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2-1/2" SOIL BEARING SLIP BASE LOCATIONS

TOWN	DIRECTION	MILE POINT	NO. REQ.	SHEET
CAMBRIDGE	NB	8.668	2	59
CAMBRIDGE	NB	8.955	2	62
BAKERSFIELD	SB	3.721	2	98
BERKSHIRE	NB	4.773	2	115
BERKSHIRE	SB	4.864	2	125
BERKSHIRE	SB	4.832	2	126

- THE LOCATIONS SHOWN IN THE TABLE ABOVE WILL REQUIRE THAT EACH 2-1/2" SQUARE STEEL SIGN POST, AS SPECIFIED ON THE APPLICABLE SIGN SUMMARY SHEET, BE INSTALLED USING A SOIL BEARING SLIP BASE WITH ANCHOR SLEEVE. AT THESE SPECIFIED LOCATIONS THE 2-1/2" POSTS ARE NOT PROTECTED BY GUARDRAIL OR CURBING, THUS REQUIRING THE USE OF SOIL BEARING SLIP BASES FOR THE SIZE POST.
- PAYMENT FOR SOIL BEARING SLIP BASE WILL BE MADE UNDER CONTRACT ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2-1/2").

GENERAL

- EXISTING STAND-ALONE MILE MARKER SIGNS OR MILE MARKER SIGNS ATTACHED TO A RETAINED SIGN POST ASSEMBLY SHALL BE RETAINED.
- EXISTING MILE MARKER SIGNS ON SIGN POSTS BEING REPLACED SHALL BE REMOVED AND SALVAGED ONTO THE NEW SIGN POST, UNLESS OTHERWISE NOTED ON THE APPLICABLE SIGN SUMMARY SHEET OR AS DIRECTED BY THE ENGINEER.
- EXISTING MILE MARKER SIGNS ATTACHED TO A SIGN ASSEMBLY THAT IS TO BE REMOVED OR RELOCATED SHALL BE REMOVED AND DISPOSED OF, UNLESS OTHERWISE NOTED ON THE APPLICABLE SIGN SUMMARY SHEET OR AS DIRECTED BY THE ENGINEER.
- SELECTIVE CUTTING OF BRUSH OR TREE BRANCHES IN THE IMMEDIATE VICINITY OF A SIGN MAY BE NECESSARY TO PROVIDE FULL VISIBILITY FOR ANY EXISTING (RETAINED) OR NEW SIGN LOCATION. THIS WORK SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER AND WILL BE PAID FOR UNDER CONTRACT ITEM 201.31 THINNING AND TRIMMING FOR SIGNS. THIS WORK SHALL BE DONE AT THE SAME TIME THE SIGN IS INSTALLED, OR AS DIRECTED BY THE ENGINEER. ALL SIGNS SHALL BE FULLY VISIBLE FROM THE APPROACHING TRAVEL LANE FOR A MINIMUM DISTANCE OF 250 FEET. ANY SELECTIVE CUTTING OF BRUSH OR TREE BRANCHES WITHIN THE SMUGGLER'S NOTCH AREA (STOWE MILEPOINT 7.820 TO CAMBRIDGE MILEPOINT 2.166) SHALL BE COORDINATED WITH AND APPROVED BY THE NORTHEAST PARKS REGIONAL MANAGER.
- SEE THE UTILITIES SPECIAL PROVISIONS REGARDING REQUIREMENTS FOR UTILITIES LOCATED WITHIN THE PROJECT AREA.
- THE QUANTITIES FOR 675.20 TRAFFIC SIGNS TYPE A, 675.341 SQUARE TUBE SIGN POST AND ANCHOR, AND 675.50 REMOVING SIGNS HAVE BEEN INCREASED TO COVER REPLACEMENT OF ANY ADDITIONAL DAMAGED SIGNS AND/OR POSTS NOT PROPOSED FOR REPLACEMENT IN THIS PLAN SET (ASSUMING 10% OF RETAINED SIGNS ARE DAMAGED). SUCH SIGNS AND/OR POSTS SHALL BE REVIEWED AND AGREED UPON BY THE CONTRACTOR AND ENGINEER PRIOR TO THE CONTRACTOR ORDERING SIGN AND/OR POST MATERIALS.
- SEE NOTES FOR TRAFFIC CONTROL DRUM ON SHEET 4.

