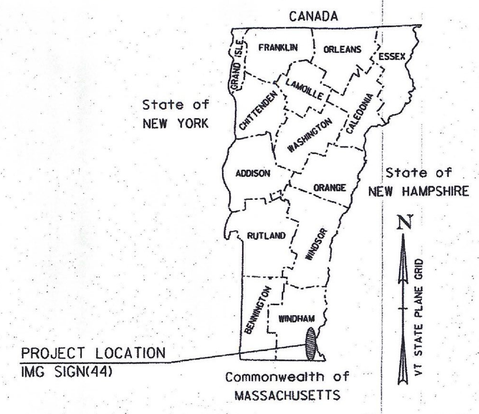
STATE OF VERMONT
AGENCY OF TRANSPORTATION

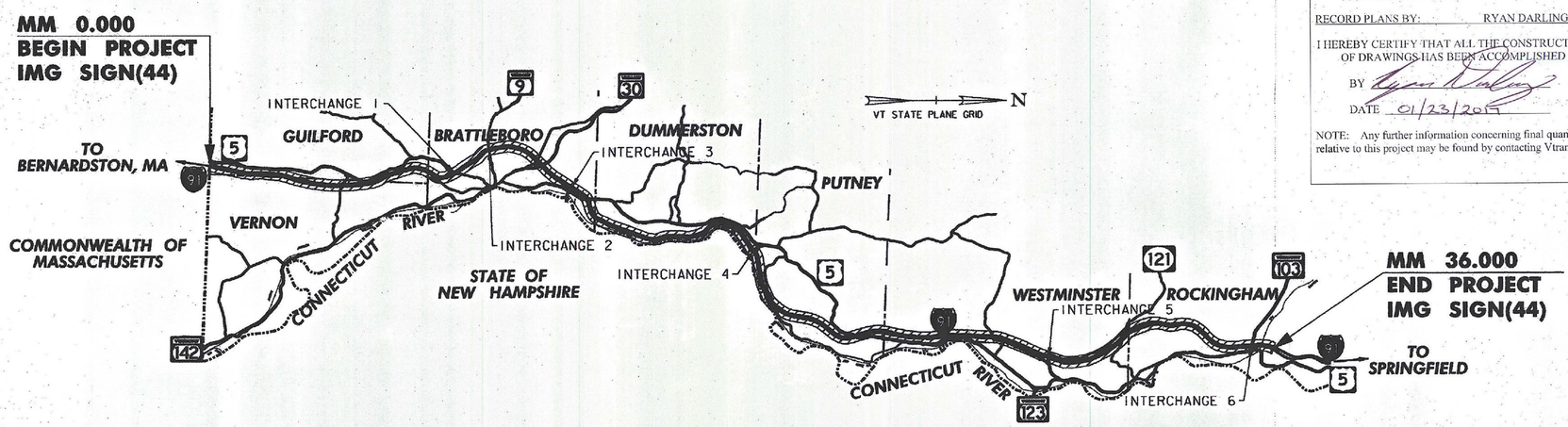
PROPOSED IMPROVEMENT
TOWNS OF GUILFORD, VERNON, BRATTLEBORO, DUMMERSTON, PUTNEY, WESTMINSTER, ROCKINGHAM
COUNTY OF WINDHAM
I-91 (PRINCIPAL ARTERIAL - INTERSTATE)(NHS)

BEGINNING AT THE VERMONT - MASSACHUSETTS STATE LINE ON INTERSTATE 91 AT MILE MARKER 0.000 AND EXTENDING NORTHERLY FOR BOTH NORTHBOUND AND SOUTHBOUND LANES A DISTANCE OF 190,080.00 FEET (36.000 MILES) AND ENDING AT MILEMARKER 36.000 IN THE TOWN OF ROCKINGHAM.

LENGTH OF ROADWAY = 190,080.00 FEET (36.000 MILES)
LENGTH OF PROJECT = 190,080.00 FEET (36.000 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS AND POSTS AND THE INSTALLATION OF NEW SIGNS AND SIGN POSTS AND OTHER HIGHWAY RELATED ITEMS.





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 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL I

SURVEYED BY : N/A
SURVEYED DATE : N/A

DATUM
VERTICAL N/A
HORIZONTAL N/A

RECORD PLANS

CONTRACTOR: F. R. LAFAYETTE, INC. - ESSEX JUNCTION, VT
RESIDENT ENGINEER: RYAN DARLING
CONSTRUCTION BEGAN: JULY 29, 2014
CONSTRUCTION COMPLETE: AUGUST 12, 2014
RECORD PLANS BY: RYAN DARLING & KEVIN KING

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

BY _____ RESIDENT ENGINEER
DATE 01/23/2015

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.

STATE OF VERMONT
CHARLES L. GREGORY
NO. 87265
CIVIL
LICENSED PROFESSIONAL ENGINEER

CONSULTING ENGINEERS
540 Commercial Street
Manchester, NH 03101
(603) 668-8223
www.cldengineers.com

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE 9/23/14

PROJECT MANAGER : DEREK LYMAN, P.E.

PROJECT NAME : GUILFORD - ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

SHEET 1 OF 157 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

INDEX OF SHEETS

VAOT STANDARD DRAWINGS

STD	DATE	DESCRIPTION
E-120	8/8/1995	STANDARD SIGN PLACEMENT EXPRESSWAY AND FREEWAY
E-121	8/8/1995	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD
E-126	2/1/2000	TYPICAL FREEWAY INTERCHANGE SIGNING
E-127	8/8/1995	ROUTE MARKINGS AT RURAL INTERSECTIONS
E-130	8/8/1995	TYPE "B" GUIDE SIGN ATTACHMENT DETAILS
E-131	8/8/1995	GUIDE SIGN DETAILS
E-132	8/18/1995	GENERAL MOTORIST SERVICE SIGN DETAILS
E-136B	8/8/1995	STATE ROUTE MARKER SIGN DETAILS
E-141	9/20/1995	REGULATORY SIGN DETAILS
E-142	9/20/1995	REGULATORY SIGN DETAILS
E-144	3/29/1999	REGULATORY SIGN DETAILS
E-145A	12/23/1994	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES
E-161	8/18/1995	W-SHAPED STEEL SIGN POST
E-163	5/20/1999	TUBULAR STEEL SIGN POST
E-197	4/1/2005	DELINEATOR PLACEMENT TYPICAL
E-199	4/1/2005	FREEWAY-EXPRESSWAY DELINEATOR AND MILEPOST MOUNTING ON BRIDGE RAIL
T-1	8/6/2012	TRAFFIC CONTROL GENERAL NOTES
T-10	8/6/2012	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING
T-11	8/6/2012	CONSTRUCTION APPROACH SIGNING DIVIDED HIGHWAY ONE LANE CLOSED
T-12	8/6/2012	TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED
T-28	8/6/2012	CONSTRUCTION SIGN DETAILS
T-30	8/6/2012	CONSTRUCTION SIGN DETAILS
T-31	8/6/2012	CONSTRUCTION SIGN DETAILS
T-40	1/2/2013	DELINEATORS AND MILEPOSTS
T-45	1/2/2013	SQUARE TUBE SIGN POST AND ANCHOR

INDEX OF SHEETS

SHT	
1	TITLE SHEET
2	INDEX OF SHEETS
3	GENERAL NOTES AND MISCELLANEOUS DETAILS
4	QUANTITY SHEET
5-19	SIGN LAYOUTS - MAINLINE
20-45	SIGN LAYOUTS - WELCOME CENTER / INTERCHANGE / WEIGH STATION / PARKING AREA
46-57	DELINEATOR LAYOUTS
58-133	TRAFFIC SIGN SUMMARY SHEETS
134-150	SIGN DETAIL SHEETS
151-157	CROSS SECTION SHEETS

CLD 12-0350 MODEL: INDEX

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INDEX OF SHEETS

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 2 OF 157

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE STATE OF VERMONT AGENCY OF TRANSPORTATION (VTRANS) STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011; THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2009; THE STANDARD HIGHWAY SIGNS BOOK (SHSM), DATED 2004, AND THE 2012 SUPPLEMENT OF THE 2004 EDITION (SHSM) DETAILS AS AVAILABLE.

2. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER. ALL NEW SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS, MUTCD, APPLICABLE VTRANS STANDARDS OR AS DIRECTED BY THE ENGINEER.

3. FOR CLARITY, EXISTING ONE MILE AND 0.2 MILE MARKER SIGNS ARE NOT DEPICTED ON THE PLANS. EXISTING MILE MARKER SIGNS ARE TO BE RETAINED AND USED TO ESTABLISH LOCATION WHEN INSTALLING NEW SIGNS.

4. REFER TO SIGN DETAIL SHEETS FOR SIGN FONT, SHEET ALUMINUM THICKNESS, AND RETROREFLECTIVE SHEETING REQUIREMENTS. NOTE THAT CLEARVIEW FONT IS TO BE USED ON GUIDE SIGNS WHERE INDENTIFED ON THE SIGN DETAIL SHEETS.

5. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PLANS, APPLICABLE VTRANS STANDARDS AND PART 6 OF THE MUTCD OR AS DIRECTED BY THE ENGINEER.

6. TEXT LAYOUT DIMENSIONS AND DESIGN OF SYMBOLS FOR STANDARD SIGNS NOT DETAILED ON THESE PLANS OR IN THE VTRANS STANDARDS CAN BE FOUND IN THE LATEST PUBLICATION OF THE MUTCD STANDARD HIGHWAY SIGNS AND MARKINGS.

7. THE CONTRACTOR SHALL REVIEW AND UNDERSTAND ALL APPLICABLE PERMITS PRIOR TO CONSTRUCTION AND ENSURE THAT ALL CONSTRUCTION CONDITIONS ARE MET.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT THE SOLE COST OF THE CONTRACTOR. THERE MAY BE UNDERDRAIN AT SOME SIGN LOCATIONS AND CONTRACTOR SHALL USE CAUTION TO AVOID DAMAGE TO UNDERDRAIN.

9. THINNING AND TRIMMING WILL BE REQUIRED AT VARIOUS SIGN LOCATIONS THROUGHOUT THE PROJECT. TRAFFIC SIGN SUMMARY SHEETS NOTE SPECIFIC SIGNS FOR WHICH THINNING AND TRIMMING IS REQUIRED. OTHER LOCATIONS MAY BE IDENTIFIED BY THE ENGINEER. THIS WORK SHALL INCLUDE REMOVAL OF ANY TREES, SHRUBS OR OVERGROWTH NECESSARY FOR PLACEMENT OF SIGNS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID UNDER ITEM 201.31, THINNING AND TRIMMING FOR SIGNS. SEE DETAIL THIS SHEET.

10. ALL NEW 2-INCH SQUARE STEEL SIGN POSTS SHALL BE 12-GAGE.

11. THE CONTRACTOR SHALL ERECT NEW POSTS AND MOUNT NEW SIGNS BEHIND EXISTING SIGNS PRIOR TO REMOVING THE OLD SIGN AND POSTS, WHERE APPLICABLE, OR AS DIRECTED BY THE ENGINEER.

12. THE ABBREVIATIONS "OUT" AND "MED" REFER TO LOCATIONS OUTSIDE OF THE NORTHBOUND OR SOUTHBOUND INTERSTATE BARREL OR IN THE MEDIAN, RESPECTIVELY. ANY REFERENCE TO "LEFT" AND/OR "RIGHT" REFERS TO THE DIRECTION OF STATIONING AND NOT THE DIRECTION OF TRAFFIC.

13. ALL STATIONING ALONG RAMPS AND STATE/TOWN HIGHWAYS IN MILES ARE APPROXIMATE ONLY. REFER TO STANDARD SHEETS FOR APPROPRIATE SIGN PLACEMENT GUIDELINES.

14. EXISTING AND PROPOSED RAMP MILE MARKER PLAQUE LOCATIONS ARE NOT DEPICTED ON THE PLANS. REFER TO THE SIGN DETAIL SHEETS FOR PLAQUE DETAILS AND A LIST OF PROPOSED LOCATIONS.

15. EXISTING MILE MARKERS ON NON-INTERSTATE HIGHWAYS ARE NOT SHOWN ON THE PLANS AND ARE TO BE SALVAGED AND INSTALLED ON POSTS FOR NEW SIGNS OR RETAINED IF ON SEPARATE POSTS OR AS DIRECTED BY THE ENGINEER. PAYMENT FOR ATTACHING TO NEW POSTS WILL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE SIGN POST PAY ITEM IN THE CONTRACT.

16. PROPOSED BRIDGE PLAQUES ARE NOT DEPICTED ON THE PLANS. REFER TO THE SIGN DETAIL SHEETS FOR THE BRIDGE PLAQUE DETAIL AND A LIST OF PROPOSED LOCATIONS.

17. DELINEATORS:

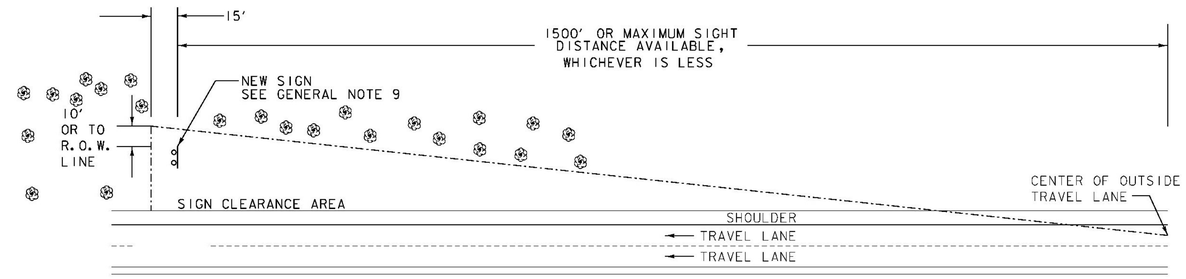
a. NEW MAINLINE DELINEATORS, WITH OR WITHOUT MILEPOST PLAQUES, ARE NOT SHOWN ON THE PLANS. REFER TO STANDARDS T-40 AND E-197 FOR GENERAL PLACEMENT AND SPACING CRITERIA. AN ESTIMATED QUANTITY OF DELINEATORS W/STEEL POSTS AND REMOVAL OF EXISTING DELINEATORS HAS BEEN INCLUDED FOR THE MAINLINE. POSTS FOR DELINEATORS TO BE REMOVED SHALL NOT BE CUT BUT SHALL BE COMPLETELY REMOVED FROM THE GROUND.

b. TYPE I DELINEATORS WITH WHITE REFLECTOR UNITS AND APPROPRIATE MILEPOST PLAQUES SHALL BE ERECTED CONTINUOUSLY ALONG THE RIGHT SIDE IN THE DIRECTION OF TRAVEL OF THE DIVIDED HIGHWAY BETWEEN MILE MARKERS AT 0.05 MILE INTERVALS. TYPE I DELINEATORS WITH OR WITHOUT MILEPOST PLAQUES SHALL BE OMITTED ALONG DECELERATION AND ACCELERATION LANES, BUT THE SUCCEEDING SPACING SHALL BE AS IF THE DELINEATORS HAD BEEN ERECTED CONTINUOUSLY. THE LOCATION OF TYPE I DELINEATORS AND MILEPOSTS ARE TO BE COMPUTED AND MARKED IN THE FIELD BY THE ENGINEER IN ACCORDANCE WITH THE LATEST REVISION OF THE AGENCY'S "POLICY ON LOCATION MARKING FOR VERMONT DIVIDED HIGHWAYS."

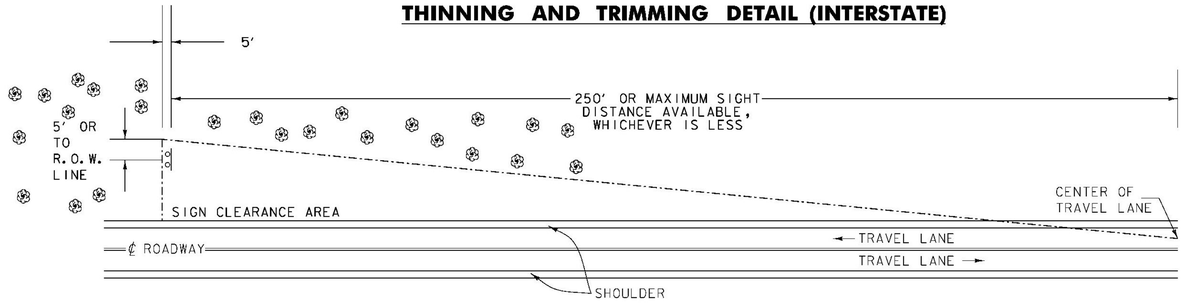
c. YELLOW TYPE II DELINEATORS SHALL BE ERECTED CONTINUOUSLY ALONG THE LEFT (MEDIAN) SIDE OF THE DIVIDED HIGHWAY AT 0.05 MILE INTERVALS AND CONTINUED AT APPROXIMATELY THE SAME SPACING THROUGH INTERCHANGES AND REST AREAS WHERE THERE MAY NOT BE ANY TYPE I DELINEATORS ON THE RIGHT SIDE.

d. TYPE I DELINEATORS WITHOUT PLAQUE SHALL BE ERECTED AT THE BEGINNING (BLUE) AND AT THE END (GREEN) OF EACH GUARDRAIL RUN.

e. REFER TO STANDARD E-197 FOR ADDITIONAL DELINEATOR PLACEMENT DETAILS. WHERE DISCREPANCIES EXIST BETWEEN E-197 AND THE NOTES ON THIS SHEET, THE NOTES ON THIS SHEET SHALL GOVERN. FOR MOUNTING DELINEATORS AND MILEPOSTS ON BRIDGES, SEE STANDARD E-199.

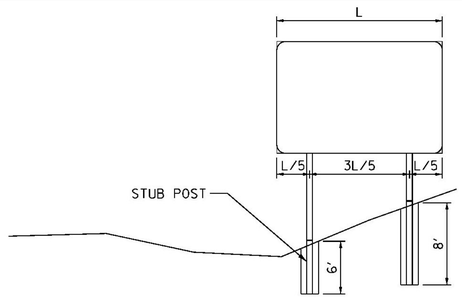


THINNING AND TRIMMING DETAIL (INTERSTATE)



THINNING AND TRIMMING DETAIL (CONVENTIONAL ROADS)

THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS, TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10'-0" BELOW THE BOTTOM OF THE SIGN, WHICH EVER IS LESS. PAYMENT WILL BE UNDER ITEM 201.31, THINNING AND TRIMMING FOR SIGNS AND PAID FOR PER EACH SIGN ASSEMBLY LOCATION.



W-SHAPE FOOTING DETAIL

1. THE LONGER CONCRETE FOOTINGS SHALL BE USED AT POST LOCATIONS ON STEEP SIDE SLOPES AS IDENTIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

2. FORMS/TUBES FOR THE LONGER CONCRETE FOOTINGS SHALL BE SMOOTH. CORRUGATED PIPE SHALL NOT BE USED.

3. REFER TO VTRANS STANDARD E-161 FOR ADDITIONAL NOTES AND DETAILS REGARDING CONCRETE FOOTINGS.

4. PAYMENT FOR THE LONGER CONCRETE FOOTINGS SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER.) OR ITEM 900.620 SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 30 INCH DIAMETER), AS APPLICABLE.

NOT TO SCALE

SEEDING FORMULA – RURAL AREAS

% 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			

SEEDING NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.4% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

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

HYDROSEEDING: DOUBLE APPLICATION RATES IF HYDROSEEDING

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

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

HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
GENERAL NOTES AND MISC. DETAILS

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 3 OF 157

CLD 12-0350 MODEL: GEN

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES			TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	EROSION CONTROL	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
95			95	99	EACH	THINNING AND TRIMMING FOR SIGNS	201.31	1			
1			1	0	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			
950			950	1600	LF	REMOVE AND RESET GUARDRAIL	621.75	EST			
875			875	1531.75	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST			
175			175	91	HR	FLAGGERS	630.15	EST			
1			1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
1			1	1	LS	TRAFFIC CONTROL	641.10	-			
4			4	4	EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
2			2	2	EACH	PORTABLE ARROW BOARD	641.16	-			
	100		100	147	LB	SEED	651.15	4			
	400		400	487	LB	FERTILIZER	651.18	1			
	2		2	0.33	TON	AGRICULTURAL LIMESTONE	651.20	0.1			
	2		2	1.44	TON	HAY MULCH	651.25	0.1			
430			430	36	CY	TOPSOIL	651.35	-			
8260			8260	8016	SF	TRAFFIC SIGNS, TYPE A	675.20	0.6			
11385			11385	10798.3	SF	TRAFFIC SIGNS, TYPE B	675.21	2.25			
50350			50350	47816	LB	W-SHAPE STEEL SIGN POST	675.31	4			
54230			54230	52101	LB	TUBULAR STEEL SIGN POST	675.33	1.6			
10865			10865	9360	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	4.9			
44			44	50	EACH	FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER	675.41	-			
479			479	458	EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-			
1321			1321	1325	EACH	REMOVING SIGNS (TYPE A)	675.50	-			
89			89	84	EACH	REMOVING SIGNS (TYPE B)	675.50	-			
24			24	60	EACH	ERECTING SALVAGED SIGNS	675.60	-			
2850			2850	3705	EACH	DELINEATOR WITH STEEL POST	676.10	34			
2400			2400	3049	EACH	REMOVAL OF EXISTING DELINEATOR	676.12	37			
71			71	59	EACH	SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 24 INCH DIAMETER)	900.620				
2			2	2	EACH	SPECIAL PROVISION (FOUNDATION FOR W-SHAPE STEEL POST, 30 INCH DIAMETER)	900.620				
1			1	1	EACH	SPECIAL PROVISION (SOLAR-POWERED FLASHING BEACON ASSEMBLY, WEIGH STATION)	900.620				
0			0	1	LS	TESTING EQUIPMENT, CONCRETE (ITEM COD 001)	631.16	-			
0			0	1	LS	SUPPLIMENTAL AGREEMENT (PROCUREMENT OF CONFLICTING STEEL SIGN POST) (ITEM ADDED WITH COD 002)	900.545	-			

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
QUANTITY SHEET

PLOT DATE: 5/12/2014
DRAWN BY: J. SMITH
CHECKED BY: K. RUTTER
SHEET 4 OF 157

CLD 12-0350 MODEL: OSS

REMOVING SIGNS
TYPE A: 18
TYPE B: 4
BRIDGE PLAQUE: 0

BEGIN APPROACH
IMG SIGN(44)
(MA. MM 54.000)

BEGIN PROJECT
IMG SIGN(44)
(MM 0.000)
(MA. MM 54.908)

EXISTING
TO BERNARDSTON, MA

54.000 | 54.500 | 0.500 | 1.000 | MM 1.500

MATCH LINE SEE NEXT SHEET

54.895 SB — AUTHORIZED VEHICLES ONLY — RET
0.247 SB — TRUCK CROSSING ¼ MILE — OFFICIAL USE ONLY
0.013 SB
1.141 SB — PARKING AREA 2 MILES
54.885 NB — AUTHORIZED VEHICLES ONLY — RET
0.099 NB
0.115 SB
0.317 NB — ONE WAY
0.228 NB — ONE WAY
EXIST. WEIGH STATION
54.248 NB — WEIGH STATION 1 MILE — RET
54.435 NB — ALL TRUCKS NEXT RIGHT — RET
54.800 NB — WEIGH STATION NEXT RIGHT — OPEN CLOSED — RET
0.001 NB
0.019 NB — WELCOME TO VERMONT — GREEN MOUNTAIN STATE — WELCOME CENTER 5 MILES
0.067 NB — TURN SIGNAL REQUIRED BEFORE CHANGING LANES
0.234 NB
0.310 NB
0.031 NB — GROOVED SHOULDER
0.237 NB — WEIGH STATION — RET
0.281 NB
0.444 NB — SPEED LIMIT 65 — MINIMUM 40
0.553 NB — BUCKLE UP IT'S THE LAW
0.577 NB — CMS (PORTABLE) — RET
0.638 NB — STRICTLY ENFORCED
0.745 NB — EMERGENCY STOPPING ONLY
0.924 NB — STATE LAW STOP FOR SCHOOL BUS FLASHING RED LIGHTS
MM 1.218 EXIST. PULLOFF MM 1.320

ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

PROPOSED
TO BERNARDSTON, MA

54.000 | 54.500 | 0.500 | 1.000 | MM 1.500

MATCH LINE SEE NEXT SHEET

54.895 SB — AUTHORIZED VEHICLES ONLY — RET
0.247 SB — TRUCK CROSSING ¼ MILE — OFFICIAL USE ONLY
0.013 SB
1.141 SB — PARKING AREA 2 MILES
54.885 NB — AUTHORIZED VEHICLES ONLY — RET
0.099 NB
0.115 SB
0.317 NB — ONE WAY
EXIST. WEIGH STATION
54.248 NB — WEIGH STATION 1 MILE — RET
54.435 NB — ALL TRUCKS NEXT RIGHT — RET
54.800 NB — WEIGH STATION NEXT RIGHT — OPEN CLOSED — RET
0.001 NB
0.019 NB — Welcome To VERMONT — WELCOME CENTER 5 MILES
0.167 NB — RAMP 25 MPH
0.234 NB
0.281 NB
0.310 NB
0.376 NB — SPEED LIMIT 65 — MINIMUM 40
0.471 NB — NORTH INTERSTATE 91 — TRUCK ROUTE ALTERNATE ROUTE
0.237 NB — WEIGH STATION — RET
0.577 NB — CMS (PORTABLE) — RET
0.688 NB — SAFETY BELTS REQUIRED
0.783 NB — STRICTLY ENFORCED
0.926 NB — STATE LAW MOVE OVER OR SLOW DOWN FOR STOPPED EMERGENCY VEHICLES
1.021 NB — KEEP RIGHT EXCEPT TO PASS
MM 1.218 EXIST. PULLOFF MM 1.320

ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

CLD 12-0350 MODEL: 01

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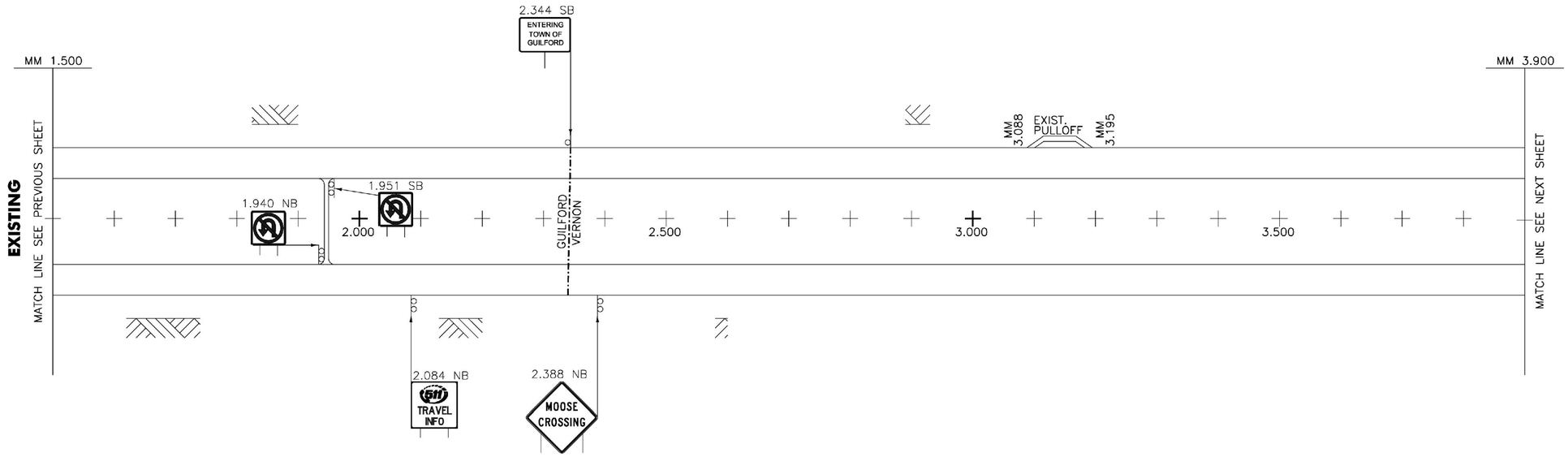
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 1

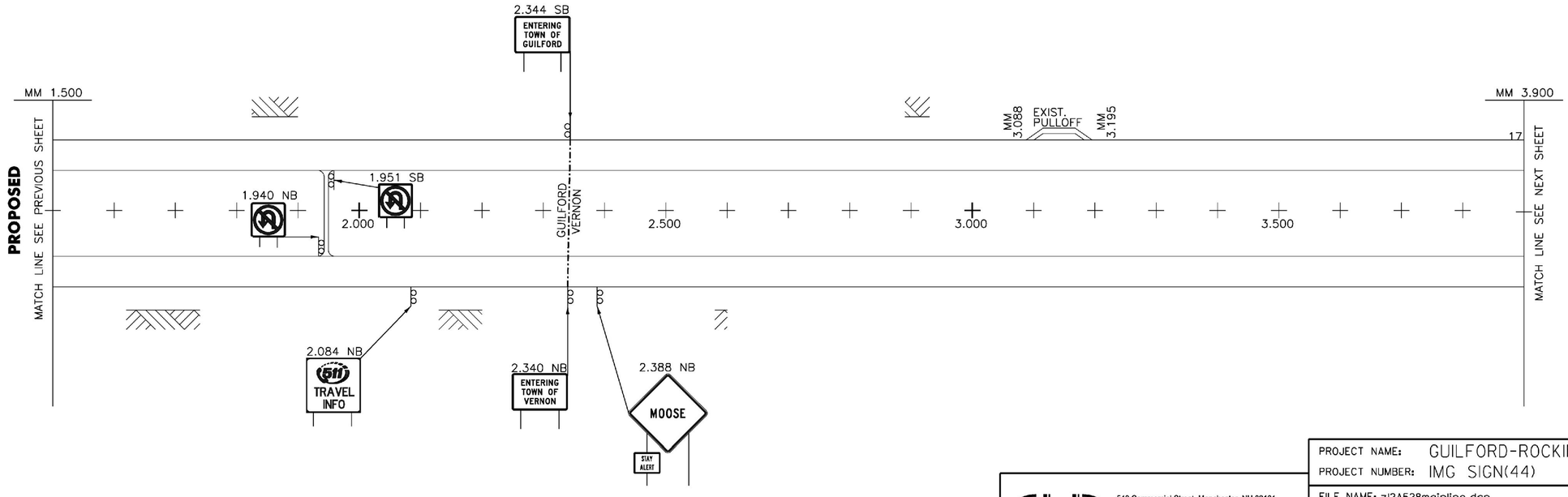
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 5 OF 157

REMOVING SIGNS
TYPE A: 5
TYPE B: 0
BRIDGE PLAQUE: 0



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET.] - RETAIN
[R&S.] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET.] - RETAIN
[SALV.] - SALVAGE

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cld@cldengineers.com • www.cldengineers.com
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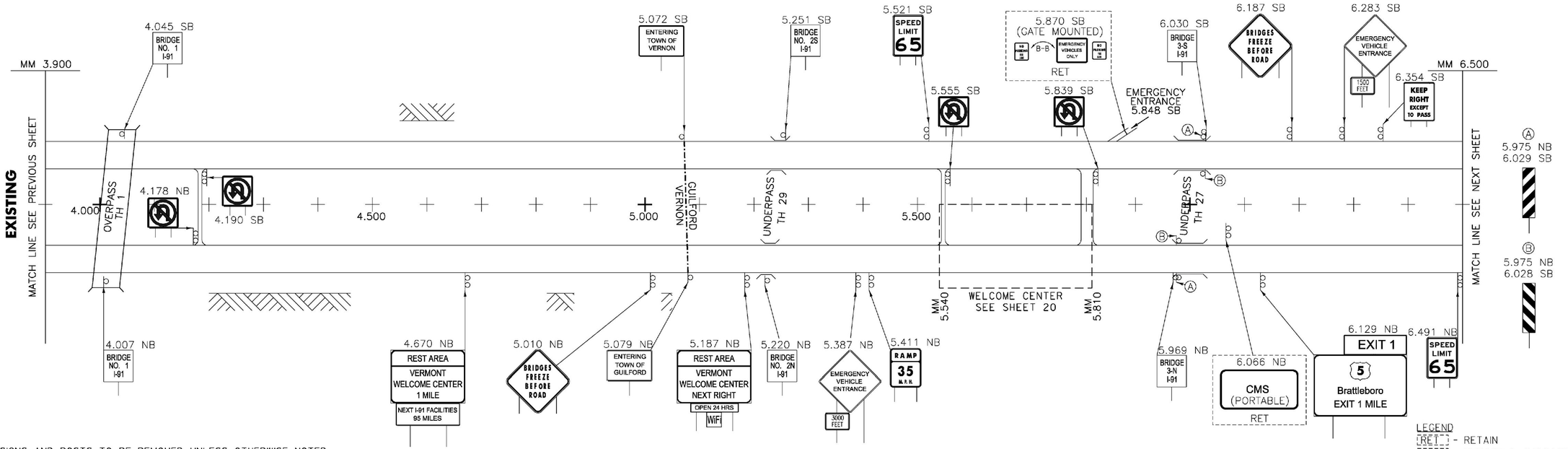
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 2

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 6 OF 157

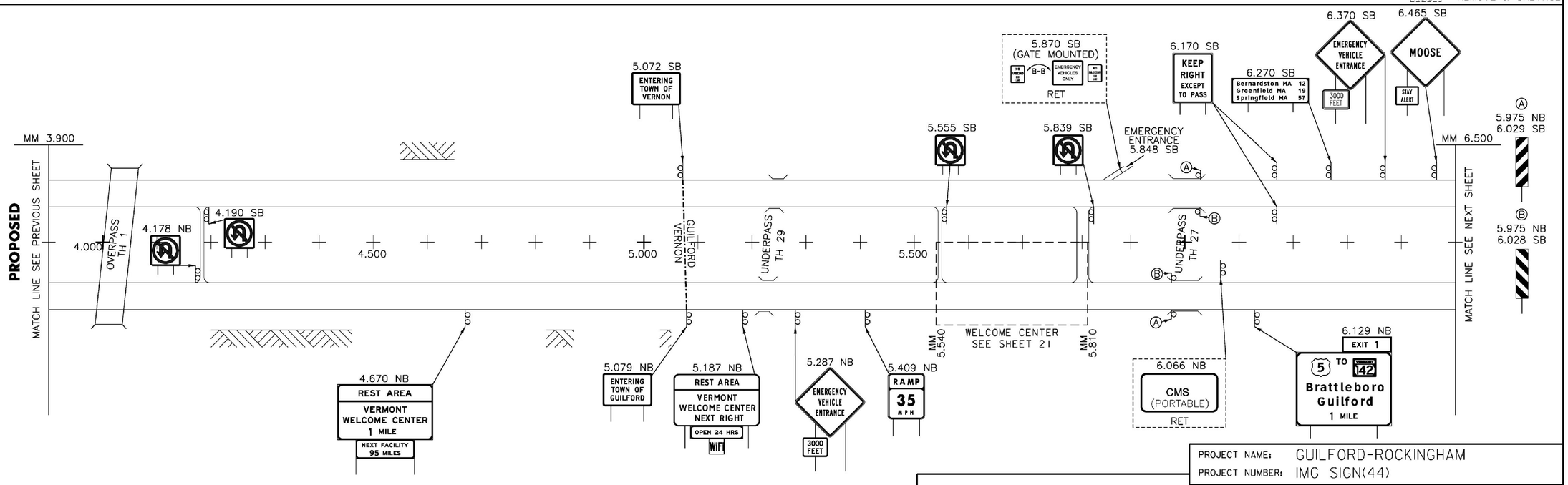
CLD 12-0350 MODEL: 02

REMOVING SIGNS
TYPE A: 23
TYPE B: 4
BRIDGE PLAQUE: 6



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

CLD 12-0350 MODEL: 03

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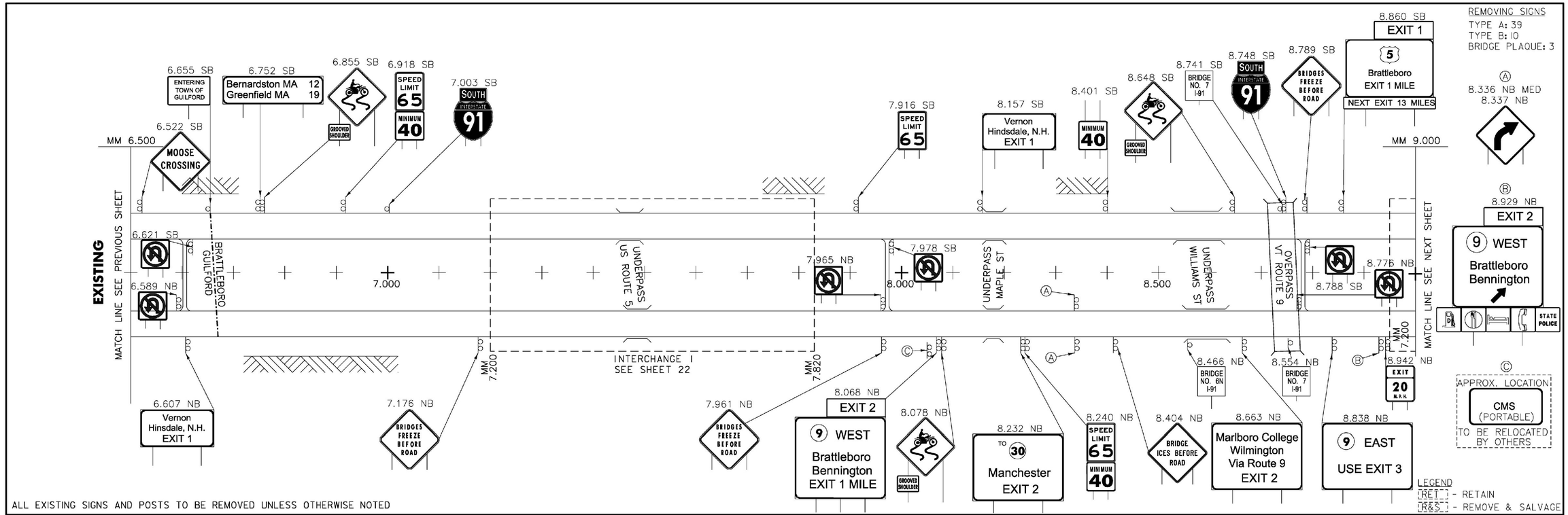
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 3

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 7 OF 157



CLD 12-0350 MODEL: 04

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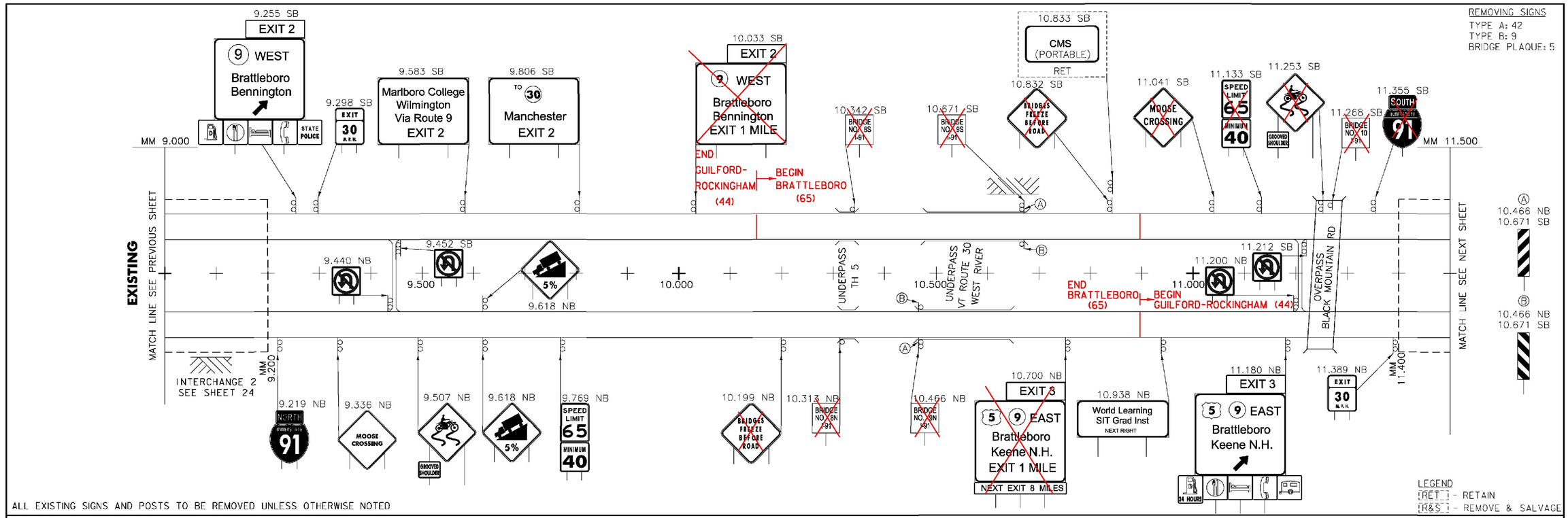
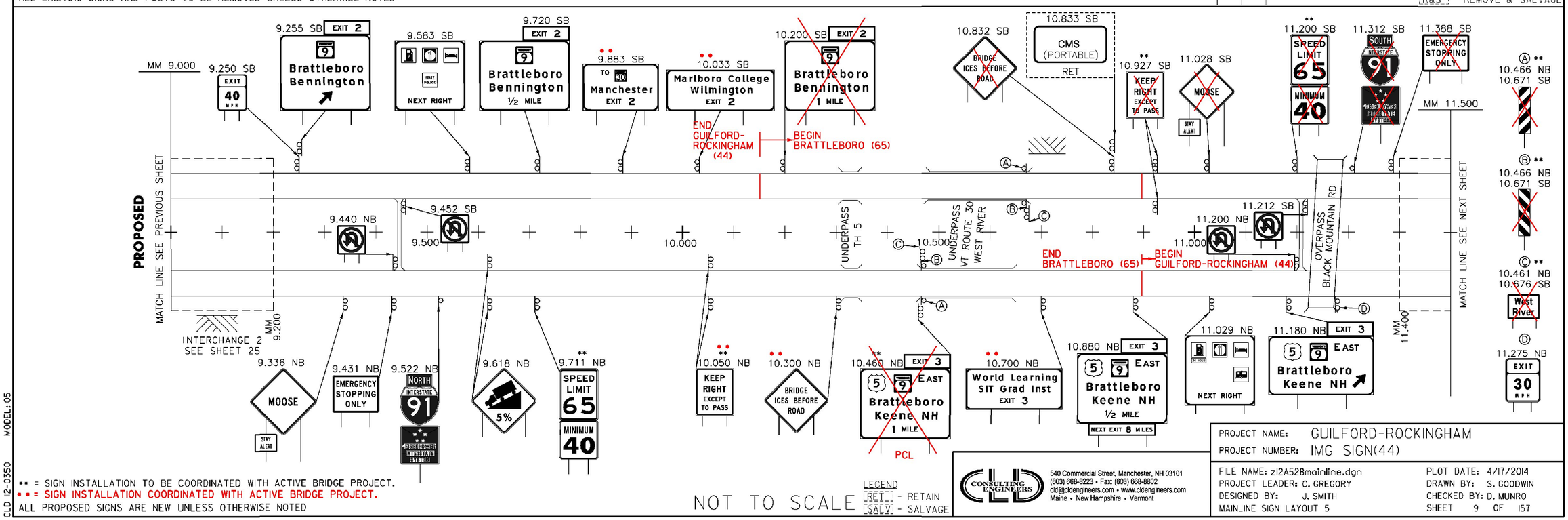
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 4

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 8 OF 157





CLD 12-0350 MODEL: 05

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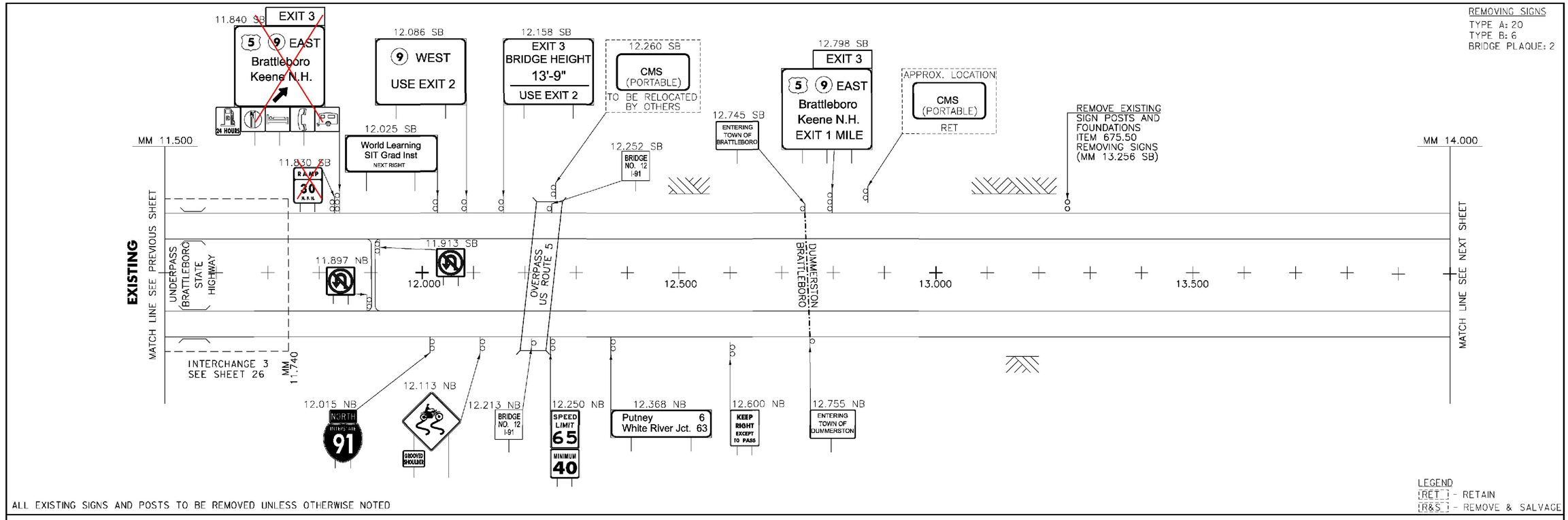
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 5

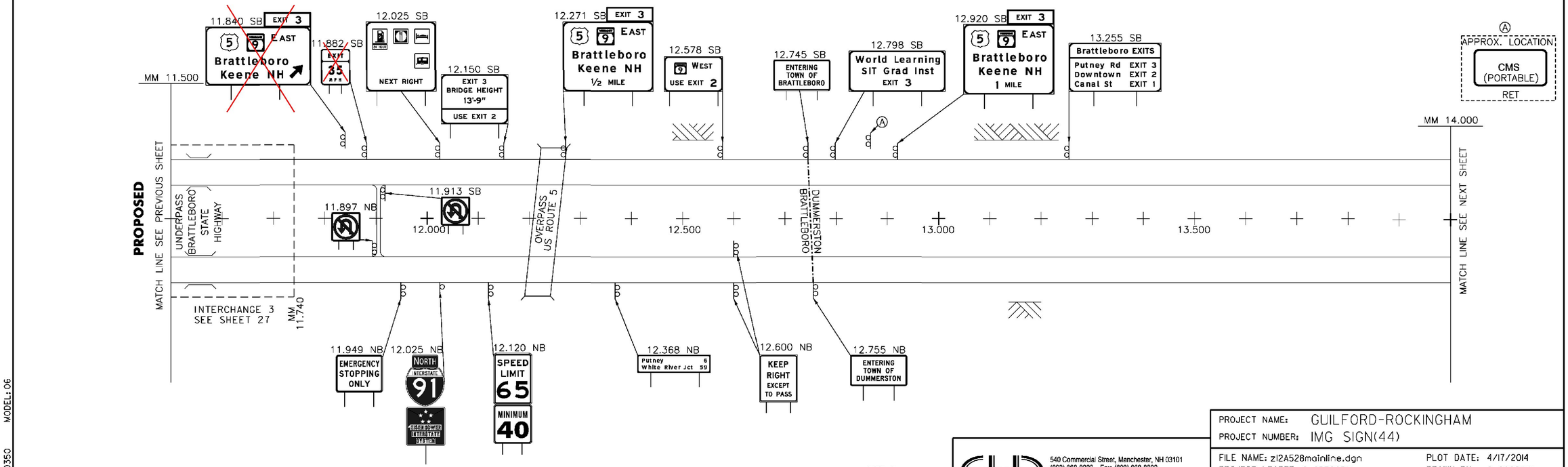
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 9 OF 157



REMOVING SIGNS
TYPE A: 20
TYPE B: 6
BRIDGE PLAQUE: 2

ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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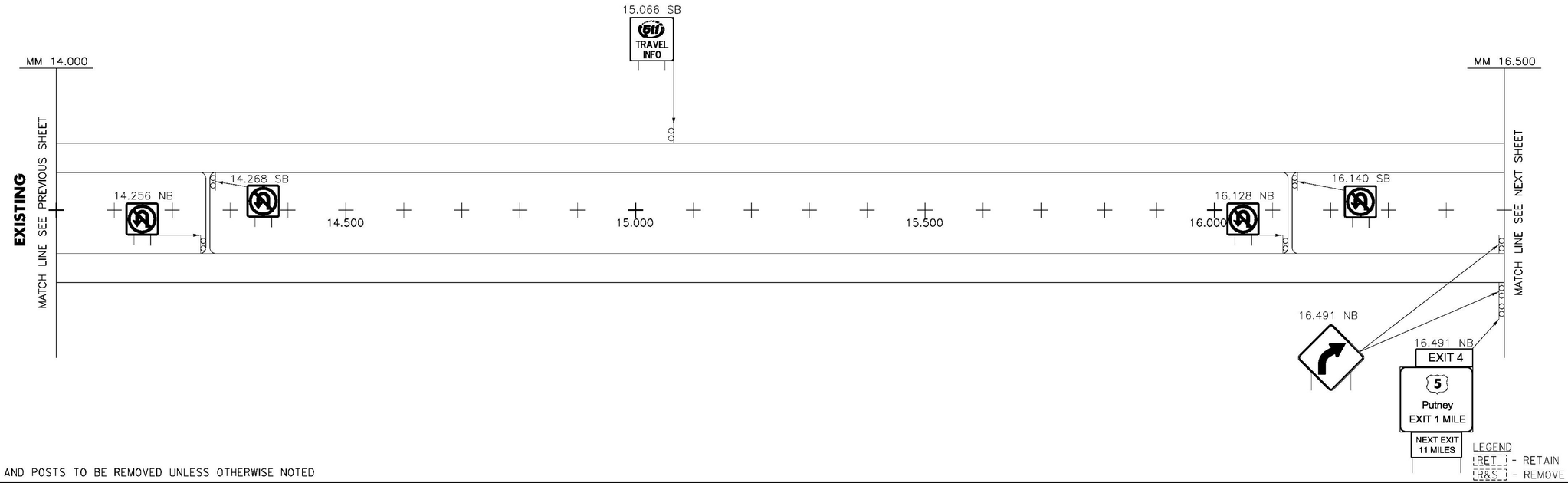
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 6

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 10 OF 157

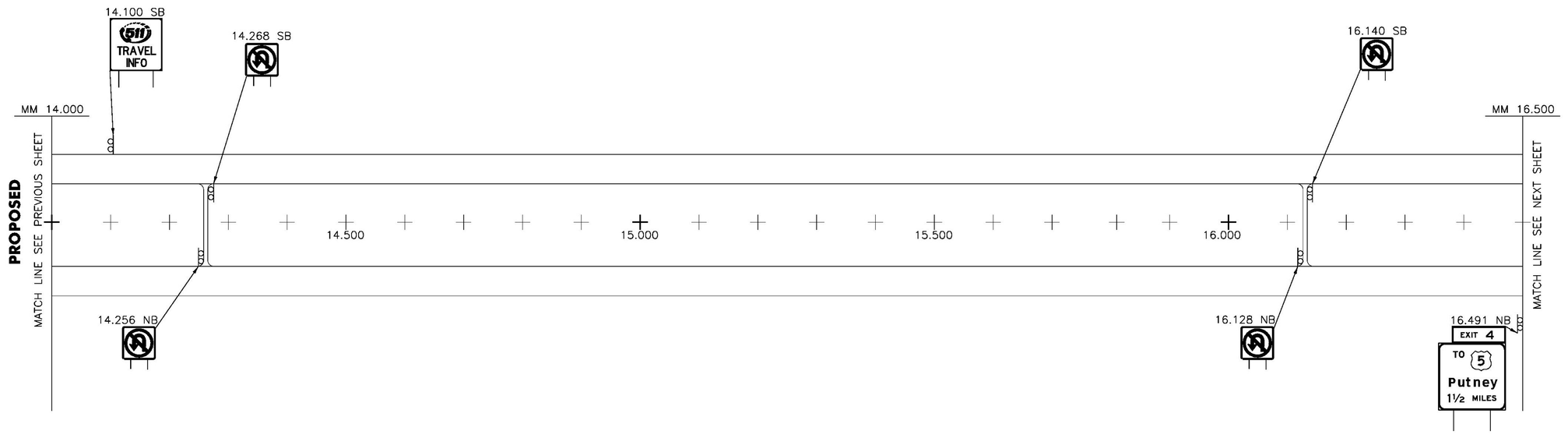
CLD 12-0350 MODEL: 06

REMOVING SIGNS
TYPE A: 8
TYPE B: 2
BRIDGE PLAQUE: 0



LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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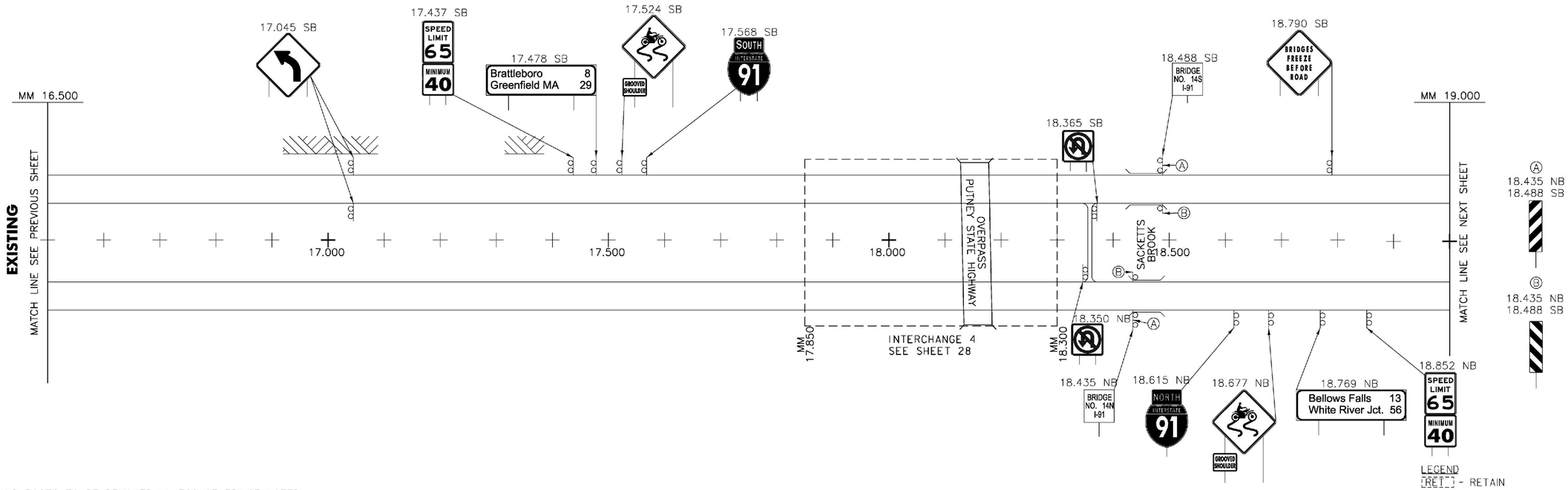
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 7

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 11 OF 157

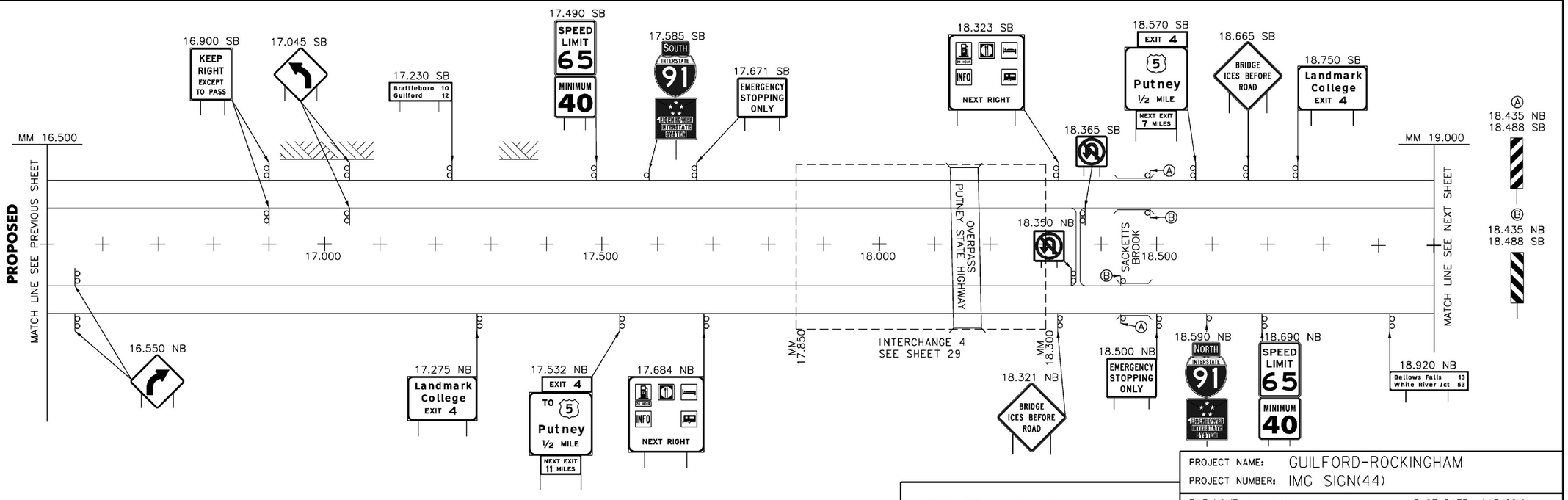
CLD 12-0350 MODEL: 07

REMOVING SIGNS
TYPE A: 21
TYPE B: 2
BRIDGE PLAQUE: 2



LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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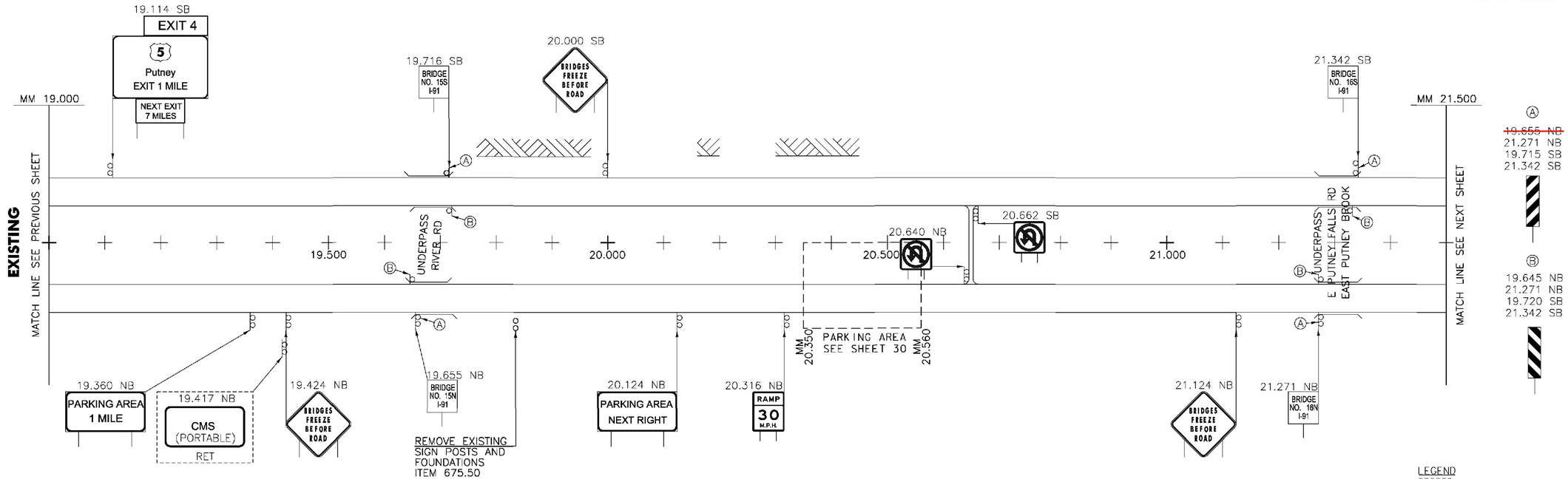
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 8

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 12 OF 157

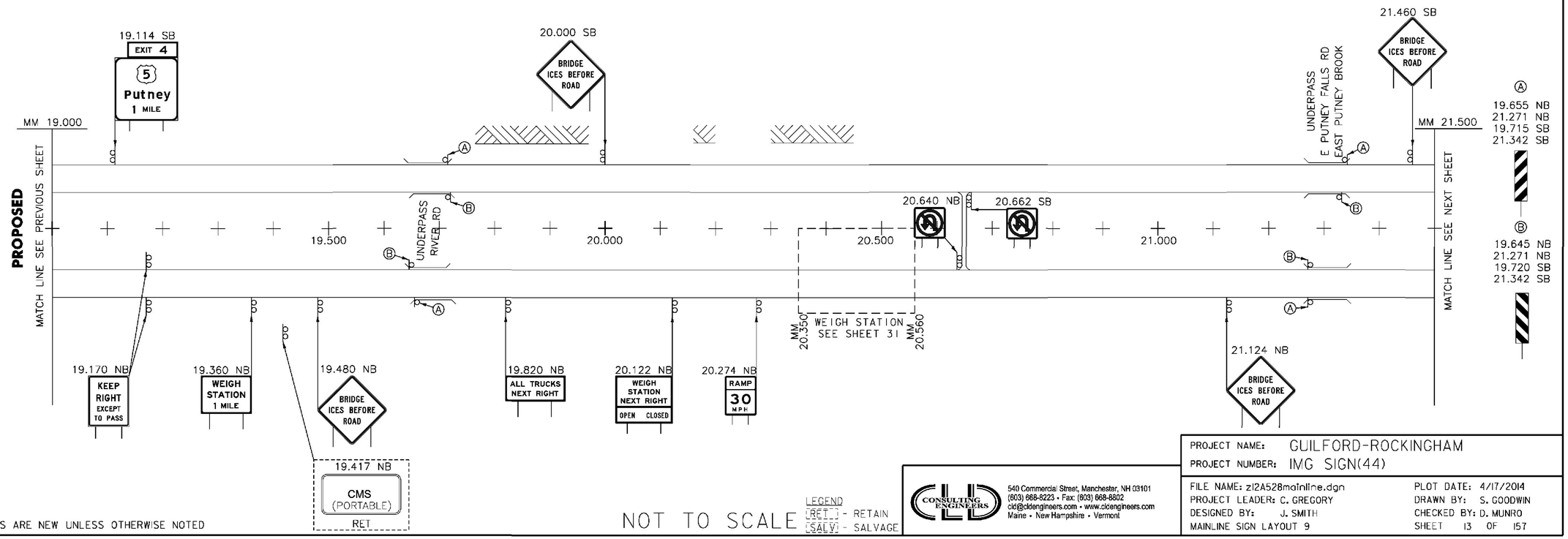
CLD 12-0350 MODEL: 08

REMOVING SIGNS
TYPE A: 16
TYPE B: 4
BRIDGE PLAQUE: 4



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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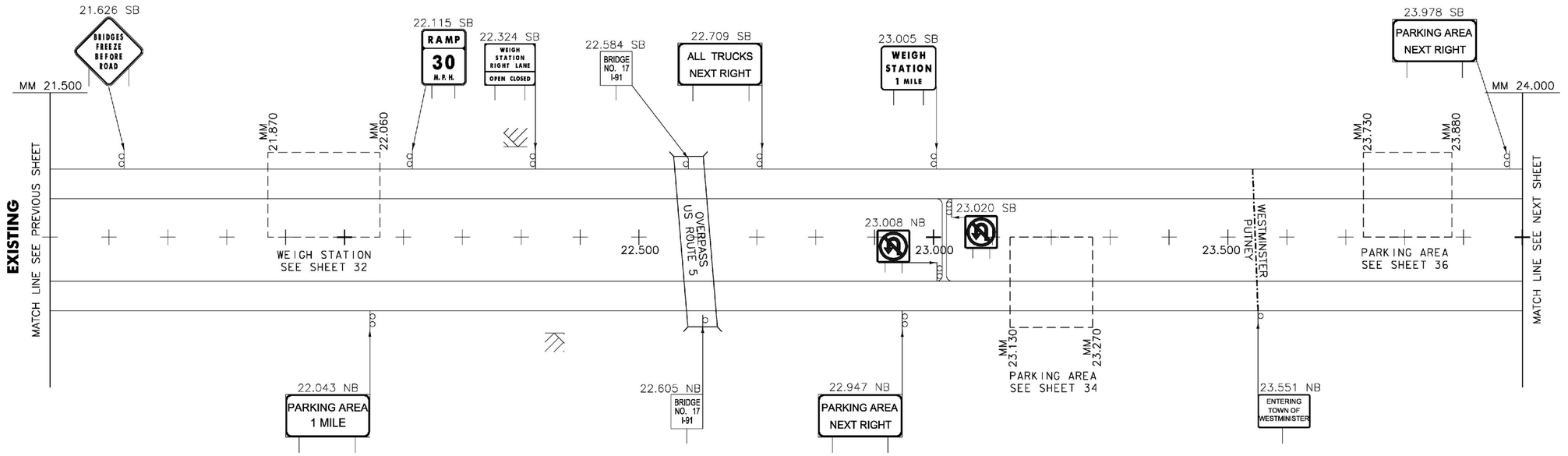
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528mainline.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
MAINLINE SIGN LAYOUT 9	SHEET 13 OF 157

CLD 12-0350 MODEL: 09

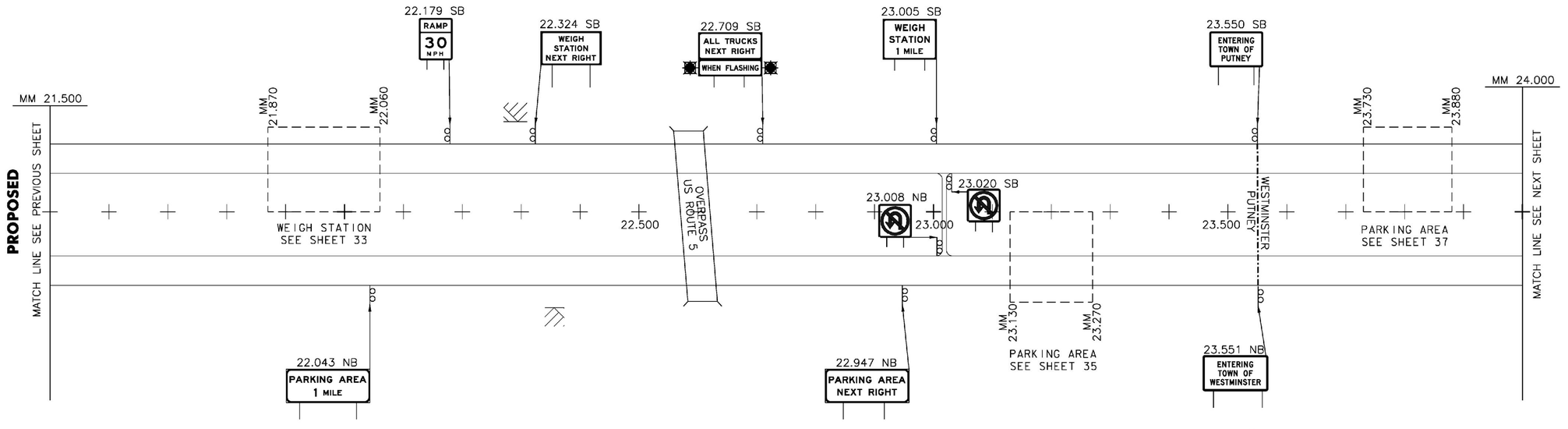
REMOVING SIGNS
TYPE A: 5
TYPE B: 6
BRIDGE PLAQUE: 2



LEGEND
[RET.] - RETAIN
[R&S.] - REMOVE & SALVAGE

ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

SPECIAL PROVISION (SOLAR-POWERED FLASHING BEACON ASSEMBLY, WEIGH STATION)
22.709 SB



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET.] - RETAIN
[SALV.] - SALVAGE

