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C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	10/14/05
C-3A	SIDEWALK RAMPS	03/10/08
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C-10	CURBING	02/11/08
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/95
E-163	TUBULAR STEEL SIGN POST	05/20/99
E-191	PAVEMENT MARKING DETAILS	02/01/99
T-1	TRAFFIC CONTROL GENERAL NOTES	08/06/12
T-10	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING	08/06/12
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T-35	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08/06/12
T-45	SQUARE TUBE SIGN POST AND ANCHOR	01/02/13

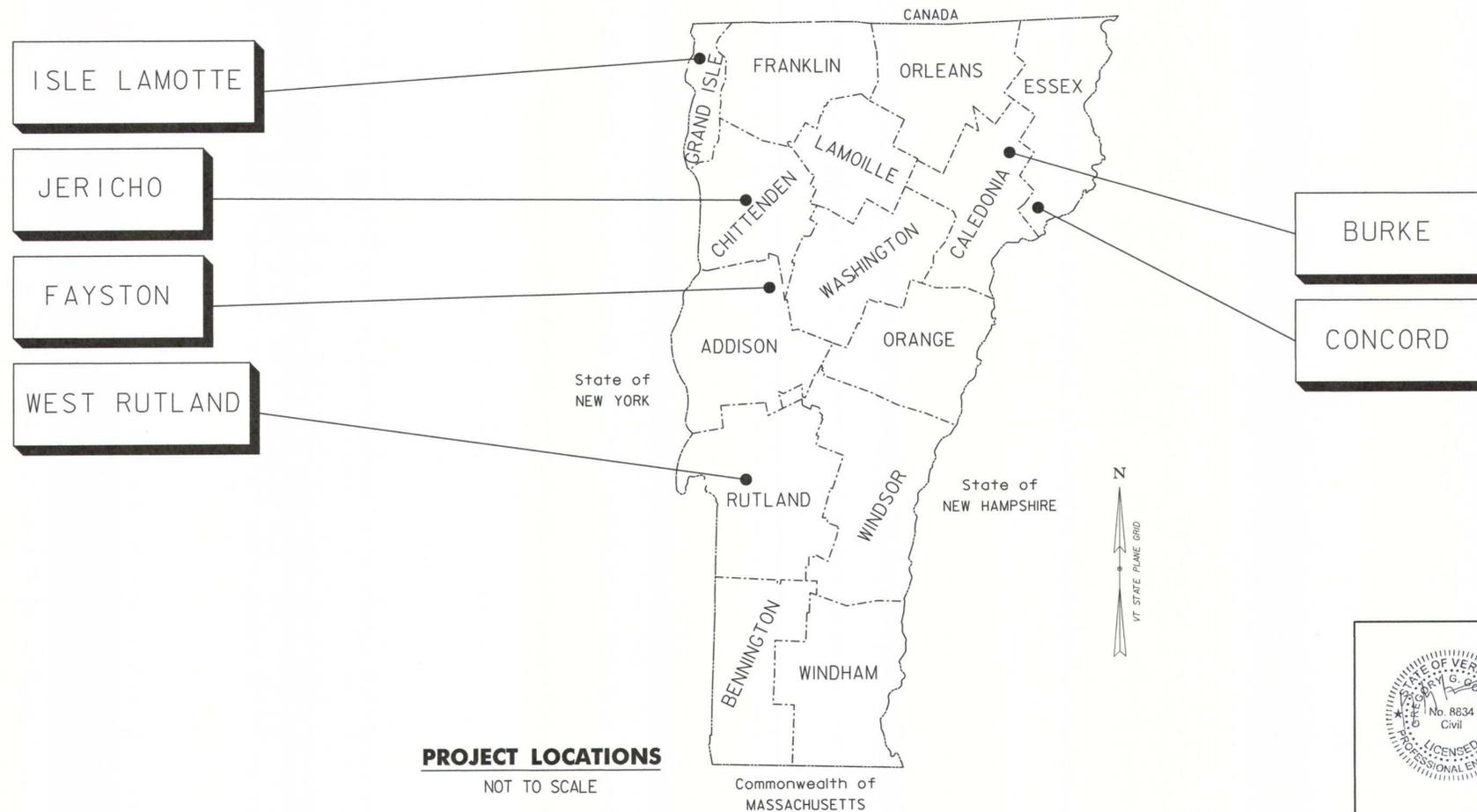
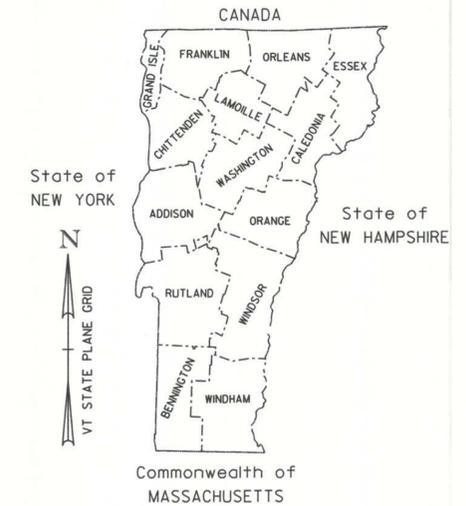
STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT SAFE ROUTES TO SCHOOL PROJECTS STATEWIDE STP SRIN (42)

THIS OVERALL PROJECT CONSISTS OF SAFETY IMPROVEMENTS LOCATED IN VARIOUS SCHOOL ZONES AROUND THE STATE AND INCLUDES LOCAL ROADS AND STATE HIGHWAYS. IMPROVEMENTS INCLUDE CONVENTIONAL SIGNS, FLASHING BEACONS, RADAR SPEED FEEDBACK SIGNS (RSFS), PAVEMENT MARKINGS, GRANITE CURBING AND SIDEWALK RAMPS.

- BURKE TOWN SCHOOL - WEST BURKE, CALEDONIA CO.
- CONCORD SCHOOLS - CONCORD, ESSEX CO.
- FAYSTON ELEMENTARY SCHOOL - WAITSFIELD, WASHINGTON CO.
- ISLE LAMOTTE ELEMENTARY SCHOOL - ISLE LAMOTTE, GRAND ISLE CO.
- BROWNS RIVER MIDDLE SCHOOL - JERICO, CHITTENDEN CO.
- WEST RUTLAND SCHOOL - WEST RUTLAND, RUTLAND CO.



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 3	
SURVEYED BY :	STANTEC
SURVEYED DATE :	09/18/14
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



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DIRECTOR OF MUNICIPAL ASSISTANCE	APPROVED _____ DATE _____
PROJECT MANAGER : JON KAPLAN, P.E.	
PROJECT NAME : STATEWIDE	
PROJECT NUMBER : STP SRIN (42) RE-ADVERTISED	
SHEET 1 OF 20 SHEETS	

GENERAL INFORMATION

SYMBOLGY LEGEND NOTE

THE SYMBOLGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLGY. THE SYMBOLGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R. O. W. ABBREVIATIONS (CODES) & SYMBOLS

POINT CODE	DESCRIPTION
CH	CHANNEL EASEMENT
CONST	CONSTRUCTION EASEMENT
CUL	CULVERT EASEMENT
D&C	DISCONNECT & CONNECT
DIT	DITCH EASEMENT
DR	DRAINAGE EASEMENT
DRIVE	DRIVEWAY EASEMENT
EC	EROSION CONTROL
I&M	INSTALL & MAINTAIN EASEMENT
LAND	LANDSCAPE EASEMENT
R&RES	REMOVE & RESET
R&REP	REMOVE & REPLACE
SR	SLOPE RIGHT
UE	UTILITY EASEMENT
(P)	PERMANENT EASEMENT
(T)	TEMPORARY EASEMENT
■	BNDNS BOUND SET
▣	BNDNS BOUND TO BE SET
●	IPNS IRON PIN SET
⊙	IPNS IRON PIN TO BE SET
⊠	CALC EXISTING ROW POINT
○	PROW PROPOSED ROW POINT
[LENGTH]	LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT CODE	DESCRIPTION
⊕	APL BOUND APPARENT LOCATION
□	BM BENCH MARK
▣	BND BOUND
⊕	CB CATCH BASIN
⊕	COMB COMBINATION POLE
⊕	DITHR DROP INLET THROATED DNC
⊕	EL ELECTRIC POWER POLE
○	FPOLE FLAGPOLE
○	GASFIL GAS FILLER
○	GP GUIDE POST
×	GSO GAS SHUT OFF
○	GUY GUY POLE
○	GUYW GUY WIRE
×	GV GATE VALUE
⊕	H TREE HARDWOOD
△	HCTRL CONTROL HORIZONTAL
△	HVCTRL CONTROL HORIZ. & VERTICAL
◇	HYD HYDRANT
●	IP IRON PIN
●	IPIPE IRON PIPE
⊕	LI LIGHT - STREET OR YARD
⊕	MB MAILBOX
○	MH MANHOLE (MH)
▣	MM MILE MARKER
●	PM PARKING METER
▣	PMK PROJECT MARKER
POST	POST STONE/WOOD
RRSIG	RAILROAD SIGNAL
RRSL	RAILROAD SWITCH LEVER
S	TREE SOFTWOOD
SAT	SATELLITE DISH
⊕	SHRUB SHRUB
⊕	SIGN SIGN
⊕	STUMP STUMP
TEL	TELEPHONE POLE
TIE	TIE
TSIGN	SIGN W/DOUBLE POST
VCTRL	CONTROL VERTICAL
WELL	WELL
WSO	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADUIS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

UTILITY SYMBOLGY

UNDERGROUND UTILITIES

— UT —	TELEPHONE
— UE —	ELECTRIC
— UC —	CABLE (TV)
— UEC —	ELECTRIC+CABLE
— UET —	ELECTRIC+TELEPHONE
— UCT —	CABLE+TELEPHONE
— UECT —	ELECTRIC+CABLE+TELEP.
— G —	GAS LINE
— W —	WATER LINE
— S —	SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

— T —	TELEPHONE
— E —	ELECTRIC
— C —	CABLE (TV)
— EC —	ELECTRIC+CABLE
— ET —	ELECTRIC+TELEPHONE
— AER E&T —	ELECTRIC+TELEPHONE
— CT —	CABLE+TELEPHONE
— ECT —	ELECTRIC+CABLE+TELEP.
—	UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLGY

