. SIZE		WEIGHT	POST SIZE	24"	30"
																															1.12	2.0				
OPTION ITEMS																																				
BRIDGEWATER: 5+65.0, LT	  	I	24	12	2.00						2										2	194.0										X	SIGN ID CODE M3-3 SIGN ID CODE M3-4 SIGN ID CODE M3-1		E-136B E-136A E-136B	
R-9	  	I	30	24	5.00																												SIGN ID CODE MI-5 SIGN ID CODE MI-4 SIGN ID CODE MI-5		E-136B E-136A E-136B	
	  	I	21	15	2.19																												SIGN ID CODE M6-1 SIGN ID CODE M6-3 SIGN ID CODE M6-3		E-136B E-136A E-136B	
5+74.0, LT	R-3 							I			I		13.0'	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.	-	-	
	 	I	30	30	6.25																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138	
6+17.0, RT		I	24	12	2.00						I		14.0'	X		X		X															SIGN ID CODE M3-2		E-136A	
		I	24	24	4.00																												SIGN ID CODE MI-4		E-136A	
6+22.0, LT	R-1 	I	24	30	5.00						I		13.0'	X		X		X															SIGN ID CODE VR-017		E-141	
7+65.0, LT	R-4 	I	72	12	6.00						2		32.0'	X		X		X															SIGN ID CODE DI-1		E-123	
		I	72	12	6.00																													SIGN ID CODE DI-1		E-123
		I	72	12	6.00																													SIGN ID CODE DI-1		E-123
		I	72	12	6.00																															

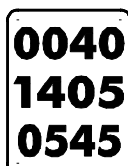
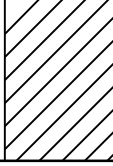
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL				TUBULAR ALUMINUM			TUBULAR STEEL				W-SHAPE STEEL			REQUIREMENTS	REMARKS	SIGN DETAIL				
												lb/ft			lb/ft		lb/ft		lb/ft		lb/ft		lb/ft		lb/ft		lb/ft				lb/ft		lb/ft		lb/ft
		1.12	2.0	3.0	1.75	2.0	2.5	3.0				4.0	4.0 MOD	3.0	4.0	4.0 MOD	3.0	3.5	4.0	5.0	24"	30"	WEIGHT	POST SIZE											
		1.12	2.0	3.0	1.75	2.0	2.5	3.0				4.0	4.0 MOD	3.0	4.0	4.0 MOD	3.0	3.5	4.0	5.0	24"	30"	WEIGHT	POST SIZE											
												OPTION ITEMS																							
BRIDGEWATER: 8+17.0, RT	R-1		I	24	30	5.00						I			14.0' X		X		X													SIGN ID CODE R2-1		E-142	
10+28.0, LT	R-2		I	36	36	9.00						2			16.0' X																	SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W1-2Mc R	62		
			I	24	24	4.00																										SIGN ID CODE W13-1		E-155	
10+56.0, RT			I	6	10	0.42						I	X		8.5'	X			X													SIGN ID CODE VD-700		E-138	
12+25.0, LT	R-1		I	30	18	3.75						I			12.0' X		X		X														E-128A E-128B		
13+78.0, LT	R-1		I	21	15	2.19						I			16.0' X		X		X													SIGN ID CODE M2-1		E-136B	
			I	30	24	5.00																										SIGN ID CODE M1-5		E-136B	
21+12.0, LT	R-1		I	6	10	0.42						I	X		8.0'	X			X													SIGN ID CODE VD-700		E-138	
31+68.0, LT			I	6	10	0.42						I	X		8.0'	X			X													SIGN ID CODE VD-700		E-138	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #7		PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(1)S		
												LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB					FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b0					

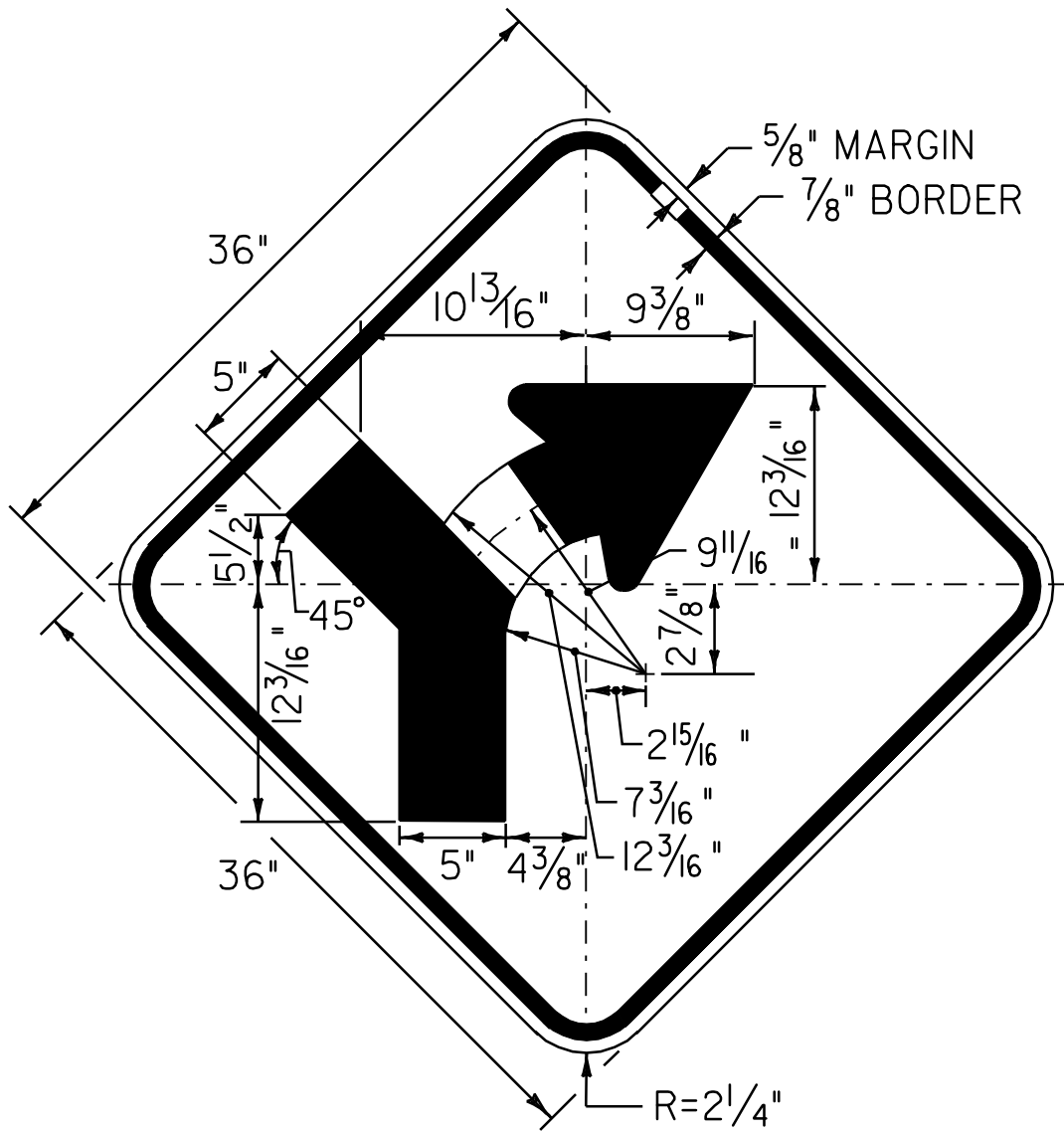
STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 14																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																												REMARKS	SIGN DETAIL	
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUIR ED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER									
		lb/ft	3.0	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE														
																								1.12	2.0			1.88	2.16				3.35	1.3	1.7	1.7	7.6	9.0		10.8	14.6
										OPTION ITEMS																															
BRIDGEWATER: I35+50.0, LT		I	24	12	2.00						I			14.0' X		X		X															SIGN ID CODE M3-4		E-I36A						
		I	24	24	4.00																												SIGN ID CODE MI-4		E-I36A						
I37+28.0, RT		I	6	10	0.42						I	X		8.0'	X			X															SIGN ID CODE VD-700		E-I38						
I39+50.0, LT		I	30	30	6.25						I			14.0' X		X		X															SIGN ID CODE W2-2M		E-I55						
I47+48.0, RT	R-I 	I	36	36	9.00						2			28.0' X 14+14																			SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE S3-I		E-I53						
I47+84.0, LT		I	6	10	0.42						I	X		8.0'	X			X															SIGN ID CODE VD-700		E-I38						
I49+59.0, LT	R-I 	I	12	36	3.00						I			11.0' X		X		X															SIGN ID CODE OM-3L		E-I20						
I50+15.0, RT	R-I 	I	12	36	3.00						I			11.5' X		X		X															SIGN ID CODE OM-3R		E-I20						
		I	6	8	0.33																												SIGN ID CODE VD-70I		E-I34						
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."											LF 28.0	LF 28.0	LF 56.0 (28.0)	94.5		LF 28.0	LF 56.0	LF 28.0		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #14	PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S							
					TOTALS	SF 28.42	SF	EA.	SF		LF 84.0 (28.0)	94.5	LF 84.0		LB		EA.	LB		EA.	EA.	LB	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ssl4.1		PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 51 OF 74																

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 18																																							
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL											
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	SAL VAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUIRE D		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER										
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE														
																										1.2	2.0							3.0	1.88	2.16	3.35	1.3	1.7	1.7	7.6	9.0	10.8
BRIDGEWATER: 242+93.0, LT											R-I		I	36	36	9.00							2			34.0 X 17+17															SIGN TO BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE S3-I		E-I53
			I	6	10	0.42																													SIGN ID CODE VD-700		E-I38						
253+44.0, RT	R-I		I	6	10	0.42						I	X		7.0'	X			X																SIGN ID CODE VD-700		E-I38						
264+00.0, LT	R-I		I	6	10	0.42						I	X		7.0'	X			X																SIGN ID CODE VD-700		E-I38						
274+03.2, LT	R-2	 	I	48	36	6.00						2			30.0' X 15+15																				SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS, BACK-TO-BACK SIGN ID CODE W14-3 SIGN ID CODE VR-417		E-I52 E-I41						
274+60.0, RT	R-I		I	24	30	5.00						I			14.0' X		X		X																SIGN ID CODE R4-I		E-I41						
			I	6	10	0.42																													SIGN ID CODE VD-700		E-I38						
280+86.0,RT	R-I		I	36	6	1.50						I			12.0' X		X		X																SIGN ID CODE D-3		E-I23						
281+95.0, LT	R-I		I	12	36	3.00						I			11.0' X		X		X																SIGN ID CODE OM-3L		E-I20						
282+06.0, RT	R-I		I	12	36	3.00						I			11.5' X		X		X																SIGN ID CODE OM-3R		E-I20						
			I	6	8	0.33																													SIGN ID CODE VD-701		E-I34						
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF 28.0	LF 28.0	LF 56.0	56.0 (56.0)	126.5	LF 28.0	LF 56.0	LF 56.0	EA.	LB	LB	LB		LB	LB	LB	LB															
						TOTALS				SF 35.76	SF	EA.	SF		LF 84.0	126.5 (56.0)	LF 84.0				LB			EA.	LB				EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #18		PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S									
																																		FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ssl8.i		PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 55 OF 74							