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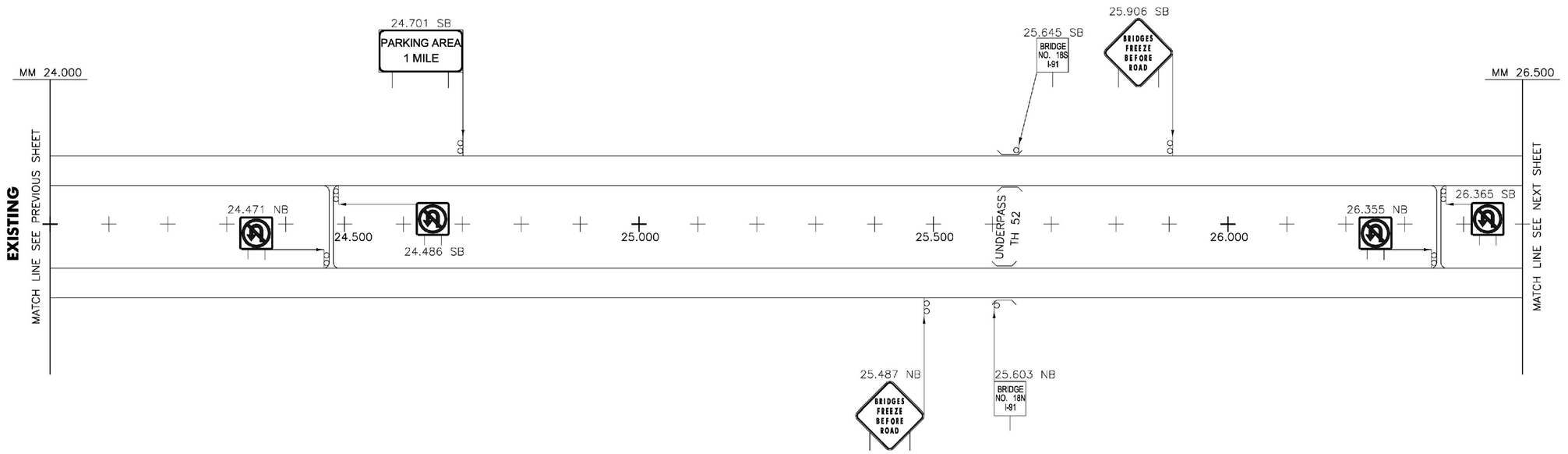
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 10

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 14 OF 157

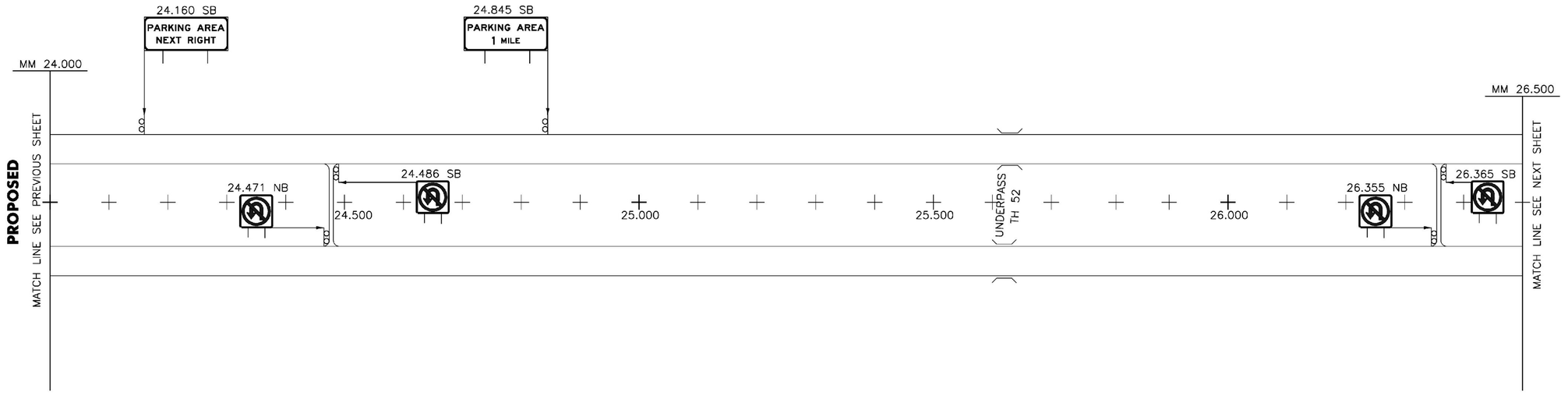
CLD 12-0350 MODEL:10

REMOVING SIGNS
TYPE A: 6
TYPE B: 1
BRIDGE PLAQUE: 2



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET.] - RETAIN
[R&S.] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET.] - RETAIN
[SALV.] - SALVAGE

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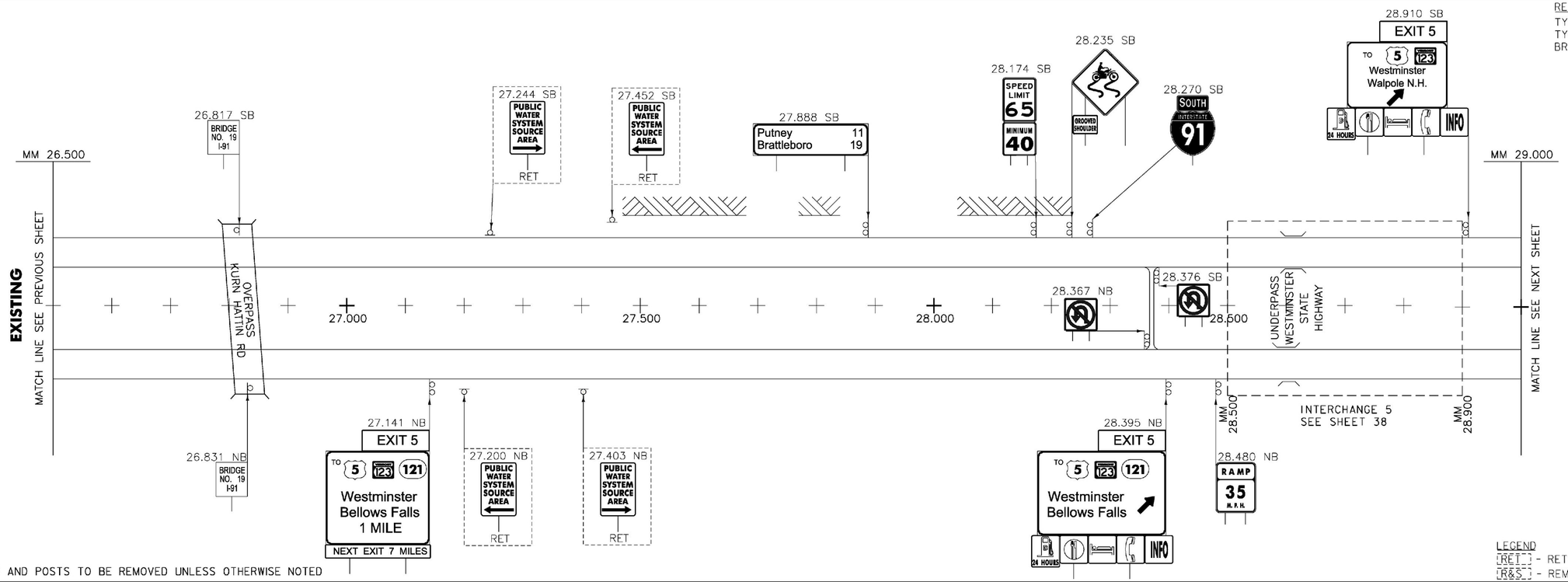
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 11

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 15 OF 157

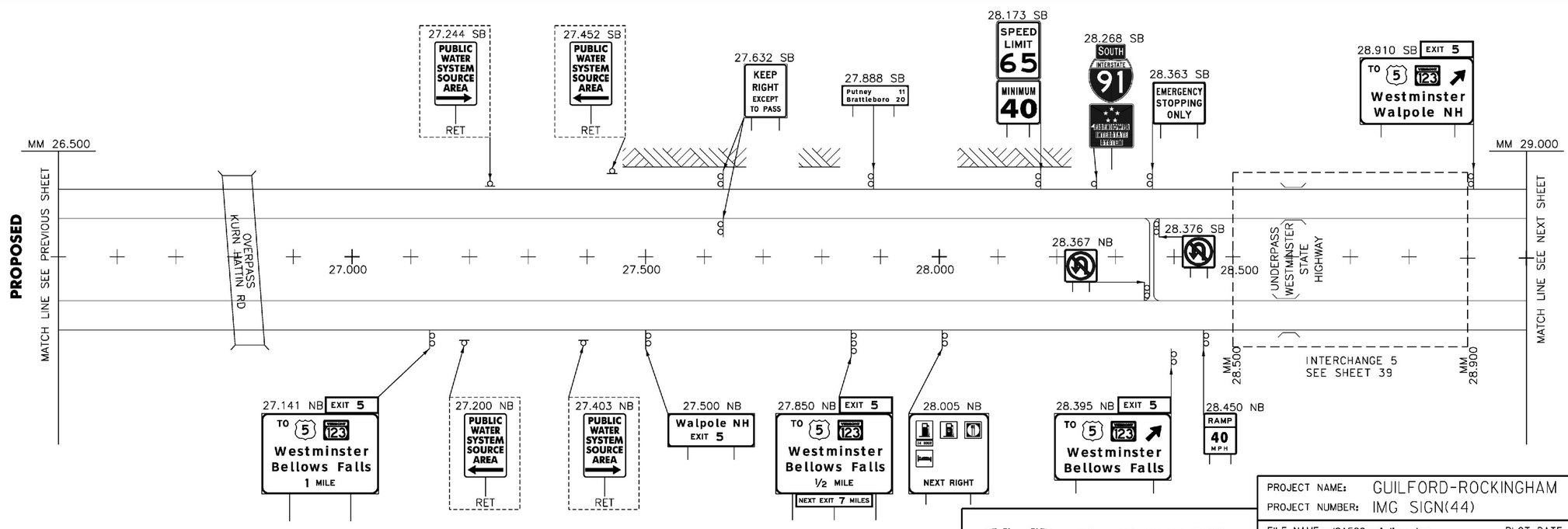
CLD 12-0350 MODEL: 11

REMOVING SIGNS
TYPE A: 22
TYPE B: 5
BRIDGE PLAQUE: 2



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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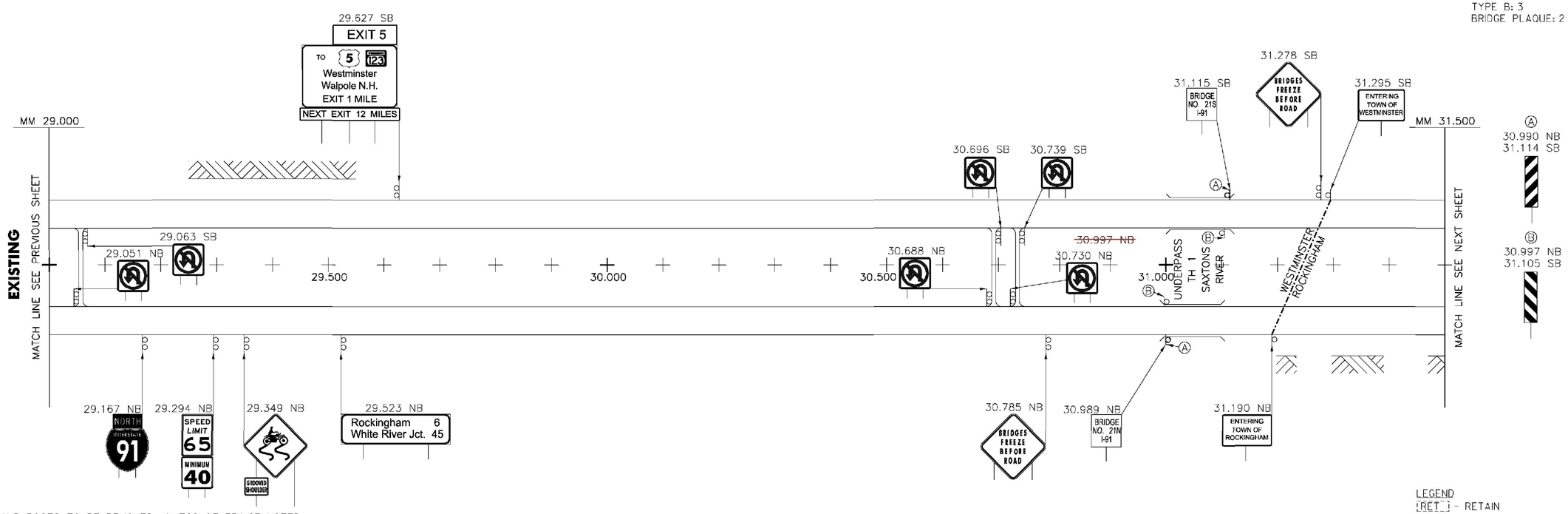
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 12

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 16 OF 157

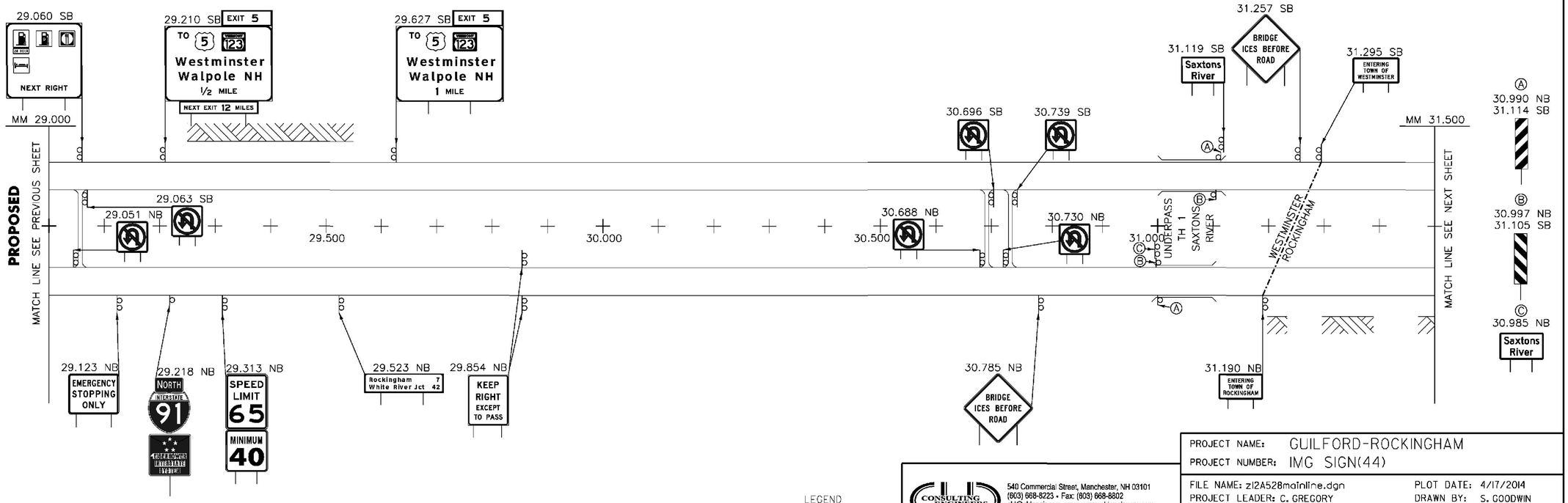
CLD 12-0350 MODEL:12

REMOVING SIGNS
TYPE A: 21
TYPE B: 3
BRIDGE PLAQUE: 2



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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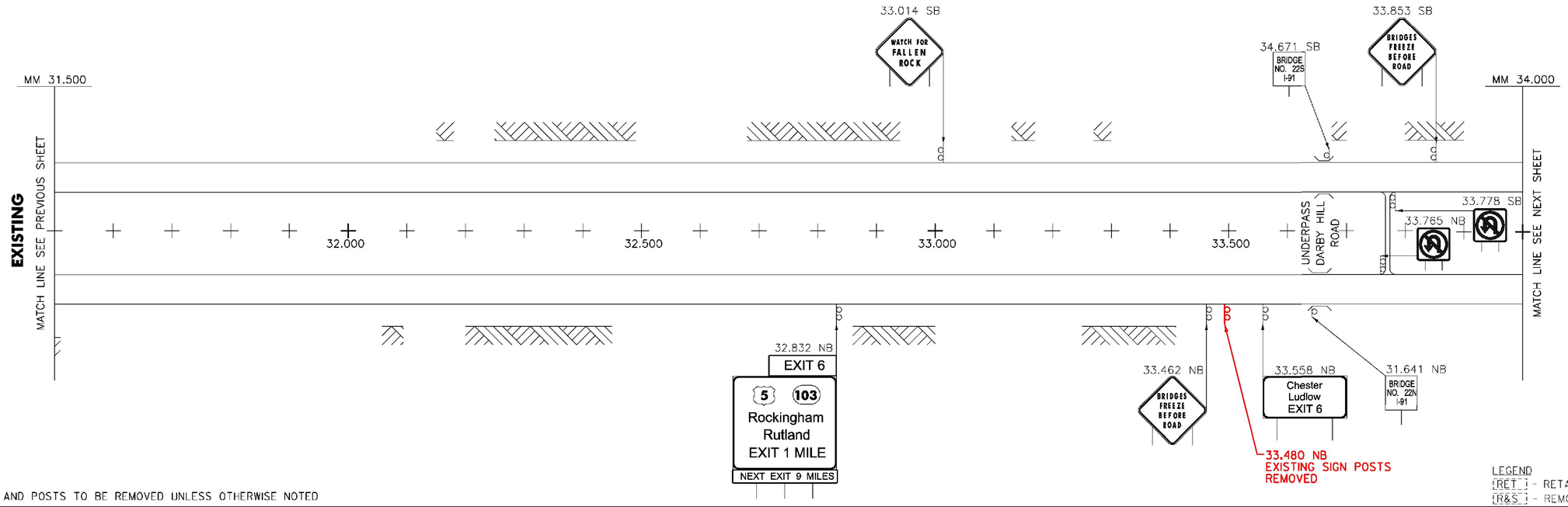
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 13

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 17 OF 157

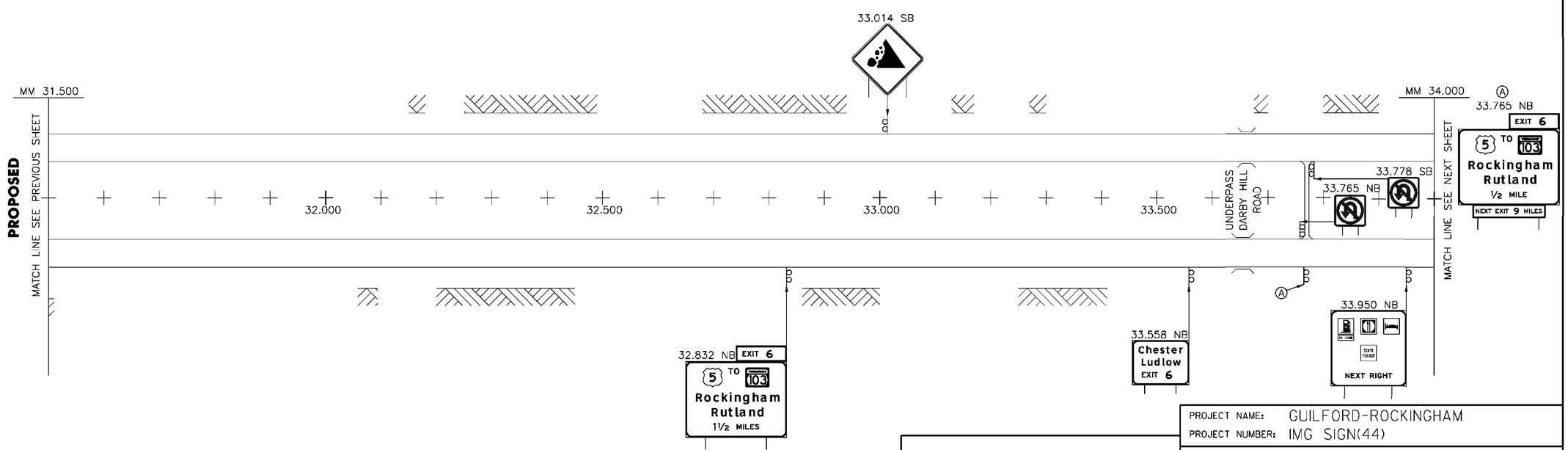
CLD 12-0350 MODEL: 13

REMOVING SIGNS
TYPE A: 6
TYPE B: 3
BRIDGE PLAQUE: 2



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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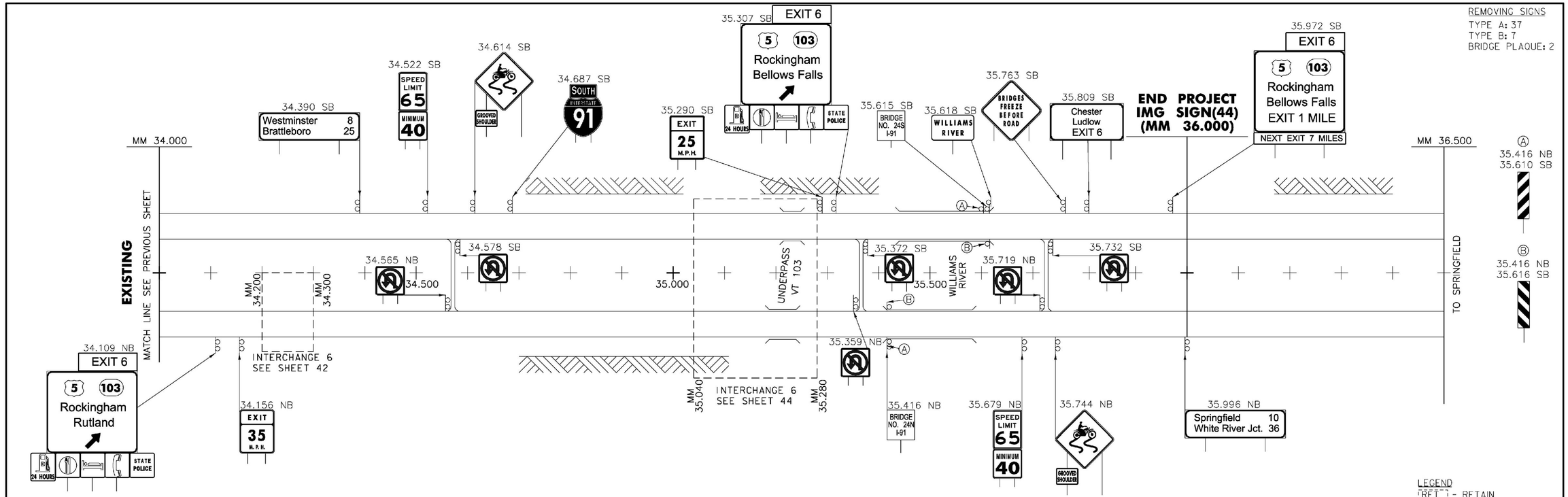
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 14

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 18 OF 157

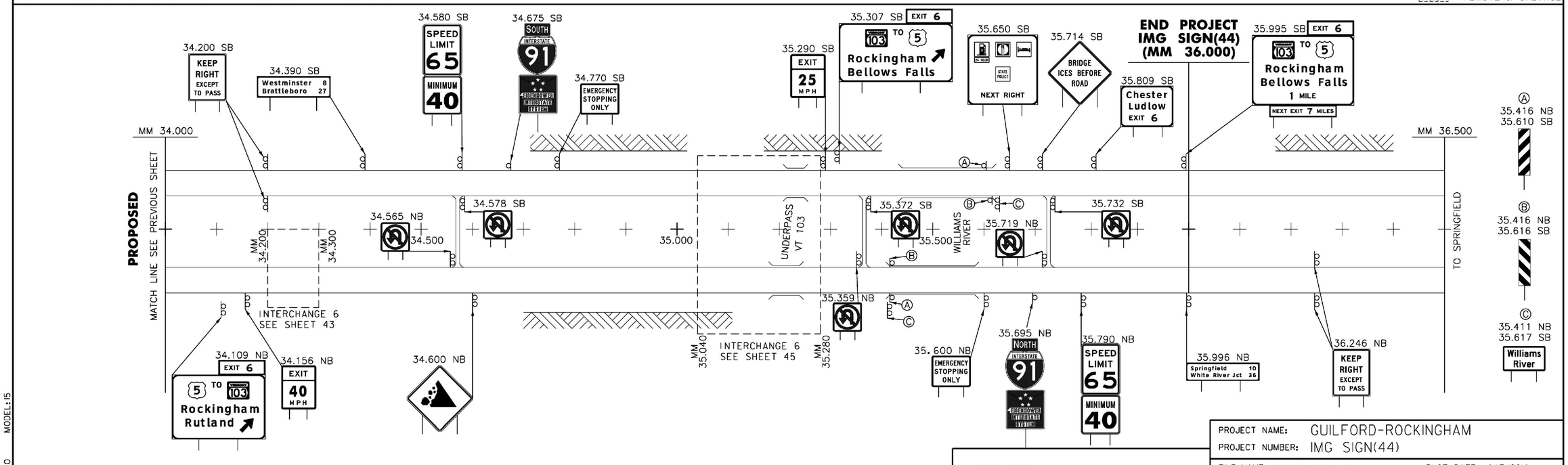
CLD 12-0350 MODEL: 14

REMOVING SIGNS
TYPE A: 37
TYPE B: 7
BRIDGE PLAQUE: 2



ALL EXISTING SIGNS AND POSTS TO BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE



ALL PROPOSED SIGNS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528mainline.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
MAINLINE SIGN LAYOUT 15

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 19 OF 157

CLD 12-0350 MODEL:15

REMOVING SIGNS
TYPE A: 60
TYPE B: 2

VT STATE PLANE GRID

NORTHBOUND I-91

RAMP A

RAMP B

RAMP C

MATCH LINE SEE SHEET 7

MM 5.540

MM 5.810

MATCH LINE SEE SHEET 1

5.542 NB

5.577 NB

5.579 NB REST AREA

5.689 NB Brattleboro NEXT 3 EXITS

5.781 NB ONE WAY

5.790 NB

5.550

5.600

5.650

5.700

5.750

5.800

0.000

0.026 RT WOMEN VETERANS MEMORIAL HIGHWAY

0.040 RT CARS NO PARKING ON PAVEMENT

0.040 LT TRUCKS BUSES & RVS

0.050

0.087 RT
0.087 LT REDUCED SPEED AHEAD

0.099 RT
0.099 LT WRONG WAY

0.100

0.126 LT CARS

0.148 RT
0.148 LT SPEED LIMIT 20

0.150

0.200

0.223 RT
0.223 LT SPEED LIMIT 20

0.247 RT

0.250

0.289 RT AHEAD

0.300

0.350

0.364 RT EXIT WALK DOGS HERE

0.377 RT WALK DOGS HERE

0.387 RT EXIT WALK DOGS HERE

0.400

0.403 LT EXIT

0.409 RT
0.409 LT

0.429 RT STOP

0.442 RT SAFETY BELTS REQUIRED

0.450

0.451 RT CLICK IT OR TICKET

0.460 RT

0.352 LT RESERVED PARKING FOR STATE POLICE

0.365 LT
0.377 LT
0.390 LT RESERVED PARKING

0.350 LT
0.351 RT B-B DO NOT ENTER AHEAD SIGN NOT PRESENT

10.024 LT TRUCKS BUSES & RVS

10.037 LT B-B PROHIBITED DO NOT ENTER

10.037 RT B-B BUSES DO NOT ENTER

10.050

10.056 RT
10.111 RT BUS PARKING ONLY

10.093 LT
10.128 LT EXIT

10.100

10.126 RT (RAMP C)
10.131 RT (RAMP C)

10.145 RT B-B EXIT DO NOT ENTER

10.146 RT B-B EXIT NO PARKING BEYOND THIS POINT DO NOT ENTER

10.150

10.156 RT ONE WAY

5.768 RT

WALK DOGS HERE B-B WALK DOGS HERE

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528welcome.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
GUILFORD WELCOME CENTER EXISTING SIGNS
SHEET 20 OF 157

CLD 12-0350 MODEL: Existing

N

VT STATE PLANE GRID

NORTHBOUND I-91

RAMP A

RAMP B

RAMP C

MATCH LINE SEE SHEET 7

MM 5.810

MM 5.540

5.800 NB

5.781 NB

ONE WAY

5.689 NB

Brattleboro EXITS

Canal St EXIT 1

Downtown EXIT 2

Putney Rd EXIT 3

5.579 NB

REST AREA

5.542 NB

5.577 NB

10.146 RT

10.145 RT

10.156 LT

10.093 LT

10.128 LT

5.730 RT

10.126 RT

10.131 RT

10.100

0.040 LT

TRUCKS BUSES

0.026 RT

WOMEN VETERANS MEMORIAL HIGHWAY

0.040 RT

CARS

0.099 RT

0.099 LT

WRONG WAY

10.037 LT

PROHIBITED

10.037 RT

BUSES

0.087 RT

0.087 LT

SPEED LIMIT 20

0.126 LT

TRUCKS BUSES CARS

0.148 RT

0.148 LT

0.223 RT

0.223 LT

0.409 RT

0.409 LT

10.056 RT

10.111 RT

BUS PARKING ONLY

0.403 LT

0.429 RT

STOP

0.442 RT

SAFETY BELTS REQUIRED

0.460 RT

0.365 LT

0.377 LT

0.390 LT

RESERVED PARKING

0.352 LT

RESERVED PARKING FOR STATE POLICE

0.387 RT

0.377 RT

WALK DOGS HERE

0.370 RT

ALL DOGS MUST BE ON LEASH

PLEASE CLEAN UP AFTER YOUR PETS

0.364 RT

0.350 LT

0.351 RT

0.330 LT

0.330 RT

0.327 RT

0.289 RT

AHEAD

0.247 RT

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

LEGEND

[RET] - RETAIN

[SALV] - SALVAGE

NOT TO SCALE

CLD 12-0350 MODEL: Proposed

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PROJECT NAME: GUILFORD-ROCKINGHAM

PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528welcome.dgn PLOT DATE: 4/17/2014

PROJECT LEADER: C. GREGORY DRAWN BY: S. FORTIER

DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO

GUILFORD WELCOME CENTER PROPOSED SIGNS SHEET 21 OF 157

VT STATE PLANE GRID

Ⓐ
7.332 NB
7.592 SB
0.224 LT (RAMP B)

Ⓑ
0.032 LT (RAMP C)
0.032 RT (RAMP C)
0.212 LT (RAMP E)
0.216 LT (RAMP E)
0.217 RT (RAMP E)

Ⓒ
0.788 CL (US 5)
0.811 CL (US 5)
0.827 CL (US 5)
0.932 CL (US 5)
0.940 CL (US 5)
0.960 CL (US 5)
0.976 CL (US 5)
1.006 CL (US 5)
1.019 CL (US 5)
1.034 CL (US 5)
1.042 CL (US 5)
1.050 CL (US 5)
1.059 CL (US 5)
RET

Ⓓ
0.034 LT (RAMP B)
0.047 LT (RAMP B)
0.057 LT (RAMP B)
0.037 LT (RAMP D)
0.045 LT (RAMP D)
0.054 LT (RAMP D)
0.159 LT (RAMP D)
0.177 LT (RAMP D)
0.186 LT (RAMP D)
0.204 LT (RAMP D)
0.213 LT (RAMP D)
0.041 LT (RAMP H)
0.050 LT (RAMP H)
0.059 LT (RAMP H)

Ⓔ
0.084 RT (RAMP B)
0.093 RT (RAMP B)
0.102 RT (RAMP B)
0.112 RT (RAMP B)

Ⓕ
0.063 RT (RAMP A)
0.032 RT (RAMP D)
0.082 RT (RAMP H)
PROHIBITED PEDESTRIANS BICYCLES EQUINE OR ANIMAL DRAWN VEHICLES FARM MACHINERY SNOW VEHICLES
TURN SIGNAL REQUIRED BEFORE CHANGING LANES

Ⓖ
0.242 RT (LAMP B)
0.245 LT (RAMP B)
B–B
YIELD
DO NOT ENTER
ONE WAY
ONE WAY

Ⓗ
0.124 RT (RAMP B)
0.228 LT (RAMP B)
NORTH 5
SOUTH 5

Ⓘ
0.204 LT (RAMP B)
0.204 RT (RAMP B)
0.179 LT (RAMP E)
WRONG WAY

Ⓙ
0.132 RT (RAMP D)
25 M.P.H.

Ⓚ
0.132 RT (RAMP E)
0.217 LT (RAMP E)
SOUTH 5
NORTH 5

Ⓛ
0.762 RT (US 5)
0.859 LT (US 5)
1.010 LT (US 5)
RET

Ⓜ
0.858 LT (US 5)
SOUTH 91
RET

Ⓝ
0.868 RT
1.040 RT
H
RET

Ⓞ
0.885 LT (US 5)
25 M.P.H.

Ⓟ
0.893 RT (US 5)
13'-10"
RET

Ⓠ
0.947 LT (US 5)
SOUTH 91
RET

REMOVING SIGNS
TYPE A: 151
TYPE B: 4
BRIDGE PLAQUE: 2

Ⓡ
0.975 LT (US 5)
Guilford 1
Bernardston MA 7

Ⓢ
0.988 CL (US 5)
B–B
NORTH 91
RET

Ⓣ
1.006 CL (US 5)
B–B

Ⓤ
1.025 RT
SPEED LIMIT 25

Ⓥ
1.059 LT
SOUTH 5
SOUTH 91
NORTH 91
RET

Ⓦ
7.244 SB
7.524 SB
7.769 NB
ONE WAY

Ⓧ
7.466 NB
7.490 SB

Ⓨ
7.460 NB
7.497 SB

0.684 LT
HIDDEN DRIVE RIGHT
RET

0.654 RT
JCT 91
RET

0.723 LT
Guilford 1
RET

0.766 LT
SOUTH 5
RET

0.691 RT
RET

0.745 LT
SPEED LIMIT 35
RET

0.185 RT
B–B
BRATTLEBORO 2
HINSDALE N.H. 5
GUILFORD 1
SERVICES
2 CAMPING
1 HOSPITAL

0.155 RT

7.552 SB

7.662 SB
EXIT 1
5
Brattleboro

MM 7.820
MATCH LINE SEE SHEET B

7.590 SB
EXIT 1

7.660 SB
EXIT 20 M.P.H.

0.250 RT

7.666 NB

0.722 RT
JOHN SEITZ DR
STOP
RET

0.730 RT
Putney 11 REMOVE
White River Jct 67 REMOVE
Bernardston MA 7 REMOVE
RET RET

0.833 RT
SPEED LIMIT 35
RET

0.748 RT
NORTH 5
NORTH 91
SOUTH 91
RET

0.850 RT
NORTH 91
RET

7.491 SB
BRIDGE NO. 4S I-91

0.218 RT

1.037 LT
NORTH 91
RET

0.060 LT
0.061 RT
YIELD

1.096 LT
STATE HIGHWAY BEGINS
SPEED LIMIT 35
RET

1.044 LT
RAMP 25 M.P.H.

1.077 LT
Putney 11
White River Jct 67

7.336 SB

7.465 NB
BRIDGE NO. 4N I-91

0.200 RT

0.964 RT
SAFETY ZONE NO DISCHARGING OF FIRE ARMS IN THIS AREA

1.129 LT
JCT 91
RET

MATCH LINE SEE SHEET B
MM 7.200

7.248 NB
EXIT 1
5
Brattleboro

7.258 NB
EXIT 40 M.P.H.

7.338 NB
EXIT 1

0.089 RT

0.179 RT
B–B
BRATTLEBORO 2
HINSDALE N.H. 5
GUILFORD 1
SERVICES
HOSPITAL 1
CAMPING 2
WRONG WAY

0.963 RT
REMOVE 2
Putney 11
White River Jct 67
NORTH 91
RET RET RET RET

0.983 RT
ONLY
RET

1.002 RT
REMOVE 3
Brattleboro 2
Vernon 5
Hinsdale NH 5
RET NORTH 5 RET
RET TO VERMONT 142 RET
RET RET

1.090 RT
NO OUTLET
TOWN OF BRATTLEBORO NO OVERNIGHT PARKING ON ANY STREET
RET

1.099 RT
ONLY
SPEED LIMIT 25
STATE HIGHWAY ENDS
RET

TIC
TIC (RET)

NORTHBOUND I-91
SOUTHBOUND I-91
US 5 SOUTHBOUND
US 5 NORTHBOUND
JOHN SEITZ DR
GENEROUS ST
DRIVE
RAMP A
RAMP B
RAMP C
RAMP D
RAMP E
RAMP G
RAMP H

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

CLD 12-0350 MODEL: Existing

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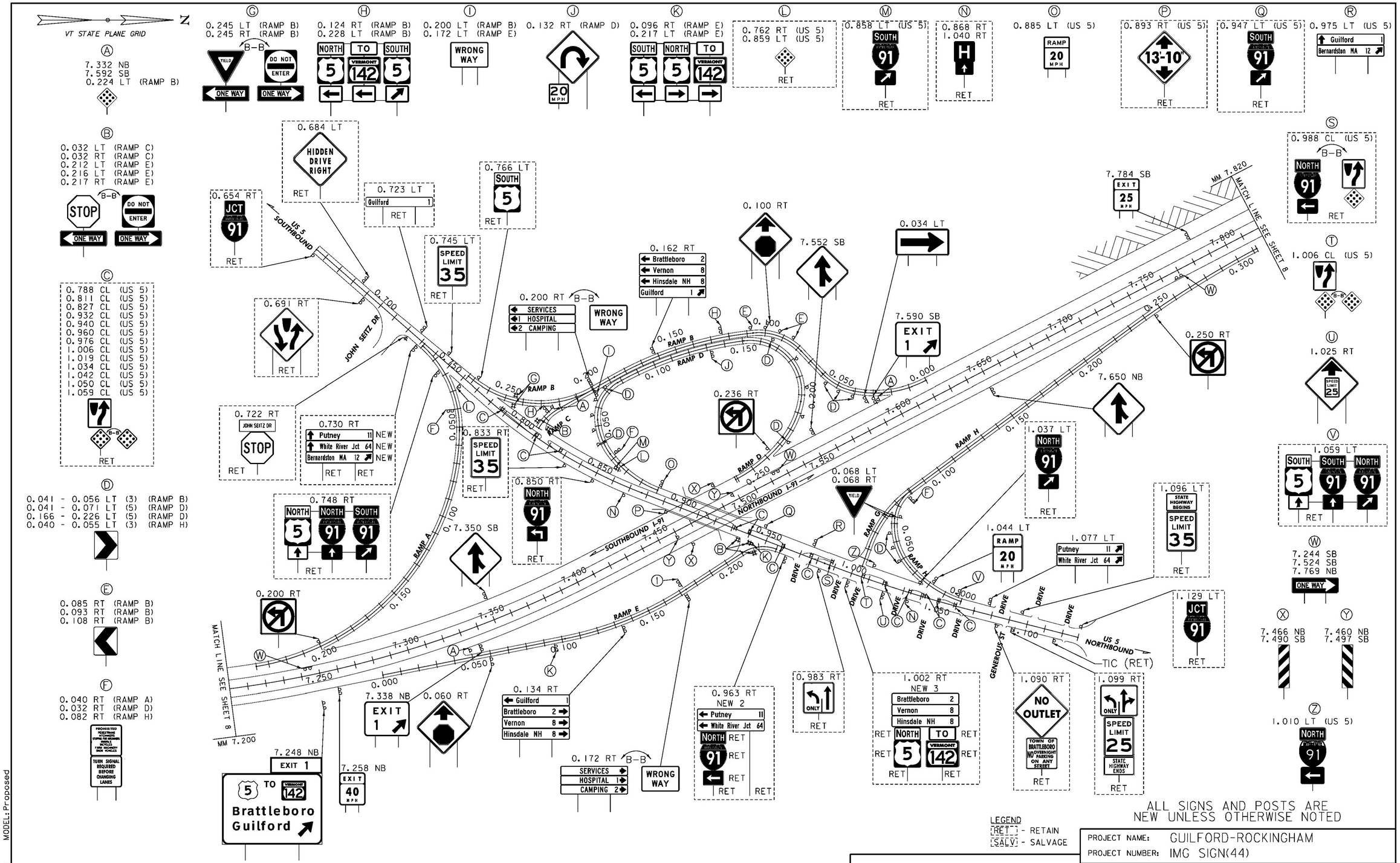
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt01.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 1 EXISTING SIGNS
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 22 OF 157



LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

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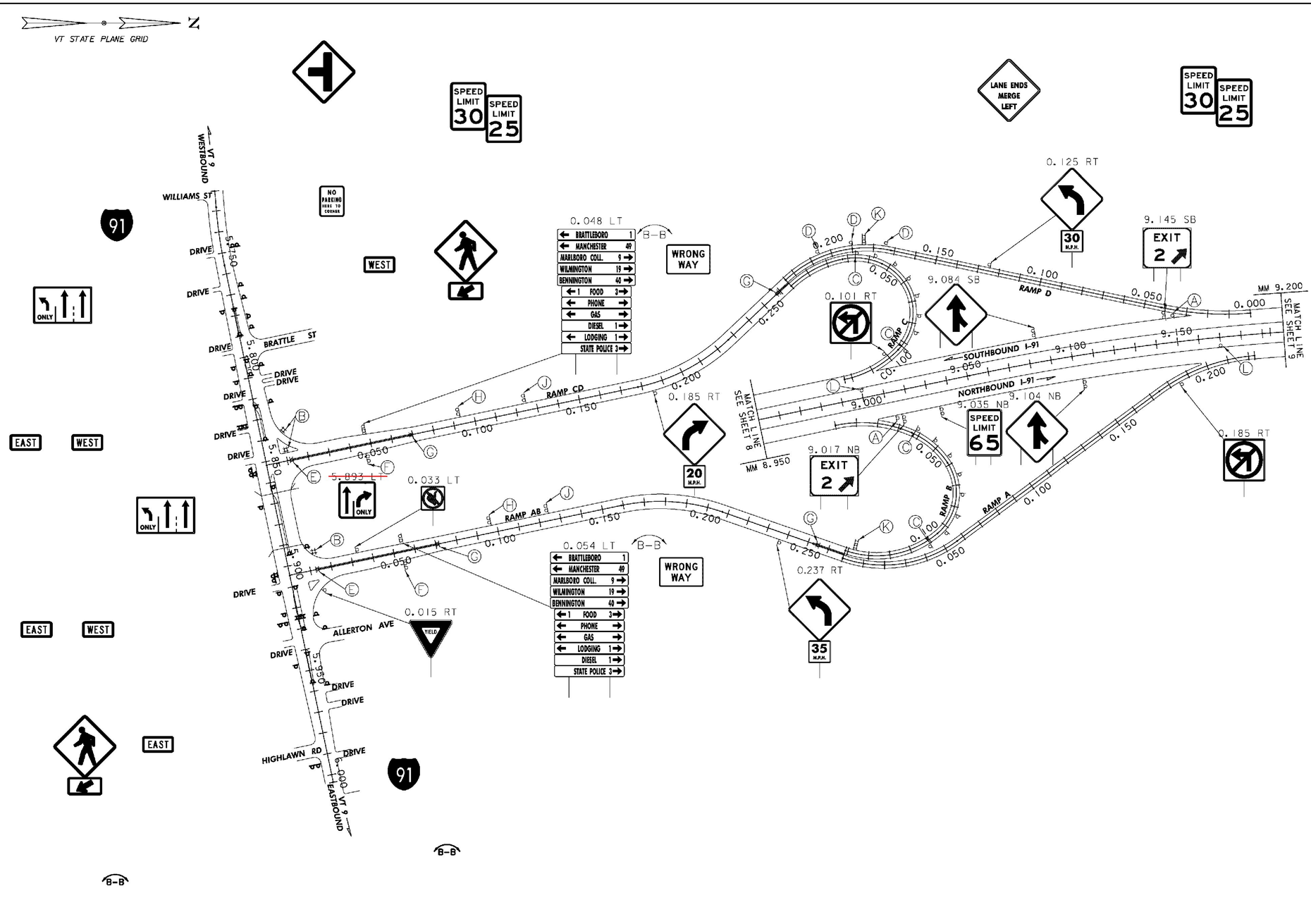
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528int01.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 1 PROPOSED SIGNS
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 23 OF 157

CLD 12-0350 MODEL: Proposed



REMOVING SIGNS
TYPE A: 118
TYPE B: 2

Ⓐ
9.014 NB
9.149 SB

Ⓑ
0.013 LT (RAMP AB)
0.010 LT (RAMP CD)
0.011 LT (RAMP CD)

STOP ONE WAY
DO NOT ENTER ONE WAY

Ⓒ
0.039 LT (RAMP B)
0.048 LT (RAMP B)
0.057 LT (RAMP B)
0.066 LT (RAMP B)
0.074 LT (RAMP B)
0.084 LT (RAMP B)
0.092 LT (RAMP B)
0.101 LT (RAMP B)
0.034 LT (RAMP C)
0.043 LT (RAMP C)
0.052 LT (RAMP C)
0.060 LT (RAMP C)
0.068 LT (RAMP C)
0.077 LT (RAMP C)
0.084 LT (RAMP C)
0.093 LT (RAMP C)

Ⓓ
0.175 RT (RAMP D)
0.190 RT (RAMP D)
0.206 RT (RAMP D)

Ⓔ
0.013 CL (RAMP AB)
0.012 CL (RAMP CD)
B-B
STOP

Ⓕ
0.054 RT (RAMP AB)
0.047 RT (RAMP CD)
PROHIBITED
TURN SIGNAL REQUIRED BEFORE CHANGING LANES

Ⓖ
0.071 CL (RAMP AB)
0.255 CL (RAMP AB)
0.069 CL (RAMP CD)
0.259 CL (RAMP CD)

Ⓗ
0.097 LT (RAMP AB)
0.093 LT (RAMP CD)
EAST TO WEST
9 30 9

Ⓙ
0.125 LT (RAMP AB)
0.124 LT (RAMP CD)

Ⓚ
0.137 RT (RAMP B)
0.184 RT (RAMP D)
B-B
WRONG WAY

Ⓛ
9.000 SB
9.170 NB
ONE WAY

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

NOT TO SCALE

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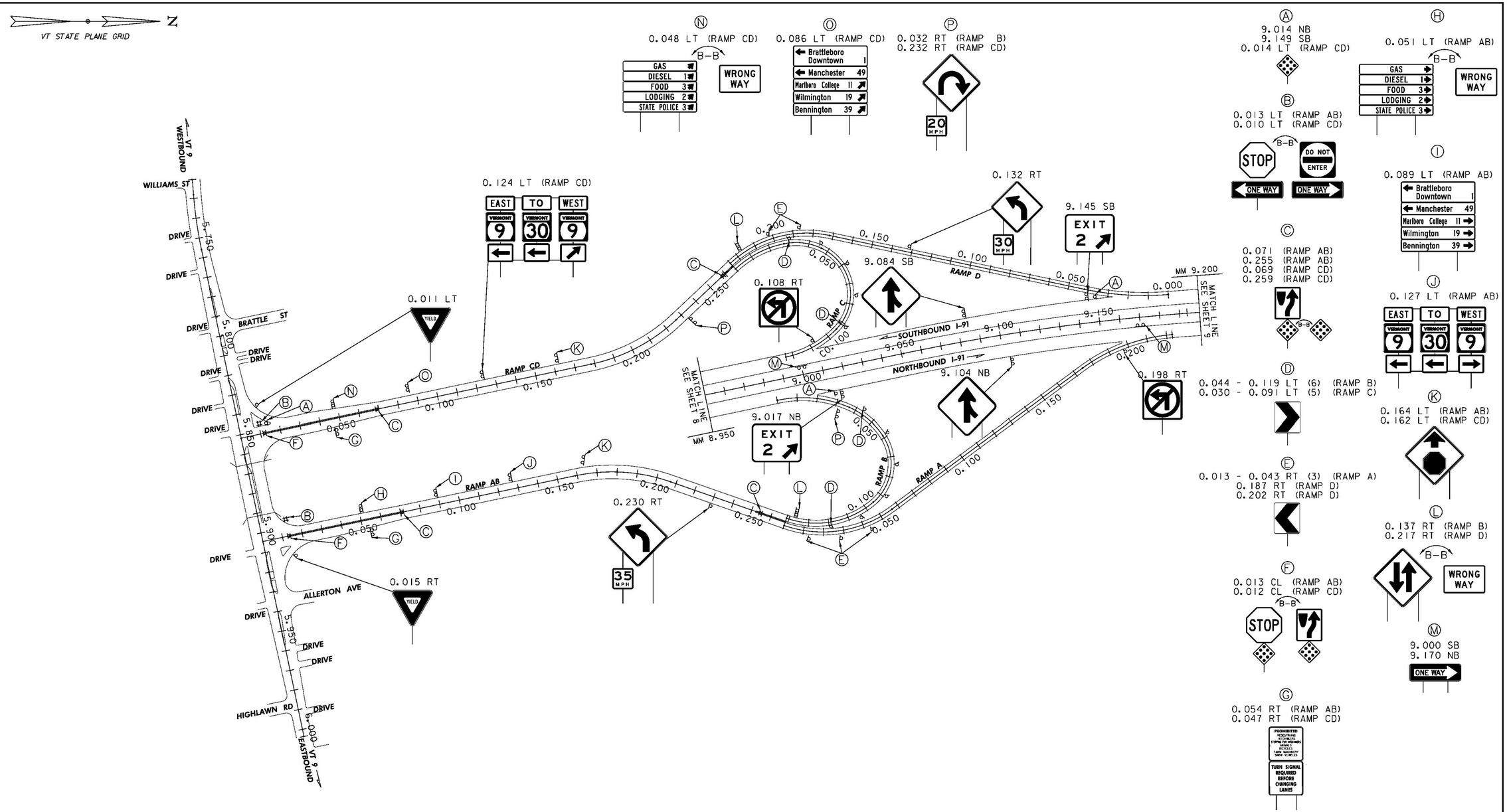
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt02.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 2 EXISTING SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 24 OF 157

CLD 12-0350 MODEL: Existing



CLD 12-0350 MODEL: Proposed

NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

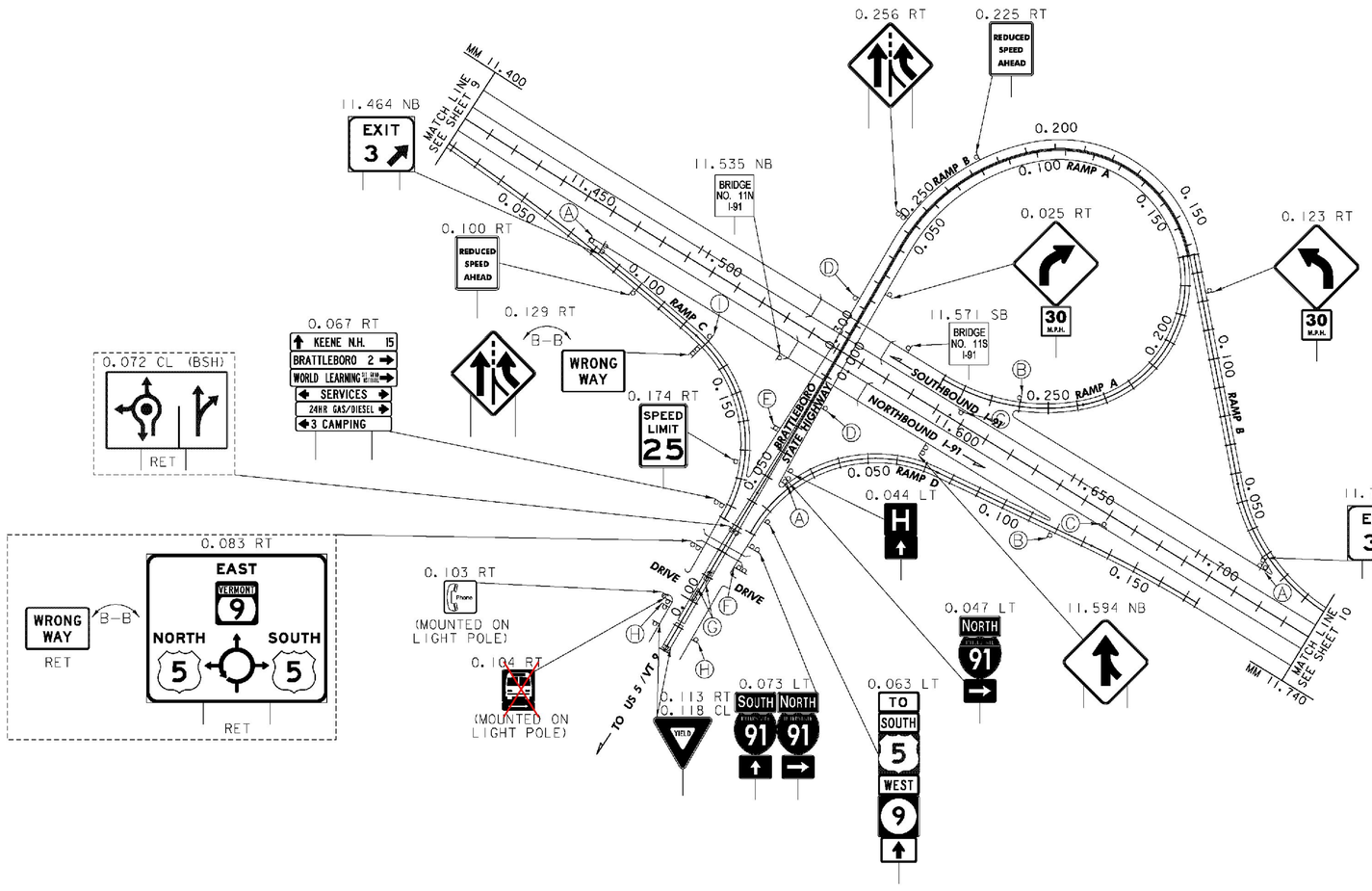
FILE NAME: z12A5281nt02.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
INTERCHANGE 2 PROPOSED SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 25 OF 157

N

VT STATE PLANE GRID

REMOVING SIGNS
TYPE A: 58
TYPE B: 2
BRIDGE PLAQUE: 2



PCL YEILD SIGN
REMOVED/ SALVAGED
AT NEW LOCATION

Ⓐ
11.459 NB
11.715 SB
0.048 LT (BSH)

Ⓑ
0.260 RT (RAMP A)
0.119 RT (RAMP D)

Ⓒ
11.598 SB
11.660 NB
ONE WAY

Ⓓ
0.288 RT (RAMP B)
0.020 LT (BSH)
13'-9"

Ⓔ
0.034 RT (BSH)
B-B
SPEED LIMIT 25

Ⓕ
0.082 LT (BSH)
TURN SIGNAL REQUIRED BEFORE CHANGING LANES
PROHIBITED PEDESTRIANS BICYCLISTS STOPPING FOR VIEWERS MOPEDS MOPEDS FARM MACHINERY SNOW VEHICLES

Ⓖ
0.090 CL (BSH) (FACING NORTH)
0.098 CL (BSH) (FACING SOUTH)
ONE WAY

Ⓗ
0.106 RT (BSH)
0.111 LT (BSH)

Ⓘ
0.129 LT (RAMP C)
WRONG WAY

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

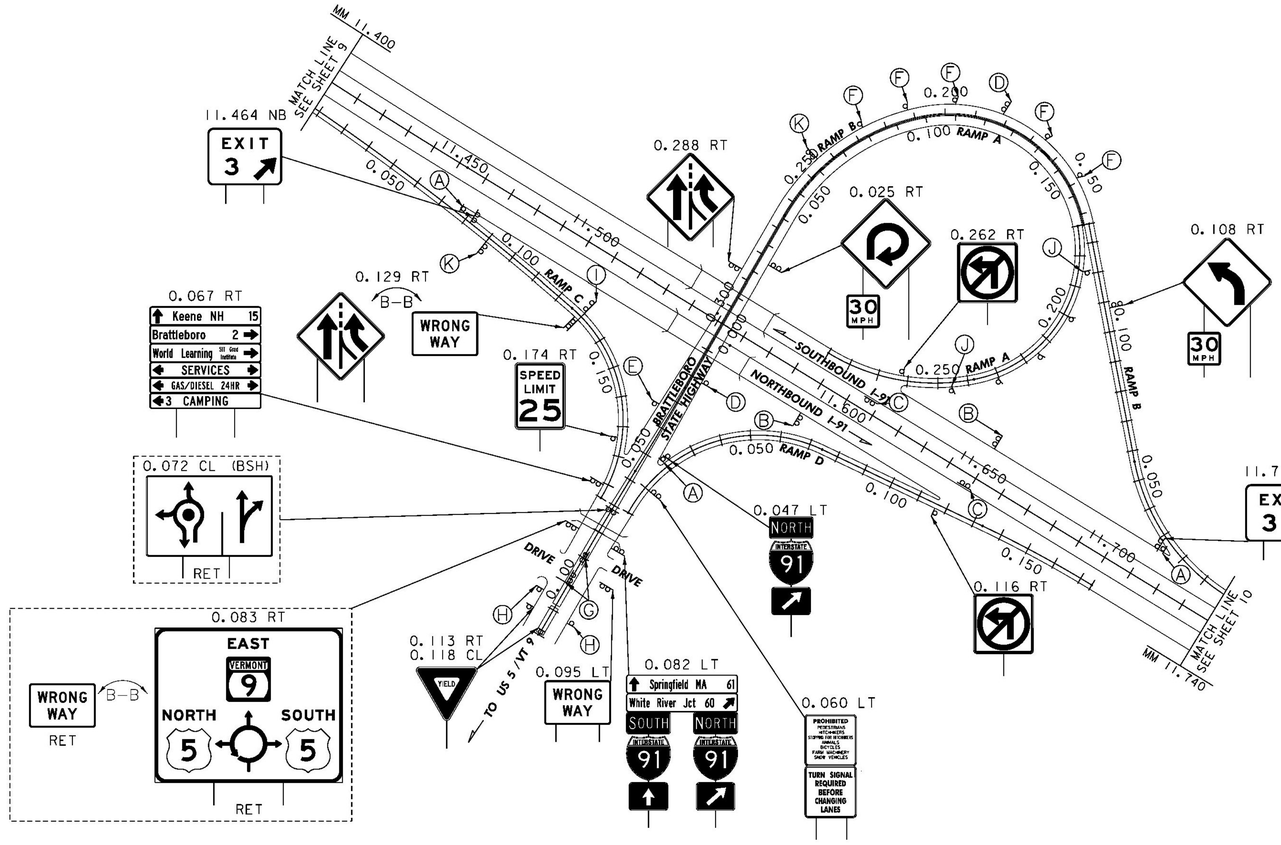
FILE NAME: z12A5281nt03.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 3 EXISTING SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 26 OF 157

CLD 12-0350 MODEL: Existing

N

VT STATE PLANE GRID



Ⓐ
11.459 NB
11.715 SB
0.048 LT (BSH)

Ⓑ
11.590 NB
11.650 SB

Ⓒ
11.607 SB
11.648 NB
ONE WAY

Ⓓ
0.182 RT (RAMP B)
0.020 LT (BSH)
13'-9"

Ⓔ
0.034 RT (BSH)
SPEED LIMIT 25

Ⓕ
0.152 RT (RAMP B)
0.167 RT (RAMP B)
0.197 RT (RAMP B)
0.212 RT (RAMP B)
0.227 RT (RAMP B)

Ⓖ
0.090 CL (BSH) (FACING NORTH)
0.098 CL (BSH) (FACING SOUTH)
ONE WAY

Ⓗ
0.106 RT (BSH)
0.111 LT (BSH)

Ⓘ
0.129 LT (RAMP C)
WRONG WAY

Ⓙ
0.185 - 0.245 LT (5) (RAMP A)

Ⓚ
0.244 RT (RAMP B)
0.090 RT (RAMP C)
SPEED LIMIT 25

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

NOT TO SCALE

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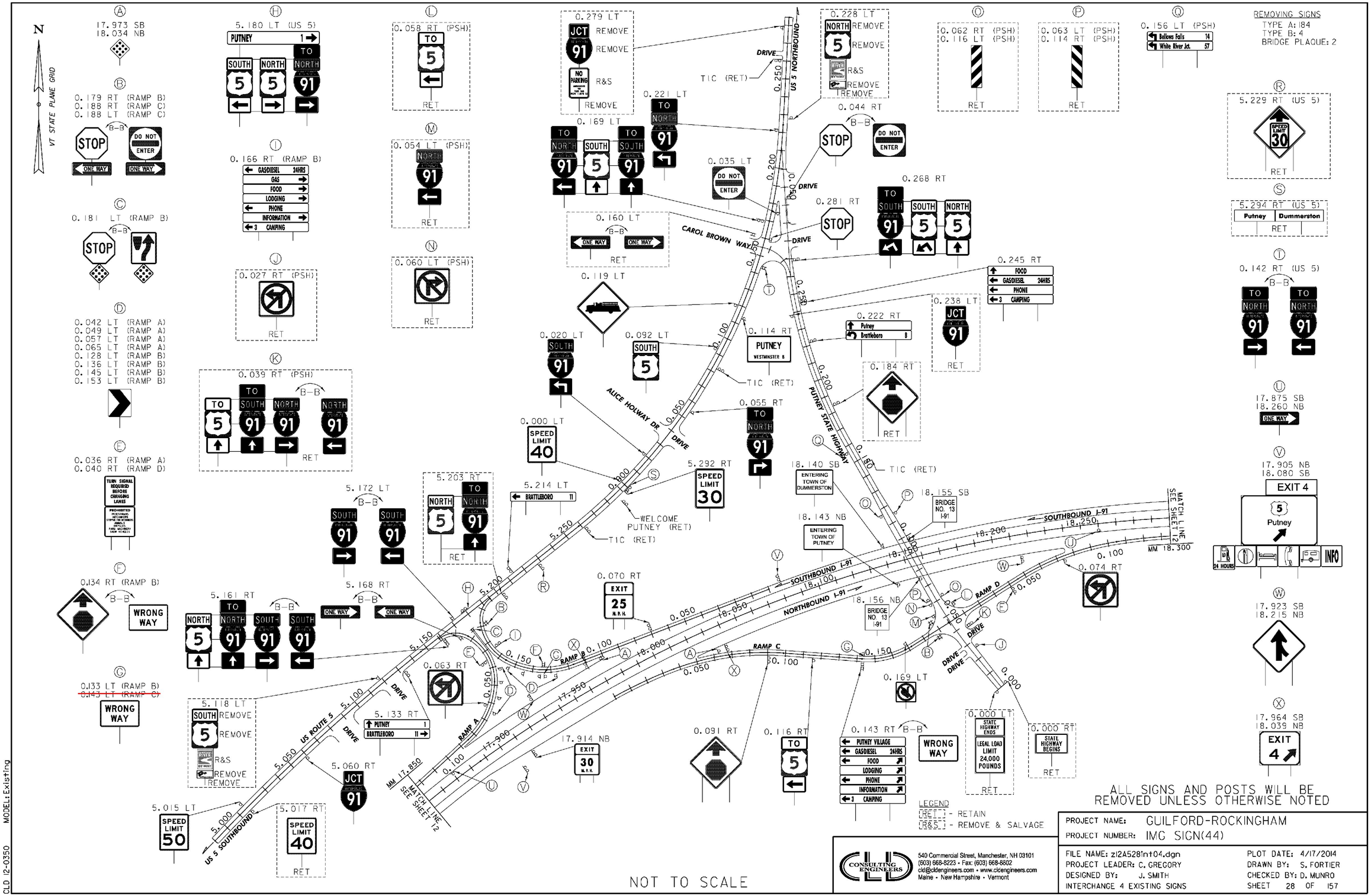
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt03.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 3 PROPOSED SIGNS
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 27 OF 157

CLD 12-0350 MODEL: Proposed



PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A5281nt04.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
INTERCHANGE 4 EXISTING SIGNS	SHEET 28 OF 157

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CLD 12-0350 MODEL: Existing

N

VT STATE PLANE GRID

Ⓐ
17.973 SB
18.034 NB

Ⓑ
0.179 RT (RAMP B)
0.188 RT (RAMP C)
0.188 LT (RAMP C)
B-B
STOP
ONE WAY
DO NOT ENTER
ONE WAY

Ⓒ
0.181 LT (RAMP B)
B-B
STOP

Ⓓ
0.042 - 0.065 LT (4) (RAMP A)
0.136 - 0.153 LT (3) (RAMP B)

Ⓔ
0.036 RT (RAMP A)
0.030 RT (RAMP D)
PROHIBITED
TRUCKS HAVING
4 OR MORE AXLES
EXCEPTIONS
COMMERCIAL BUSES
MOTOR HOMES
FARM MACHINERY
SNOW VEHICLES
TURN SIGNAL
REQUIRED
BEFORE
CHANGING
LANES

Ⓕ
0.120 RT (RAMP B)
0.075 RT (RAMP C)

Ⓖ
0.145 LT (RAMP B)
0.150 LT (RAMP C)
WRONG WAY

Ⓗ
0.150 RT (RAMP B)
SOUTH 5
NORTH 5

Ⓘ
0.170 RT (RAMP B)
B-B
GAS/DIESEL 24HR
GAS
FOOD
LODGING
INFORMATION
3 CAMPING
WRONG WAY

Ⓙ
0.027 RT (PSH)
RET

Ⓚ
0.039 RT (PSH)
B-B
TO 5
SOUTH 91
NORTH 91
NORTH 91
RET

Ⓛ
0.058 RT (PSH)
TO 5
RET

Ⓜ
0.054 LT (PSH)
NORTH 91
RET

Ⓝ
0.060 LT (PSH)
RET

0.279 LT
JCT 91 NEW
NEW
NO PARKING
SALV
NEW

0.228 RT
NORTH 5 NEW
NEW
SALV
NEW
NEW

TIC (RET)

0.221 LT
Bellows Falls 14
White River Jct 53

0.169 LT
TO
NORTH 91
SOUTH 91

0.035 LT
DO NOT ENTER

0.044 RT
B-B
STOP
DO NOT ENTER

0.281 RT
STOP

0.268 RT
TO
SOUTH 5
SOUTH 91
NORTH 5

0.160 LT
B-B
ONE WAY
ONE WAY
RET

0.119 LT

0.245 RT
FOOD
GAS/DIESEL 24HR
3 CAMPING

0.238 LT
JCT 91
RET

0.222 RT
Putney
Brattleboro 11

0.092 LT
SOUTH 5

0.114 RT
Putney
Westminster 8

0.184 RT
RET

0.030 LT
SOUTH 91

0.055 RT
Bellows Falls 14
White River Jct 53
TO
NORTH 91

0.156 LT
NORTH 91

0.000 LT
SPEED LIMIT 40

18.140 SB
ENTERING TOWN OF DUMMERSTON

0.115 RT
JCT 5

18.161 SB
EXIT 4
5
Putney

5.203 RT
TO
NORTH 5
NORTH 91
RET

5.220 LT
Brattleboro 11

5.180 LT
Putney
Landmark College 1
SOUTH 5
NORTH 5

5.182 LT
SOUTH 91

5.292 RT
SPEED LIMIT 30

18.118 SB
EXIT 25 MPH

5.161 RT
B-B
SOUTH 91
SOUTH 91

0.128 LT

18.143 NB
ENTERING TOWN OF PUTNEY

0.077 RT

0.015 RT
JCT 91

5.130 LT
SOUTH 5 NEW
NEW
SALV
NEW
NEW

0.090 RT

5.133 RT
Brattleboro 11

0.112 RT
Putney
Landmark College 1
TO
5

0.150 RT
B-B
GAS/DIESEL 24HR
FOOD
LODGING
INFORMATION
3 CAMPING
WRONG WAY

0.000 LT
STATE HIGHWAY ENDS
LEGAL LOAD LIMIT 24,000 POUNDS
RET

0.000 RT
STATE HIGHWAY BEGINS
RET

5.015 LT
SPEED LIMIT 50

5.060 RT
JCT 91

5.017 RT
SPEED LIMIT 40
RET

17.914 NB
EXIT 35 MPH

MM 17.850
MATCH LINE SEE SHEET 12

MM 18.300
MATCH LINE SEE SHEET 12

0.062 RT (PSH)
0.116 LT (PSH)
RET

0.063 LT (PSH)
0.114 RT (PSH)
RET

Ⓠ
0.200 LT (PSH)
Bellows Falls 14
White River Jct 53

Ⓡ
5.229 RT (US 5)
SPEED LIMIT 30
RET

Ⓢ
5.294 RT (US 5)
Putney
Dummerston
RET

Ⓣ
0.145 RT (US 5)
B-B
TO NORTH 91
TO NORTH 91

Ⓤ
17.879 SB
18.244 NB
ONE WAY

Ⓥ
17.888 NB
EXIT 4
TO 5
Putney

Ⓦ
17.923 SB
18.170 NB

Ⓧ
17.964 SB
18.039 NB
EXIT 4

DRIVE
US 5 NORTHBOUND
CAROL BROWN WAY
ALICE HOLWAY DR
PUTNEY STATE HIGHWAY
RAMP A
RAMP B
RAMP C
RAMP D
US ROUTE 5
US 5 SOUTHBOUND
SOUTHBOUND I-91
NORTHBOUND I-91
WELCOME PUTNEY (RET)
TIC (RET)