TEMPORARY TRAFFIC CONTROL NOTES

- ALL TRAFFIC CONTROL DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), VAO "STANDARD DRAWINGS" AND THE SPECIAL PROVISIONS. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE INCIDENTAL TO CONTRACT ITEM 641.10 TRAFFIC CONTROL.
- WHEN WORKING IN THE VICINITY OF EXISTING PEDESTRIAN FACILITIES, AMERICANS WITH DISABILITIES ACT (A.D.A.) ACCESSIBLE PEDESTRIAN ACCOMMODATIONS SHALL BE MAINTAINED AT ALL TIMES. PAYMENT WILL BE INCLUDED IN THE UNIT BID PRICE FOR CONTRACT ITEM 641.10 TRAFFIC CONTROL.
- THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.
- THE CONTRACTOR SHALL CONDUCT THE WORK AT ALL TIMES IN SUCH A MANNER AND IN SUCH SEQUENCE SO AS TO ENSURE THE LEAST INTERFERENCE WITH TRAFFIC OCCURS.
- TEMPORARY TRAFFIC CONTROL SIGNS SHALL ONLY BE VISIBLE TO MOTORISTS AT THE TIMES WHEN THE MESSAGE IS PERTINENT, E.G. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO MOTORISTS WHEN THE FLAGGER IS ACTUALLY PRESENT PERFORMING THEIR DUTIES.
- PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER CONTRACT ITEM 641.10 TRAFFIC CONTROL.
- TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE MOVED AS WORK AREA MOVES. AT NO TIME SHALL THE FLAGGER SIGN BE GREATER THAN 1000 FEET IN ADVANCE OF THE FLAGGER STATION.
- THE CONTRACTOR SHALL COORDINATE WITH THE TOWNS AND UTILITY COMPANIES WITHIN THE PROJECT LIMITS TO ENSURE THAT THE CONTRACTOR'S WORK SCHEDULE AND/OR TRAFFIC CONTROL SIGNS DO NOT CONFLICT WITH TRAFFIC CONTROL SIGNS FOR OTHER CONSTRUCTION PROJECTS, WORK BEING COMPLETED ON OTHER CONSTRUCTION PROJECTS, OR LOCAL EVENTS.

SIGN INSTALLATION

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE AND AT NO COST TO THE STATE.
- ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE RETAINED, REMOVED OR REPLACED AS NOTED OR AS DIRECTED BY THE ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE; EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- ALL SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH VAO STANDARD E-121 STANDARD SIGN PLACEMENT CONVENTIONAL ROADS, UNLESS OTHERWISE NOTED.
- ALL SIGNS, FRAMES, MOUNTING HARDWARE, POSTS, AND ANCHORS FOR ANY SIGN ASSEMBLY SHALL BE REPLACED AT THE SAME TIME. MIXING OF OLD AND NEW SIGNS ON THE SAME ASSEMBLY WILL NOT BE ALLOWED EXCEPT AS NOTED ON THE PLANS.
- NEW SIGNS, WITH THEIR GREATER NIGHTTIME RETROREFLECTIVITY, CAN OBSCURE OLDER SIGNS MOUNTED IN CLOSE PROXIMITY TO THEM. TO AVOID CONFUSION OF ROAD USERS, WORK SHALL BE COORDINATED SUCH THAT ALL SIGNS ASSOCIATED WITH A CURVE, INTERSECTION OR SPEED LIMIT CHANGE SHALL BE REPLACED ON THE SAME DAY AND NOT LEFT INCOMPLETE OR WITH A MIXTURE OF OLD AND NEW SIGNS WITHIN A GROUP OF ASSOCIATED SIGNS.
- ALL NEW SIGNS INSTALLATIONS, IF NEAR A UTILITY POLE, SHALL BE NO CLOSER THAN 10 FEET FROM THE UTILITY POLE.

SIGN DESIGN AND FABRICATION

- ALL SIGNS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST REVISION OF THE MUTCD, THE 2004 STANDARD HIGHWAY SIGNS AND MARKINGS (SHSM), AND THE 2012 SUPPLEMENT TO THE 2004 EDITION (SHSM) DETAILS AS AVAILABLE, VAO STANDARDS OR AS DETAILED IN THE PLANS.
- UNLESS OTHERWISE NOTED ON THE PLANS, ALL SIGNS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIGN SIZE	THICKNESS	THICKNESS	THICKNESS
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"

- ALL LETTERS AND NUMBERS USED FOR ALL SIGNS SHALL CONFORM TO THE APPLICABLE FONT AS DEFINED AND DETAILED IN THE 2004 SHSM AND THE 2012 SUPPLEMENT UNLESS OTHERWISE DETAILED IN THE PLANS.