STATE OF VERMONT AGENCY OF TRANSPORTATION			TRAFFIC SIGN SUMMARY SHEET 19																																					
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL								
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL				SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL					RE QUIR ED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER						
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE											
																										1.2	2.0			1.88					2.16	3.35	1.3	1.7	1.7	7.6
											OPTION ITEMS																													
BRIDGEWATER: 283+76.0, LT	R-I 	I	12	36	3.00						I			11.5' X		X		X																SIGN ID CODE OM-3R		E-120				
		I	6	8	0.33																												SIGN ID CODE VD-70I		E-134					
283+93.0, RT	R-I 	I	12	36	3.00						I			11.0' X		X		X															SIGN ID CODE OM-3L		E-120					
285+47.0, RT	R-I 	I	36	36	9.00						2			32.0' X 16+16																			SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-5	62						
287+54.0, LT								I			I			14.0' 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.	-	-					
	R-2  	I	30	30	6.25																												BACK-TO-BACK SIGN ID CODE RI-I SIGN ID CODE VD-700	E-143 E-138						
287+83.0, RT	R-I 	I	30	18	3.75						I			14.0' X		X		X																E-128A E-128B						
288+12.0, LT	R-I 	I	24	30	5.00						I			14.0 X		X		X															SIGN ID CODE VR-017		E-141					
290+30.0, LT		I	72	12	6.00						2			28.0' X 14+14		X		X															SIGN ID CODE DI-I		E-123					
R-2		I	72	12	6.00																												SIGN ID CODE DI-I		E-123					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	98.0 98.0 124.5	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #19	PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S						
												LF	LF	LF	98.0 98.0 124.5	LF				98.0	LB	EA.	LB				EA.	EA.	LB	FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ssl9.i		PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 56 OF 74								

STATE OF VERMONT AGENCY OF TRANSPORTATION		TRAFFIC SIGN SUMMARY SHEET 20																																		
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL				
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QU I R E D		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	3.0	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE									
																								1.12	2.0			1.88	2.16					3.35	1.3	1.7
											OPTION ITEMS																									
BRIDGEWATER: 290+76.0, RT	R-2 JCT	I	21	15	2.19						I			14.0' X		X		X															SIGN ID CODE M2-I		E-I36B	
	VERMONT 100A	I	30	24	5.00																												SIGN ID CODE MI-5		E-I36B	
293+85.0, LT	R-I SPEED LIMIT 50	I	24	30	5.00						I			14.0' X		X		X															SIGN ID CODE R2-I		E-I42	
293+85.0, RT	R-I SPEED LIMIT 40	I	24	30	5.00						I			14.0' X		X		X															SIGN ID CODE R2-I		E-I42	
295+68.0, RT	↑ WOODSTOCK 8	I	72	12	6.00						2			32.0' X 16+16		X		X															SIGN ID CODE DI-I		E-I23	
R-3	↑ WHITE RIVER JCT 22	I	72	12	6.00																												SIGN ID CODE DI-I		E-I23	
	PLYMOUTH 6 →	I	72	12	6.00																												SIGN ID CODE DI-I		E-I23	
	PLYMOUTH UNION 7 →	I	72	12	6.00																												SIGN ID CODE DI-I		E-I23	
	0040 1405 0560	I	6	10	0.42																												SIGN ID CODE VD-700		E-I38	
296+18.0, LT	R-2 WEST	I	24	12	2.00						I			14.0' X		X		X															SIGN ID CODE M3-4		E-I36A	
	4	I	24	24	4.00																												SIGN ID CODE MI-4		E-I36A	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
												-84.0 88.0			84.0																					
												LF			LF				LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #20		PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S					
											-84.0 88.0			84.0														FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ss20.i			PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 57 OF 74					

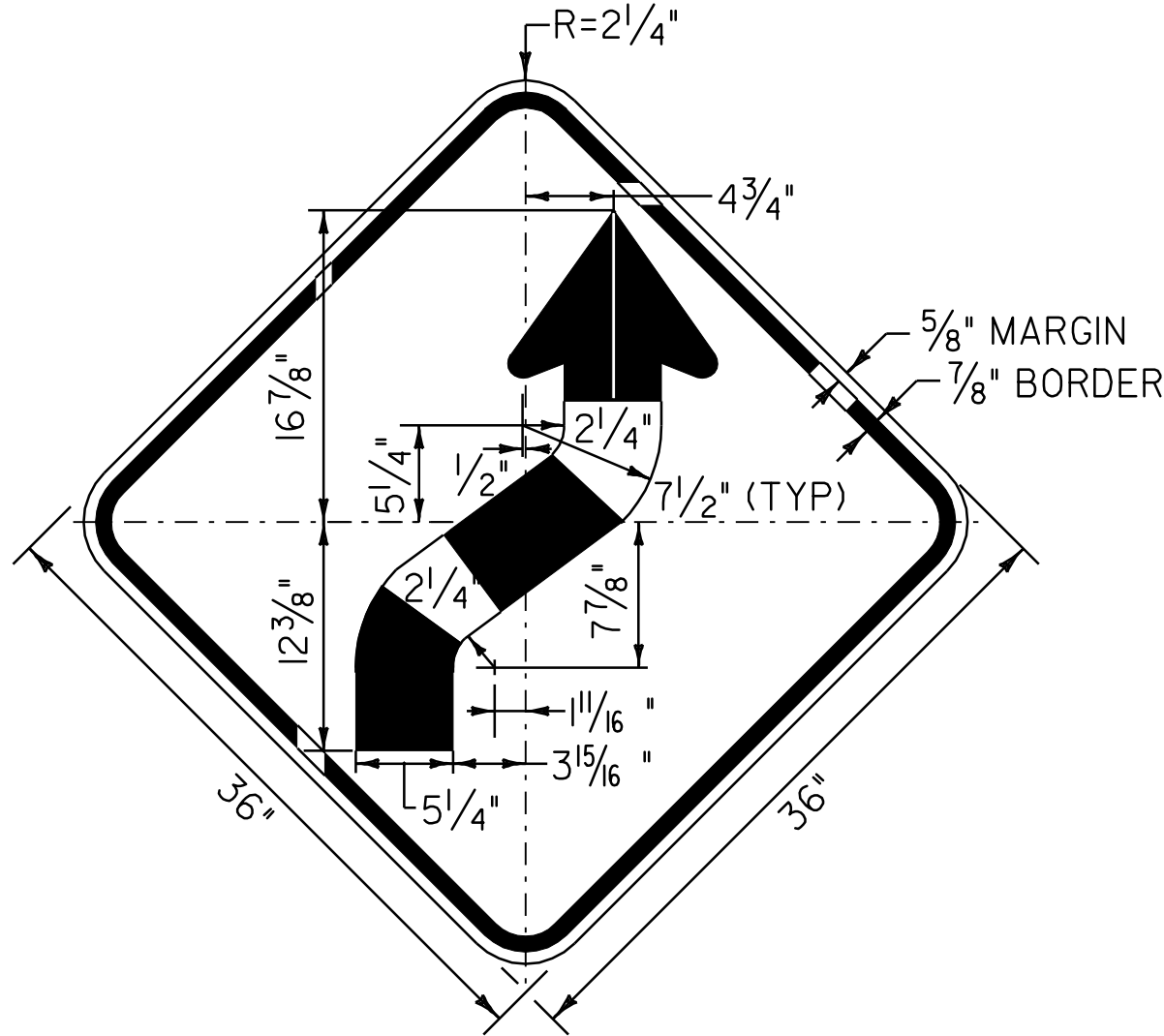
STATE OF VERMONT AGENCY OF TRANSPORTATION					TRAFFIC SIGN SUMMARY SHEET 22																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL				
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE FRUIT EED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/f+	1.75	2.0								2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE										
			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"							
										OPTION ITEMS																										
BRIDGEWATER: 304+00.0, RT	WOODSTOCK8	I	72	12	6.00						2			26.0' X 13+13		X		X															SIGN ID CODE DI-I		E-123	
	WHITE RIVER JCT22	I	72	12	6.00																											SIGN ID CODE DI-I		E-123		
304+38.0, LT	↑ W BRIDGEWATER6	I	72	12	6.00						2			32.0' X 16+16		X		X														SIGN ID CODE DI-I		E-123		
R-4	↑ RUTLAND23	I	72	12	6.00																											SIGN ID CODE DI-I		E-123		
	← PLYMOUTH6	I	72	12	6.00																											SIGN ID CODE DI-I		E-123		
	← PLYMOUTH UNION7	I	72	12	6.00																											SIGN ID CODE DI-I		E-123		
305+98.0, RT	R-2 SPEED LIMIT 40	I	24	30	5.00						I			16.0' X		X		X														SIGN ID CODE R2-I		E-142		
	DO NOT PASS	I	24	30	5.00																											SIGN ID CODE R4-I		E-141		
305+98.0, LT	R-2 SPEED LIMIT 40	I	24	30	5.00						I			16.0' X		X		X														SIGN ID CODE R2-I		E-142		
	DO NOT PASS	I	24	30	5.00																											SIGN ID CODE R4-I		E-141		
306+24.0, LT	0040 1405 0580	I	6	10	0.42						I			12.0' X		X		X														SIGN ID CODE VD-700		E-138		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
												-98.0			98.0																					
												-98.0 102.0			98.0				LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #22		PROJECT NAME: KILLINGTON - BRIDGEWATER PROJECT NUMBER: NH 2502(I)S					
					TOTALS	SF 56.42	SF	EA.	SF			-98.0 102.0			98.0				LB			EA.	LB			EA.	EA.	LB			FILE NAME: p05b036.dgn PROJECT LEADER: D.E.G. DESIGNED BY: J.S.P. IPARM FILE: p05b036+ss22.i		PLOT DATE: 15-MAY-2008 14 DRAWN BY: K.A.R. CHECKED BY: D.E.G. SHEET 59 OF 74			