PROJECT DESIGN & LAYOUT SYMBOLGY

—	CLEAR ZONE
—	PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

△	TOP OF CUT SLOPE
○	TOE OF FILL SLOPE
⊗	STONE FILL
---	BOTTOM OF DITCH L
---	CULVERT PROPOSED
---	STRUCTURE SUBSURFACE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
XXXXXX	TREE PROTECTION ZONE (TPZ)
////	STRIPING LINE REMOVAL
~~~~	SHEET PILES

**CONVENTIONAL BOUNDARY SYMBOLGY**

**BOUNDARY LINES**

— TOWN LINE —	TOWN BOUNDARY LINE
— COUNTY LINE —	COUNTY BOUNDARY LINE
— STATE LINE —	STATE BOUNDARY LINE
—	PROPOSED STATE R.O.W. (LIMITED ACCESS)
—	PROPOSED STATE R.O.W.
—	STATE ROW (LIMITED ACCESS)
—	STATE ROW
—	TOWN ROW
---	PERMANENT EASEMENT LINE (P)
---	TEMPORARY EASEMENT LINE (T)
+	SURVEY LINE
—	PROPERTY LINE (P/L)
SR	SLOPE RIGHTS
6f	6F PROPERTY BOUNDARY
4f	4F PROPERTY BOUNDARY
HAZ	HAZARDOUS WASTE

**EPSC LAYOUT PLAN SYMBOLGY**

**EPSC MEASURES**

ONNOONNOONNO	FILTER CURTAIN
—	SILT FENCE
—	SILT FENCE WOVEN WIRE
—	CHECK DAM
—	DISTURBED AREAS REQUIRING RE-VEGETATION
—	EROSION MATTING

**ENVIRONMENTAL RESOURCES**

—	WETLAND BOUNDARY
---	RIPARIAN BUFFER ZONE
---	WETLAND BUFFER ZONE
---	SOIL TYPE BOUNDARY
T&E	THREATENED & ENDANGERED SPECIES
HAZ	HAZARDOUS WASTE AREA
AG	AGRICULTURAL LAND
HABITAT	FISH & WILDLIFE HABITAT
FLOOD PLAIN	FLOOD PLAIN
—	ORDINARY HIGH WATER (OHW)
—	STORM WATER
---	USDA FOREST SERVICE LANDS
---	WILDLIFE HABITAT SUIT/CONN

**ARCHEOLOGICAL & HISTORIC**

— ARCH —	ARCHEOLOGICAL BOUNDARY
— HISTORIC DIST —	HISTORIC DISTRICT BOUNDARY
— HISTORIC —	HISTORIC AREA
Ⓜ	HISTORIC STRUCTURE

**CONVENTIONAL TOPOGRAPHIC SYMBOLGY**

**EXISTING FEATURES**

---	ROAD EDGE PAVEMENT
---	ROAD EDGE GRAVEL
---	DRIVEWAY EDGE
---	DITCH
---	FOUNDATION
×	FENCE (EXISTING)
□	FENCE WOOD POST
○	FENCE STEEL POST
---	GARDEN
---	ROAD GUARDRAIL
---	RAILROAD TRACKS
---	CULVERT (EXISTING)
---	STONE WALL
---	WALL
---	WOOD LINE
---	BRUSH LINE
---	HEDGE
---	BODY OF WATER EDGE
---	LEDGE EXPOSED

PROJECT NAME: STATEWIDE  
PROJECT NUMBER: STP SRIN(42)

FILE NAME: z13f048.dgn PLOT DATE: 9/24/2015  
PROJECT LEADER: G. GOYETTE DRAWN BY: T. MANAHAN  
DESIGNED BY: T. MANAHAN CHECKED BY: K. RICHARDSON  
CONVENTIONAL SYMBOLGY LEGEND SHEET 2 OF 20



GENERAL NOTES:

1. RIGHT OF WAY LIMITS SHOWN ARE EXISTING AND CONSIDERED APPROXIMATE. LIMITS WERE DETERMINED FROM TOWN TAX MAPPING.
2. SIGNS SHALL BE PLACED IN THE LOCATIONS SHOWN ON THE PLANS AND IN ACCORDANCE WITH VTRANS STANDARD DRAWING E-121. LATERAL CLEARANCE FROM EDGE OF PAVEMENT TO THE EDGE OF THE SIGN SHOULD BE PER STANDARD. ALL SIGNS SHALL BE INSTALLED WITHIN THE TOWN OR STATE ROW AND SHALL BE HIGHLY VISIBLE TO VEHICULAR TRAFFIC. EXACT SIGN LOCATIONS SHALL BE REVIEWED IN THE FIELD WITH THE ENGINEER AND MUNICIPAL REPRESENTATIVE. EXACT SIGN LOCATIONS MAY BE REVISED TO MEET REQUIREMENTS AT THE DISCRETION OF THE ENGINEER. SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ORDERING AND INSTALLATION.
3. VERTICAL CLEARANCE FROM EDGE OF PAVEMENT TO BOTTOM OF SIGN SHALL BE FOR URBAN LOCATIONS PER VTRANS STANDARD DRAWING E-121.
4. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL SIGNS SHOWN TO BE REMOVED ON THE PLANS ARE TO BE EITHER RETURNED TO OWNER OR PROPERLY DISPOSED OF PER SPECIAL PROVISIONS.
5. REMOVAL, THINNING OR TRIMMING OF TREES AND VEGETATION NECESSARY FOR SIGN PLACEMENT WILL BE PAID UNDER ITEM 201.31 THINNING AND TRIMMING FOR SIGNS.

6. DIG SAFE NOTE: UTILITIES ARE NOT SHOWN ON PLANS. CONTRACTOR MUST CONTACT "DIG SAFE" AT 1 (888) 344-7233 [1 (888) DIG-SAFE] BEFORE EXCAVATING OR DRILLING. IF SIGN LOCATION IS IN CONFLICT WITH UNDERGROUND UTILITIES, THE SIGN LOCATION SHALL BE ADJUSTED TO ELIMINATE THE CONFLICT. FINAL SIGN LOCATION SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND MUNICIPAL REPRESENTATIVE PRIOR TO INSTALLATION. SEE THE UTILITIES SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

7. CONTRACTOR SHALL CONTACT MUNICIPAL REPRESENTATIVE A MINIMUM OF ONE WEEK IN ADVANCE OF PLANNED CONSTRUCTION. CONTACT INFORMATION IS AS FOLLOWS:

