VERMONT

State of Vermont
Policy, Planning & Intermodal Development Division
Policy, Planning and Research Bureau
Development Review & Permitting Services Section
Barre City Place, 219 North Main Street
Barre, VT 05641
vtrans.vermont.gov

[phone] 802-636-0037
[ttd] 800-253-0191

Agency of Transportation

September 10, 2019

City of Burlington
Norman Baldwin
645 Pine Street
Burlington, VT 05401

Subject: South Burlington, I-189, L.S. 0+00 ~ 78+59 LT & RT

Dear Mr. Baldwin:

Your application for a permit to work within the State Highway right-of-way to construct interchange to include traffic control, signage, drainage, grading and associated work for a new urban highway, at the location indicated, has been processed by this office and is enclosed.

At the pre-construction meeting the District Transportation Administrator shall have the Contractor sign the permit application as co-applicant.

Please contact the District Transportation Office #5 prior to starting work in the state highway right-of-way. The telephone number in Colchester is (802) 655-1580.

Sincerely,

James C. Clancy

James Clancy
Permit Coordinator
Permitting Services

Enclosures

cc: District Transportation Office #5
City of South Burlington
Wayne Davis, VTrans
Denise Gumpper, VTrans Legal

PERMIT ID# 42987

FOR AGENCY USE ONLY
Town: City of South Burlington & City of Burlington
Route: I-189
Mile Marker: 0.00 ~ 1.49 LT/RT
Log Station: 0+00 ~ 78+59 LTRT

VERMONT AGENCY OF TRANSPORTATION

State Highway Access and Work Permit

Applicant to Complete

Owner's/Applicant's Name, Address, E-mail & Phone No. City of Burlington/Norman Baldwin, P.E.
645 Pine St, Burlington VT; nbaldwin@burlingtonvt.gov; (802) 865-5830
Co-Applicant's Name, Address, E-mail & Phone No. (if different from above) _____

The location of work (town, highway route, distance to nearest mile marker or intersection & which side)
I-189 & U.S. Route 7 interchange

Description of work to be performed in the highway right-of-way (attach plan)
Construction of the Champlain Parkway in vicinity of I-189 at the U.S. Route 7 interchange. Temporary work zone traffic control signing to be installed on I-189. Work also includes installation of new permanent overhead signing and striping on I-189.

Property Deed Reference Book:_____ Page:_____ (only required for Permit Application for access)
Fee $_____ (fees do not apply for residential or agricultural purposes)
Is a Zoning Permit required? Yes ☐ No ☑ - If Yes, #_____
Is a 30 VSA § 248 permit required? Yes ☐ No ☑ - If Yes, #_____
Is an Act 250 permit required? Yes ☑ No ☐ - If Yes, #4C0438-17 - issued 8/25/2014
Other permit(s) required? Yes ☑ No ☐ - If Yes, name and # of each See Attached List
Date applicant expects work to begin Fall 20 19
Owner/Applicant: Norman Baldwin, P.E. Position Title: City Engineer
(Print name above)
Sign in Shaded area: [signature] Date: 3/19/19
Co-Applicant: _____ Position Title: _____
(Print name above)
Sign in Shaded area: _____ Date: _____

INSTRUCTIONS: -Contact the Development Review and Permitting Services Section (802.636.0037) or your local area Transportation Maintenance District Office to determine your issuing authority. The issuing authority will determine what plans, fee and other documents are required to be submitted with your Vermont Statutes Annotated, Title 19, Section 1111, permit application request.
- Original signatures are required on an original Form. The Owner/Applicant and Co-Applicant (if applicable) declares under the pains and penalty of perjury that all information provided on this form and submitted attachments are to the best of their knowledge true and complete.

FEE: -See **Fee Schedule** for applicable administrative processing and application review fee.

PERMIT APPROVAL

Permission is granted to work within the state highway right-of-way to construct interchange to include traffic control, signage, drainage, grading and associated work for a new urban highway in accordance with the Champlain Parkway Plans, the Agency special conditions, and the Agency standards.

The work is subject to the restrictions and conditions on the reverse page, plus the Special Conditions stated on the attached page(s).