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

MATERIAL: PER VAOT STANDARD E-151

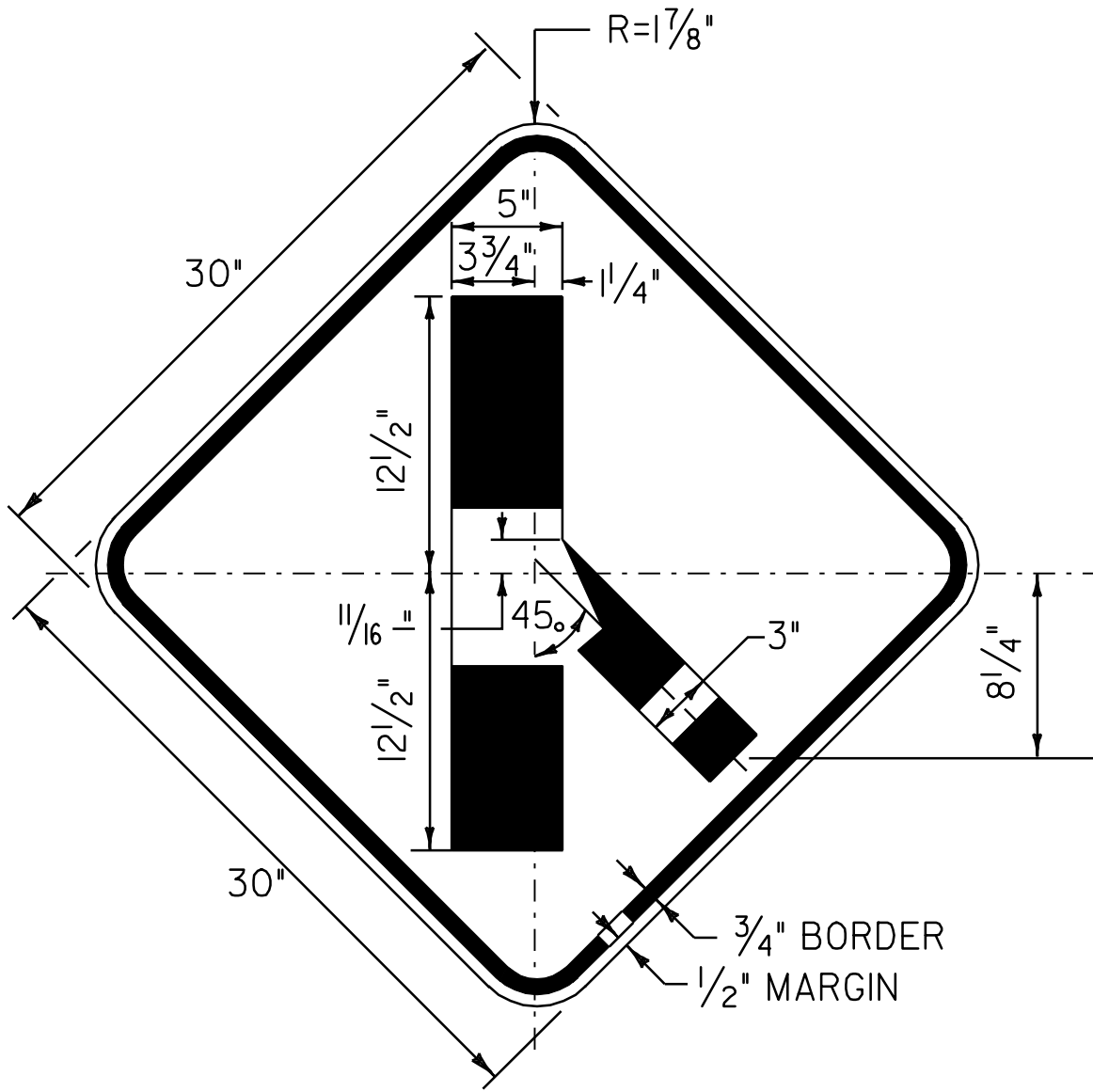
LOCATION: U.S. ROUTE 4
BRIDGEWATER:
STA. 10+28.0, LT



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

MATERIAL: PER VAOT STANDARD E-151

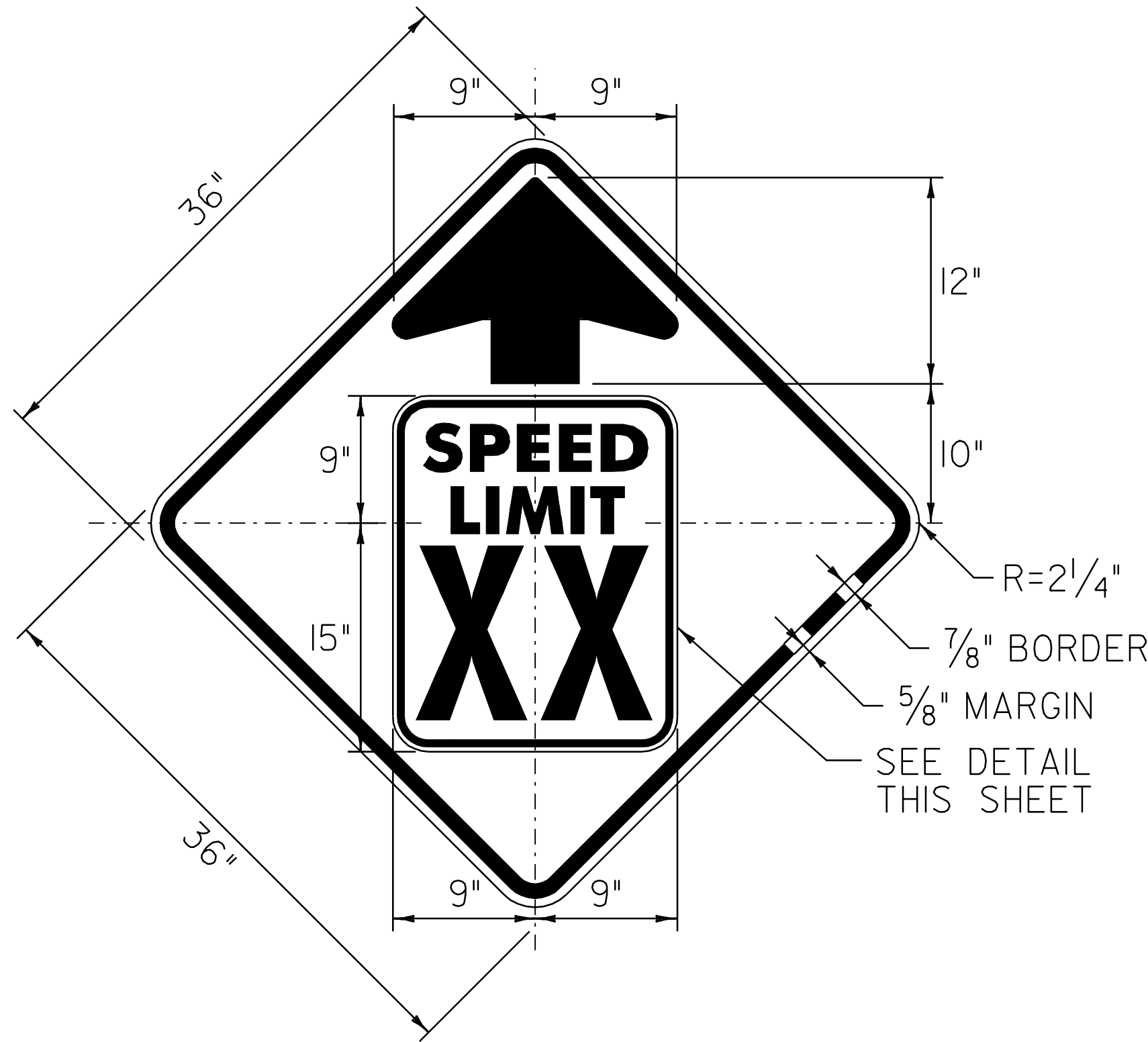
LOCATION: U.S. ROUTE 4
BRIDGEWATER:
STA. 316+46.0, RT



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

MATERIAL: PER VAOT STANDARD E-155

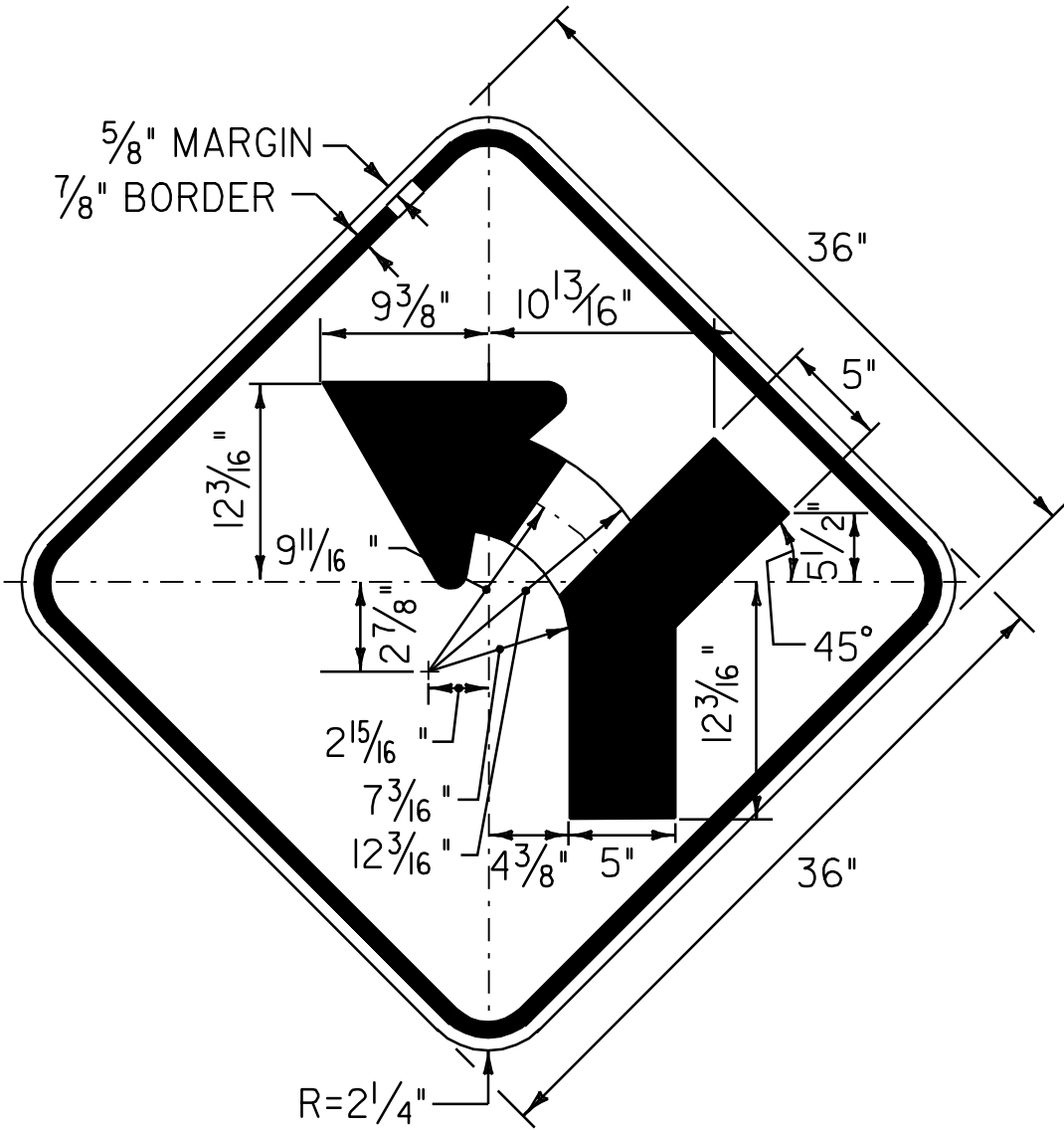
LOCATION: U.S. ROUTE 4
BRIDGEWATER:
STA. 88+30.0, RT



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

MATERIAL: PER VAOT STANDARD E-151

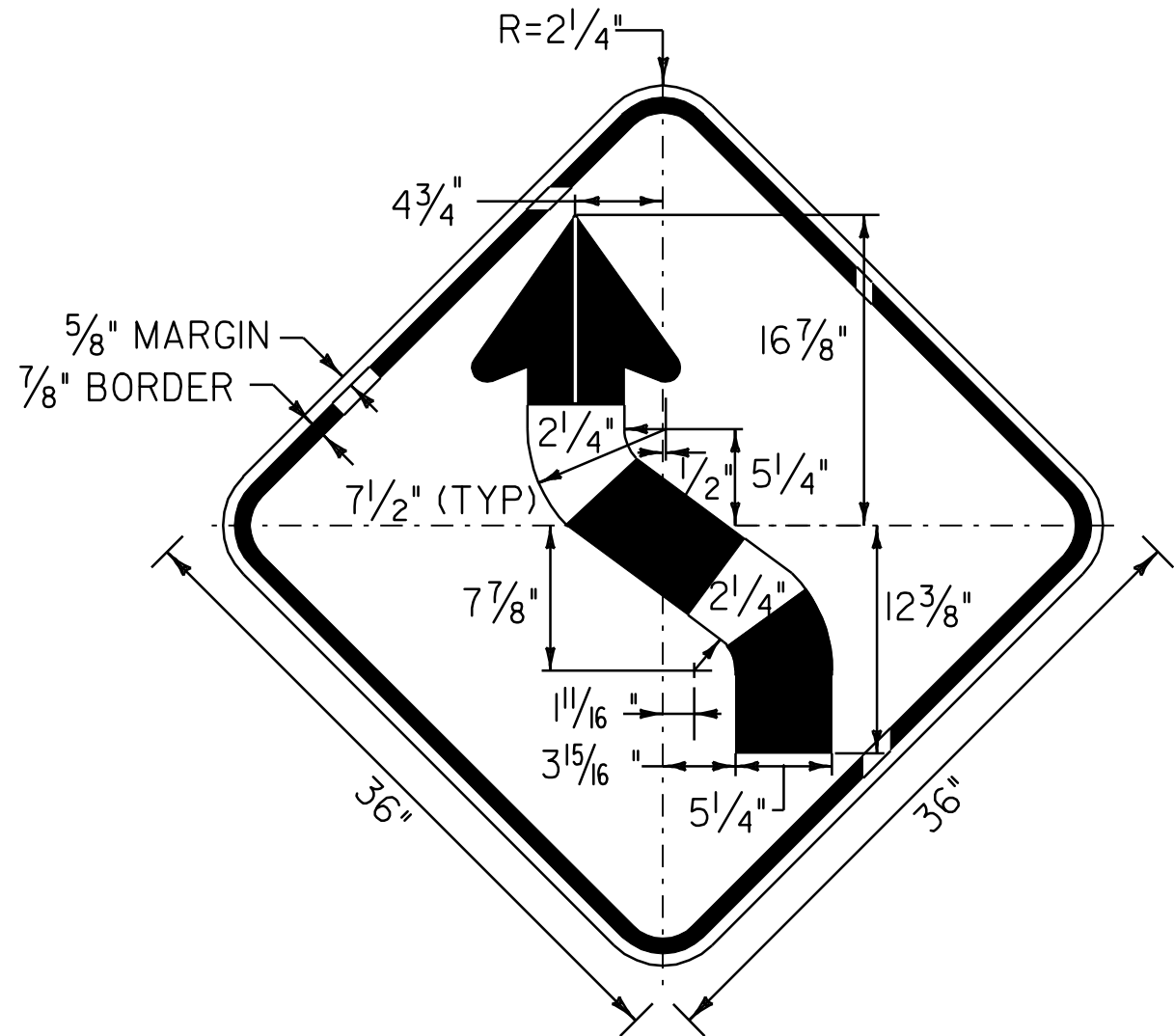
LOCATION: U.S. ROUTE 4
BRIDGEWATER
STA. 285+47.0, RT



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

MATERIAL: PER VAOT STANDARD E-151

LOCATIONS: U.S. ROUTE 4
KILLINGTON:
STA. 440+54.0, RT



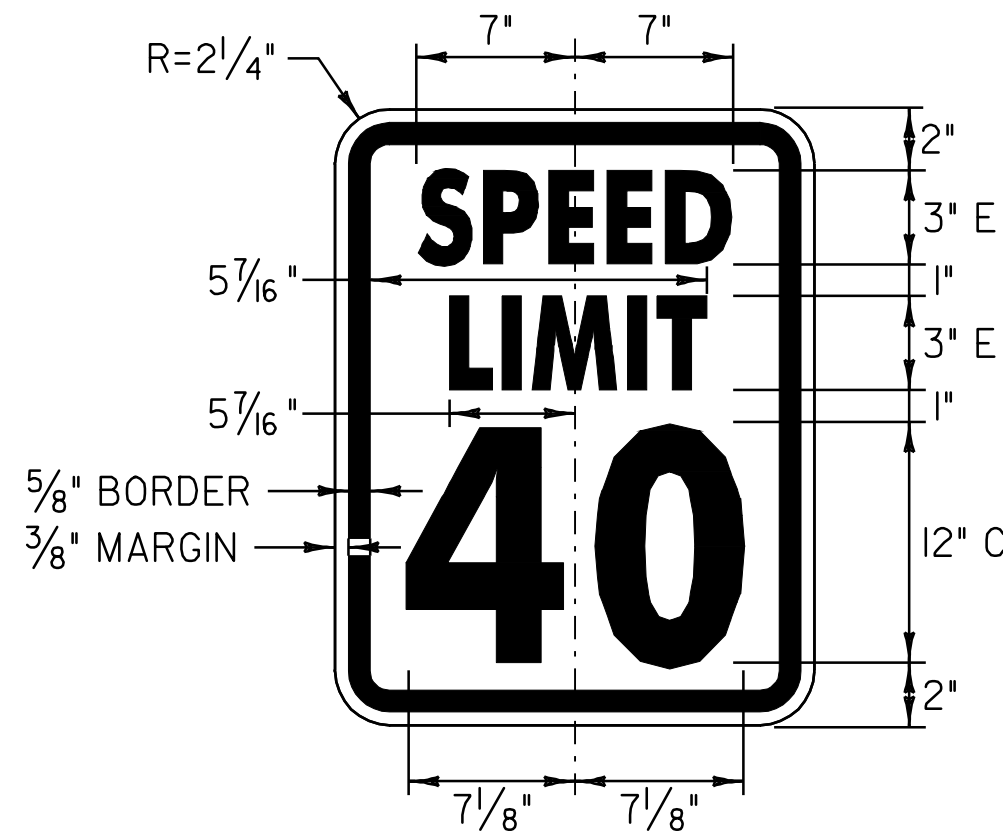
COLOR: BLACK BORDER & LEGEND (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-151

LOCATIONS: U.S. ROUTE 4