- ALL ARROWS AND SYMBOLS SHALL CONFORM WITH THE 2004 SHSM AND THE 2012 SUPPLEMENT UNLESS OTHERWISE DETAILED IN THE PLANS.
- COLORS USED ON ALL SIGNS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 1A.12 OF THE MUTCD.
- SIGN SHEETING FOR FLUORESCENT YELLOW (FY) AND FLUORESCENT YELLOW-GREEN (FYG) SHALL BE AASHTO M268 (ASTM D4956) TYPE VII, VIII, OR IX. ALL OTHER SIGN SHEETING SHALL BE TYPE III OR IV.
- SHEETING TYPES AND MANUFACTURERS SHALL NOT BE MIXED ON A SINGLE SIGN ASSEMBLY. SHEETING COLOR/TYPE SHALL BE BY THE SAME MANUFACTURER AND SHALL BE CONSISTENT THROUGHOUT THE PROJECT.
- SIGN BASE MATERIAL FOR ALL STREET NAME SIGNS SHALL BE 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.

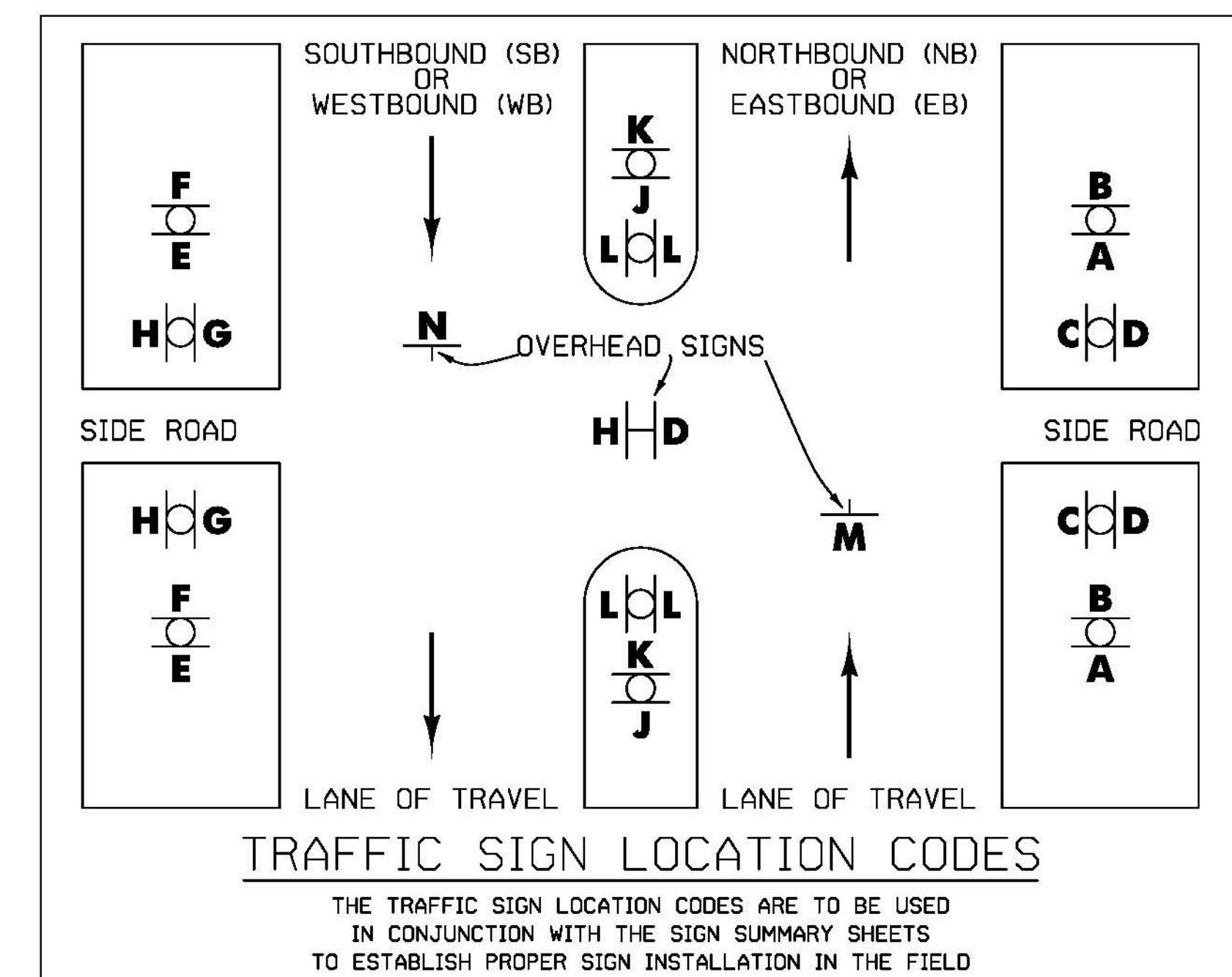
SIGN POSTS

- ALL SQUARE STEEL SIGN POSTS SHALL BE INSTALLED IN A NEW ANCHOR. ALL SIGNS INSTALLED IN PAVED OR CONCRETE ISLANDS OR SIDEWALKS SHALL ALSO BE INSTALLED WITH AN 18" SLEEVE. PAYMENT FOR SLEEVE SHALL BE INCIDENTAL TO CONTRACT ITEM 675.341 SQUARE TUBE SIGN POST AND ANCHOR.
- 1.75" SQUARE STEEL POSTS SHALL BE 14 GAGE STEEL. 2.0" AND 2.5" SQUARE STEEL POSTS SHALL BE 12 GAGE STEEL.
- DIAMOND-SHAPED ADVANCE WARNING SIGNS 36" AND LARGER WILL REQUIRE TWO POSTS. ASSEMBLIES WITH TWO 30" DIAMOND-SHAPED SIGNS WILL REQUIRE TWO POSTS. POST SPACING SHALL BE AS FOLLOWS:

30" SIGN	15-20"
36" SIGN	18-24"
48" SIGN	24-32"

STREET NAME SIGN INSTALLATION