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

LEGEND
RET - RETAIN
SALV - SALVAGE

NOT TO SCALE

CLD 12-0350 MODEL: Proposed

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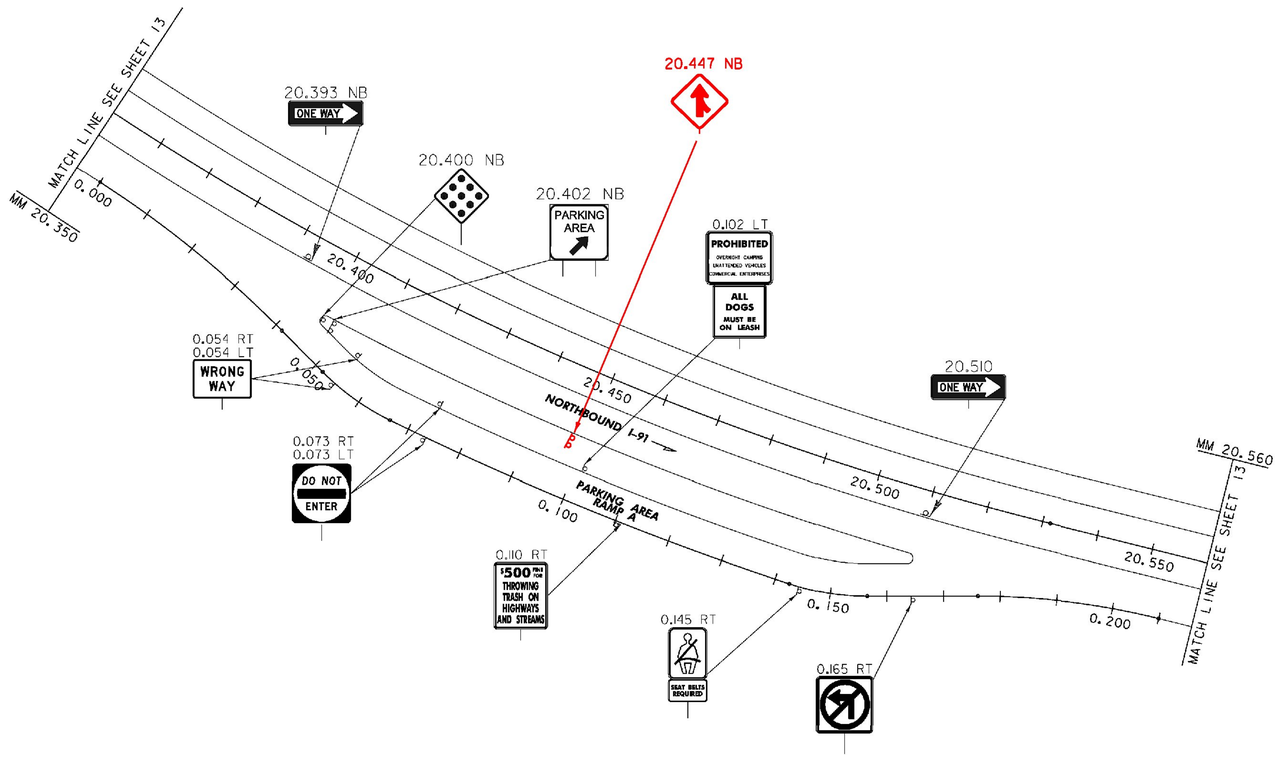
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt04.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 4 PROPOSED SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 29 OF 157

REMOVING SIGNS
TYPE A: 13
TYPE B: 1

VT STATE PLANE GRID



NOT TO SCALE

LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

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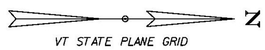
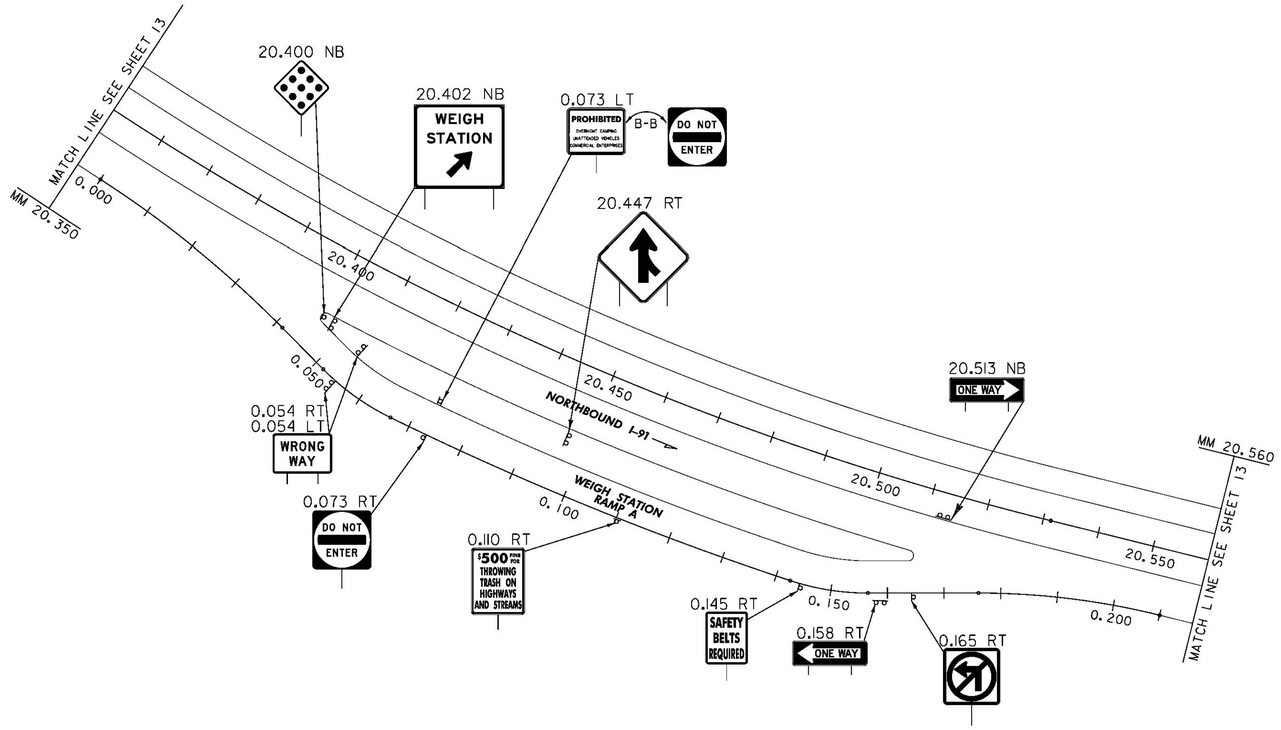
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528parking.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
NB PARKING AREA MM 20.4 EXISTING SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 30 OF 157

CLD 12-0350 MODEL: Existing Parking NB MM 20.4





NOT TO SCALE

LEGEND
[RET.] - RETAIN
[SALV.] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

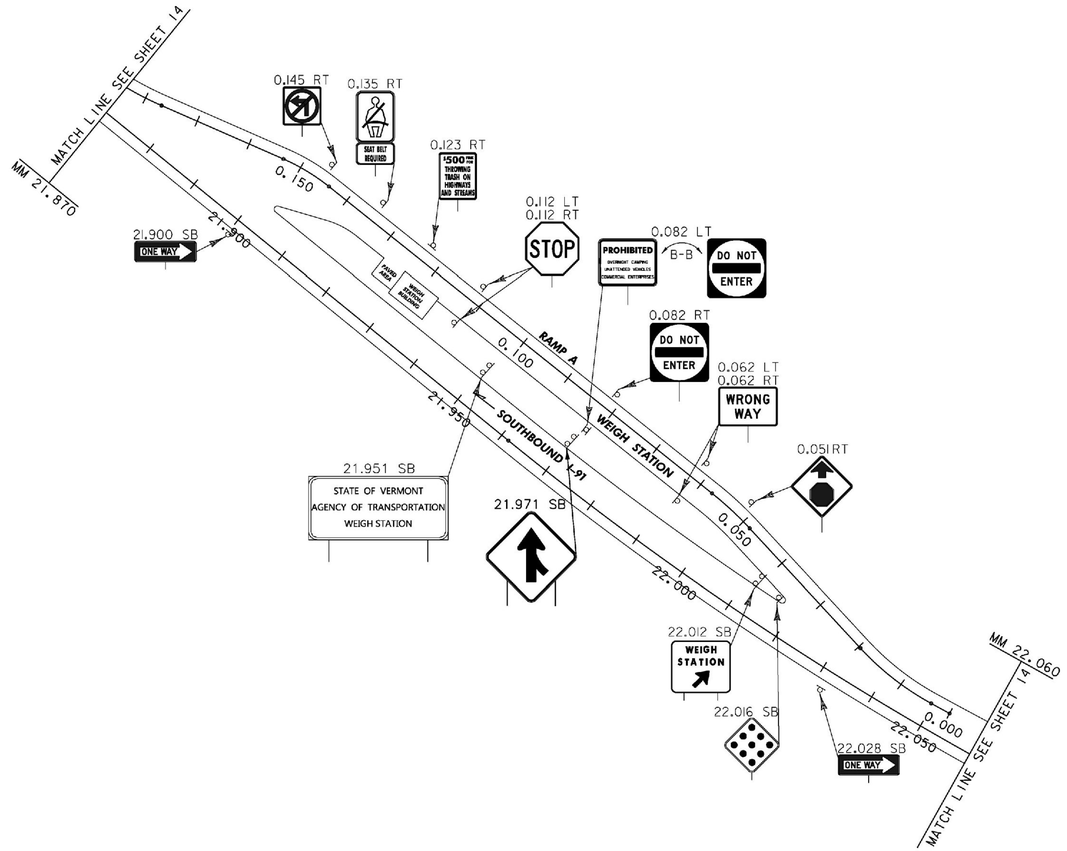
FILE NAME: z12A528parking.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO

NB WEIGH STATION MM 20.4 PROPOSED SIGNS SHEET 31 OF 157

CLD 12-0350 MODEL:Proposed Weigh Station NB MM 20.4

REMOVING SIGNS
TYPE A: 16
TYPE B: 2

N
VT STATE PLANE GRID



LEGEND
[RET] - RETAIN
[R&S] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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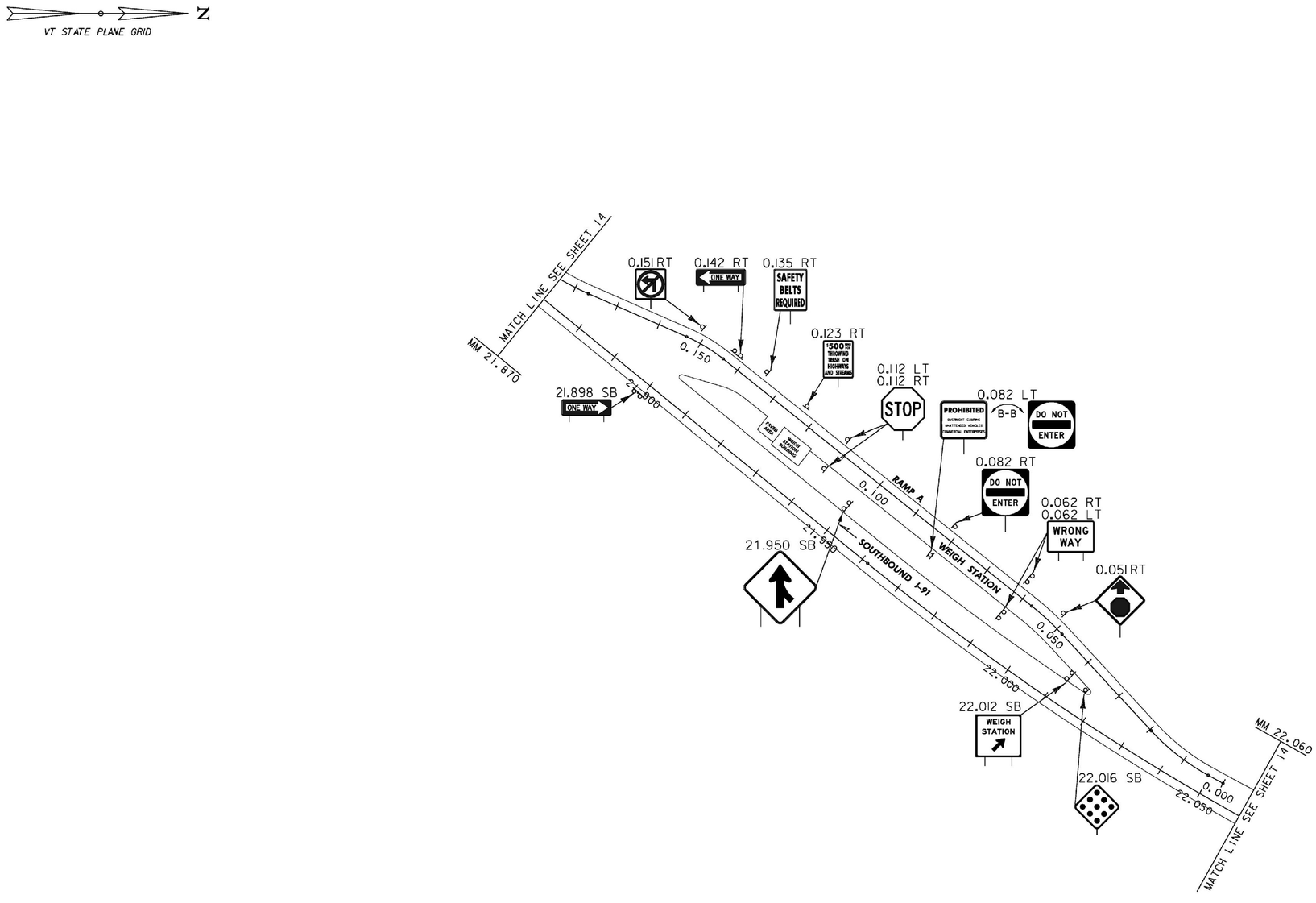
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528weigh.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
SB WEIGH STATION MM 22.0 EXISTING SIGNS

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 32 OF 157

CLD 12-0350 MODEL:Existing



NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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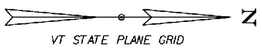
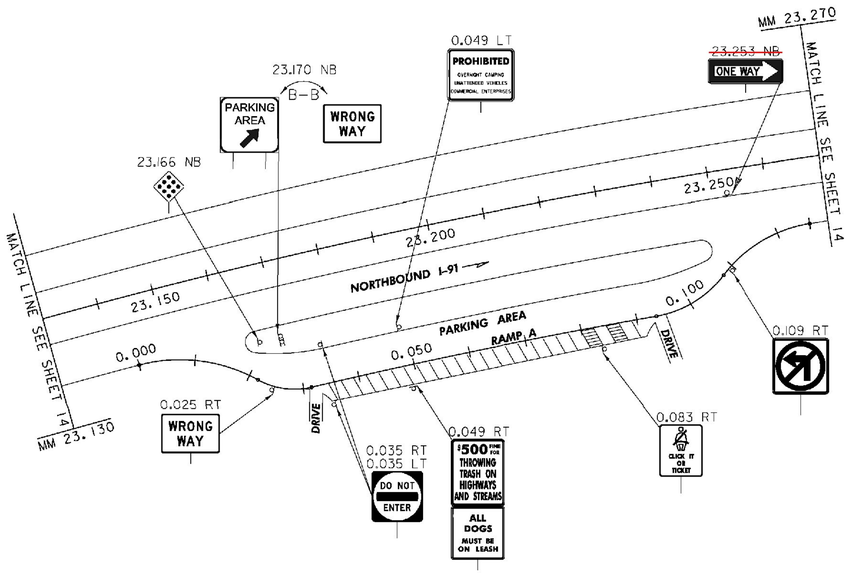
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528weigh.dgn PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
SB WEIGH STATION MM 22.0 PROPOSED SIGNS SHEET 33 OF 157

CLD 12-0350 MODEL: Proposed

REMOVING SIGNS
TYPE A: 11
TYPE B: 1





LEGEND
RET - RETAIN
R&S - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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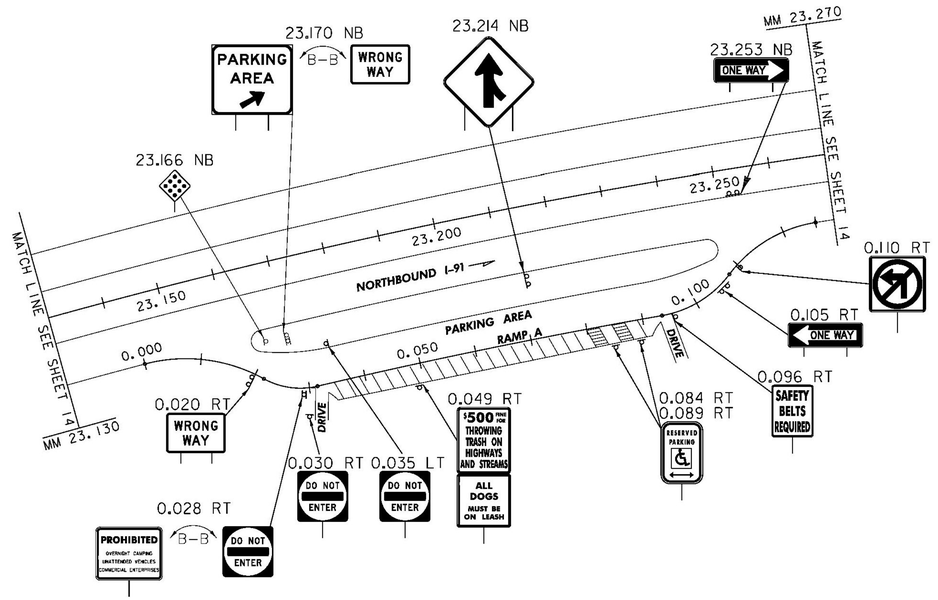
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528parking.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
NB PARKING AREA MM 23.2 EXISTING SIGNS	SHEET 34 OF 157

CLD 12-0350 MODEL: Existing Parking NB MM 23.2

N

VT STATE PLANE GRID



NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

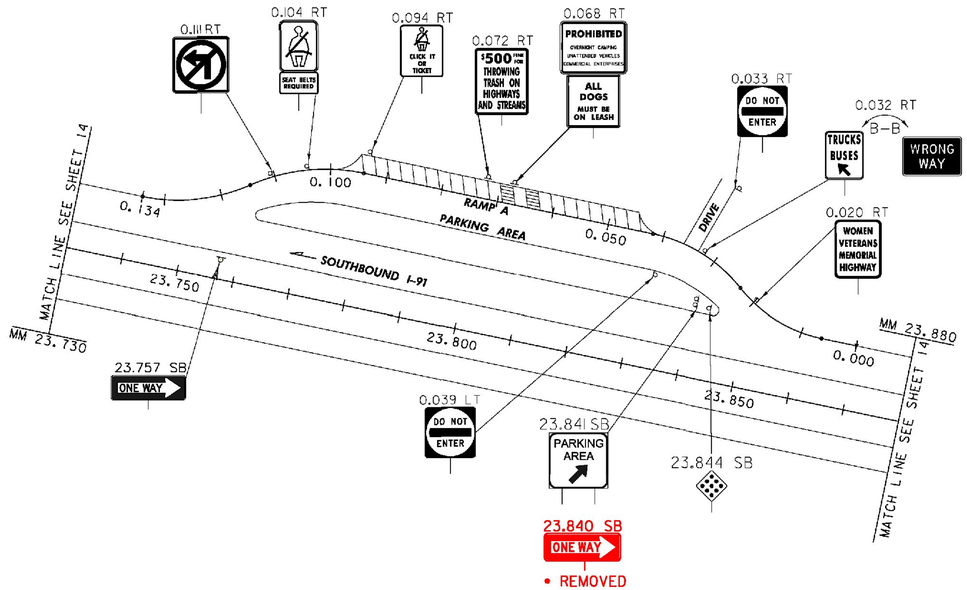
FILE NAME: z12A528parking.dgn PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
NB PARKING AREA MM 23.2 PROPOSED SIGNS SHEET 35 OF 157

CLD 12-0350 MODEL: Proposed Parking NB MM 23.2

N

VT STATE PLANE GRID

REMOVING SIGNS
TYPE A: 14
TYPE B: 1



LEGEND
[RET.] - RETAIN
[R&S.] - REMOVE & SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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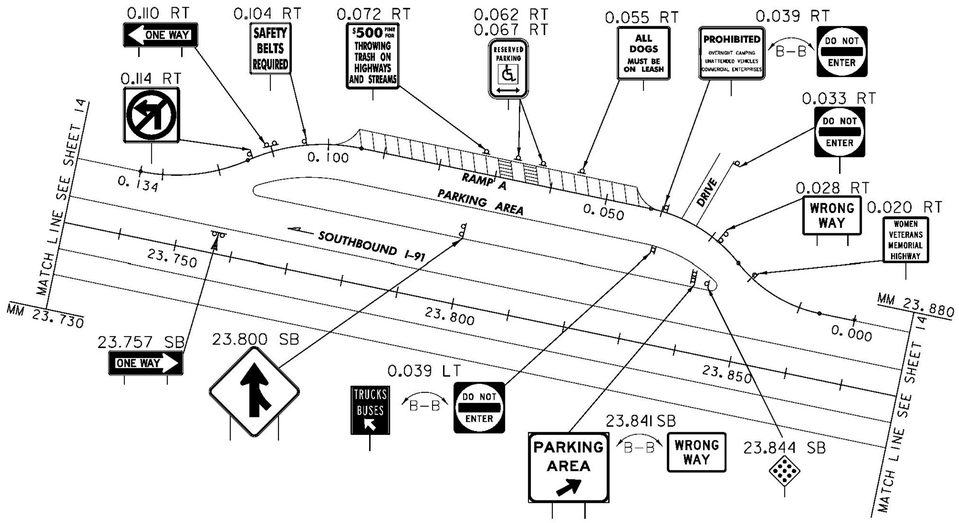
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528parking.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
SB PARKING AREA MM 23.8 EXISTING SIGNS	SHEET 36 OF 157

CLD 12-0350 MODEL: Existing Parking SB MM 23.8

N

VT STATE PLANE GRID



NOT TO SCALE

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528parking.dgn PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
SB PARKING AREA MM 23.8 PROPOSED SIGNS SHEET 37 OF 157

CLD 12-0350 MODEL: Proposed Parking SB MM 23.8

REMOVING SIGNS
TYPE A: 109
TYPE B: 2
BRIDGE PLAQUE: 2

VT STATE PLANE GRID

Ⓐ
28.522 NB
28.733 SB
0.196 LT (RAMP C)

Ⓑ
0.111 RT (WSH)
0.118 RT (WSH)
0.219 LT (RAMP C)
0.226 RT (RAMP C)
B–B
STOP
DO NOT ENTER
ONE WAY
ONE WAY
RET

Ⓒ
0.043 RT (RAMP A)
0.078 RT (RAMP D)
TURN SIGNAL REQUIRED BEFORE CHANGING LANES
PROHIBITED PEDESTRIANS MOTORIZED STANDUP SCOOTERS BICYCLES FARM MACHINERY SNOW VEHICLES

Ⓓ
0.131 RT (RAMP B)
0.091 RT (RAMP C)

Ⓔ
0.186 LT (RAMP B)
0.188 RT (RAMP B)
0.154 LT (RAMP C)
0.154 RT (RAMP C)
WRONG WAY

Ⓕ
28.594 NB
28.626 SB

Ⓖ
28.584 NB
28.626 SB

Ⓗ
0.006 RT (WSH)
SOUTH
INTERSTATE
91

Ⓘ
0.233 RT (RAMP B)
0.233 LT (RAMP B)
B–B
STOP
DO NOT ENTER
ONE WAY
ONE WAY

Ⓙ
0.020 RT (WSH)
TO 5
TO VERMONT 123

Ⓚ
0.032 RT (WSH)
NORTH INTERSTATE 91
TO 5

Ⓛ
0.084 RT

Westminster	3	R&S
Walpole N.H.	4	R&S
Rockingham	9	R&S
White River Jct.	43	R&S
REMOVE		REMOVE

Ⓜ
0.178 RT
12'-5"
ON VT-123
RET

Ⓝ
28.893 NB
ONE WAY

Ⓞ
28.564 SB
28.816 NB

Ⓟ
0.228 RT
STOP
RET

Ⓠ
0.215 RT
LEGAL LOAD LIMIT 24,000 POUNDS

-0.048 (WSH)

BELLOWS FALLS	4	
SPRINGFIELD	18	
PUTNEY	11	
BRATTLEBORO	21	

WESTMINSTER ST
DRIVE
MM 28.500
MATCH LINE SEE SHEET 16

0.072 RT

0.000 LT
B–B
STATE HIGHWAY ENDS
STATE HIGHWAY BEGINS
LEGAL LOAD LIMIT 24,000 POUNDS

0.185 RT

Westminster	3	R&S
Walpole N.H.	4	R&S
1 GAS/DIESEL 24HR		REMOVE
1 FOOD		REMOVE
3 LODGING		REMOVE
2 PHONE		REMOVE
1 INFORMATION		REMOVE
REMOVE		REMOVE

28.527 NB
EXIT 5

28.626 SB
BRIDGE NO. 20S I-91

0.150 RT
TO VERMONT 123

0.150 RT
TO 5

0.050 RAMP A
28.550 NORTHBOUND I-91
28.600
28.650 SOUTHBOUND I-91
28.700
RAMP B 0.150
0.100
0.200

0.153 RT

Westminster	3	R&S
Bellows Falls	4	R&S
Walpole N.H.	4	R&S
GAS/DIESEL 24HR	1	REMOVE
FOOD	1	REMOVE
LODGING	3	REMOVE
PHONE	2	REMOVE
INFORMATION	1	REMOVE
REMOVE		REMOVE

28.594 NB
BRIDGE NO. 20N I-91

RAMP C 0.150

28.725 SB
EXIT 5

0.198 LT
TO 5
TO VERMONT 123
TO 121

RAMP E 0.200

0.129 RT
NORTH INTERSTATE 91

0.066 LT

Putney	11	
Brattleboro	21	

SOUTH INTERSTATE 91
RET

28.840 SB
EXIT 40 M.P.H.

28.880 SB
BRIDGES FREEZE BEFORE ROAD

0.213 RT

Kurn Hattin Homes	2	
Westminster West	7	

RET

WESTMINSTER STATE HIGHWAY
0.100
0.150
0.250
0.300
0.050
0.100 RAMP D 0.150
0.200
0.250
MM 28.900
MATCH LINE SEE SHEET 16

0.166 LT B–B
SOUTH INTERSTATE 91
NORTH INTERSTATE 91
NORTH INTERSTATE 91
RET

0.235 RT

0.214 RT
WESTMINSTER HGTS RD TH3

0.189 LT
RET

WESTMINSTER HGTS RD

0.243 RT

Westminster	3	
Bellows Falls	4	
Walpole N.H.	4	
TO 5	TO VERMONT 123	TO 121

RET

MB(4)

0.209 LT

Rockingham	9	R&S
White River Jct.	43	R&S
REMOVE		REMOVE

DRIVE

0.261 LT

Kurn Hattin Homes	2	
Westminster West	7	

RET

0.273 RT
SPEED LIMIT 50
RET

TIC (RET)

MATCH LINE SEE SHEET 40

NOT TO SCALE

LEGEND
[RET] - RETAIN
[R&S] - REMOVE AND SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

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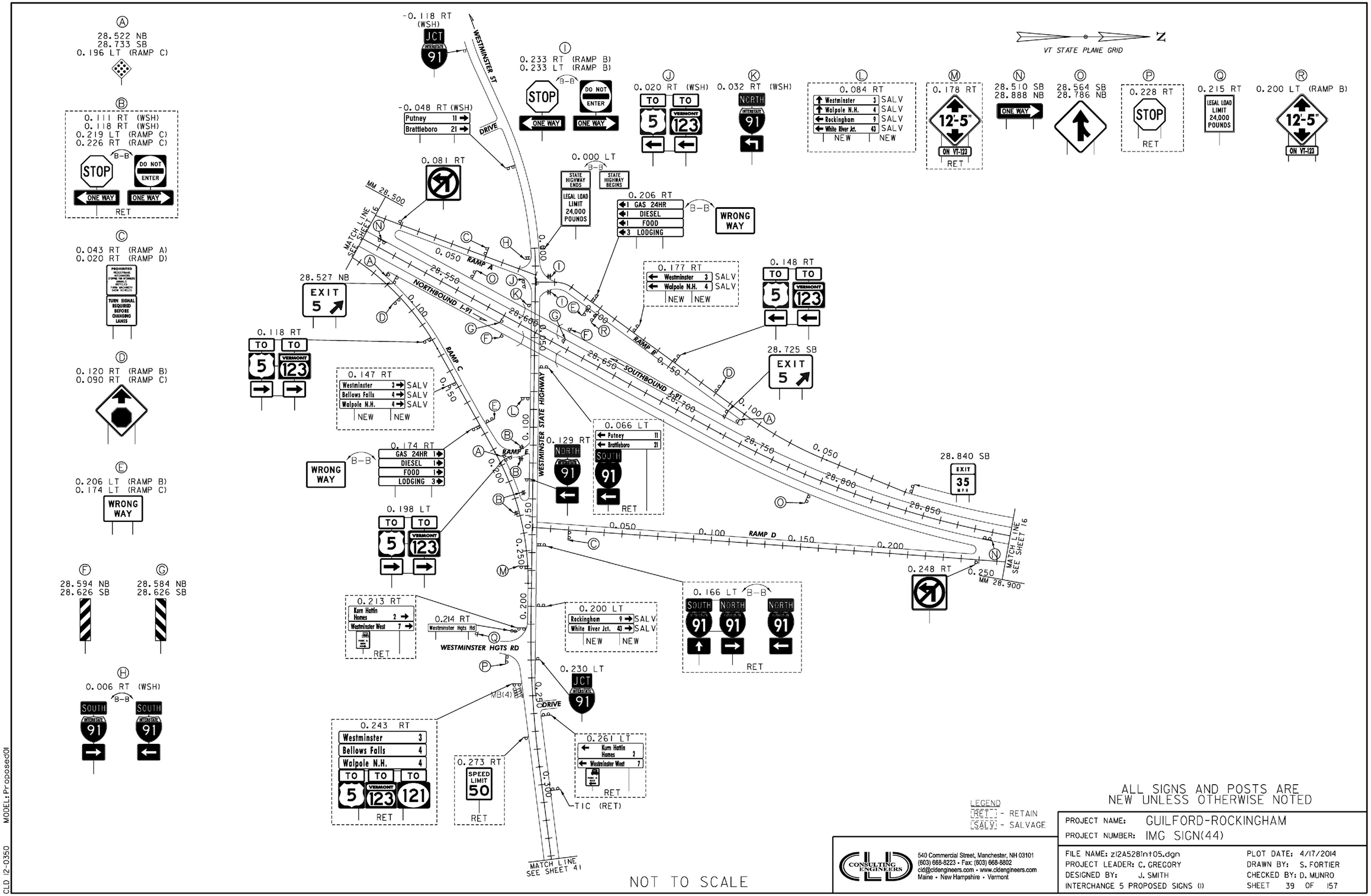
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt05.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 5 EXISTING SIGNS (I)
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 38 OF 157

CLD 12-0350 MODEL: Existing01



LEGEND
RET - RETAIN
SALV - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

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PROJECT NAME: GUILFORD-ROCKINGHAM	
PROJECT NUMBER: IMG SIGN(44)	
FILE NAME: z12A528int05.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. FORTIER
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
INTERCHANGE 5 PROPOSED SIGNS (1)	SHEET 39 OF 157

CLD 12-0350 MODEL: Proposed01

REMOVING SIGNS
TYPE A: 63

VT STATE PLANE GRID

Ⓐ
5.944 LT (US 5)
RET

Ⓑ
0.763 RT (WSH)
B-B
STOP
DO NOT ENTER
ONE WAY
ONE WAY

Ⓒ
0.763 CL (WSH)
B-B
STOP

Ⓓ
0.724 CL (WSH)
B-B

Ⓔ
0.023 LT&RT (WSH SLIP RAMP)
YIELD
RET

Ⓕ
0.003 LT (WSH SLIP RAMP)
DO NOT ENTER

Ⓒ
5.888 RT (US 5)
← BELLOWS FALLS 3
WESTMINSTER 2 →
WALPOLE N.H. 3 →
NORTH TO SOUTH
5 VT 12 5

Ⓗ
5.910 LT (US 5)
TO
EAST
VT 12

Ⓘ
0.043 LT (WSH)
← GAS DIESEL 24HRS
GAS 1 →
← FOOD
LODGING 2 →
PHONE 1 →
← INFORMATION

Ⓙ
0.088 LT (WSH SLIP RAMP)
STOP

Ⓚ
5.898 LT (US 5)

MATCH LINE SEE SHEET 38

0.410 RT
RET

TIC (RET)

TIC (RET)

0.600 RT
R&S
R&S 25 M.P.H.
REMOVE
REMOVE

0.665 RT
R&S
REMOVE
REMOVE

5.797 LT

0.676 LT
SPEED LIMIT 50
RET

0.056 LT
RET

5.939 LT
SOUTH TO
5 VT 91
RET

0.079 LT
RET

6.092 LT
Wesminster 2
Brattleboro 22 →
White River Jct. 44 →
TO VT 91 →
RET

0.099 LT
SPEED LIMIT 35
LEGAL LOAD LIMIT 16,000 POUNDS

0.098 LT
HENWOOD HILL TH25

5.826 LT
SOUTH 5

5.862 LT
SPEED LIMIT 35

5.838 RT
↑ Bellows Falls 3
← Brattleboro 22
← White River Jct 44
RET

5.772 RT
TO VT 91

5.878 RT
TO VT 91 NORTH 5

5.889 RT

5.887 RT
TO VERMONT 123

5.915 RT
NORTH 5 TO 121

5.959 RT
SPEED LIMIT 40

WESTMINSTER STATE HIGHWAY
BUCK DR
HENWOOD HILL RD
DRIVE
US ROUTE 5
PARKING LOT
FAMSWORTH RD
LEWIS PATH
US 5 SOUTHBOUND
US 5 NORTHBOUND

LEGEND
[RET] - RETAIN
[R&S] - REMOVE AND SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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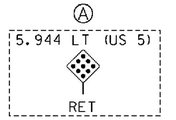
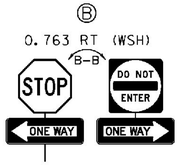
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

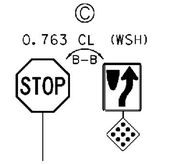
FILE NAME: z12A528int05.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 5 EXISTING SIGNS (2)

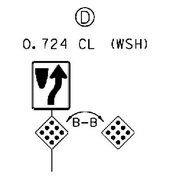
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 40 OF 157

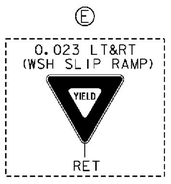
CLD 12-0350 MODEL: Existing02



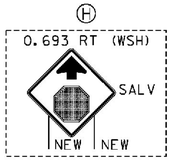


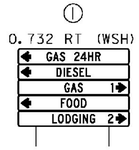


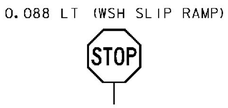


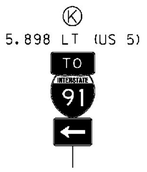


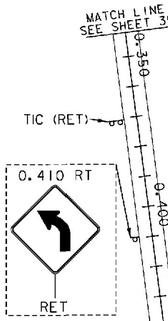
• NOT INSTALLED DUE TO LOCATION NEAR LOW UTILITY LINE.

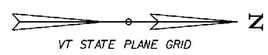












LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

NOT TO SCALE

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540 Commercial Street, Manchester, NH 03101
(603) 668-8223 • Fax: (603) 668-8802
cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

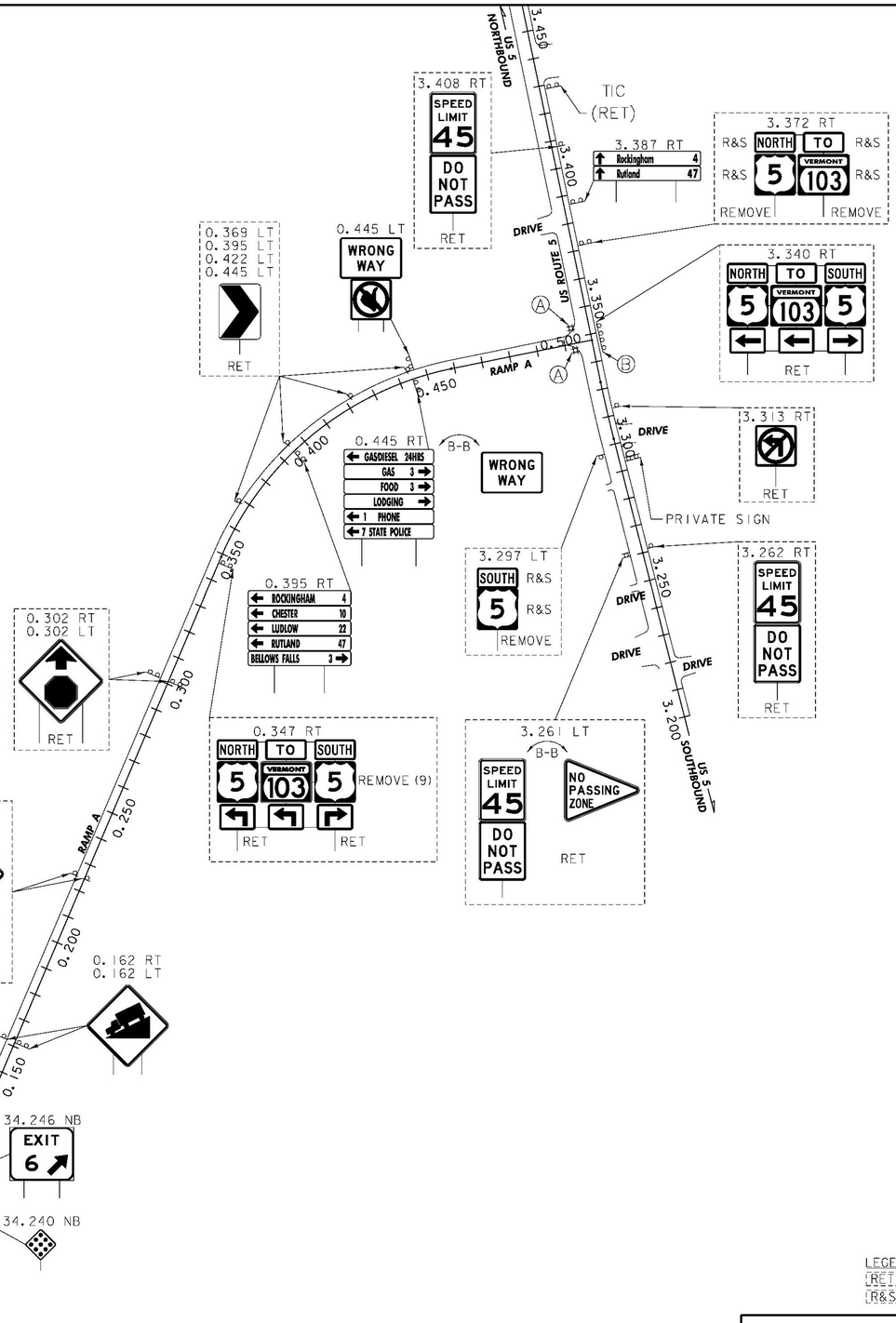
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281n105.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 5 PROPOSED SIGNS (2)
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 41 OF 157

CLD 12-0350 MODEL: Proposed02

N

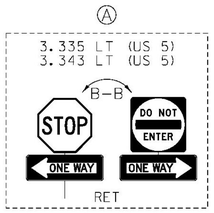
VT STATE PLANE GRID



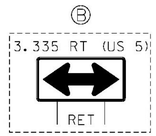
REMOVING SIGNS
TYPE A: 34
TYPE B: 1

Ⓐ

3.335 LT (US 5)
3.343 LT (US 5)



Ⓑ



LEGEND
[RET] - RETAIN
[R&S] - REMOVE AND SALVAGE

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

NOT TO SCALE

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cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt06.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 6 EXISTING SIGNS (1)

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 42 OF 157

CLD 12-0350 MODEL: Existing01

N

VT STATE PLANE GRID

US 5 NORTHBOUND

3.450

3.408 RT
SPEED LIMIT 45
DO NOT PASS
RET

TIC (RET)

3.400

DRIVE

3.372 RT
Rockingham 2 NEW
Rutland 47 NEW
SALV NORTH TO SALV
SALV 5 VERMONT 103 SALV
NEW NEW

US ROUTE 5

0.369 LT
0.395 LT
0.422 LT
0.445 LT
RET

0.445 LT
WRONG WAY

3.350

A

B

0.500

3.340 RT
NORTH TO SOUTH
5 VERMONT 103 5
RET

RAMP A

0.450

0.445 RT
B-B
GAS/DIESEL 24HR
GAS 3
FOOD 3
LODGING
7 STATE POLICE
WRONG WAY

0.400

3.313 RT
RET

3.300

DRIVE

PRIVATE SIGN

0.350

0.395 RT
Rockingham 2
Chester 10
Ludlow 22
Rutland 47
Bellows Falls 3

3.297 LT
NEW Bellows Falls 3
SALV SOUTH
SALV 5
NEW NEW

3.262 RT
SPEED LIMIT 45
DO NOT PASS
RET

3.250

DRIVE

0.302 RT
0.302 LT
RET

0.300

0.347 RT
NORTH TO SOUTH
5 VERMONT 103 5 NEW (9)
RET RET

3.261 LT
B-B
SPEED LIMIT 45
DO NOT PASS
NO PASSING ZONE
RET

3.200

I-5 SOUTHBOUND

0.225 RT
0.225 LT
35 M.P.H.
RET

RAMP A

0.250

0.200

0.162 RT
0.162 LT

MM 34.300
MATCH LINE SEE SHEET 19

0.150

34.246 NB
EXIT 6

NORTHBOUND I-91

34.250

0.100

34.240 NB

MM 34.200
MATCH LINE SEE SHEET 19

NOT TO SCALE

Ⓐ
3.335 LT (US 5)
3.343 LT (US 5)
B-B
STOP
DO NOT ENTER
ONE WAY
ONE WAY
RET

Ⓑ
3.335 RT (US 5)
RET

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

LEGEND
[RET.] - RETAIN
[SALV.] - SALVAGE

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt06.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 6 PROPOSED SIGNS (1)

PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 43 OF 157

CLD 12-0350 MODEL:Proposed01

N

VT STATE PLANE GRID

Ⓐ
35.180 SB*
0.179 LT (RAMP C)
0.082 RT (VT 103)
0.429 LT (VT 103)

Ⓑ
0.286 LT (VT 103)
0.295 LT (VT 103)
B-B
STOP
ONE WAY
DO NOT ENTER
ONE WAY

Ⓒ
0.027 LT (RAMP C)
0.040 LT (RAMP C)
0.053 LT (RAMP C)
0.067 LT (RAMP C)
0.082 LT (RAMP C)
0.095 LT (RAMP C)
0.107 LT (RAMP C)
0.293 LT (RAMP D)
0.309 LT (RAMP D)
0.325 LT (RAMP D)

Ⓓ
0.210 RT (RAMP D)
0.229 RT (RAMP D)
0.247 RT (RAMP D)

Ⓔ
0.099 RT (RAMP B)
0.180 LT (RAMP B)
0.084 LT (RAMP D)
0.336 RT (RAMP D)

Ⓕ
0.225 LT (VT 103)
R&S
REMOVE
REMOVE

Ⓖ
0.120 RT (RAMP C)
NORTH VERMONT 103
TO 5
SOUTH VERMONT 103

Ⓗ
0.137 RT (RAMP C)
GAS/DIESEL 24HRS 1
GAS
FOOD 4
LODGING 1
PHONE
6 STATE POLICE

Ⓘ
0.139 LT (RAMP C)

REMOVING SIGNS
TYPE A: 158
TYPE B: 1
BRIDGE PLAQUE: 2

0.600 RT
SPEED LIMIT 50
RET

VT 103 NORTHBOUND
0.600
0.566 RT
NORTH VERMONT 103
SCHOOL BUS DEPOT RD
DRIVE
DRIVE
DRIVE
0.560 LT
JCT 91
RET
0.519 LT
BELLOWS FALLS 3
BRATTLEBORO 28
0.550
0.500
0.478 LT
TO 5 SOUTH 91 NORTH 91
0.450
Ⓐ
0.050
0.400
RAMP A
Ⓔ
0.070 RT
0.089 LT
YIELD
0.094 RT
ONE WAY
0.139 RT
TURN SIGNAL REQUIRED BEFORE CHANGING LANES
PROHIBITED
0.163 RT
30 M.P.H.
0.100
0.150
0.200
Ⓓ
0.250
RAMP D
0.422 LT
SOUTH 91
0.391 LT
SOUTH 91
DRIVE
DRIVE
0.344 RT
SOUTH 91 NORTH VERMONT 103
0.315 RT
ROCKINGHAM 3
RUTLAND 46
BRATTLEBORO 28
0.320 RT
BRIDGE 1A VT 103
RET
0.320 LT
BRIDGE 1A VT 103
RET
0.350
0.300
Ⓑ
RAMP G
Ⓛ
Ⓐ
Ⓙ
0.200
Ⓜ
Ⓕ
0.240 LT
NORTH 91 SOUTH VERMONT 103 TO 5
0.278 LT
0.211 LT
BELLOWS FALLS 3
SPRINGFIELD 11
WHITE RIVER JCT 37
0.210 LT
BRIDGE 1 VT 103
RET
35.176 SB*
EXIT 6
RAMP C
0.050
0.100
Ⓙ
Ⓚ
Ⓘ
Ⓗ
Ⓖ
Ⓒ
0.250
RAMP D
Ⓓ
0.300
Ⓒ
Ⓔ
0.350
SOUTHBOUND I-91
NORTHBOUND I-91
35.150
35.100
35.050
35.040
Ⓠ
35.109 NB
BRIDGE ICES BEFORE ROAD
35.102 SB*
ONE WAY
35.061 SB*
WATCH FOR FALLEN ROCK
MATCH LINE SEE SHEET 19
MM 35.040
35.278 NB MED
ONE WAY
0.153 RT
PROHIBITED
TURN SIGNAL REQUIRED BEFORE CHANGING LANES
MATCH LINE SEE SHEET 19
MM 35.280
0.181 RT
YIELD
0.125 RT
0.084 RT
35.215 SB*
BRIDGE NO. 23S I-91
35.250
35.200
0.188 RT
BRIDGE 1 VT 103
RET
RAMP B
Ⓔ
0.150
0.104 LT
YIELD
RAMP F
0.100
0.085 RT (VT 103)
NORTH 91
35.187 NB
BRIDGE NO. 23N I-91
0.131 RT
NORTH 91
0.149 LT
NORTH 91 TO 5
0.089 LT
JCT 5 END VERMONT 103
RET
0.038 RT
NORTH VERMONT 103 SOUTH 91 NORTH 91
0.050
Ⓐ
DRIVE
0.022 RT
ROCKINGHAM 3
SPRINGFIELD 11
WHITE RIVER JCT 37
0.053 LT
BELLOWS FALLS 3
US ROUTE 5 NORTHBOUND
0.009 RT
ONLY
0.000
3.900
0.013 LT
NORTH 5 SOUTH 5
RET
3.907 LT
SOUTH 5
RET
3.850
3.871 LT
SPEED LIMIT 45
RET
US ROUTE 5 SOUTHBOUND
3.800
3.842 RT
NORTH VERMONT 103 JCT 91 NORTH 5
RET

Ⓙ
0.145 LT (RAMP C)
0.181 RT (RAMP C)
WRONG WAY

Ⓚ
0.151 RT (RAMP C)
ROCKINGHAM 3
RUTLAND 46
BELLOWS FALLS 3
B-B
WRONG WAY

Ⓛ
0.181 LT (RAMP C)
NORTH VERMONT 103 TO 5 SOUTH VERMONT 103
B-B
WRONG WAY

Ⓜ
0.209 LT (RAMP C)
0.212 RT (RAMP C)
DO NOT ENTER
B-B
ONE WAY
ONE WAY

Ⓞ
35.187 NB
35.215 SB*

Ⓟ
35.187 NB
35.215 SB*

Ⓠ
35.122 SB*
35.170 NB

ALL SIGNS AND POSTS WILL BE REMOVED UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[R&S] - REMOVE AND SALVAGE

*MILE MARKER STATIONING FOR I-91 SOUTHBOUND SIGNS ON THIS SHEET MAY BE INACCURATE AND SHOULD BE VERIFIED BY THE ENGINEER.

NOT TO SCALE

CONSULTING ENGINEERS
540 Commercial Street, Manchester, NH 03101
(603) 668-8223 • Fax: (603) 668-8802
cle@clcengineers.com • www.clcengineers.com
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281nt06.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 6 EXISTING SIGNS (2)
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 44 OF 157

CLD 12-0350 MODEL: Existing02

N

VT STATE PLANE GRID

Ⓐ
35.180 SB*
0.179 LT (RAMP C)
0.082 RT (VT 103)
0.429 LT (VT 103)

Ⓑ
0.286 LT (VT 103)
0.295 LT (VT 103)
STOP
ONE WAY
DO NOT ENTER
ONE WAY

Ⓒ
0.045 - 0.151 LT (B) (RAMP C)
0.293 - 0.323 LT (3) (RAMP D)

Ⓓ
0.215 - 0.260 RT (4) (RAMP D)

Ⓔ
0.099 LT (RAMP B)
0.180 LT (RAMP B)
0.084 LT (RAMP D)
0.336 RT (RAMP D)

Ⓕ
0.240 LT (VT 103)
SALV
NEW
NEW

Ⓖ
0.029 RT (RAMP C)
25 MPH

Ⓗ
0.061 RT (RAMP C)

Ⓘ
0.091 RT (RAMP C)
NORTH VERMONT 103
SOUTH VERMONT 103
TO 5

0.600 RT
SPEED LIMIT 50
RET

0.560 RT
NORTH VERMONT 103

VT 103 NORTHBOUND
0.600
SCHOOL BUS DEPOT RD
DRIVE
0.550
DRIVE
0.500
DRIVE
0.450

0.560 LT
JCT INTERSTATE 91
RET

0.519 LT
Springfield 11
White River Jct 37
Brattleboro 28

0.478 LT
NORTH INTERSTATE 91
SOUTH INTERSTATE 91

0.430 LT
SOUTH INTERSTATE 91

0.392 LT
SOUTH INTERSTATE 91

0.352 RT
SOUTH INTERSTATE 91
NORTH VERMONT 103

0.315 RT
Rockingham 2
Rutland 46
Brattleboro 28

0.315 LT

0.280 LT
NORTH INTERSTATE 91

0.320 RT
BRIDGE 1A VT 103
RET

0.320 LT
BRIDGE 1A VT 103
RET

0.070 RT

0.089 LT
YIELD

0.094 RT
ONE WAY

0.113 RT
PROHIBITED
TURN SIGNAL REQUIRED BEFORE CHANGING LANES

0.163 RT
30 MPH

0.400
RAMP A
0.350
0.300
RAMP G
0.250
VT ROUTE 103
0.200
RAMP D
0.150
0.100
0.050
0.000

0.211 LT
Springfield 11
White River Jct 37

35.176 SB*
EXIT 6

0.210 LT
BRIDGE 1 VT 103
RET

0.030 LT

RAMP C

35.200
35.250
35.278 NB
ONE WAY

MATCH LINE MM 35.280
SEE SHEET 19

0.181 RT
YIELD

0.188 RT
BRIDGE 1 VT 103
RET

0.153 RT
PROHIBITED
TURN SIGNAL REQUIRED BEFORE CHANGING LANES

0.125 RT
SHORT MERGE LANE AHEAD

0.112 RT
ONE WAY

0.104 LT
YIELD

0.084 RT

0.085 RT (VT 103)
NORTH INTERSTATE 91

0.028 RT
Brattleboro 28
Springfield 11
White River Jct 37
NORTH VERMONT 103
SOUTH INTERSTATE 91
NORTH INTERSTATE 91

0.131 RT
NORTH INTERSTATE 91

0.149 LT
NORTH INTERSTATE 91
TO 5

0.089 LT
JCT 5
END VERMONT 103
RET

0.053 LT
Bellows Falls 3

DRIVE
0.050
0.100
0.150
RAMP B
0.200
RAMP F
0.250
0.300
0.350
0.400
0.450
0.500
0.550
0.600

US ROUTE 5 NORTHBOUND
0.000
3.900
0.009 RT
ONLY

3.850
3.907 LT
SOUTH 5
RET

3.842 RT
NORTH VERMONT 103
JCT INTERSTATE 91
NORTH 5
RET

3.871 LT
SPEED LIMIT 45
RET

3.800
US 5 SOUTHBOUND

35.102 SB*
ONE WAY

35.061 SB*

SOUTHBOUND I-91
NORTHBOUND I-91
35.100
35.150
35.200
35.250
35.300
35.350
35.400
35.450
35.500
35.550
35.600
35.650
35.700
35.750
35.800
35.850
35.900
35.950
36.000
36.050

MATCH LINE SEE SHEET 19
MM 35.040

Ⓙ
0.121 RT (RAMP C)
Rockingham 2
Chester 9
Ludlow 21
Bellows Falls 3

Ⓚ
0.151 RT (RAMP C)
GAS/DIESEL 24HR 1
GAS
FOOD 4
LODGING 1
6 STATE POLICE

Ⓛ
0.181 LT (RAMP C)
NORTH VERMONT 103
SOUTH VERMONT 103
TO 5
B-B
WRONG WAY

Ⓜ
0.180 LT (RAMP C)
0.181 RT (RAMP C)
WRONG WAY

Ⓝ
0.209 LT (RAMP C)
0.212 RT (RAMP C)
DO NOT ENTER
B-B
ONE WAY
ONE WAY

Ⓞ
35.187 NB
35.215 SB*

Ⓟ
35.187 NB
35.215 SB*

Ⓠ
35.122 SB*

Ⓡ
35.150 NB
MERGING TRAFFIC

Ⓢ
35.250 NB
BRIDGE ICES BEFORE ROAD

ALL SIGNS AND POSTS ARE NEW UNLESS OTHERWISE NOTED

LEGEND
[RET] - RETAIN
[SALV] - SALVAGE

*MILE MARKER STATIONING FOR I-91 SOUTHBOUND SIGNS ON THIS SHEET MAY BE INACCURATE AND SHOULD BE VERIFIED BY THE ENGINEER.

NOT TO SCALE

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Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

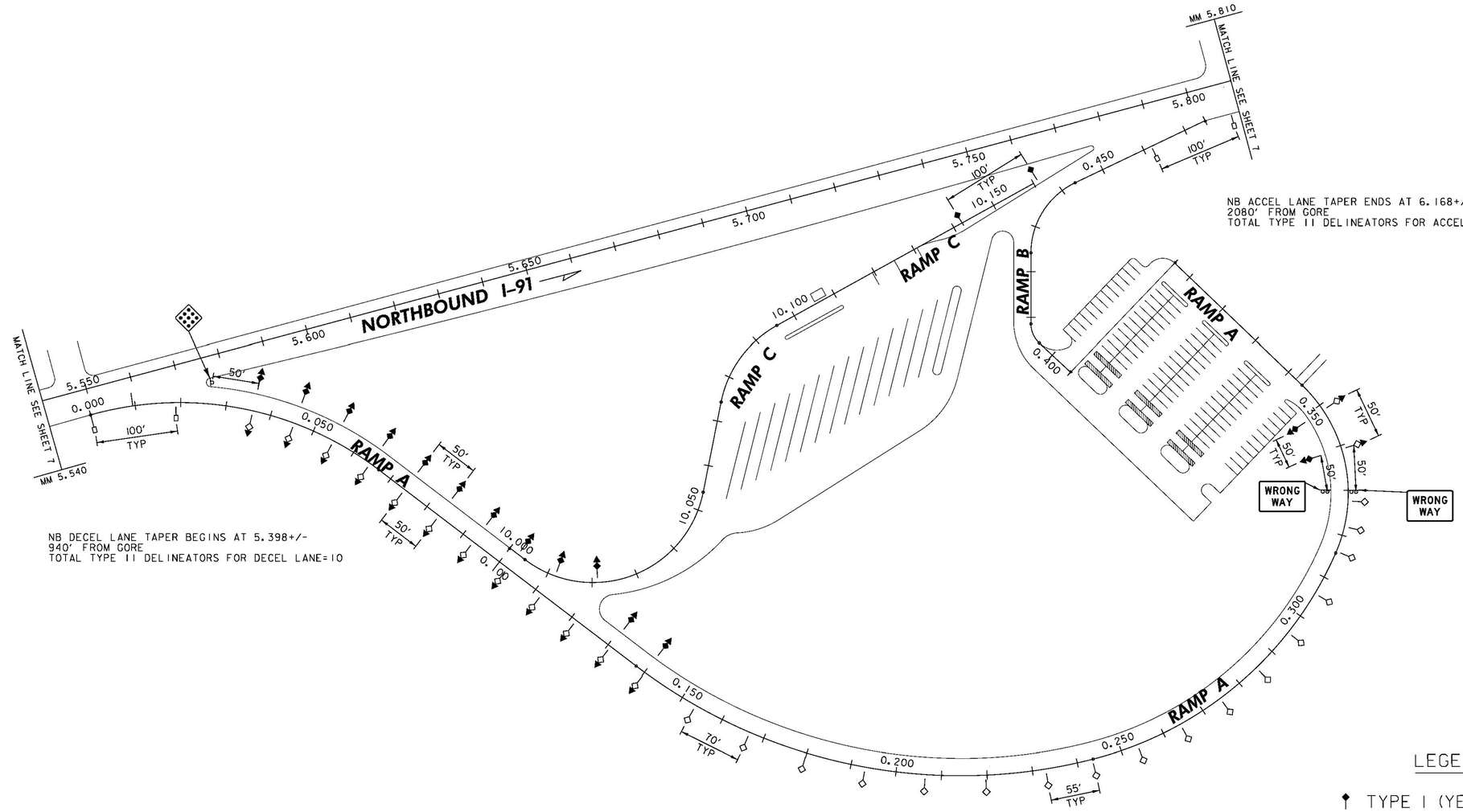
FILE NAME: z12A5281nt06.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
INTERCHANGE 6 PROPOSED SIGNS (2)
PLOT DATE: 4/17/2014
DRAWN BY: S. FORTIER
CHECKED BY: D. MUNRO
SHEET 45 OF 157

CLD 12-0350 MODEL: Proposed02

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N

VT STATE PLANE GRID



NB ACCEL LANE TAPER ENDS AT 6.168+/-
2080' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=21

NB DECEL LANE TAPER BEGINS AT 5.398+/-
940' FROM GORE
TOTAL TYPE II DELINEATORS FOR DECEL LANE=10

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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cld@cldengineers.com • www.cldengineers.com
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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528welcome.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: S. GOODWIN
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: J. BRZEZOWSKI

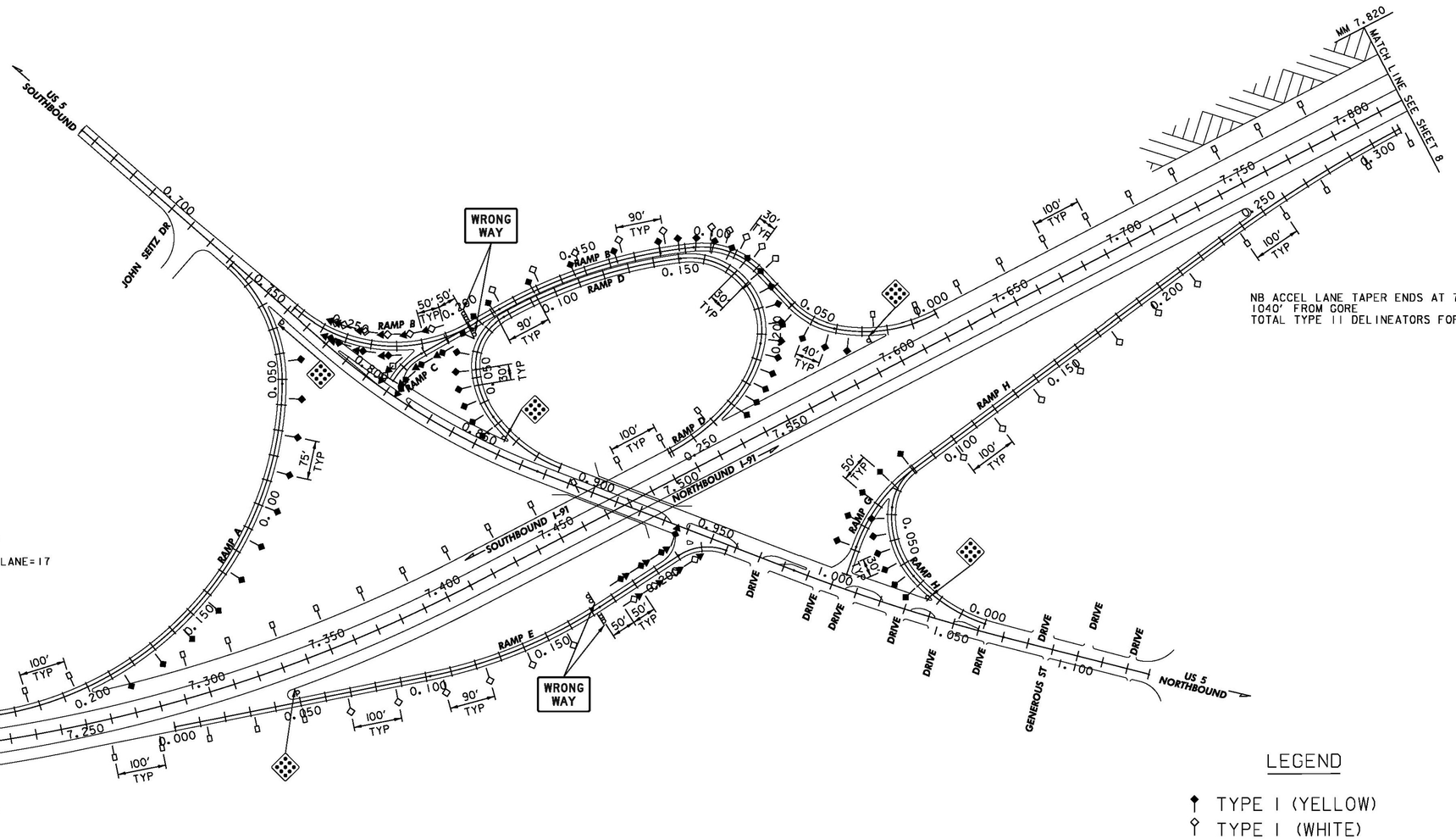
GUILFORD WELCOME CTR. DELINEATOR LAYOUT SHEET 46 OF 157

CLD 12-0350 MODEL: Delin

VT STATE PLANE GRID

N

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.



NB ACCEL LANE TAPER ENDS AT 7.948+/-
1040' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=12

SB ACCEL LANE TAPER ENDS AT 6.940+/-
1670' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=17

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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540 Commercial Street, Manchester, NH 03101
(603) 668-8223 • Fax: (603) 668-8802
cld@cldengineers.com • www.cldengineers.com
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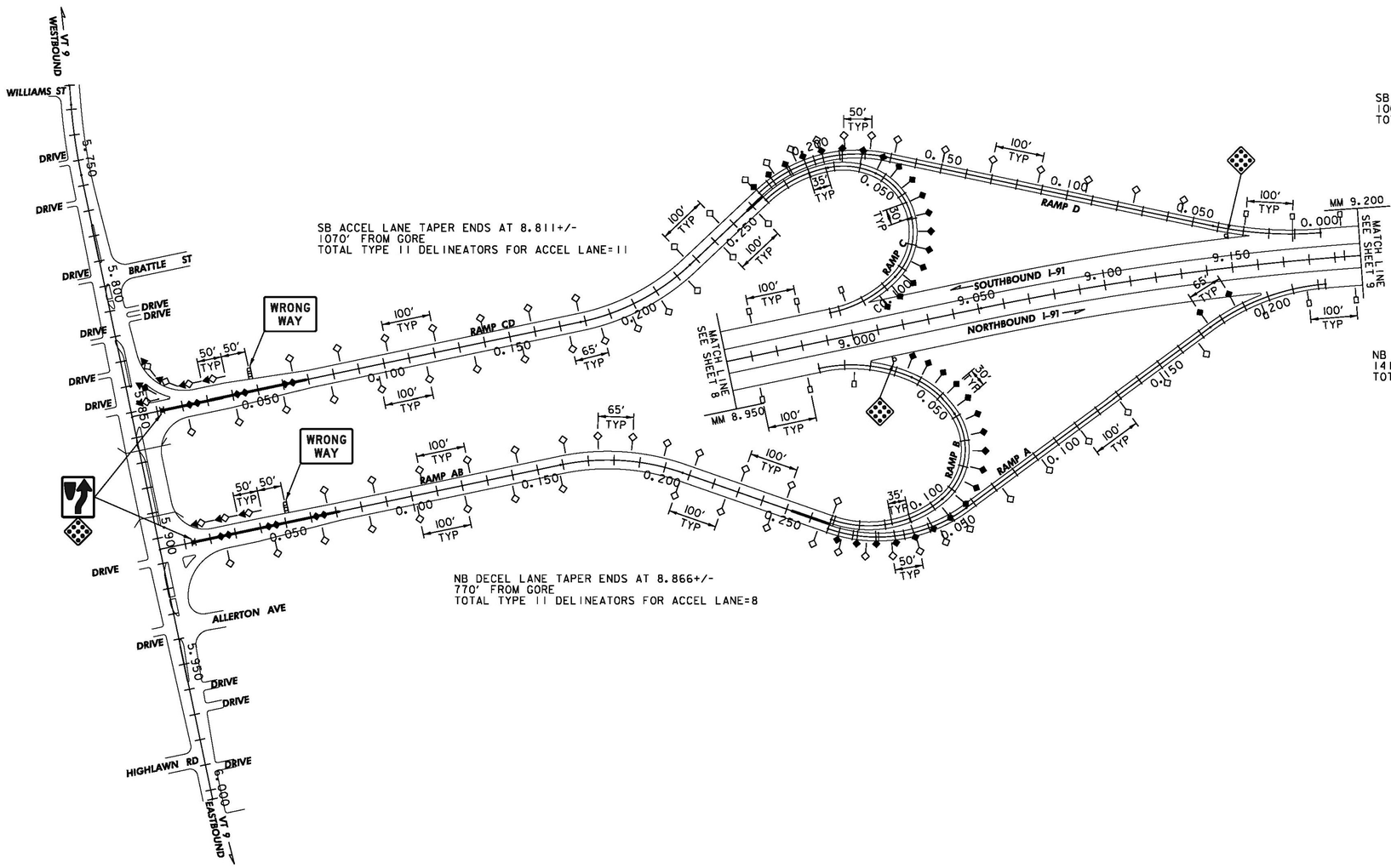
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A5281int01.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE I DELINEATOR LAYOUT	SHEET 47 OF 157

CLD 12-0350 MODEL: Delin

VT STATE PLANE GRID

N

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.



NOT TO SCALE

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

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PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528Int02.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE 2 DELINEATOR LAYOUT	SHEET 48 OF 157

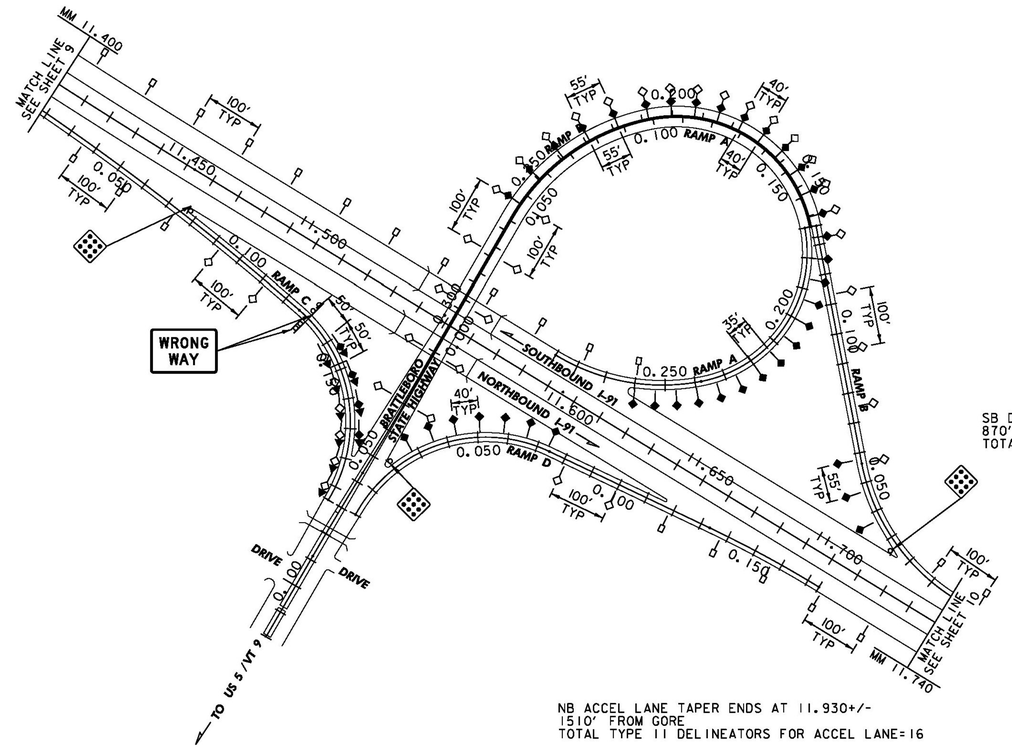
CLD 12-0350 MODEL: Delin

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N

VT STATE PLANE GRID

NB DECEL LANE TAPER BEGINS AT 11.209+/-
1315' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=14



SB DECEL LANE TAPER BEGINS AT 11.882+/-
870' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=9

NB ACCEL LANE TAPER ENDS AT 11.930+/-
1510' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=16

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A5281n+03.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE 3 DELINEATOR LAYOUT	SHEET 49 OF 157

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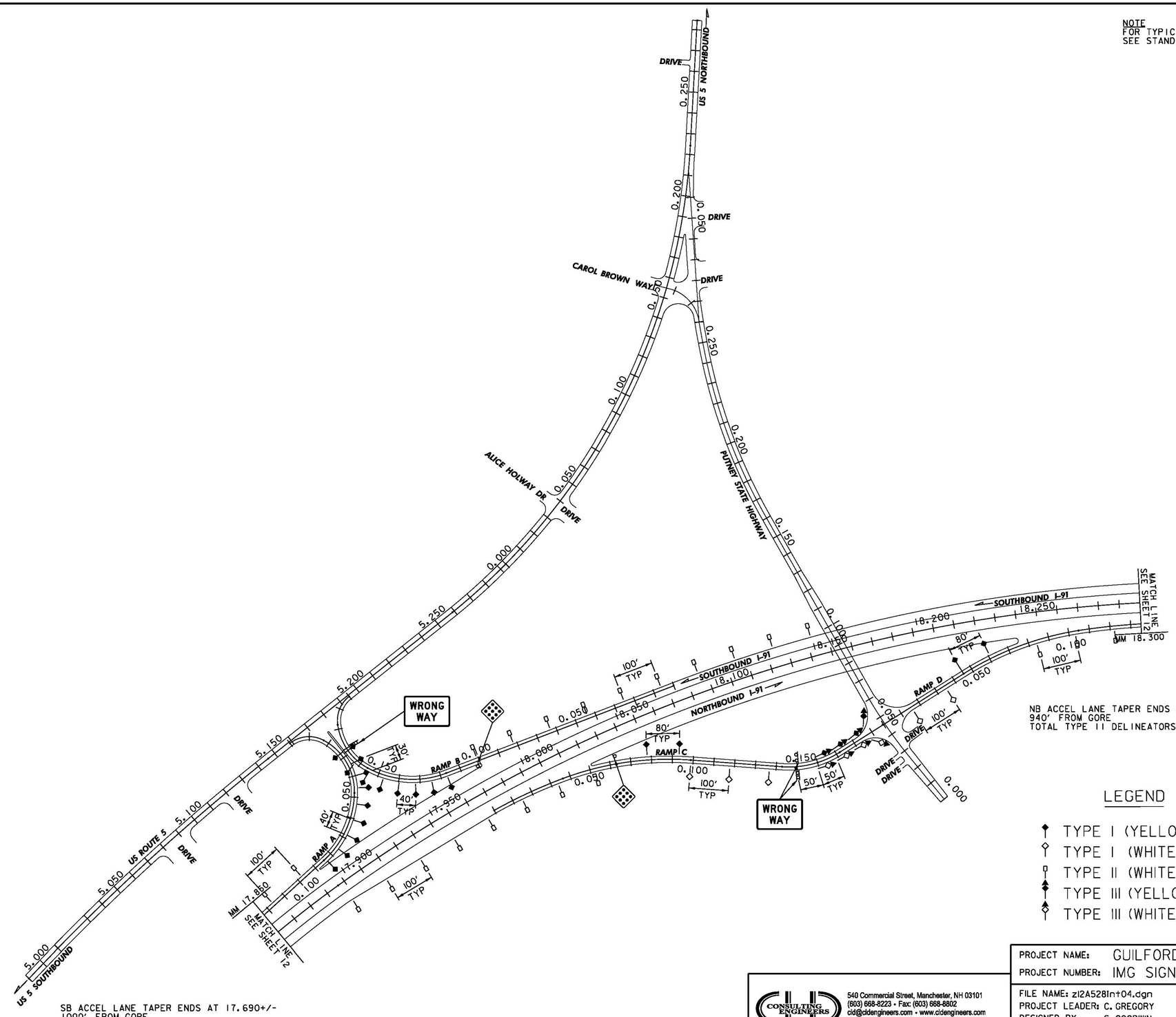
CLD 12-0350 MODEL: Delin

N

VT STATE PLANE GRID

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.