BRIDGEWATER:
STA. 80+00.0, RT
STA. 115+11.0, LT

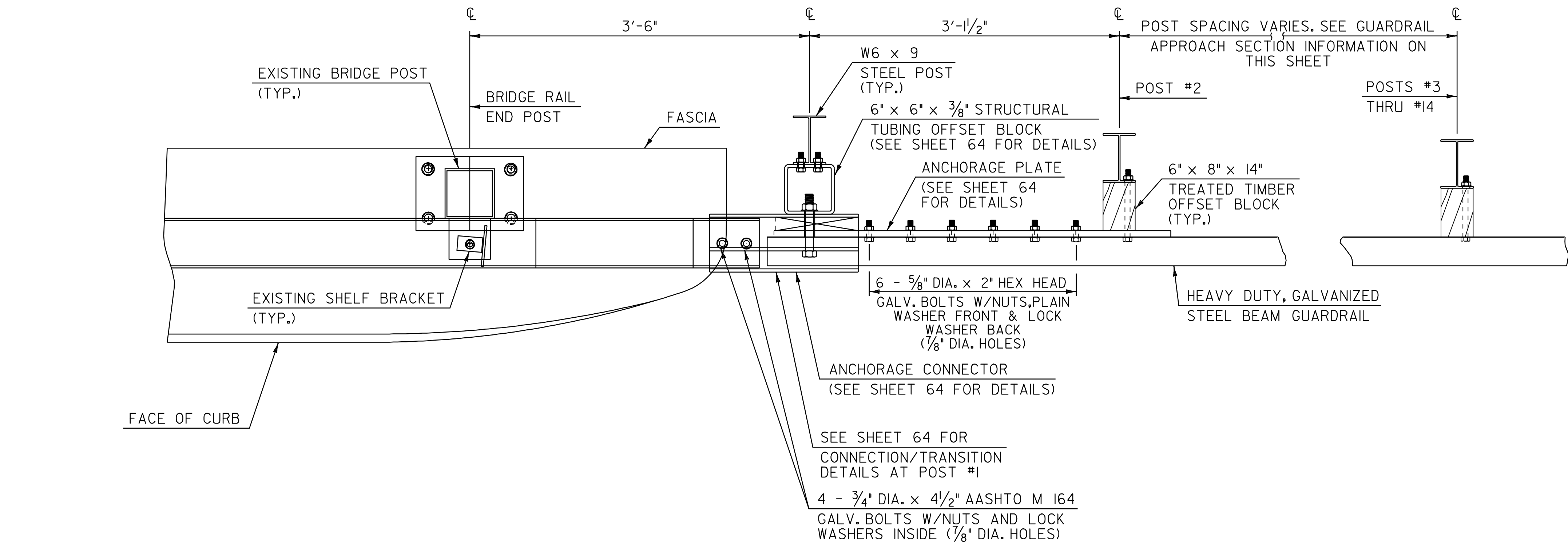
NOTE:

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 SECTION BEFORE FABRICATION.



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

NOT TO SCALE	
TRAFFIC SIGN DETAIL SHEET	PROJECT NAME: KILLINGTON - BRIDGEWATER
	PROJECT NUMBER: NH 2502(1)S
	FILE NAME: p05b036.dgn
	PLOT DATE: 15-MAY-2008 14
TRAFFIC SIGN DETAIL SHEET	PROJECT LEADER: D.E.G.
	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.
	CHECKED BY: D.E.G.
TRAFFIC SIGN DETAIL SHEET	IPARM FILE: p05b036+sd01.i
	SHEET 62 OF 74

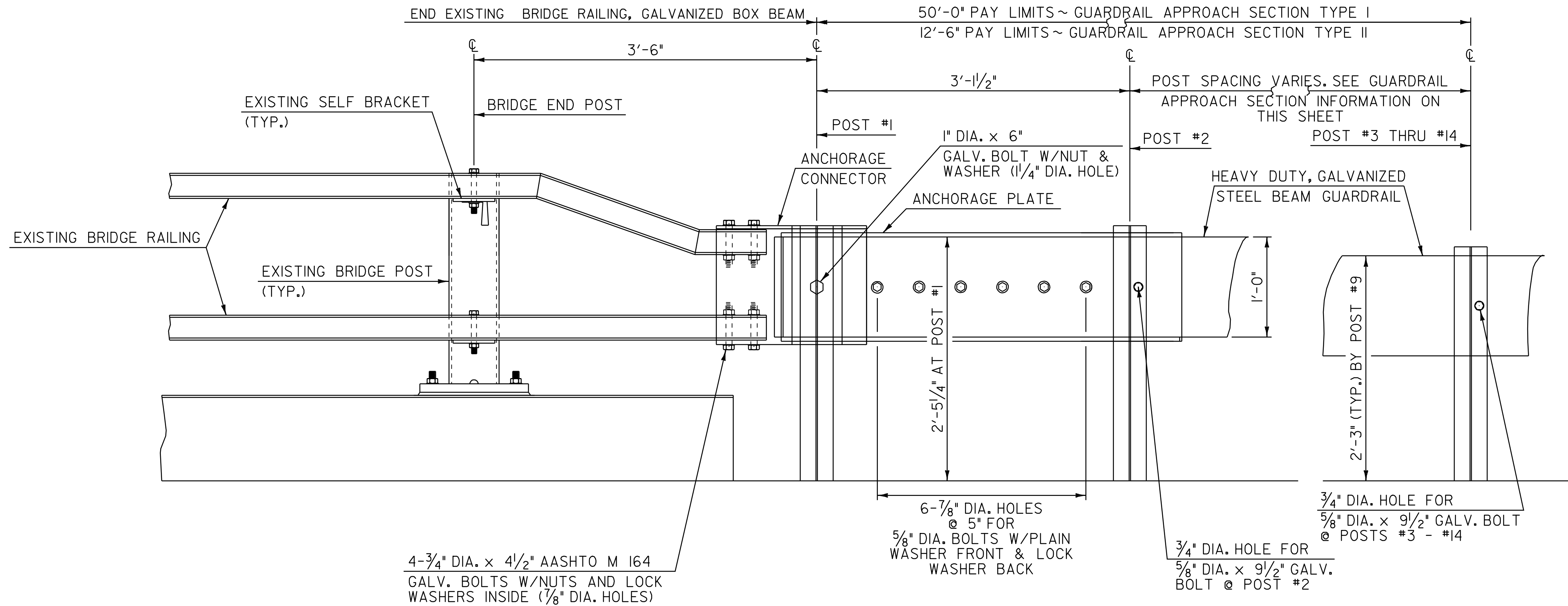


PLAN

GUARDRAIL
APPROACH SECTION,
TYPE I

POST NO.	SPACING
1	3'-1 1/2"
2	3'-1 1/2"
3	3'-1 1/2"
4	3'-1 1/2"
5	3'-1 1/2"
6	3'-1 1/2"
7	3'-1 1/2"
8	3'-1 1/2"
9	3'-1 1/2"
10	4'-2"
11	4'-2"
12	4'-2"
13	6'-3"
14	6'-3"

50'-0" PAY LIMIT GUARDRAIL
APPROACH SECTION, TYPE I



ELEVATION
GUARDRAIL APPROACH SECTION DETAIL

GUARDRAIL
APPROACH SECTION,
TYPE II

POST NO.	SPACING
1	3'-1 1/2"
2	4'-8 3/4"
3	4'-8 3/4"
4	4'-8 3/4"