MUNICIPALITY	CONTACT	PHONE
BURKE	MARC BROWN	802-467-3385
CONCORD	SUSAN LAMADELEINE	802-695-2910 EXT. 21
FAYSTON	PATTI LEWIS	802-496-2454
ISLE LAMOTTE	SELBY TURNER	802-922-7573
JERICO	TODD ODIT	802-899-9970
WEST RUTLAND	MARY ANN GOULETTE	802-438-2263

8. CARE SHALL BE TAKEN TO AVOID DAMAGE TO NEARBY FENCES, BUILDINGS, MONUMENTS, IRON PINS, AND ANY OTHER APPURTENANCES DURING CONSTRUCTION. DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. IF PROPERTY INCLUDING BUT NOT LIMITED TO IRON PINS, FENCES, BUILDINGS, MONUMENTS, ETC. NEEDS TO BE TEMPORARILY RELOCATED DURING CONSTRUCTION, CONTRACTOR SHALL DOCUMENT EXACT LOCATION AND RESET IN THE SAME LOCATION UPON COMPLETION OF WORK. PROPERTY SHALL BE RESET TO ITS ORIGINAL CONDITION OR BETTER. COST TO COMPLETE THIS WORK WILL BE CONSIDERED INCIDENTAL TO ALL OTHER CONTRACT ITEMS.
10. CONTRACTOR SHALL PROVIDE AT LEAST ONE WEEK NOTICE TO ADJACENT PROPERTY OWNERS AND BUSINESSES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL INFORM PROPERTY OWNER OF WORK TO BE COMPLETED AND SHALL WORK WITH PROPERTY OWNER TO MAINTAIN ACCESS TO PROPERTY AT ALL TIMES. COST TO COMPLETE THIS WORK WILL BE CONSIDERED INCIDENTAL TO ALL OTHER CONTRACT ITEMS.

PAVEMENT MARKING NOTES:

11. PAVEMENT MARKINGS DIMENSIONS SHALL BE IN ACCORDANCE WITH VTRANS STANDARD DRAWING E-191.
12. WHERE REMOVAL OF AN EXISTING CROSSWALK OR LETTER PAVEMENT MARKING IS NECESSARY, REMOVAL WILL BE PAID AS ITEM 646.85 REMOVAL OF EXISTING PAVEMENT MARKING.
13. ALL NEW CROSSWALKS WILL BE PAID AS ITEM 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC OR ITEM 646.504 DURABLE CROSSWALK MARKING, POLYUREA.
14. CROSSWALK MARKINGS SHALL BE BLOCK PATTERN AS SHOWN IN THE DETAIL ON SHEET 4, NDS-2.

SIDEWALK AND CROSSWALK NOTES:

15. CROSSWALK RAMPS AND DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH VTRANS STD DRAWINGS C-3A AND C-3B. ALL DETECTABLE WARNING SURFACES SHALL BE CAST IRON AND WILL BE PAID AS ITEM 618.30 DETECTABLE WARNING SURFACE.
16. IN WEST RUTLAND ONLY REMOVAL OF PORTLAND CEMENT CONCRETE SIDEWALK AND BITUMINOUS SIDEWALK SHALL BE PAID AS ITEM 203.15 COMMON EXCAVATION. ALL OTHER INSTANCES WILL BE PAID INCIDENTAL TO SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
17. WHERE LAWN AREAS ARE TO BE RESTORED, CONTRACTOR TO PROVIDE A MINIMUM OF 2" OF TOPSOIL, APPLY SEED, FERTILIZER, LIMESTONE, AND MULCH PER DETAILS ON SHEET NDS-2 AND IN ACCORDANCE WITH SECTION 651 OF THE VAOT STANDARD SPECIFICATIONS. PAYMENT SHALL BE INCIDENTAL TO ALL OTHER CONTRACT ITEMS.
18. PAYMENT FOR ANY SAWCUTTING OF PAVEMENT REQUIRED TO COMPLETE THE WORK WILL BE CONSIDERED INCIDENTAL TO ALL OTHER CONTRACT ITEMS.
19. ALL PAVEMENT AND PAVEMENT PATCHING ON PROJECT WILL BE PAID AS 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
20. CONTRACTOR SHALL RESTORE PROPERTY IN AN ACCEPTABLE MANNER SATISFACTORY TO THE ENGINEER IN ACCORDANCE WITH SECTION 107 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. PAYMENT FOR TOPSOIL, SEED, FERTILIZER, MULCH AND ANY OTHER WORK OR MATERIALS NECESSARY SHALL BE INCIDENTAL TO ALL OTHER CONTRACT ITEMS. SEE SHEET NDS-2 AND SECTION 651 OF THE VAOT STANDARD SPECIFICATIONS FOR TURF ESTABLISHMENT REQUIREMENTS.

RADAR SPEED FEEDBACK SIGN AND FLASHING BEACON NOTES:

21. RADAR SPEED FEEDBACK SIGNS (RSFS) SHALL BE INSTALLED BELOW ALL NEW R2-1 SIGNS, AS SHOWN ON THE PLANS. FLASHING BEACONS SHALL BE INSTALLED ABOVE NEW S1-1 SIGNS IF SHOWN ON THE PLANS. RSFS AND BEACONS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
22. THE RSFS SHALL INCLUDE THE LEGEND "YOUR SPEED XX MPH" OR SIMILAR. THE COLOR OF THE CHANGEABLE MESSAGE LEGEND SHALL BE A FLUORESCENT YELLOW-GREEN ON A BLACK BACKGROUND OR THE REVERSE OF THESE COLORS.
23. THE CHANGEABLE DISPLAY SHALL BE PROGRAMMED TO GO BLANK/NO DISPLAY WHEN THE VEHICLE SPEED EXCEEDS 15 MPH OVER THE POSTED SPEED.
24. WHEN ACTIVATED, THE RSFS DISPLAY SHALL GIVE DRIVERS IMMEDIATE FEEDBACK ON THEIR INDIVIDUAL DRIVING SPEED WHEN THE POSTED SPEED IS EXCEEDED. FEEDBACK SHALL BE WITHOUT ANIMATION, RAPID FLASHING, OR OTHER DYNAMIC ELEMENTS.