SB ACCEL LANE TAPER ENDS AT 17.690+/-
1000' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=11

NB ACCEL LANE TAPER ENDS AT 18.420+/-
940' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=10

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528Int04.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE 4 DELINEATOR LAYOUT	SHEET 50 OF 157

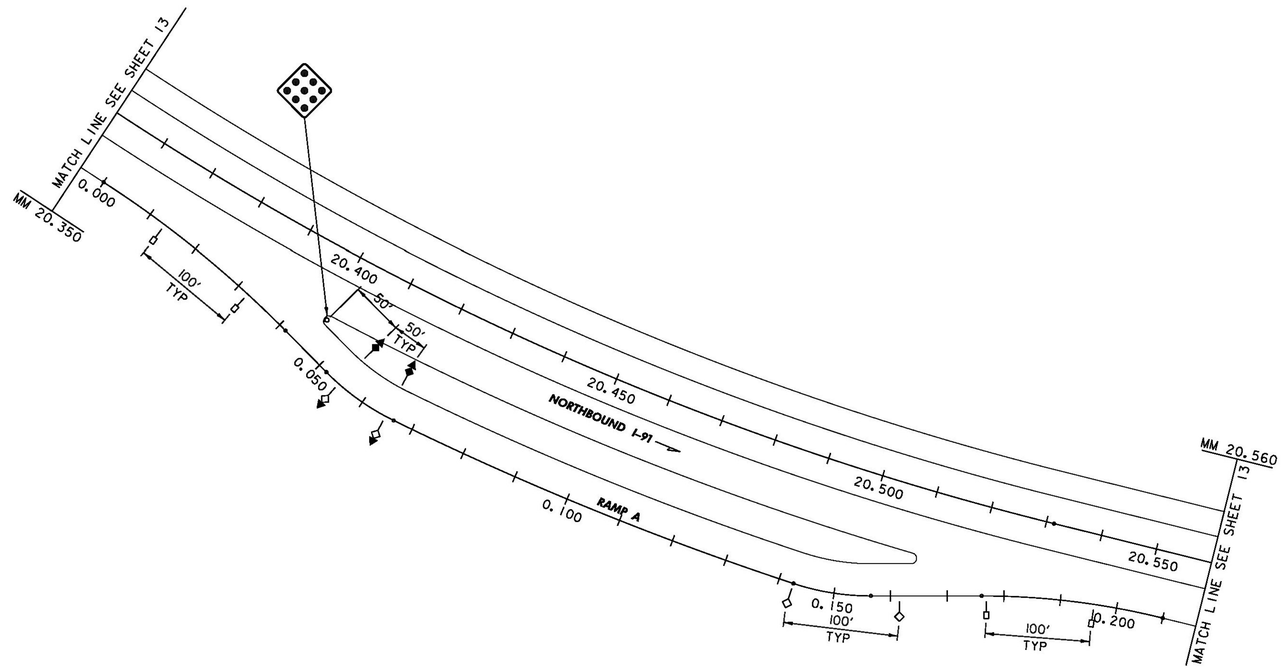
CLD 12-0350 MODEL: Delin

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N

VT STATE PLANE GRID

NB DECEL LANE TAPER BEGINS AT 20.274+/-
660' FROM GORE
TOTAL TYPE II DELINEATORS FOR DECEL LANE=7



NB ACCEL LANE TAPER ENDS AT 20.750+/-
1280' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=13

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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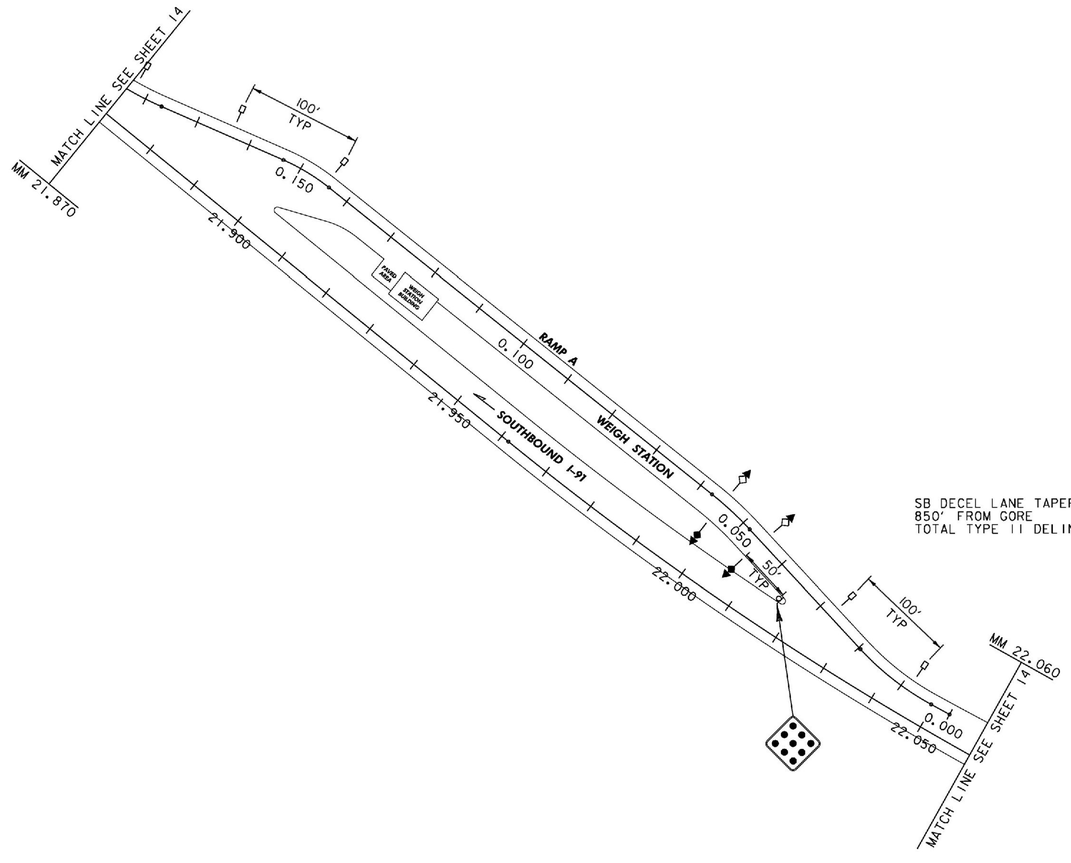
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528parking.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
NB WEIGH STATION MM 20.4 DELIN. LAYOUT	SHEET 51 OF 157

CLD 12-0350 MODEL: Delin Weigh NB MM 20.4

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N
VT STATE PLANE GRID

SB ACCEL LANE TAPER ENDS AT 21.663+/-
1265' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=14



SB DECEL LANE TAPER BEGINS AT 22.179+/-
850' FROM GORE
TOTAL TYPE II DELINEATORS FOR DECEL LANE=9

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

CLD 12-0350 MODEL: Delin

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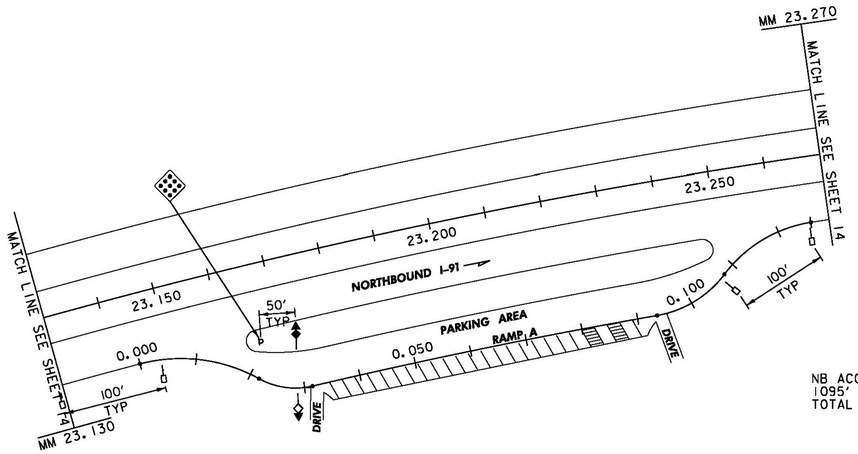
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528weigh.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: S. GOODWIN
SB WEIGH STATION MM 22.0 DELIN. LAYOUT

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: J. BRZEZOWSKI
SHEET 52 OF 157

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N
VT STATE PLANE GRID



NB ACCEL LANE TAPER ENDS AT 23.458+/-
1095' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=12

NB DECEL LANE TAPER BEGINS AT 23.034+/-
1200' FROM GORE
TOTAL TYPE II DELINEATORS FOR DECEL LANE=7

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528parking.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
NB PARKING AREA MM 23.2 DELIN. LAYOUT	SHEET 53 OF 157

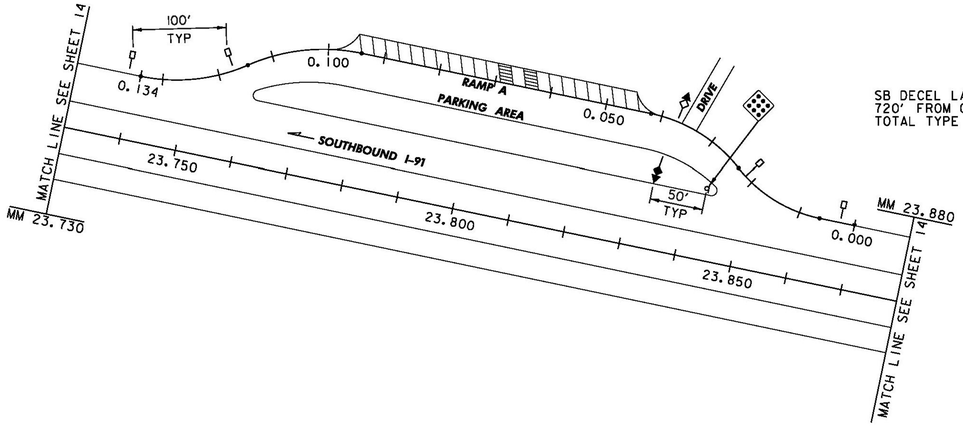
CLD 12-0350 MODEL:Delin Parking NB MM 23.2

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

N

VT STATE PLANE GRID

SB ACCEL LANE TAPER ENDS AT 23.551+/-
1110' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=12



SB DECEL LANE TAPER BEGINS AT 23.981+/-
720' FROM GORE
TOTAL TYPE II DELINEATORS FOR DECEL LANE=8

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

NOT TO SCALE

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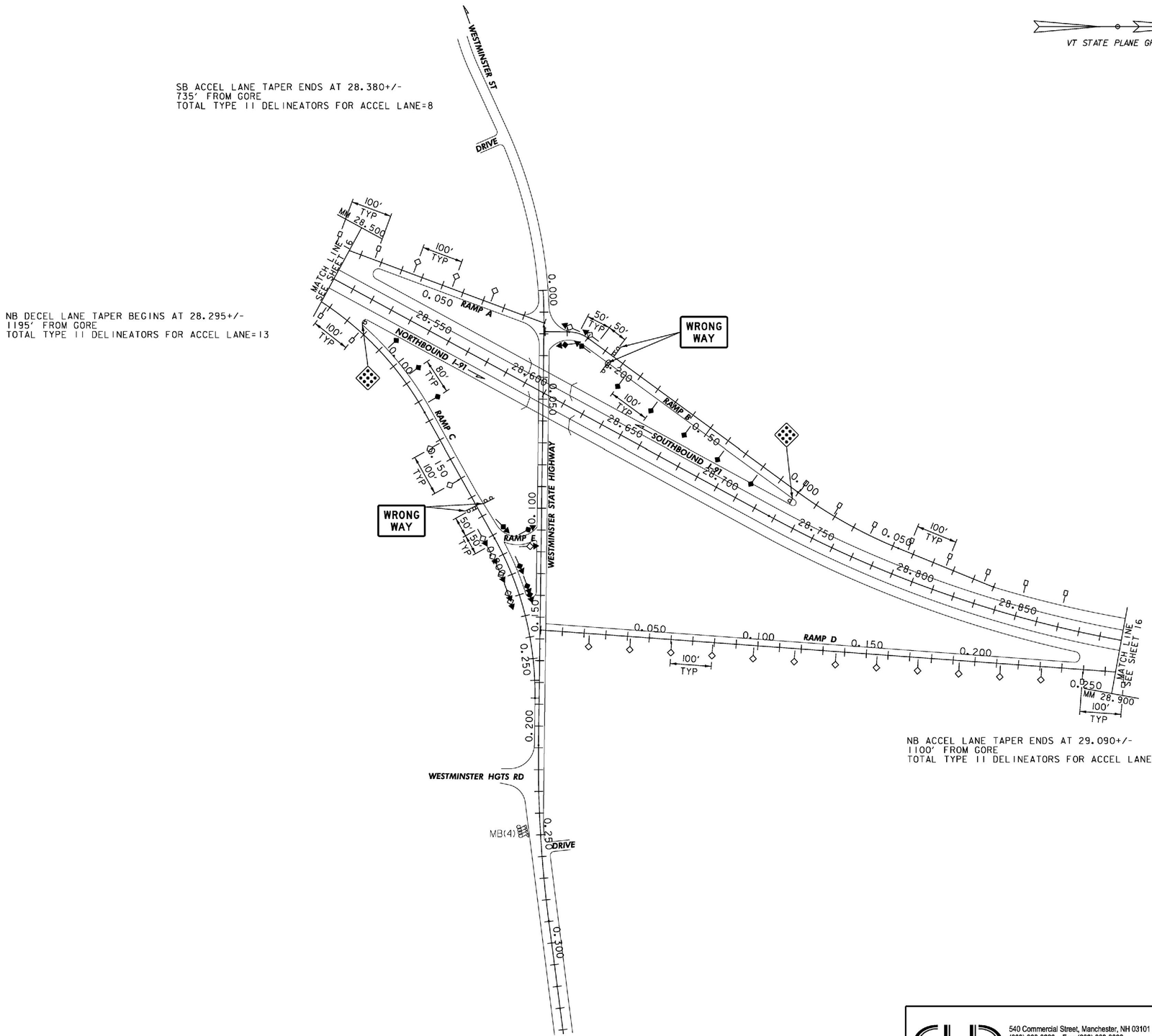
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528parking.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: S. GOODWIN
SB PARKING AREA MM 23.8 DELIN. LAYOUT

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: J. BRZEZOWSKI
SHEET 54 OF 157

CLD 12-0350 MODEL: Delin Parking SB MM 23.8



NOT TO SCALE

CLD 12-0350 MODEL: Delin

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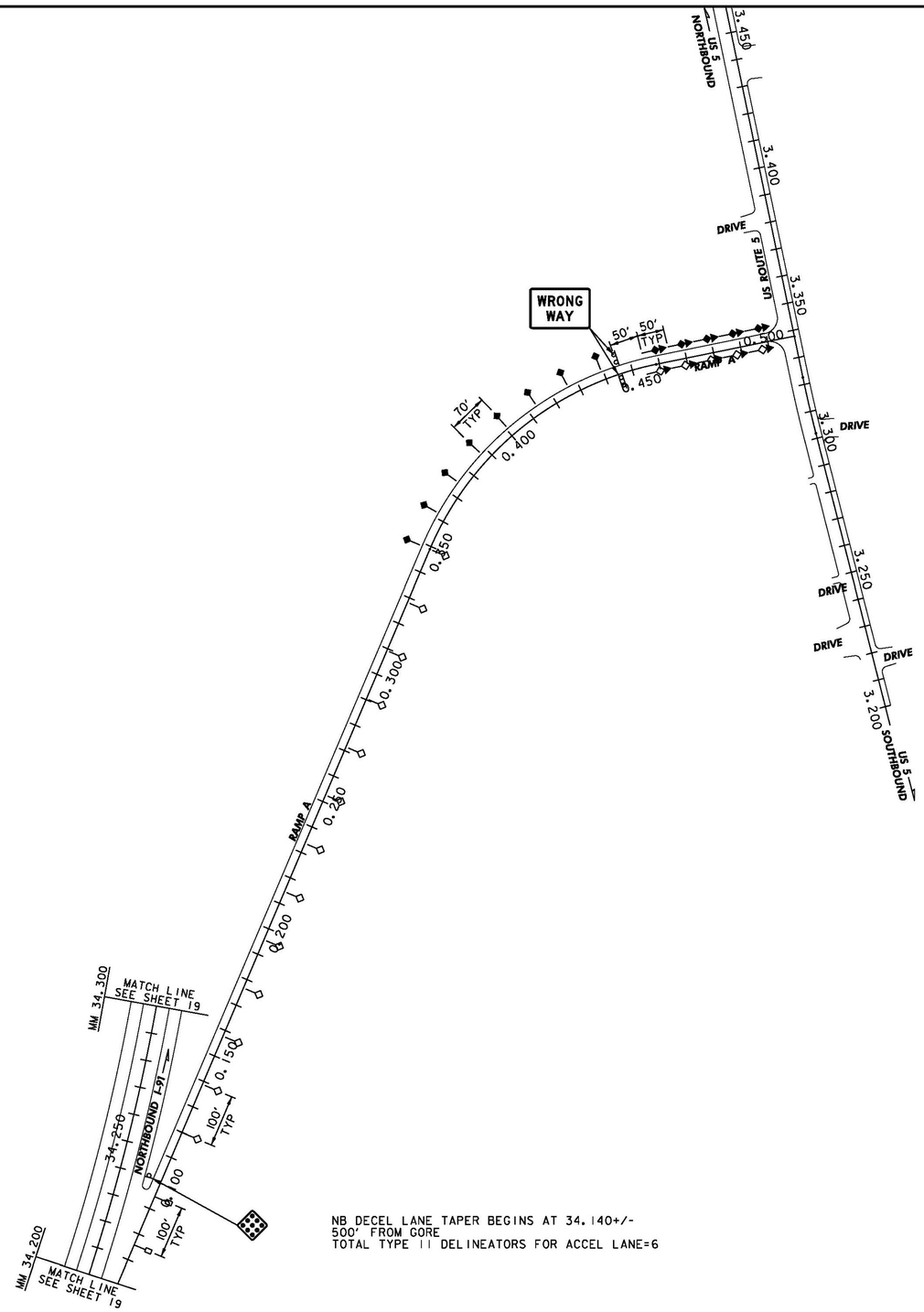
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A5281int05.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: S. GOODWIN
INTERCHANGE 5 DELINEATOR LAYOUT

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: J. BRZEZOWSKI
SHEET 55 OF 157

N

VT STATE PLANE GRID



NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

NB DECEL LANE TAPER BEGINS AT 34.140+/-
500' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=6

NOT TO SCALE

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

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PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528Int06.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE 6 DELINEATOR LAYOUT	SHEET 56 OF 157

CLD 12-0350 MODEL: DelInOl

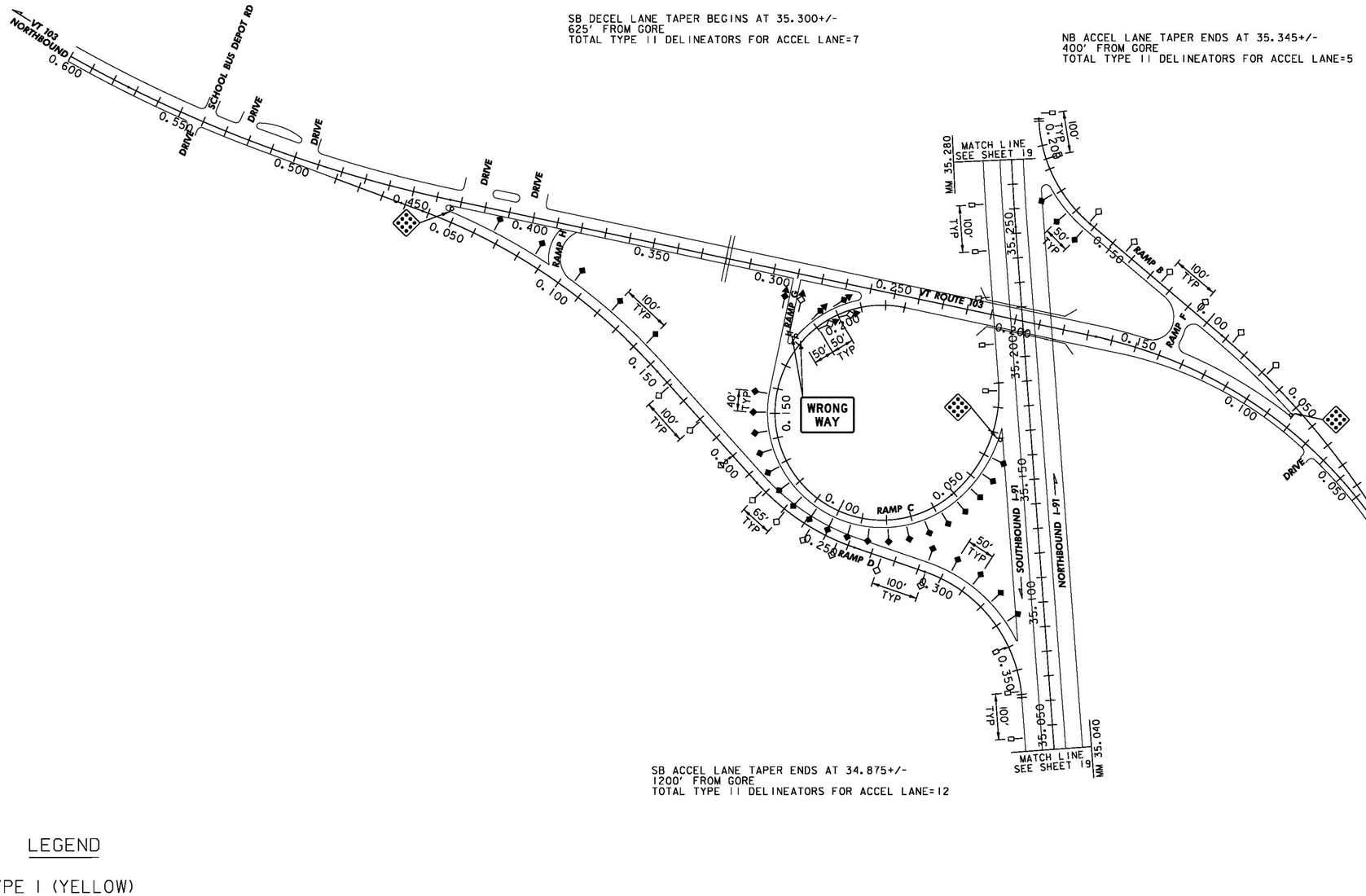
N

VT STATE PLANE GRID

NOTE
FOR TYPICAL PLACEMENT OF DELINEATORS
SEE STANDARDS E-197 AND T-40.

SB DECEL LANE TAPER BEGINS AT 35.300+/-
625' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=7

NB ACCEL LANE TAPER ENDS AT 35.345+/-
400' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=5



SB ACCEL LANE TAPER ENDS AT 34.875+/-
1200' FROM GORE
TOTAL TYPE II DELINEATORS FOR ACCEL LANE=12

LEGEND

- TYPE I (YELLOW)
- TYPE I (WHITE)
- TYPE II (WHITE)
- TYPE III (YELLOW, RED ON BACK)
- TYPE III (WHITE, RED ON BACK)

*MILE MARKER STATIONING FOR I-91 SOUTHBOUND SIGNS ON THIS SHEET MAY BE INACCURATE AND SHOULD BE VERIFIED BY THE ENGINEER.

NOT TO SCALE

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PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A5281n+06.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: J. BRZEZOWSKI
INTERCHANGE 6 DELINEATOR LAYOUT	SHEET 57 OF 157

CLD 12-0350 MODEL: Delin02

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
NORTHBOUND 0.000 - 36.000 NB	BRIDGE XX I-91	24	6	10	10.08						24				X			24															NOT SHOWN ON LAYOUTS See location chart on sign detail sheet 16		149	
0.000 - 36.000 NB	RAMPX 0.000 000.00	20	6	8	6.60						20				X			20															NOT SHOWN ON LAYOUTS See location chart on sign detail sheet 16		149	
0.001 NB MED		1	36	36	9.00						2					X		2																R3-4		
0.019 NB	Welcome To VERMONT	1	60	48	20.00																														134	
	WELCOME CENTER 5 MILES	1	60	48	20.00						2												2			380.2								134	
0.099 NB MED		1	36	36	9.00						2					X		2																R3-4		
0.167 NB	RAMP 25 MPH	1	48	60	20.00						2												2	220.4										W13-3		
0.234 NB		1	18	18	2.25						1				X			1																OM1-1		
0.281 NB		1	48	48	16.00						2												2	205.2										W4-1R		
0.310 NB		1	30	30	6.25						2					X		2																R3-2		
0.317 NB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
0.376 NB	SPEED LIMIT 65	1	48	60	20.00																													R2-1		
	MINIMUM 40	1	48	48	16.00						2												2			315.0										E-142
0.471 NB	NORTH	1	~~36~~ 30	~~18~~ 21	~~4.50~~ 4.38																												(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																													M1-1		
	4 PROJECTS IN THE INTERSTATE SYSTEM	1	36	36	9.00						1												1			144.0								M1-10		
												FT	FT	FT	FT 599.1	FT 110.3	FT		EA.	LB	LB	LB		LB 425.6	LB 459.0	LB 380.2	LB									
	SUBTOTALS SHEET 1	SF 184.31	SF	EA.	SF						FT				FT 709.4					LB			EA. 9		LB 1264.8			EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssml.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 58 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
0.688 NB	SAFETY BELTS REQUIRED	1	72	72		36.00					2												2			375.9									134	
0.783 NB		1	36	36	9.00																														134	
	STRICTLY ENFORCED	1	36	24	6.00						2					X		2																	134	
0.926 NB	STATE LAW MOVE OVER OR SLOW DOWN FOR STOPPED EMERGENCY VEHICLES	1	132	66		60.50					2												2			289.5							THINNING & TRIMMING		135	
1.021 NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	206.8											146	
1.021 NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	206.8											146	
1.940 NB MED		1	36	36	9.00						2					X		2																	R3-4	
2.084 NB	511 TRAVEL INFO	1	48	48	16.00						2												2	205.2											134	
2.340 NB	ENTERING TOWN OF VERNON	1	36	24	6.00						2					X		2																		E-131
2.388 NB	MOOSE	1	48	48	16.00																														146	
	STAY ALERT	1	30	24	5.00						2												2	205.2											146	
4.178 NB MED		1	36	36	9.00						2					X		2																	R3-4	
4.670 NB	REST AREA VERMONT WELCOME CENTER 1 MILE	1	186	108		139.50																											THINNING & TRIMMING		135	
	NEXT FACILITY 95 MILES	1	114	36		28.50					2																	2		1186	W10X26		Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		135	
5.079 NB	ENTERING TOWN OF GUILFORD	1	36	24	6.00						2					X		2																		E-131
2.680 NB	BRIDGE PLAQUE						1																													
												FT	FT	FT	FT	FT 164.7	FT	EA.		LB	LB	LB		LB 824.0	LB	LB 665.4	LB								
	SUBTOTALS SHEET 2	SF 122.00	SF 264.50	EA.	SF							FT			FT 164.7					LB			EA. 12	LB 1489.4				EA. 2	EA.	LB 1186					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD.
POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/15/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 2 SHEET **59** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
5.187 NB	REST AREA / VERMONT WELCOME CENTER NEXT RIGHT	1	186	108		139.50																											THINNING & TRIMMING		135	
	OPEN 24 HRS	1	102	24	17.00																														135	
	WiFi	1	30	30	6.25						2																	2		1186	W10X26		Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		135	
5.287 NB	EMERGENCY VEHICLE EMBARGO	1	48	48	16.00																												THINNING & TRIMMING		146	
	3000 FEET	1	24	18	3.00						2												2	184.0										W16-2P		
5.409 NB	RAMP 35 MPH	1	48	60	20.00						2												2	206.8										W13-3		
5.542 NB MED		1	36	36	9.00						2					X		2																R3-4		
5.577 NB		1	18	18	2.25						1				X			1																OM1-1		
5.579 NB	REST AREA	1	78	78		42.25					2												2	205.2										135	
5.689 NB	Brattleboro EXITS Canal St EXIT 1 Downtown EXIT 2 Putney Rd EXIT 3	1	228	120		190.00					2																	2		824	W8X21		THINNING & TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		135	
5.730 NB		1	48	48	16.00						2												2	205.2										W4-1R		
5.781 NB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
5.800 NB MED		1	36	36	9.00						2					X		2																R3-4		
5.975 NB		1	12	36	3.00						1					X		1																OM-3R		
5.975 NB MED		1	12	36	3.00						1					X		1																OM-3L		
											FT	FT	FT		FT 9.5	FT 120.6	FT	EA.		LB	LB	LB		LB 801.2	LB	LB	LB									
SUBTOTALS SHEET 3		SF 111.25	SF 371.75	EA.	SF		FT								FT 130.1					LB			EA. 8	LB 801.2				EA. 4	EA.	LB 2010						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 3 SHEET **60** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0	4.0	4.0Mod	TUBULAR STEEL DIA (in) FND-ATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												lb/ft			lb/ft					lb/ft				7.6	9.0	10.8	14.6									
6.129 NB	EXIT 1	1	96	30	20.00																														136	
	5 TO 142 Brattleboro Guilford 1 MILE	1	186	144		186.00					2																	2		828	W8X21		Fuse-Plate Bolt Tension 31.1 kips		136	
6.589 NB MED		1	36	36	9.00						2					X		2																R3-4		
6.607 NB	Vernon Hinsdale NH EXIT 1	1	162	84		94.50					2												2				331.6								136	
6.670 NB	ENTERING TOWN OF BRATTLEBORO	1	36	24	6.00						2					X		2																		E-131
7.050 NB	NEXT RIGHT	1	144	144		144.00					2																	2		774	W8X18		THINNING AND TRIMMING Fuse-Plate Bolt Tension 20 kips Special Provision Footing (2); See Sht 3		136	
7.248 NB	EXIT 1	1	96	30	20.00																													THINNING & TRIMMING		136	
	5 TO 142 Brattleboro Guilford	1	186	132		170.50					2																	2		763	W8X21		Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		136	
7.258 NB	EXIT 40 MPH	1	48	60	20.00						2												2	228.8											W13-2		
7.332 NB		1	18	18	2.25						1				X			1																	OM1-1		
7.338 NB	EXIT 1	1	78	60		32.50					2												2	182.4											E5-1a		
7.460 NB MED		1	12	36	3.00						1					X		1																	OM-3L		
7.466 NB		1	12	36	3.00						1					X		1																	OM-3R		
7.650 NB		1	48	48	16.00						2												2	205.2											W4-1R		
7.769 NB MED	ONE WAY	1	54	18	6.75						2					X		2																	R6-1R		
7.965 NB MED		1	36	36	9.00						2					X		2																	R3-4		
												FT	FT	FT	FT 9.5	FT 151.6	FT	EA.		LB	LB	LB		LB 616.4	LB	LB	LB 331.6								
SUBTOTALS SHEET 4		SF 115.00	SF 627.50	EA.	SF							FT			FT 161.1					LB			EA. 8	LB 948.0				EA. 6	EA.	LB 2365					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD.
POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 4 SHEET **61** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
7.967 NB	NORTH	1	~~36~~ 30	~~18~~ 21	~~4.50~~ 4.38																													(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																															M1-1		
		1	36	36	9.00						1												1		144.0										M1-10		
8.078 NB	EXIT 2	1	96	30	20.00																													THINNING & TRIMMING		137	
	Brattleboro Bennington 1 MILE	1	186	144		186.00					2																	2		945	W8X21		Fuse-Plate Bolt Tension 31.8 kips		137	
8.150 NB	SPEED LIMIT 65	1	48	60	20.00																														R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0									THINNING & TRIMMING			E-142
8.232 NB	TO 93 Manchester EXIT 2	1	156	96		104.00					2																	2		536	W6X15		Fuse-Plate Bolt Tension 19 kips Special Provision Footing (2); See Sht 3		137	
8.337 NB		1	48	48	16.00						2												2	205.2									THINNING & TRIMMING	W1-2R		
8.337 NB MED		1	48	48	16.00						2												2	205.2										W1-2R		
8.430 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
8.548 NB	Marlboro College Wilmington EXIT 2	1	222	84		129.50					2																	2		582	W6X15		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19 kips		138	
8.662 NB	NEXT RIGHT	1	144	144		144.00					2																	2		952	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		137	
8.776 NB MED		1	36	36	9.00						2				X		2																	R3-4		
8.834 NB	EAST Keene NH USE EXIT 3	1	132	96		88.00					2												2				481.8								138	
											FT	FT	FT		FT 32.6	FT	EA.			LB	LB	LB		LB 615.6	LB 459.0	LB	LB 481.8									
	SUBTOTALS SHEET 5	SF 135.38	SF 651.50	EA.	SF		FT					FT 32.6								LB			EA. 11	LB 1556.4				EA. 8	EA.	LB 3015						

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PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 5 SHEET **62** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0	4.0	4.0Mod	1.3	1.7	1.7	TUBULAR STEEL DIA (in) FND-ATION	lb/ft 3.0	3.5	4.0	5.0	7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
8.929 NB		1	96	30	20.00																																					137	
		1	186	156		201.50					2																											2		940	W10X22		Fuse-Plate Bolt Tension 29.3 kips Special Provision Footing (1); See Sht 3		137	
8.942 NB		1	48	60	20.00						2																		2	206.8													W13-2		
9.014 NB		1	18	18	2.25						1				X					1																								OM1-1		
9.017 NB		1	78	60		32.50					2																		2	182.4													E5-1a		
9.104 NB		1	48	48	16.00						2																		2	205.2													W4-1R		
9.170 NB MED		1	54	18	6.75						2					X				2																								R6-1R		
9.336 NB		1	48	48	16.00																																								146	
		1	30	24	5.00						2																		2	205.2															146	
9.431 NB		1	48	36	12.00						2																		2	190.0													R8-7		
9.440 NB MED		1	36	36	9.00						2					X				2																								R3-4		
9.522 NB		1	~~36~~ ~~30~~	~~18~~ ~~21~~	~~4.50~~ ~~4.38~~																																					(INTERSTATE) WHITE ON BLUE	M3-1		
		1	36	36	9.00																																							M1-1		
		1	36	36	9.00						1																		1		144.0												M1-10		
9.618 NB		1	48	48	16.00						2																		2	205.2													W7-1a		
9.618 NB MED		1	48	48	16.00						2																		2	205.2													W7-1a		
												FT	FT	FT	FT 9.5	FT 62.6	FT			EA.		LB	LB	LB				LB 1400.0	LB 144.0	LB	LB												
	SUBTOTALS SHEET 6	SF 161.38	SF 234.00	EA.	SF		FT		FT 72.1			LB			EA. 15		LB 1544.0			EA. 2	EA.	LB 940																							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 6 SHEET **63** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
9.711 NB	SPEED LIMIT 65	1	48	60	20.00																													R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0											E-142
9.950 ~~10.050~~ NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
9.950 ~~10.050~~ NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
10.250 ~~10.300~~ NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13	
~~10.460 NB~~	~~EXIT 3~~	~~1~~	~~96~~	~~30~~	~~20.00~~																												BRATTLEBORO (65) PROJECT LIMITS		139	
	~~5 9 EAST Brattleboro Keene NH 1 MILE~~	~~1~~	~~186~~	~~144~~		~~186.00~~					~~2~~																	~~2~~		~~910~~	~~W8X21~~		~~Fuse Plate Bolt Tension 32.1 kips Special Provision Footing (2); See Sht 3~~		138	
~~10.461 NB MED~~	~~West River~~	~~1~~	~~36~~	~~28~~	~~7.00~~						~~2~~					~~X~~		~~2~~																	147	
~~10.466 NB~~		~~1~~	~~12~~	~~36~~	~~3.00~~						~~1~~					~~X~~		~~1~~																OM-3R		
~~10.466 NB MED~~		~~1~~	~~12~~	~~36~~	~~3.00~~						~~1~~					~~X~~		~~1~~																OM-3L		
10.700 NB	World Learning SIT Grad Inst EXIT 3	1	198	84		115.50					2																	2		558	W6X15		Fuse-Plate Bolt Tension 19 kips Special Provision Footing (2); See Sht 3		139	
10.880 NB	EXIT 3	1	96	30	20.00																														139	
	5 9 EAST Brattleboro Keene NH 1/2 MILE	1	186	144		186.00																													138	
	NEXT EXIT 8 MILES	1	138	24		23.00					2																	2		1324	W10X26		BRATTLEBORO (65) Fuse-Plate Bolt Tension 29.4 kips PROJECT LIMITS	E2-1P		
11.029 NB	NEXT RIGHT	1	144	144		144.00					2																	2		828	W8X18		Fuse-Plate Bolt Tension 20.1 kips		138	
11.180 NB	EXIT 3	1	96	30	20.00																														139	
	5 9 EAST Brattleboro Keene NH	1	216	120		180.00					2																	2		893	W8X21		Fuse-Plate Bolt Tension 28 kips Special Provision Footing (1); See Sht 3		138	
												FT	FT	FT	FT	FT 57.1	FT	EA.		LB	LB	LB		LB 646.0	LB 315.0	LB	LB							
SUBTOTALS SHEET 7		SF 165.00	SF 834.50	EA.	SF		FT		FT 57.1		LB	EA. 8	LB 961.0			EA. 10	EA.	LB 4513																			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssml.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 7

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 64 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
11.200 NB MED		1	36	36	9.00						2					X		2																R3-4		
11.275 NB	EXIT 30 MPH	1	48	60	20.00						2												2	206.8									W13-2		
11.459 NB		1	18	18	2.25						1				X			1															OM1-1		
11.464 NB	EXIT 3	1	78	60		32.50					2												2	182.4									E5-1a		
11.590 NB		1	48	48	16.00						2												2	205.2									W4-1R		
11.648 NB MED	ONE WAY	1	54	18	6.75						2					X		2															R6-1R		
11.897 NB MED		1	36	36	9.00						2					X		2															R3-4		
11.949 NB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2												2	190.0									R8-7		
12.025 NB	NORTH	1	~~36~~ 30	~~18~~ 21	~~4.50~~ 4.38																											(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																												M1-1		
	CRASH BARRIER CONSTRUCT ENTER	1	36	36	9.00						1												1		144.0								M1-10		
12.120 NB	SPEED LIMIT 65	1	48	60	20.00																												R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0										E-142
12.368 NB	Putney 6 White River Jct 59	1	150	36		37.50					2												2		292.5									139	
12.600 NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4									146	
											FT	FT	FT		FT 9.5	FT 95.2	FT	EA.		LB	LB	LB		LB 1004.8	LB 751.5	LB	LB								
SUBTOTALS SHEET 8			SF 153.38	SF 70.00	EA.	SF					FT				FT 104.7					LB			EA. 15	LB 1756.3				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 8 SHEET **65** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
12.600 NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
12.755 NB	ENTERING TOWN OF DUMMERSTON	1	36	24	6.00						2					X		2																	E-131
14.256 NB MED		1	36	36	9.00						2					X		2																R3-4		
16.128 NB MED		1	36	36	9.00						2					X		2																R3-4		
16.491 NB	EXIT 4	1	96	30	20.00																														139	
	TO 5 Putney 1½ MILES	1	120	120		100.00					2																	2		578	W6X15		Fuse-Plate Bolt Tension 22.6 kips		139	
16.550 NB		1	48	48	16.00						2												2	205.2										W1-2R		
16.550 NB MED		1	48	48	16.00						2												2	205.2										W1-2R		
17.275 NB	Landmark College EXIT 4	1	132	84		77.00					2												2				512.5						THINNING AND TRIMMING		140	
17.532 NB	EXIT 4	1	96	30	20.00																														139	
	TO 5 Putney ½ MILE	1	120	120		100.00																													139	
	NEXT EXIT 11 MILES	1	78	36	19.50						2																	2		945	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3	E2-1aP		
17.684 NB	NEXT RIGHT	1	144	144		144.00					2																	2		971	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		140	
17.888 NB	EXIT 4	1	96	30	20.00																														139	
	TO 5 Putney	1	162	96		108.00					2																	2		576	W6X15		THINNING & TRIMMING Fuse-Plate Bolt Tension 19.7 kips		139	
17.914 NB	EXIT 35 MPH	1	48	60	20.00						2												2	220.4										W13-2		
14.49, 15.58, 16.44	BRIDGE PLAQUES	3																																		
												FT	FT	FT	FT	FT 96.2	FT		EA.	LB	LB	LB		LB 851.2	LB	LB	LB 512.5									
SUBTOTALS SHEET 9		SF 175.50	SF 529.00	EA.	SF							FT			FT 96.2					LB			EA. 10	LB 1363.7				EA. 8	EA.	LB 3070						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 9 SHEET **66** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) lb/ft FND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
18.034 NB		1	18	18	2.25						1				X			1																OM1-1		
18.039 NB	EXIT 4	1	78	60		32.50					2												2	182.4									E5-1a		
18.143 NB	ENTERING TOWN OF PUTNEY	1	36	24	6.00						2					X		2																		E-131
18.170 NB		1	48	48	16.00						2												2	205.2									W4-1R		
18.244 NB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
18.321 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2									W8-13		
18.350 NB MED		1	36	36	9.00						2					X		2																R3-4		
18.435 NB		1	12	36	3.00						1					X		1																OM-3R		
18.435 NB MED		1	12	36	3.00						1					X		1																OM-3L		
18.500 NB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2												2	190.0									R8-7		
18.590 NB	NORTH	1	~~36~~ 30	~~18~~ 21	~~4.50~~ 4.38																												(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																													M1-1		
	ALTERNATE TRUCK ROUTE	1	36	36	9.00						1												1		144.0									M1-10		
18.690 NB	SPEED LIMIT 65	1	48	60	20.00																													R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0											E-142
18.920 NB	Bellows Falls 13 White River Jct 53	1	150	36		37.50					2												2		220.5								THINNING AND TRIMMING		140	
~~18.86~~ NB	BRIDGE PLAQUES						1																													
												FT	FT	FT	FT 9.5	FT 119.0	FT		EA.	LB	LB	LB		LB 782.8	LB 679.5	LB	LB									
SUBTOTALS SHEET 10			SF 132.38	SF 70.00	EA.	SF						FT			FT 128.5					LB			EA. 13	LB 1462.3				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 10 SHEET **67** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
19.170 NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
19.170 NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
19.360 NB	WEIGH STATION 1 MILE	1	96	72		48.00					2												2			358.6									141	
19.480 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2											W8-13	
19.645 NB MED		1	12	36	3.00						1					X		1																	OM-3L	
19.655 NB		1	12	36	3.00						1					X		1																	OM-3R	
19.820 NB	ALL TRUCKS NEXT RIGHT	1	114	48		38.00					2												2		235.8									THINNING & TRIMMING		141	
20.122 NB	WEIGH STATION NEXT RIGHT OPEN CLOSED	1	108	90		67.50					2												2				476.0								141	
20.274 NB	RAMP 30 MPH	1	48	60	20.00						2												2	206.8									THINNING & TRIMMING		W13-3	
20.400 NB		1	18	18	2.25						1				X			1																	OM1-1	
20.402 NB	WEIGH STATION	1	84	78		45.50					2												2		243.0											141	
20.447 NB		1	48	48	16.00						2												2	205.2											W4-1R	
20.513 NB MED	ONE WAY	1	54	18	6.75						2					X		2																	R6-1R	
20.640 NB MED		1	36	36	9.00						2					X		2																	R3-4	
21.124 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2											W8-13	
21.271 NB		1	12	36	3.00						1					X		1																	OM-3R	
												FT	FT	FT	FT 9.5	FT 100.7	FT	EA.		LB	LB	LB		LB 1263.2	LB 478.8	LB 358.6	LB 476.0									
SUBTOTALS SHEET 11		SF 135.00	SF 199.00	EA.	SF			FT				FT 110.2				LB		EA. 20	LB 2576.6				EA.	EA.	LB											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 11 SHEET **68** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
21.271 NB MED		1	12	36	3.00						1					X		1																OM-3L		
22.043 NB		1	150	60		62.50					2												2				486.2								141	
22.947 NB		1	150	60		62.50					2												2				532.9								141	
23.008 NB MED		1	36	36	9.00						2					X		2																R3-4		
23.166 NB		1	18	18	2.25						1				X			1																OM1-1		
23.170 NB		1	90	78		48.75																													141	
		1	42	30	8.75						2												2			291.6							BACK TO BACK	R5-1a		
23.214 NB		1	48	48	16.00						2												2	205.2									THINNING & TRIMMING	W4-1R		
23.253 NB MED		1	54	18	6.75						2					X		2																R6-1R		
23.551 NB		1	36	24	6.00						2					X		2																		E-131
24.471 NB MED		1	36	36	9.00						2					X		2																R3-4		
26.355 NB MED		1	36	36	9.00						2					X		2																R3-4		
27.141 NB		1	96	30	20.00																														143	
		1	210	144		210.00					2																	2		883	W10X22		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28.2 kips		142	
27.500 NB		1	156	60		65.00					2												2				483.3						THINNING AND TRIMMING		142	
23.553 25.303 26.153	BRIDGE PLAQUES	3																																		
											FT	FT	FT		FT 9.5	FT 171.5	FT		EA.	LB	LB	LB		LB 205.2	LB	LB 291.6	LB ####								
	SUBTOTALS SHEET 12	SF 89.75	SF 448.75	EA.	SF				FT						FT 181.0					LB			EA. 10	LB 1999.2				EA. 2	EA.	LB 883					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssml.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 12

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 69 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0	4.0	4.0Mod	TUBULAR STEEL DIA (in) lb/ft FND-ATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
27.850 NB	EXIT 5	1	96	30	20.00																															143	
	TO 5 123 Westminster Bellows Falls 1/2 MILE	1	210	144		210.00																														142	
	NEXT EXIT 7 MILES	1	138	24		23.00					3																		3		2091	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (3); See Sht 3	E2-1P		
28.005 NB	NEXT RIGHT	1	144	144		144.00					2																		2		996	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		142	
28.367 NB MED		1	36	36	9.00						2					X		2																	R3-4		
28.395 NB	EXIT 5	1	96	30	20.00																													THINNING & TRIMMING		143	
	TO 5 123 Westminster Bellows Falls	1	210	120		175.00					2																		2		813	W8X21		Fuse-Plate Bolt Tension 28 kips		142	
28.450 NB	RAMP 40 MPH	1	48	60	20.00						2												2	220.4										W13-3		
28.522 NB		1	18	18	2.25						1				X			1																OM1-1		
28.527 NB	EXIT 5	1	78	60		32.50					2												2	182.4										E5-1a		
28.584 NB MED		1	12	36	3.00						1					X		1																OM-3L		
28.594 NB		1	12	36	3.00						1					X		1																OM-3R		
28.786 NB		1	48	48	16.00						2												2	205.2										W4-1R		
28.888 NB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
29.051 NB MED		1	36	36	9.00						2					X		2																R3-4		
29.123 NB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2												2	190.0										R8-7		
												FT	FT	FT	FT 9.5	FT 120.6	FT	EA.		LB	LB	LB		LB 798.0	LB	LB	LB								
	SUBTOTALS SHEET 13	SF	121.00		SF	584.50	EA.		SF			FT			FT	130.1				LB			EA.	8	LB	798.0		EA.	7	EA.		LB	3900			

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PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 13 SHEET **70** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
29.218 NB	NORTH	1	~~36~~ 30	~~18~~ 21	~~4.50~~ 4.38																												(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																													M1-1		
	ADDISON VERMONT 118 WHITE RIVER JCT 12	1	36	36	9.00						1												1		144.0									M1-10		
29.313 NB	SPEED LIMIT 65	1	48	60	20.00																													R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0											E-142
29.523 NB	Rockingham 7 White River Jct 42	1	150	36		37.50					2												2		265.5									THINNING AND TRIMMING		142	
29.854 NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
29.854 NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
30.688 NB MED		1	36	36	9.00						2					X		2																R3-4		
30.730 NB MED		1	36	36	9.00						2					X		2																R3-4		
30.785 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
30.985 NB MED	Saxtons River	1	48	28	9.33						2					X		2																	147	
30.990 NB		1	12	36	3.00						1					X		1																OM-3R		
30.997 NB MED		1	12	36	3.00						1					X		1																OM-3L		
31.190 NB	ENTERING TOWN OF ROCKINGHAM	1	36	24	6.00						2					X		2																		E-131
											FT	FT	FT		FT 153.3	FT		EA.		LB	LB	LB		LB 646.0	LB 724.5	LB	LB								
SUBTOTALS SHEET 14		SF 153.71			SF 37.50		EA.		SF		FT				FT 153.3					LB			EA. 11		LB 1370.5			EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 14 SHEET **71** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
32.832 NB	EXIT 6	1	96	30	20.00																														145	
	5 TO 103 Rockingham Rutland 1½ MILES	1	192	144		192.00					2																	2		1342	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips		144	
33.558 NB	Chester Ludlow EXIT 6	1	108	84		63.00					2												2			330.5								THINNING AND TRIMMING		145	
33.765 NB	EXIT 6	1	96	30	20.00																														145	
	5 TO 103 Rockingham Rutland ½ MILE	1	192	144		192.00																													144	
	NEXT EXIT 9 MILES	1	138	24		23.00					2																	2		1259	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 30.2 kips Special Provision Footing (2): See Sht 3	E2-1P		
33.765 NB MED		1	36	36	9.00						2					X		2																R3-4		
33.950 NB	NEXT RIGHT	1	144	144		144.00					2																	2		975	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		144	
34.109 NB	EXIT 6	1	96	30	20.00																													THINNING & TRIMMING		145	
	5 TO 103 Rockingham Rutland	1	192	132		176.00					2																	2		916	W8X21		Fuse-Plate Bolt Tension 28.4 kips Special Provision Footing (2); See Sht 3		144	
34.156 NB	EXIT 40 MPH	1	48	60	20.00						2												2	220.4										W13-3		
34.240 NB		1	18	18	2.25						1				X			1																OM1-1		
34.246 NB	EXIT 6	1	78	60		32.50					2												2	182.4										E5-1a		
34.565 NB MED		1	36	36	9.00						2					X		2																R3-4		
34.600 NB		1	48	48	16.00						2												2	205.2										VW-285		146	
												FT	FT	FT	FT 9.5	FT 65.2	FT		EA.	LB	LB	LB		LB 608.0	LB	LB 330.5	LB									
SUBTOTALS SHEET 15			SF 116.25	SF 822.50	EA.	SF						FT			FT 74.7					LB			EA. 8	LB 938.5				EA. 8	EA.	LB 4492						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 15 SHEET **72** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
35.150 NB		1	48	48	16.00																												THINNING & TRIMMING FLUORESCENT YELLOW TYPE IX SHEETING	W4-1R		
	MERGING TRAFFIC	1	36	18	4.50						2												2	236.4									FLUORESCENT YELLOW TYPE IX SHEETING		147	
35.187 NB		1	12	36	3.00						1					X		1																OM-3R		
35.187 NB MED		1	12	36	3.00						1					X		1																OM-3L		
35.250 NB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
35.278 NB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
35.359 NB MED		1	36	36	9.00						2					X		2																R3-4		
35.411 NB	Williams River	1	48	28	9.33						2					X		2																	147	
35.416 NB		1	12	36	3.00						1					X		1																OM-3R		
35.416 NB MED		1	12	36	3.00						1					X		1																OM-3L		
35.600 NB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2							~~2~~					2	190.0										R8-7		
35.695 NB	NORTH	1	36 ~~30~~	18 ~~21~~	4.50 ~~4.38~~																													(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	36	36	9.00																														M1-1		
	EMERGENCY PULL-OFF AREA 1/2 MILE	1	36	36	9.00						1												1		144.0										M1-10		
35.719 NB MED		1	36	36	9.00						2					X		2																R3-4		
											FT	FT	FT		FT	FT 177.7	FT	EA.		LB	LB	LB		LB 631.6	LB 144.0	LB	LB									
	SUBTOTALS SHEET 16		SF 116.96		SF	EA.	SF				FT				FT 177.7					LB			EA. 7	LB 775.6				EA.	EA.	LB						

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PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 16 SHEET **73** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
35.790 NB	SPEED LIMIT 65	1	48	60	20.00																														R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0											E-142
35.996 NB	Springfield 10 White River Jct 36	1	150	36		37.50					2												2		248.4									THINNING AND TRIMMING		145	
36.246 NB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	
36.246 NB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4											146	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
SOUTHBOUND 35.995 SB	EXIT 6	1	96	30	20.00																														145	
	103 TO 5 Rockingham Bellows Falls 1 MILE	1	210	144		210.00																													145	
	NEXT EXIT 7 MILES	1	138	24		23.00					2																	2		1222	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 32 kips	E2-1P		
35.809 SB	Chester Ludlow EXIT 6	1	108	84		63.00					2												2			352.1							THINNING AND TRIMMING		145	
35.732 SB MED		1	36	36	9.00						2					X		2																R3-4		
35.714 SB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
35.650 SB	BUS TAXI NEXT RIGHT	1	144	144		144.00					2																	2		994	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		144	
35.617 SB MED	Williams River	1	48	28	9.33						2					X		2																	147	
35.616 SB MED		1	12	36	3.00						1					X		1																OM-3L		
35.610 SB		1	12	36	3.00						1					X		1																OM-3R		
35.372 SB MED		1	36	36	9.00						2					X		2																R3-4		
35.307 SB	EXIT 6	1	96	30	20.00																														145	
	103 TO 5 Rockingham Bellows Falls	1	234	120		195.00					2																	2		1398	W12X30		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		145	
35.290 SB	EXIT 25 MPH	1	48	60	20.00						2												2	220.4									THINNING & TRIMMING	W13-3		
35.215 SB		1	12	36	3.00						1					X		1																OM-3R		
35.215 SB MED		1	12	36	3.00						1					X		1																OM-3L		
												FT	FT	FT	FT	FT 147.7	FT	EA.		LB	LB	LB		LB 425.6	LB	LB 352.1	LB								
	SUBTOTALS SHEET 18	SF 115.33	SF 635.00	EA.	SF							FT			FT 147.7					LB			EA. 6	LB 777.7				EA. 4	EA. 2	LB 3614					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 18 SHEET **75** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
35.180 SB		1	18	18	2.25						1				X			1																OM1-1		
35.176 SB		1	78	60		32.50					2												2	182.4									E5-1a		
35.122 SB		1	48	48	16.00						2												2	205.2									W4-1R		
35.102 SB MED		1	54	18	6.75						2					X		2																R6-1R		
35.061 SB		1	48	48	16.00						2												2	205.2								THINNING & TRIMMING VW-285		146	
34.770 SB		1	48	36	12.00						2												2	190.0									R8-7		
34.675 SB		1	36	18	4.50																											(INTERSTATE) WHITE ON BLUE	M3-3		
		1	36	36	9.00																												M1-1		
		1	36	36	9.00						1												1		144.0								M1-10		
34.580 SB		1	48	60	20.00																												R2-1		
		1	48	48	16.00						2												2		315.0										E-142
34.578 SB MED		1	36	36	9.00						2					X		2																R3-4		
34.390 SB		1	126	36		31.50					2												2	199.9								THINNING AND TRIMMING		145	
33.940 ~~34.200~~ SB		1	48	60	20.00						2												2	220.4										146	
33.940 ~~34.200~~ SB MED		1	48	60	20.00						2												2	220.4										146	
33.778 SB MED		1	36	36	9.00						2					X		2																R3-4		
												FT	FT	FT	FT 9.5	FT 95.2	FT		EA.	LB	LB	LB		LB 1423.5	LB 459.0	LB	LB									
SUBTOTALS SHEET 19		SF 169.50	SF 64.00	EA.	SF							FT			FT 104.7					LB			EA. 17	LB 1882.5				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 19 SHEET **76** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
											NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
33.014 SB		1	48	48	16.00						2												2	205.2									VW-285		146	
31.295 SB	ENTERING TOWN OF WESTMINSTER	1	36	24	6.00						2					X		2																		E-131
31.257 SB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
31.119 SB	Saxtons River	1	48	28	9.33						2					X		2																		147	
31.114 SB		1	12	36	3.00						1					X		1																	OM-3R		
31.105 SB MED		1	12	36	3.00						1					X		1																	OM-3L		
30.739 SB MED		1	36	36	9.00						2					X		2																	R3-4		
30.696 SB MED		1	36	36	9.00						2					X		2																	R3-4		
29.627 SB	EXIT 5	1	96	30	20.00																															143	
	TO 5 123 Westminster Walpole NH 1 MILE	1	204	144		204.00					2																		2		805	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 33.9 kips		143	
29.210 SB	EXIT 5	1	96	30	20.00																															143	
	TO 5 123 Westminster Walpole NH ½ MILE	1	204	144		204.00																														143	
	NEXT EXIT 12 MILES	1	150	24		25.00					2																		2		1124	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 31.2 kips Special Provision Footing (2); See Sht 3	E2-1P		
29.063 SB MED		1	36	36	9.00						2					X		2																	R3-4		
29.060 SB	NEXT RIGHT	1	144	144		144.00					2																		2		733	W8X18		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19.9 kips Special Provision Footing (2); See Sht 3		142	
											FT	FT	FT	FT	FT 185.9	FT	EA.	LB	LB	LB	EA.	LB 410.4	LB	LB	LB	EA.	EA.	LB							
	SUBTOTALS SHEET 20	SF 120.33	SF 577.00	EA.	SF						FT				FT 185.9			LB			EA. 4	LB 410.4				EA. 6	EA.	LB 2662							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb**
PROJECT LEADER: **C. GREGORY**
DESIGNED BY: **J. SMITH**
TRAFFIC SIGN SUMMARY SHEET 20

PLOT DATE: **4/16/2014**
DRAWN BY: **J. SMITH**
CHECKED BY: **D. MUNRO**
SHEET **77** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
28.910 SB	EXIT 5	1	96	30	20.00																															143	
	TO 5 123 Westminster Walpole NH	1	204	120		170.00					2																	2		828	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		143	
28.840 SB	EXIT 35 MPH	1	48	60	20.00						2												2	220.4										W13-3		
28.733 SB		1	18	18	2.25						1				X			1																OM1-1		
28.725 SB	EXIT 5	1	78	60		32.50					2												2	182.4										E5-1a		
28.626 SB		1	12	36	3.00						1					X		1																OM-3R		
28.626 SB MED		1	12	36	3.00						1					X		1																OM-3L		
28.564 SB		1	48	48	16.00						2												2	205.2										W4-1R		
28.510 SB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
28.376 SB MED		1	36	36	9.00						2					X		2																R3-4		
28.363 SB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2												2	190.0										R8-7		
28.268 SB	SOUTH	1	36	18	4.50																													(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91	1	36	36	9.00																														M1-1		
	HIGH OCCUPANCY INTERSTATE SYSTEM	1	36	36	9.00						1												1		144.0										M1-10		
28.173 SB	SPEED LIMIT 65	1	48	60	20.00																														R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0												E-142
												FT	FT	FT	FT 9.5	FT 88.0	FT		EA.	LB	LB	LB		LB 798.0	LB 459.0	LB	LB									
	SUBTOTALS SHEET 21	SF 150.50			SF 202.50		EA.	SF				FT			FT 97.5					LB			EA. 11	LB 1257.0				EA. 2	EA.	LB 828						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb**
PROJECT LEADER: **C. GREGORY**
DESIGNED BY: **J. SMITH**
TRAFFIC SIGN SUMMARY SHEET 21

PLOT DATE: **4/16/2014**
DRAWN BY: **J. SMITH**
CHECKED BY: **D. MUNRO**
SHEET **78** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
27.888 SB	Putney 11 Brattleboro 20	1	120	36		30.00					2												2	237.2								THINNING AND TRIMMING		143	
27.632 SB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
27.632 SB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
26.365 SB MED		1	36	36	9.00						2					X		2															R3-4		
24.845 SB	PARKING AREA 1 MILE	1	150	60		62.50					2												2			300.3						THINNING AND TRIMMING		141	
24.486 SB MED		1	36	36	9.00						2					X		2															R3-4		
24.160 SB	PARKING AREA NEXT RIGHT	1	150	60		62.50					2												2				408.8					THINNING AND TRIMMING		141	
23.844 SB		1	18	18	2.25						1				X			1															OM1-1		
23.841 SB	PARKING AREA	1	90	78		48.75																												141	
	WRONG WAY	1	42	30	8.75						2												2			291.6						BACK TO BACK	R5-1a		
23.800 SB		1	48	48	16.00						2												2	205.2									W4-1R		
23.757 SB MED	ONE WAY	1	54	18	6.75						2					X		2															R6-1R		
23.550 SB	ENTERING TOWN OF PUTNEY	1	36	24	6.00						2					X		2																	E-131
23.020 SB MED		1	36	36	9.00						2					X		2															R3-4		
23.005 SB	WEIGH STATION 1 MILE	1	96	72		48.00					2												2		242.1							THINNING AND TRIMMING		141	
22.709 SB	ALL TRUCKS NEXT RIGHT	1	114	48		38.00																											THINNING & TRIMMING		141	
	WHEN FLASHING	1	114	30		23.75					2												2				436.6							141	
												FT	FT	FT	FT	FT	FT	EA.		LB	LB	LB		LB	LB	LB	LB									
															9.5	158.8								883.2	242.1	591.9	845.4									
SUBTOTALS SHEET 22		SF	SF	EA.	SF							FT			FT					LB			EA.	LB				EA.	EA.	LB					
		106.75	313.50												168.3								18	2562.6											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD.
POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/15/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 22 SHEET **79** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 23

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	FND-ATION	TUBULAR STEEL DIA (in) 3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
22.324 SB	WEIGH STATION NEXT RIGHT	1	108	60		45.00					2												2		225.9								THINNING AND TRIMMING		141	
22.179 SB	RAMP 30 MPH	1	48	60	20.00						2												2	220.4									W13-3		
22.016 SB		1	18	18	2.25						1				X			1															OM1-1		
22.012 SB	WEIGH STATION	1	84	78		45.50					2												2	205.2										141	
21.950 SB		1	48	48	16.00						2												2	205.2									W4-1R		
21.898 SB MED	ONE WAY	1	54	18	6.75						2					X		2															R6-1R		
21.460 SB	BRIDGE ICES BEYOND ROAD	1	48	48	16.00						2												2	205.2									W8-13		
21.342 SB		1	12	36	3.00						1					X		1															OM-3R		
21.342 SB MED		1	12	36	3.00						1					X		1															OM-3L		
20.662 SB MED		1	36	36	9.00						2					X		2															R3-4		
20.000 SB	BRIDGE ICES BEYOND ROAD	1	48	48	16.00						2												2	205.2									W8-13		
19.720 SB MED		1	12	36	3.00						1					X		1															OM-3L		
19.715 SB		1	12	36	3.00						1					X		1															OM-3R		
19.114 SB	EXIT 4	1	96	30	20.00																														139	
	5 Putney 1 MILE	1	120	120		100.00					2																	2		576	W6X15		Fuse-Plate Bolt Tension 22.6 kips		140	
18.750 SB	Landmark College EXIT 4	1	132	84		77.00					2																	2		372	W6X12		THINNING AND TRIMMING Fuse-Plate Bolt Tension 12 kips Special Provision Footing (2); See Sht 3		140	
												FT	FT	FT	FT 9.4	FT 113.4	FT		EA.	LB	LB	LB		LB 1041.2	LB 225.9	LB	LB								
SUBTOTALS SHEET 23		SF 118.00	SF 267.50	EA.	SF							FT			FT 122.8					LB			EA. 12	LB 1267.1				EA. 4	EA.	LB 948					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 23 SHEET **80** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 24

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
18.665 SB	BRIDGE ICES BEFORE ROAD	1	48	48	16.00						2												2	205.2										W8-13		
18.570 SB	EXIT 4	1	96	30	20.00																														139	
	5 Putney ½ MILE	1	120	120		100.00																													140	
	NEXT EXIT 7 MILES	1	78	36	19.50						2																	2		819	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3	E2-1aP		
18.488 SB		1	12	36	3.00						1				X			1																OM-3R		
18.488 SB MED		1	12	36	3.00						1				X			1																OM-3L		
18.365 SB MED		1	36	36	9.00						2					X		2																R3-4		
18.323 SB	NEXT RIGHT	1	144	144		144.00					2																	2		733	W8X18		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19.9 kips Special Provision Footing (2); See Sht 3		140	
18.161 SB	EXIT 4	1	96	30	20.00																														139	
	5 Putney	1	162	96		108.00					2																	2		503	W6X15		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19.6 kips Special Provision Footing (2); See Sht 3		140	
18.140 SB	ENTERING TOWN OF DUMMERSTON	1	36	24	6.00						2					X		2																		E-131
18.118 SB	EXIT 25 MPH	1	48	60	20.00						2												2	220.4										W13-3		
17.973 SB		1	18	18	2.25						1				X			1																OM1-1		
17.964 SB	EXIT 4	1	78	60		32.50					2												2	182.4										E5-1a		
17.923 SB		1	48	48	16.00						2												2	205.2										W4-1R		
17.879 SB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
												FT	FT	FT	FT 34.9	FT 93.6	FT		EA.	LB	LB	LB		LB 813.2	LB	LB	LB									
	SUBTOTALS SHEET 24	SF 141.50			SF 384.50		EA.	SF				FT			FT 128.5					LB			EA. 8	LB 813.2				EA. 6	EA.	LB 2055						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb**
PROJECT LEADER: **C. GREGORY**
DESIGNED BY: **J. SMITH**
TRAFFIC SIGN SUMMARY SHEET 24

PLOT DATE: **4/15/2014**
DRAWN BY: **J. SMITH**
CHECKED BY: **D. MUNRO**
SHEET **81** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 25

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
17.671 SB		1	48	36	12.00						2												2	190.0											R8-7		
17.585 SB		1	36	18	4.50																													(INTERSTATE) WHITE ON BLUE	M3-3		
		1	36	36	9.00																														M1-1		
		1	36	36	9.00						1												1		144.0										M1-10		
17.490 SB		1	48	60	20.00																														R2-1		
		1	48	48	16.00						2												2		315.0											E-142
17.230 SB		1	120	36		30.00					2												2	171.8										THINNING AND TRIMMING		140	
17.045 SB		1	48	48	16.00						2												2	205.2											W1-2L		
17.045 SB MED		1	48	48	16.00						2												2	205.2											W1-2L		
16.900 SB		1	48	60	20.00						2												2	220.4												146	
16.900 SB MED		1	48	60	20.00						2												2	220.4												146	
16.140 SB MED		1	36	36	9.00						2					X		2																	R3-4		
14.268 SB MED		1	36	36	9.00						2					X		2																	R3-4		
14.100 SB		1	48	48	16.00						2												2	205.2												134	
13.255 SB		1	228	120		190.00					2																		2		794	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		139	
I6.600	DAMAGED MM POST	I									I					X		I																			
I7.52, I6.45, I5.55, I4.5I, I4.65	BRIDGE PLAQUES	5																																			
												FT	FT	FT	FT	FT 65.2	FT	EA.	LB	LB	LB		LB 1418.2	LB 459.0	LB	LB									
SUBTOTALS SHEET 25			SF 176.50	SF 220.00	EA.	SF						FT			FT 65.2					LB			EA. 17	LB 1877.2				EA. 2	EA.	LB 794						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 25 SHEET **82** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 26