Date work is to be completed 12/1/2024 Date work accepted: _____

By [signature] Issued Date 9/10/2019 By: _____
Authorized Representative for Secretary of Transportation DTA or Designee

NOTICE: **This permit covers only the Vermont Agency of Transportation's jurisdiction over this highway under Vermont Statutes Annotated, Title 19, Section 1111.** It does not release the petitioner from the requirements of any other statutes, ordinances, rules or regulations. This permit addresses only access to, work within, and drainage affecting the state highway. It does not address other possible transportation issues, such as access to town highways, use of private roads, and use of railroad crossings. If relevant to the proposed development, such issues must be addressed separately.

No work shall be done under this permit until the owner/applicant has contacted the VTrans Project Manager at:

Wayne Davis, MAB, VTrans (802) 498 -5657

RESTRICTIONS AND CONDITIONS

DEFINITIONS:

"Agency" means the Vermont Agency of Transportation (a/k/a VTrans).

"Engineer" means the authorized agent of the Secretary of Transportation.

"Owner/Applicant" means the party(s) to whom the permit is to be issued.

"Co-Applicant" means the party who performs the work, if other than Owner/Applicant or a secondary Owner/Applicant under a joint permit application.

"Permit Holder" means the party who currently owns the lands abutting the highway that are the subject of the permit.

GENERAL:

By accepting this permit, or doing any work hereunder, the Owner/Applicant agrees to comply with all of the restrictions and conditions and any imposed special conditions. If the Owner/Applicant is aggrieved by the restrictions and conditions or special conditions of the permit, they shall submit a written request for consideration to the Engineer within 30-days of permit issuance and prior to starting any work. No work will be authorized by the Agency, or performed under the permit, until the dispute is fully resolved.

Vermont Statutes Annotated, Title 30, Chapter 86 ("Dig Safe") requires notice to Dig Safe before starting excavation activities. The Permit Holder or his/her contractor must telephone Dig Safe at 811 at least 48 hours (excluding Saturdays, Sundays and legal holidays) before, but not more than 30 days before, starting excavation activities at any location. In addition, please note that the Agency and many municipalities <u>are not</u> members of Dig Safe and will need to have their utility facilities investigated with due diligence prior to starting excavation activities in or on the State Highway right-of-way.

The Permit Holder is to have a supervisory representative present any time work is being done in or on the State Highway right-of-way. A copy of this permit and Special Conditions must be in the possession of the individual performing this work for the Permit Holder.

Except with the specific, written permission of the District Transportation Administrator, all work in the State Highway right-of-way shall be performed during normal daylight hours and shall cease on Sunday, on all holidays (which shall include the day before and the day following), during or after severe storms, and between December 1 and April 15. These limitations will not apply for the purposes of maintenance, emergency repairs, or proper protections of the work which includes, but not limited to, the curing of concrete and the repairing and servicing of equipment.

The Owner/Applicant shall be responsible for all damages to persons or property resulting from any work done under this permit, even if the Applicant's Contractor performs the work. All references to the Owner/Applicant also pertain to the Co-Applicant.

The Owner/Applicant must comply with all federal and state statutes or regulations and all local ordinances controlling occupancy of public highways. In the event of a conflict, the more restrictive provision shall apply.

The Owner/Applicant must, in every case where there is a possibility of injury to persons or property from blasting, use a pre-approved Blasting Plan. All existing utility facilities shall be protected from damage or injury.

The Owner/Applicant shall erect and maintain barriers needed to protect the traveling public. The barriers shall be properly lighted at night and must be MUTCD (Manual on Uniform Traffic Control Devices) compliant.

All temporary and permanent traffic control measures and devices shall be MUTCD compliant.

The Owner/Applicant shall not do any work or place any structures or obstacles within the State Highway right-of-way, except as authorized by this permit.

The Owner/Applicant may pay the entire cost of the salary, subsistence and traveling expenses of any inspector appointed by the Engineer to supervise such work.

The Engineer may modify or revoke the permit at any time for safety-related reasons, without rendering the Agency or the State of Vermont liable in any way.

In addition to any other enforcement powers that may be provided for by the law, the Engineer may suspend this permit until compliance is obtained. If there is continued use or activity after suspension, the Engineer may physically close the work area and take corrective action to protect the safety of the highway users.