25. WHEN INSTALLED IN ASSOCIATION WITH SCHOOL SPEED ZONES, THE RSFS SHALL OPERATE ONLY WHEN THE SCHOOL SPEED ZONE IS IN EFFECT. (GENERALLY, THE RSFS WILL OPERATE ONLY ON DAYS THAT SCHOOLS ARE IN SESSION, FOR THIRTY MINUTES BEFORE AND FIFTEEN MINUTES AFTER THE TIME THAT THE SCHOOL DAY BEGINS; AND FIFTEEN MINUTES BEFORE AND THIRTY MINUTES AFTER THE TIME THAT THE SCHOOL DAY ENDS). USE OF RSFS IN CONJUNCTION WITH SCHOOL SPEED ZONES "WHEN CHILDREN ARE PRESENT" IS NOT ALLOWED.
26. RSFS INSTALLATION SHALL NOT INTERFERE WITH THE VISIBILITY AND GENERAL EFFECTIVENESS OF ANY OTHER SIGNS IN THE AREA.
27. ALL ELEMENTS OF THE RSFS SHALL CONFORM TO THE GUIDANCE AND STANDARDS AS OUTLINED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

RADAR SPEED FEEDBACK SIGN NOTES (CONT'D):

28. THE CONTRACTOR SHALL SUPPLY INFORMATION THAT DOCUMENTS THAT THE RSFS AND SIGN SUPPORT ASSEMBLY AND INSTALLATION MEET THE REQUIREMENTS FOR CRASH-WORTHINESS AS DEFINED IN THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350. RSFS SIGNS INSTALLED WITHIN THE CLEAR ZONE OF THE ROADWAY SHALL HAVE BREAKAWAY BASES CONSTRUCTED IN ACCORDANCE WITH VTRANS STANDARD E-163 AND PAID INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (RADAR FEEDBACK SIGN ASSEMBLY, SOLAR-POWERED). CLEAR ZONE IS AS DETAILED ON LAYOUT SHEETS, WHERE CURB EXISTS A 1.5' HORIZONTAL OFFSET TO OBSTRUCTIONS FROM FACE OF CURB WILL BE PROVIDED.
29. THE CONTRACTOR SHALL SUBMIT FABRICATION DRAWINGS FOR RADAR SPEED FEEDBACK AND FLASHING BEACON SIGN FOUNDATIONS AND POSTS. FOUNDATION AND POST DESIGNS SHALL BE COMPLETED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF VERMONT. FOUNDATION AND POST DESIGNS SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. NO GEOTECHNICAL INFORMATION IS AVAILABLE. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR PAY ITEM 900.620 SPECIAL PROVISION (RADAR SPEED FEEDBACK SIGN ASSEMBLY, SOLAR-POWERED) AND ITEM 900.620 SPECIAL PROVISION (SCHOOL ZONE FLASHING BEACON, SOLAR-POWERED)
30. SIGNS SHALL NOT BE MOUNTED USING BAND CLAMPS.
31. CONTRACTOR SHALL RETRIEVE IDENTIFICATION AND CONTACT INFORMATION FOR THE MUNICIPALITY IN WHICH THE RSFS IS INSTALLED AND IT SHALL BE PERMANENTLY DISPLAYED ON THE CASE OF THE RSFS.
32. RSFS SHALL INCLUDE ALL NECESSARY HARDWARE AND SOFTWARE THAT ALLOWS THE SIGN TO BE PROGRAMMED REMOTELY THROUGH THE INTERNET, FROM AN OFFSITE COMPUTER LOCATION. THE MANUFACTURER'S REPRESENTATIVE SHALL INSTALL THE NECESSARY SOFTWARE IN LOCATIONS TO BE DETERMINED BY MUNICIPAL REPRESENTATIVES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION WITH THE APPROPRIATE MUNICIPAL REPRESENTATIVE. THIS WORK WILL BE PAID INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (RADAR SPEED FEEDBACK SIGN ASSEMBLY, SOLAR-POWERED).
33. THE MANUFACTURER'S REPRESENTATIVE SHALL PROVIDE TRAINING ON THE OPERATION AND MAINTENANCE OF THE RSFS TO EACH MUNICIPAL REPRESENTATIVE. THE CONTRACTOR OR MANUFACTURER'S REPRESENTATIVE SHALL SUPPLY OPERATIONS AND MAINTENANCE MANUALS TO EACH MUNICIPALITY. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TRAINING WITH THE ENGINEER, MANUFACTURER AND MUNICIPALITIES. THIS WORK WILL BE PAID INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (RADAR SPEED FEEDBACK SIGN ASSEMBLY, SOLAR-POWERED).
34. ALL SIGNS SHALL BE SOLAR POWERED WITH BATTERY BACKUP SYSTEM. CONTRACTOR SHALL PROVIDE ALL INFORMATION REQUIRED FOR SOLAR PANEL DESIGN TO THE SIGN MANUFACTURER, AND PROVIDE PANEL SIZING CALCULATIONS FROM THE MANUFACTURER TO THE ENGINEER FOR REVIEW AND APPROVAL. RSFS AND FLASHING BEACONS SHALL NOT BE ORDERED UNTIL FABRICATION DRAWINGS AND SIZING CALCULATIONS ARE REVIEWED AND APPROVED BY THE ENGINEER.

PROJECT NAME: STATEWIDE  
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FILE NAME: z13f048.dgn PLOT DATE: 9/24/2015  
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DESIGNED BY: T. MANAHAN CHECKED BY: K. RICHARDSON  