12'-6" PAY LIMIT
GUARDRAIL
APPROACH SECTION,
TYPE II

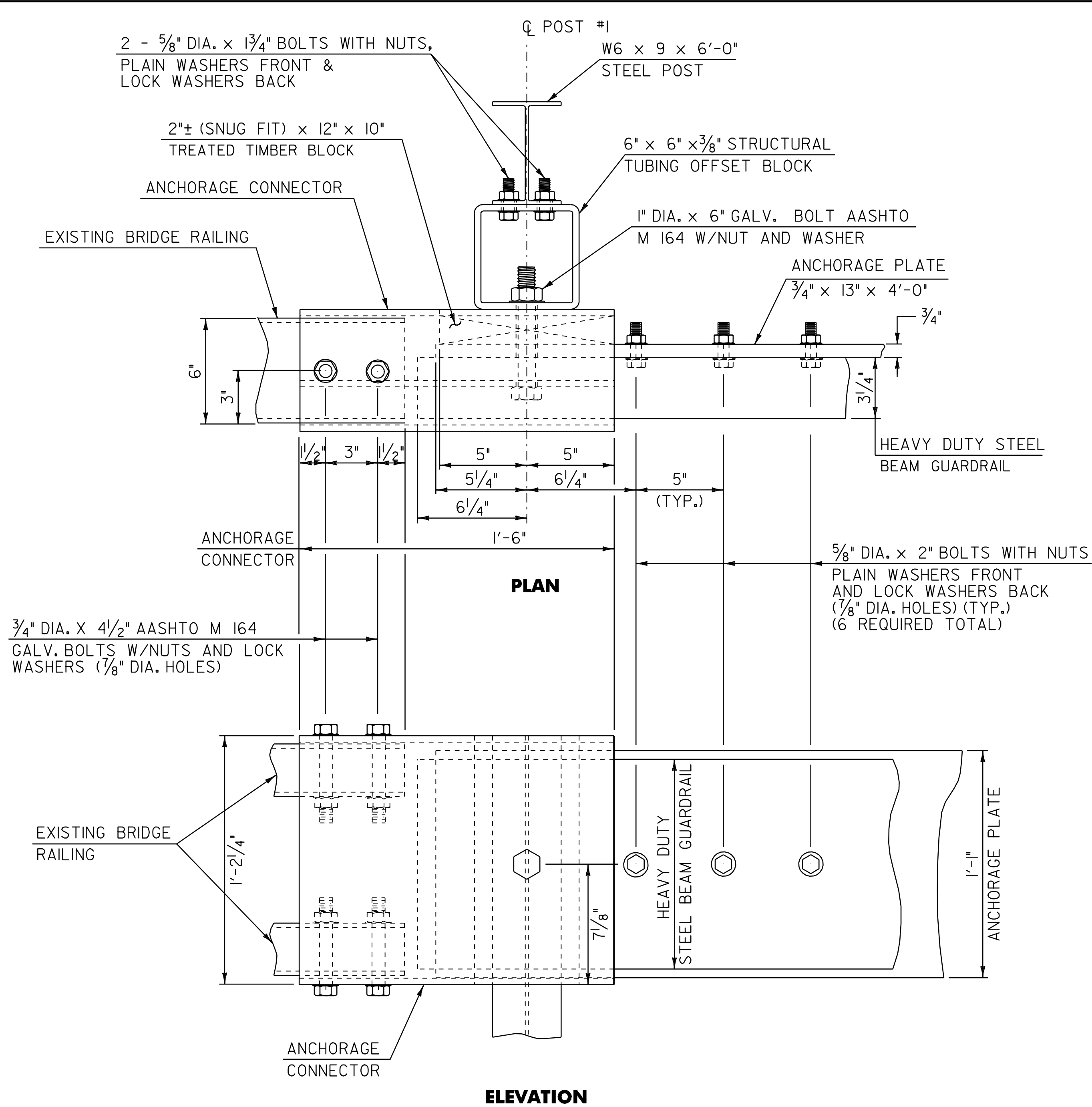
NOT TO SCALE

GUARDRAIL
APPROACH
SECTION
DETAIL SHEET #1

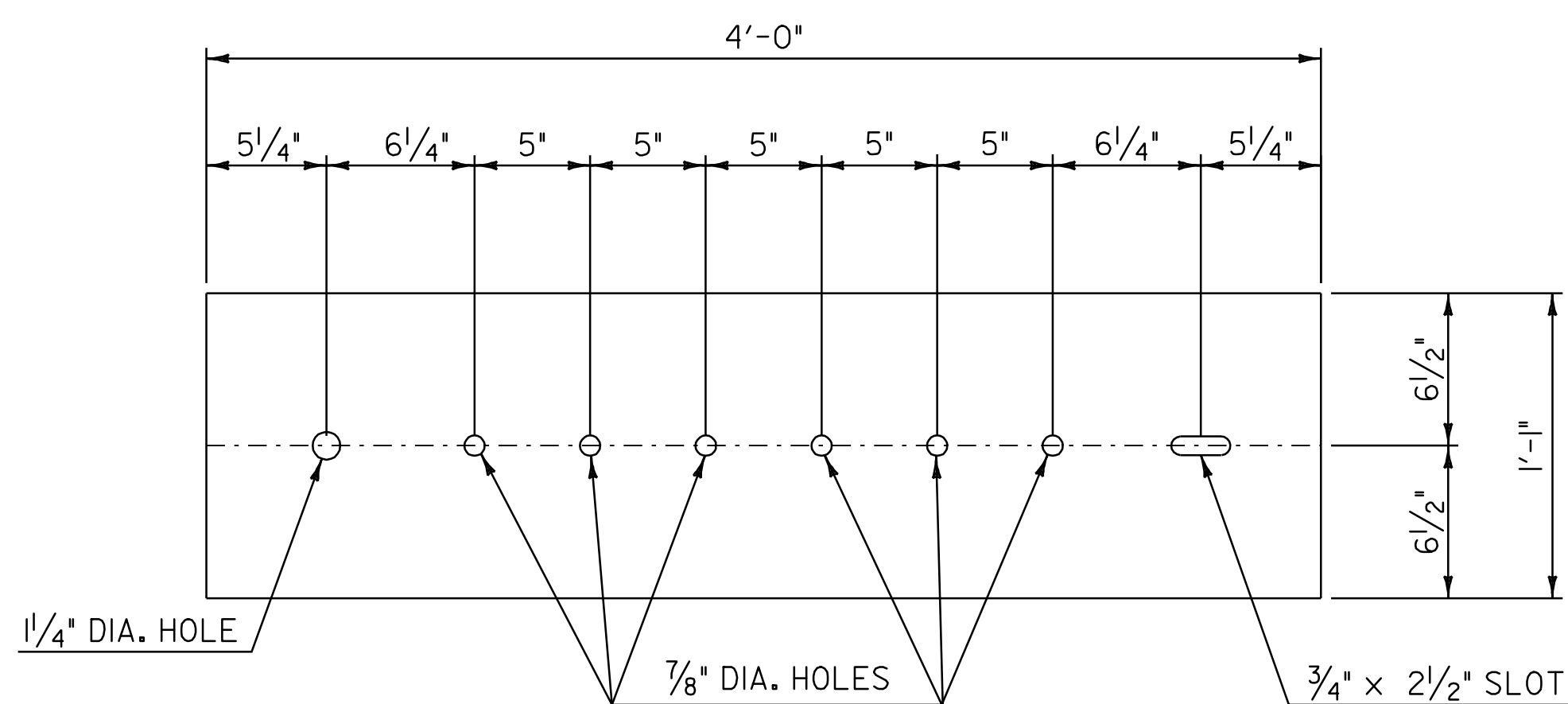
PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036gdl.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 63 OF 74