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
12.920 SB	EXIT 3	1	96	30	20.00																														139	
	5 9 EAST Brattleboro Keene NH 1 MILE	1	186	144		186.00					2																	2		992	W8X21		Fuse-Plate Bolt Tension 32.1 kips		138	
12.798 SB	World Learning SIT Grad Inst EXIT 3	1	198	84		115.50					2																	2		483	W6X15		THINNING & TRIMMING Fuse-Plate Bolt Tension 19 kips Special Provision Footing (2); See Sht 3		139	
12.745 SB	ENTERING TOWN OF BRATTLEBORO	1	36	24	6.00						2					X		2																	E-131
12.578 SB	9 WEST USE EXIT 2	1	120	72		60.00					2												2				436.6						THINNING AND TRIMMING		139	
12.271 SB	EXIT 3	1	96	30	20.00																												THINNING & TRIMMING		139	
	5 9 EAST Brattleboro Keene NH ½ MILE	1	186	144		186.00					2																	2		798	W8X21		Fuse-Plate Bolt Tension 31.1 kips		138	
12.150 SB	EXIT 3 BRIDGE HEIGHT 13'-9" USE EXIT 2	1	138	102		97.75					2																	2		406	W6X12		~~THINNING AND TRIMMING~~ Fuse-Plate Bolt Tension 13.1 kips Special Provision Footing (2); See Sht 3		139	
12.025 SB	NEXT RIGHT	1	144	144		144.00					2																	2		693	W8X18		~~THINNING AND TRIMMING~~ Fuse-Plate Bolt Tension 19.9 kips		138	
11.913 SB MED		1	36	36	9.00						2					X		2																R3-4		
~~11.882 SB~~	EXIT 35 MPH	~~1~~	~~48~~	~~60~~	~~20.00~~						~~2~~												~~2~~	~~286.8~~									BRATTLEBORO (65) PROJECT LIMITS	~~W13-3~~		
~~11.840 SB~~	EXIT 3	~~1~~	~~96~~	~~30~~	~~20.00~~																														139	
	5 9 EAST Brattleboro Keene NH	~~1~~	~~216~~	~~120~~		~~180.00~~					~~2~~																	~~2~~		~~788~~	~~W8X21~~		~~THINNING AND TRIMMING~~ ~~Fuse-Plate Bolt Tension 28 kips~~ ~~Special Provision Footing (2); See Sht 3~~		138	
11.715 SB		1	18	18	2.25						1				X			1																OM1-1		
~~11.713 SB~~	EXIT 3	~~1~~	~~78~~	~~60~~		~~32.50~~					~~2~~												~~2~~	~~182.4~~										~~E5-1a~~		
11.880	BRIDGE PLAQUES						1																														
												FT	FT	FT	FT 9.5	FT 63.6	FT		EA.	LB	LB	LB		LB 389.2	LB	LB	LB 436.6									
	SUBTOTALS SHEET 26	SF 97.25	SF ######	EA.	SF							FT			FT 73.1					LB			EA. 6	LB 825.8				EA. 12	EA.	LB 4160						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssml.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 26

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 83 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 27

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
~~11.650 SB~~		~~1~~	~~48~~	~~48~~	~~16.00~~						~~2~~													~~2~~	~~265.2~~										~~W4-1R~~		
~~11.697 SB MED~~		~~1~~	~~54~~	~~18~~	~~6.75~~						~~2~~					~~X~~		~~2~~																	~~R6-1R~~		
~~11.388 SB~~		~~1~~	~~48~~	~~36~~	~~12.00~~						~~2~~													~~2~~	~~190.0~~										~~R8-7~~		
~~11.312 SB~~		~~1~~	~~36~~	~~18~~	~~4.50~~																												~~(INTERSTATE) WHITE ON BLUE~~	~~M3-3~~		
		~~1~~	~~36~~	~~36~~	~~9.00~~																													~~M1-1~~		
		~~1~~	~~36~~	~~36~~	~~9.00~~						~~1~~													~~1~~		~~144.0~~									~~M1-10~~		
11.212 SB MED		1	36	36	9.00						2					X		2																	R3-4		
~~11.200 SB~~		~~1~~	~~48~~	~~60~~	~~20.00~~																													~~R2-1~~		
		~~1~~	~~48~~	~~48~~	~~16.00~~						~~2~~													~~2~~		~~315.0~~											~~E-142~~
~~11.020 SB~~		~~1~~	~~48~~	~~48~~	~~16.00~~																														~~146~~		
		~~1~~	~~30~~	~~24~~	~~5.00~~						~~2~~													~~2~~	~~205.2~~											~~146~~		
~~10.927 SB~~		~~1~~	~~48~~	~~60~~	~~20.00~~						~~2~~													~~2~~	~~220.4~~											~~146~~		
~~10.927 SB MED~~		~~1~~	~~48~~	~~60~~	~~20.00~~						~~2~~													~~2~~	~~220.4~~											~~146~~		
~~10.932 SB~~		~~1~~	~~48~~	~~48~~	~~16.00~~						~~2~~													~~2~~	~~205.2~~										~~W8-13~~		
~~10.676 SB MED~~		~~1~~	~~36~~	~~28~~	~~7.00~~						~~2~~					~~X~~		~~2~~																		~~147~~		
											FT	FT	FT		FT 94.3	FT		EA.		LB	LB	LB		LB 1246.4	LB 459.0	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".	SUBTOTALS SHEET 27	SF 186.25	SF	EA.	SF						FT				FT 94.3					LB			EA. 15	LB 1705.4				EA.	EA.	LB						

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 27 SHEET **84** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 28

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

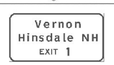
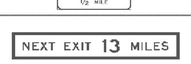
MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0	4.0Mod 1.7	1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
~~10.671 SB~~		~~1~~	~~12~~	~~36~~	~~3.00~~						~~1~~					~~X~~		~~1~~																		~~OM-3R~~		
~~10.671 SB MED~~		~~1~~	~~12~~	~~36~~	~~3.00~~						~~1~~					~~X~~		~~1~~																		~~OM-3L~~		
~~10.200 SB~~	~~EXIT 2~~	~~1~~	~~96~~	~~30~~	~~20.00~~																																~~137~~
	~~Brattleboro Bennington 1 MILE~~	~~1~~	~~186~~	~~144~~		~~186.00~~					~~2~~																		~~2~~		~~969~~	~~W8X21~~		BRATTLEBORO Fuse-Plate Bolt Tension 31.9 kips PROJECT LIMITS		~~137~~	
10.033 SB	Marlboro College Wilmington EXIT 2	1	222	84		129.50					2																		2		340	W6X12		Fuse-Plate Bolt Tension 14.9 kips		138	
9.883 SB	TO 91 Manchester EXIT 2	1	156	96		104.00					2																		2		509	W6X15		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19 kips Special Provision Footing (2): See Sht 3		137	
9.720 SB	EXIT 2	1	96	30	20.00																																
	Brattleboro Bennington ½ MILE	1	186	144		186.00					2																		2		1269	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips		137	
9.583 SB	NEXT RIGHT	1	144	144		144.00					2																		2		755	W8X18		THINNING AND TRIMMING Fuse-Plate Bolt Tension 20 kips Special Provision Footing ~~(2)~~ 1: See Sht 3		137	
9.452 SB MED		1	36	36	9.00						2					X		2																	R3-4		
9.255 SB	EXIT 2	1	96	30	20.00																																137
	Brattleboro Bennington	1	186	156		201.50					2																		2		977	W10X22		THINNING & TRIMMING Fuse-Plate Bolt Tension 29.3 kips		137	
9.250 SB	EXIT 40 MPH	1	48	60	20.00						2														2	220.4									W13-3		
9.149 SB		1	18	18	2.25						1				X			1																	OM1-1		
9.145 SB	EXIT 2	1	78	60		32.50					2														2	182.4									E5-1a		
											FT	FT	FT		FT 9.5	FT 58.0	FT		EA.	LB	LB	LB			LB 402.8	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 28	SF 97.25	SF 983.50	EA.	SF						FT				FT 67.5					LB			EA. 4		LB 402.8				EA. 12	EA.	LB 4819					

PROJECT NAME:	GUILFORD-ROCKINGHAM		
PROJECT NUMBER:	IMG SIGN(44)		
FILE NAME:	z12A528tssml.xlsb	PLOT DATE:	4/16/2014
PROJECT LEADER:	C. GREGORY	DRAWN BY:	J. SMITH
DESIGNED BY:	J. SMITH	CHECKED BY:	D. MUNRO
TRAFFIC SIGN SUMMARY SHEET 28		SHEET 85	OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 29

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
9.084 SB		1	48	48	16.00						2												2	205.2										W4-1R		
9.000 SB MED		1	54	18	6.75						2					X		2																R6-1R		
8.860 SB		1	96	30	20.00																														136	
		1	186	144		186.00					2																	2		801	W8X21		THINNING & TRIMMING Fuse-Plate Bolt Tension 31.1 kips		136	
8.811 SB		1	36	18	4.50																													(INTERSTATE) WHITE ON BLUE	M3-3		
		1	36	36	9.00																														M1-1		
		1	36	36	9.00						1												1		144.0										M1-10		
8.788 SB MED		1	36	36	9.00						2					X		2																	R3-4		
8.748 SB		1	48	48	16.00						2												2	205.2										W8-13		
8.650 SB		1	162	84		94.50					2																	2		527	W6X15		THINNING AND TRIMMING Fuse-Plate Bolt Tension 19 kips Special Provision Footing (2); See Sht 3		136	
~~8.515~~ ~~8.530~~ SB		1	48	60	20.00																														R2-1		
		1	48	48	16.00						2												2		315.0												E-142
8.450 SB		1	96	30	20.00																														136	
		1	186	144		186.00																													136	
		1	150	24		25.00					2																	2		1173	W10X26		THINNING AND TRIMMING Fuse-Plate Bolt Tension 29.2 kips Special Provision Footing (2); See Sht 3	E2-1P		
												FT	FT	FT	FT	FT 62.6	FT	EA.	LB	LB	LB		LB 410.4	LB 459.0	LB	LB								
SUBTOTALS SHEET 29		SF 146.25	SF 491.50	EA.	SF							FT			FT 62.6				LB			EA. 7	LB 869.4				EA. 6	EA.	LB 2501					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 29 SHEET **86** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 30

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0		24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6										
8.050 SB		1	144	144		144.00					2																	2		711	W8X18		Fuse-Plate Bolt Tension 19.9 kips		136	
7.978 SB MED		1	36	36	9.00						2					X		2																R3-4		
7.870 SB	EXIT 1	1	96	30	20.00																															136	
	5 TO 91 Brattleboro Guilford	1	186	132		170.50					2																	2		880	W8X21		THINNING AND TRIMMING Fuse-Plate Bolt Tension 28 kips Special Provision Footing (2); See Sht 3		136	
7.784 SB	EXIT 25 MPH	1	48	60	20.00						2												2	220.4										W13-3		
7.592 SB		1	18	18	2.25						1				X			1																OM1-1		
7.590 SB	EXIT 1	1	78	60		32.50					2												2	182.4										E5-1a		
7.552 SB		1	48	48	16.00						2												2	205.2										W4-1R		
7.524 SB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
7.497 SB MED		1	12	36	3.00						1					X		1																OM-3L		
7.490 SB		1	12	36	3.00						1					X		1																OM-3R		
7.350 SB		1	48	48	16.00						2												2	205.2										W4-1R		
7.244 SB MED	ONE WAY	1	54	18	6.75						2					X		2																R6-1R		
6.921 SB	EMERGENCY STOPPING ONLY	1	48	36	12.00						2												2	190.0										R8-7		
											FT	FT	FT	FT	9.5	FT 118.0	FT		EA.	LB	LB	LB		LB 1003.2	LB	LB	LB									
SUBTOTALS SHEET 30		SF 114.75			SF 347.00		EA.	SF			FT			FT 127.5						LB			EA. 10	LB 1003.2				EA. 4	EA.	LB 1591						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 30 SHEET **87** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 31

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
											NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			TUBULAR STEEL DIA (in) lb/ft					W-SHAPE STEEL FTG. SIZE				SIGN FRAME			
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod	FND-ATION	3.0	3.5	4.0	5.0	24"	30"	WEIGHT	POST SIZE			SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
6.845 SB	SOUTH	1	36	18	4.50																											(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91	1	36	36	9.00																												M1-1		
	GREENFIELD 19 SPRINGFIELD 57	1	36	36	9.00						1												1		144.0								M1-10		
6.751 SB	SPEED LIMIT 65	1	48	60	20.00																												R2-1		
	MINIMUM 40	1	48	48	16.00						2												2		315.0										E-142
6.655 SB	ENTERING TOWN OF GUILFORD	1	36	24	6.00						2					X		2																	E-131
6.621 SB MED		1	36	36	9.00						2					X		2															R3-4		
6.465 SB	MOOSE	1	48	48	16.00																													146	
	STAY ALERT	1	30	24	5.00						2												2	205.2										146	
6.370 SB	EMERGENCY VEHICLE ENTRANCE	1	48	48	16.00																													146	
	3000 FEET	1	24	18	3.00						2												2	228.0									W16-2P		
6.270 SB	Bernardston MA 12 Greenfield MA 19 Springfield MA 57	1	150	48		50.00					2												2			294.9								136	
6.170 SB	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
6.170 SB MED	KEEP RIGHT EXCEPT TO PASS	1	48	60	20.00						2												2	220.4										146	
6.029 SB		1	12	36	3.00						1					X		1															OM-3R		
6.028 SB MED		1	12	36	3.00						1					X		1															OM-3L		
												FT	FT	FT	FT	FT 89.0	FT	EA.		LB	LB	LB		LB 874.0	LB 459.0	LB 294.9	LB								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

SUBTOTALS SHEET 31	SF	SF	EA.	SF		FT	FT	LB	EA.	LB	EA.	EA.	LB
	159.50	50.00					89.0		13	1627.9			

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb**
PROJECT LEADER: **C. GREGORY**
DESIGNED BY: **J. SMITH**
TRAFFIC SIGN SUMMARY SHEET 31

PLOT DATE: **4/15/2014**
DRAWN BY: **J. SMITH**
CHECKED BY: **D. MUNRO**
SHEET **88** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 32

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
5.839 SB MED		1	36	36	9.00						2					X		2																R3-4		
5.555 SB MED		1	36	36	9.00						2					X		2																R3-4		
5.072 SB	ENTERING TOWN OF VERNON	1	36	24	6.00						2					X		2																		E-131
4.190 SB MED		1	36	36	9.00						2					X		2																R3-4		
2.344 SB	ENTERING TOWN OF GUILFORD	1	36	24	6.00						2					X		2																		E-131
1.951 SB MED		1	36	36	9.00						2					X		2																R3-4		
1.141 SB	PARKING AREA 2 MILES	1	150	60		62.50					2												2				487.7						THINNING AND TRIMMING		135	
0.247 SB	TRUCK CROSSING ½ MILE	1	48	48	16.00																														147	
	OFFICIAL USE ONLY	1	24	18	3.00						2												2	228.0											147	
0.115 SB MED		1	36	36	9.00						2					X		2																R3-4		
0.013 SB MED		1	36	36	9.00						2					X		2																R3-4		
36.000-0.000 SB	BRIDGE XX I-91	24	6	10	10.08						24				X			24																NOT SHOWN ON LAYOUTS See location chart on sign detail sheet 16		149	
36.000-0.000 SB	RAMP X 0.000 000.00	17	6	8	5.61						17				X			17																NOT SHOWN ON LAYOUTS See location chart on sign detail sheet 16		149	
												FT	FT	FT	FT	FT	FT		EA.	LB	LB	LB		LB	LB	LB	LB									
															549.4	257.6								228.0			487.7									
	SUBTOTALS SHEET 32	SF	SF	EA.	SF							FT			FT					LB			EA.	LB				EA.	EA.	LB						
		100.69	62.50												807.0								4	715.7												

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssml.xlsb**
PROJECT LEADER: **C. GREGORY**
DESIGNED BY: **J. SMITH**
TRAFFIC SIGN SUMMARY SHEET 32

PLOT DATE: **4/15/2014**
DRAWN BY: **J. SMITH**
CHECKED BY: **D. MUNRO**
SHEET **89** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 33

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 0.040 RAMP A RT	PROHIBITED TRUCKS OVER 10 TONS GROSS WEIGHT EXCEPT FOR DELIVERY PURPOSES TRACTOR TRAILER COMBINATIONS FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												THINNING & TRIMMING			E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	206.8											E-142
0.200 RAMP A RT		1	30	30	6.25						1					X		1																R3-2		
0.034 RAMP B LT		1	48	24	8.00						2					X		2																FLUORESCENT YELLOW TYPE IX SHEETING	W1-6		
0.041-0.056 LT RAMP B		3	24	30	15.00						3					X		3																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.085-0.093 RT RAMP B		2	24	30	10.00						2					X		2																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.100 RAMP B RT		1	36	36	9.00						2					X		2																	W3-1		
0.108 RAMP B RT		1	24	30	5.00						1					X		1																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.124 RAMP B RT	NORTH TO SOUTH	1	24	12	2.00																													BLACK ON WHITE	M3-1		
		1	24	12	2.00																													GREEN ON WHITE	M4-5		
		1	24	12	2.00																													BLACK ON WHITE	M3-3		
	5 VERMONT 142 5	1	24	24	4.00																														M1-4		
		1	30	24	5.00																																E-136B
		1	24	24	4.00																														M1-4		
		1	21	15	2.19																													BLACK ON WHITE	M6-1		
		1	21	15	2.19						2												2	195.4								#3C	GREEN ON WHITE	M6-1		
		1	21	15	2.19																													BLACK ON WHITE	M6-2		
0.162 RAMP B RT	Brattleboro 2 Vernon 8	1	72	12	6.00																															148	
		1	72	12	6.00																															148	
	Hinsdale NH 8 Guilford 1	1	72	12	6.00						2												2	206.8											148	
		1	72	12	6.00																															148	
0.200 RAMP B RT	SERVICES 1 HOSPITAL 2 CAMPING	1	72	10	5.00																													THINNING & TRIMMING		148	
		1	72	10	5.00																															148	
		1	72	10	5.00																															148	
	WRONG WAY	1	36	24	6.00						2												2	168.8										BACK TO BACK	R5-1a		
0.200 RAMP B LT	WRONG WAY	1	36	24	6.00						2					X		2																	R5-1a		
												FT	FT	FT	FT	FT 187.3	FT	EA.		LB	LB	LB		LB 777.8	LB	LB	LB									
SUBTOTALS SHEET 33		SF 147.82	SF	EA.	SF							FT			FT 187.3					LB			EA. 8	LB 777.8				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 33

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 90 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 34

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 0.224 RAMP B RT		1	18	18	2.25						1				X			1																OM1-1		
0.228 RAMP B LT	NORTH TO SOUTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																												BLACK ON WHITE GREEN ON WHITE BLACK ON WHITE	M3-1 M4-5 M3-3		
	5 VERMONT 142 5	1 1 1	24 30 24	24 24 24	4.00 5.00 4.00																													M1-4 M1-4		E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2												2	195.4							#3C	BLACK ON WHITE GREEN ON WHITE BLACK ON WHITE	M6-1 M6-1 M6-2		
0.245 RAMP B LT	YIELD DO NOT ENTER	1 1	 30	 30	3.90 6.25																													36" X 36" X 36" BACK TO BACK R5-1	R1-2		
	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X		1																BACK TO BACK	R6-1L R6-1R		
0.245 RAMP B RT	YIELD DO NOT ENTER	1 1	 30	 30	3.90 6.25																													36" X 36" X 36" BACK TO BACK R5-1	R1-2		
	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X		1																BACK TO BACK	R6-1L R6-1R		
0.032 RAMP C LT	STOP DO NOT ENTER	1 1	30 30	30 30	6.25 6.25																													BACK TO BACK	R1-1 R5-1		
	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X		1																BACK TO BACK	R6-1L R6-1R		
0.032 RAMP C RT	STOP DO NOT ENTER	1 1	30 30	30 30	6.25 6.25																													BACK TO BACK	R1-1 R5-1		
	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X		1																BACK TO BACK	R6-1L R6-1R		
												FT	FT	FT	FT 9.5	FT 60.4	FT		EA.	LB	LB	LB		LB 195.4	LB	LB	LB									
		SUBTOTALS SHEET 34	SF 97.12	SF	EA.	SF						FT			FT 69.9					LB			EA. 2	LB 195.4				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 34 SHEET **91** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 35

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 0.032 RAMP D RT	PROHIBITED PEDESTRIANS BICYCLES SHOPPING CART MOTORCYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																															E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6											E-142
0.041-0.071 LT RAMP D		5	24	30	25.00						5					X		5															FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.132 RAMP D RT	20 MPH	1 1	36 18	36 18	9.00 2.25						2					X		2																W1-11 W13-1		
0.166-0.226 LT RAMP D		5	24	30	25.00						5					X		5															FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.236 RAMP D RT		1	30	30	6.25						~~I 2~~					X		~~I 2~~															THINNING & TRIMMING	R3-2		
0.060 RAMP E RT		1	36	36	9.00						2					X		2																W3-1		
0.096 RAMP E RT	SOUTH NORTH TO	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																											BLACK ON WHITE BLACK ON WHITE GREEN ON WHITE	M3-3 M3-1 M4-5		
	5 5 VERMONT 142	1 1 1	24 24 30	24 24 24	4.00 4.00 5.00																											THINNING & TRIMMING	M1-4 M1-4		E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2												2	195.4									#3B	BLACK ON WHITE BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1 M6-1		
0.134 RAMP E RT	Guilford I Brattleboro 2	1 1	72 72	12 12	6.00 6.00																														148 148	
	Vernon 8 Hinsdale NH 8	1 1	72 72	12 12	6.00 6.00						2												2	206.8										THINNING & TRIMMING		148 148	
0.172 RAMP E RT	SERVICES HOSPITAL I CAMPING 2	1 1 1	72 72 72	10 10 10	5.00 5.00 5.00																														148 148 148	
	WRONG WAY	1	36	24	6.00						2												2	168.8										THINNING & TRIMMING BACK TO BACK	R5-1a		
											FT	FT	FT		FT	FT 232.6	FT	EA.		LB	LB	LB		LB 762.6	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 35	SF 165.07	SF	EA.	SF			FT			FT 232.6								LB			EA. 8	LB 762.6				EA.	EA.	LB						

PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME:	z12A528tssint.xlsb
PROJECT LEADER:	C. GREGORY
DESIGNED BY:	J. SMITH
TRAFFIC SIGN SUMMARY SHEET 35	
PLOT DATE:	4/16/2014
DRAWN BY:	J. SMITH
CHECKED BY:	D. MUNRO
SHEET	92 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 36

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5	ANCHOR lb/ft 1.88	2.42	3.35	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0	4.0	4.0Mod lb/ft 1.3	1.7	1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0	3.5	4.0	5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 0.172 RAMP E LT		1	36	24	6.00						2					X		2																							R5-1a		
0.212 RAMP E LT		1 1	30 30	30 30	6.25 6.25																																		BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1																						BACK TO BACK	R6-1L R6-1R		
0.216 RAMP E LT		1 1	30 30	30 30	6.25 6.25																																		BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1																						BACK TO BACK	R6-1L R6-1R		
0.217 RAMP E LT		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																																		BLACK ON WHITE BLACK ON WHITE GREEN ON WHITE	M3-3 M3-1 M4-5		
		1 1 1	24 24 30	24 24 24	4.00 4.00 5.00																																			M1-4 M1-4		E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2																													BLACK ON WHITE BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1 M6-1		
0.217 RAMP E RT		1 1	30 30	30 30	6.25 6.25																																		BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1																						BACK TO BACK	R6-1L R6-1R		
0.040-0.055 LT RAMP H		3	24	30	15.00						3					X		3																						FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.068 RAMP H LT		1			3.90						1					X		1																						36" X 36" X 36"	R1-2		
0.068 RAMP H RT		1			3.90						1					X		1																						36" X 36" X 36"	R1-2		
											FT	FT	FT	FT	FT 148.0	FT	EA.	LB	LB	LB		EA.	LB 180.2	LB	LB	LB															
		SUBTOTALS SHEET 36	SF 109.87	SF	EA.	SF			FT			FT 148.0			LB			EA. 2	LB 180.2				EA.	EA.	LB															

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 36 SHEET **93** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 37

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 0.820 RAMP H RT	PROHIBITED	1	36	36	9.00																															E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6											E-142
0.250 RAMP H RT		1	30	30	6.25						1					X		1																R3-2		
0.730 US 5 RT	Putney 11 White River Jct 64 Bernardston MA 12	1 1 1	72 72 72	12 12 12	6.00 6.00 6.00				2																									INSTALL ON EXIST. POSTS INSTALL ON EXIST. POSTS INSTALL ON EXIST. POSTS		148 148 148	
0.963 US 5 RT	Putney 11 White River Jct 64	1 1	72 72	12 12	6.00 6.00				2																									INSTALL ON EXIST. POSTS INSTALL ON EXIST. POSTS		148 148	
1.002 US 5 RT	Brattleboro 2 Vernon 8 Hinsdale NH 8	1 1 1	72 72 72	12 12 12	6.00 6.00 6.00				2																									INSTALL ON EXIST. POSTS INSTALL ON EXIST. POSTS INSTALL ON EXIST. POSTS		148 148 148	
1.025 US 5 RT	25	1	36	36	9.00						2					X		2																	W3-5		
1.077 US 5 LT	Putney 11 White River Jct 64	1 1	72 72	12 12	6.00 6.00						2												2	161.2											148 148	
1.044 US 5 LT	RAMP 20 MPH	1	24	30	5.00						I/2					X		I/2																	W13-3		
1.010 US 5 LT	NORTH	1	24	12	2.00																													(INTERSTATE) WHITE ON BLUE	M3-1	
	91	1	24	24	4.00																														M1-1	
		1	21	15	2.19						1						X	1																	(INTERSTATE) WHITE ON BLUE	M5-1	
0.975 US 5 LT	Guilford 1 Bernardston MA 12	1 1	72 72	12 12	6.00 6.00						2												2	161.2											148 148	
0.885 US 5 LT	RAMP 20 MPH	1	24	30	5.00						I/2					X		I/2																	W13-3		
	MILE MARKER PLAQUE						2																														
												FT	FT	FT	FT	FT 104.7	FT 15.9	EA.		LB	LB	LB		LB 514.0	LB	LB	LB								
	SUBTOTALS SHEET 37	SF 123.44	SF	EA.	SF							FT			FT 120.6					LB			EA. 6	LB 514.0				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

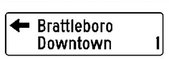
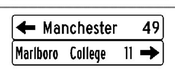
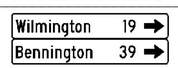
PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/15/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 37 SHEET **94** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 38

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #1 1.006 US 5 CL		1	24	30	5.00																													R4-7		
		1	18	18	2.25						1					X		1															BACK TO BACK	OM1-1		
		1	18	18	2.25																													OM1-1		
INT #2 0.015 RAMP AB RT		1			3.90						1					X		1															THINNING & TRIMMING 36"X36"X36"	R1-2		
0.054 RAMP AB RT		1	36	36	9.00																												THINNING & TRIMMING			E-142
		1	36	36	9.00						2												2	191.6											E-142
0.230 RAMP AB RT		1	36	36	9.00																												THINNING & TRIMMING	W1-2R		
		1	18	18	2.25						2					X		2																W13-1		
0.164 RAMP AB LT		1	36	36	9.00						2					X		2																W3-1		
0.127 RAMP AB LT		1	24	12	2.00																												GREEN ON WHITE	M3-2		
		1	24	12	2.00																												GREEN ON WHITE	M4-5		
		1	24	12	2.00																												GREEN ON WHITE	M3-4		
		1	24	24	4.00																															E-136B
		1	24	24	4.00																															E-136B
		1	24	24	4.00																															E-136B
		1	21	15	2.19																												GREEN ON WHITE	M6-1		
		1	21	15	2.19						2												2	180.2								#3A GREEN ON WHITE	M6-1		
		1	21	15	2.19																												GREEN ON WHITE	M6-1		
0.089 RAMP AB LT		1	72	20	10.00																														148	
		1	72	12	6.00																														148	
		1	72	12	6.00																														148	
		1	72	12	6.00						2												2	202.2										148	
		1	72	12	6.00																														148	
												FT	FT	FT	FT	FT 94.0	FT	EA.	LB	LB	LB		LB 574.0	LB	LB	LB								
SUBTOTALS SHEET 38		SF 110.22	SF	EA.	SF			FT			FT 94.0			LB	EA. 6		LB 574.0		EA.	EA.	LB													

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 38 SHEET **95** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 39

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5 lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0	4.0	4.0Mod lb/ft 1.3	1.7	1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0	3.5	4.0	5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #2 0.051 RAMP AB LT	GAS DIESEL 1	1 1	72 72	10 10	5.00 5.00																																				148 148	
	FOOD 3 LODGING 2	1 1	72 72	10 10	5.00 5.00																																				148 148	
	STATE POLICE 3	1	72	10	5.00																																				148	
	WRONG WAY	1	36	24	6.00						2															2	194.6												BACK TO BACK	R5-1a		
0.013 RAMP AB LT	STOP DO NOT ENTER	1 1	30 30	30 30	6.25 6.25																																		BACK TO BACK	R1-1 R5-1		
	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X			1																				BACK TO BACK	R6-1L R6-1R		
0.013 RAMP AB CL	STOP	1 1	30 24	30 30	6.25 5.00																																		BACK TO BACK	R1-1 R4-7		
		1 1	18 18	18 18	2.25 2.25						1					X			1	1																			BACK TO BACK	OM1-1 OM1-1		
0.071 RAMP AB CL		1	24	30	5.00																																				R4-7		
		1 1	18 18	18 18	2.25 2.25						1					X			1	1																			BACK TO BACK	OM1-1 OM1-1		
0.255 RAMP AB CL		1	24	30	5.00																																				R4-7		
		1 1	18 18	18 18	2.25 2.25						1					X			1	1																			BACK TO BACK	OM1-1 OM1-1		
0.013-0.043 RT RAMP A		3	24 ~~30~~	30 ~~36~~	15.00 ~~22.50~~						3					X			3																			FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.198 RAMP A RT		1	30	30	6.25						1					X			1																				R3-2		
											FT	FT	FT		FT	FT 118.1	FT		EA. 3		LB	LB	LB			LB 194.6	LB	LB	LB												
		SUBTOTALS SHEET 39	SF 113.00	SF	EA.	SF			FT		FT 118.1				LB			EA. 2	LB 194.6				EA.	EA.	LB																

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

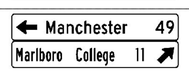
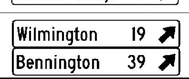
PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 39 SHEET **96** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 40

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #2 0.032 RAMP B RT		1	36	36	9.00																												THINNING & TRIMMING	W1-11		
		1	~~18~~ 24	~~18~~ 24	~~2.25~~ 4.00						2					X		2																W13-1		
0.044-0.119 LT RAMP B		6	24	30	30.00	I					6					X		6																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.137 RAMP B RT		1	36	36	9.00																													W6-3		
		1	36	24	6.00						2					X		2																BACK TO BACK	R5-1a		
0.047 RAMP CD RT		1	36	36	9.00																															E-142
		1	36	36	9.00						2												2	191.6												E-142
0.232 RAMP CD RT		1	36	36	9.00																													W1-11		
		1	18	18	2.25						2					X		2																W13-1		
0.162 RAMP CD LT		1	36	36	9.00						2					X		2																W3-1		
0.124 RAMP CD LT		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																												GREEN ON WHITE GREEN ON WHITE GREEN ON WHITE	M3-2 M4-5 M3-4		
		1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																														E-136B E-136B E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2												2	180.2										#3A	GREEN ON WHITE GREEN ON WHITE GREEN ON WHITE	M6-1 M6-1 M6-2		
0.086 RAMP CD LT		1	72	20	10.00																														148	
		1 1	72 72	12 12	6.00 6.00																														148 148	
		1 1	72 72	12 12	6.00 6.00						2												2	202.2												148 148	
												FT	FT	FT	FT	FT 213.8	FT	EA.		LB	LB	LB		LB 574.0	LB	LB	LB								
					SUBTOTALS SHEET 40	SF 154.82	SF	EA.	SF			FT			FT	213.8				LB			EA. 6	LB 574.0				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 40

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 97 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 41

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #2	GAS	1	72	10	5.00																															
0.048 RAMP CD LT	DIESEL 1	1	72	10	5.00																														148	
	FOOD 3	1	72	10	5.00																														148	
	LODGING 2	1	72	10	5.00																														148	
	STATE POLICE 3	1	72	10	5.00																														148	
	WRONG WAY	1	36	24	6.00						2												2	194.6									BACK TO BACK	R5-1a		
0.014 RAMP CD LT ISLAND		1	18	18	2.25						1				X			1																OM1-1		
0.011 RAMP CD LT	YIELD STOP	1	30	30	6.25 3.90						1					X		1																PAY BOTH YEILD & STOP SIGN QTY. 36"X36"X36"	R1-2		
0.010 RAMP CD LT ISLAND	STOP DO NOT ENTER	1	30	30	6.25																													BACK TO BACK	R1-1		
		1	30	30	6.25																														R5-1		
	ONE WAY ONE WAY	1	36	12	3.00						1					X		1																BACK TO BACK	R6-1L		
		1	36	12	3.00																														R6-1R		
0.012 RAMP CD CL	STOP	1	30	30	6.25																													BACK TO BACK	R1-1		
		1	24	30	5.00																														R4-7		
		1	18	18	2.25						1					X		1	1															BACK TO BACK	OM1-1		
		1	18	18	2.25																														OM1-1		
0.069 RAMP CD CL		1	24	30	5.00																														R4-7		
		1	18	18	2.25						1					X		1	1															BACK TO BACK	OM1-1		
		1	18	18	2.25																														OM1-1		
0.259 RAMP CD CL		1	24	30	5.00		1																												R4-7		
		1	18	18	2.25		3				1					X		1	1															BACK TO BACK	OM1-1		
		1	18	18	2.25																														OM1-1		
0.030-.091 LT RAMP C		5	24	30	25.00						5					X		5																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.108 RAMP C RT		1	30	30	6.25						2					X		2																	R3-2		
												FT	FT	FT	FT 9.5	FT 160.9	FT		EA. 3	LB	LB	LB		LB 194.6	LB	LB	LB									
SUBTOTALS SHEET 41		SF 121.65	SF	EA.	SF							FT			FT 170.4					LB			EA. 2	LB 194.6				EA.	EA.	LB					

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 41

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 98 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 42

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #2 0.132 RAMP D RT		1	36	36	9.00																													W1-2R		
	30 MPH	1	18	18	2.25						2					X		2																	W13-1		
0.187-0.202 RT RAMP D		2	24	30	10.00						2					X		2																THINNING & TRIMMING FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.217 RAMP D RT	WRONG WAY	1 1	36 36	36 24	9.00 6.00						2					X		2																THINNING & TRIMMING BACK TO BACK	W6-3 R5-1a		
INT #3 0.025 RAMP A RT	30 MPH	1 1	36 18	36 18	9.00 2.25						2					X		2																	W1-15 W13-1		
0.185-0.245 LT RAMP A		5	24	30	25.00						5					X		5																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.262 RAMP A RT		1	30	30	6.25						1					X		1																	R3-2		
	YIELD						I																											BRATTLEBORO (65) TEMP. T.C. SIGN			
0.108 RAMP B RT	30 MPH	1 1	36 18	36 18	9.00 2.25						2					X		2																	W1-2L W13-1		
0.152 - 0.167 RT RAMP B		2	24	30	10.00						2					X		2																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.182 RAMP B RT	13'-9"	1	36	36	9.00						2					X		2																	W12-2		
0.197 - 0.227 RT RAMP B		3	24	30	15.00						3					X		3																THINNING & TRIMMING FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.244 RAMP B RT	SPEED LIMIT 25	1	36	36	9.00						2					X		2																	W3-5		
0.288 RAMP B RT		1	36	36	9.00						2					X		2																	W4-3		
											FT	FT	FT		FT	FT 412.8	FT	EA.		LB	LB	LB		LB	LB	LB	LB									
		SUBTOTALS SHEET 42	SF 142.00	SF	EA.	SF					FT				FT 412.8					LB			EA.	LB				EA.	EA.	LB						

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PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

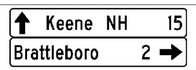
FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 42

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 99 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 43

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #3 0.090 RAMP C RT		1	36	36	9.00						2					X		2																	W3-5		
0.129 RAMP C RT		1	36	36	9.00																														W4-3		
		1	36	24	6.00						2					X		2																	BACK TO BACK	R5-1a		
0.129 RAMP C LT		1	36	24	6.00						2					X		2																		R5-1a		
0.174 RAMP C RT		1	30	36	7.50						1					X		1																		R2-1		
0.116 RAMP D RT		1	30	30	6.25						1					X		1																		R3-2		
0.034 BSH RT		1	30	36	7.50						1					X		1																		R2-1		
0.067 BSH RT		1 1	72 72	12 12	6.00 6.00																															148 148	
		1 1	72 72	12 10	6.00 5.00																															148 148	
		1 1	72 72	10 10	5.00 5.00						2													2		253.8										148 148	
0.106 BSH RT		1	36	36	9.00																														PAY 2 INSTALLATIONS FLUORESCENT YELLOW/ GREEN TYPE IX SHEETING	W11-2		
		1	24	12	2.00						1					X		1																		FLUORESCENT YELLOW TYPE IX SHEETING/ GREEN	W16-7		
0.113 BSH RT		1			3.90						1					X		1																		36" X 36" X 36"	R1-2		
											FT	FT	FT		FT 167.1	FT		EA.		LB	LB	LB		LB	LB 253.8	LB	LB									
		SUBTOTALS SHEET 43	SF 99.15	SF	EA.	SF			FT			FT 167.1								LB			EA. 2		LB 253.8			EA.	EA.	LB						

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

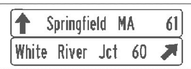
FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 43

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 100 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 44

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #3 0.111 BSH LT		1	36	36	9.00																												PAY 2 INSTALLATIONS FLUORESCENT YELLOW/ GREEN TYPE IX SHEETING	W11-2		
		1	24	12	2.00						1					X		1															FLUORESCENT YELLOW TYPE IX SHEETING/ GREEN	W16-7		
0.095 BSH LT		1	36	24	6.00						2					X		2																R5-1a		
0.082 BSH LT		1 1	72 72	12 12	6.00 6.00																														148 148	
		1 1	24 24	12 12	2.00 2.00																													(INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M3-3 M3-1		
		1 1	24 24	24 24	4.00 4.00																													THINNING & TRIMMING	M1-1 M1-1		
		1 1	21 21	15 15	2.19 2.19						2													2	210.6									(INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M6-3 M6-2		
0.060 BSH LT		1	36	36	9.00																																E-142
		1	36	36	9.00						2													2	191.6											E-142
0.048 BSH LT		1	18	18	2.25						1				X			1																OM1-1		
0.047 BSH LT		1	24	12	2.00																													(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	24	4.00																														M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M6-2		
0.020 BSH LT		1	36	36	9.00						2					X		2																W12-2		
0.090 BSH CL		1	36	12	3.00						2					X		2																R6-1R		
0.098 BSH CL		1	36	12	3.00						2					X		2																R6-1R		
0.118 BSH CL		1			3.90						1					X		1																36" X 36" X 36"	R1-2		
												FT	FT	FT	FT 9.5	FT 139.0	FT 15.9	EA.		LB	LB	LB		LB 402.2	LB	LB	LB								
		SUBTOTALS SHEET 44	SF 92.72	SF	EA.	SF						FT			FT 164.4					LB			EA. 4	LB 402.2				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

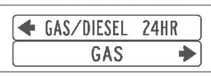
PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 44 SHEET **101** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 45

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4 0.036 RAMP A RT		1	36	36	9.00																																E-142
		1	36	36	9.00						2												2	191.6											E-142
0.042-0.065 LT RAMP A		4	24	30	20.00						4					X		4																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.090 RAMP A RT		1	30	30	6.25						1					X		1																	R3-2		
0.120 RAMP B RT		1	36	36	9.00						2					X		2																	W3-1		
0.128 RAMP B LT		1	48	24	8.00						2					X		2																FLUORESCENT YELLOW TYPE IX SHEETING	W1-6		
0.136-0.153 LT RAMP B		3	24	30	15.00						3					X		3																FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.145 RAMP B LT		1	36	24	6.00						2					X		2																	R5-1a		
0.150 RAMP B RT		1 1	24 24	12 12	2.00 2.00																													BLACK ON WHITE BLACK ON WHITE	M3-3 M3-1		
		1 1	24 24	24 24	4.00 4.00																														M1-4 M1-4		
		1 1	21 21	15 15	2.19 2.19						2												2	180.2									#2A	BLACK ON WHITE BLACK ON WHITE	M6-1 M6-1		
0.170 RAMP B RT		1 1	72 72	10 10	5.00 5.00																															148 148	
		1 1	72 72	10 10	5.00 5.00																															148 148	
		1 1	72 72	10 10	5.00 5.00																															148 148	
		1	36	24	6.00						2												2	179.4										BACK TO BACK	R5-1a		
												FT	FT	FT	FT	FT 201.4	FT	EA.		LB	LB	LB		LB 551.2	LB	LB	LB								
		SUBTOTALS SHEET 45	SF 134.63	SF	EA.	SF						FT			FT 201.4					LB			EA. 6	LB 551.2				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 45 SHEET **102** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 46

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	FND-ATION	TUBULAR STEEL DIA (in) 3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4		1	30	30	6.25																													R1-1		
0.179 RAMP B RT	STOP DO NOT ENTER	1	30	30	6.25																												BACK TO BACK	R5-1		
		1	36	12	3.00						1						X	1															R6-1L		
	ONE WAY ONE WAY	1	36	12	3.00																										BACK TO BACK	R6-1R		
		1	30	30	6.25																													R1-1		
0.181 RAMP B LT	STOP	1	24	30	5.00																										BACK TO BACK	R4-7		
		1	18	18	2.25						1					X		1	1														OM1-1		
		1	18	18	2.25																										BACK TO BACK	OM1-1		
0.075 RAMP C RT		1	36	36	9.00						2					X		2															W3-1		
0.112 RAMP C RT	Putney Landmark College	1	72	12	6.00																														148	
		1	72	12	6.00																														148	
	TO	1	24	12	2.00																										BLACK ON WHITE	M4-5		
	5	1	24	24	4.00																													M1-4		
		1	21	15	2.19						2												2	210.6								BLACK ON WHITE	M6-1		
0.150 RAMP C RT	GAS/DIESEL 24HR FOOD	1	72	10	5.00																														148	
		1	72	10	5.00																														148	
	LODGING INFORMATION	1	72	10	5.00																														148	
		1	72	10	5.00																														148	
	3 CAMPING	1	72	10	5.00																														148	
	WRONG WAY	1	36	24	6.00						2												2	179.4								BACK TO BACK	R5-1a		
0.150 RAMP C LT	WRONG WAY	1	36	24	6.00						2					X		2															R5-1a		
											FT	FT	FT		FT	FT 76.0	FT 15.1	EA. 1		LB	LB	LB		LB 390.0	LB	LB	LB									
		SUBTOTALS SHEET 46	SF 100.44	SF	EA.	SF			FT		FT 91.1				LB			EA. 4		LB 390.0				EA.	EA.	LB									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 46 SHEET **103** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 47

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4		1	30	30	6.25																													R1-1		
0.188 RAMP C LT	STOP / DO NOT ENTER	1	30	30	6.25																												BACK TO BACK	R5-1		
		1	36	12	3.00						1					X		1															R6-1L		
	ONE WAY / ONE WAY	1	36	12	3.00																												BACK TO BACK	R6-1R		
0.188 RAMP C RT	STOP / DO NOT ENTER	1	30	30	6.25																												BACK TO BACK	R1-1		
		1	30	30	6.25																													R5-1		
	ONE WAY / ONE WAY	1	36	12	3.00						1					X		1															BACK TO BACK	R6-1L		
		1	36	12	3.00																													R6-1R		
0.030 RAMP D RT	PROHIBITED PEDESTRIANS HITCHHIKERS SLOW MOVING VEHICLES ANIMALS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																												THINNING & TRIMMING			E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6											E-142
0.077 RAMP D RT		1	30	30	6.25						1					X		1																R3-2		
0.015 PSH RT	JCT	1	21	15	2.19																												(INTERSTATE) WHITE ON BLUE	M2-1		
	INTERSTATE 91	1	24	24	4.00						1					X		1																M1-1		
0.115 PSH RT	JCT	1	21	15	2.19																												BLACK ON WHITE	M2-1		
	5	1	24	24	4.00						1					X		1																M1-4		
0.222 PSH RT	Putney / Brattleboro 11	1	72	12	6.00						2												2	126.2											148	
		1	72	12	6.00																														148	
0.245 PSH RT	FOOD / GAS/DIESEL 24HR	1	72	10	5.00																														148	
		1	72	10	5.00																														148	
	3 CAMPING	1	72	10	5.00						2												2	184.0											148	
												FT	FT	FT	FT	FT 73.1	FT	EA.		LB	LB	LB		LB 501.8	LB	LB	LB								
SUBTOTALS SHEET 47		SF 100.63	SF	EA.	SF							FT			FT 73.1					LB			EA. 6	LB 501.8				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 47 SHEET **104** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 48

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4 0.268 PSH RT	TO	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M4-5		
	SOUTH SOUTH NORTH	1	24	12	2.00																												BLACK ON WHITE	M3-3		
		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
		1	24	12	2.00																												BLACK ON WHITE	M3-1		
	5 INTERSTATE 91 5	1	24	24	4.00																													M1-4		
		1	24	24	4.00																													M1-1		
		1	24	24	4.00																													M1-4		
		1	21	15	2.19																												BLACK ON WHITE	M6-1		
		1	21	15	2.19						2												2	195.4							#3A	(INTERSTATE) WHITE ON BLUE	M6-1		
		1	21	15	2.19																												BLACK ON WHITE	M6-3		
0.281 PSH RT	STOP	1	30	30	6.25		I				1					X		1																R1-1		
0.200 PSH LT	Bellows Falls 14 White River Jct 53	1	72	12	6.00						2												2	130.8										148		
		1	72	12	6.00																													148		
0.156 PSH LT	NORTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1															(INTERSTATE) WHITE ON BLUE	M5-1		
0.044 PSH RT SLIP RAMP	STOP DO NOT ENTER	1	30	30	6.25		I				1					X		1															BACK TO BACK	R1-1		
		1	30	30	6.25																													R5-1		
0.035 PSH LT SLIP RAMP	DO NOT ENTER	1	30	30	6.25						1					X		1																R5-1		
5.060 US 5 RT DUMMERSTON	JCT	1	21	15	2.19																												(INTERSTATE) WHITE ON BLUE	M2-1		
	INTERSTATE 91	1	24	24	4.00						1					X		1																M1-1		
												FT	FT	FT	FT	FT 57.2	FT 15.9	EA.		LB	LB	LB		LB 326.2	LB	LB	LB								
		SUBTOTALS SHEET 48	SF 77.95	SF	EA.	SF						FT			FT 73.1					LB			EA. 4	LB 326.2				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 48 SHEET **105** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 49

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	FND-ATION	TUBULAR STEEL DIA (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4 5.133 US 5 RT	Brattleboro 11 →	1	72	12	6.00						2					X		2																	148	
5.161 US 5 RT	SOUTH / SOUTH	1 1	24 24	12 12	2.00 2.00																												(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M3-3 M3-3		
	91 / 91	1 1	24 24	24 24	4.00 4.00																												BACK TO BACK	M1-1 M1-1		
	→ / ←	1 1	21 21	15 15	2.19 2.19						1						X	1																(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M6-1 M6-1		
5.292 US 5 RT	SPEED LIMIT 30	1	30	36	7.50						1					X		1																R2-1		
0.055 US 5 RT PUTNEY	Bellows Falls 14 ↱ White River Jct 53 ↱	1 1	72 72	12 12	6.00 6.00																														148 148	
	TO	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M4-5		
	NORTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
	91	1	24	24	4.00																													M1-1		
	↱	1	21	15	2.19						2												2	225.8									(INTERSTATE) WHITE ON BLUE	M5-1		
0.114 US 5 RT	Putney Westmnster 8	1	30	18	3.75						1					X		1																	146	
0.145 US 5 RT	TO / TO	1 1	24 24	12 12	2.00 2.00																												(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M4-5 M4-5		
	NORTH / NORTH	1 1	24 24	12 12	2.00 2.00																												(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M3-3 M3-3		
	91 / 91	1 1	24 24	24 24	4.00 4.00																												BACK TO BACK	M1-1 M1-1		
	→ / ←	1 1	21 21	15 15	2.19 2.19						1						X	1																(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M6-1 M6-1		
												FT	FT	FT	FT	FT 52.4	FT 32.8		EA.	LB	LB	LB		LB 225.8	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 49	SF 76.20	SF	EA.	SF			FT			FT 85.2			LB			EA. 2	LB 225.8				EA.	EA.	LB										

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 49 SHEET **106** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 50

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4 0.228 US 5 RT PUTNEY	NORTH	1	24	12	2.00																												BLACK ON WHITE	M3-3		
	5	1	24	24	4.00																													M1-4		
	CONNECTICUT RIVER BYWAY		21	24			1																													
	AMERICA'S BYWAYS	1	18	9	1.13						1						X	1																D6-4a		
	MILE MARKER PLAQUE						I																													
0.279 US 5 LT	JCT	1	21	15	2.19																												(INTERSTATE) WHITE ON BLUE	M2-1		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
	NO PARKING		24	30			1				1						X	1																R8-3a		
0.221 US 5 LT	Bellows Falls 14 White River Jct 53	1 1	72 72	12 12	6.00 6.00						2												2	130.8										148 148	
0.169 US 5 LT	TO	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M4-5		
	NORTH SOUTH	1 1	24 24	12 12	2.00 2.00																												(INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M3-1 M3-3		
	INTERSTATE 91 INTERSTATE 91	1 1	24 24	24 24	4.00 4.00																													M1-1 M1-1		
		1 1	21 21	15 15	2.19 2.19						2												2	190.2									#2A	(INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M6-1 M6-3		
												FT	FT	FT	FT	FT	FT 32.8	EA.		LB	LB	LB		LB 321.0	LB	LB	LB									
	SUBTOTALS SHEET 50		SF 43.70	SF	EA. 2	SF						FT			FT 32.8					LB			EA. 4	LB 321.0				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 50

PLOT DATE: 4/15/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 107 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 51

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
INT #4 0.119 US 5 LT PUTNEY		1	30	30	6.25						1					X		1																W11-8		
0.092 US 5 LT	SOUTH	1	24	12	2.00																												BLACK ON WHITE	M3-3		
	5	1	24	24	4.00						1					X		1																M1-4		
0.030 US 5 LT	SOUTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M5-1		
0.000 US 5 LT	SPEED LIMIT 40	1	24	30	5.00						1					X		1																R2-1		
5.220 US 5 LT DUMMERSTON	Brattleboro 11	1	72	12	6.00						2					X		2																	148	
5.182 US 5 LT	SOUTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M6-1		
5.180 US 5 LT	Putney Landmark College 1	1 1	72 72	12 12	6.00 6.00																														148 148	
	SOUTH NORTH	1 1	24 24	12 12	2.00 2.00																												BLACK ON WHITE BLACK ON WHITE	M3-3 M3-1		
	5 5	1 1	24 24	24 24	4.00 4.00																													M1-4 M1-4		
		1 1	21 21	15 15	2.19 2.19						2												2	195.4										BLACK ON WHITE BLACK ON WHITE	M6-1 M6-1		
											FT	FT	FT		FT	FT 68.0	FT 31.8		EA.	LB	LB	LB		LB 195.4	LB	LB	LB								
SUBTOTALS SHEET 51		SF 68.01	SF	EA.	SF				FT		FT 99.8				LB			EA. 2	LB 195.4				EA.	EA.	LB									

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

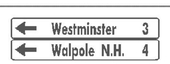
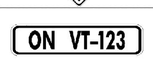
PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 51 SHEET **108** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 52

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #4 5.130 US 5 LT DUMMERSTON		1	24	12	2.00																												BLACK ON WHITE	M3-3		
		1	24	24	4.00																													M1-4		
			21	24			1																															
		1	18	9	1.13						1						X	1																D6-4a		
5.015 US 5 LT		1	24	30	5.00						1					X		1																R2-1		
INT #5 0.043 RAMP A RT		1	36	36	9.00																															E-142
		1	36	36	9.00						2													2	206.8										E-142
0.081 RAMP A RT		1	30	30	6.25						1						X		1																R3-2		
RAMP A	BRIDGE PLAQUE						I																														
0.120 RAMP B RT		1	36	36	9.00						2						X		2																W3-1		
0.148 RAMP B RT		1 1	24 24	12 12	2.00 2.00																												BLACK ON WHITE GREEN ON WHITE	M4-5 M4-5		
		1 1	24 30	24 24	4.00 5.00																												THINNING & TRIMMING	M1-4		E-136B
		1 1	21 21	15 15	2.19 2.19						2													2	195.4								#2B	BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1		
0.177 RAMP B RT			72 72	12 12			1 1				2						X		2																		
0.200 RAMP B LT		1	36	36	9.00																													W12-2		
		1	36	8	2.00						2						X		2																	146	
												FT	FT	FT	FT	FT 122.8	FT 16.9	EA.		LB	LB	LB		LB 402.2	LB	LB	LB								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".	SUBTOTALS SHEET 52	SF 73.76	SF	EA. 3	SF						FT				FT 139.7					LB			EA. 4	LB 402.2				EA.	EA.	LB					

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 52

PLOT DATE: 4/17/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 109 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 53

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5																																				
0.206 RAMP B RT	←1 GAS 24HR ←1 DIESEL	1	72	10	5.00																														148	
		1	72	10	5.00																														148	
	←1 FOOD ←3 LODGING	1	72	10	5.00																														148	
		1	72	10	5.00																														148	
	WRONG WAY	1	36	24	6.00						2												2	166.5									BACK TO BACK	R5-1a		
0.206 RAMP B LT	WRONG WAY	1	36	24	6.00						2					X		2																R5-1a		
0.233 RAMP B RT	STOP DO NOT ENTER	1	30	30	6.25																												BACK TO BACK	R1-1		
		1	30	30	6.25																													R5-1		
	ONE WAY ONE WAY	1	36	12	3.00						1					X		1															BACK TO BACK	R6-1L		
		1	36	12	3.00																													R6-1R		
0.233 RAMP B LT	STOP DO NOT ENTER	1	30	30	6.25																												BACK TO BACK	R1-1		
		1	30	30	6.25																													R5-1		
0.090 RAMP C RT		1	36	36	9.00						2					X		2																W3-1		
0.118 RAMP C RT	TO TO	1	24	12	2.00		I																										BLACK ON WHITE	M4-5		
		1	24	12	2.00																												GREEN ON WHITE	M4-5		
	5 VERMONT 123	1	24	24	4.00																													M1-4		
		1	30	24	5.00																															E-136B
		1	21	15	2.19						2												2	180.2								#2B	BLACK ON WHITE	M6-1		
		1	21	15	2.19																													GREEN ON WHITE	M6-1		
0.147 RAMP C RT	Westminster 3 Bellows Falls 4		72	12			1																													
			72	12			1																													
	Walpole N.H. 4		72	12			1				2												2	176.4											
RAMP C	BRIDGE PLAQUE						I																													
												FT	FT	FT	FT	FT 95.6	FT	EA.		LB	LB	LB		LB 523.1	LB	LB	LB								
		SUBTOTALS SHEET 53	SF 95.38	SF	EA. 3	SF						FT			FT 95.6					LB			EA. 6	LB 523.1				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 53 SHEET **110** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 54

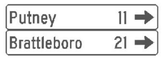
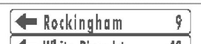
SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) lb/ft FND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 0.174 RAMP C RT	GAS 24HR 1 DIESEL 1	1 1	72 72	10 10	5.00 5.00																															148 148	
	FOOD 1 LODGING 3	1 1	72 72	10 10	5.00 5.00																															148 148	
	WRONG WAY	1	36	24	6.00						2												2	166.5									BACK TO BACK	R5-1a		
0.174 RAMP C LT	WRONG WAY	1	36	24	6.00						2					X		2																R5-1a		
0.196 RAMP C LT		1	18	18	2.25						1				X			1																OM1-1		
0.198 RAMP C LT	TO TO	1 1	24 24	12 12	2.00 2.00																													BLACK ON WHITE GREEN ON WHITE	M4-5 M4-5		
	5 VERMONT 123	1 1	24 30	24 24	4.00 5.00																														M1-4		E-136B
		1 1	21 21	15 15	2.19 2.19						2												2	180.2								#2B	BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1		
0.020 RAMP D RT	PROHIBITED FOR ALL VEHICLES WITH EMPTY OR LOADED TANK TRAILERS OR SEMI-TRAILERS CARRYING HAZARDOUS MATERIALS. Farm machinery shall be driven on the right shoulder.	1	36	36	9.00																																E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6													E-142
0.248 RAMP D RT		1	30	30	6.25						1					X		1																R3-2		

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 55

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 -0.118 WSH RT		1	21	15	2.19																													(INTERSTATE) WHITE ON BLUE	M2-1		
		1	24	24	4.00						1					X		1																M1-1		
-0.048 WSH RT		1 1	72 72	12 12	6.00 6.00						2												2	130.8										148 148	
0.006 WSH RT		1 1	24 24	12 12	2.00 2.00																													(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M3-3 M3-3		
		1 1	24 24	24 24	4.00 4.00																													BACK TO BACK	M1-1 M1-1		
		1 1	21 21	15 15	2.19 2.19						1						X	1																	(INTERSTATE) WHITE ON BLUE BACK TO BACK (INTERSTATE) WHITE ON BLUE	M6-1 M6-1		
0.020 WSH RT		1 1	24 24	12 12	2.00 2.00																													BLACK ON WHITE GREEN ON WHITE	M4-5 M4-5		
		1 1	24 30	24 24	4.00 5.00																														M1-4 	 E-136B
		1 1	21 21	15 15	2.19 2.19						2												2	180.2									#2B	BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1		
0.032 WSH RT		1	24	12	2.00																													(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	24	4.00																														M1-1		
		1	21	15	2.19						1						X	1																	(INTERSTATE) WHITE ON BLUE	M5-1		
0.084 WSH RT		 	72 72	12 12	 	 	1 1	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
		 	72 72	12 12	 	 	1 1	 	 	 	2	 	 	 	 	 	 	 	 	 	 	 	2	176.4	 	 	 	 	 	 	 	 	 	 	 	
												FT	FT	FT	FT	FT 14.9	FT 31.8	EA.		LB	LB	LB		LB 487.4	LB	LB	LB								
SUBTOTALS SHEET 55		SF 60.14	SF	EA. 4	SF							FT			FT 46.7					LB			EA. 6	LB 487.4				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 55 SHEET **112** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 56

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 0.129 WSH RT	NORTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
	91	1	24	24	4.00																													M1-1		
	←	1	21	15	2.19						1						X	1															(INTERSTATE) WHITE ON BLUE	M6-1		
0.214 WSH RT	Westminster Hgts Rd	1	69	12	5.75						2					X		2																	146	
0.215 WSH RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		1																		E-141
0.542 WSH RT	JCT	1	21	15	2.19																												BLACK ON WHITE	M2-1		
	5	1	24	24	4.00						1					X		1																M1-4		
0.560 WSH RT	25 M.P.H.		36 18	36 18			1 1				2					X		1																W1-1R W13-1		
0.617 WSH RT	Bellows Falls 3 Westminster 2	1 1	72 72	12 12	6.00 6.00																														148 148	
	Walpole NH 3	1	72	12	6.00						2												2	146.0											148	
0.655 WSH RT	NORTH SOUTH	1 1	24 24	12 12	2.00 2.00																												BLACK ON WHITE BLACK ON WHITE	M3-1 M3-3		
	5 5	1 1	24 24	24 24	4.00 4.00																													M1-1 M1-1		
		1 1	21 21	15 15	2.19 2.19																											#2A	BLACK ON WHITE BLACK ON WHITE	M5-1 M5-1		
	TO TO	1 1	24 24	12 12	2.00 2.00																												BLACK ON WHITE GREEN ON WHITE	M4-5 M4-5		
	121 VERMONT 123	1 1	~~24~~ 30 30	24 24	~~4.00~~ 5.00 5.00																													M1-5		E-136B
		1 1	21 21	15 15	2.19 2.19						2												2		289.8							#2C	BLACK ON WHITE GREEN ON WHITE	M5-1 M5-1		
												FT	FT	FT	FT	FT 83.9	FT 15.9	EA.		LB	LB	LB		LB 146.0	LB 289.8	LB	LB									
		SUBTOTALS SHEET 56			SF 76.89	SF	EA. 2	SF				FT			FT 99.8					LB			EA. 4	LB 435.8				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

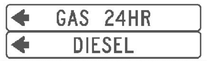
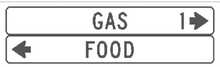
FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 56

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 113 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 57

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 0.693 WSH RT			36	36			1				2					X		2																	W3-1		
0.732 WSH RT		1 1	72 72	10 10	5.00 5.00																															148 148	
		1 1	72 72	10 10	5.00 5.00																															148 148	
		1	72	10	5.00						2												2	179.4											148	
0.763 WSH RT		1 1	30 30	30 30	6.25 6.25																													BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1																BACK TO BACK	R6-1L R6-1R		
0.230 WSH LT		1	21	15	2.19																													(INTERSTATE) WHITE ON BLUE	M2-1		
		1	24	24	4.00						1					X		1																	M1-1		
0.200 WSH LT			72 72	12 12			1 1				2												2	130.8											THINNING & TRIMMING			
0.000 WSH LT		1 1	24 24	18 18	3.00 3.00																													BACK TO BACK			E-141 E-141
		1	24	30	5.00						1					X		1																			E-141
0.724 WSH CL		1	24	30	5.00																															R4-7		
		1 1	18 18	18 18	2.25 2.25						1					X		1																BACK TO BACK	OM1-1 OM1-1		
											FT	FT	FT		FT	93.8	FT		EA.	LB	LB	LB		LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".	SUBTOTALS SHEET 57	SF 70.19	SF	EA. 3	SF		FT			FT 93.8			LB			EA. 4	LB 310.2				EA.	EA.	LB												

PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME:	z12A528tssint.xlsb
PROJECT LEADER:	C. GREGORY
DESIGNED BY:	J. SMITH
TRAFFIC SIGN SUMMARY SHEET 57	
PLOT DATE:	4/16/2014
DRAWN BY:	J. SMITH
CHECKED BY:	D. MUNRO
SHEET	114 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 58

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0	4.0	4.0Mod	FND-ATION	TUBULAR STEEL DIA (in) 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 0.763 WSH CL		1	30	30	6.25																												BACK TO BACK	R1-1		
		1	24	30	5.00																													R4-7		
		1	18	18	2.25						1					X		1																OM1-1		
0.099 WSH LT SLIP RAMP		1	24	30	5.00																													R2-1		
		1	24	30	5.00						1					X		1																		E-141
0.098 WSH LT SLIP RAMP		1	54	12	4.50						2					X		2																	146	
0.088 WSH LT SLIP RAMP		1	30	30	6.25						1					X		1																R1-1		
0.050 WSH LT SLIP RAMP		1	36	24	6.00						2					X		1																R5-1a		
0.003 WSH LT SLIP RAMP		1	30	30	6.25						1					X			1															R5-1		
INT #5 5.772 ROUTE 5 RT		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M4-5		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M5-1		
											FT	FT	FT	FT	FT 113.3	FT 15.9	EA. 1			LB	LB	LB		LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 58	SF 54.69	SF	EA.	SF			FT			FT 129.2						LB			EA.	LB				EA.	EA.	LB							

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 58 SHEET **115** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 59

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 2.0 2.5 lb/ft 1.88 2.42 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 4.0 4.0Mod lb/ft 1.3 1.7 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 3.5 4.0 5.0 lb/ft 7.6 9.0 10.8 14.6	W-SHAPE STEEL FTG. SIZE 24" 30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 5.878 ROUTE 5 RT	TO	1	24	12	2.00																					(INTERSTATE) WHITE ON BLUE	M4-5		
	INTERSTATE 91	1	24	24	4.00																						M1-1		
		1	21	15	2.19						1					X	1									(INTERSTATE) WHITE ON BLUE	M5-1		
5.888 ROUTE 5 RT	NORTH SOUTH	1 1	24 24	12 12	2.00 2.00																					BLACK ON WHITE BLACK ON WHITE	M3-1 M3-3		
	5 5	1 1	24 24	24 24	4.00 4.00																						M1-1 M1-1		
		1 1	21 21	15 15	2.19 2.19																				#2A	BLACK ON WHITE BLACK ON WHITE	M6-1 M6-1		
	TO TO	1 1	24 24	12 12	2.00 2.00																					BLACK ON WHITE GREEN ON WHITE	M4-5 M4-5		
	121 VERMONT 123	1 1	~~24~~ 30 30	24 24	~~4.00~~ 5.00 5.00																						M1-5		E-136B
		1 1	21 21	15 15	2.19 2.19						2								2		289.8				#2C	BLACK ON WHITE GREEN ON WHITE	M6-1 M6-1		
5.890 ROUTE 5 RT		1	48	24	8.00						2					X	2									FLUORESCENT YELLOW TYPE IX SHEETING	W1-7		
5.915 ROUTE 5 RT	NORTH TO	1 1	24 24	12 12	2.00 2.00																					BLACK ON WHITE BLACK ON WHITE	M3-1 M4-5		
	5 121	1 1	~~24~~ 30 24	24 24	~~4.00~~ 5.00 4.00						2					X	2								#1B		M1-4 M1-5		
5.959 ROUTE 5 RT	SPEED LIMIT 40	1	24	30	5.00						1					X	1										R2-1		
5.997 ROUTE 5 RT	Bellows Falls 3	1	72	12	6.00						2					X	2											148	
												FT	FT	FT	FT	FT 97.7	FT 15.9	EA.	LB	LB	LB		LB	LB 289.8	LB	LB				
SUBTOTALS SHEET 59			SF 72.95	SF	EA.	SF						FT			FT 113.6				LB			EA. 2	LB 289.8		EA.	EA.	LB			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 59 SHEET **116** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 60

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #5 5.898 ROUTE 5 LT	TO	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M4-5		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
	←	1	21	15	2.19						1						X	1															(INTERSTATE) WHITE ON BLUE	M6-1		
5.862 ROUTE 5 LT	SPEED LIMIT 35	1	24	30	5.00						1					X		1																R2-1		
5.826 ROUTE 5 LT	Westminster 2 / Walpole NH 3	1	72	12	6.00																														148	
		1	72	12	6.00																														148	
	SOUTH TO TO	1	24	12	2.00																												BLACK ON WHITE	M3-3		
		1	24	12	2.00																												GREEN ON WHITE	M4-5		
		1	24	12	2.00																												BLACK ON WHITE	M4-5		
	5 VERMONT 123 12	1	24	24	4.00																													M1-4		
		1	30	24	5.00						2												2	176.4								#3C			E-136B
		1	24	24	4.00																														147	
5.797 ROUTE 5 LT		1	36	36	9.00						1					X		1																W1-4L		
INT #6 0.162 RAMP A RT		1	36	36	9.00						2					X		2																W7-1		
0.162 RAMP A LT		1	36	36	9.00						2					X		2																W7-1		
0.347 RAMP A RT	NORTH TO SOUTH	1	24	12	2.00																												BLACK ON WHITE	M3-1		
		1	24	12	2.00																												GREEN ON WHITE	M4-5		
		1	24	12	2.00																												BLACK ON WHITE	M3-3		
	5 VERMONT 103 5	1	24	24	4.00																													M1-4		
		1	30	24	5.00																																E-136B
		1	24	24	4.00																													M1-4		
		1	21	15	2.19																												BLACK ON WHITE	M5-1		
		1	21	15	2.19						2																						GREEN ON WHITE	M5-1		
		1	21	15	2.19																												BLACK ON WHITE	M5-1		
0.302 RAMP A LT		I	36	36	9.00																												NEW STOP AHEAD ON EXISTING SQUARE STEEL POSTS.			
0.422 RAMP A 0.445																																	THINNING & TRIMMING 2 EACH			
												FT	FT	FT	FT	FT 86.6	FT 15.9	EA.		LB	LB	LB		LB 176.4	LB	LB	LB									
SUBTOTALS SHEET 60		SF 96.76	SF	EA.	SF							FT			FT 102.5					LB			EA. 2	LB 176.4				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 60

PLOT DATE: 4/15/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 117 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 61