The Permit Holder shall be responsible to rebuild, repair, restore and make good all injuries or damage to any portion of the highway right-of-way that has been brought about by the execution of the permitted work, for a minimum period of eighteen (18) months after final inspection by the District.

Any approved variance from the permitted plans is to be recorded on "as-builts" with copies provided to both the Chief of Permitting Services and the District Transportation Administrator.

ACCESS:

This permit (if for access) does not become effective until the owner/applicant records in the office of the appropriate municipal clerk, the attached "Notice of Permit Action"

As development occurs on land abutting the highways, the Agency may revoke a permit for access and require the construction of other access improvements such as the combination of access points by adjoining owners.

Under Vermont Statutes Annotated, Title 19, Section 1111, no deed purporting to subdivide land abutting a state highway can be recorded unless all the abutting lots so created are in accordance with the standards of Section 1111.

The Permit Holder acknowledges and agrees that neither this permit nor any prior pattern of use creates an ownership interest or other form of right in a particular configuration or number of accesses to or through the highway right-of-way, and that the right of access consists merely of a right to reasonable access the general system of streets, and is not a right to the most convenient access or any specific configuration of access.

DRAINAGE:

The Owner/Applicant shall install catch basins and outlets as may be necessary, in the opinion of the Engineer, to preclude interference with the drainage of the state highway. Direct connections shall <u>not</u> be allowed without written approval.

UTILITY WORK; CUTTING AND TRIMMING TREES:

The Owner/Applicant shall obtain the written consent of the adjoining owners or occupants or, in the alternative, an order from the State Transportation Board in accordance with, Vermont Statutes Annotated, Title 30, Section 2506, regarding cutting of or injury to trees.

In general, all utilities shall be located adjacent to the State Highway right-of-way boundary line and shall be installed without damaging the highway or the highway right-of-way. No pole, push-brace, guy wire or other aboveground facilities shall be placed closer than 10 feet to the edge of traveled-way. If the proposed utility facilities are in conflict with the above, each location is subject to the approval of the Engineer.

Poles and appurtenances shall be located out of conflict with intersection sight distance, guardrail, ditches, signs, culverts, etc.

Where the cutting or trimming of trees is authorized by permit, all debris resulting from such cutting and trimming shall be removed from the State Highway right-of-way.

Open cut excavation for highway crossings is NOT the option of the Applicant, and may be utilized only where attempted jacking, drilling, or tunneling methods fail or are impractical. The Owner/Applicant shall obtain an appropriate modification of the highway permit from the Engineer before making an open cut.

JOINT PERMITS:

A joint permit application is required when more than one party will be involved with the construction, maintenance, and/or operation of the facility being constructed under this permit. Examples include, but are not limited to, joint ownership or occupancy of a utility pole line and construction of a municipal utility line by a contractor. Both utility companies, and in the second case, the municipality and the contractor, must be joint applicants.

SPECIAL CONDITIONS

This permit is granted subject to the restrictions and conditions on the back of the permit, with particular attention given to the Special Conditions listed below. This permit pertains only to the authority exercised by the Vermont Agency of Transportation (Agency) under Vermont Statutes Annotated, Title 19, Section 1111, and does not relieve the Permit Holder from the requirements of otherwise applicable statutes, rules, regulations or ordinances (*e.g.,* Act 250, zoning, etc.). The Permit Holder shall observe and comply with all Federal and State laws and local bylaws, ordinances, and regulations in any manner affecting the conduct of the work and the action or operation of those engaged in the work, including all orders or decrees as exist at present and those which may be enacted later by bodies or tribunals having jurisdiction or authority over the work, and the Permit Holder shall defend, indemnify, and save harmless the State and all its officers, agents, and employees against any claim or liability arising from or based on the violation of any such law, bylaws, ordinances, regulations, order, or decree, whether by the Permit Holder in person, by an employee of the Permit Holder, by a person or entity hired by the Permit Holder, or by a Subcontractor or supplier.

The Permit Holder shall accomplish all work under this permit in accordance with the attached Pre-contract plans received via e-mail September 10, 2019, VTrans, and the attached Maintenance Plan.