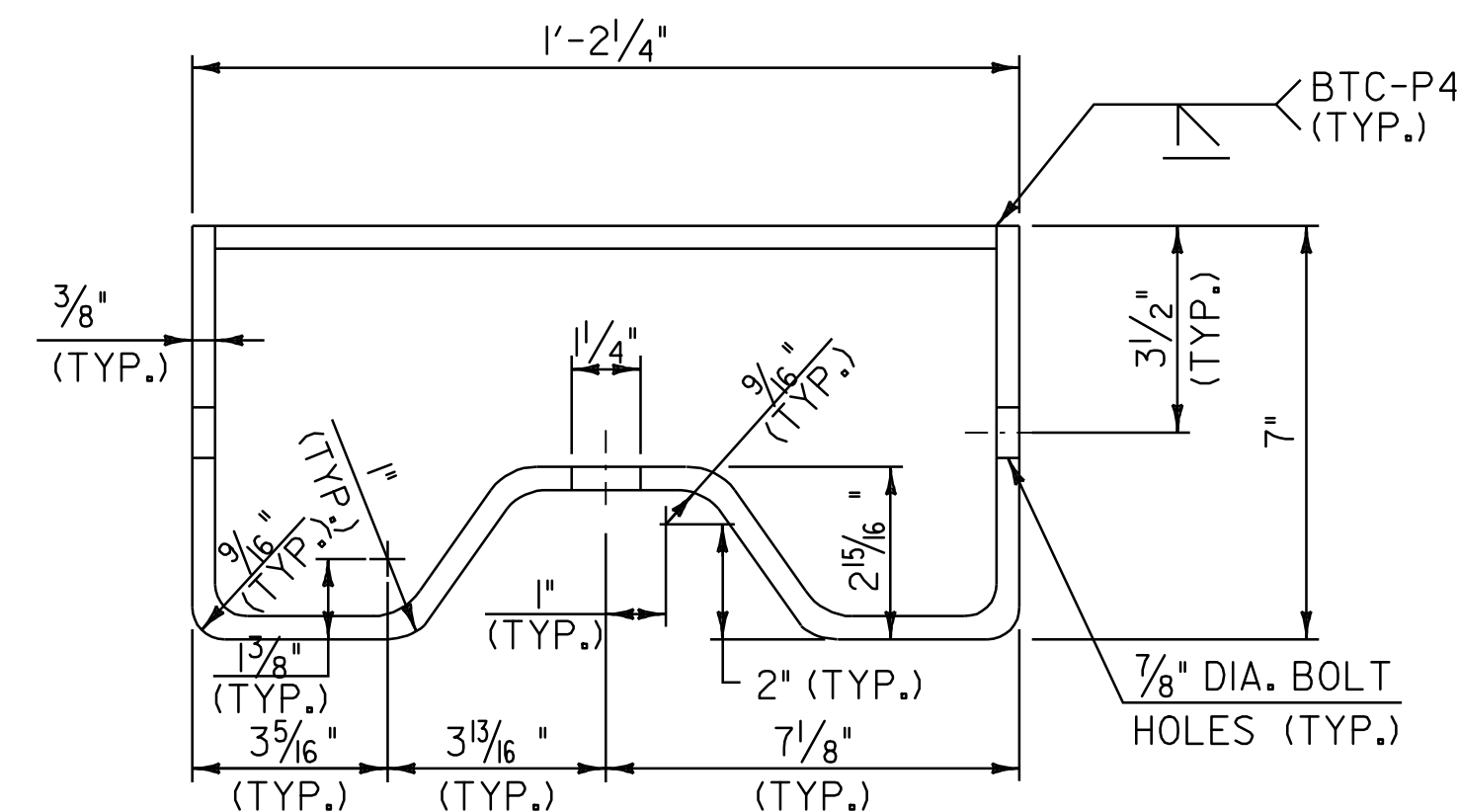
CONNECTION DETAILS AT POST #1



ANCHORAGE PLATE DETAIL

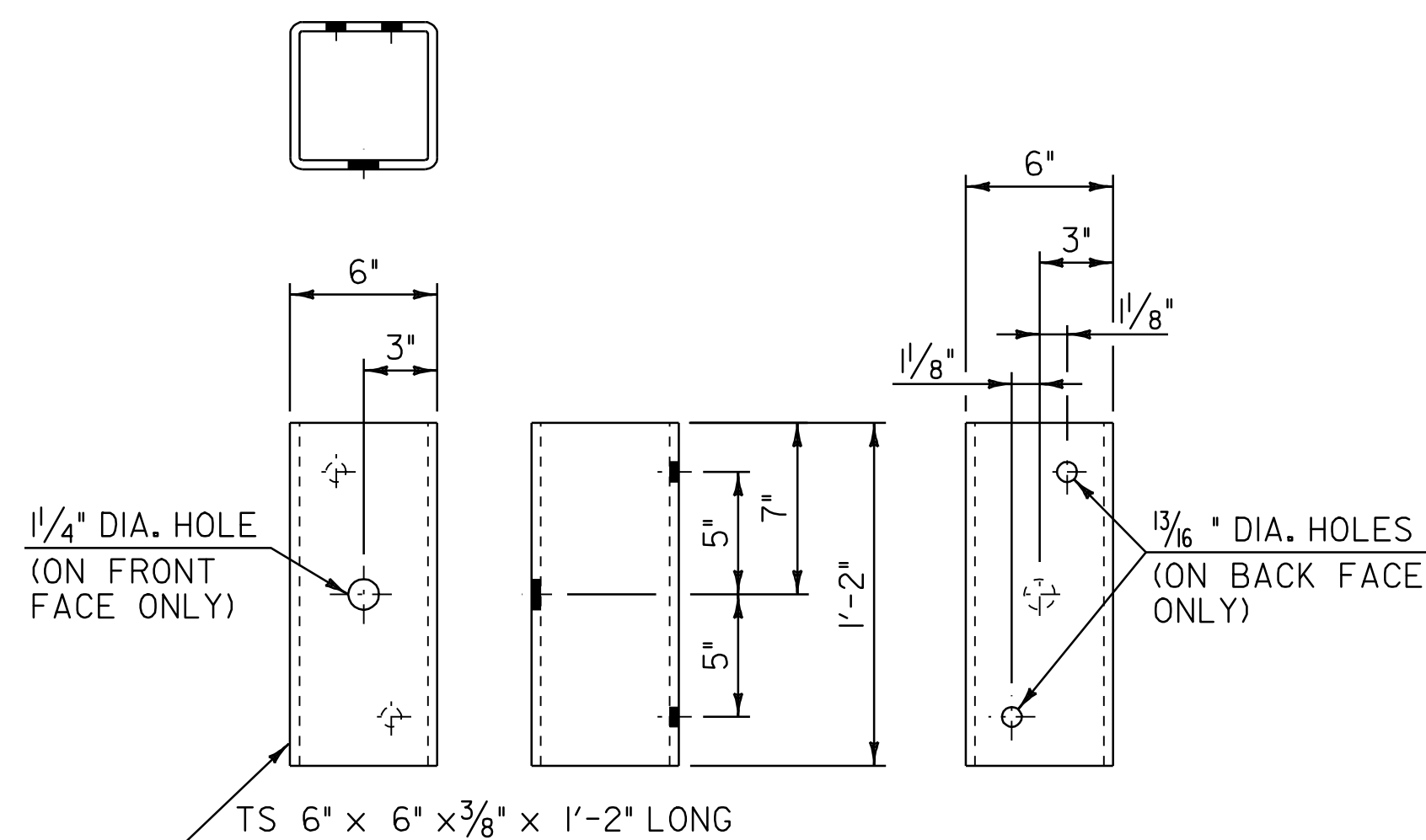
NOTES

1. REFER TO STANDARD G-1 FOR ADDITIONAL RAIL DETAILS.
2. ALL POSTS FOR HEAVY DUTY STEEL BEAM GUARDRAIL SHALL BE STEEL IN ACCORDANCE WITH SECTION 728 "GUARDRAIL, GUIDE POSTS AND BARRIERS" UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.
3. APPROACH RAIL SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. ANCHORAGE CONNECTOR AND ANCHORAGE PLATE SHALL BE AASHTO M 270, GRADE 250 GALVANIZED TO AASHTO M III AFTER FABRICATION.
5. ALL BOLTS, NUTS AND WASHERS SHALL BE AASHTO M 164 GALVANIZED TO AASHTO M '232 AFTER FABRICATION.
6. STRUCTURAL TUBING OFFSET BLOCK SHALL BE AASHTO M 183 GALVANIZED TO AASHTO M III AFTER FABRICATION.
7. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 50'-0" FROM THE Q OF POST #1 FOR TYPE I AND 12'-6" FROM THE Q OF POST #1 FOR TYPE II.
8. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS ±1/16".
9. THE UNIT PRICES BID FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION SHALL INCLUDE ANCHORAGE CONNECTOR, ANCHORAGE PLATE, HEAVY DUTY STEEL BEAM GUARDRAIL, POSTS, OFFSET BLOCKS, BLOCKING, BOLTS, AND ALL NECESSARY HARDWARE.



ANCHORAGE CONNECTOR DETAIL

(SEE NOTE 8)



STRUCTURAL TUBING OFFSET BLOCK DETAILS

(OCCURS AT POST #1 WHEN USING APPROACH RAIL UTILIZING STEEL POSTS)

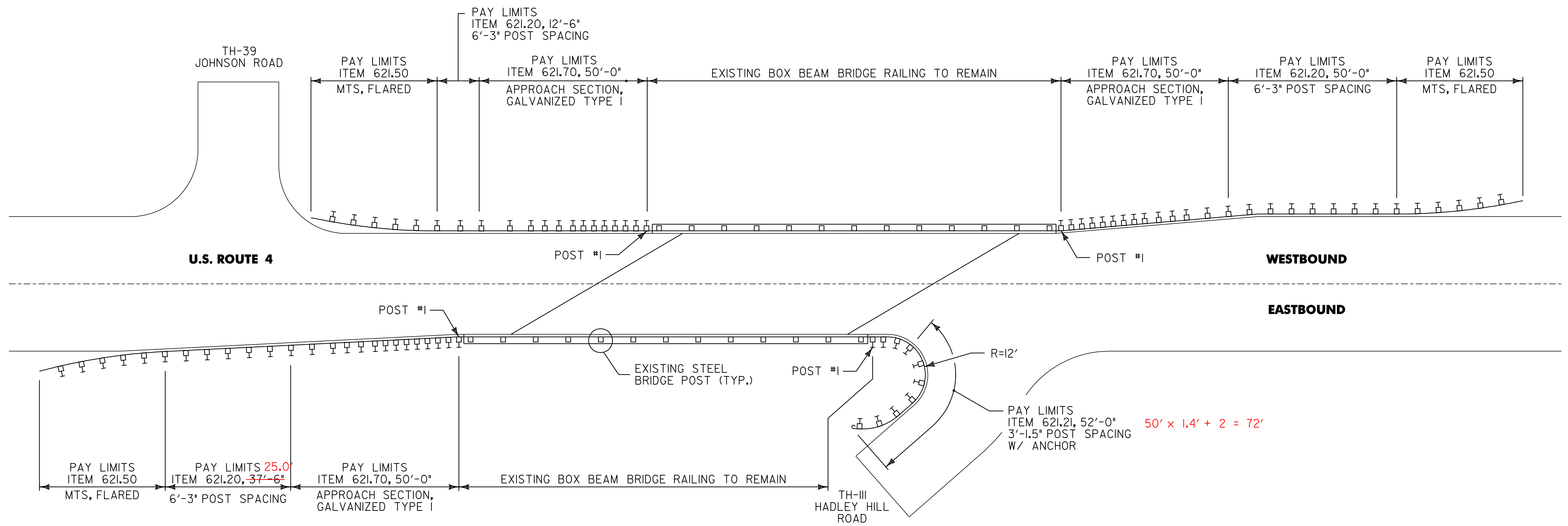
NOT TO SCALE

**GUARDRAIL
APPROACH
SECTION
DETAIL SHEET #2**

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(1)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036gd2.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 64 OF 74



BR 34 KILLINGTON MM 8.283 = STA. 437+34.24

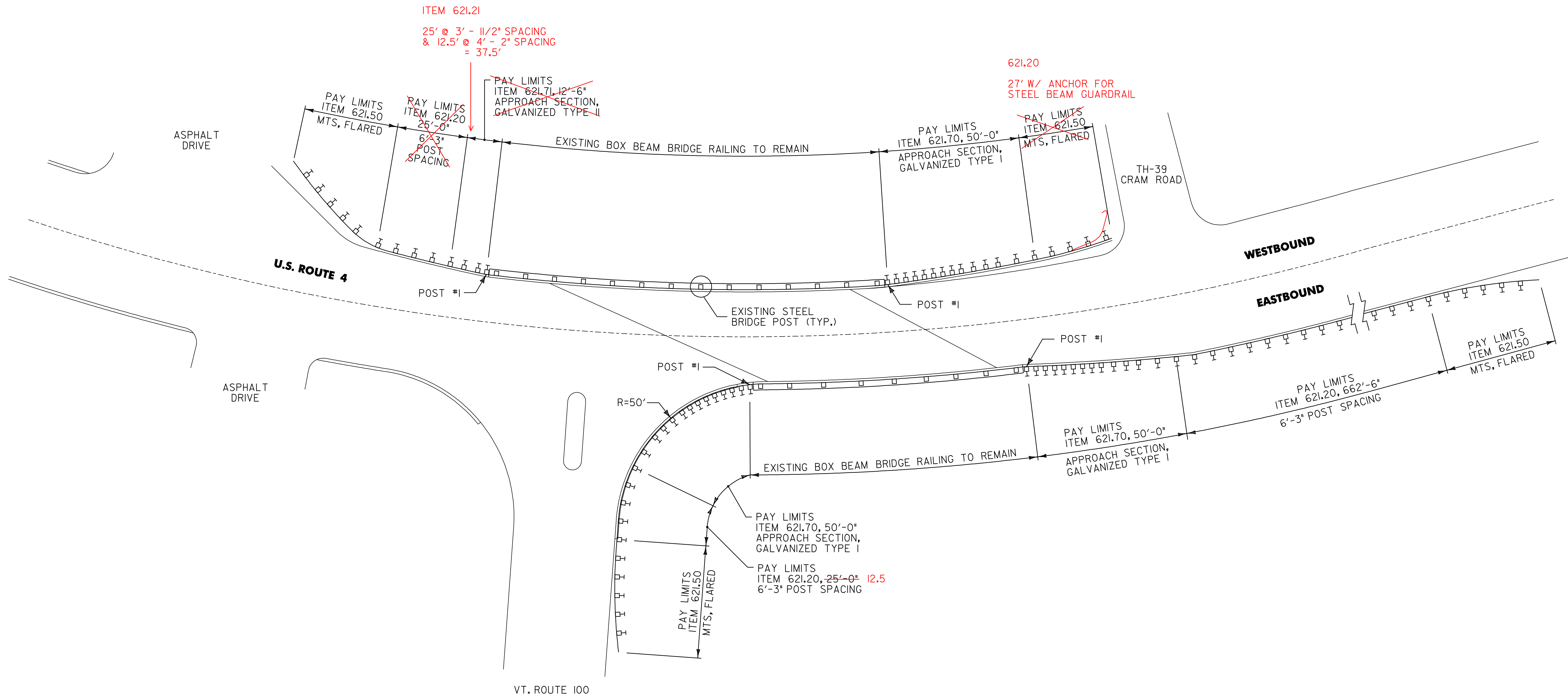
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #1**