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.395 RAMP A RT	← Rockingham 2	1	72	12	6.00																															148
	← Chester 10	1	72	12	6.00																													THINNING & TRIMMING		148
	← Ludlow 22	1	72	12	6.00																															148
	← Rutland 47	1	72	12	6.00																															148
	Bellows Falls 3 →	1	72	12	6.00						2												0 ~~2~~	0 ~~191.6~~										RETAIN FOUNDATIONS & POSTS INSTALLED IN 2011		148	
0.445 RAMP A RT	← GAS/DIESEL 24HR	1	72	10	5.00																															148
	GAS 3 →	1	72	10	5.00																													THINNING & TRIMMING		148
	FOOD 3 →	1	72	10	5.00																															148
	LODGING →	1	72	10	5.00																															148
	← 7 STATE POLICE	1	72	10	5.00																															148
	WRONG WAY	1	36	24	6.00						2												2	179.4									BACK TO BACK	R5-1a		
0.445 RAMP A LT	WRONG WAY	1	36	24	6.00						2				X			2																	R5-1a		
0.084 RAMP B RT		1	36	36	9.00						2				X			2																	W4-1L		
0.099 RAMP B LT		1	30	30	6.25						1				X			1																	R3-2		
0.104 RAMP B LT	YIELD	1			3.90						1				X			1																36" X 36" X 36"	R1-2		
0.112 RAMP B RT	ONE WAY	1	36	12	3.00						2				X			2																	R6-1L		
0.125 RAMP B RT	SHORT MERGE LANE AHEAD	1	48	48	16.00						2												2	191.6									THINNING & TRIMMING FLUORESCENT YELLOW TYPE IX SHEETING		147	
0.153 RAMP B RT	PROHIBITED PEDESTRIANS BICYCLES STOPPING OR HUMAN, ANIMALS, BICYCLES FARM MACHINERY DRIVE VEHICLES	1	36	36	9.00																															E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6											E-142
											FT	FT	FT		FT 121.3	FT		EA.		LB	LB	LB		LB 754.2	LB	LB	LB								
	SUBTOTALS SHEET 61	SF 123.15	SF	EA.	SF						FT				FT 121.3					LB			EA. 8	LB 754.2				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

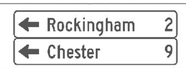
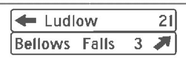
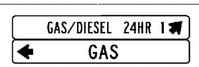
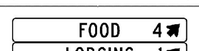
FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 61

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 118 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 62

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 2.0 2.5 lb/ft 1.88 2.42 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 4.0 4.0Mod lb/ft 1.3 1.7 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 3.5 4.0 5.0 lb/ft 7.6 9.0 10.8 14.6	W-SHAPE STEEL FTG. SIZE 24" 30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.180 RAMP B LT		1	30	30	6.25						1					X		1										R3-2		
0.181 RAMP B RT		1			6.93						2								2	191.6						48" X 48" X 48"	R1-2		
0.029 RAMP C RT		1	36	36	9.00																						W1-11		
		1	18	18	2.25						2					X		2									W13-1		
0.030 RAMP C LT		1	48	24	8.00						2					X		2								FLUORESCENT YELLOW TYPE IX SHEETING	W1-6		
0.045-0.151 LT RAMP C		8	24	30	40.00						8					X		8								THINNING & TRIMMING 3 EA FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.061 RAMP C RT		1	36	36	9.00						2					X		2									W3-1		
0.091 RAMP C RT		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																					GREEN ON WHITE GREEN ON WHITE BLACK ON WHITE	M3-1 M3-3 M4-5		
		1 1 1	30 30 24	24 24 24	5.00 5.00 4.00																					THINNING & TRIMMING	M1-4		E-136B E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2								2	180.2					#3C	GREEN ON WHITE GREEN ON WHITE BLACK ON WHITE	M6-1 M6-2 M6-2		
0.121 RAMP C RT		1 1	72 72	12 12	6.00 6.00																					THINNING & TRIMMING		148 148	
		1 1	72 72	12 12	6.00 6.00						2								2	206.8								148 148	
0.151 RAMP C RT		1 1	72 72	10 10	5.00 5.00																					THINNING & TRIMMING		148 148	
		1 1	72 72	10 10	5.00 5.00																							148 148	
		1	72	10	5.00						2								2	179.4								148	
											FT	FT	FT	FT	219.5	FT	EA.	LB	LB	LB		LB 758.0	LB	LB	LB				
SUBTOTALS SHEET 62		SF 157.00	SF	EA.	SF						FT			FT 219.5				LB			EA. 8	LB 758.0				EA.	EA.	LB

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 62

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 119 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 63

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.179 RAMP C LT		1	18	18	2.25						1				X			1																OM1-1		
0.180 RAMP C LT	WRONG WAY	1	36	24	6.00						2					X		2																PLACE ON RAMP G AS SHOWN ON PLANS	R5-1a		
0.181 RAMP C RT	WRONG WAY	1	36	24	6.00						2					X		2																	R5-1a		
0.181 RAMP C LT	NORTH SOUTH TO	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																													GREEN ON WHITE GREEN ON WHITE BLACK ON WHITE	M3-1 M3-3 M4-5		
	VERMONT 103 VERMONT 103 5	1 1 1	30 30 24	24 24 24	5.00 5.00 4.00																														M1-4		E-136B E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																													GREEN ON WHITE GREEN ON WHITE BLACK ON WHITE	M6-1 M6-2 M6-2		
	WRONG WAY	1	36	24	6.00						2												2	180.2								#3C	BACK TO BACK	R5-1a		
0.209 RAMP C LT	DO NOT ENTER	1	30	30	6.25																														R5-1		
	ONE WAY ONE WAY	1 1 1	36 36 36	12 12 12	3.00 3.00 3.00						1					X		1																	R6-1L R6-1L		
0.212 RAMP C RT	DO NOT ENTER	1	30	30	6.25																														R5-1		
	ONE WAY ONE WAY	1 1 1	36 36 36	12 12 12	3.00 3.00 3.00						1					X		1																	R6-1L R6-1L		
0.070 RAMP D RT		1	36	36	9.00		I				2					X		2																SALVAGE "DETOUR ROUTE 30"	W4-1L		
0.084 RAMP D LT		1	30	30	6.25						1					X		1																	R3-2		
0.089 RAMP D LT	YIELD	1			3.90						1					X		1																36" X 36" X 36"	R1-2		
0.094 RAMP D RT	ONE WAY	1	36	12	3.00						2					X		2																	R6-1L		
~~0.118~~ 0.128 RAMP D RT	PROHIBITED PEDESTRIANS BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00																																E-142
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00						2												2	191.6												E-142
												FT	FT	FT	FT 9.5	FT 172.7	FT		EA.	LB	LB	LB		LB 371.8	LB	LB	LB									
	SUBTOTALS SHEET 63	SF 111.47	SF	EA.	SF			FT				FT 182.2				LB		EA. 4		LB 371.8			EA.	EA.	LB											

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 63

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 120 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 64

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 1.7	4.0Mod 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.163 RAMP D RT		1	36	36	9.00																												THINNING & TRIMMING	W1-4L		
	30 MPH	1	18	18	2.25						2					X		2																W13-1		
0.215-0.260 RT RAMP D		4	24	30	20.00						4					X		4															THINNING & TRIMMING I EACH FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.293-0.323 LT RAMP D		3	24	30	15.00						3					X		3															FLUORESCENT YELLOW TYPE IX SHEETING	W1-8		
0.336 RAMP D RT		1	30	30	6.25						1					X		1																R3-2		
3.297 ROUTE 5 LT	Bellows Falls 3	1	72	12	6.00																														148	
	SOUTH		24	12			1																										BLACK ON WHITE	M3-3		
	5		24	24			1				2					X		2																M1-4		
3.372 ROUTE 5 RT	Rockingham 2 Rutland 47	1 1	72 72	12 12	6.00 6.00																													148 148		
	NORTH TO		24 24	12 12			1 1																										BLACK ON WHITE GREEN ON WHITE	M3-1 M4-5		
	5 VERMONT 103		24 30	24 24			1 1				2												2	176.4										M1-4		E-136B
												FT	FT	FT	FT	FT 176.2	FT	EA.		LB	LB	LB		LB 176.4	LB	LB	LB								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		**SUBTOTALS SHEET 64**	SF 70.50	SF	EA. 6	SF			FT			FT 176.2							LB				EA. 2	LB 176.4				EA.	EA.	LB					

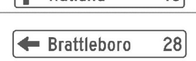
PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 64 SHEET **121** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 65

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0	4.0	4.0Mod	TUBULAR STEEL DIA (in) lb/ft FND-ATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
INT #6 0.009 VT 103 RT		1	30	30	6.25						1					X		1																E-145A
0.028 VT 103 RT		1 1	72 72	12 12	6.00 6.00																													148 148	
		1	72	12	6.00																													148	
		1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																												GREEN ON WHITE (INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M3-1 M3-3 M3-1		
		1 1 1	30 24 24	24 24 24	5.00 4.00 4.00																													M1-1 M1-1	E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19						2													2			299.2						#3B	GREEN ON WHITE (INTERSTATE) WHITE ON BLUE (INTERSTATE) WHITE ON BLUE	M6-2 M6-2 M6-2		
0.082 VT 103 RT		1	18	18	2.25						1				X			1																OM1-1		
0.085 VT 103 RT		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M6-2		
0.131 VT 103 RT		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M6-1		
0.315 VT 103 RT		1 1	72 72	12 12	6.00 6.00																													148 148	
		1	72	12	6.00						2													2	146.0										148	
											FT	FT	FT		FT	FT	FT		EA.	LB	LB	LB		LB	LB	LB	LB									
															9.5	14.1	31.8							146.0		299.2										
		SUBTOTALS SHEET 65	SF 86.45	SF	EA.	SF					FT				FT 55.4					LB			EA. 4	LB 445.2				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 65 SHEET **122** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 66

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.352 VT 103 RT	SOUTH / NORTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
		1	24	12	2.00																												GREEN ON WHITE	M3-1		
	INTERSTATE 91 / VERMONT 103	1	24	24	4.00																													M1-1		
		1	30	24	5.00																															E-136B
		1	21	15	2.19		I				2												2	180.2								#2B	(INTERSTATE) WHITE ON BLUE SALVAGE "DETOUR ROUTE 30"	M6-1		
		1	21	15	2.19																												GREEN ON WHITE	M6-3		
0.560 VT 103 RT	NORTH	1	24	12	2.00																												GREEN ON WHITE	M3-1		
	VERMONT 103	1	30	24	5.00		I				1					X		1															SALVAGE "DETOUR ROUTE 30"			E-136B
0.519 VT 103 LT	Springfield 11 White River Jct 37	1	72	12	6.00																														148	
		1	72	12	6.00																														148	
	Brattleboro 28	1	72	12	6.00						2												2	146.0											148	
0.478 VT 103 LT	NORTH / SOUTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91 / INTERSTATE 91	1	24	24	4.00																													M1-1		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						2												2	180.2								#2A	(INTERSTATE) WHITE ON BLUE	M6-3		
		1	21	15	2.19																													M6-2		
0.429 VT 103 LT		1	18	18	2.25						1				X			1																OM1-1		
0.430 VT 103 LT	SOUTH	1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
	INTERSTATE 91	1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M6-2		
											FT	FT	FT		FT 9.5	FT 14.6	FT 15.9		EA.	LB	LB	LB			LB 506.4	LB	LB	LB									
SUBTOTALS SHEET 66		SF 69.20	SF	EA.	SF				FT						FT 40.0					LB			EA. 6		LB 506.4				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssint.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 66

PLOT DATE: 4/16/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 123 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 67

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft 3.0 1.3	4.0 1.7	4.0Mod 1.7	FND-ATION	TUBULAR STEEL DIA (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
INT #6 0.392 VT 103 LT		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-3		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1															(INTERSTATE) WHITE ON BLUE	M6-1		
0.315 VT 103 LT		1	36	36	9.00						2					X		2																W4-3		
0.295 VT 103 LT		1 1	30 30	30 30	6.25 6.25																												BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1															BACK TO BACK	R6-1L R6-1R		
0.286 VT 103 LT		1 1	30 30	30 30	6.25 6.25																												BACK TO BACK	R1-1 R5-1		
		1 1	36 36	12 12	3.00 3.00						1					X		1															BACK TO BACK	R6-1L R6-1R		
0.280 VT 103 LT		1	24	12	2.00																												(INTERSTATE) WHITE ON BLUE	M3-1		
		1	24	24	4.00																													M1-1		
		1	21	15	2.19						1						X	1																(INTERSTATE) WHITE ON BLUE	M5-1		
0.240 VT 103 LT			36	36			1				2					X		2																W4-2R		
0.211 VT 103 LT		1 1	72 72	12 12	6.00 6.00						2													2	130.8										148 148	
0.149 VT 103 LT		1 1	24 24	12 12	2.00 2.00																												(INTERSTATE) WHITE ON BLUE BLACK ON WHITE	M3-1 M4-5		
		1 1	24 24	24 24	4.00 4.00																													M1-1 M1-4		
		1 1	21 21	15 15	2.19 2.19						2													2	180.2							#2A	(INTERSTATE) WHITE ON BLUE BLACK ON WHITE	M6-1 M6-3		
0.053 VT 103 LT		1	72	12	6.00						2					X		2																	148	
												FT	FT	FT	FT	FT 121.8	FT 31.8	EA.	LB	LB	LB		LB 311.0	LB	LB	LB									
SUBTOTALS SHEET 67		SF 96.76	SF	EA. 1	SF							FT			FT 153.6				LB			EA. 4	LB 311.0				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssint.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 67 SHEET **124** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 68

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0									
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"							
WELCOME CENTER 0.026 RAMP ART	WOMEN VETERANS MEMORIAL HIGHWAY	1	30	30	6.25						1					X		1																	
0.040 RAMP ART	CARS	1	24	24	4.00						1					X		1																	
0.040 RAMP ALT	TRUCKS BUSES	1	24	30	5.00						1					X		1																	
0.087 RAMP ART	SPEED LIMIT 20	1	36	36	9.00						2					X		2															W3-5		
0.087 RAMP ALT	SPEED LIMIT 20	1	36	36	9.00						2					X		2															W3-5		
0.099 RAMP ART	WRONG WAY	1	36	24	6.00						2					X		2															R5-1a		
0.099 RAMP ALT	WRONG WAY	1	36	24	6.00						2					X		2															R5-1a		
0.126 RAMP ALT	TRUCKS BUSES	1	24	30	5.00																													146	
	CARS	1	24	24	4.00						1						X	1																146	
0.148 RAMP ART	SPEED LIMIT 20	1	30	36	7.50						1					X		1															R2-1		
0.148 RAMP ALT	SPEED LIMIT 20	1	30	36	7.50						1					X		1															R2-1		
0.223 RAMP ART	SPEED LIMIT 20	1	24	30	5.00						1					X		1															R2-1		
0.223 RAMP ALT	SPEED LIMIT 20	1	24	30	5.00						1					X		1															R2-1		
0.247 RAMP ART		1	30	30	6.25						1					X		1															W1-1R		
0.289 RAMP ART		1	30	30	6.25																											FLUORESCENT YELLOW GREEN TYPE IX SHEETING	W11-2		
	AHEAD	1	30	12	2.50						1					X		1														FLUORESCENT YELLOW GREEN TYPE IX SHEETING	R3-17a		
0.327 RAMP ART	PROHIBITED	1	30	24	5.00						1					X		1																	E-144
												FT	FT	FT	FT	FT 256.8	FT 17.1	EA.		LB	LB	LB		LB	LB	LB	LB								
	SUBTOTALS SHEET 68	SF 99.25	SF	EA.	SF							FT			FT 273.9					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssrestarea.xlsb PLOT DATE: 4/16/2014
PROJECT LEADER: C. GREGORY DRAWN BY: J. SMITH
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
TRAFFIC SIGN SUMMARY SHEET 68 SHEET 125 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 69

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
WELCOME CENTER																																				
0.330 RAMP A RT	WRONG WAY	1	36	24	6.00						2					X		2																	R5-1a		
0.330 RAMP A LT	WRONG WAY	1	36	24	6.00						2					X		2																	R5-1a		
0.350 RAMP A LT		1	30	30	6.25																												FLUORESCENT YELLOW GREEN TYPE IX SHEETING	W11-2		
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
0.351 RAMP A RT		1	30	30	6.25																												FLUORESCENT YELLOW GREEN TYPE IX SHEETING	W11-2		
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
0.352 RAMP A LT	RESERVED PARKING FOR STATE POLICE	1	15	21	2.19						1					X		1																	147	
0.364 RAMP A RT	EXIT	1	24	24	4.00						1							1																	147	
	WALK DOGS HERE	1	18	24	3.00		2				1					X		1															NEW SIGNS GIVEN TO WELCOME CENTER		147	
0.365 RAMP A LT	RESERVED PARKING	1	12	18	1.50						1					X		1																	146	
0.370 RAMP A RT	ALL DOGS MUST BE ON LEASH	1	24	24	4.00																															E-144
	PLEASE CLEAN UP AFTER YOUR PETS	1	30	36	7.50						1						X	1																	147	
0.377 RAMP A RT	WALK DOGS HERE	1	12	18	1.50		1				1					X		1															NEW SIGNS GIVEN TO WELCOME CENTER			E-144
0.377 RAMP A LT	RESERVED PARKING	1	12	18	1.50						1					X		1																	146	
											FT	FT	FT	FT	FT 150.9	FT 16.6	EA.		LB	LB	LB		LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".	SUBTOTALS SHEET 69	SF 62.19			EA.	SF			FT						FT 167.5				LB				EA.	LB				EA.	EA.	LB					

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssrestarea.xlsb PLOT DATE: 4/16/2014
PROJECT LEADER: C. GREGORY DRAWN BY: J. SMITH
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
TRAFFIC SIGN SUMMARY SHEET 69 SHEET 126 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 70

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
WELCOME CENTER 0.387 RAMP A RT		1	24	24	4.00																													147	
		1	18	24	3.00		I				1					X		1															NEW SIGNS GIVEN TO WELCOME CENTER		147	
0.390 RAMP A LT		1	12	18	1.50						1					X		1																146	
0.403 RAMP B LT		1	24	12	2.00						1					X		1																147	
0.409 RAMP B RT		1	30	30	6.25						1					X		1																W3-1		
0.409 RAMP B LT		1	30	30	6.25						1					X		1																W3-1		
0.429 RAMP B RT		1	30	30	6.25						1					X		1																R1-1		
0.442 RAMP B RT		1	24	30	5.00						1					X		1																146	
0.460 RAMP B RT		1	30	30	6.25		I				1					X		1															POST DAMAGED, SALVAGED SIGN	R3-2		
10.037 RAMP C RT		1	24	24	4.00																													147	
		1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
10.037 RAMP C LT		1	30	24	5.00																															E-144
		1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
					SF	SF	EA.	SF				FT	FT	FT	FT	FT 142.0	FT	EA.		LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 70	62.00									FT			FT	142.0				LB			EA.	LB				EA.	EA.	LB						

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssrestarea.xlsb PLOT DATE: 4/16/2014
PROJECT LEADER: C. GREGORY DRAWN BY: J. SMITH
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
TRAFFIC SIGN SUMMARY SHEET 70 SHEET 127 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 71

SHSM = FHWA 2004 STANDARD HIIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0Mod lb/ft 1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
WELCOME CENTER 10.056 RAMP C RT	BUS PARKING ONLY	1	24	18	3.00						1					X		1																		147	
10.093 RAMP C LT	EXIT	1	24	24	4.00						1					X		1																		147	
10.111 RAMP C RT	BUS PARKING ONLY	1	24	18	3.00						1					X		1																		147	
10.126 RAMP C RT	R	1	30	30	6.25						1					X		1																		R8-3	
10.128 RAMP C LT	EXIT	1	24	24	4.00						1					X		1																		147	
10.131 RAMP C RT	R	1	30	30	6.25						1					X		1																		R8-3	
10.145 RAMP C LT	EXIT	1	30	30	6.25																														146	
	DO NOT ENTER	1	30	30	6.25						1					X		1																	BACK TO BACK	R5-1	
10.146 RAMP C LT	EXIT	1	30	30	6.25																														146	
	DO NOT ENTER	1	30	30	6.25						1						X	1																	BACK TO BACK	R5-1	
	NO PARKING BEYOND THIS POINT	1	24	30	5.00																														R8-1	
10.156 RAMP C LT	ONE WAY	1	36	12	3.00						2					X		2																		R6-1R	
WEIGH ST. NB 20.4 0.054 RAMP A RT	WRONG WAY	1	36	24	6.00						2					X		2																	THINNING & TRIMMING	R5-1a	
0.054 RAMP A LT	WRONG WAY	1	36	24	6.00						2					X		2																		R5-1a	
0.073 RAMP A RT	DO NOT ENTER	1	30	30	6.25						1					X		1																		R5-1	
												FT	FT	FT	FT	FT 193.4	FT 17.6	EA.		LB	LB	LB		LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".		SUBTOTALS SHEET 71	SF 77.75	SF	EA.	SF						FT			FT		211.0			LB			EA.		LB			EA.	EA.	LB						

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: z12A528tssrestarea.xlsb PLOT DATE: 4/16/2014
PROJECT LEADER: C. GREGORY DRAWN BY: J. SMITH
DESIGNED BY: J. SMITH CHECKED BY: D. MUNRO
TRAFFIC SIGN SUMMARY SHEET 71 SHEET 128 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 72

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
WEIGH ST. NB 20.4 0.073 RAMP ALT	PROHIBITED	1	30	24	5.00																														
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
0.110 RAMP ART	$500 FINE THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00						1					X		1																	E-144
0.145 RAMP ART	SAFETY BELTS REQUIRED	1	24	30	5.00						1					X		1																146	
0.158 RAMP ART	ONE WAY	1	36	12	3.00						2					X		2															R6-1L		
0.165 RAMP ART		1	30	30	6.25						1					X		1															R3-2		
WEIGH ST. SB 22.0 0.051 RAMP ART		1	36	36	9.00						2					X		2															W3-1		
0.062 RAMP ART	WRONG WAY	1	36	24	6.00						2					X		2															R5-1a		
0.062 RAMP ALT	WRONG WAY	1	36	24	6.00						2					X		2															R5-1a		
0.082 RAMP ART	DO NOT ENTER	1	30	30	6.25						1					X		1															R5-1		
0.082 RAMP ALT	PROHIBITED	1	30	24	5.00																														
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
0.112 RAMP ART	STOP	1	30	30	6.25						1					X		1															R1-1		
0.112 RAMP ALT	STOP	1	30	30	6.25						1					X		1															R1-1		
0.123 RAMP ART	$500 FINE THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00						1					X		1																	E-144
												FT	FT	FT	FT	FT 240.7	FT	EA.		LB	LB	LB		LB	LB	LB	LB								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

SUBTOTALS SHEET 72	SF	SF	EA.	SF		FT	FT	LB	EA.	LB	EA.	EA.	LB
	86.50						240.7						

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssrestarea.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 72 SHEET **129** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 73

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN	FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"								
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6										
WEIGH ST. SB 22.0 0.135 RAMP A RT	SAFETY BELTS REQUIRED	1	24	30	5.00						1					X		1																		146	
0.142 RAMP A RT	ONE WAY	1	36	12	3.00						2					X		2																	R6-1L		
0.151 RAMP A RT		1	30	30	6.25						1					X		1																	R3-2		
PARK AREA NB 23.2 0.020 RAMP A RT	WRONG WAY	1	36	24	6.00						2					X		2																	R5-1a		
0.028 RAMP A RT	PROHIBITED	1	30	24	5.00																																E-144
	DO NOT ENTER	1	30	30	6.25						1					X		1																BACK TO BACK	R5-1		
0.030 RAMP A RT	DO NOT ENTER	1	30	30	6.25						1					X		1																	R5-1		
0.035 RAMP A LT	DO NOT ENTER	1	30	30	6.25						1					X		1																	R5-1		
0.049 RAMP A RT	$500 FINE FOR THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00																																E-144
	ALL DOGS MUST BE ON LEASH	1	24	24	4.00						1						X	1																			E-144
0.084 RAMP A RT	RESERVED PARKING	1	12	18	1.50						1					X		1																	R7-8		
0.089 RAMP A RT	RESERVED PARKING	1	12	18	1.50						1					X		1																	R7-8		
0.096 RAMP A RT	SAFETY BELTS REQUIRED	1	24	30	5.00						1					X		1																		146	
0.105 RAMP A RT	ONE WAY	1	36	12	3.00						2					X		2																	R6-1L		
0.110 RAMP A RT		1	30	30	6.25						1					X		1																	R3-2		
												FT	FT	FT	FT	FT 204.5	FT 17.1	EA.		LB	LB	LB		LB	LB	LB	LB									
SUBTOTALS SHEET 73		SF 70.25	SF	EA.	SF							FT			FT 221.6					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssrestarea.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 73 SHEET **130** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 74

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			FND-ATION	TUBULAR STEEL DIA (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN	FRAME		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod		3.0	3.5	4.0	5.0	24"	30"								
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6										
PARK AREA SB 23.8 0.020 RAMP ART	WOMEN VETERANS MEMORIAL HIGHWAY	1	30	30	6.25						1					X		1																	146	
0.028 RAMP ART	WRONG WAY	1	36	24	6.00						2					X		2																R5-1a		
0.033 RAMP ART	DO NOT ENTER	1	30	30	6.25						1					X		1																R5-1		
0.039 RAMP ART	PROHIBITED	1	30	24	5.00																															E-144
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
PARK AREA SB 23.8 0.039 RAMP ALT	TRUCKS BUSES	1	24	30	5.00																														146	
	DO NOT ENTER	1	30	30	6.25						1					X		1															BACK TO BACK	R5-1		
0.055 RAMP ART	ALL DOGS MUST BE ON LEASH	1	24	24	4.00						1					X		1																		E-144
0.062 RAMP ART	RESERVED PARKING	1	12	18	1.50						1					X		1																R7-8		
0.067 RAMP ART	RESERVED PARKING	1	12	18	1.50						1					X		1																R7-8		
0.072 RAMP ART	$500 FINE THROWING TRASH ON HIGHWAYS AND STREAMS	1	24	30	5.00						1					X		1																		E-144
0.104 RAMP ART	SAFETY BELTS REQUIRED	1	24	30	5.00						1					X		1																	146	
0.110 RAMP ART	ONE WAY	1	36	12	3.00						2					X		2																R6-1L		
0.114 RAMP ART		1	30	30	6.25						1					X		1																R3-2		
											FT	FT	FT		FT	FT 197.9	FT	EA.		LB	LB	LB		LB	LB	LB	LB									
	SUBTOTALS SHEET 74	SF 67.25	SF	EA.	SF						FT				FT 197.9					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN(44)**

FILE NAME: **z12A528tssrestarea.xlsb** PLOT DATE: **4/16/2014**
PROJECT LEADER: **C. GREGORY** DRAWN BY: **J. SMITH**
DESIGNED BY: **J. SMITH** CHECKED BY: **D. MUNRO**
TRAFFIC SIGN SUMMARY SHEET 74 SHEET **131** OF **157**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 75

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM DIA (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM DIA (in) 4.0Mod lb/ft 1.7	FND-ATION	TUBULAR STEEL DIA (in) 3.0 lb/ft 7.6	TUBULAR STEEL DIA (in) 3.5 lb/ft 9.0	TUBULAR STEEL DIA (in) 4.0 lb/ft 10.8	TUBULAR STEEL DIA (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
	SUBTOTALS SHEET 1			185.15	~~184.31~~	0.00	0	0.00				0.0			~~709.4~~	496.66	0			0.0			9	~~1264.8~~	1220.0			0	0	0					
	SUBTOTALS SHEET 2				122.00	264.50	~~1~~ 0	0.00				0.0			~~164.7~~	150.25	0			0.0			12	~~1489.4~~	1465.0			2	0	~~1186~~	1183				
	SUBTOTALS SHEET 3				111.25	371.75	0	0.00				0.0			~~130.1~~	114.50	0			0.0			8	~~801.2~~	823.0			4	0	~~2010~~	1987				
	SUBTOTALS SHEET 4				115.00	627.50	0	0.00				0.0			~~161.1~~	140.25	0			0.0			8	~~948.0~~	1035.0			6	0	~~2365~~	2437				
	SUBTOTALS SHEET 5			135.50	~~135.38~~	651.50	0	0.00				0.0			~~32.0~~	26.75	0			0.0			11	~~1550.4~~	1552.0			8	0	~~3015~~	2960				
	SUBTOTALS SHEET 6			161.50	~~161.38~~	234.00	0	0.00				0.0			~~72.1~~	62.00	0			0.0			15	~~1544.0~~	1555.0			2	0	~~940~~	952				
	SUBTOTALS SHEET 7			132.00	~~165.00~~	~~824.50~~ 648.50	0	0.00				0.0			~~57.1~~	0	0			0.0			8	~~961.0~~	946.0			~~8~~10	0	~~4513~~	3662.5				
	SUBTOTALS SHEET 8			153.50	~~153.38~~	70.00	0	0.00				0.0			~~104.7~~	92.25	0			0.0			15	~~1756.3~~	1827.0			0	0	0					
	SUBTOTALS SHEET 9				175.50	529.00	3 ~~0~~	0.00				0.0			~~96.2~~	87.00	0			0.0			10	~~1363.7~~	1341.0			8	0	~~3070~~	3030				
	SUBTOTALS SHEET 10			132.50	~~132.38~~	70.00	~~1~~ 0	0.00				0.0			~~128.5~~	113.83	0			0.0			13	~~1462.3~~	1434.0			0	0	0					
	SUBTOTALS SHEET 11				135.00	199.00	0	0.00				0.0			~~118.2~~	94.50	0			0.0			20	~~2576.6~~	2557.0			0	0	0					
	SUBTOTALS SHEET 12				89.75	448.75	3 ~~0~~	0.00				0.0			~~181.0~~	159.50	0			0.0			10	~~1999.2~~	1961.0			2	0	~~883~~	886				
	SUBTOTALS SHEET 13				121.00	584.50	0	0.00				0.0			~~130.1~~	111.93	0			0.0			8	~~798.0~~	814.0			7	0	~~3900~~	3928				
	SUBTOTALS SHEET 14			153.83	~~153.71~~	37.50	0	0.00				0.0			~~153.3~~	134.91	0			0.0			11	~~1370.5~~	1366.0			0	0	0					
	SUBTOTALS SHEET 15				116.25	822.50	0	0.00				0.0			~~74.7~~	65.41	0			0.0			8	~~938.5~~	906.0			8	0	~~4492~~	4615				
	SUBTOTALS SHEET 16			117.08	~~118.96~~	0.00	0	0.00				0.0			~~177.7~~	154.84	0			0.0			7	~~775.6~~	771.0			0	0	0					
	SUBTOTALS SHEET 17				76.00	37.50	0	0.00				0.0			0.0		0			0.0			8	~~1004.2~~	1014.0			0	0	0					
	SUBTOTALS SHEET 18				115.33	635.00	0	0.00				0.0			~~147.7~~	124.58	0			0.0			6	~~777.7~~	800.0			4	2	~~3614~~	3489				
	SUBTOTALS SHEET 19				169.50	64.00	0	0.00				0.0			~~104.7~~	92.85	0			0.0			17	~~1882.5~~	1880.0			0	0	0					
	SUBTOTALS SHEET 20				120.33	577.00	0	0.00				0.0			~~185.8~~	161.40	0			0.0			4	~~410.4~~	396.0			6	0	~~2662~~	2740				
	SUBTOTALS SHEET 21				150.50	202.50	0	0.00				0.0			~~97.5~~	83.75	0			0.0			11	~~1257.0~~	1285.0			2	0	~~820~~	824				
	SUBTOTALS SHEET 22				106.75	313.50	0	0.00				0.0			~~168.3~~	150.50	0			0.0			18	~~2562.6~~	2505.0			0	0	0					
	SUBTOTALS SHEET 23				118.00	267.50	0	0.00				0.0			~~122.8~~	104.75	0			0.0			12	~~1207.1~~	1225.0			4	0	~~948~~	938				
	SUBTOTALS SHEET 24				141.50	384.50	0	0.00				0.0			~~128.5~~	110.75	0			0.0			8	~~813.2~~	810.0			6	0	~~2055~~	2022				
	SUBTOTALS SHEET 25				176.50	220.00	6 ~~0~~	0.00				0.0			~~65.2~~	69.00	0			0.0			17	~~1677.2~~	1896.0			2	0	~~794~~	824				
	SUBTOTALS SHEET 26			57.25	~~97.25~~	~~1001.75~~ 789.25	~~1~~ 0	0.00				0.0			~~73.1~~	64.75	0			0.0			2 ~~6~~	~~825.8~~	482.0			~~0~~12	0	~~4160~~	3457				
	SUBTOTALS SHEET 27			9.00	~~186.25~~	0.00	0	0.00				0.0			~~94.3~~	28.50	0			0.0			0~~15~~	~~1705.4~~	0.0			0	0	0					
	SUBTOTALS SHEET 28			71.25	~~97.25~~	~~983.50~~ 797.50	0	0.00				0.0			~~67.5~~	35.75	0			0.0			4	~~402.8~~	401.0			0~~12~~	0	~~4819~~	3739.75				
	SUBTOTALS SHEET 29				146.25	491.50	0	0.00				0.0			~~62.8~~	44.75	0			0.0			7	~~869.4~~	832.0			6	0	~~2501~~	2564				
	SUBTOTALS SHEET 30				114.75	347.00	0	0.00				0.0			~~127.5~~	110.35	0			0.0			10	~~1003.2~~	1014.0			4	0	~~1591~~	1577.25				
	SUBTOTALS SHEET 31				159.50	50.00	0	0.00				0.0			~~89.8~~	79.00	0			0.0			13	~~1627.9~~	1566.0			0	0	0					
	SUBTOTALS SHEET 32				100.69	62.50	0	0.00				0.0			~~807.8~~	546.91	0			0.0			4	~~715.7~~	697.0			0	0	0					
	SUBTOTALS SHEET 33				147.82	0.00	0	0.00				0.0			~~187.3~~	165.75	0			0.0			8	~~777.8~~	685.0			0	0	0					
	SUBTOTALS SHEET 34				97.12	0.00	0	0.00				0.0			~~69.9~~	57.75	0			0.0			2	~~195.4~~	156.0			0	0	0					
	SUBTOTALS SHEET 35				165.07	0.00	0	0.00				0.0			~~232.6~~	194.50	0			0.0			8	~~762.6~~	744.0			0	0	0					
	SUBTOTALS SHEET 36				109.87	0.00	0	0.00				0.0			~~148.0~~	123.75	0			0.0			2	~~180.2~~	156.0			0	0	0					
	SUBTOTALS SHEET 37				123.44	0.00	2 ~~0~~	0.00				0.0			~~120.6~~	72.00	0			0.0			6	~~614.0~~	448.0			0	0	0					
	SUBTOTALS SHEET 38				110.22	0.00	0	0.00				0.0			~~94.0~~	81.50	0			0.0			6	~~574.0~~	581.0			0	0	0					
	SUBTOTALS SHEET 39			105.50	~~113.00~~	0.00	0	0.00				0.0			~~118.1~~	103.00	3			0.0			2	~~194.6~~	181.0			0	0	0					
	SUBTOTALS SHEET 40			153.07	~~154.82~~	0.00	~~1~~ 0	0.00				0.0			~~213.8~~	208.75	0			0.0			6	~~574.0~~	614.0			0	0	0					
	SUBTOTALS SHEET 41			127.90	~~121.65~~	0.00	4 ~~0~~	0.00				0.0			~~170.4~~	159.75	3			0.0			2	~~194.6~~	173.0			0	0	0					
	SUBTOTALS SHEET 42				142.00	0.00	~~1~~ 0	0.00				0.0			~~412.8~~	390.00	0			0.0			0	~~0.0~~	0.0			0	0	0					
	SUBTOTALS SHEET 43			110.15	~~99.15~~	0.00	0	0.00				0.0			~~167.1~~	173.75	0			0.0			2	~~253.8~~	225.0			0	0	0					
	SUBTOTALS SHEET 44			103.72	~~92.72~~	0.00	0	0.00				0.0			~~164.4~~	160.50	0			0.0			4	~~402.2~~	386.0			0	0	0					
	SUBTOTALS SHEET 45				134.63	0.00	0	0.00				0.0			~~201.4~~	188.00	0			0.0			6	~~551.2~~	543.0			0	0	0					
												FT	FT	FT	FT	FT	FT	EA. 6		LB	LB	LB		LB	LB	LB	LB								
	SUBTOTALS SHEET 75				SF ~~5676.11~~ 5620.42	SF ~~11302.75~~ 10798.25	EA ~~0~~ 23	SF 0.00				FT 0.0			FT ~~7125.5~~ 5891.15					LB 0.0			EA ~~387~~ 368	LB ~~45702~~ 43259				EA ~~115~~ 109	EA 2	LB ~~50346~~ 47815.50					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN (44)**

FILE NAME: z12A528tsstotals.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 75

PLOT DATE: 4/15/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 132 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 76

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 2.0 2.5 lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 4.0 4.0Mod lb/ft 1.3	1.7	1.7	TUBULAR STEEL DIA (in) FND-ATION	3.0 3.5 4.0 5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	SUBTOTALS SHEET 46				100.44	0.00	0	0.00				0.0			~~91.1~~ 78.5			1	0.0			4	~~398.0~~ 408.0				0	0	0							
	SUBTOTALS SHEET 47				100.63	0.00	0	0.00				0.0			~~73.1~~ 67.5			0	0.0			6	~~601.8~~ 503.0				0	0	0							
	SUBTOTALS SHEET 48				77.95	0.00	2 ~~0~~	0.00				0.0			~~73.1~~ 72.0			0	0.0			4	~~326.2~~ 361.0				0	0	0							
	SUBTOTALS SHEET 49				76.20	0.00	0	0.00				0.0			~~85.2~~ 84.5			0	0.0			2	~~225.8~~ 203.0				0	0	0							
	SUBTOTALS SHEET 50				43.70	0.00	3 ~~2~~	0.00				0.0			~~32.8~~ 32.25			0	0.0			4	~~321.0~~ 329.0				0	0	0							
	SUBTOTALS SHEET 51				68.01	0.00	0	0.00				0.0			~~99.8~~ 101.25			0	0.0			2	~~195.4~~ 213.0				0	0	0							
	SUBTOTALS SHEET 52				73.76	0.00	4 ~~3~~	0.00				0.0			~~139.7~~ 129.0			0	0.0			4	~~462.2~~ 386.0				0	0	0							
	SUBTOTALS SHEET 53				95.38	0.00	4 ~~3~~	0.00				0.0			~~95.6~~ 84.58			0	0.0			6	~~523.1~~ 564.0				0	0	0							
	SUBTOTALS SHEET 54				75.88	0.00	0	0.00				0.0			~~55.8~~ 49.5			0	0.0			6	~~538.3~~ 574.0				0	0	0							
	SUBTOTALS SHEET 55				60.14	0.00	4	0.00				0.0			~~48.7~~ 44.5			0	0.0			6	~~487.4~~ 493.0				0	0	0							
	SUBTOTALS SHEET 56			77.89	~~76.89~~	0.00	2	0.00				0.0			~~99.8~~ 97.25			0	0.0			4	~~435.8~~ 810.0				0	0	0							
	SUBTOTALS SHEET 57				70.19	0.00	3	0.00				0.0			~~93.8~~ 84.25			0	0.0			4	~~310.2~~ 313.0				0	0	0							
	SUBTOTALS SHEET 58				54.69	0.00	0	0.00				0.0			~~129.2~~ 123.75			1	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 59			74.95	~~72.95~~	0.00	0	0.00				0.0			~~113.6~~ 115.0			0	0.0			2	~~289.8~~ 284.0				0	0	0							
	SUBTOTALS SHEET 60			105.76	~~96.76~~	0.00	0	0.00				0.0			~~102.5~~ 106.5			0	0.0			2	~~176.4~~ 205.0				0	0	0							
	SUBTOTALS SHEET 61				123.15	0.00	0	0.00				0.0			~~121.3~~ 104.84			0	0.0			~~8~~ 6	~~754.2~~ 597.0				0	0	0							
	SUBTOTALS SHEET 62				157.00	0.00	0	0.00				0.0			~~219.5~~ 197.89			0	0.0			8	~~758.0~~ 700.0				0	0	0							
	SUBTOTALS SHEET 63				111.47	0.00	1 ~~0~~	0.00				0.0			~~182.2~~ 164.49			0	0.0			4	~~371.8~~ 380.0				0	0	0							
	SUBTOTALS SHEET 64				70.50	0.00	6	0.00				0.0			~~176.2~~ 167.49			0	0.0			2	~~176.4~~ 190.0				0	0	0							
	SUBTOTALS SHEET 65				86.45	0.00	0	0.00				0.0			~~55.4~~ 49.0			0	0.0			4	~~445.2~~ 482.0				0	0	0							
	SUBTOTALS SHEET 66				69.20	0.00	2 ~~0~~	0.00				0.0			~~40.8~~ 35.67			0	0.0			6	~~506.4~~ 530.0				0	0	0							
	SUBTOTALS SHEET 67				96.76	0.00	1	0.00				0.0			~~153.6~~ 136.08			0	0.0			4	~~311.0~~ 317.0				0	0	0							
	SUBTOTALS SHEET 68				99.25	0.00	0	0.00				0.0			~~273.9~~ 258.0			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 69				62.19	0.00	3 ~~0~~	0.00				0.0			~~167.5~~ 158.50			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 70				62.00	0.00	2 ~~0~~	0.00				0.0			~~142.0~~ 144.5			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 71				77.75	0.00	0	0.00				0.0			~~211.0~~ 189.75			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 72				86.50	0.00	0	0.00				0.0			~~240.7~~ 225.0			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 73				70.25	0.00	0	0.00				0.0			~~221.6~~ 195.25			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 74				67.25	0.00	0	0.00				0.0			~~197.9~~ 172.5			0	0.0			0	0.0				0	0	0							
	SUBTOTALS SHEET 75			5620.42	~~5876.11~~	~~11382.75~~ 10798.25	~~0~~ 23	0.00				0.0			7125.5	5891.15		6	0.0			~~307~~ 368	45782.04	43259.0			115	2	~~50346~~	47815.5						
	SUBTOTAL			8015.71	~~8259.40~~	~~11382.75~~ 10798.25	24 ~~60~~	0.00				0.0			~~10660.1~~ 9360.44			8	0.0			~~479~~ 458	54228.4	52101.0			~~115~~	2	~~50346~~	47815.5						
	ROUNDING			0.29	~~0.60~~	~~2.25~~ 0.05	0	0.00				0.0			~~4.9~~ -0.44			0	0.0			0	~~1.6~~ 0.0				0	0	~~4~~ 0.5							

												FT	FT	FT	FT	FT	FT		EA. 8	LB	LB	LB		LB	LB	LB	LB										
	PROJECT TOTALS		SF ~~8260.00~~ 8016.00	SF ~~11385.00~~ 10798.30	EA. ~~24~~ 60	SF 0.00						FT 0.0			FT ~~10885~~ 9360				LB 0.0			EA. ~~479~~ 458	LB ~~54230~~ 52101				EA. ~~115~~ 109	EA. 2	LB ~~50350~~ 47816							

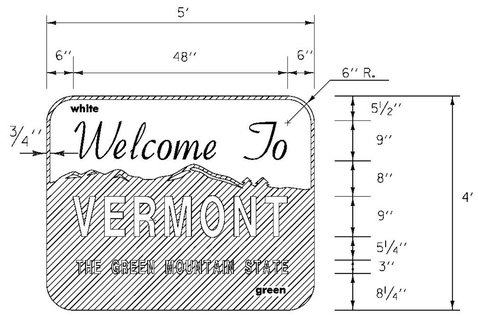
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

PROJECT NAME: **GUILFORD-ROCKINGHAM**
PROJECT NUMBER: **IMG SIGN (44)**

FILE NAME: z12A528tsstotals.xlsb
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
TRAFFIC SIGN SUMMARY SHEET 76

PLOT DATE: 4/15/2014
DRAWN BY: J. SMITH
CHECKED BY: D. MUNRO
SHEET 133 OF 157

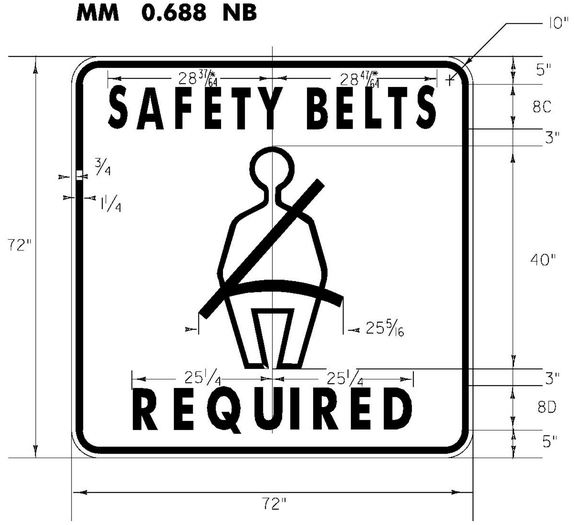
MM 0.019 NB



VD-421

NOTE:
FOR THE WORDS "WELCOME TO" USE GERBER FONT MURRAY HILL BOLD OR EQUIVALENT. TEXT COLOR SHALL BE GREEN. ALL OTHER TEXT USE GERBER FONT SOUVENIR DEMI BOLD OR EQUIVALENT. TEXT COLOR SHALL BE WHITE. REFER TO STD. E-131 FOR COLORS.
MATERIALS:
THE SIGN BASE MATERIALS FOR THIS SIGN SHALL BE FLAT SHEET ALUMINUM 0.125" (MINIMUM).

MM 0.688 NB

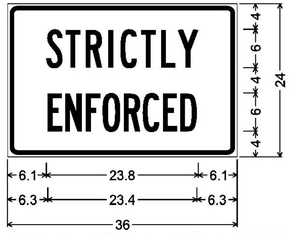


VR-128

*REDUCE SPACING 50%
COLORS: BLACK TEXT & BORDER ON WHITE RETROREFLECTIVE BACKGROUND

MM 0.783 NB

2.5" Radius, 1.0" Border, 0.6" Indent
Red On White; 400' Radius Red Circle



1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[STRICTLY] B 2K;
[ENFORCED] B 2K 50% spacing;

GENERAL SIGN DETAIL NOTES

1. THE NOTE BELOW EACH SIGN DETAIL INCLUDES THE CORNER RADII, BORDER WIDTH, TEXT COLOR, BACKGROUND COLOR AND TEXT SERIES TO BE USED. COLOR IS SPECIFIED AS LEGEND/BORDER COLOR "ON" BACKGROUND COLOR (I.E., WHITE ON BLUE).

2. UNLESS NOTED OTHERWISE ON THESE DETAILS OR ON THE TRAFFIC SIGN SUMMARY SHEETS, THE FOLLOWING COLORS AND RETROREFLECTIVITY SHALL APPLY:

   a. TYPE A SIGNS:
      - WHITE LEGEND/BORDER SHALL BE ASTM D4956 TYPE III RETROREFLECTIVE (MIN.).
      - GREEN, BLUE, YELLOW OR WHITE BACKGROUND SHALL BE ASTM D4956 TYPE III RETROREFLECTIVE (MIN.).

   b. TYPE B SIGNS:
      - WHITE LEGEND/BORDER SHALL BE ASTM D4956 TYPE IX RETROREFLECTIVE (MIN.).
      - GREEN, BLUE, YELLOW OR WHITE BACKGROUND SHALL BE ASTM D4956 TYPE III RETROREFLECTIVE (MIN.).

   c. TYPE A SIGNS MOUNTED AJACENT TO TYPE B SIGNS SHALL HAVE THE SAME LEGEND, BORDER AND BACKGROUND RETROREFLECTIVITY AS THE TYPE B SIGN.

   d. ALL COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY AASHTO AND APPROVED BY FHWA.

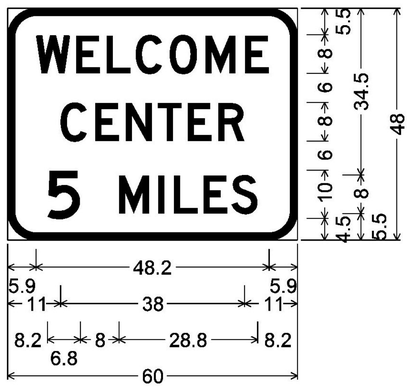
3. TEXT LAYOUT DIMENSIONS ARE BASED ON THE CLEARVIEW FONT OR THE STANDARD ALPHABETS SPACING CHARTS FOUND IN THE MUTCD "STANDARD HIGHWAY SIGNS" PUBLICATION. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES WHICH AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VTRANS TRAFFIC AND SAFETY SECTION BEFORE FABRICATION.

4. UNLESS NOTED OTHERWISE, THE DESIGN/DIMENSIONS FOR SYMBOLS SHOWN ON THESE SIGNS CAN BE FOUND IN VTRANS' STANDARDS OR IN THE STANDARD HIGHWAY SIGNS PUBLICATION.

5. FOR GUIDE SIGN ROUTE MARKER DETAILS, SEE "STANDARD HIGHWAY SIGNS" PUBLICATION AND VTRANS STANDARD E-136B.

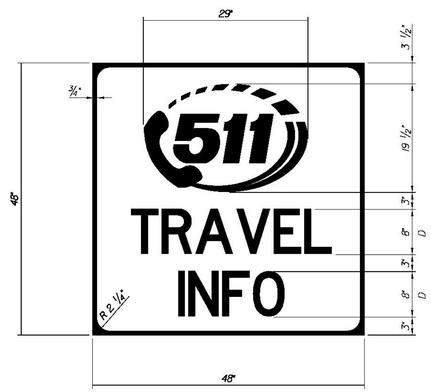
6. THE NOTE BELOW EACH GUIDE SIGN DETAIL SPECIFIES APPROPRIATE ARROW LENGTHS WHEN APPLICABLE. FOR ARROW DIMENSIONS REFER TO GUIDE SIGN ARROW DETAILS IN THE STANDARD HIGHWAY SIGNS PUBLICATION.

7. SEE CHART BELOW FOR MINIMUM SHEET ALUMINUM THICKNESSES FOR TYPE A SIGNS. TYPE B SIGNS, AND TYPE A SIGNS THAT ARE ATTACHED TO TYPE B SIGNS, SHALL BE COMPRISED OF EXTRUDED ALUMINUM (REFER TO SECTION 675 OF THE SPECIFICATIONS).



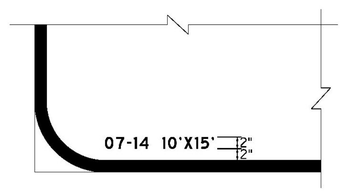
6.0" Radius, 1.5" Border, White on Blue;
[WELCOME] D 2K;
[CENTER] D 2K; [5] D 2K;
[MILES] D 2K;

MM 2.084 NB
MM 14.100 SB



VD-123

LEGEND: WHITE (RETROREFLECTIVE)
BACKGROUND: BLUE (RETROREFLECTIVE)



TYPE B SIGN DATE DETAIL

NOTES:
1. ALL TYPE B SIGNS SHALL HAVE THE DATE OF MANUFACTURE AND SIGN DIMENSIONS PLACED IN THE LOWER LEFT CORNER OF THE SIGN.
2. DATE SHALL BE FORMATTED TO MONTH-YEAR (MM-YY). DIMENSIONS SHALL BE IN FEET.
3. LETTERS AND NUMBERS SHALL BE TWO IN. (50 MM) NON-REFLECTIVE WHITE ADHESIVE PRESSURE COPY.
4. APPLICATION OF COPY FOR TYPE B SIGNS SHALL BE CUT-OUT OR SILK SCREENED AS SPECIFIED BY THE SHEETING MANUFACTURER.

SIGN SIZE	12" X 12"		
	18" X 18"		
	21" X 15"		
	24" X 8"		
	24" X 10"		48" X 18"
	24" X 12"	36" X 12"	48" X 24"
	24" X 18"	36" X 15"	48" X 30"
	24" X 24"	36" X 18"	48" X 42"
	24" X 30"	36" X 24"	48" X 48"
	30" X 15"	36" X 36"	48" X 60"
	30" X 18"	36" X 42"	72" X 10"
	30" X 30"	36" X 48"	72" X 12"
	30" X 42"	36" X 54"	72" X 20"
THICKNESS	0.080"	0.100"	0.125"

SHEET ALUMINUM THICKNESS CHART

CLD 12-0350 MODEL: SIGN01

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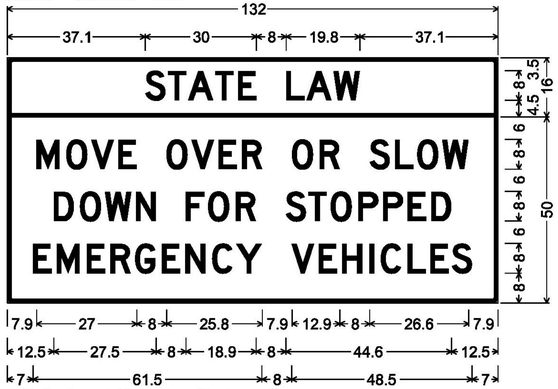
cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 1

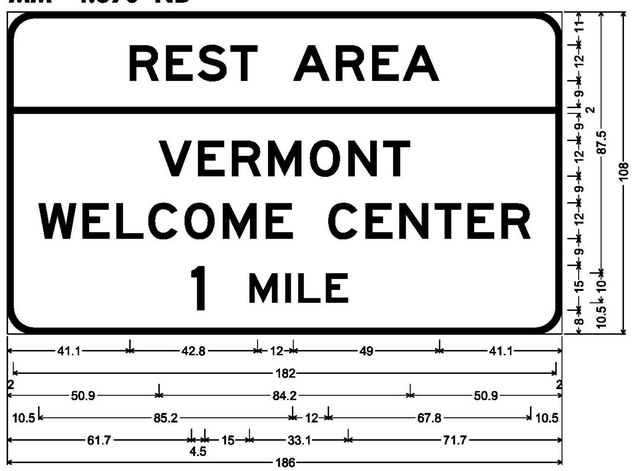
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 134 OF 157

MM 0.926 NB



1.5" Radius, 1.0" Border, Black on Fluorescent yellow;
[STATE LAW] D 2K;
1.5" Radius, 1.0" Border, Black on White;
[MOVE OVER OR SLOW] D 2K;
[DOWN FOR STOPPED] D 2K;
[EMERGENCY VEHICLES] D 2K;

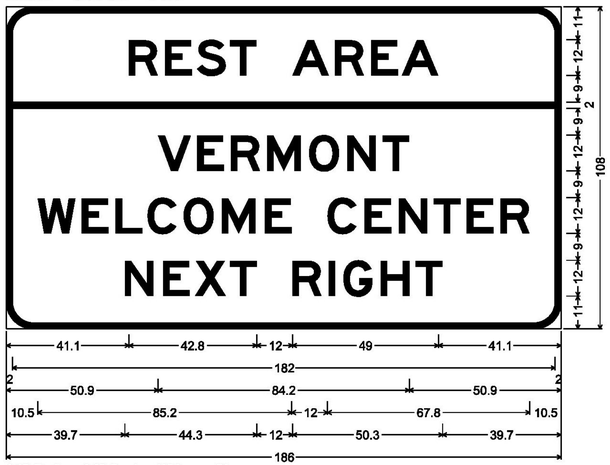
MM 4.670 NB



9.0" Radius, 2.0" Border, White on Blue;
[REST] E 2K; [AREA] E 2K; [VERMONT] E 2K; [WELCOME] E 2K; [CENTER] E 2K;
[1] E 2K; [MILE] E 2K;

6.0" Radius, 1.5" Border, White on Blue;
[NEXT FACILITY] E 2K; [95] E 2K; [MILES] E 2K;

MM 5.187 NB

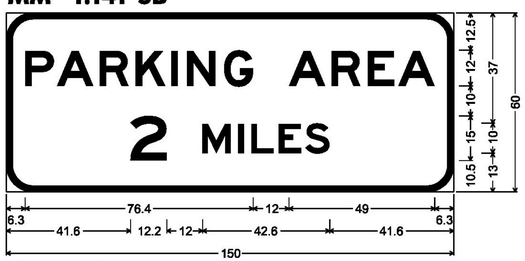


9.0" Radius, 2.0" Border, White on Blue;
[REST] E 2K; [AREA] E 2K; [VERMONT] E 2K; [WELCOME] E 2K; [CENTER] E 2K;
[NEXT RIGHT] E 2K;

6.0" Radius, 1.0" Border, White on Blue;
[OPEN 24 HRS] E 2K;

1.5" Radius, 0.5" Border, White on Blue;
[WiFi] C specified length;

MM 1.141 SB

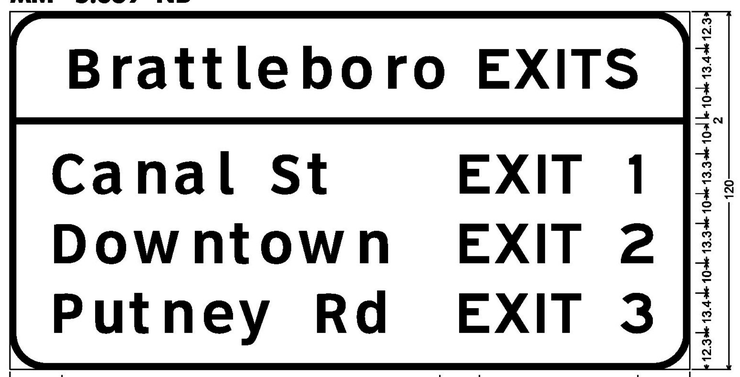


9.0" Radius, 2.0" Border, White on Blue;
[PARKING AREA] E 2K; [2] E 2K; [MILES] E 2K;

MM 5.579 NB

9.0" Radius, 2.0" Border, White on Blue;
[REST] E 2K; [AREA] E 2K;
Arrow 133 - 30.0° 30°;

MM 5.689 NB



12.0" Radius, 2.0" Border, White on Green;
[Brattleboro] ClearviewHwy-5-W; [EXITS] E 2K; [Canal St] ClearviewHwy-5-W; [EXIT] E 2K; [1] E 2K;
[Downtown] ClearviewHwy-5-W; [EXIT 2] E 2K; [Putney Rd] ClearviewHwy-5-W; [EXIT 3] E 2K;

CLD 12-0350 MODEL: SIGN02

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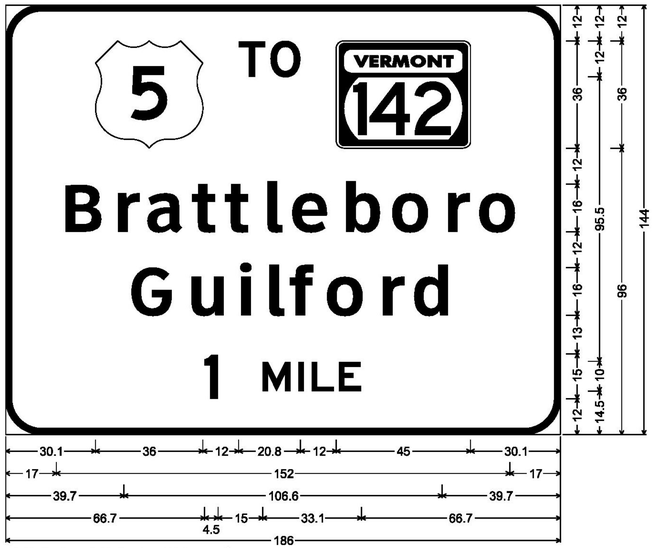
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 2

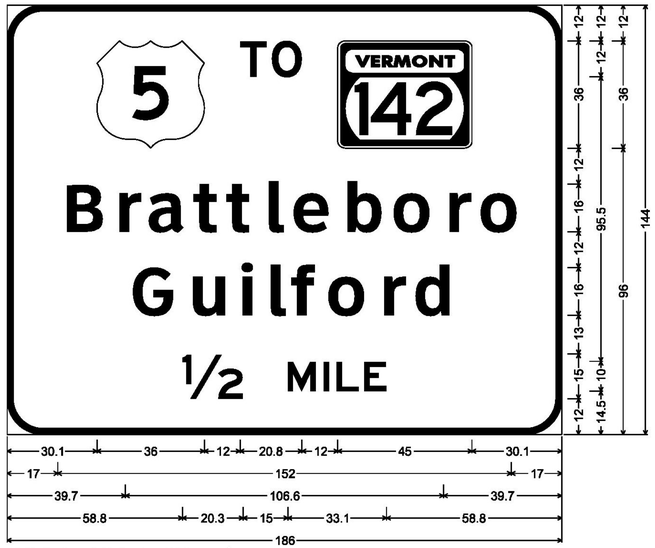
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 135 OF 157

MM 6.129 NB
MM 8.860 SB



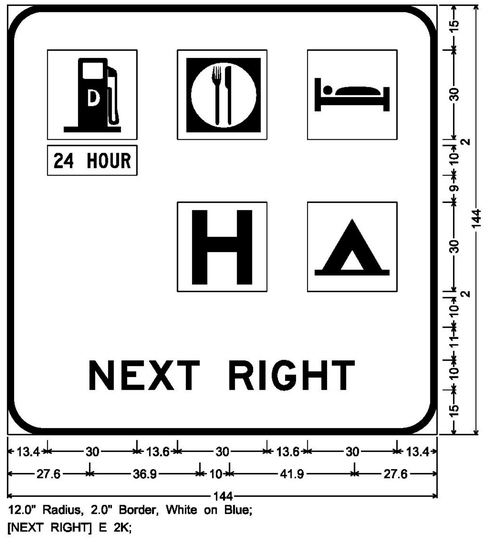
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT142; [Brattleboro] ClearviewHwy-5-W; [Guilford] ClearviewHwy-5-W;
[1] E 2K; [MILE] E 2K;

MM 8.450 SB



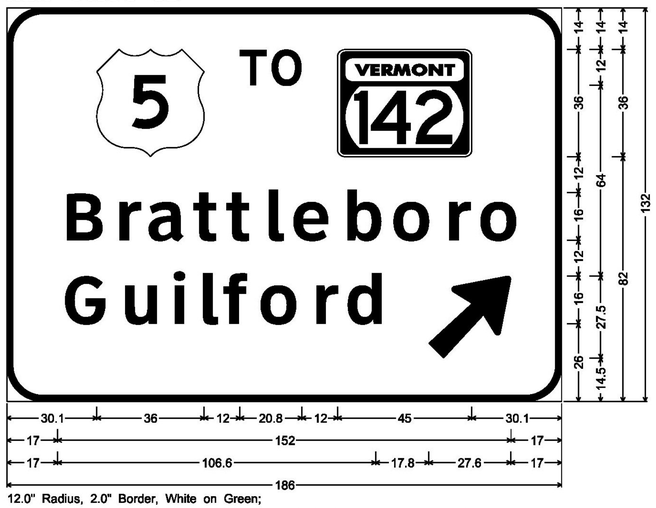
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT142; [Brattleboro] ClearviewHwy-5-W; [Guilford] ClearviewHwy-5-W;
[½] E 2K; [MILE] E 2K;

MM 7.050 NB
MM 8.050 SB



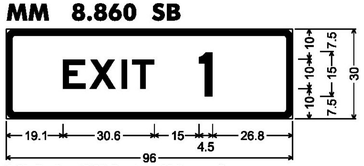
12.0" Radius, 2.0" Border, White on Blue;
[NEXT RIGHT] E 2K;

MM 7.248 NB
MM 7.870 SB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT142; [Brattleboro] ClearviewHwy-5-W; [Guilford] ClearviewHwy-5-W;
Arrow 160 - 35.0° 45°;

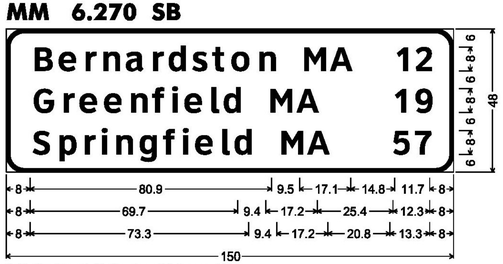
MM 6.129 NB
MM 7.248 NB
MM 7.870 SB
MM 8.450 SB
MM 8.860 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E 2K; [1] E 2K;

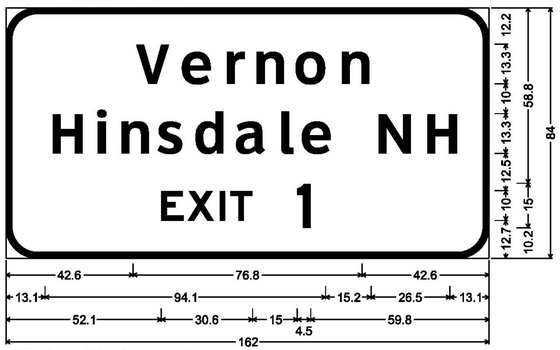
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 7

MM 6.270 SB



6.0" Radius, 1.3" Border, White on Green;
[Bernardston MA] ClearviewHwy-5-W; [12] ClearviewHwy-5-W;
[Greenfield MA] ClearviewHwy-5-W; [19] ClearviewHwy-5-W;
[Springfield MA] ClearviewHwy-5-W; [57] ClearviewHwy-5-W;

MM 6.607 NB
MM 8.650 SB



10.5" Radius, 2.0" Border, White on Green;
[Vernon] ClearviewHwy-5-W; [Hinsdale NH] ClearviewHwy-5-W; [EXIT] E 2K;
[1] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 7

CLD 12-0350 MODEL: SIGN03

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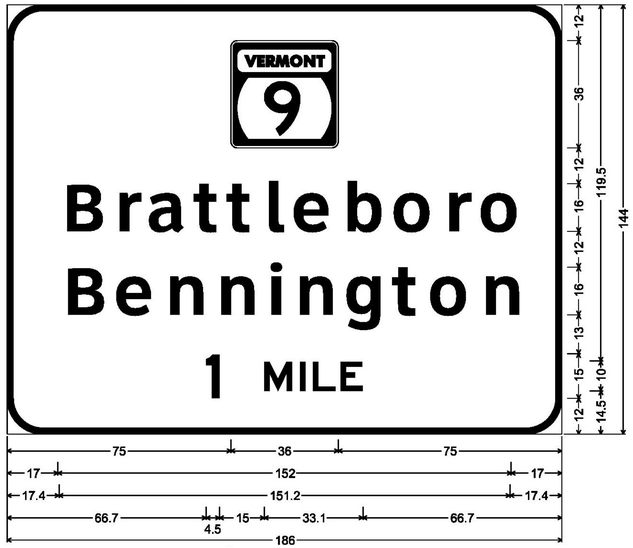
cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 3

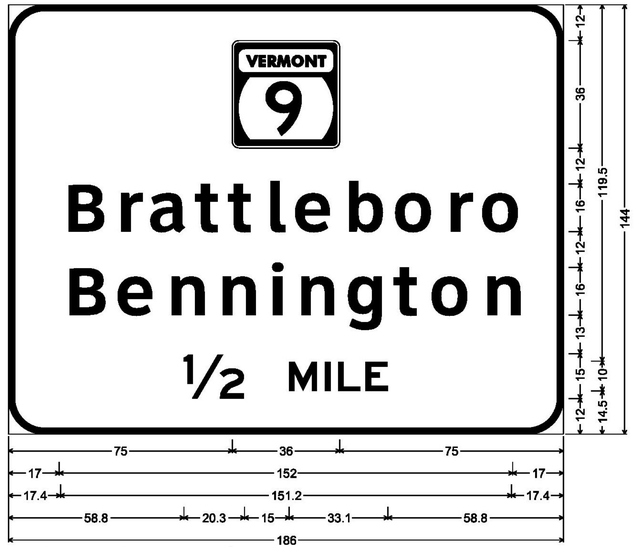
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 136 OF 157

MM 8.078 NB
MM 10.200 SB



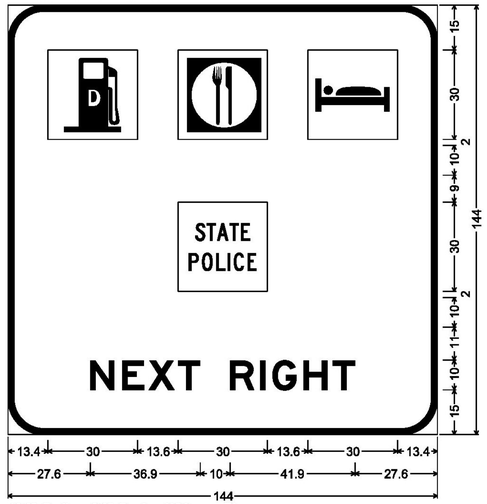
12.0" Radius, 2.0" Border, White on Green;
VT 9; [Brattleboro] ClearviewHwy-5-W; [Bennington] ClearviewHwy-5-W; [1] E 2K;
[MILE] E 2K;

MM 9.720 SB



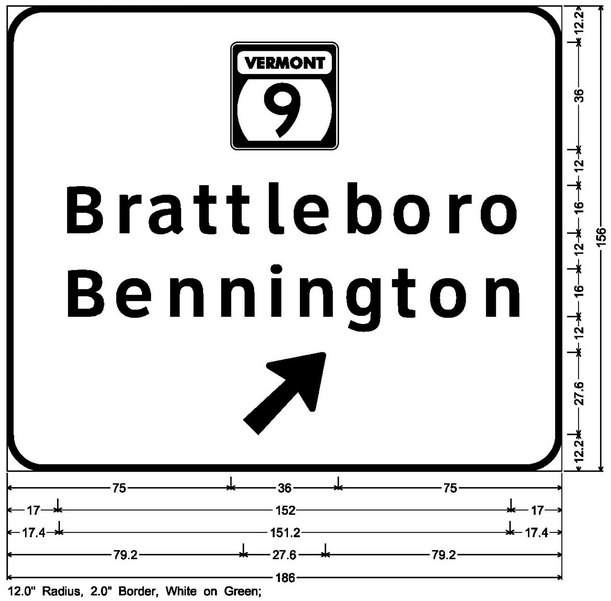
12.0" Radius, 2.0" Border, White on Green;
VT 9; [Brattleboro] ClearviewHwy-5-W; [Bennington] ClearviewHwy-5-W; [½] E 2K;
[MILE] E 2K;