A preconstruction meeting to discuss work to be completed must be held prior to the Permit Holder's employees or contractor beginning work. The preconstruction meeting will include Representatives for the City of Burlington, the Agency Project Manager for the Project Burlington MEGC 5000(1), the Construction Inspection Consultant, and the District 5 Transportation Administrator. The Permit Holder is required to notify the District Transportation Administrator five (5) working days in advance of such meeting.

Roadway shoulder areas must be maintained free of unnecessary obstructions, including parked vehicles, at all times while work is being performed under this permit.

Two-way traffic shall be maintained at all times unless permission is granted from the District Transportation Administrator. Whenever two-way, one-lane controlled traffic is authorized to be maintained by the Applicant's Contractor, **the traveling public shall not be delayed more than 10 minutes.**

Upon completion of the work, the Permit Holder shall be responsible to schedule and hold a final inspection. The Permit Holder is required to notify the District Transportation Administrator five (5) working days in advance of such inspection.

The Permit Holder shall verify the appropriate safety measures needed, prior to construction, so proper devices and/or personnel are available when and as needed. Traffic control devices, shall be in conformance with the MUTCD (Manual on Uniform Traffic Control Devices), Agency standards and any additional traffic control deemed necessary by the District Transportation Administrator. The Permit Holder's failure to utilize proper measures shall be considered sufficient grounds for the District Transportation Administrator to order cessation of the work immediately.

The Permit Holder will perform construction in such a way as to minimize conflicts with normal highway traffic. When two-way traffic cannot be maintained, the Permit Holder shall provide a sign package that conforms to the MUTCD (Manual on Uniform Traffic Control Devices) or Agency standards, as well as trained Flaggers. The District Transportation Administrator may require a similar sign package with trained Flaggers whenever it is deemed necessary for the protection of the traveling public. In addition, the District Transportation Administrator may require the presence of Uniform Traffic Officers (UTOs); moreover, the presence of UTOs shall not excuse the Permit Holder from its obligation to provide the sign package and Flaggers.

The Permit Holder shall ensure that all workers exposed to the risks of moving highway traffic and/or construction equipment wear high-visibility safety apparel meeting the requirements of ISEA (International Safety Equipment Association) "American National Standards for High-Visibility Safety Apparel," and labeled as ANSI (American National Standards Institute) 107-2004, or latest revisions, for Performance Class 2 or 3 requirements. A competent person - one designated by the Permit Holder's Contractor to be responsible for worker safety within the activity area of the State highway right-of-way -shall select the appropriate class of garment. The Engineer may suspend this permit until compliance is obtained.

Independence; Liability: The Permit Holder will act in an independent capacity and not as officers or employees of the State.

The Permit Holder shall defend the State and its officers and employees against all claims or suits arising in whole or in part from any act or omission of the Permit Holder or of any agent of the Permit Holder. The State shall notify the Permit Holder in the event of any such claim or suit, and the Permit Holder shall immediately retain counsel and otherwise provide a complete defense against the entire claim or suit.

After a final judgment or settlement, the Permit Holder may request recoupment of specific defense costs and may file suit in the Washington Superior Court requesting recoupment. The Permit Holder shall be entitled to recoup costs only upon a showing that such costs were entirely unrelated to the defense of any claim arising from an act or omission of the Permit Holder.

The Permit Holder shall indemnify the State and its officers and employees in the event that the State, its officers or employees become legally obligated to pay any damages or losses arising from any act or omission of the Permit Holder.

Insurance: Before beginning any work under this Permit the Permit Holder must provide certificates of insurance to show that the following minimum coverages are in effect. It is the responsibility of the Permit Holder to maintain current certificates of insurance on file with the State for the duration of work under the Permit. No warranty is made that the coverages and limits listed herein are adequate to cover and protect the interests of the Permit Holder for the Permit Holder's operations. These are solely minimums that have been established to protect the interests of the State.

Workers' Compensation: With respect to all operations performed under the Permit, the Permit Holder shall carry workers' compensation insurance in accordance with the laws of the State of Vermont.