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

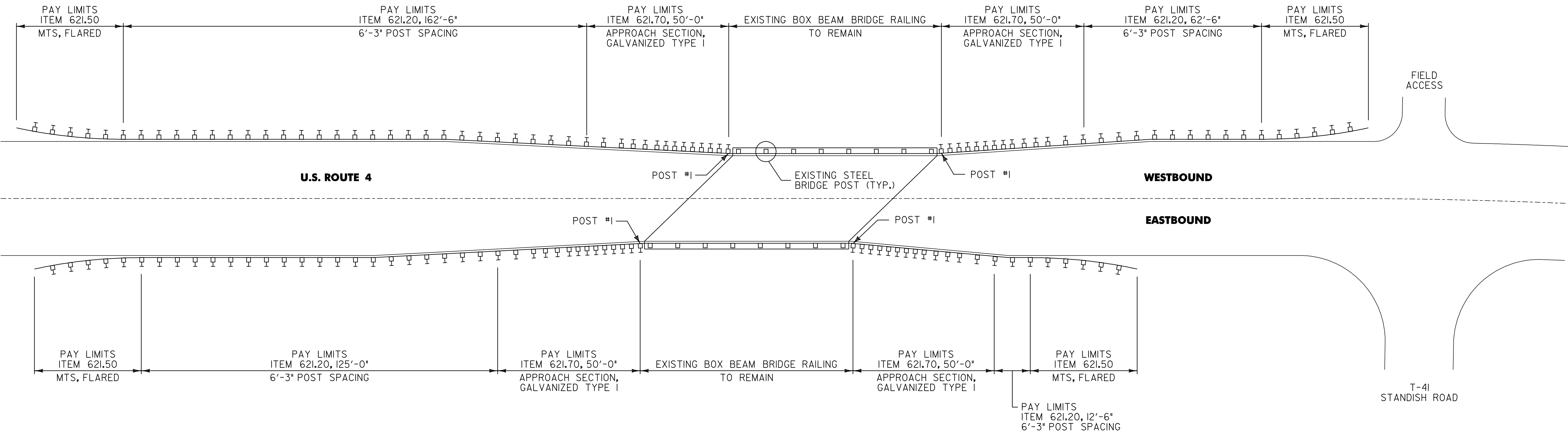
FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036bd01.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 65 OF 74



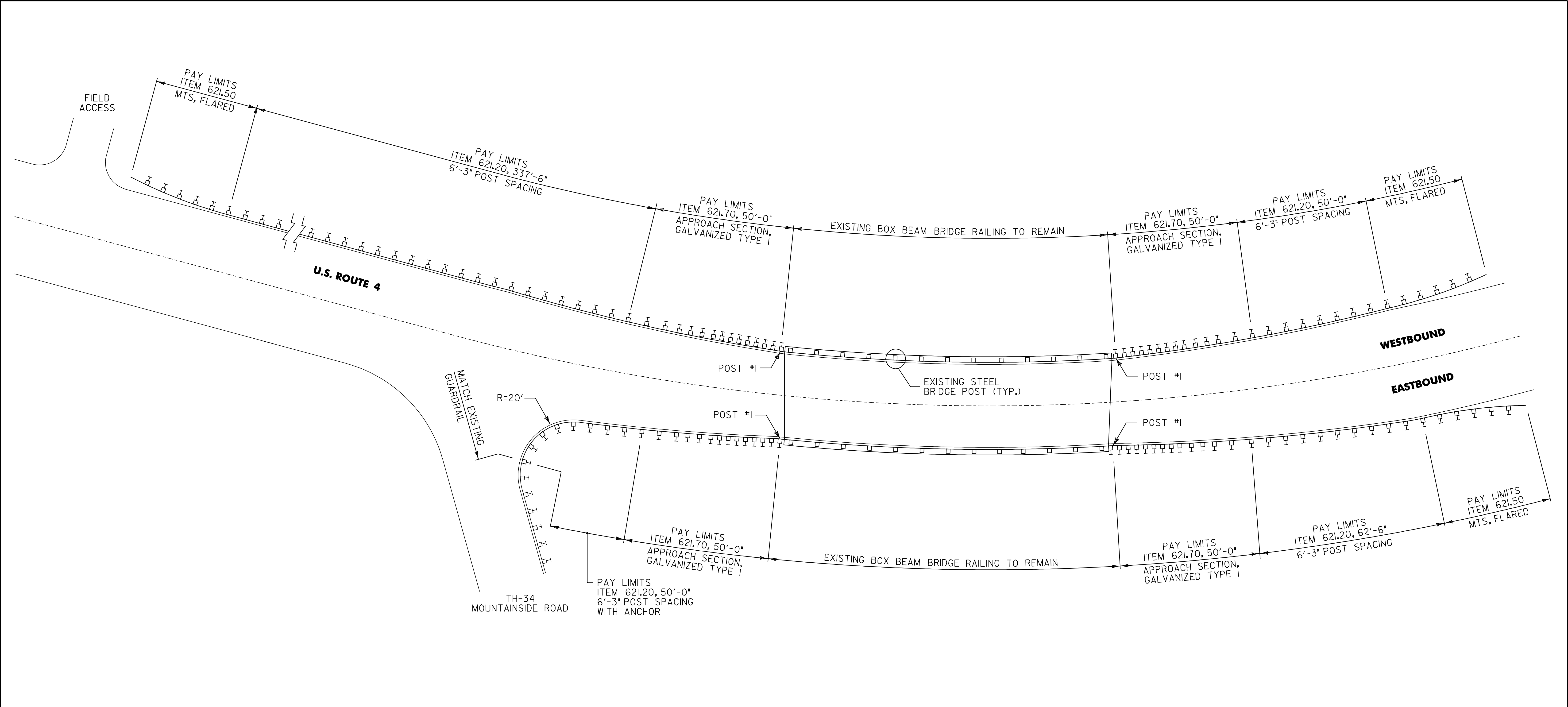
BR 35 BRIDGEWATER MM 0.079 = STA. 4+17.12

NOT TO SCALE BRIDGE DETAIL SHEET #2	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(I)S	
	FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
	IPARM FILE: p05b036bd02.i	SHEET 66 OF 74



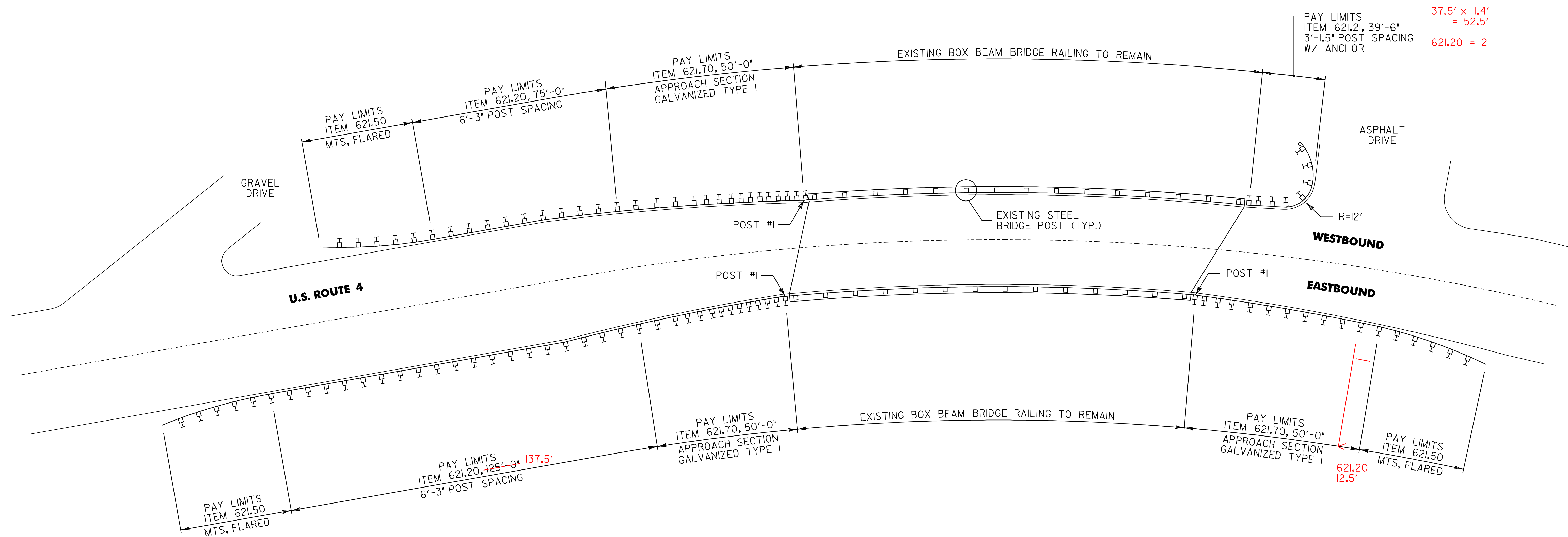
BR 38 BRIDGEWATER MM 1.271 = STA. 67+10.88

NOT TO SCALE BRIDGE DETAIL SHEET #3	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(I)S	
	FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
	IPARM FILE: p05b036bd04.i	SHEET 67 OF 74



BR 39 BRIDGEWATER MM 1.617 = STA. 85+37.76

NOT TO SCALE	BRIDGE DETAIL SHEET #4	
	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(I)S	
	FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
	IPARM FILE: p05b036bd04.i	SHEET 68 OF 74



BR 40 BRIDGEWATER MM 2.252 = STA. 118+90.56

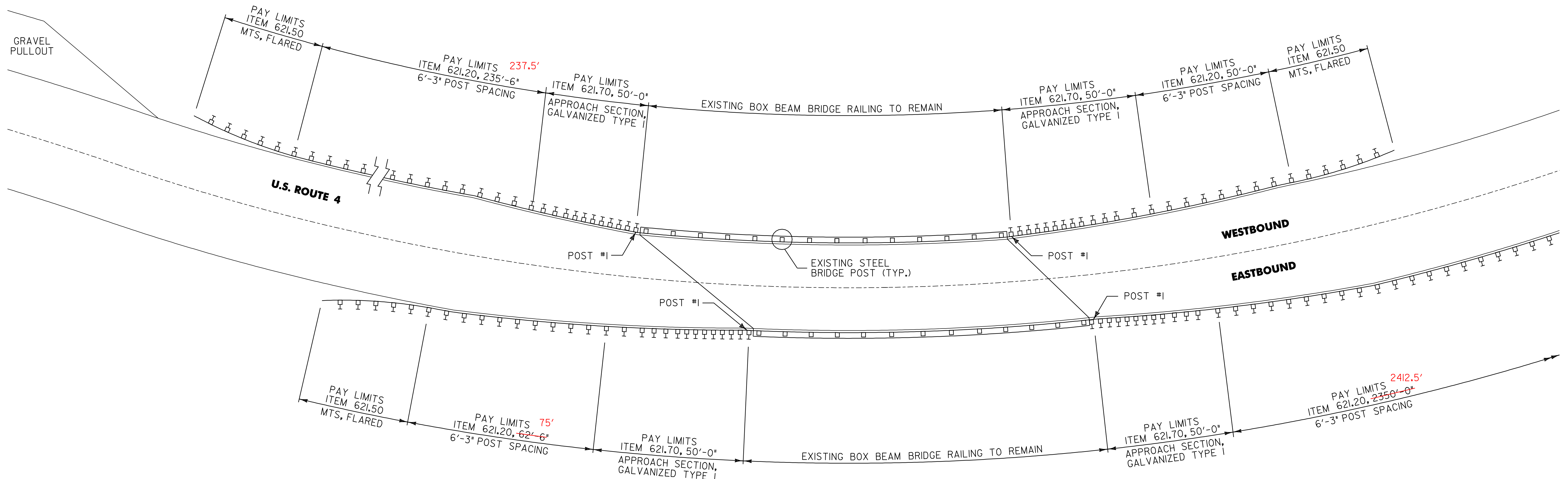
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #5**

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036bd05.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 69 OF 74