NOTES AND DETAILS NDS-1 SHEET 3 OF 20



**TRAFFIC CONTROL NOTES:**

35. THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SITE SPECIFIC TRAFFIC CONTROL PLAN FOR EACH WORK ZONE PER THE CURRENT EDITION OF THE MUTCD. TRAFFIC CONTROL PLANS SHALL INCLUDE PROVISIONS FOR THE MOVEMENT AND PROTECTION OF PEDESTRIANS THROUGH THE WORK ZONE IN ACCORDANCE WITH REQUIREMENTS CONTAINED IN THE CURRENT EDITION OF THE MUTCD AND THE AMERICANS WITH DISABILITIES ACT (ADA). THE CONTRACTOR SHALL ALLOW THE ENGINEER 14 CALENDAR DAYS TO REVIEW AND ACCEPT THE PROPOSED PLANS BEFORE THEY ARE TO BE IMPLEMENTED. NO WORK SHALL COMMENCE UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. DEVELOPMENT AND IMPLEMENTATION OF TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.

36. ESTIMATED QUANTITIES OF FLAGGERS AND UNIFORMED TRAFFIC OFFICERS HAVE BEEN INCLUDED IN THE CONTRACT. PAYMENT WILL BE UNDER ITEMS 630.15 FLAGGERS AND 630.10 UNIFORMED TRAFFIC OFFICERS.

37. UNLESS COVERED UNDER INDIVIDUAL PAY ITEMS OR NOTED OTHERWISE, ALL COSTS FOR TEMPORARY TRAFFIC CONTROL DEVICES INCLUDING RETROREFLECTIVE DRUMS, SIGNS AND SIGN POSTS WILL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL, ITEM 641.10.

38. CONSTRUCTION SIGNS SHALL BE INSTALLED SO AS NOT TO OBSTRUCT EXISTING SIGNS OR CORNER SIGHT DISTANCE FROM HIGHWAYS OR DRIVES.

39. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD AND THE "STANDARD HIGHWAY SIGNS AND MARKINGS" BOOK (SHSM) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA).

40. ORANGE SOLID SUBSTRATE CONSTRUCTION SIGNS SHALL HAVE RETROREFLECTIVE SHEETING EQUAL TO OR EXCEEDING "AMERICAN SOCIETY FOR TESTING AND MATERIALS" (ASTM D 4956) TYPE VII, VIII OR IX REQUIREMENTS, UNLESS OTHERWISE NOTED.

41. ROLL UP SIGNS SHALL HAVE RETROREFLECTIVE SHEETING EQUAL TO OR EXCEEDING ASTM D 4956 TYPE VI.

42. CONSTRUCTION SIGNS SHALL BE ERECTED BEFORE THE START OF ANY WORK AND SHALL BE COMPLETELY COVERED UNTIL WORK COMMENCES, DURING PERIODS OF INACTIVITY OR UPON COMPLETION OF THE WORK. EACH SIGN SHALL BE ERECTED IN A NEAT AND WORKMANLIKE MANNER. SIGNS SHALL BE REMOVED UPON COMPLETION OF THE WORK AT THE DISCRETION OF THE ENGINEER.

43. FIXED CONSTRUCTION SIGNS SHALL BE SET SECURELY IN THE GROUND. THE BOTTOM OF A SIGN SHALL BE AT LEAST SEVEN FEET ABOVE THE EDGE OF PAVEMENT. THE NEAREST EDGE OF A SIGN SHOULD BE AT LEAST SIX FEET OUTSIDE THE SHOULDER POINT.

44. PORTABLE SIGNS SHALL BE PLACED ON THE EDGE OF ROADWAY AND AT ONE FOOT MINIMUM ABOVE TRAVELED WAY. ALL VEGETATION THAT INTERFERES WITH VISIBILITY OF THE SIGNS SHALL BE REMOVED. WHEN PLACED BEHIND GUARDRAIL, THE BOTTOM OF THE SIGN FACE SHALL BE ABOVE THE TOP OF THE GUARDRAIL. PORTABLE SIGNS SHALL NOT BE PLACED SUCH THAT PEDESTRIAN WALKWAYS ARE BLOCKED.

45. WHERE SIGN INSTALLATIONS ARE NOT PROTECTED BY GUARDRAIL OR OTHER APPROVED TRAFFIC BARRIERS, ALL SIGN STANDS AND POST INSTALLATIONS SHALL BE "NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM" (NCHRP) REPORT 350 COMPLIANT. NO SIGN POSTS SHALL EXTEND OVER THE TOP OF THE SIGN INSTALLED ON SAID POST(S). WHEN ANCHORS ARE INSTALLED, STUB SHALL NOT BE GREATER THAN FOUR INCHES ABOVE EXISTING GROUND.

46. DURING NON-WORK PERIODS, ALL EQUIPMENT SHALL BE MOVED TO A LOCATION OFF PAVED SHOULDERS AND OUTSIDE THE CLEAR ZONE OR PROTECTED BY TRAFFIC BARRIER OR GUARDRAIL.

47. THE CONTRACTOR SHALL HAVE SIGNS FOR TRAFFIC CONTROL ON PROJECT BEFORE WORK COMMENCES.

**PEDESTRIAN TRAFFIC CONTROL NOTES:**

48. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE CURRENT EDITION MUTCD.

49. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.

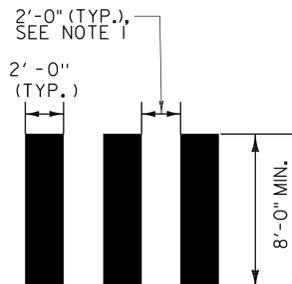
50. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.

51. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE CURRENT EDITION MUTCD SHALL BE USED.

52. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.

53. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND TPAR HAVE BEEN PROVIDED.

54. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN TO THE ENGINEER FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPAR'S AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR PROVIDING AND IMPLEMENTING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.



- NOTES:
1. ADJUST SPACING (1'-0" TO 2'-0") TO AVOID WHEEL PATHS.
  2. CROSSWALKS SHALL BE PAID AS ITEM 646.502 OR ITEM 646.504.
  3. CROSSWALK MARKINGS SHALL BE WHITE.

**BLOCK PATTERN CROSSWALK DETAIL**

NOT TO SCALE

VAOT URBAN LAWN MIX						
WEIGHT	LBS/AC		NAME	LATIN NAME	GERM	PURITY
	BROADCAST	HYDROSEED				
42.5%	34	68	CREeping RED FESCUE	FESTUCA RUBRA X RUBRA	85%	98%
20.0%	16	32	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	26	52	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	4	8	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	80	160				

**GENERAL AMENDMENT GUIDANCE**

FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

**CONSTRUCTION GUIDANCE**

1. SEED MIX: THE URBAN AREA MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
2. SEED MIX: USE ONLY AS INDICATED IN THE PLANS.
3. SEED MIX: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES	<b>TURF ESTABLISHMENT</b>
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.15)	REVISIONS
	JANUARY 22, 2015 WHF



PROJECT NAME: STATEWIDE	PLOT DATE: 9/24/2015
PROJECT NUMBER: STP SRIN(42)	DRAWN BY: T. MANAHAN
FILE NAME: z13f048.def.dgn	CHECKED BY: K. RICHARDSON
PROJECT LEADER: G. GOYETTE	SHEET 4 OF 20
DESIGNED BY: T. MANAHAN	
NOTES AND DETAILS NDS-2	

# QUANTITY SHEET 1

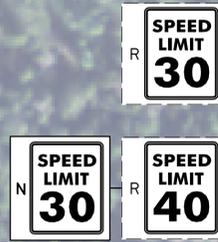
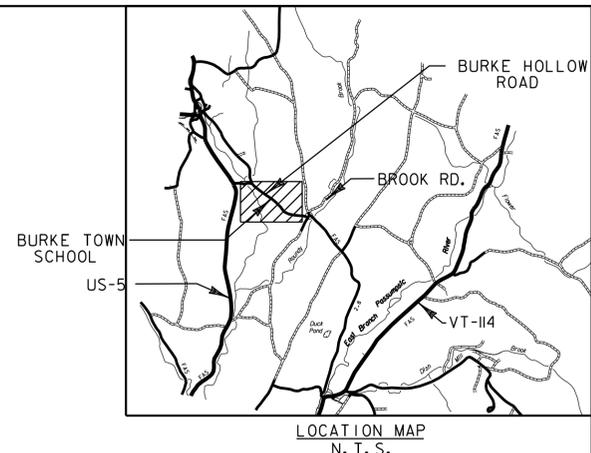
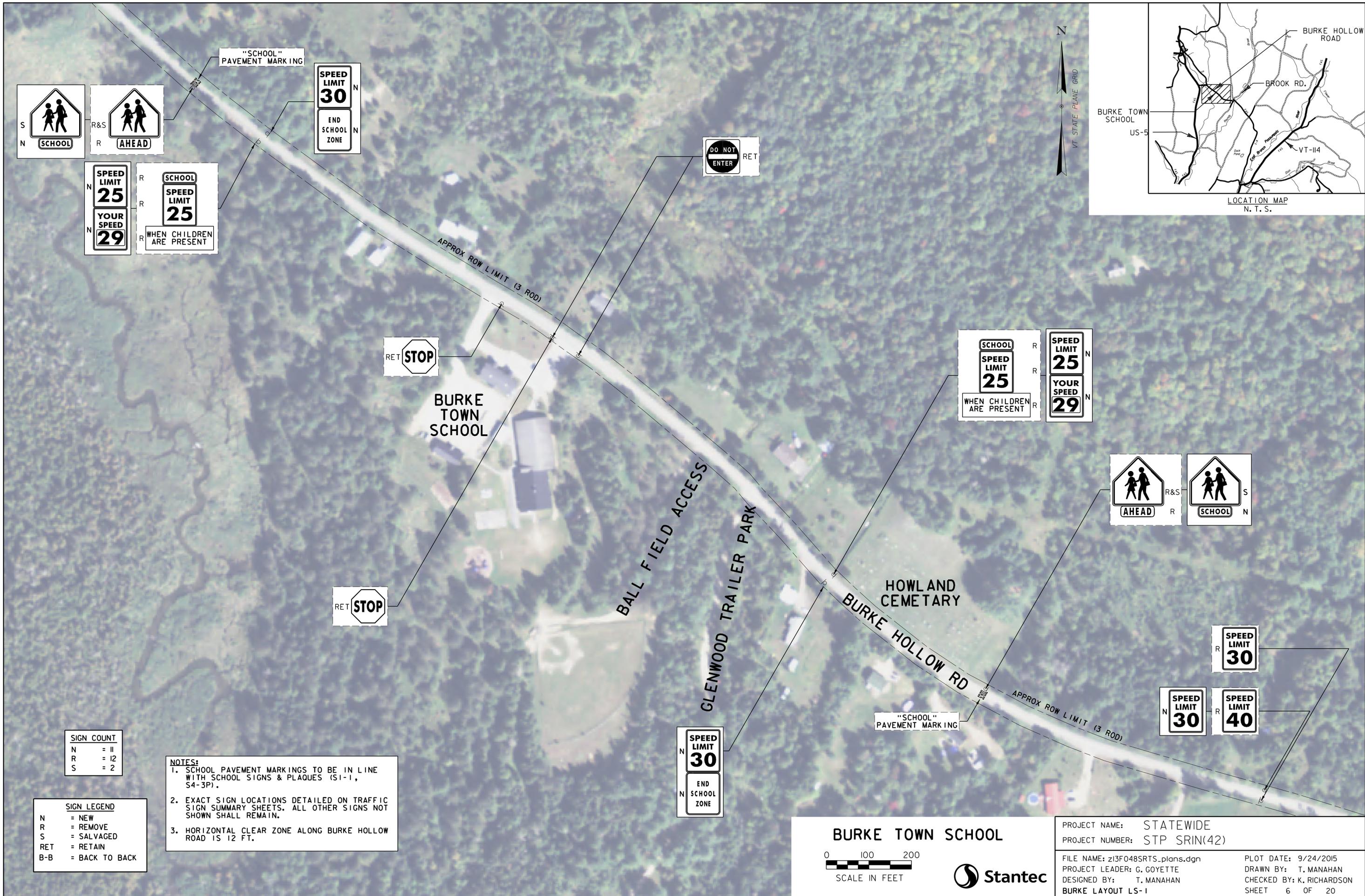
SUMMARY OF ESTIMATED QUANTITIES											TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
										Roadway	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
										5	5		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-			675.50 REMOVING SIGNS
										45	45		CY	COMMON EXCAVATION	203.15	5	68 EA		AS SHOWN ON LAYOUTS
										5	5		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	2 EA		ESTIMATED SPEED LIMIT SIGNS ON SCHOOL ST.
										35	35		CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26	4			(SEE NOTE 2, SHEET 9)
										1	1		CWT	EMULSIFIED ASPHALT	404.65	-			TOTAL
										1	1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
										63	63		LF	VERTICAL GRANITE CURB	616.21	6			
										84	84		LF	REMOVING AND RESETTING CURB	616.40	8			
										32	32		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	3			
										40	40		SF	DETECTABLE WARNING SURFACE	618.30	-			
										40	40		HR	UNIFORMED TRAFFIC OFFICERS	630.10	-			
										200	200		HR	FLAGGERS	630.15	-			
										1	1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
										1	1		LS	TRAFFIC CONTROL	641.10	-			
										30	30		LF	4 INCH WHITE LINE	646.20	-			
										80	80		EACH	DURABLE LETTER OR SYMBOL	646.490	-			
														BEGIN OPTION AA					
										170	170		LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	-			
										170	170		LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	-			
														END OPTION AA					
										100	100		SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	EST.			
										265	265		SF	TRAFFIC SIGNS, TYPE A	675.20	-			
										720	720		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
										68	68		EACH	REMOVING SIGNS	675.50	2			
										10	10		EACH	ERECTING SALVAGED SIGNS	675.60	-			
										9	9		EACH	SPECIAL PROVISION (RADAR SPEED FEEDBACK SIGN ASSEMBLY, SOLAR-POWERED)	900.620	-			
										2	2		EACH	SPECIAL PROVISION (SCHOOL ZONE FLASHING BEACON, SOLAR-POWERED)	900.620	-			
										59	59		SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	-			

PROJECT NAME: STATEWIDE  
PROJECT NUMBER: STP SRIN(42)

FILE NAME: z13f048frm.dgn  
PROJECT LEADER: G. GOYETTE  
DESIGNED BY: T. MANAHAN  
QUANTITY SHEET QTY-1

PLOT DATE: 9/24/2015  