MM 8.662 NB
MM 9.583 SB



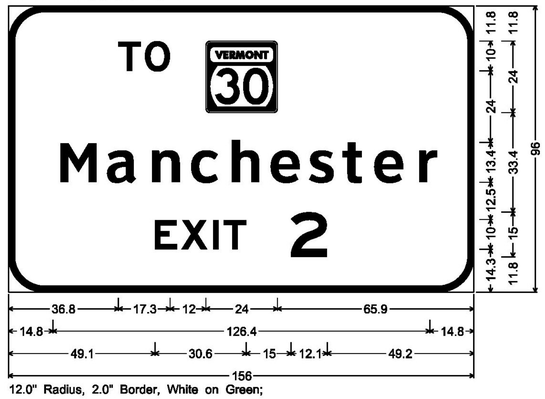
12.0" Radius, 2.0" Border, White on Green;
[NEXT RIGHT] E 2K;

MM 8.929 NB
MM 9.255 SB



12.0" Radius, 2.0" Border, White on Green;
VT 9; [Brattleboro] ClearviewHwy-5-W; [Bennington] ClearviewHwy-5-W;
Arrow 160 - 35.0° 45°;

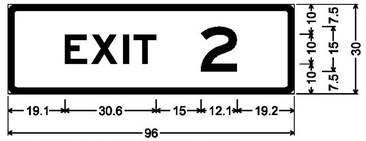
MM 8.232 NB
MM 9.883 SB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT30; [Manchester] ClearviewHwy-5-W; [EXIT] E 2K; [2] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 9

MM 8.078 NB
MM 8.929 NB
MM 9.255 SB
MM 9.720 SB
MM 10.200 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E 2K; [2] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 9

CLD 12-0350 MODEL: SIGN04

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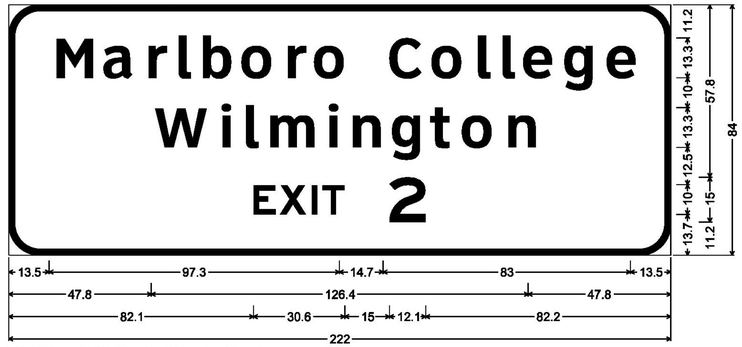
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 4

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO

MM 8.548 NB
MM 10.033 SB



10.5" Radius, 2.0" Border, White on Green;
[Marlboro College] ClearviewHwy-5-W; [Wilmington] ClearviewHwy-5-W; [EXIT] E 2K; [2] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 9

MM 8.834 NB

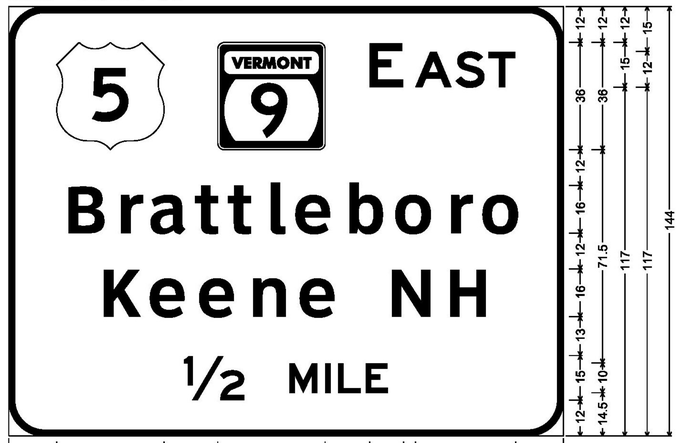
12.0" Radius, 2.0" Border, White on Green;
VT9; [E AST] E 2K; [Keene NH] ClearviewHwy-5-W;
[USE EXIT] E 2K; [3] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 11

MM 10.460 NB
MM 12.920 SB

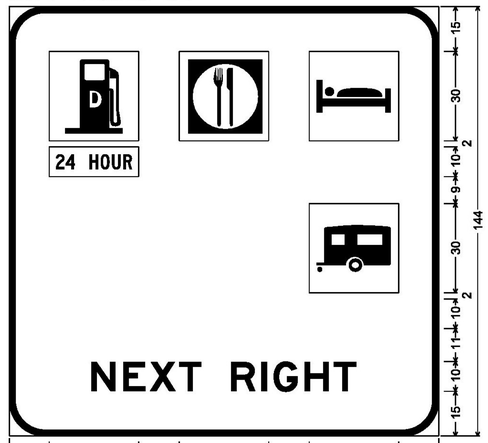
12.0" Radius, 2.0" Border, White on Green;
9; [E AST] E 2K; [Brattleboro] ClearviewHwy-5-W; [Keene NH] ClearviewHwy-5-W;
[1] E 2K; [MILE] E 2K;

MM 10.880 NB
MM 12.271 SB



12.0" Radius, 2.0" Border, White on Green;
9; [E AST] E 2K; [Brattleboro] ClearviewHwy-5-W; [Keene NH] ClearviewHwy-5-W;
[1/2] E 2K; [MILE] E 2K;

MM 11.029 NB
MM 12.025 SB



12.0" Radius, 2.0" Border, White on Blue;
[NEXT RIGHT] E 2K;

MM 11.180 NB
MM 11.840 SB

12.0" Radius, 2.0" Border, White on Green;
9; [E AST] E 2K; [Brattleboro] ClearviewHwy-5-W; [Keene NH] ClearviewHwy-5-W; Arrow 160 - 35.0" 45°;

CLD 12-0350 MODEL: SIGN05

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cld@cldengineers.com • www.cldengineers.com
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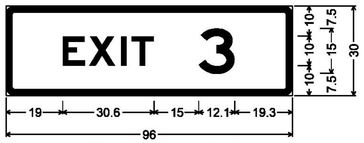
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 5

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 138 OF 157

MM 10.460 NB
MM 10.880 NB
MM 11.180 NB
MM 11.840 SB
MM 12.271 SB
MM 12.920 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E 2K; [3] E 2K;

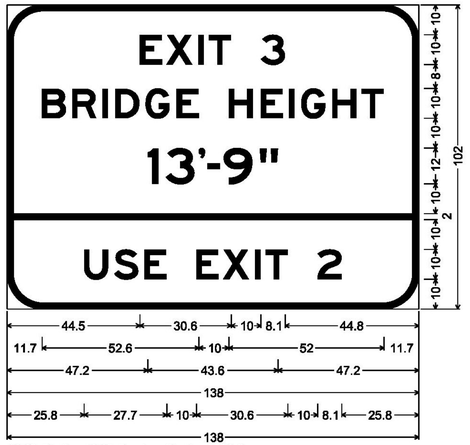
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER II

MM 10.700 NB
MM 12.798 SB

10.5" Radius, 2.0" Border, White on Green;
[World Learning] ClearviewHwy-5-W; [SIT Grad Inst] ClearviewHwy-5-W; [EXIT] E 2K; [3] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER II

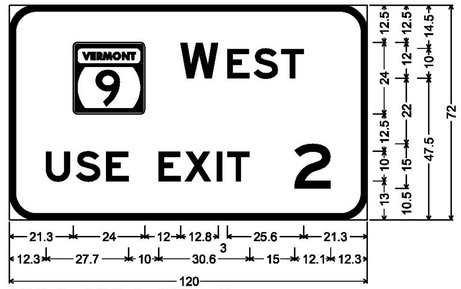
MM 12.150 SB



12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E 2K; [3] E 2K; [BRIDGE HEIGHT] E 2K; [13'-9"] E 2K;
[USE EXIT] E 2K; [2] E 2K;

LAYOUT OF SIGN LEGEND TO ACCOMMODATE
FUTURE EXIT NUMBER 9 & II

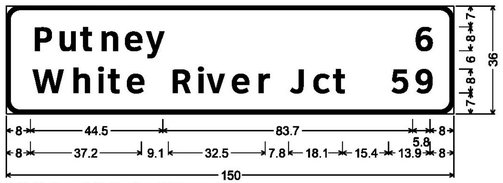
MM 12.578 SB



9.0" Radius, 2.0" Border, White on Green;
VT9; [W EST] E 2K; [USE EXIT] E 2K; [2] E 2K;

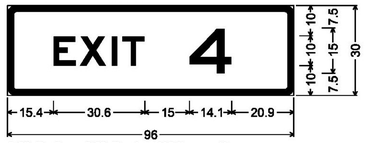
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 9

MM 12.368 NB



4.5" Radius, 1.3" Border, White on Green;
[Putney] ClearviewHwy-5-W; [6] ClearviewHwy-5-W;
[White River Jct] ClearviewHwy-5-W; [59] ClearviewHwy-5-W;

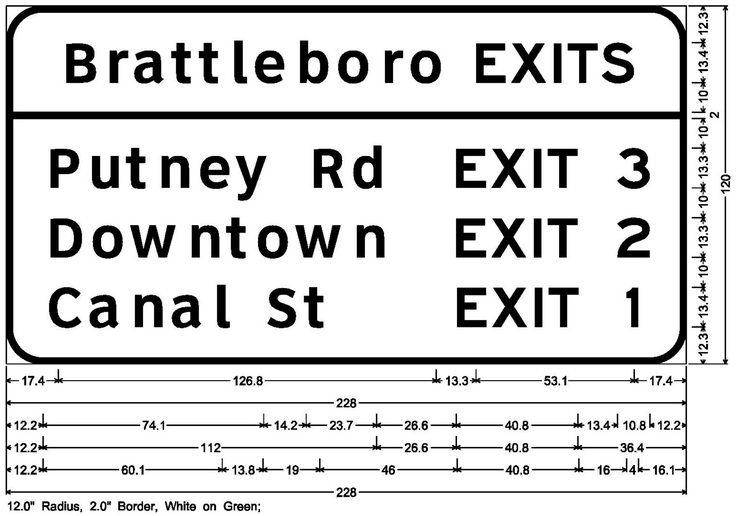
MM 16.491 NB
MM 17.532 NB
MM 17.888 NB
MM 18.161 SB
MM 18.570 SB
MM 19.114 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E 2K; [4] E 2K;

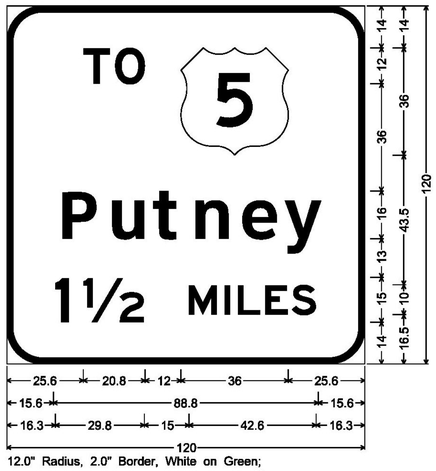
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 18

MM 13.255 SB



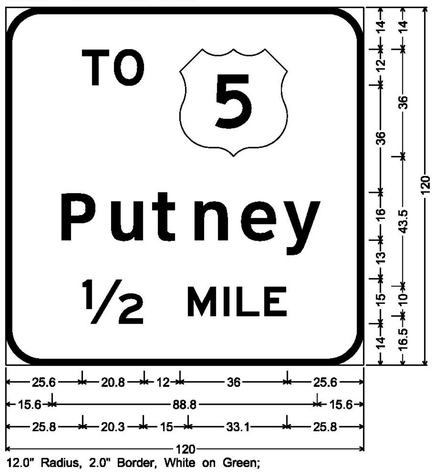
12.0" Radius, 2.0" Border, White on Green;
[Brattleboro] ClearviewHwy-5-W; [EXITS] E 2K; [Putney Rd] ClearviewHwy-5-W; [EXIT 3] E 2K;
[Downtown] ClearviewHwy-5-W; [EXIT 2] E 2K; [Canal St] ClearviewHwy-5-W; [EXIT] E 2K; [1] E 2K;

MM 16.491 NB



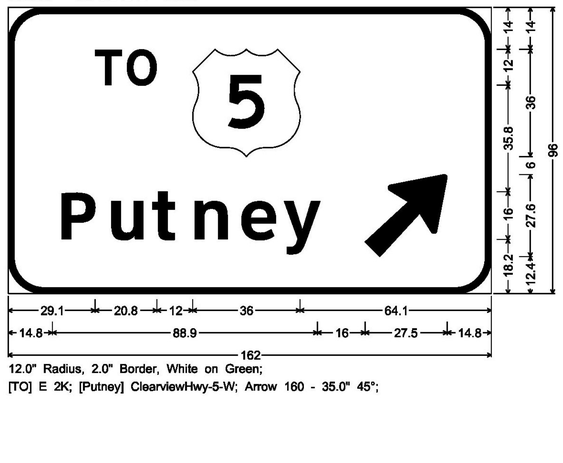
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; [Putney] ClearviewHwy-5-W; [1½] E 2K;
[MILES] E 2K;

MM 17.532 NB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; [Putney] ClearviewHwy-5-W; [½] E 2K;
[MILE] E 2K;

MM 17.888 NB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; [Putney] ClearviewHwy-5-W; Arrow 160 - 35.0° 45°;

CLD 12-0350 MODEL: SIGN06

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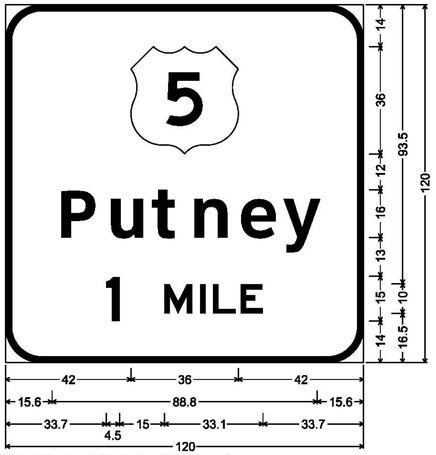
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 6

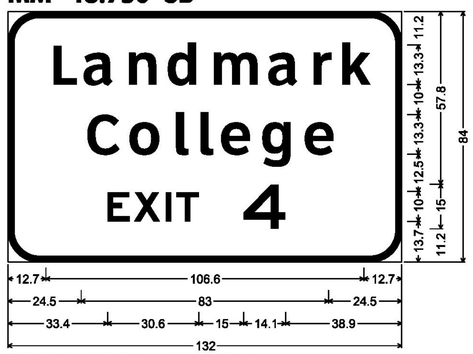
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 139 OF 157

MM 19.114 SB



12.0" Radius, 2.0" Border, White on Green;
[Putney] ClearviewHwy-5-W; [1 MILE] E 2K;

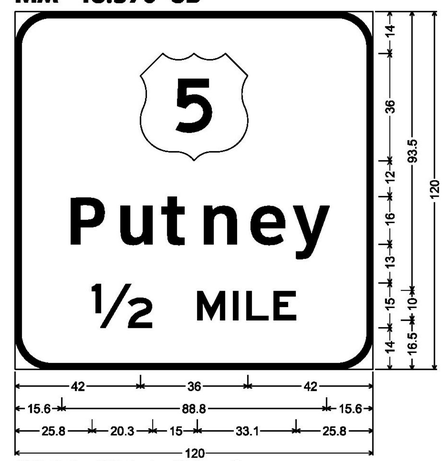
MM 17.275 NB
MM 18.750 SB



10.5" Radius, 2.0" Border, White on Green;
[Landmark] ClearviewHwy-5-W; [College] ClearviewHwy-5-W;
[EXIT] E 2K; [4] E 2K;

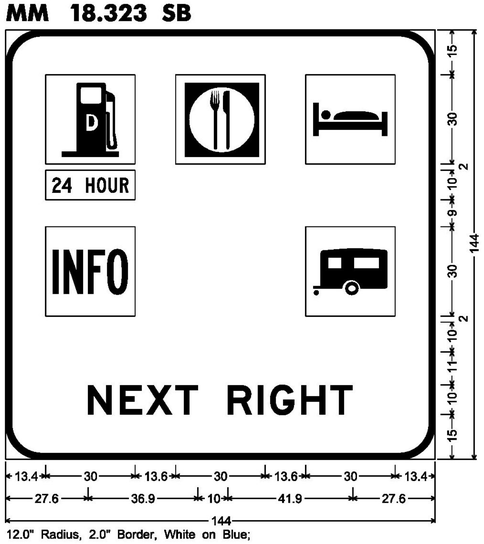
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 18

MM 18.570 SB



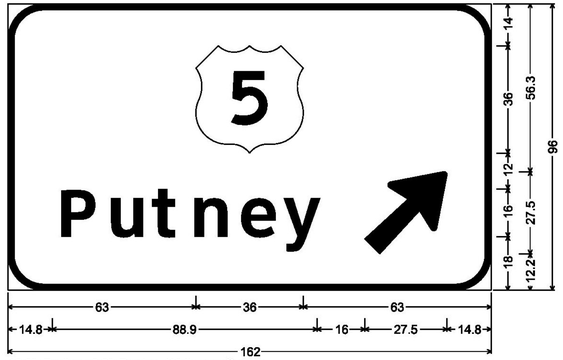
12.0" Radius, 2.0" Border, White on Green;
[Putney] ClearviewHwy-5-W; [½] E 2K; [MILE] E 2K;

MM 17.684 NB
MM 18.323 SB



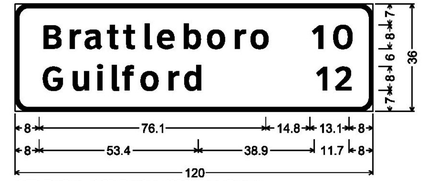
12.0" Radius, 2.0" Border, White on Blue;
[NEXT RIGHT] E 2K;

MM 18.161 SB



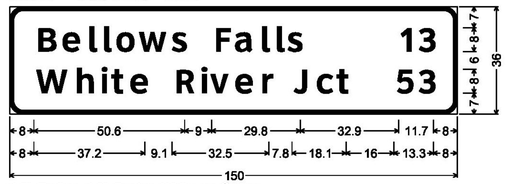
12.0" Radius, 2.0" Border, White on Green;
[Putney] ClearviewHwy-5-W; Arrow 160 - 35.0" 45°;

MM 17.230 SB



4.5" Radius, 1.3" Border, White on Green;
[Brattleboro] ClearviewHwy-5-W; [10] ClearviewHwy-5-W;
[Guilford] ClearviewHwy-5-W; [12] ClearviewHwy-5-W;

MM 18.920 NB



4.5" Radius, 1.3" Border, White on Green;
[Bellows Falls] ClearviewHwy-5-W; [13] ClearviewHwy-5-W;
[White River Jct] ClearviewHwy-5-W; [53] ClearviewHwy-5-W;

CLD 12-0350 MODEL: SIGN07

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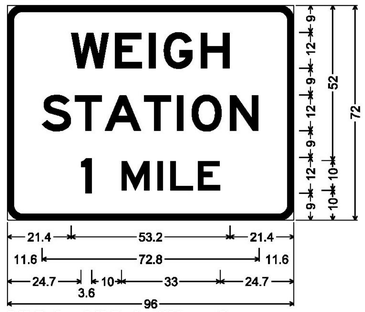
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 7

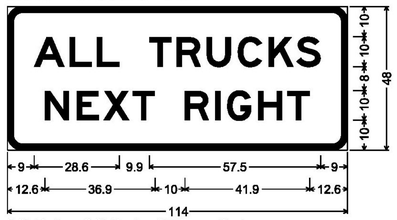
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 140 OF 157

MM 19.360 NB
MM 23.005 SB



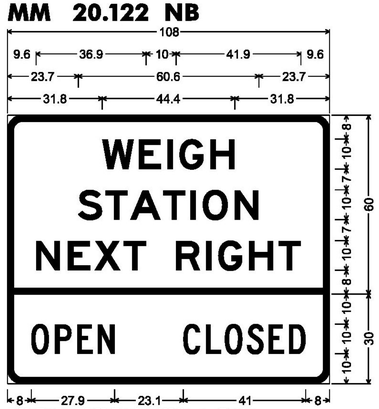
5.0" Radius, 2.0" Border, White on Green;
[WEIGH] E 2K; [STATION] E 2K; [1] E 2K;
[MILE] E 2K;

MM 19.820 NB



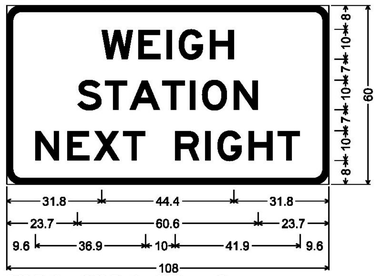
5.0" Radius, 2.0" Border, White on Black;
[ALL TRUCKS] E 2K; [NEXT RIGHT] E 2K;

MM 20.122 NB



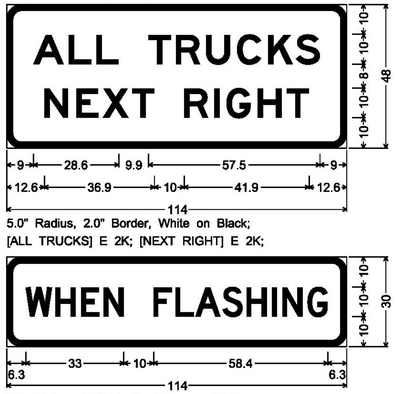
5.0" Radius, 2.0" Border, White on Green;
[WEIGH] E 2K; [STATION] E 2K;
[NEXT RIGHT] E 2K;
5.0" Radius, 2.0" Border, White on Green;
[OPEN] C 2K; [CLOSED] C 2K;

MM 22.324 SB



5.0" Radius, 2.0" Border, White on Green;
[WEIGH] E 2K; [STATION] E 2K;
[NEXT RIGHT] E 2K;

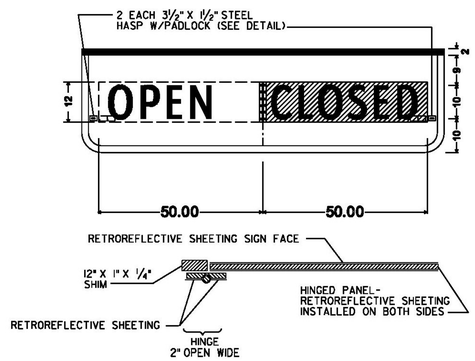
MM 22.709 SB



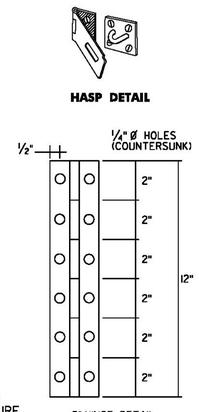
5.0" Radius, 2.0" Border, White on Black;
[ALL TRUCKS] E 2K; [NEXT RIGHT] E 2K;

5.0" Radius, 2.0" Border, Black on White;
[WHEN FLASHING] D 2K 75% spacing;

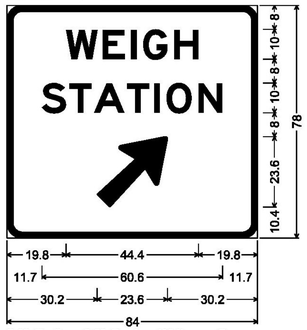
ONE FLASHING BEACON WILL BE INSTALLED ON EACH SIDE OF THE "WHEN FLASHING" SIGN



THE CENTRALLY HINGED PANEL TO HAVE THE WORD "OPEN" DISPLAYED WHEN SWUNG TO THE RIGHT AND "CLOSED" DISPLAYED WHEN SWUNG TO THE LEFT ON THE PARENT SIGN. FURNISH AND MOUNT STAINLESS STEEL RETAINERS TO SECURE THE PANEL IN EITHER POSITION. PANEL POSITION WILL BE CHANGED FROM THE GROUND WITH A POLE. HINGE TO BE COVERED WITH SAME RETROREFLECTORIZED MATERIAL AS MAIN SIGN. ADJUST LETTER TO LETTER SPACING TO CLEAR HINGE IF NECESSARY.

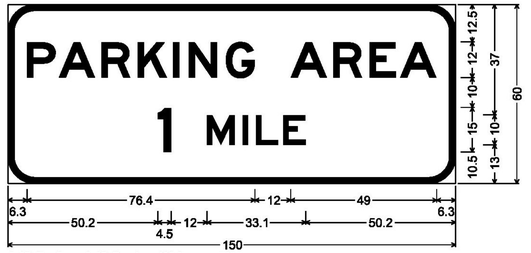


MM 20.402 NB
MM 22.012 SB



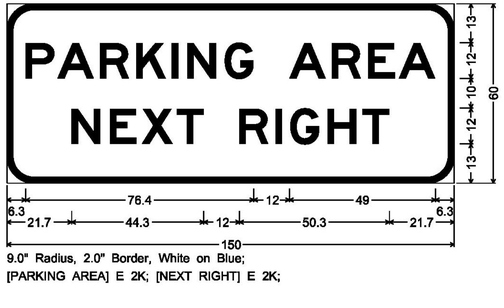
5.0" Radius, 2.0" Border, White on Green;
[WEIGH] E 2K; [STATION] E 2K;
Arrow 133 - 30.0" 45°;

MM 22.043 NB
MM 24.845 SB



9.0" Radius, 2.0" Border, White on Blue;
[PARKING AREA] E 2K; [1] E 2K; [MILE] E 2K;

MM 22.947 NB
MM 24.160 SB



9.0" Radius, 2.0" Border, White on Blue;
[PARKING AREA] E 2K; [NEXT RIGHT] E 2K;

MM 23.170 NB
MM 23.841 SB

9.0" Radius, 2.0" Border, White on Blue;
[PARKING] E 2K; [AREA] E 2K;
Arrow 133 - 30.0" 30°;

CLD 12-0350 MODEL: SIGN08

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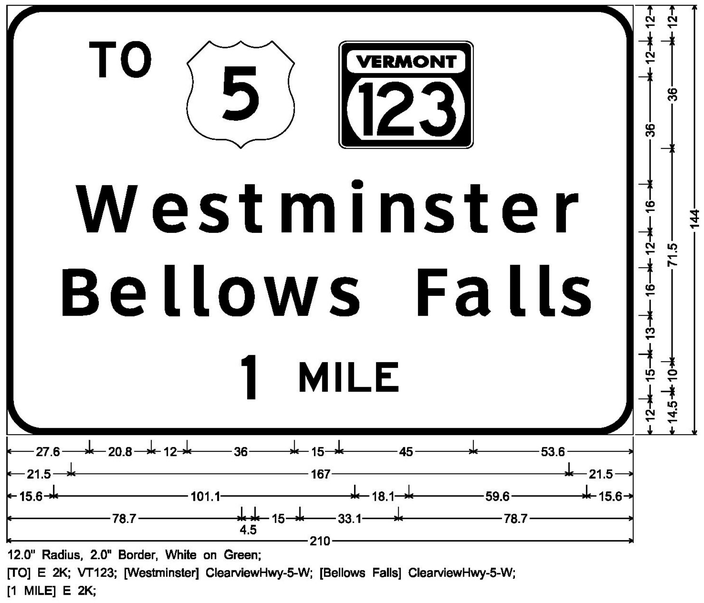
cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 8

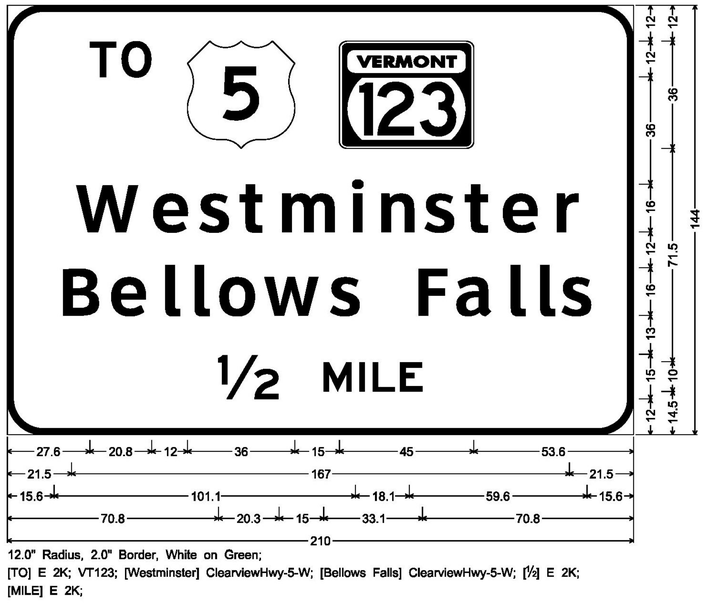
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 141 OF 157

MM 27.141 NB



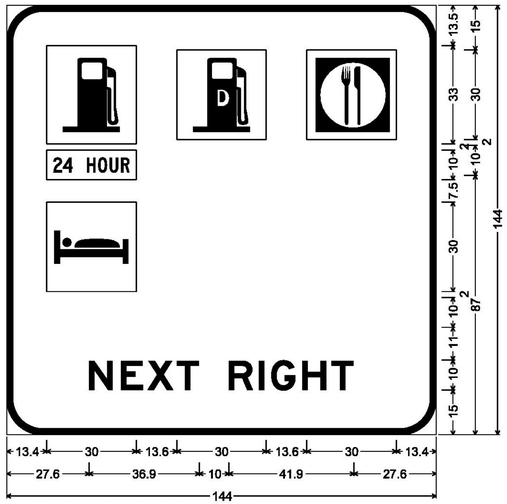
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; [Westminster] ClearviewHwy-5-W; [Bellows Falls] ClearviewHwy-5-W;
[1 MILE] E 2K;

MM 27.850 NB



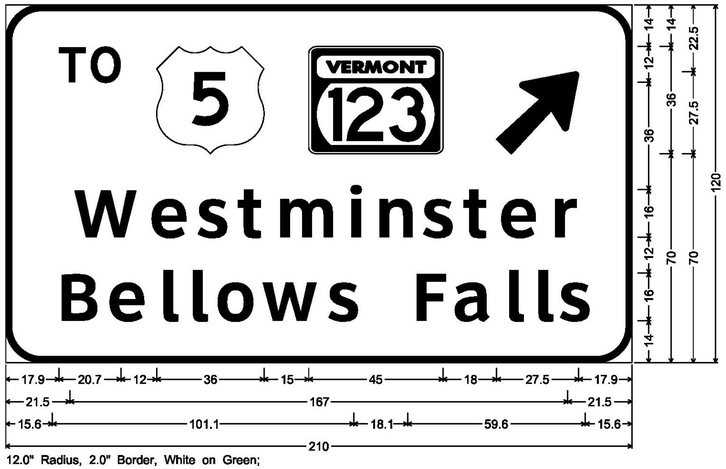
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; [Westminster] ClearviewHwy-5-W; [Bellows Falls] ClearviewHwy-5-W; [½] E 2K;
[MILE] E 2K;

MM 28.005 NB
MM 29.060 SB



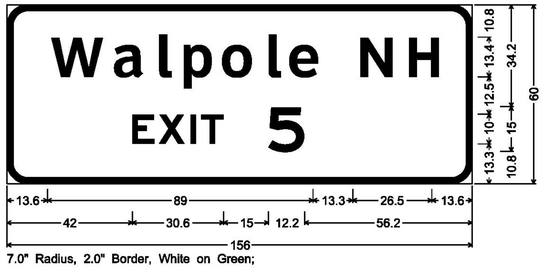
12.0" Radius, 2.0" Border, White on Blue;
[NEXT RIGHT] E 2K;

MM 28.395 NB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; Arrow 160 - 35.0" 45°; [Westminster] ClearviewHwy-5-W;
[Bellows Falls] ClearviewHwy-5-W;

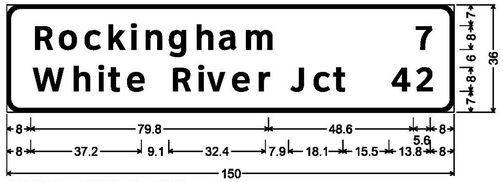
MM 27.500 NB



7.0" Radius, 2.0" Border, White on Green;
[Walpole] ClearviewHwy-5-W; [NH] ClearviewHwy-5-W; [EXIT] E 2K;
[5] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 28

MM 29.523 NB



4.5" Radius, 1.3" Border, White on Green;
[Rockingham] ClearviewHwy-5-W; [White River Jct] ClearviewHwy-5-W;
[7] ClearviewHwy-5-W; [42] ClearviewHwy-5-W;

CLD 12-0350 MODEL: SIGN09

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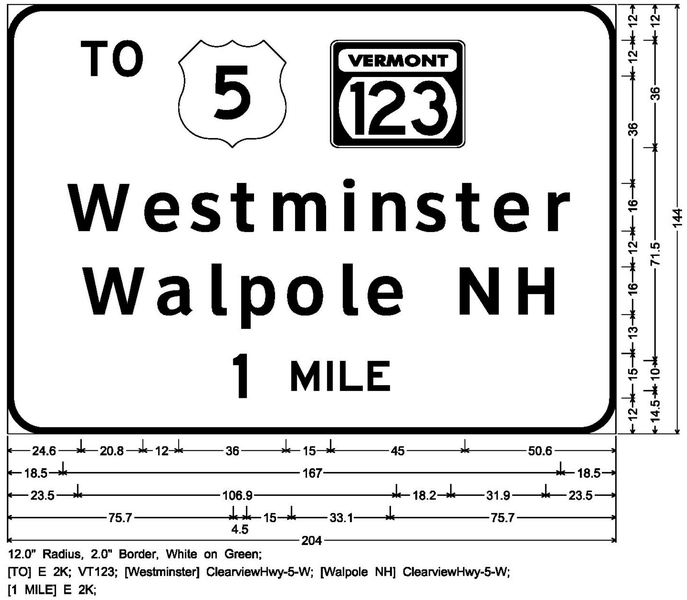
Maine • New Hampshire • Vermont

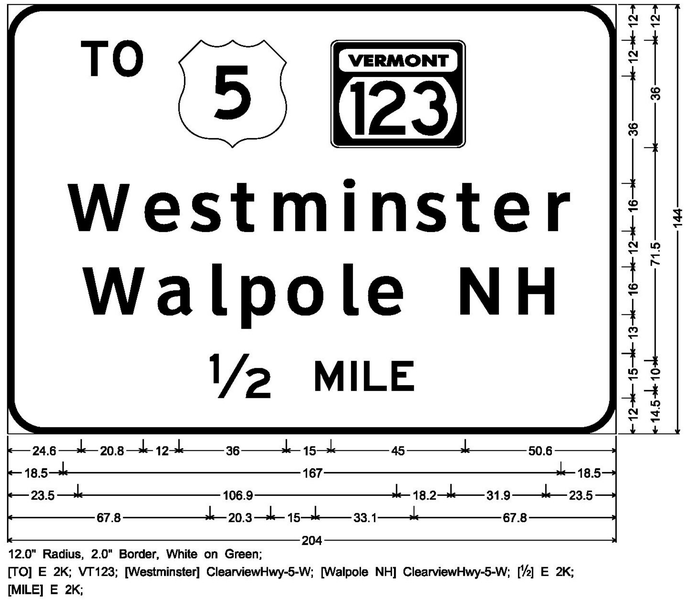
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 9	SHEET 142 OF 157

MM 29.627 SB



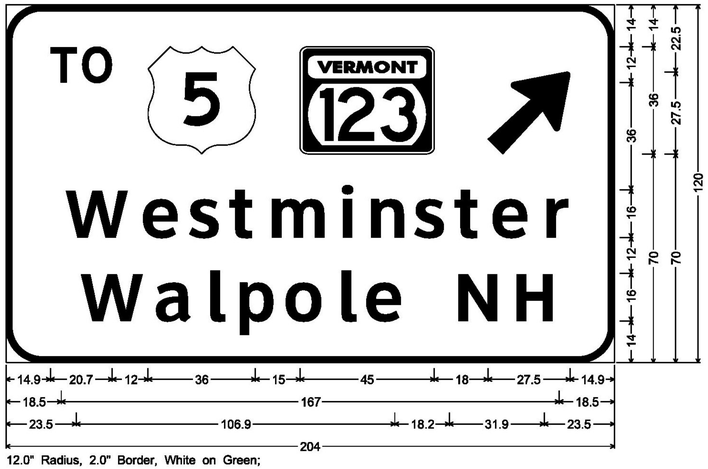
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; [Westminster] ClearviewHwy-5-W; [Walpole NH] ClearviewHwy-5-W;
[1 MILE] E 2K;

MM 29.210 SB



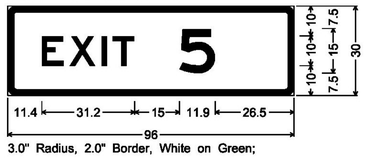
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; [Westminster] ClearviewHwy-5-W; [Walpole NH] ClearviewHwy-5-W; [1/2] E 2K;
[MILE] E 2K;

MM 28.910 SB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT123; Arrow 160 - 35.0" 45°; [Westminster] ClearviewHwy-5-W;
[Walpole NH] ClearviewHwy-5-W;

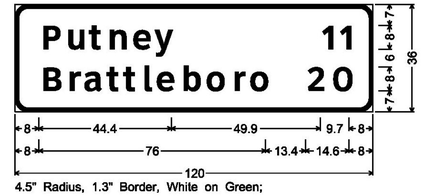
MM 27.141 NB
MM 27.850 NB
MM 28.395 NB
MM 28.910 SB
MM 29.210 SB
MM 29.627 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [5] E;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 28

MM 27.888 SB



4.5" Radius, 1.3" Border, White on Green;
[Putney] ClearviewHwy-5-W;
[Brattleboro] ClearviewHwy-5-W; [11] ClearviewHwy-5-W;
[20] ClearviewHwy-5-W;

CLD 12-0350 MODEL: SIGN0

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540 Commercial Street, Manchester, NH 03101
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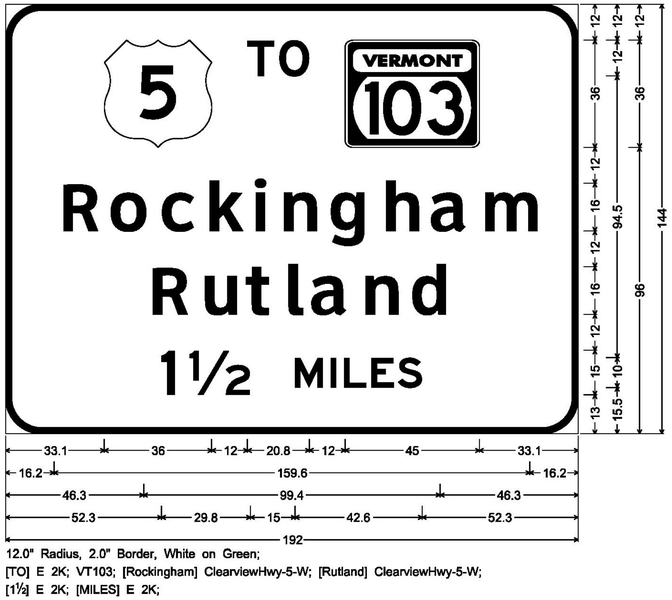
cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

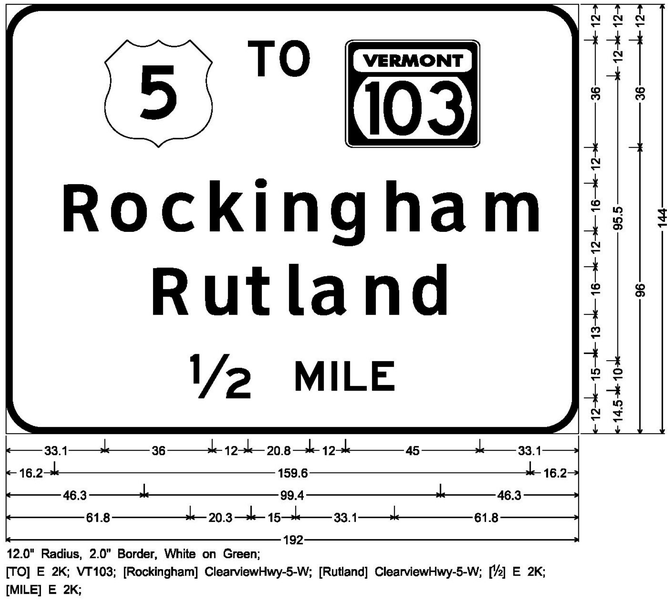
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 10	SHEET 143 OF 157

MM 32.832 NB



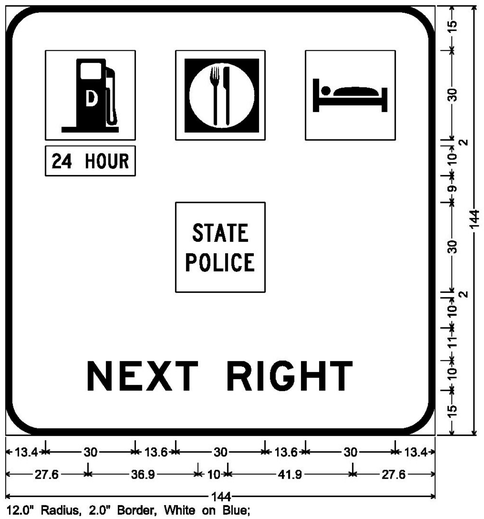
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT103; [Rockingham] ClearviewHwy-5-W; [Rutland] ClearviewHwy-5-W;
[1½] E 2K; [MILES] E 2K;

MM 33.765 NB



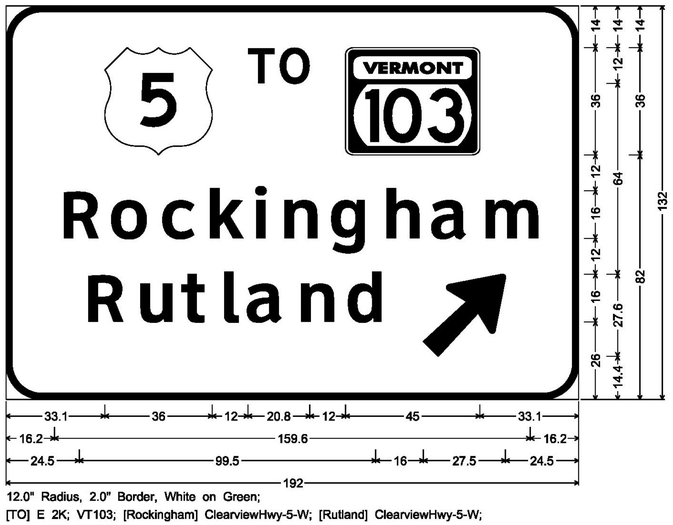
12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT103; [Rockingham] ClearviewHwy-5-W; [Rutland] ClearviewHwy-5-W; [½] E 2K;
[MILE] E 2K;

MM 33.950 NB
MM 35.650 SB



12.0" Radius, 2.0" Border, White on Blue;
[NEXT RIGHT] E 2K;

MM 34.109 NB



12.0" Radius, 2.0" Border, White on Green;
[TO] E 2K; VT103; [Rockingham] ClearviewHwy-5-W; [Rutland] ClearviewHwy-5-W;
Arrow 160 - 35.0" 45°;

CLD 12-0350 MODEL: SIGNII

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cld@cldengineers.com • www.cldengineers.com
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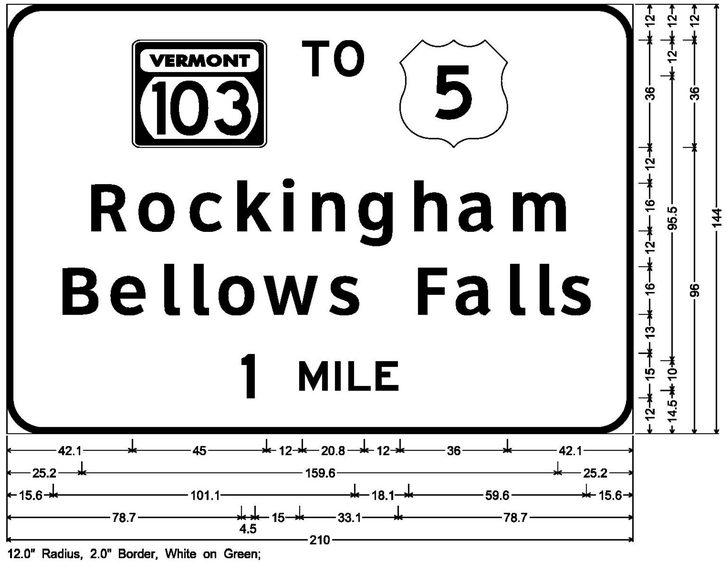
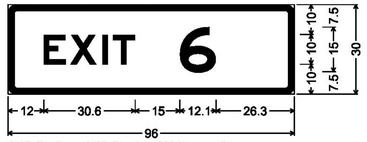
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 11	SHEET 144 OF 157

MM 35.995 SB



12.0" Radius, 2.0" Border, White on Green;
VT103; [TO] E 2K; [Rockingham] ClearviewHwy-5-W; [Bellows Falls] ClearviewHwy-5-W; [1] E 2K;
[MILE] E 2K;

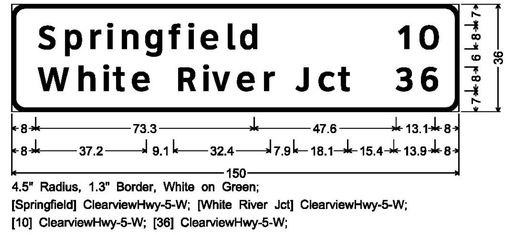
MM 32.832 NB
MM 33.765 NB
MM 34.109 NB
MM 35.307 SB
MM 35.995 SB



3.0" Radius, 2.0" Border, White on Green;
[EXIT] E 2K; [6] E 2K;

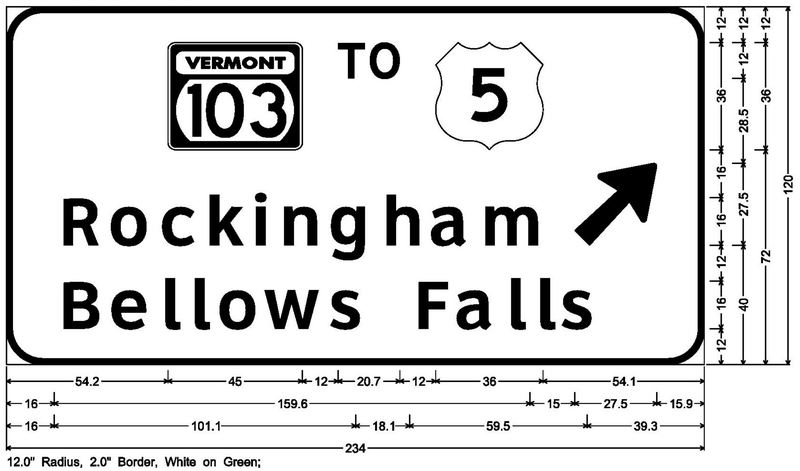
LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 35

MM 35.996 NB



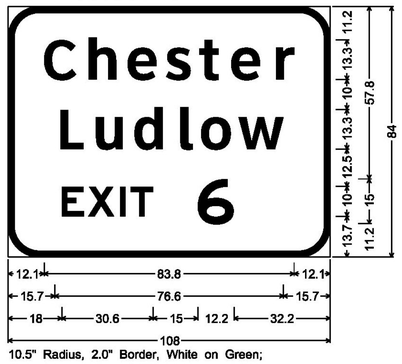
4.5" Radius, 1.3" Border, White on Green;
[Springfield] ClearviewHwy-5-W; [White River Jct] ClearviewHwy-5-W;
[10] ClearviewHwy-5-W; [36] ClearviewHwy-5-W;

MM 35.307 SB



12.0" Radius, 2.0" Border, White on Green;
VT103; [TO] E 2K; [Rockingham] ClearviewHwy-5-W; Arrow 160 - 35.0" 45°; [Bellows Falls] ClearviewHwy-5-W;

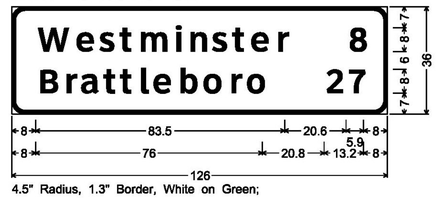
MM 33.558 NB
MM 35.809 SB



10.5" Radius, 2.0" Border, White on Green;
[Chester] ClearviewHwy-5-W;
[Ludlow] ClearviewHwy-5-W; [EXIT] E 2K; [6] E 2K;

LAYOUT OF SIGN LEGEND TO
ACCOMMODATE FUTURE EXIT NUMBER 35

MM 34.390 SB



4.5" Radius, 1.3" Border, White on Green;
[Westminster] ClearviewHwy-5-W;
[Brattleboro] ClearviewHwy-5-W; [8] ClearviewHwy-5-W;
[27] ClearviewHwy-5-W;

CLD 12-0350 MODEL: SIGN2

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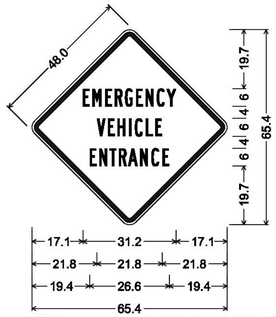
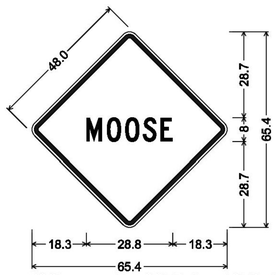
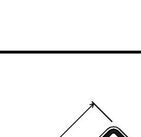
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 12	SHEET 145 OF 157



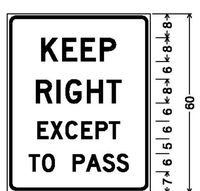
48.0" across sides 3.0" Radius, 1.3" Border, 0.8" Indent, Black on Yellow;
[EMERGENCY] B 2K;
[VEHICLE] B 2K;
[ENTRANCE] B 2K;



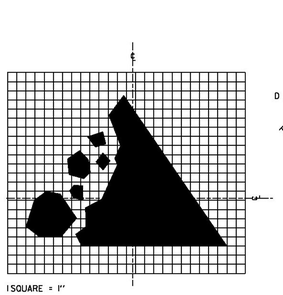
48.0" across sides 3.0" Radius, 1.2" Border, 0.8" Indent, Black on Yellow;
[MOOSE] C 2K;



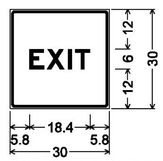
1.4" Radius, 0.6" Border, 0.4" Indent, Black on Yellow;
[STAY] B 2K;
[ALERT] B 2K;



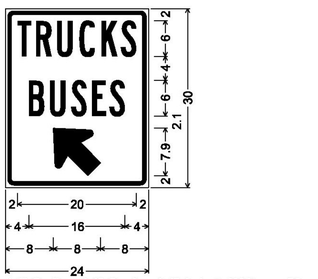
3.0" Radius, 0.9" Border, 0.8" Indent, Black on White;
[KEEP] D 2K;
[RIGHT] D 2K;
[EXCEPT] D 2K;
[TO PASS] D 2K;



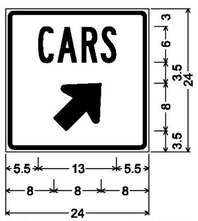
SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD.	30	½	¾	1½	11¼	5¼	10⅝
SPECIAL	48	¾	1¼	3	18	8⅝	16½



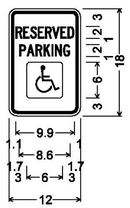
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[EXIT] E 2K;



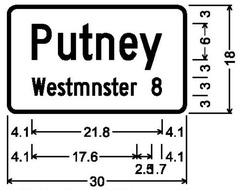
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[TRUCKS] B 2K;
[BUSES] B 2K;
Standard Arrow Custom 9.7" X 8.6" 135°;



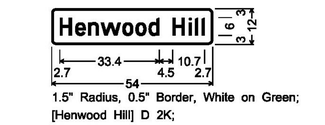
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[CARS] B 2K;
Standard Arrow Custom 9.7" X 8.6" 45°;



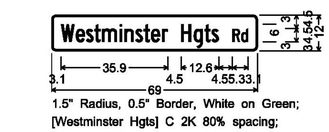
1.4" Radius, 0.4" Border, 0.4" Indent, Green on White;
[RESERVED] C 2K 51% spacing;
[PARKING] C 2K 66% spacing;
Rounded Rectangle 0.5" Radius Blue;



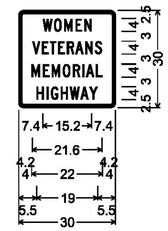
1.5" Radius, 0.5" Border, White on Green;
[Putney] C 2K;
[Westmnster] C 2K;
[8] C 2K;



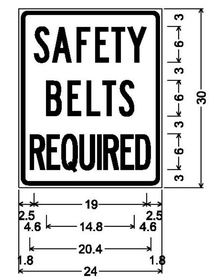
1.5" Radius, 0.5" Border, White on Green;
[Henwood Hill] D 2K;



1.5" Radius, 0.5" Border, White on Green;
[Westminster Hgts] C 2K 80% spacing;
[Rd] C 2K 80% spacing;



VM-607;
1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;
[WOMEN] C 2K;
[VETERANS] C 2K;
[MEMORIAL] C 2K;
[HIGHWAY] C 2K;



1.6" Radius, 0.6" Border, 0.4" Indent, Black on White;
[SAFETY] B 2K;
[BELTS] B 2K;
[REQUIRED] B 2K 26% spacing;

TOWN HIGHWAY SIGNS D3-1

TOWN HIGHWAY SIGNS SHALL BE DOUBLE SIDED AND CONSIST OF EITHER 0.125 INCH THICK FLAT SHEET ALUMINUM OR EXTRUDED ALUMINUM WITH A 0.250 INCH THICK FLANGE AND 0.090 INCH MINIMUM WEB THICKNESS.

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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: zI2A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET I3

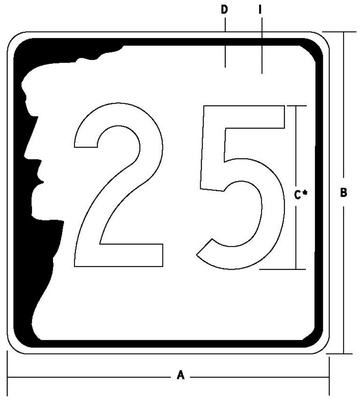
PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 146 OF 157

CLD I2-0350 MODEL: SIGN3

(FOR INDEPENDENT USE)

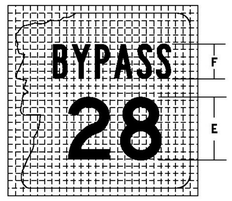
SIGN	DIMENSIONS (Inches)/LETTER FONTS								
	A	B	C	D	E	F	G	H	I
1,2 DIGITS	24	24	12D	1/2	1 1/2	9D	6D	5B	1/2
1,2 DIGITS	36	36	18D	3/4	2 1/4	14D	9D	9B	3/4

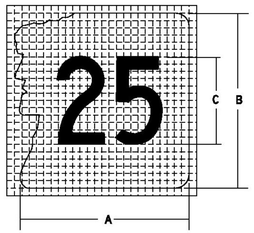
* OPTICALLY PLACE NUMERALS WITHIN SHIELD



M1-5

N.H. STATE ROUTE MARKER





SIGN	DIMENSIONS (Inches)/LETTER FONTS					
	A	B	C	D	E	F
1 DIGIT	18	18	10E	-	8D	4B
2 DIGIT	18	18	10C	4D	8D	4B
3 DIGIT	18	18	10B	4D	8B	4B
1 DIGIT	24	24	14E	-	11D	6B
2 DIGIT	24	24	14C	6D	11D	6B
3 DIGIT	24	24	12B	6D	11B	6B

NH STATE ROUTE MARKER PATTERN FOR GUIDE SIGN USE

NOTES:

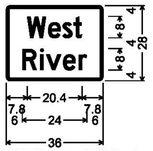
1. OPTICALLY PLACE NUMERALS WITHIN SHIELD.
2. ANY 2 DIGIT ROUTE WITH ONE OR MORE #1's IN THE COPY WILL BE A "D" SERIES.

NH ROUTE MARKER GENERAL NOTES

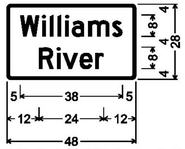
1. BACKGROUND FOR ALL SHIELDS FOR C & CC SIGNS SHALL BE WHITE TYPE III. BACKGROUND FOR ALL SHIELDS ON OVERHEAD STRUCTURES SHALL BE TYPE VII, VIII, IX OR X.
2. SHEET ALUMINUM USED FOR DEMOUNTABLE ROUTE MARKERS SHALL CONFORM TO THE OUTLINE OF THE SHIELD.
3. NEW HAMPSHIRE STATE ROUTE MARKERS SHALL UTILIZE "THE OLD MAN" IMAGE OR OUTLINE AS FOLLOWS:
   - INDEPENDENT ROUTE MARKERS SHALL HAVE BLACK TEXT INSIDE A BLACK "OLD MAN" IMAGE AS SHOWN ABOVE.

NOTE:

THIS INFORMATION IS FROM THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD NO. SG-1. REVISION DATE 02-26-2010

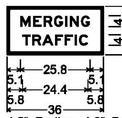


1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;
[West] D 2K;
[River] D 2K;

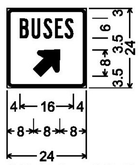


1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;
[Williams] D 2K;
[River] D 2K;

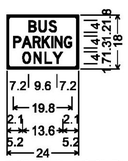
1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;
[Saxtons] D 2K;
[River] D 2K;



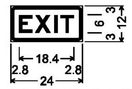
1.5" Radius, 1.0" Border, Black on Yellow;
[MERGING] E 2K;
[TRAFFIC] E 2K;



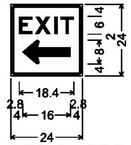
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[BUSES] B 2K;
Standard Arrow Custom 9.7" X 8.6" 45°;



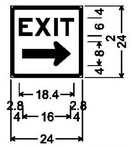
1.4" Radius, 0.6" Border, White on Blue;
[BUS] D 2K;
[PARKING] D 2K 50% spacing;
[ONLY] D 2K;



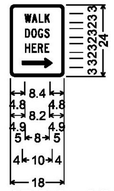
1.4" Radius, 0.6" Border,
0.4" Indent, White on Blue;
[EXIT] E 2K;



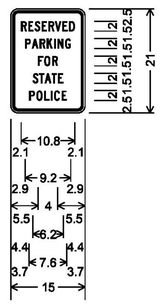
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[EXIT] E 2K;
Standard Arrow Custom 16.0" X 8.0" 180°;



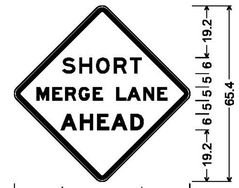
1.4" Radius, 0.6" Border, 0.4" Indent, White on Blue;
[EXIT] E 2K;
Standard Arrow Custom 16.0" X 8.0" 0°;



1.5" Radius, 0.4" Border, 0.4" Indent, Black on White;
[WALK] C;
[DOGS] C;
[HERE] C;
Standard Arrow Custom 10.0" X 3.1" 0°;

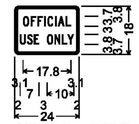


1.5" Radius, 0.4" Border, 0.4" Indent, White on Red;
[RESERVED] C 2K;
[PARKING] C 2K;
[FOR] C 2K;
[STATE] C 2K;
[POLICE] C 2K;

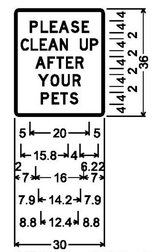


48.0" across sides 3.0" Radius, 1.3" Border, 0.8" Indent, Black on Yellow;
[SHORT] E;
[MERGE LANE] E Mod;
[AHEAD] E Mod;
Fluorescent Yellow Type IX Sheeting

48.0" across sides 3.0" Radius, 1.3" Border, 0.8" Indent, Black on Yellow;
[TRUCK] C 2K;
[CROSSING] C 2K;
[1/4 MILE] C 2K 80% spacing;



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Yellow;
[OFFICIAL] C 2K;
[USE] C 2K 75% spacing;
[ONLY] C 2K 75% spacing;



1.5" Radius, 0.4" Border, 0.4" Indent, Black on White;
[PLEASE] D;
[CLEAN UP] D 80% spacing;
[AFTER] D;
[YOUR] D;
[PETS] D;

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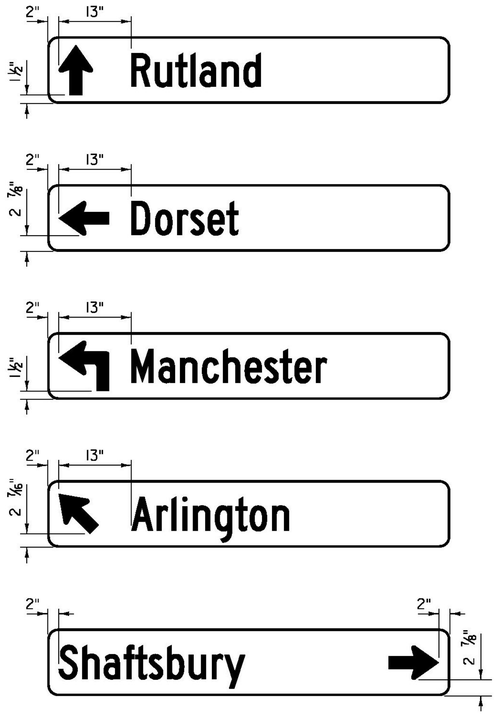
Maine • New Hampshire • Vermont

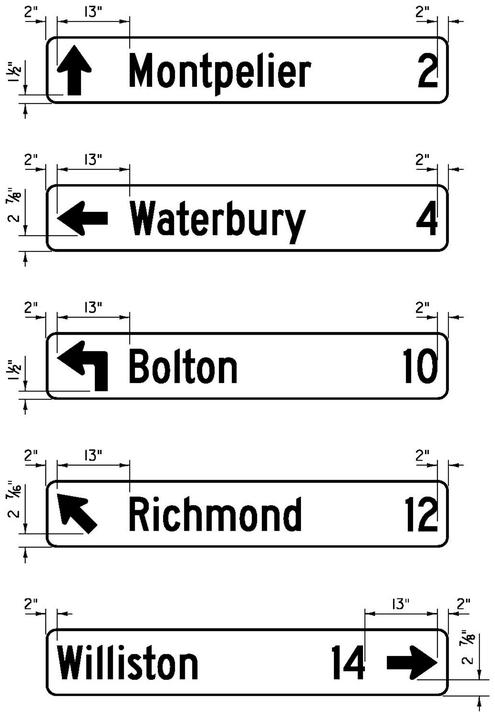
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 14	SHEET 147 OF 157

CLD 12-0350 MODEL: SIGN4

VD1-1

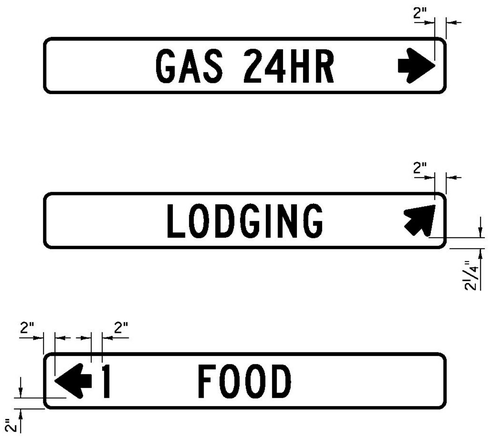


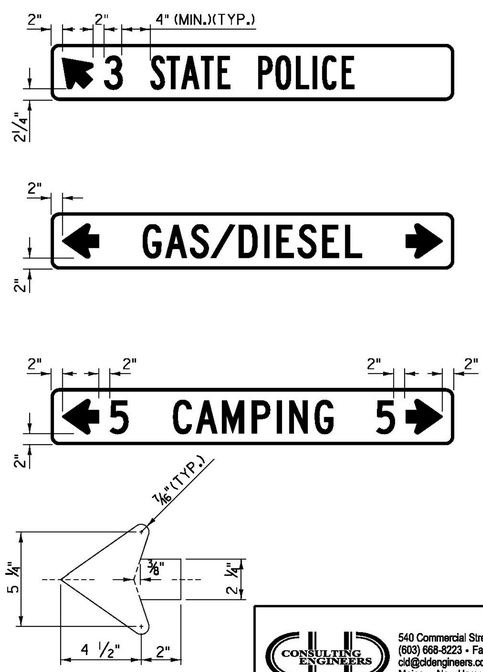
VD1-1A

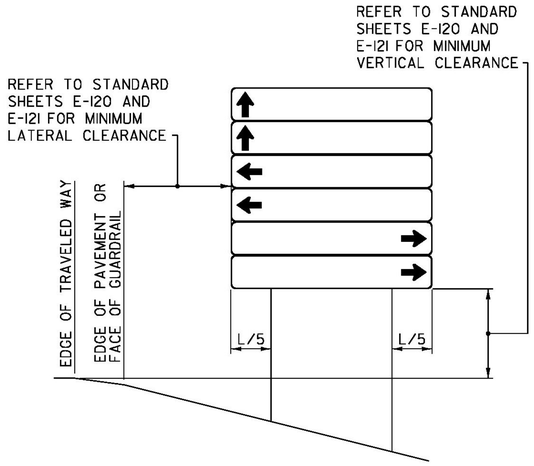


VD2-1

GENERAL SERVICE SIGNS

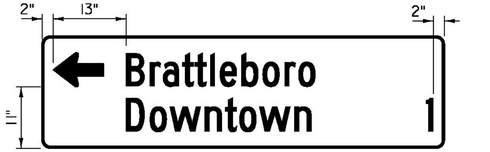


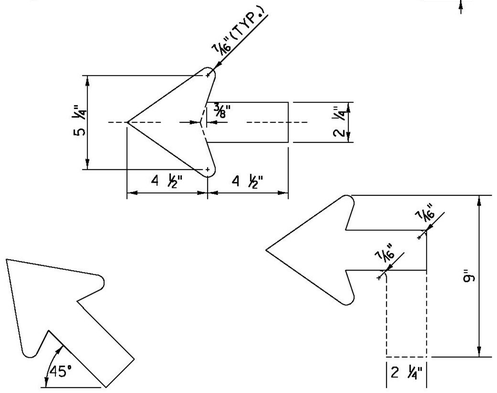




INSTALLATION DETAIL

VD1-2A





NOTE: ANGLE ARROW AND VERTICAL ARROW (NOT SHOWN) SAME SIZE/DIMENSIONS AS HORIZONTAL ARROW.

NOTES:

1. SIGN SUBSTRATE MATERIAL SHALL BE 0.125-INCH THICK (MINIMUM) ALUMINUM SHEETING.
2. VDI-1, VDI-1A AND VD2-1 SIGNS SHALL BE 72 INCHES WIDE BY 12 INCHES TALL. VDI-2A SIGN SHALL BE 72 INCHES WIDE BY 20 INCHES TALL. GENERAL SERVICE SIGNS SHALL BE 72 INCHES WIDE BY 10 INCHES TALL. SIGNS SHALL HAVE CORNERS ROUNDED TO A 1½ INCH RADIUS.
3. SIGNS SHALL HAVE A ⅜ INCH WIDE BORDER ROUNDED TO A 1½ INCH RADIUS.
4. VDI-1, VDI-1A, VDI-2A AND VD2-1 SHALL HAVE WHITE RETROREFLECTIVE LEGEND AND BORDER ON A GREEN RETROREFLECTIVE BACKGROUND. GENERAL SERVICE SIGNS SHALL HAVE WHITE RETROREFLECTIVE LEGEND AND BORDER ON A BLUE RETROREFLECTIVE BACKGROUND. ALL RETROREFLECTIVE SHEETING SHALL EQUAL OR EXCEED AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) M 268 [AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) D 4956] TYPE III.
5. LEGEND SHALL BE CENTERED VERTICALLY.
6. LEGEND FOR VDI-1, VDI-1A, VDI-2A AND VD2-1 SHALL BE LOWER CASE WITH THE FIRST LETTERS CAPITALIZED. LEGEND FOR GENERAL SERVICE SIGNS SHALL BE ENTIRELY UPPER CASE.
7. TEXT SIZE AND SERIES SHALL BE SIZED IN THIS ORDER UNTIL THE LEGEND FITS (EACH CAN BE REDUCED TO 80% SPACING): 6C; 6B; 5C; 5B; 4C; 4B.
8. SEQUENCE OF ARROWS TO BE AS SHOWN ON INSTALLATION DETAIL, TOP TO BOTTOM.
9. DETAILS SHOWN ON THIS SHEET ARE EXAMPLES ONLY.

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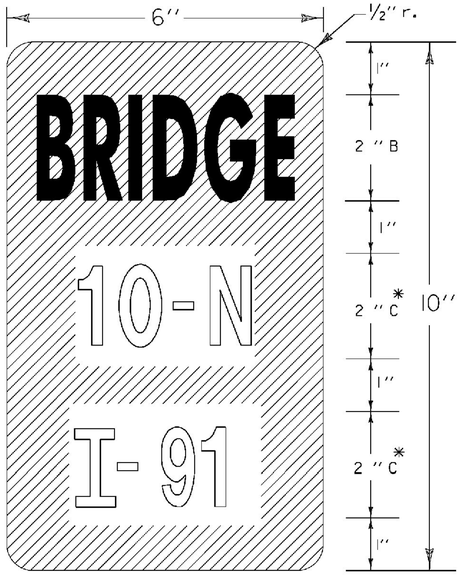
PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528frm.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 15	SHEET 148 OF 157

FOR EXAMPLE, ROUTE NUMBERS SHALL APPEAR AS: I-91, US5, VT22



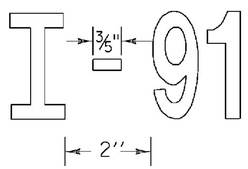
VD-701

* OPTICALLY SPACE LETTERS AND NUMERALS AS NEEDED. SERIES B LETTERS MAY BE USED TO MAINTAIN VISUAL INTEGRITY.