BR 42 BRIDGEWATER MM 2.855 = STA. 150+74.40

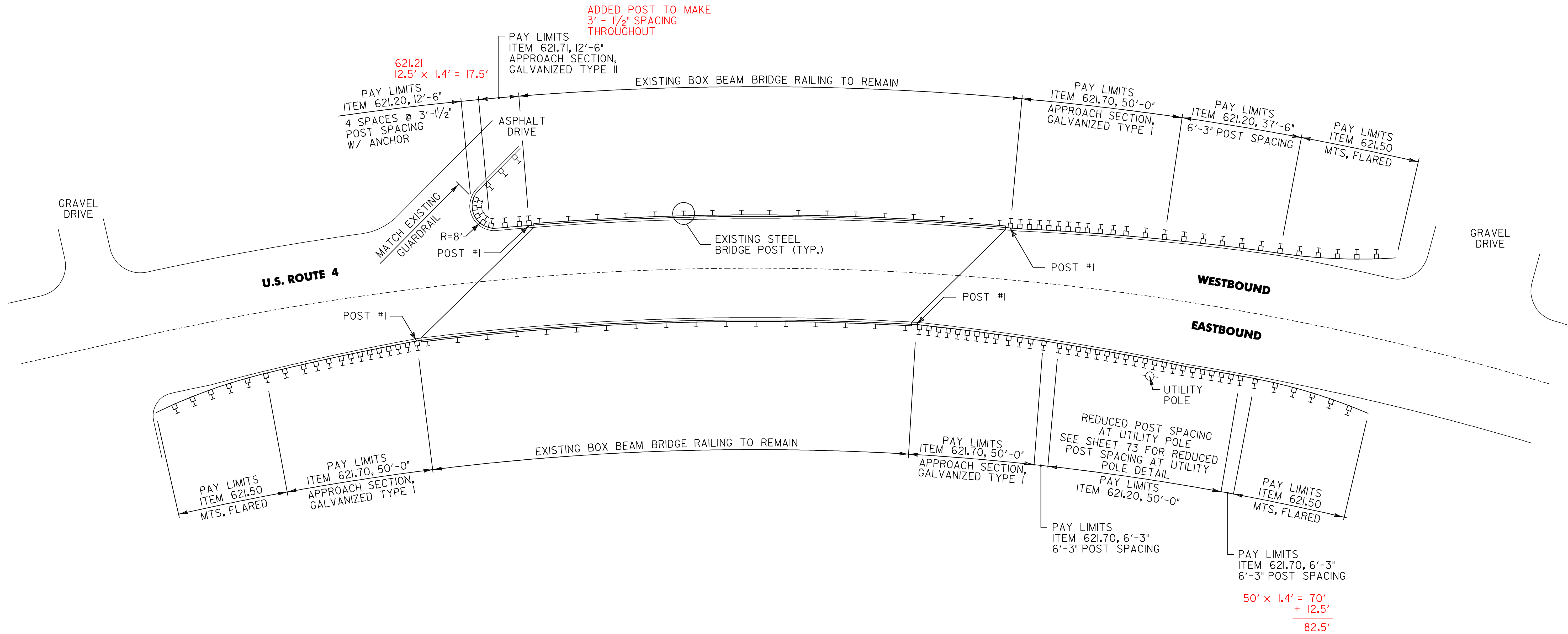
NOT TO SCALE

BRIDGE
DETAIL
SHEET #6

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036bd07.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 70 OF 74



BR 44 BRIDGEWATER MM 4.507 = STA. 237+96.96

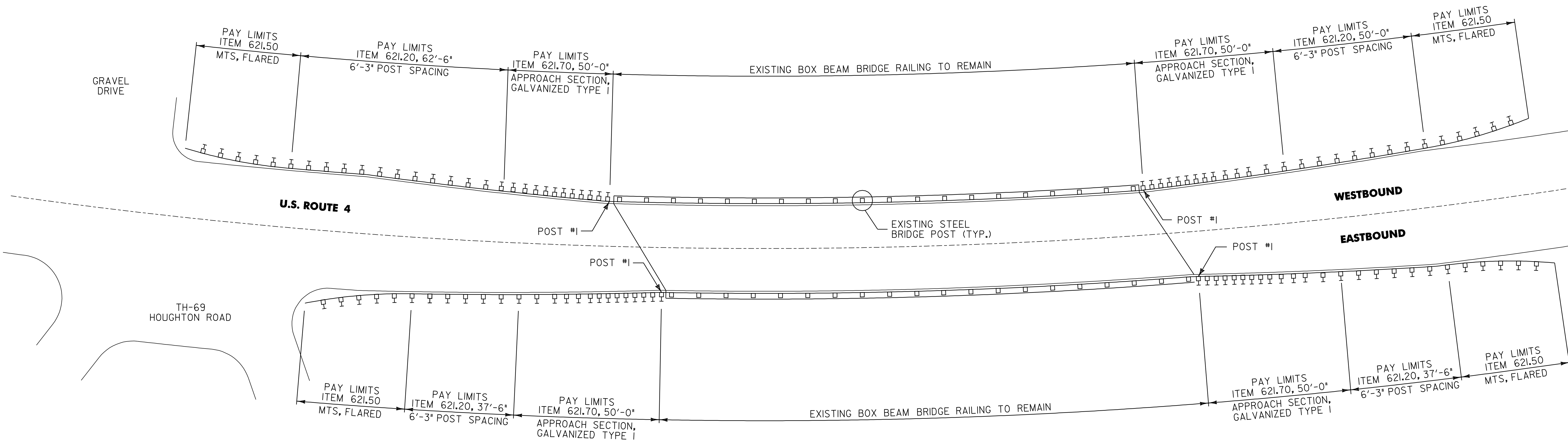
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #7**

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036bd07.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 71 OF 74



BR 45 BRIDGEWATER MM 5.358 = STA. 282+90.24

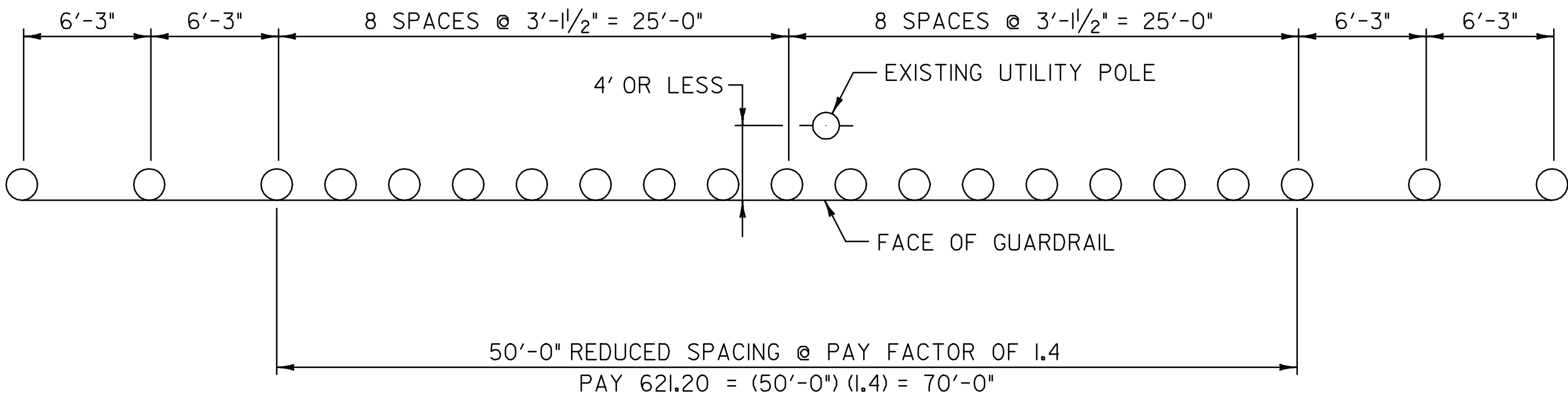
NOT TO SCALE

BRIDGE
DETAIL
SHEET #8

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036bd08.i

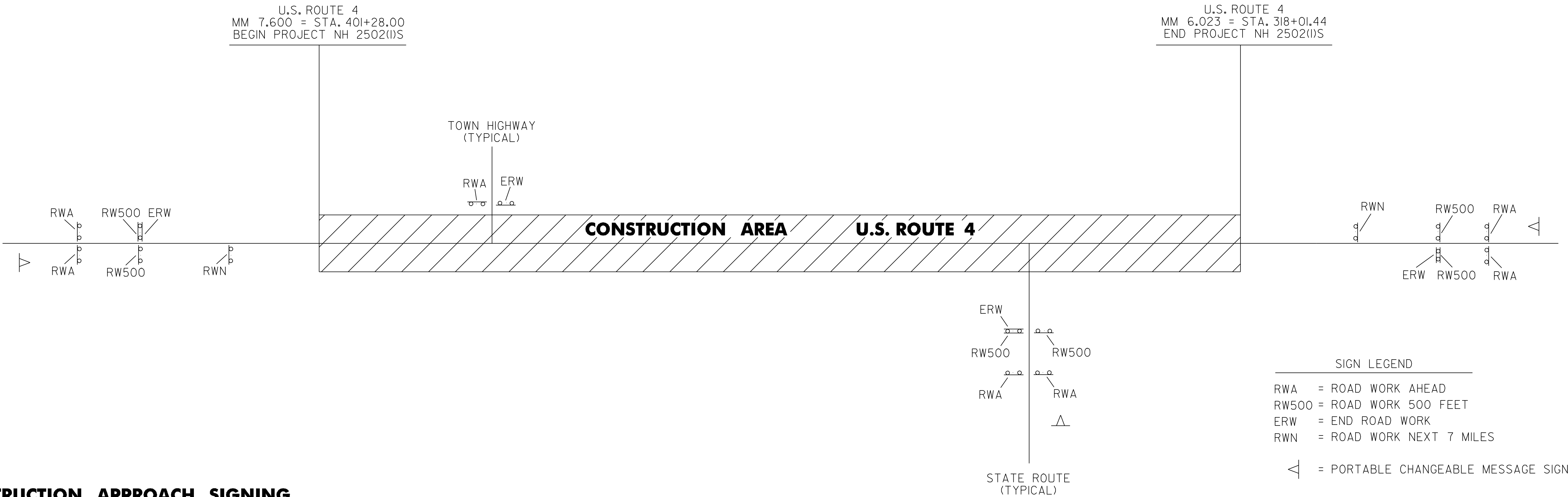
PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 72 OF 74



**REDUCED STEEL BEAM GUARDRAIL
POST SPACING AT UTILITY POLE DETAIL**

U.S. ROUTE 4 BRIDGEWATER STA. 239+45.0 RT

MISCELLANEOUS DETAILS SHEET	NOT TO SCALE	
	PROJECT NAME: KILLINGTON - BRIDGEWATER	
	PROJECT NUMBER: NH 2502(I)S	
	FILE NAME: p05b036.dgn	PLOT DATE: 15-MAY-2008 14
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
	IPARM FILE: p05b036md.i	SHEET 73 OF 74



CONSTRUCTION APPROACH SIGNING

HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
KILLINGTON:					
U.S. ROUTE 4 - BEGIN PROJECT	2	1	2	1	I-PORT. CHG. MSG. SIGN
JOHNSON ROAD (TH-39) - WEST	1	1			
JOHNSON ROAD (TH-39) - EAST	1	1			
HADLEY ROAD (TH-III)	1	1			
BRIDGEWATER:					
VT. ROUTE 100	2	1	2		I-PORT. CHG. MSG. SIGN
CRAM ROAD (TH-39)	1	1			
STANDISH ROAD (TH-41)	1	1			
MOUNTAINSIDE ROAD (TH-34) - WEST	1	1			
MOUNTAINSIDE ROAD (TH-34) - EAST	1	1			
BRIDGEWATER HILL RAOD (TH-23)	1	1			
PEARSON ROAD (TH-68)	1	1			
GUNDERSON ROAD (TH-70)	1	1			
ROGERS ROAD (TH-32)	1	1			
BRIDGEWATER HILL ROAD (TH-I)	1	1			
VT. ROUTE 100A	2	1	2		I-PORT. CHG. MSG. SIGN
UPPER ROAD (TH-37)	1	1			
U.S. ROUTE 4 - END PROJECT	2	1	2	1	I-PORT. CHG. MSG. SIGN
TOTAL	21	17	8	2	4-PORT. CHG. MSG. SIGN

NOTES:

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

NOT TO SCALE

CONSTRUCTION
APPROACH
SIGNING
DETAIL SHEET

PROJECT NAME: KILLINGTON - BRIDGEWATER
PROJECT NUMBER: NH 2502(I)S

FILE NAME: p05b036.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p05b036cas.i

PLOT DATE: 15-MAY-2008 14
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
74