DRAWN BY: T. MANAHAN  
CHECKED BY: K. RICHARDSON  
SHEET 5 OF 20



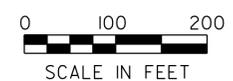


SIGN COUNT	
N	= 11
R	= 12
S	= 2

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

- NOTES:**
1. SCHOOL PAVEMENT MARKINGS TO BE IN LINE WITH SCHOOL SIGNS & PLAQUES (S1-1, S4-3P).
  2. EXACT SIGN LOCATIONS DETAILED ON TRAFFIC SIGN SUMMARY SHEETS. ALL OTHER SIGNS NOT SHOWN SHALL REMAIN.
  3. HORIZONTAL CLEAR ZONE ALONG BURKE HOLLOW ROAD IS 12 FT.

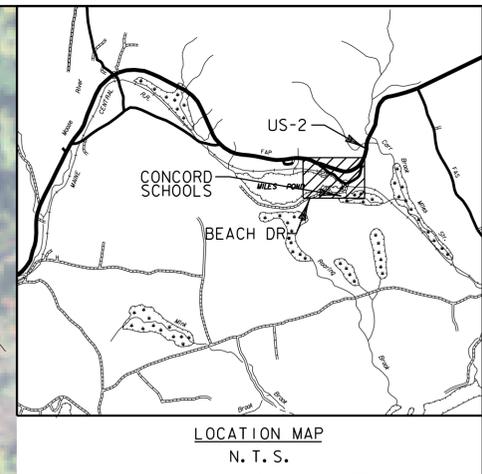
**BURKE TOWN SCHOOL**



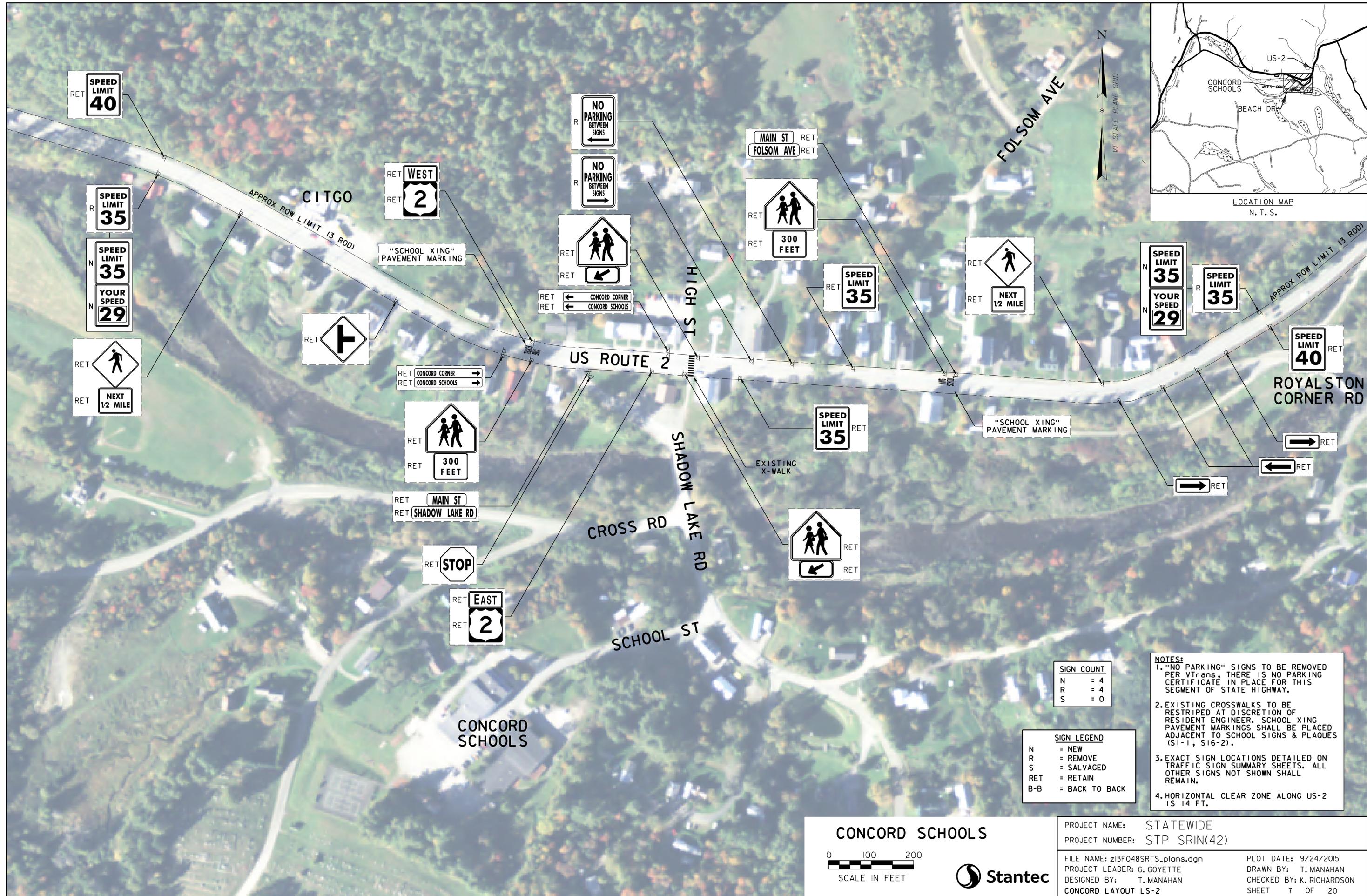
PROJECT NAME: STATEWIDE  
PROJECT NUMBER: STP SRIN(42)

FILE NAME: z13f048SRTS_plans.dgn  
PROJECT LEADER: G. GOYETTE  
DESIGNED BY: T. MANAHAN  
BURKE LAYOUT LS-1

PLOT DATE: 9/24/2015  
DRAWN BY: T. MANAHAN  
CHECKED BY: K. RICHARDSON  
SHEET 6 OF 20



LOCATION MAP  
N. T. S.

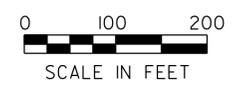


SIGN COUNT	
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R	= 4
S	= 0

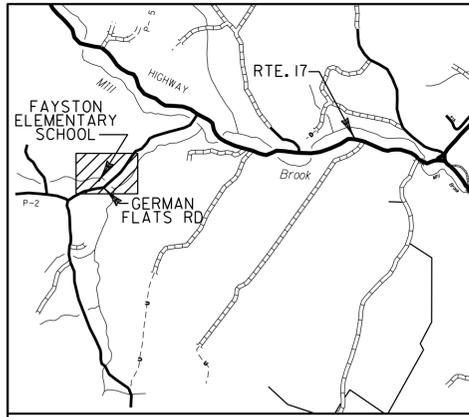
SIGN LEGEND	
N	= NEW
R	= REMOVE
S	= SALVAGED
RET	= RETAIN
B-B	= BACK TO BACK

- NOTES:**
- "NO PARKING" SIGNS TO BE REMOVED PER VTTRANS, THERE IS NO PARKING CERTIFICATE IN PLACE FOR THIS SEGMENT OF STATE HIGHWAY.
  - EXISTING CROSSWALKS TO BE RESTRIPE AT DISCRETION OF RESIDENT ENGINEER. SCHOOL XING PAVEMENT MARKINGS SHALL BE PLACED ADJACENT TO SCHOOL SIGNS & PLAQUES (S1-1, S16-2).
  - EXACT SIGN LOCATIONS DETAILED ON TRAFFIC SIGN SUMMARY SHEETS. ALL OTHER SIGNS NOT SHOWN SHALL REMAIN.
  - HORIZONTAL CLEAR ZONE ALONG US-2 IS 14 FT.

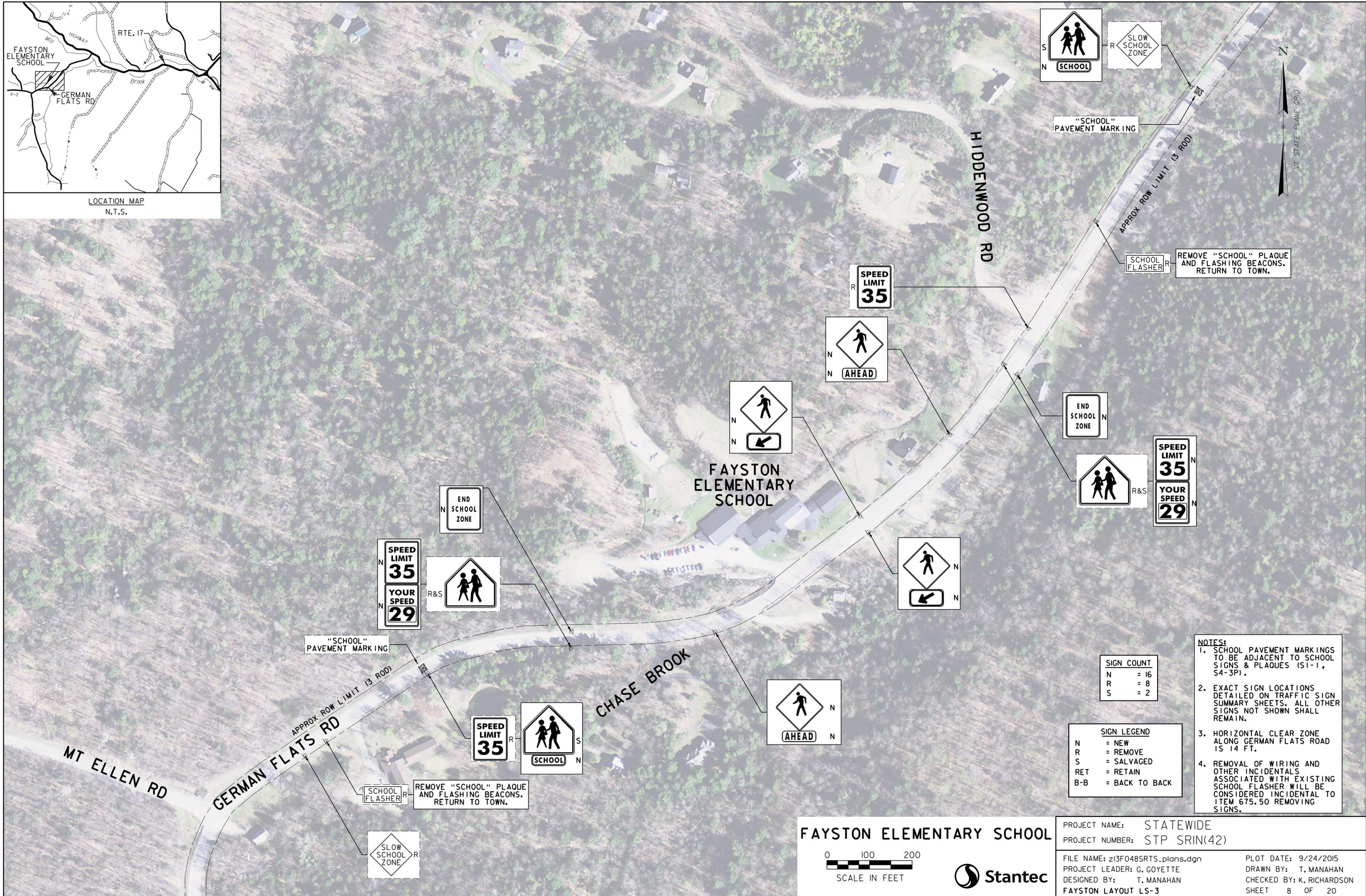
**CONCORD SCHOOLS**



PROJECT NAME:	STATEWIDE
PROJECT NUMBER:	STP SRIN(42)
FILE NAME:	z13f048SRTS_plans.dgn
PROJECT LEADER:	G. GOYETTE
DESIGNED BY:	T. MANAHAN
CONCORD LAYOUT:	LS-2
PLOT DATE:	9/24/2015
DRAWN BY:	T. MANAHAN
CHECKED BY:	K. RICHARDSON
SHEET:	7 OF 20



LOCATION MAP  
N.T.S.



- NOTES:**
- SCHOOL PAVEMENT MARKINGS TO BE ADJACENT TO SCHOOL SIGNS & PLAQUES (SI-1, S4-3P).
  - EXACT SIGN LOCATIONS DETAILED ON TRAFFIC SIGN SUMMARY SHEETS. ALL OTHER SIGNS NOT SHOWN SHALL REMAIN.
  - HORIZONTAL CLEAR ZONE ALONG GERMAN FLATS ROAD IS 14 FT.
  - REMOVAL OF WIRING AND OTHER INCIDENTALS ASSOCIATED WITH EXISTING SCHOOL FLASHER WILL BE CONSIDERED INCIDENTAL TO ITEM 675.50 REMOVING SIGNS.

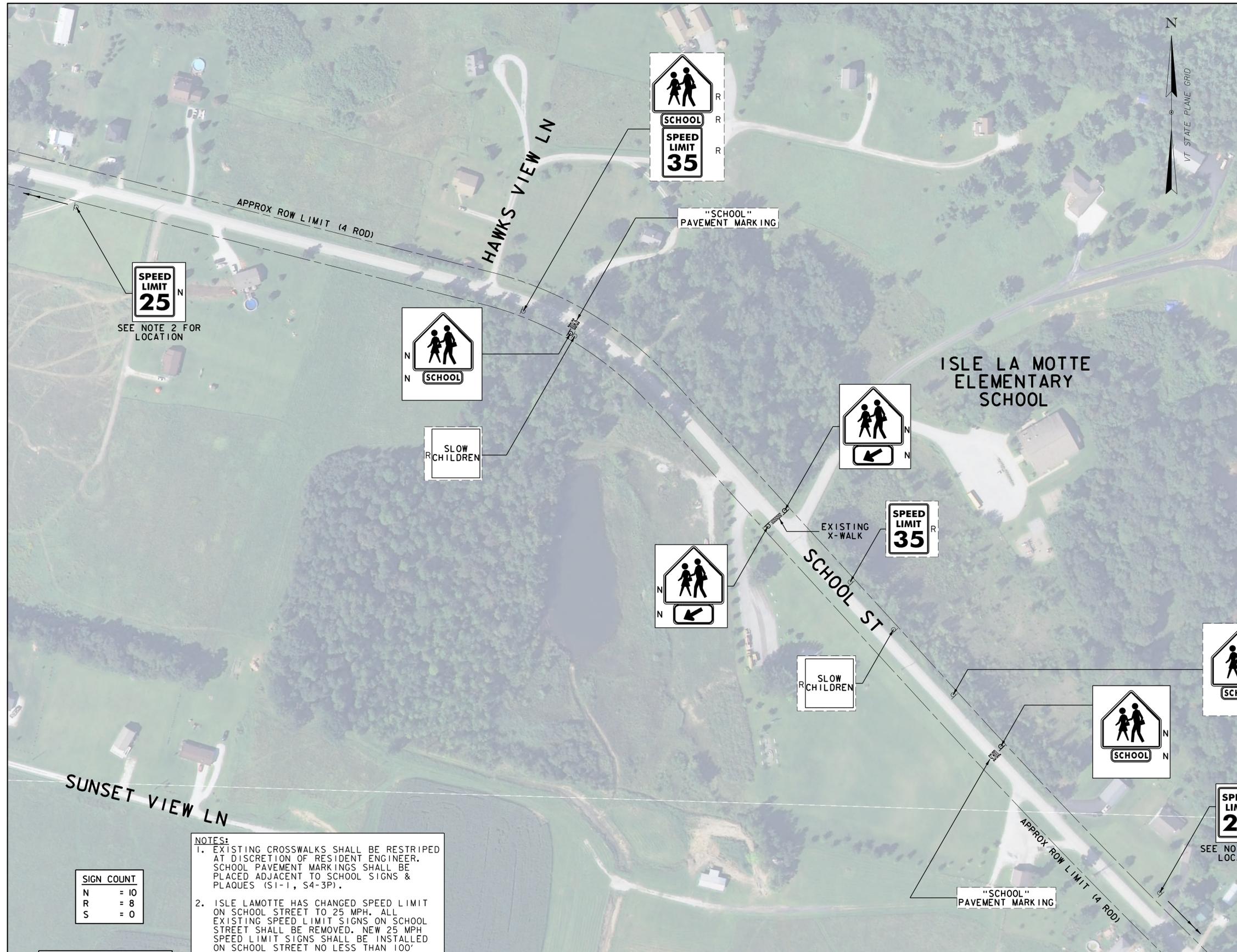
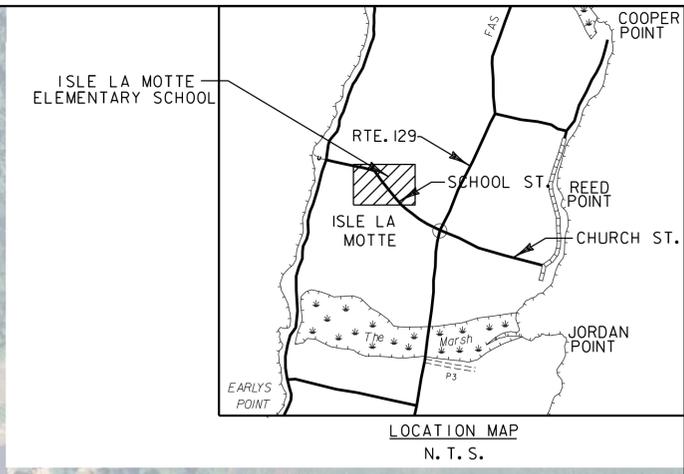
SIGN COUNT	
N	= 16
R	= 8
S	= 2

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

**FAYSTON ELEMENTARY SCHOOL**



PROJECT NAME:	STATEWIDE	PLOT DATE:	9/24/2015
PROJECT NUMBER:	STP SRIN(42)	DRAWN BY:	T. MANAHAN
FILE NAME:	z13f048SRIS_plans.dgn	CHECKED BY:	K. RICHARDSON
PROJECT LEADER:	G. GOYETTE	SHEET	8 OF 20
DESIGNED BY:	T. MANAHAN		
FAYSTON LAYOUT LS-3			



- NOTES:**
- EXISTING CROSSWALKS SHALL BE RESTRIPTED AT DISCRETION OF RESIDENT ENGINEER. SCHOOL PAVEMENT MARKINGS SHALL BE PLACED ADJACENT TO SCHOOL SIGNS & PLAQUES (S1-1, S4-3P).
  - ISLE LAMOTTE HAS CHANGED SPEED LIMIT ON SCHOOL STREET TO 25 MPH. ALL EXISTING SPEED LIMIT SIGNS ON SCHOOL STREET SHALL BE REMOVED. NEW 25 MPH SPEED LIMIT SIGNS SHALL BE INSTALLED ON SCHOOL STREET NO LESS THAN 100' FROM THE INTERSECTIONS WITH WEST SHORE ROAD AND MAIN STREET. EXACT LOCATION TO BE DETERMINED BY ENGINEER AND MUNICIPAL REPRESENTATIVE.
  - EXACT SIGN LOCATIONS DETAILED ON TRAFFIC SIGN SUMMARY SHEETS. ALL OTHER SIGNS NOT SHOWN SHALL REMAIN.
  - HORIZONTAL CLEAR ZONE ALONG SCHOOL STREET IS 12 FT.

SIGN COUNT	
N	= 10
R	= 8
S	= 0

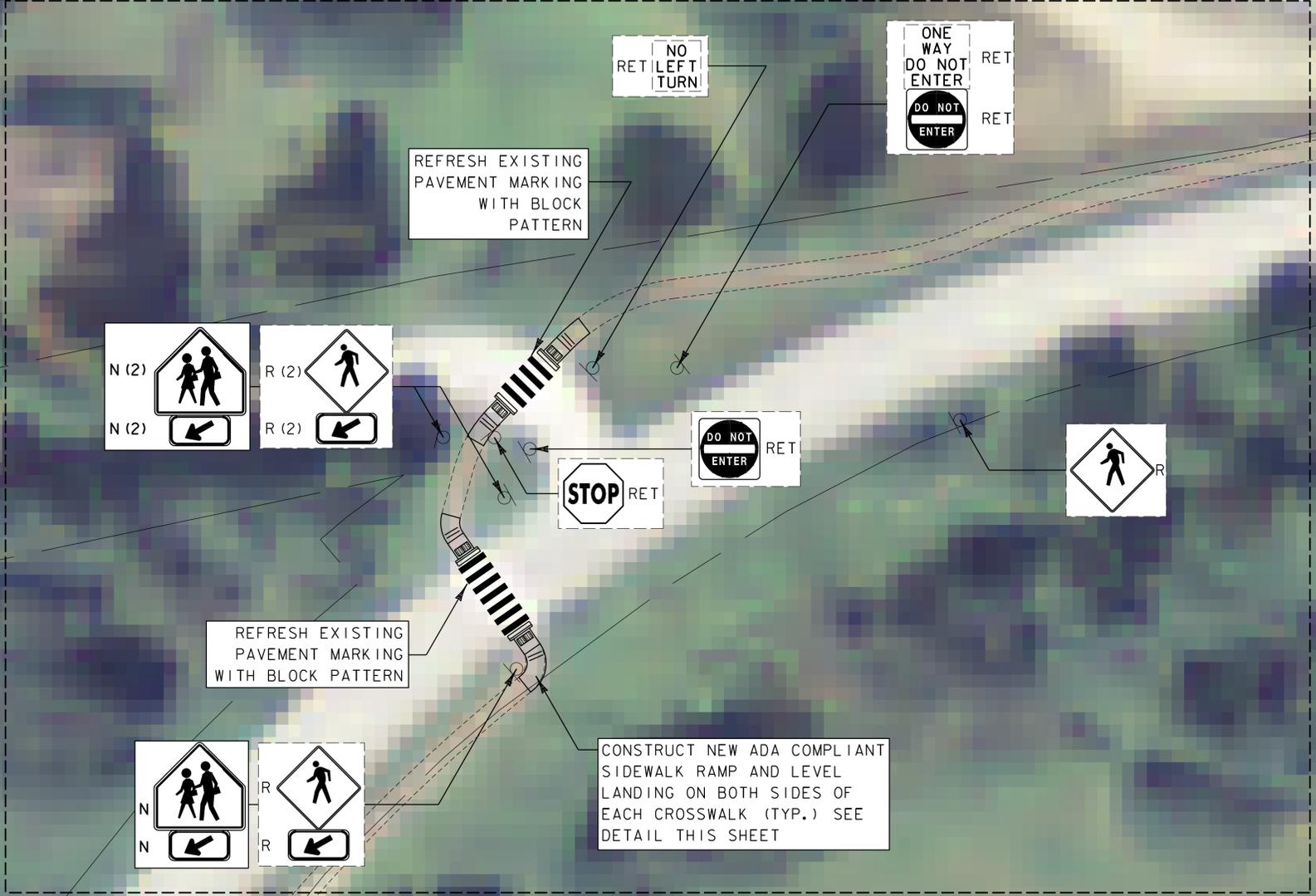
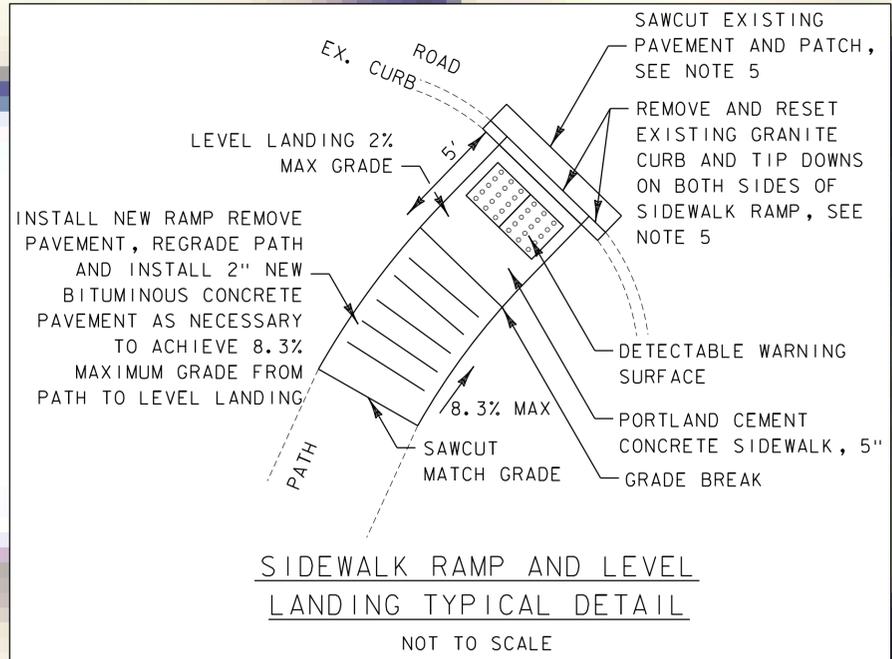
SIGN LEGEND	
N	= NEW
R	= REMOVE
S	= SALVAGED
RET	= RETAIN
B-B	= BACK TO BACK



**ISLE LA MOTTE  
ELEMENTARY SCHOOL**

PROJECT NAME:	STATEWIDE	FILE NAME:	z13f048SRTS_plans.dgn	PLOT DATE:	9/24/2015
PROJECT NUMBER:	STP SRIN(42)	PROJECT LEADER:	G. GOYETTE	DRAWN BY:	T. MANAHAN
		DESIGNED BY:	T. MANAHAN	CHECKED BY:	K. RICHARDSON
		ISLE LAMOTTE LAYOUT LS-4		SHEET	9 OF 20





**SIGN LEGEND**

N = NEW  