General Liability and Property Damage: With respect to all operations performed under the Permit, the Permit Holder shall carry general liability insurance having all major divisions of coverage including, but not limited to:
Premises - Operations
Products and Completed Operations
Personal Injury Liability
Contractual Liability

The policy shall be on an occurrence form and limits shall not be less than:

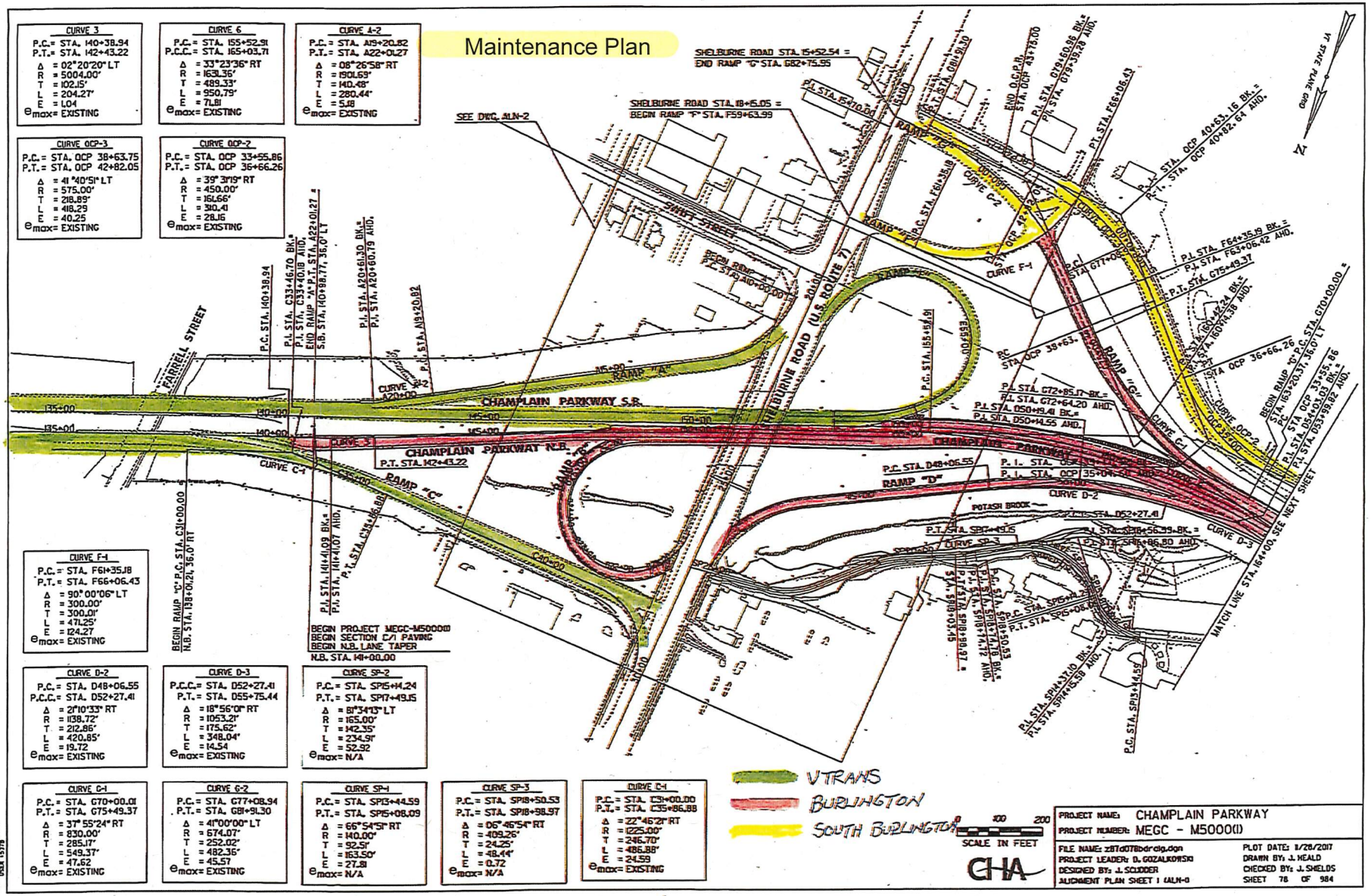
$2,000,000 Per Occurrence
$2,000,000 General Aggregate
$2,000,000 Products/Completed Operations Aggregate
$ 50,000 Fire/Legal Liability

Permit Holder shall name the State of Vermont and its officers and employees as additional insureds for liability arising out of this Permit.