THE FOLLOWING BRIDGES REQUIRE BRIDGE PLAQUES.

MILE MARKER	ROUTE	PLAQUE	CROSS FEATURE	
NORTHBOUND				
4.007	I-91-N	1	I-91 UNDER TH #1	7.5 LF
5.220	I-91-N	2N	I-91 OVER TH #29	7.5 LF
5.969	I-91-N	3N	I-91 OVER TH #27	7.0 LF
7.465	I-91-N	4N	I-91 OVER US 5	6.75 LF
8.166	I-91-N	5N	I-91 OVER MAPLE ST	7.5 LF
8.465	I-91-N	6N	I-91 OVER WILLIAMS ST	7.75 LF
8.554	I-91-N	7	I-91 UNDER VT 9	6.25 LF
• ~~10.313~~	~~I-91-N~~	~~8N~~	~~I-91 OVER TH #5~~	
• ~~10.466~~	~~I-91-N~~	~~9N~~	~~I-91 OVER VT 30/WEST RIVER~~	
11.237	I-91-N	10	I-91 UNDER BLACK MOUNTIAN RD	8.5 LF
11.535	I-91-N	11N	I-91 OVER BRATTLEBORO STATE HWY	7.75 LF
12.213	I-91-N	12	I-91 UNDER US 5	8.25 LF
18.156	I-91-N	13	I-91 UNDER PUTNEY STATE HWY	7.25 LF
18.435	I-91-N	14N	SACKETTS BROOK	6.50 LF
19.655	I-91-N	15N	I-91 OVER RIVER RD	6.50 LF
21.271	I-91-N	16N	I-91 OVER E PUTNEY FALLS RD/E PUTNEY BROOK	7.25 LF
22.605	I-91-N	17	I-91 UNDER US 5	7.5 LF
25.603	I-91-N	18N	I-91 OVER TH #52	6.75 LF
26.831	I-91-N	19	I-91 UNDER KURN HATTIN RD	7.5 LF
28.594	I-91-N	20N	I-91 OVER WESTMINSTER STATE HWY	7.75 LF
30.989	I-91-N	21N	I-91 OVER TH #1/SAXTONS RIVER	7.25 LF
31.641	I-91-N	22N	I-91 OVER DARBY HILL ROAD	7.75 LF
35.187	I-91-N	23N	I-91 OVER VT 103	7.66 LF
35.416	I-91-N	24N	WILLIAMS RIVER	7.25 LF
MILE MARKER	**ROUTE**	**PLAQUE**	**CROSS FEATURE**	
SOUTHBOUND				
4.045	I-91-S	1	I-91 UNDER TH #1	7.25 LF
5.251	I-91-S	2S	I-91 OVER TH #29	6.75 LF
6.030	I-91-S	3S	I-91 OVER TH #27	7.25 LF
7.491	I-91-S	4S	I-91 OVER US 5	7.0 LF
8.198	I-91-S	5S	I-91 OVER MAPLE ST	7.75 LF
8.616	I-91-S	6S	I-91 OVER WILLIAMS ST	8.25 LF
8.741	I-91-S	7	I-91 UNDER VT 9	7.5 LF
• ~~10.342~~	~~I-91-S~~	~~8S~~	~~I-91 OVER TH #5~~	
• ~~10.671~~	~~I-91-S~~	~~9S~~	~~I-91 OVER VT 30/WEST RIVER~~	
• ~~11.288~~	~~I-91-S~~	~~10~~	~~I-91 UNDER BLACK MOUNTIAN RD~~	
• ~~11.571~~	~~I-91-S~~	~~11S~~	~~I-91 OVER BRATTLEBORO STATE HWY~~	
12.252	I-91-S	12	I-91 UNDER US 5	7.5 LF
18.155	I-91-S	13	I-91 UNDER PUTNEY STATE HWY	7.25 LF
18.488	I-91-S	14S	SACKETTS BROOK	10.5 LF
19.716	I-91-S	15S	I-91 OVER RIVER RD	7.0 LF
21.342	I-91-S	16S	I-91 OVER E PUTNEY FALLS RD/E PUTNEY BROOK	6.75 LF
22.584	I-91-S	17	I-91 UNDER US 5	7.0 LF
25.645	I-91-S	18S	I-91 OVER TH #52	7.0 LF
26.817	I-91-S	19	I-91 UNDER KURN HATTIN RD	8.33 LF
28.626	I-91-S	20S	I-91 OVER WESTMINSTER STATE HWY	7.0 LF
31.115	I-91-S	21S	I-91 OVER TH #1/SAXTONS RIVER	7.5 LF
34.671	I-91-S	22S	I-91 OVER DARBY HILL ROAD	6.75 LF
35.215	I-91-S	23S	I-91 OVER VT 103	7.0 LF
35.615	I-91-S	24S	WILLIAMS RIVER	7.25 LF

• CONFLICT WITH BRATTLEBORO IM 091-1(65)
EXIT 5 RAMP B BR-19 8 LF



HYPHEN DETAIL

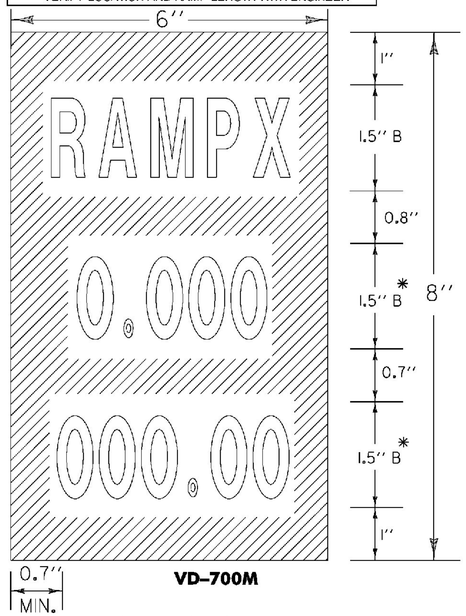
THE FOLLOWING BRIDGE PLAQUES SALVAGED WITH NEW POST

MM NB	MM SB
14.490	11.880
15.580	14.510
16.440	15.550
18.156	16.450
19.055	17.520
23.553	
25.300	
26.155	

THE FOLLOWING RAMPS REQUIRE MILE MARKER PLAQUES.

		RAMP	MAINLINE MM	RAMP LENGTH	
NB	**WEIGH STATION NB 0.1**	A	0.169*	*	7.0 LF
NB		B	0.379*	*	7.25 LF
NB	**WELCOME CENTER NB**	A	5.476	*	7.25 LF
NB		B	5.898	*	6.5 LF
SB	**EXIT 1**	A	7.219	0.237	7.25 LF
SB		B	7.620	0.274	6.75 LF
SB		D	7.507	0.263	7.5 LF
NB		E	7.276	0.230	7.0 LF
NB		H	7.812	0.313	6.5 LF
NB	**EXIT 2**	A	9.194	0.223	7.5 LF
NB		B	8.996	0.141	6.75 LF
SB		C	9.011	0.123	7.0 LF
SB		D	9.197	0.225	7.5 LF
SB	**EXIT 3**	A	11.606	0.268	7.0 LF
SB		B	11.752	0.306	6.75 LF
NB		C	11.400	0.195	8.0 LF
NB		D	11.715	0.174	8.25 LF
SB	**EXIT 4**	A	17.828	0.149	8.0 LF
SB		B	18.077	0.198	8.25 LF
NB		C	17.962	0.199	8.25 LF
NB		D	18.337*	0.136*	8.75 LF
NB	**WEIGH STATION NB 20.4**	A	20.325	*	7.0 LF
NB		A	20.652	*	8.0 LF
SB	**WEIGH STATION SB 22.0**	A	21.826	*	7.25 LF
SB		A	22.079	*	7.5 LF
NB	**PARKING AREA NB 23.2**	A	23.135	*	7.0 LF
NB		A	23.305	*	7.0 LF
SB	**PARKING AREA SB 23.8**	A	23.885	*	7.75 LF
SB		A	23.698	*	7.5 LF
SB	**EXIT 5**	A	28.411	0.173	8.25 LF
SB		B	28.838	0.241	8.0 LF
NB		C	28.432	0.267	8.75 LF
NB		D	28.956	0.654	8.0 LF
NB	**EXIT 6**	A	34.141	0.516	7.75 LF
NB		B	35.288	0.210	6.75 LF
SB		C	35.181	0.228	7.5 LF
SB		D	35.029	0.361	8.58 LF

* VERIFY LOCATION AND RAMP LENGTH WITH ENGINEER



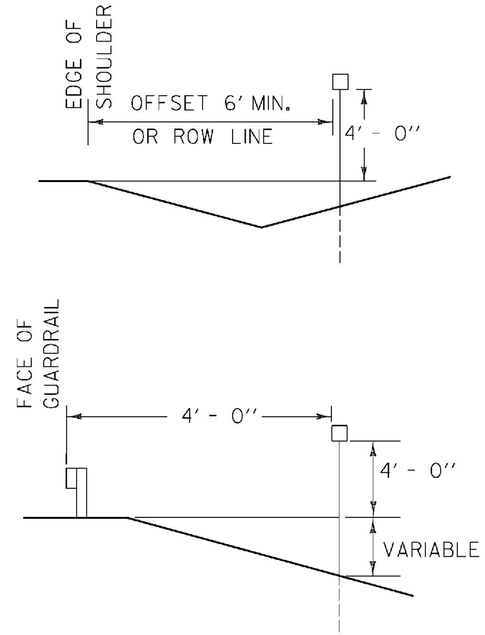
VD-700M

RAMP PLAQUE NOTES

THE FIRST LINE OF LEGEND SHALL IDENTIFY THE RAMP.

THE SECOND LINE OF LEGEND SHALL READ 0.000 IF PLACED AT THE BEGINNING OF A RAMP. IF PLACED AT THE END OF THE RAMP THE LEGEND SHALL READ THE RAMP LENGTH IN MILES.

THE THIRD LINE OF LEGEND SHALL READ THE CORRESPONDING MILE POINT OF I-91.



NOTES

GENERAL:
OUTLINED LETTERS AND NUMERALS INDICATE TEXT THAT VARIES.

MATERIAL:
THE SIGN BASE MATERIAL SHALL BE 0.040 INCH FLAT SHEET ALUMINUM.

COLORS:
THE SIGN SHALL HAVE A RETROREFLECTORIZED WHITE TEXT ON RETROREFLECTORIZED GREEN BACKGROUND. THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

RETROREFLECTVITY SHALL BE EQUAL TO OR EXCEED ASTM D4956 TYPE III.

LETTERING:
LETTERS AND DIGITS SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AS PRINTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

POSTS:
1¾ INCH SQUARE STEEL POST WITH TWO INCH ANCHOR SHALL BE USED. THE ANCHOR SHALL BE A MINIMUM OF 30 INCHES IN LENGTH.

CLD 12-0350 MODEL: SIGN16

BRIDGE AND RAMP PLAQUES

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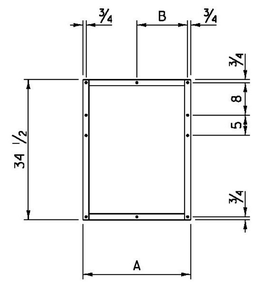
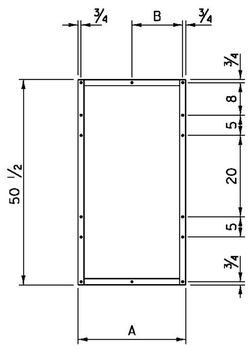
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: D. MUNRO	CHECKED BY: D. MUNRO
SIGN DETAIL SHEET 16	SHEET 149 OF 157

TYPE 1



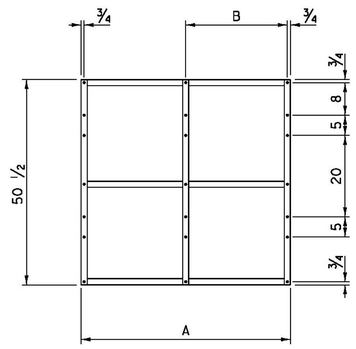
FRAME TYPE	A	B
IA	26 1/2	12 1/2
IB	29 1/2	15 1/2
IC	32 1/2	15 1/2

TYPE 2

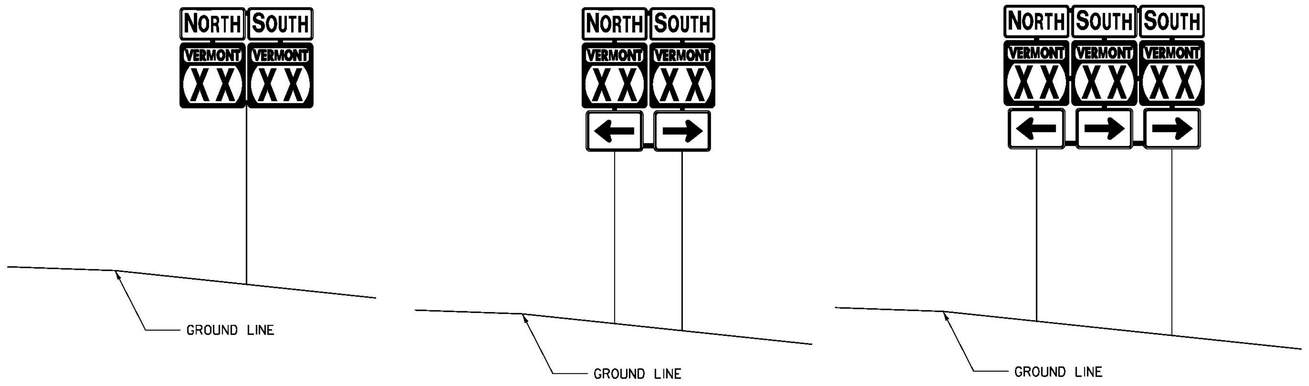


FRAME TYPE	A	B
2A	26 1/2	12 1/2
2B	29 1/2	15 1/2
2C	32 1/2	15 1/2

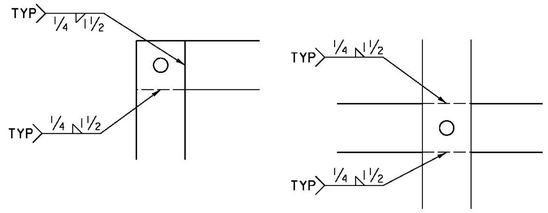
TYPE 3



FRAME TYPE	A	B
3A	51 1/2	25
3B	54 1/2	28
3C	57 1/2	28
3D	63 1/2	31



ROUTE MARKER ASSEMBLY FRAMES



NOTES:

TWO WELDS PER CONNECTION.

WELDING DETAILS

GENERAL NOTES:

1. TYPE IA FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS.
2. TYPE IB FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN AND ONE 30 INCH WIDE SIGN COLUMN.
3. TYPE IC FRAME ASSEMBLY TO BE USED WITH TWO 30 INCH WIDE SIGN COLUMNS.
4. TYPE 2A FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS.
5. TYPE 2B FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN AND ONE 30 INCH WIDE SIGN COLUMN.
6. TYPE 2C FRAME ASSEMBLY TO BE USED WITH TWO 30 INCH WIDE SIGN COLUMNS.
7. TYPE 3A FRAME ASSEMBLY TO BE USED WITH THREE 24 INCH WIDE SIGN COLUMNS.
8. TYPE 3B FRAME ASSEMBLY TO BE USED WITH TWO 24 INCH WIDE SIGN COLUMNS AND ONE 30 INCH WIDE SIGN COLUMN, WITH THE 30 INCH SIGN COLUMN IN AN OUTSIDE POSITION.
9. TYPE 3C FRAME ASSEMBLY TO BE USED WITH ONE 24 INCH WIDE SIGN COLUMN IN THE CENTER AND TWO 30 INCH SIGN COLUMNS ON THE OUTSIDE OR ONE 30 INCH SIGN COLUMN IN THE CENTER AND TWO 24 INCH SIGN COLUMNS ON THE OUTSIDE.
10. TYPE 3D FRAME ASSEMBLY TO BE USED WITH THREE 30 INCH WIDE SIGN COLUMNS.
11. STANDARD FRAMES SHALL BE CONSTRUCTED OF 5/16 INCH X 1 1/2 INCH A-36 STEEL. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.
12. ALL HOLES SHALL BE 7/16 INCH DIAMETER. POSITION OF DRILLED HOLES ON FRAMES BASED UPON MOUNTING HOLES ON SIGNS AT TWO INCHES FROM TOP AND BOTTOM EDGES. SIGN/FRAME ASSEMBLIES SHOULD EXHIBIT A ONE INCH SPACE BETWEEN SIGN PANELS.
13. FOR SIGN COMBINATIONS OTHER THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY.
14. SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SECTION 2D.29 FOR INSTALLATION SEQUENCE.
15. ALL DIMENSIONS SHOWN IN INCHES, UNLESS OTHERWISE NOTED.

CLD 12-0350 MODEL: SIGN7

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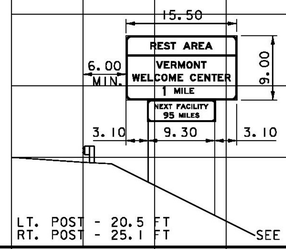
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528frm.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: D. MUNRO
SIGN DETAIL SHEET 17

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO

M.M. 4.670 NB

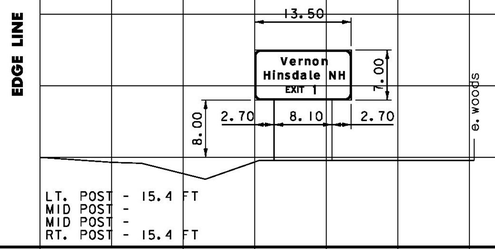
STEEL BEAM GUARDRAIL



LT. POST - 20.5 FT
RT. POST - 25.1 FT

SEE FOOTING DETAIL ON SHEET 3

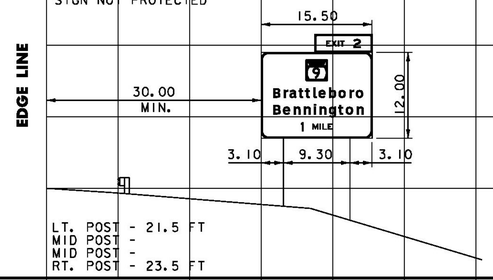
M.M. 6.607 NB



LT. POST - 15.4 FT
MID POST -
MID POST -
RT. POST - 15.4 FT

M.M. 8.078 NB

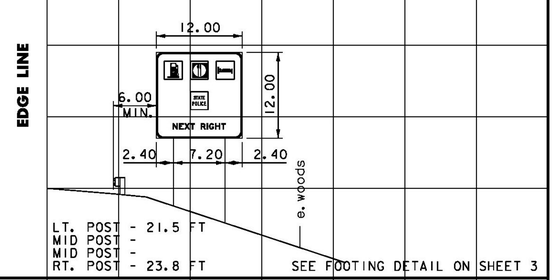
STEEL BEAM GUARDRAIL
SIGN NOT PROTECTED



LT. POST - 21.5 FT
MID POST -
MID POST -
RT. POST - 23.5 FT

M.M. 8.662 NB

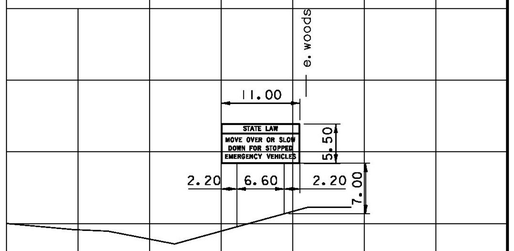
STEEL BEAM GUARDRAIL



LT. POST - 21.5 FT
MID POST -
MID POST -
RT. POST - 23.8 FT

SEE FOOTING DETAIL ON SHEET 3

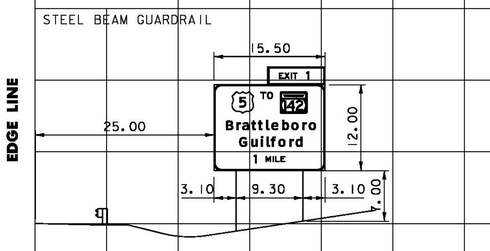
M.M. 0.926 NB



LT. POST - 14.3 FT
MID POST -
MID POST -
RT. POST - 12.5 FT

M.M. 6.129 NB

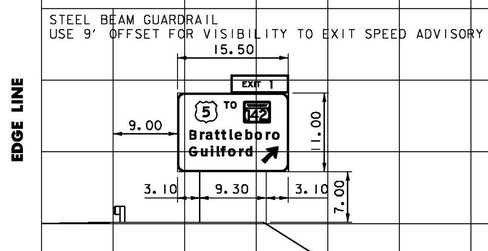
STEEL BEAM GUARDRAIL



LT. POST - 20.4 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 7.248 NB

STEEL BEAM GUARDRAIL
USE 9' OFFSET FOR VISIBILITY TO EXIT SPEED ADVISORY SIGN

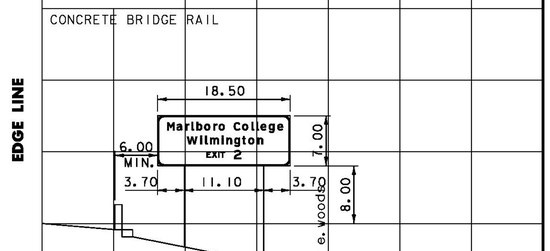


LT. POST - 18.0 FT
MID POST -
MID POST -
RT. POST - 18.3 FT

SEE FOOTING DETAIL ON SHEET 3

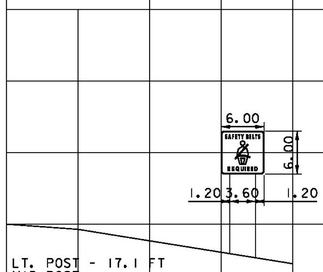
M.M. 8.548 NB

CONCRETE BRIDGE RAIL



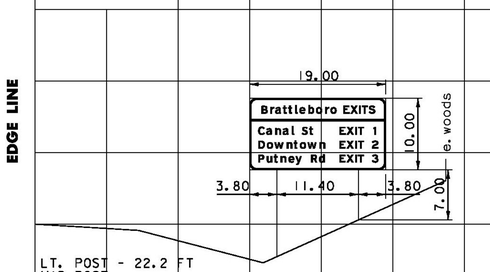
LT. POST - 18.3 FT
MID POST -
MID POST -
RT. POST - 20.5 FT

M.M. 0.688 NB



LT. POST - 17.1 FT
MID POST -
MID POST -
RT. POST - 17.7 FT

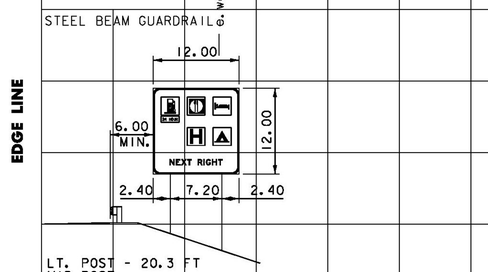
M.M. 5.689 NB



LT. POST - 22.2 FT
MID POST -
MID POST -
RT. POST - 17.0 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 7.050 NB

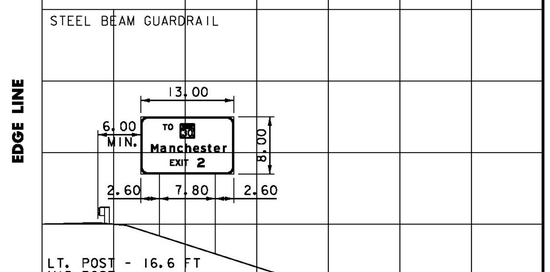


LT. POST - 20.3 FT
MID POST -
MID POST -
RT. POST - 22.7 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 8.232 NB

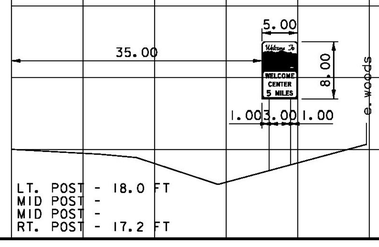
STEEL BEAM GUARDRAIL



LT. POST - 16.6 FT
MID POST -
MID POST -
RT. POST - 19.1 FT

SEE FOOTING DETAIL ON SHEET 3

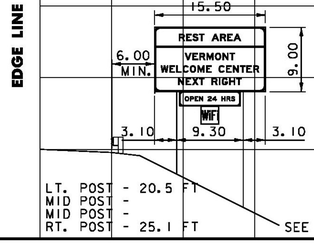
M.M. 0.019 NB



LT. POST - 18.0 FT
MID POST -
MID POST -
RT. POST - 17.2 FT

M.M. 5.187 NB

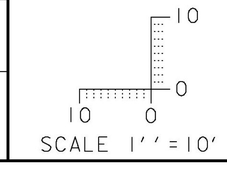
STEEL BEAM GUARDRAIL



LT. POST - 20.5 FT
MID POST -
MID POST -
RT. POST - 25.1 FT

SEE FOOTING DETAIL ON SHEET 3

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



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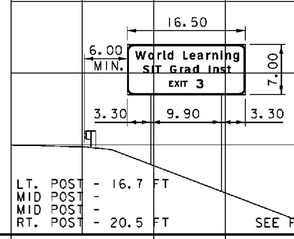
Maine • New Hampshire • Vermont

PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528xs.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
CROSS SECTION SHEET 1	SHEET 151 OF 157

CLD 12-0350 MODEL: 01

M.M. 10.700 NB

STEEL BEAM GUARDRAIL

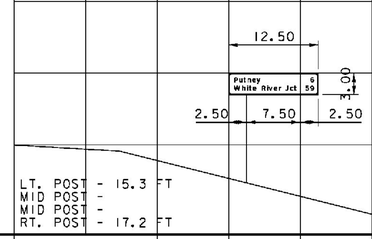


EDGE LINE

LT. POST - 16.7 FT
MID POST -
MID POST -
RT. POST - 20.5 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 12.368 NB

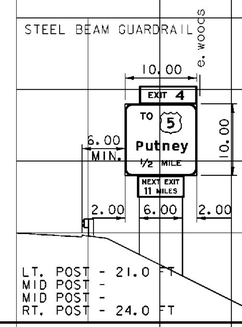


EDGE LINE

LT. POST - 15.3 FT
MID POST -
MID POST -
RT. POST - 17.2 FT

M.M. 17.532 NB

STEEL BEAM GUARDRAIL

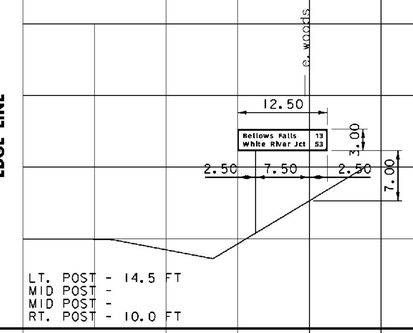


EDGE LINE

LT. POST - 21.0 FT
MID POST -
MID POST -
RT. POST - 24.0 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 18.920 NB

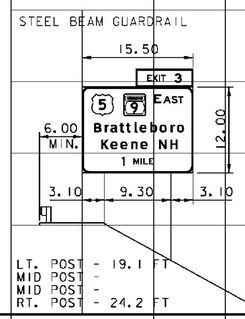


EDGE LINE

LT. POST - 14.5 FT
MID POST -
MID POST -
RT. POST - 10.0 FT

M.M. 10.460 NB

STEEL BEAM GUARDRAIL

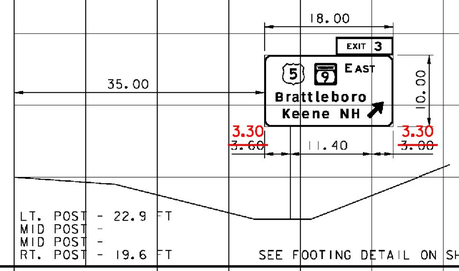


EDGE LINE

LT. POST - 19.1 FT
MID POST -
MID POST -
RT. POST - 24.2 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 11.180 NB



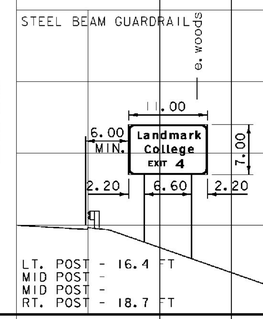
EDGE LINE

LT. POST - 22.9 FT
MID POST -
MID POST -
RT. POST - 19.6 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 17.275 NB

STEEL BEAM GUARDRAIL

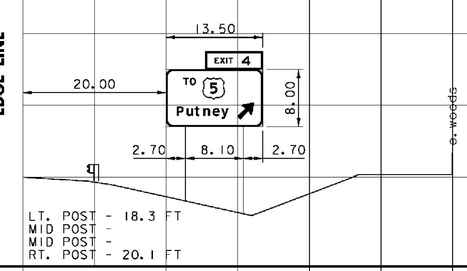


EDGE LINE

LT. POST - 16.4 FT
MID POST -
MID POST -
RT. POST - 18.7 FT

M.M. 17.888 NB

STEEL BEAM GUARDRAIL

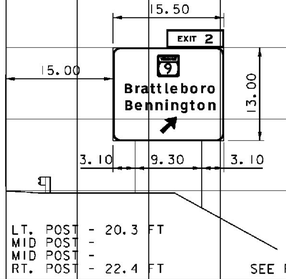


EDGE LINE

LT. POST - 18.3 FT
MID POST -
MID POST -
RT. POST - 20.1 FT

M.M. 8.929 NB

STEEL BEAM GUARDRAIL

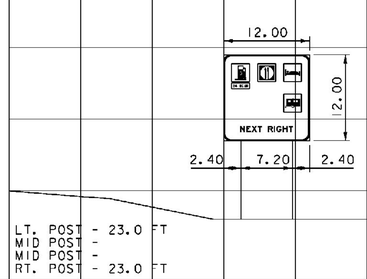


EDGE LINE

LT. POST - 20.3 FT
MID POST -
MID POST -
RT. POST - 22.4 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 11.029 NB

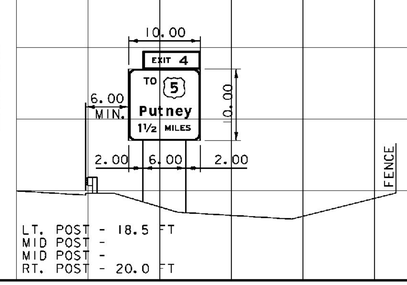


EDGE LINE

LT. POST - 23.0 FT
MID POST -
MID POST -
RT. POST - 23.0 FT

M.M. 16.491 NB

STEEL BEAM GUARDRAIL

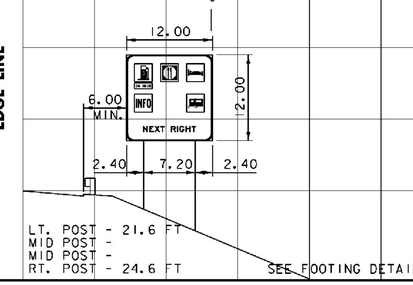


EDGE LINE

LT. POST - 18.5 FT
MID POST -
MID POST -
RT. POST - 20.0 FT

M.M. 17.684 NB

STEEL BEAM GUARDRAIL

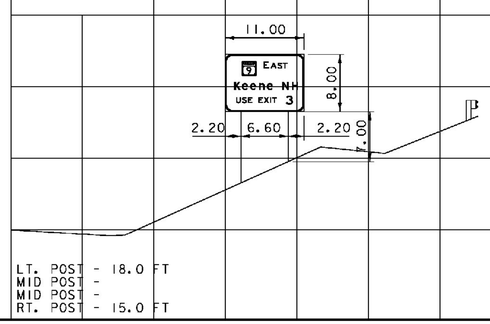


EDGE LINE

LT. POST - 21.6 FT
MID POST -
MID POST -
RT. POST - 24.6 FT

SEE FOOTING DETAIL ON SHEET 3

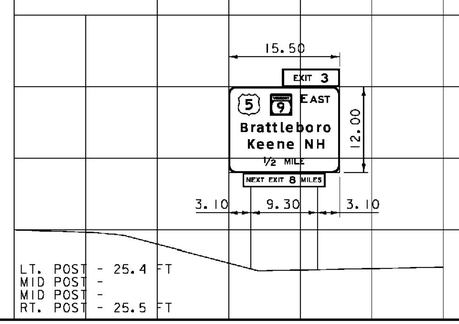
M.M. 8.834 NB



EDGE LINE

LT. POST - 18.0 FT
MID POST -
MID POST -
RT. POST - 15.0 FT

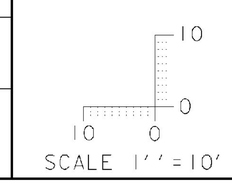
M.M. 10.880 NB



EDGE LINE

LT. POST - 25.4 FT
MID POST -
MID POST -
RT. POST - 25.5 FT

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



CLD 12-0350 MODEL: 02

CONSULTING ENGINEERS
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cld@cldengineers.com • www.cldengineers.com
Maine • New Hampshire • Vermont

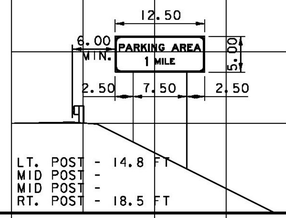
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528xs.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
CROSS SECTION SHEET 2

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 152 OF 157

M.M. 22.043 NB

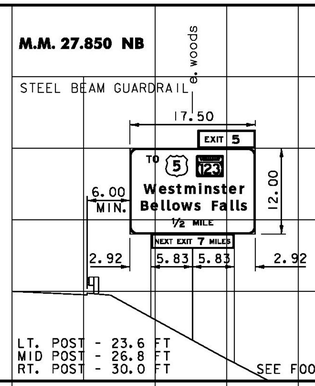
STEEL BEAM GUARDRAIL



LT. POST - 14.8 FT
MID POST -
MID POST -
RT. POST - 18.5 FT

M.M. 27.850 NB

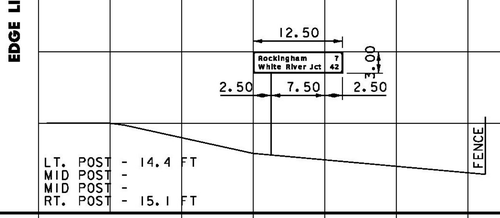
STEEL BEAM GUARDRAIL



LT. POST - 23.6 FT
MID POST - 26.8 FT
RT. POST - 30.0 FT

SEE FOOTING DETAIL ON SHEET 3

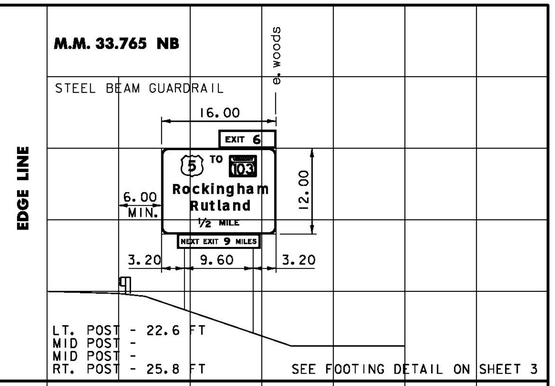
M.M. 29.523 NB



LT. POST - 14.4 FT
MID POST -
MID POST -
RT. POST - 15.1 FT

M.M. 33.765 NB

STEEL BEAM GUARDRAIL

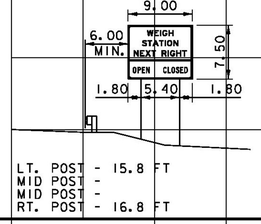


LT. POST - 22.6 FT
MID POST -
MID POST -
RT. POST - 25.8 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 20.122 NB

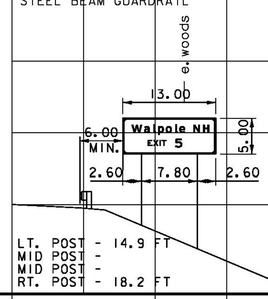
STEEL BEAM GUARDRAIL



LT. POST - 15.8 FT
MID POST -
MID POST -
RT. POST - 16.8 FT

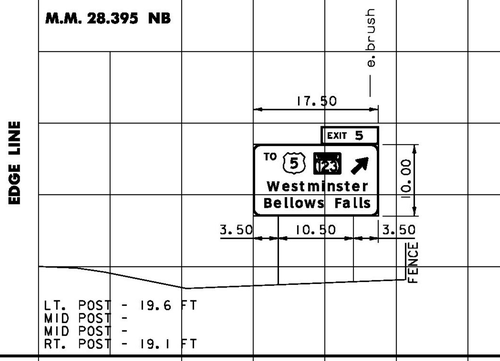
M.M. 27.500 NB

STEEL BEAM GUARDRAIL



LT. POST - 14.9 FT
MID POST -
MID POST -
RT. POST - 18.2 FT

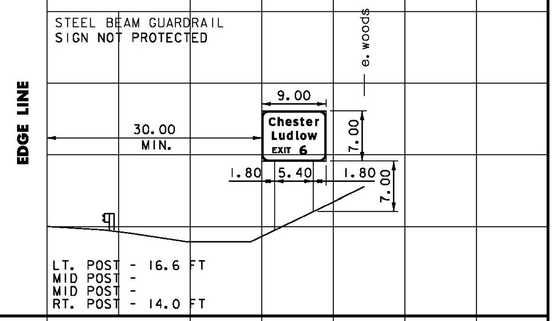
M.M. 28.395 NB



LT. POST - 19.6 FT
MID POST -
MID POST -
RT. POST - 19.1 FT

M.M. 33.558 NB

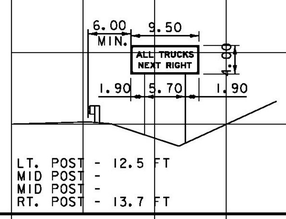
STEEL BEAM GUARDRAIL
SIGN NOT PROTECTED



LT. POST - 16.6 FT
MID POST -
MID POST -
RT. POST - 14.0 FT

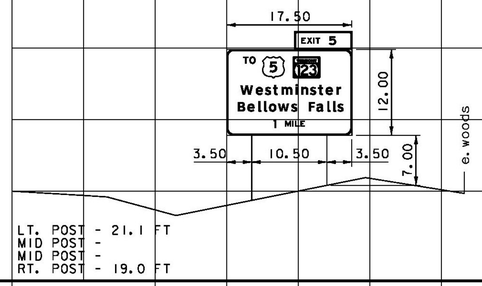
M.M. 19.820 NB

STEEL BEAM GUARDRAIL



LT. POST - 12.5 FT
MID POST -
MID POST -
RT. POST - 13.7 FT

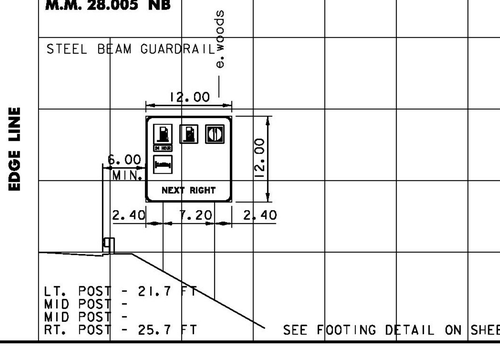
M.M. 27.141 NB



LT. POST - 21.1 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 28.005 NB

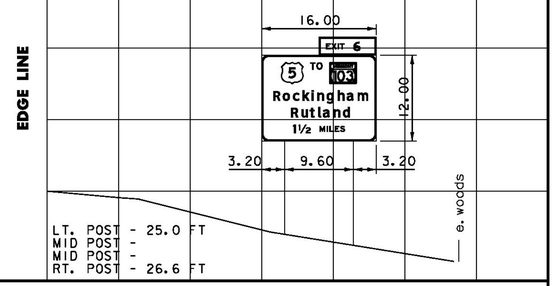
STEEL BEAM GUARDRAIL



LT. POST - 21.7 FT
MID POST -
MID POST -
RT. POST - 25.7 FT

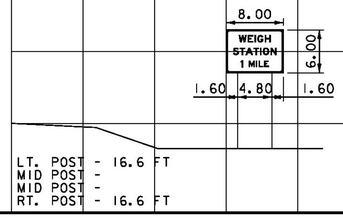
SEE FOOTING DETAIL ON SHEET 3

M.M. 32.832 NB



LT. POST - 25.0 FT
MID POST -
MID POST -
RT. POST - 26.6 FT

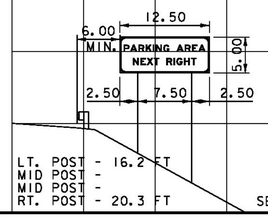
M.M. 19.360 NB



LT. POST - 16.6 FT
MID POST -
MID POST -
RT. POST - 16.6 FT

M.M. 22.947 NB

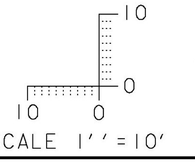
STEEL BEAM GUARDRAIL



LT. POST - 16.2 FT
MID POST -
MID POST -
RT. POST - 20.3 FT

SEE FOOTING DETAIL ON SHEET 3

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528xs.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
CROSS SECTION SHEET 3

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 153 OF 157

CLD 12-0350 MODEL: 03

EDGE LINE

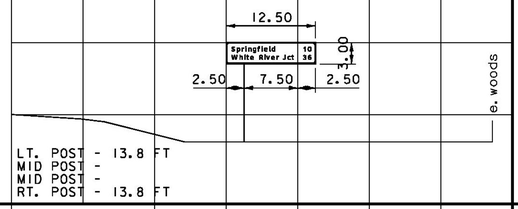
EDGE LINE

EDGE LINE

EDGE LINE

EDGE LINE

M.M. 35.996 NB



LT. POST - 13.8 FT
MID POST -
MID POST -
RT. POST - 13.8 FT

EDGE LINE

EDGE LINE

EDGE LINE

EDGE LINE

M.M. 34.109 NB

STEEL BEAM GUARDRAIL

LT. POST - 20.2 FT
MID POST -
MID POST -
RT. POST - 23.4 FT

SEE FOOTING DETAIL ON SHEET 3

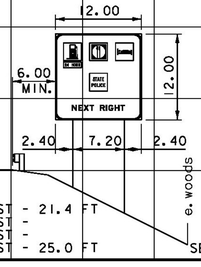
EDGE LINE

EDGE LINE

EDGE LINE

EDGE LINE

M.M. 33.950 NB

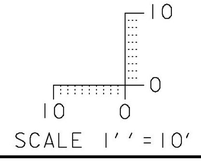


LT. POST - 21.4 FT
MID POST -
MID POST -
RT. POST - 25.0 FT

SEE FOOTING DETAIL ON SHEET 3

EDGE LINE

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



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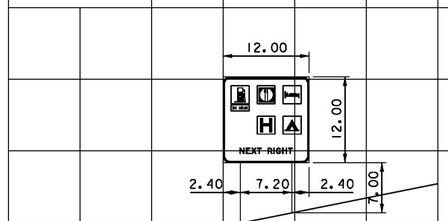
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528xs.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
CROSS SECTION SHEET 4

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 154 OF 157

CLD 12-0350 MODEL: 04

M.M. 8.050 SB

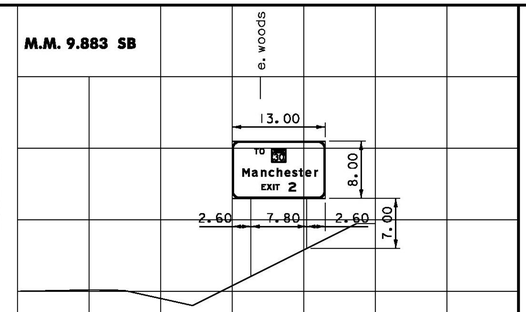


LT. POST - 20.5 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 9.255 SB

LT. POST - 22.5 FT
MID POST -
MID POST -
RT. POST - 21.9 FT

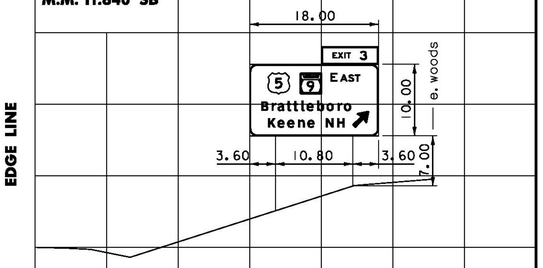
M.M. 9.883 SB



LT. POST - 18.9 FT
MID POST -
MID POST -
RT. POST - 15.0 FT

SEE FOOTING DETAIL ON SHEET 3

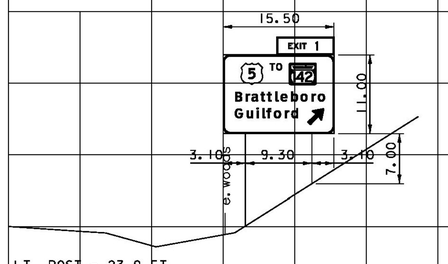
M.M. 11.840 SB



LT. POST - 20.5 FT
MID POST -
MID POST -
RT. POST - 17.0 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 7.870 SB



LT. POST - 23.9 FT
MID POST -
MID POST -
RT. POST - 18.0 FT

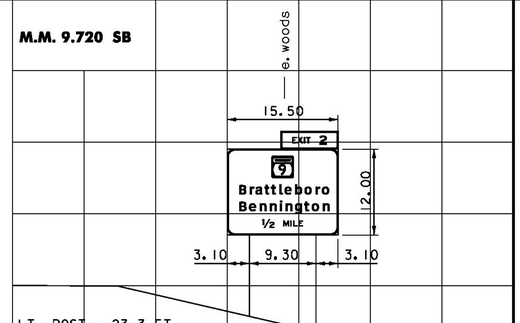
SEE FOOTING DETAIL ON SHEET 3

M.M. 8.860 SB

STEEL BEAM GUARDRAIL
HOLD EXISTING SIGN OFFSET TO AVOID CULVERT

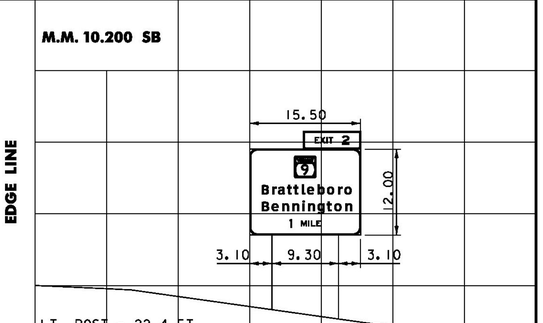
LT. POST - 19.1 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 9.720 SB



LT. POST - 23.3 FT
MID POST -
MID POST -
RT. POST - 25.5 FT

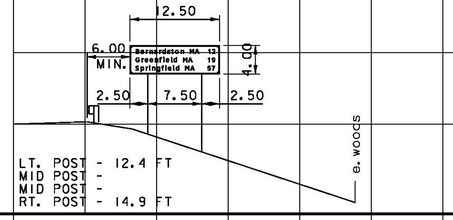
M.M. 10.200 SB



LT. POST - 22.4 FT
MID POST -
MID POST -
RT. POST - 23.7 FT

M.M. 6.270 SB

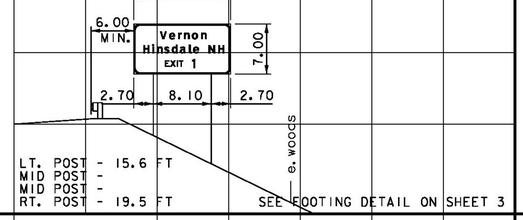
STEEL BEAM GUARDRAIL



LT. POST - 12.4 FT
MID POST -
MID POST -
RT. POST - 14.9 FT

M.M. 8.650 SB

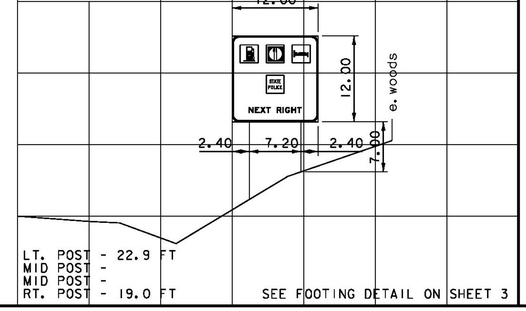
STEEL BEAM GUARDRAIL



LT. POST - 15.6 FT
MID POST -
MID POST -
RT. POST - 19.5 FT

SEE FOOTING DETAIL ON SHEET 3

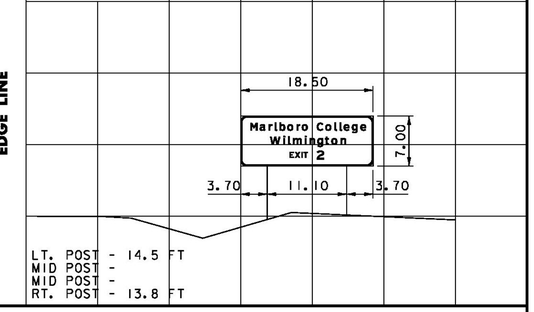
M.M. 9.583 SB



LT. POST - 22.9 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

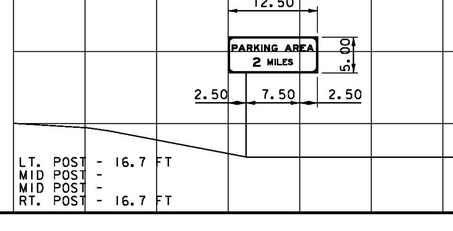
SEE FOOTING DETAIL ON SHEET 3

M.M. 10.033 SB



LT. POST - 14.5 FT
MID POST -
MID POST -
RT. POST - 13.8 FT

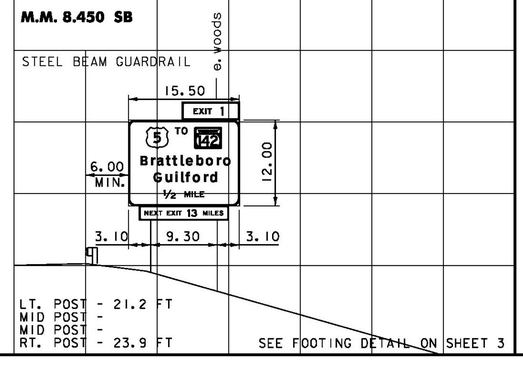
M.M. 1.141 SB



LT. POST - 16.7 FT
MID POST -
MID POST -
RT. POST - 16.7 FT

M.M. 8.450 SB

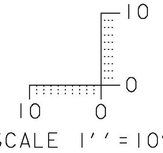
STEEL BEAM GUARDRAIL



LT. POST - 21.2 FT
MID POST -
MID POST -
RT. POST - 23.9 FT

SEE FOOTING DETAIL ON SHEET 3

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



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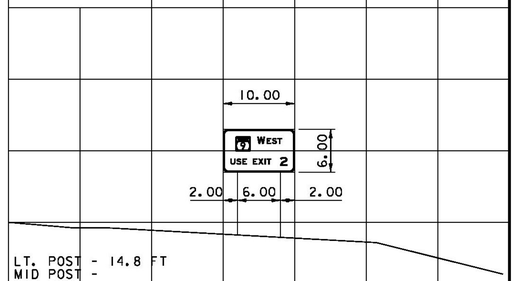
PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528xs.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
CROSS SECTION SHEET 5

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 155 OF 157

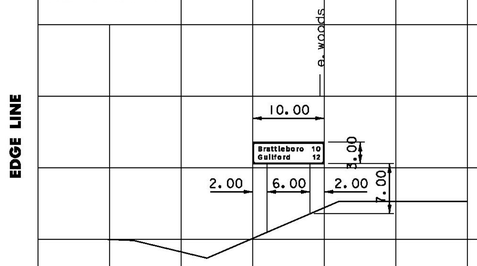
CLD 12-0350 MODEL: 05

M.M. 12.578 SB



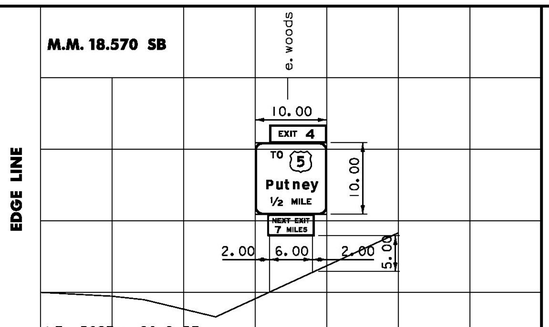
LT. POST - 14.8 FT
MID POST -
MID POST -
RT. POST - 15.1 FT

M.M. 17.230 SB



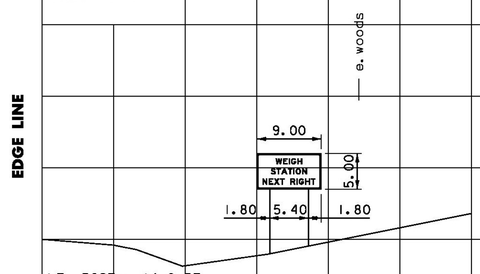
LT. POST - 12.6 FT
MID POST -
MID POST -
RT. POST - 10.0 FT

M.M. 18.570 SB



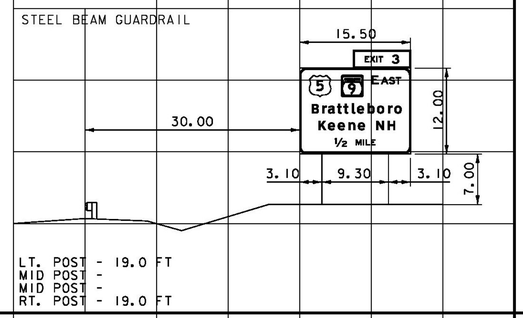
LT. POST - 20.9 FT
MID POST -
MID POST -
RT. POST - 18.1 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 22.324 SB



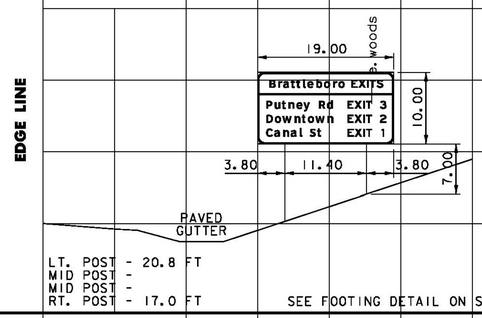
LT. POST - 14.0 FT
MID POST -
MID POST -
RT. POST - 12.9 FT

M.M. 12.271 SB



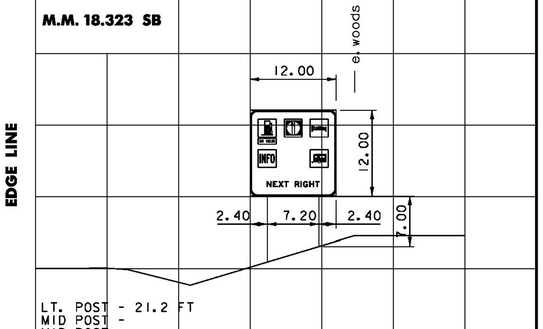
LT. POST - 19.0 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 13.255 SB



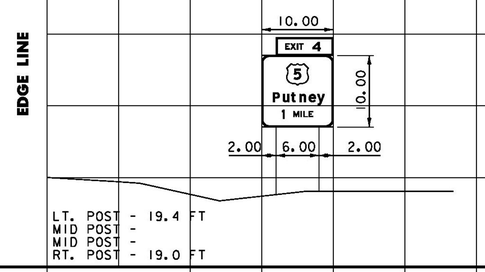
LT. POST - 20.8 FT
MID POST -
MID POST -
RT. POST - 17.0 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 18.323 SB



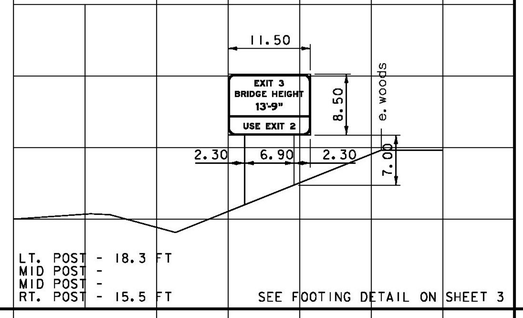
LT. POST - 21.2 FT
MID POST -
MID POST -
RT. POST - 19.0 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 19.114 SB



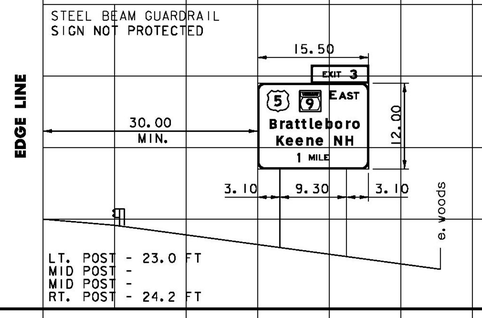
LT. POST - 19.4 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 12.150 SB



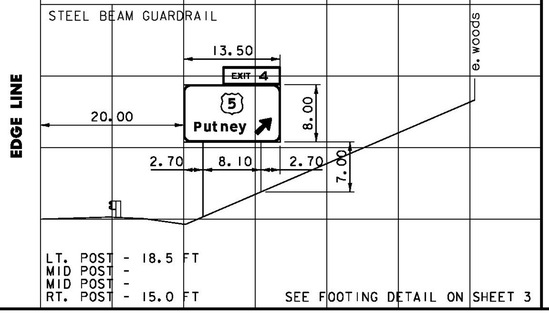
LT. POST - 18.3 FT
MID POST -
MID POST -
RT. POST - 15.5 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 12.920 SB



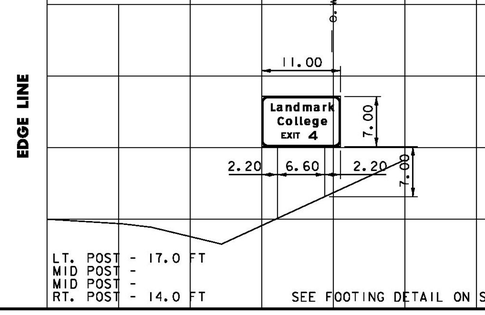
LT. POST - 23.0 FT
MID POST -
MID POST -
RT. POST - 24.2 FT

M.M. 18.161 SB



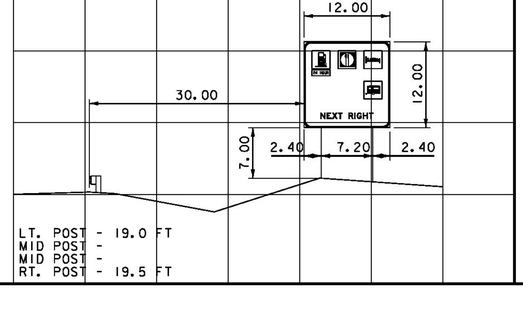
LT. POST - 18.5 FT
MID POST -
MID POST -
RT. POST - 15.0 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 18.750 SB



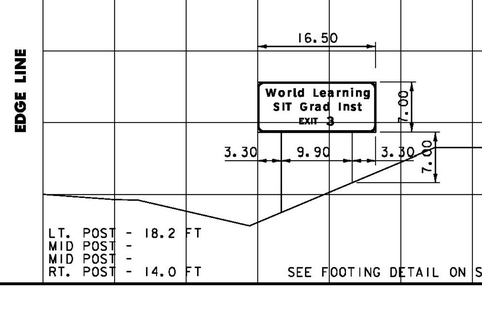
LT. POST - 17.0 FT
MID POST -
MID POST -
RT. POST - 14.0 FT
SEE FOOTING DETAIL ON SHEET 3

M.M. 12.025 SB



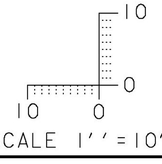
LT. POST - 19.0 FT
MID POST -
MID POST -
RT. POST - 19.5 FT

M.M. 12.798 SB



LT. POST - 18.2 FT
MID POST -
MID POST -
RT. POST - 14.0 FT
SEE FOOTING DETAIL ON SHEET 3

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



SCALE 1'' = 10'

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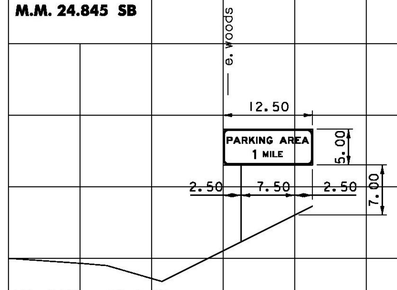
Maine • New Hampshire • Vermont

PROJECT NAME:	GUILFORD-ROCKINGHAM
PROJECT NUMBER:	IMG SIGN(44)
FILE NAME: z12A528xs.dgn	PLOT DATE: 4/17/2014
PROJECT LEADER: C. GREGORY	DRAWN BY: S. GOODWIN
DESIGNED BY: J. SMITH	CHECKED BY: D. MUNRO
CROSS SECTION SHEET 6	SHEET 156 OF 157

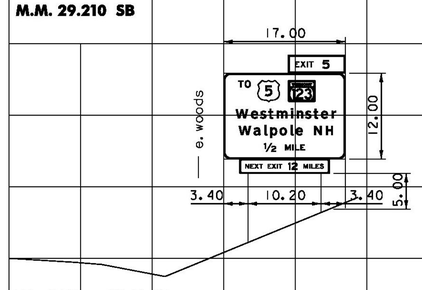
CLD 12-0350 MODEL: 06

M.M. 24.845 SB



LT. POST - 15.8 FT
MID POST -
MID POST -
RT. POST - 12.0 FT

M.M. 29.210 SB

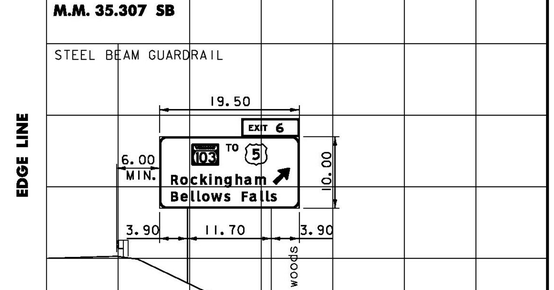


LT. POST - 23.7 FT
MID POST -
MID POST -
RT. POST - 19.5 FT

SEE FOOTING DETAIL ON SHEET 3

M.M. 35.307 SB

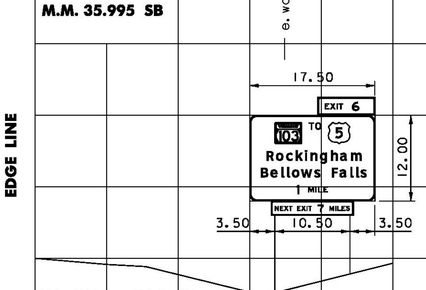
STEEL BEAM GUARDRAIL



LT. POST - 20.5 FT
MID POST -
MID POST -
RT. POST - 26.1 FT

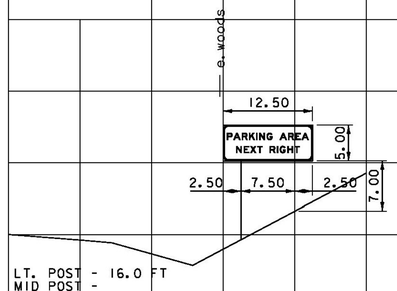
SEE FOOTING DETAIL ON SHEET 3

M.M. 35.995 SB



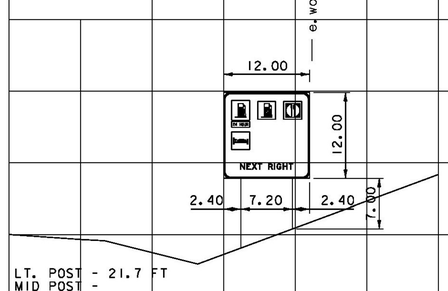
LT. POST - 24.8 FT
MID POST -
MID POST -
RT. POST - 22.2 FT

M.M. 24.160 SB



LT. POST - 16.0 FT
MID POST -
MID POST -
RT. POST - 12.0 FT

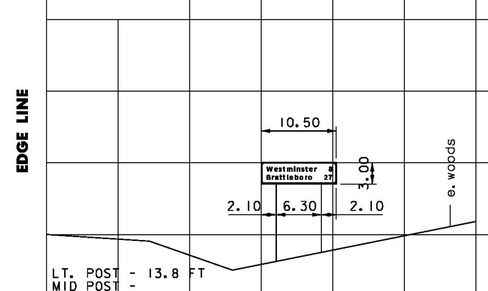
M.M. 29.060 SB



LT. POST - 21.7 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

SEE FOOTING DETAIL ON SHEET 3

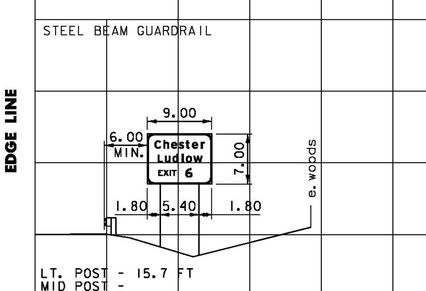
M.M. 34.390 SB



LT. POST - 13.8 FT
MID POST -
MID POST -
RT. POST - 12.5 FT

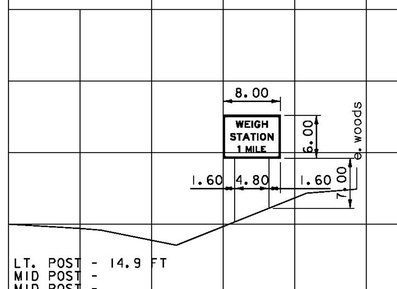
M.M. 35.809 SB

STEEL BEAM GUARDRAIL



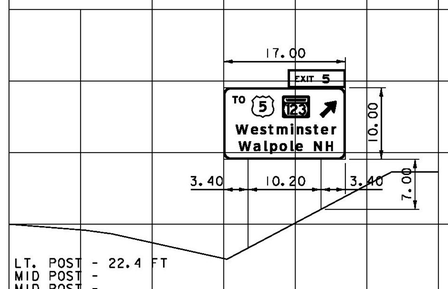
LT. POST - 15.7 FT
MID POST -
MID POST -
RT. POST - 16.9 FT

M.M. 23.005 SB



LT. POST - 14.9 FT
MID POST -
MID POST -
RT. POST - 13.0 FT

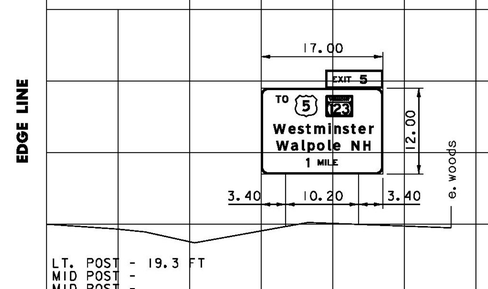
M.M. 28.910 SB



LT. POST - 22.4 FT
MID POST -
MID POST -
RT. POST - 17.0 FT

SEE FOOTING DETAIL ON SHEET 3

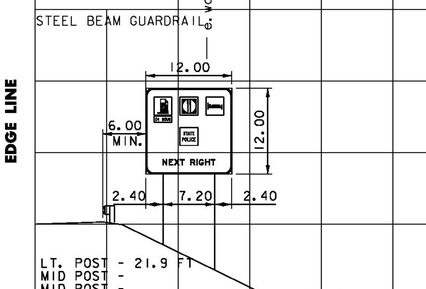
M.M. 29.627 SB



LT. POST - 19.3 FT
MID POST -
MID POST -
RT. POST - 19.0 FT

M.M. 35.650 SB

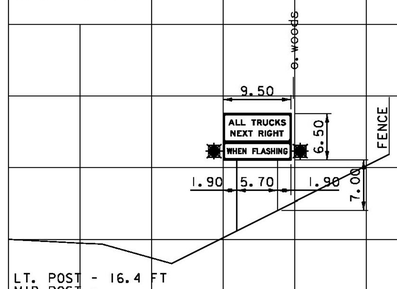
STEEL BEAM GUARDRAIL



LT. POST - 21.9 FT
MID POST -
MID POST -
RT. POST - 25.4 FT

SEE FOOTING DETAIL ON SHEET 3

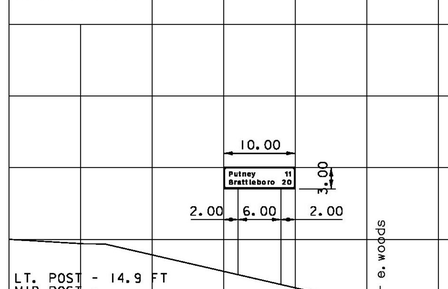
M.M. 22.709 SB



LT. POST - 16.4 FT
MID POST -
MID POST -
RT. POST - 13.5 FT

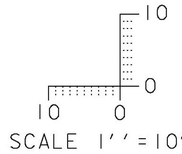
SEE FOOTING DETAIL ON SHEET 3

M.M. 27.888 SB



LT. POST - 14.9 FT
MID POST -
MID POST -
RT. POST - 16.3 FT

DIMENSIONS FOR CRITICAL OFFSETS OR CLEARANCES SHOWN FOR CONVENIENCE, REFER TO STANDARD SHEET E-120 FOR PLACEMENT GUIDELINES.



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PROJECT NAME: GUILFORD-ROCKINGHAM
PROJECT NUMBER: IMG SIGN(44)

FILE NAME: z12A528xs.dgn
PROJECT LEADER: C. GREGORY
DESIGNED BY: J. SMITH
CROSS SECTION SHEET 7

PLOT DATE: 4/17/2014
DRAWN BY: S. GOODWIN
CHECKED BY: D. MUNRO
SHEET 157 OF 157

CLD 12-0350 MODEL: 07