- SIDE ROAD STREET NAME SIGNS, COMMONLY INSTALLED PERPENDICULAR TO APPROACHING MAINLINE TRAFFIC, SHALL BE POSITIONED IN SUCH A WAY AS TO ENSURE THE BEST POSSIBLE VISIBILITY TO APPROACHING MAINLINE TRAFFIC FROM EACH DIRECTION. IN MANY CASES, STREET NAME SIGNS MAY BE INSTALLED ABOVE THE SIDE ROAD STOP SIGN. IN CASES WHERE THE SIDE ROAD STOP SIGN POSITION WOULD NOT BE SUITABLE FOR A TOP-MOUNTED STREET NAME SIGN, OR DUE TO OTHER SITE-SPECIFIC CONSTRAINTS, THE STREET NAME SIGN MAY BE INSTALLED A MINIMUM OF SIX FEET FROM THE EDGE OF PAVEMENT OF THE MAINLINE ROUTE TO THE NEAREST EDGE OF THE SIGN.
- STREET NAME SIGNS WITH A LENGTH EXCEEDING 42-INCHES SHALL BE INSTALLED ON TWO POSTS. NO MORE THAN TWO POSTS SHALL OCCUPY AN EIGHT FOOT TRAVEL PATH, UNLESS PROTECTED BY BARRIER.
- TOP-MOUNTED STREET NAME SIGNS REQUIRE 12-INCH MOUNTING BRACKETS. ALL MOUNTING HARDWARE WILL BE CONSIDERED INCIDENTAL TO PAY ITEM 675.20 TRAFFIC SIGNS, TYPE A.
- IF EXISTING STREET NAME SIGNS ARE SALVAGED, THEY SHALL BE RE-INSTALLED PER THE ABOVE NOTES OR AS DIRECTED BY THE ENGINEER.
- STREET NAME SIGNS FOR PRIVATE ROADS SHALL BE RETAINED. UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.



TYLIN INTERNATIONAL	PROJECT NAME: STOWE-BERKSHIRE	PLOT DATE: 7/29/2015
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	FILE NAME: z13b620NOTES.dgn	CHECKED BY: K. KERN
	PROJECT LEADER: D. BRYANT	SHEET 2 OF 171
	DESIGNED BY: J. BLANCHARD	
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