 R = REMOVE  
 S = SALVAGED  
 RET = RETAIN  
 B-B = BACK TO BACK

**SIGN COUNT**

N = 6  
 R = 7  
 S = 0

- NOTES:**
1. SEE VTRANS STANDARD DRAWINGS C3-A AND C3-B FOR CURB RAMP AND DWS DETAILS.
  2. DUST CONTROL FOR CONSTRUCTION OF SIDEWALK RAMPS PER RESIDENT ENGINEER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
  3. RIGHT-OF-WAY THROUGH DICKENSON ST AND RIVER RD IS 49.5 FT ACROSS, OR 5 FT FROM THE OUTSIDE EDGE OF THE PATH.
  4. INSTALLATION OF NEW RAMP INCLUDING PAVEMENT REMOVAL, REGRADING, FINE-GRADING AND NEW BITUMINOUS CONCRETE PAVEMENT WILL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). PAVEMENT MAY BE INSTALLED USING METHODS OTHER THAN HAND PLACEMENT IF APPROVED BY THE ENGINEER AND AT NO ADDITIONAL COST TO THE STATE.
  5. SEE PAVEMENT PATCH DETAIL ON WRD-1, SHEET 13 FOR CURB AND PAVEMENT PATCH DETAILS.

**BROWNS RIVER  
 MIDDLE SCHOOL**

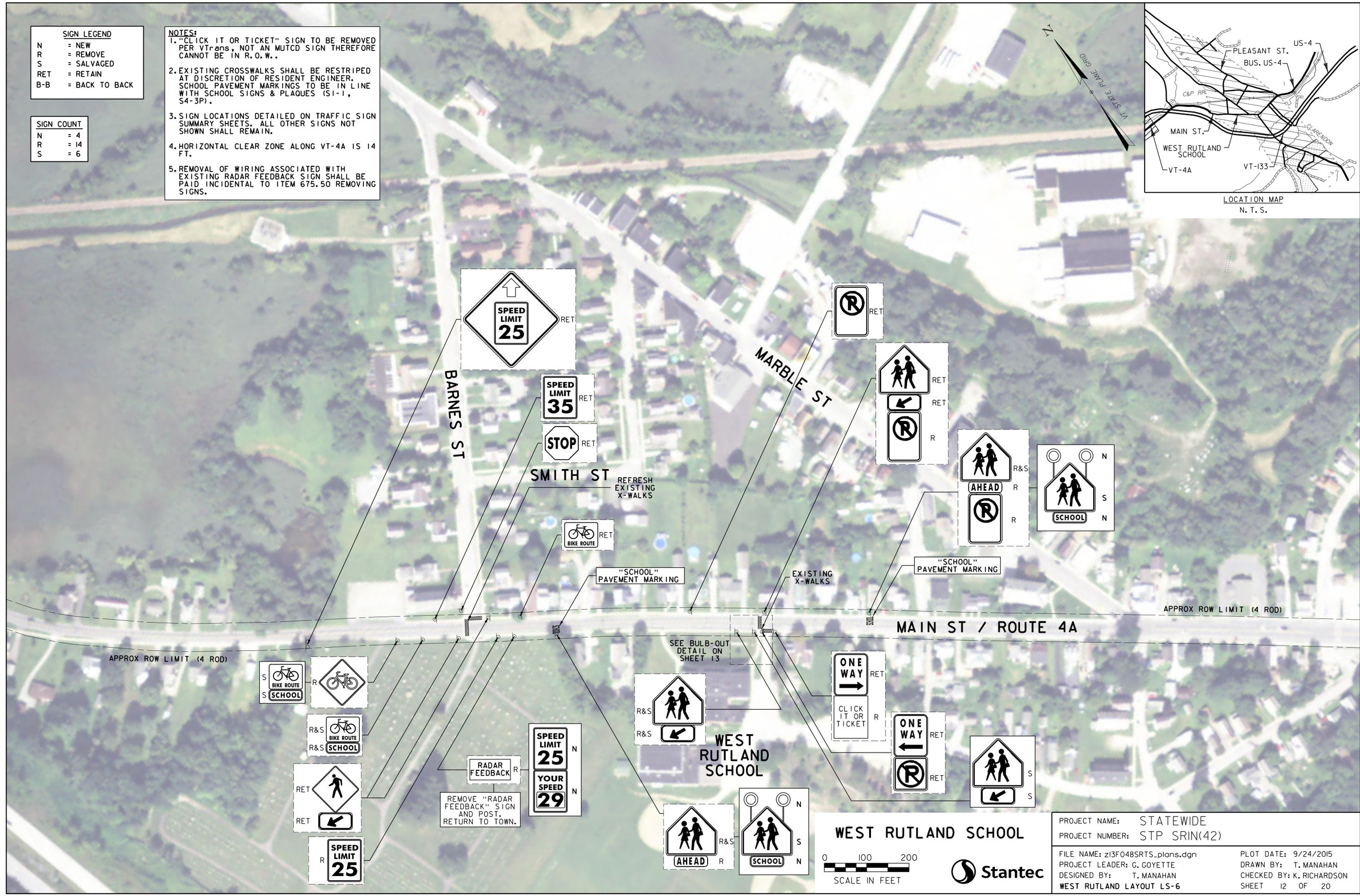
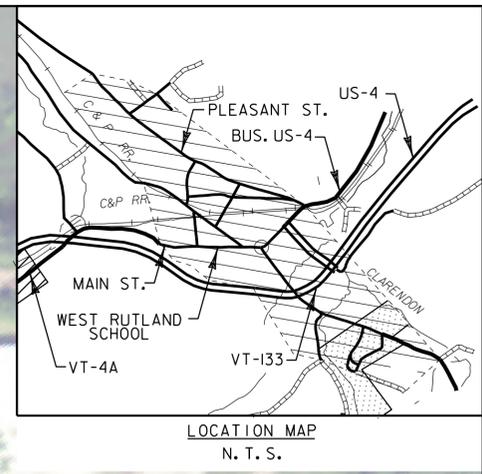
0 20 40  
 SCALE IN FEET

PROJECT NAME:	STATEWIDE	PLOT DATE:	9/24/2015
PROJECT NUMBER:	STP SRIN(42)	DRAWN BY:	T. MANAHAN
FILE NAME:	z13f048_def.dgn	CHECKED BY:	K. RICHARDSON
PROJECT LEADER:	G. GOYETTE	SHEET	II OF 20
DESIGNED BY:	T. MANAHAN		
JERICHO INSET A JI-1			

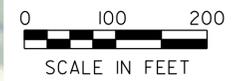
SIGN LEGEND	
N	= NEW
R	= REMOVE
S	= SALVAGED
RET	= RETAIN
B-B	= BACK TO BACK

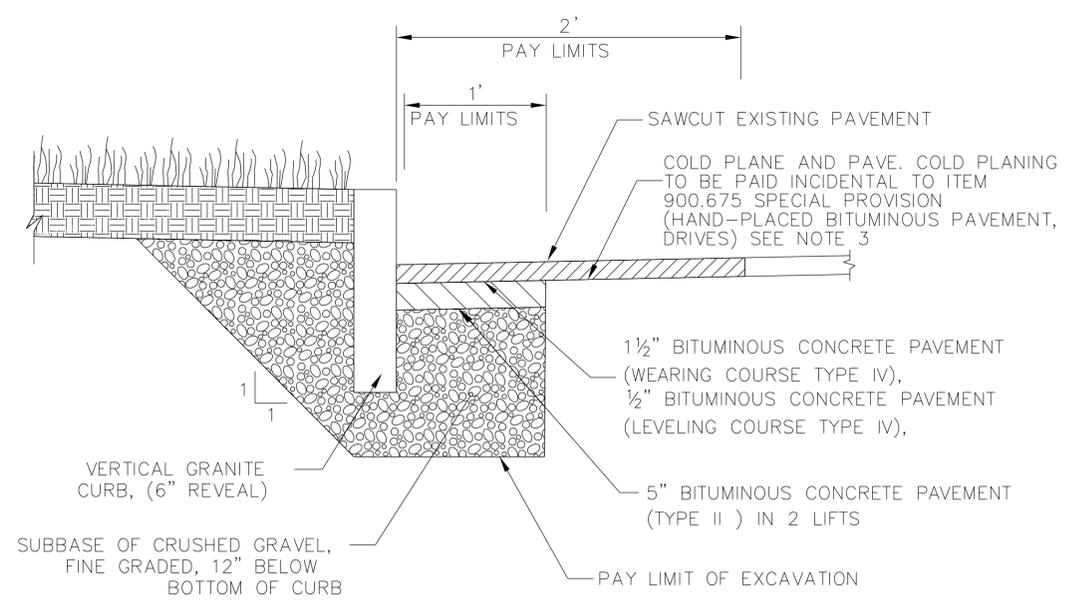
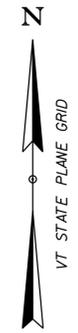
SIGN COUNT	
N	= 4
R	= 14
S	= 6

- NOTES:**
- "CLICK IT OR TICKET" SIGN TO BE REMOVED PER VTtrans, NOT AN MUTCD SIGN THEREFORE CANNOT BE IN R.O.W..
  - EXISTING CROSSWALKS SHALL BE RESTRIPED AT DISCRETION OF RESIDENT ENGINEER. SCHOOL PAVEMENT MARKINGS TO BE IN LINE WITH SCHOOL SIGNS & PLAQUES (S1-1, S4-3P).
  - SIGN LOCATIONS DETAILED ON TRAFFIC SIGN SUMMARY SHEETS. ALL OTHER SIGNS NOT SHOWN SHALL REMAIN.
  - HORIZONTAL CLEAR ZONE ALONG VT-4A IS 14 FT.
  - REMOVAL OF WIRING ASSOCIATED WITH EXISTING RADAR FEEDBACK SIGN SHALL BE PAID INCIDENTAL TO ITEM 675.50 REMOVING SIGNS.



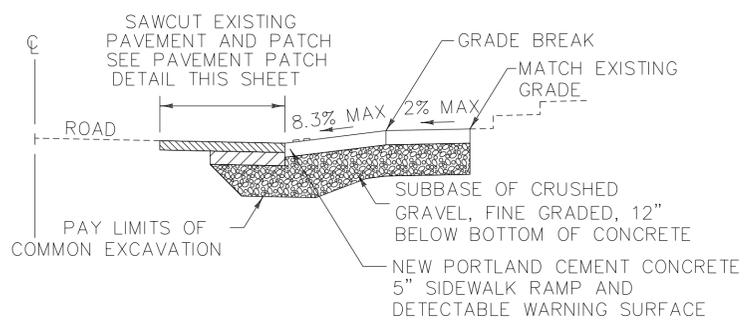
PROJECT NAME:	STATEWIDE	PLOT DATE:	9/24/2015
PROJECT NUMBER:	STP SRIN(42)	DRAWN BY:	T. MANAHAN
FILE NAME:	z13f048SRTS_plans.dgn	DESIGNED BY:	T. MANAHAN
PROJECT LEADER:	G. GOYETTE	CHECKED BY:	K. RICHARDSON
WEST RUTLAND LAYOUT LS-6		SHEET	12 OF 20





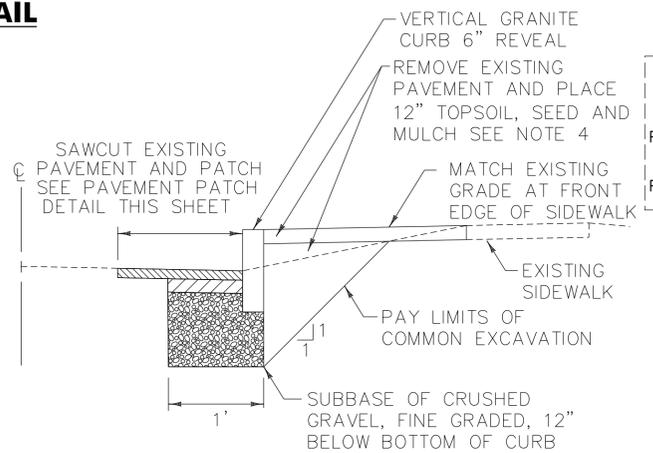
**PAVEMENT PATCH DETAIL**

NOT TO SCALE



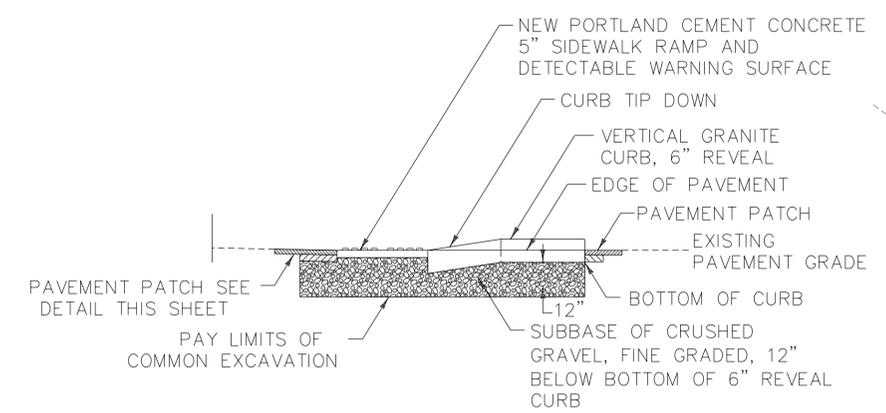
**SECTION A-A**

NOT TO SCALE



**SECTION B-B**

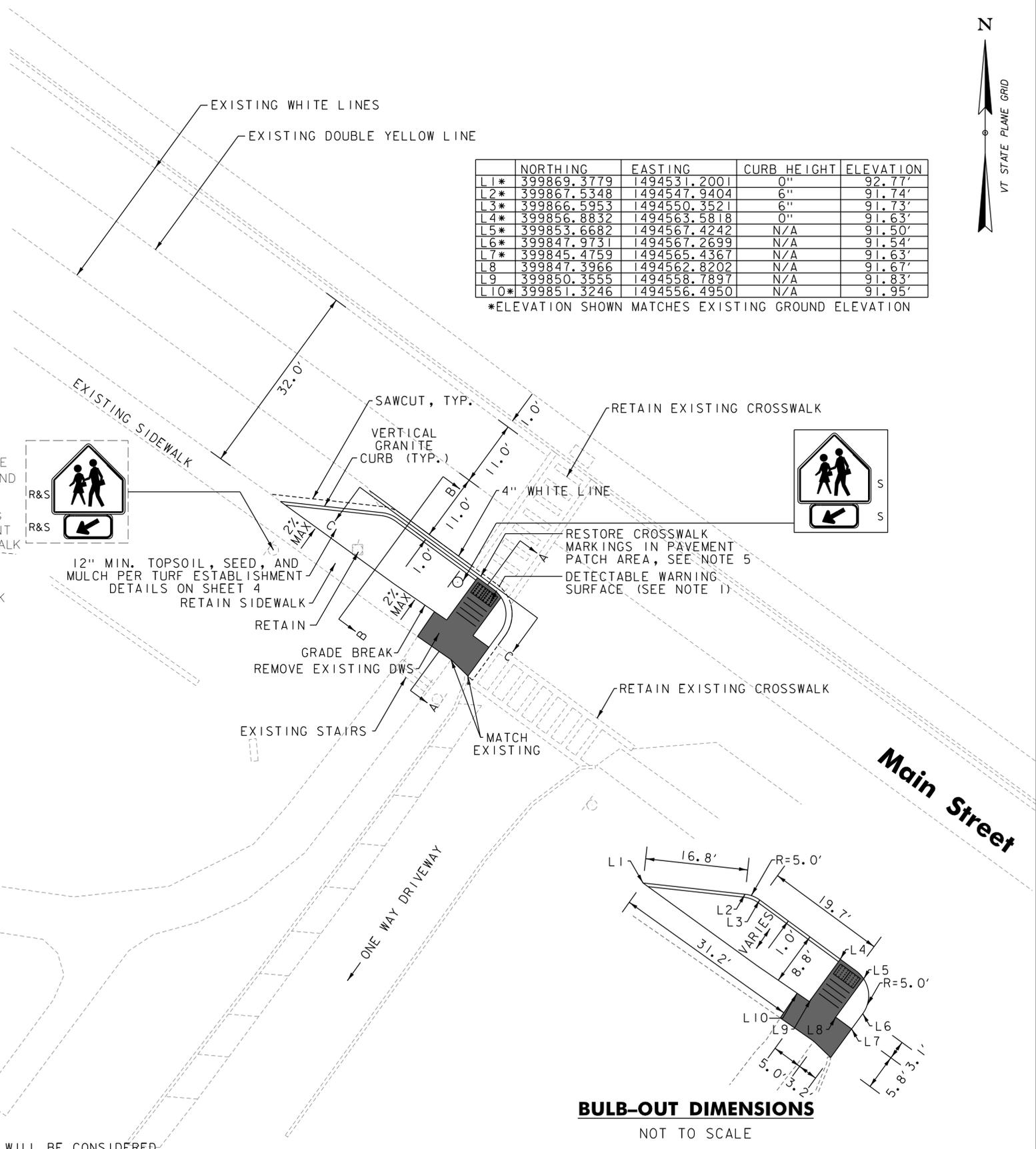
NOT TO SCALE



**SECTION C-C**

NOT TO SCALE

- NOTES:**
1. SEE STANDARD DRAWINGS C3-A AND C3-B FOR CURB RAMP AND DETECTABLE WARNING SURFACE DETAILS.
  2. DUST CONTROL FOR BULB-OUT CONSTRUCTION AS REQUIRED BY RESIDENT ENGINEER WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO CONTRACT.
  3. COLD PLANING AND PAVING WILL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
  4. REMOVAL OF EXISTING PAVEMENT AND BASE MATERIAL REQUIRED TO CONSTRUCT BULB-OUT WILL BE PAID FOR UNDER 203.15 COMMON EXCAVATION.
  5. RESTORATION OF EXISTING PAVEMENT MARKINGS WILL BE CONSIDERED INCIDENTAL TO ALL OTHER CONTRACT ITEMS.



	NORTHING	EASTING	CURB HEIGHT	ELEVATION
L1*	399869.3779	1494531.2001	0"	92.77'
L2*	399867.5348	1494547.9404	6"	91.74'
L3*	399866.5953	1494550.3521	6"	91.73'
L4*	399856.8832	1494563.5818	0"	91.63'
L5*	399853.6682	1494567.4242	N/A	91.50'
L6*	399847.9731	1494567.2699	N/A	91.54'
L7*	399845.4759	1494565.4367	N/A	91.63'
L8	399847.3966	1494562.8202	N/A	91.67'
L9	399850.3555	1494558.7897	N/A	91.83'
L10*	399851.3246	1494556.4950	N/A	91.95'

*ELEVATION SHOWN MATCHES EXISTING GROUND ELEVATION

**BULB-OUT DIMENSIONS**

NOT TO SCALE

WEST RUTLAND SCHOOL



PROJECT NAME:	STATEWIDE	PLOT DATE:	9/24/2015
PROJECT NUMBER:	STP SRIN(42)	DRAWN BY:	T. MANAHAN
FILE NAME:	z13f048.det.dgn	CHECKED BY:	K. RICHARDSON
PROJECT LEADER:	G. GOYETTE	SHEET	13 OF 20
DESIGNED BY:	T. MANAHAN		
WEST RUTLAND BULB-OUT DETAIL WRD-1			