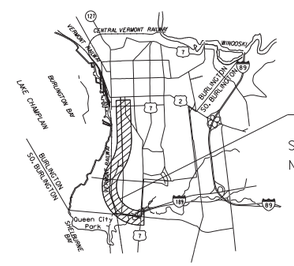
Automotive Liability: The Permit Holder shall carry automotive liability insurance covering all motor vehicles, including hired and non-owned coverage, used in connection with the Permit. Limits of coverage shall not be less than: $1,000,000 combined single limit.

Permit Holder shall name the State of Vermont and its officers and employees as additional insureds for liability arising out of this Permit.

Maintenance Plan



CITY OF BURLINGTON



PROPOSED IMPROVEMENT CITY OF BURLINGTON COUNTY OF CHITTENDEN CHAMPLAIN PARKWAY (PRINCIPAL ARTERIAL)

BEGINNING AT A POINT ON THE CHAMPLAIN PARKWAY APPROXIMATELY 0.180 MILES EAST OF THE BURLINGTON - SOUTH BURLINGTON CITY LINE AND EXTENDING NORTHERLY 2.791 MILES.

LENGTH OF ROADWAY	14736.48 FEET = 2.791 MILES
LENGTH OF PROJECT	14736.48 FEET = 2.791 MILES

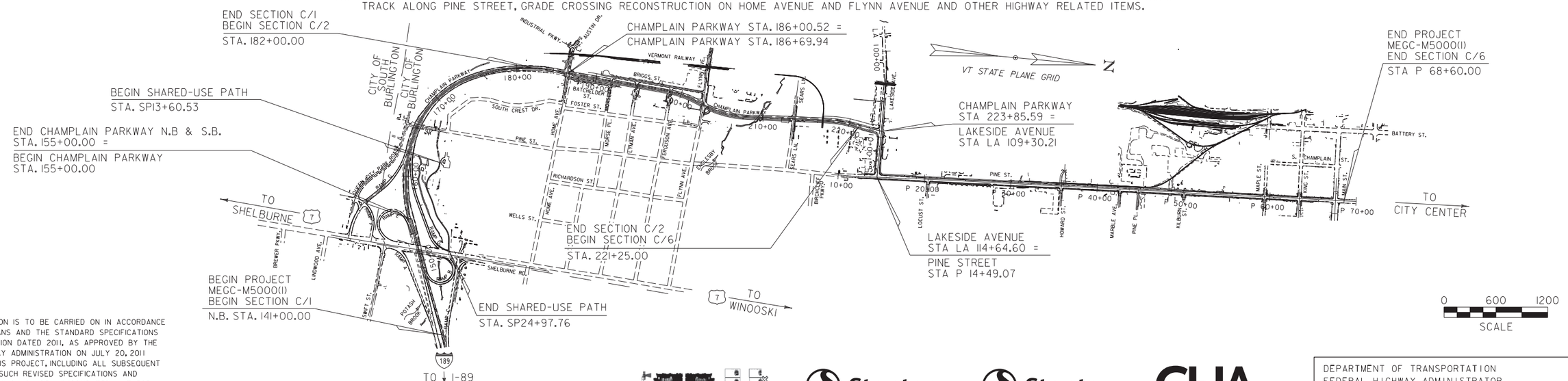
ALSO BEGINNING ON HOME AVENUE IN THE CITY OF BURLINGTON AT STA H 24+25.0 AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 650 FEET (0.123 MILE) AND ENDING AT A POINT IN THE CITY OF BURLINGTON ON HOME AVENUE AT STA H 30+75.0.

LENGTH OF ROADWAY	617 FEET = 0.117 MILE
LENGTH OF RAILROAD CROSSING	33 FEET = 0.006 MILE
LENGTH OF PROJECT	650 FEET = 0.123 MILE

ALSO BEGINNING ON FLYNN AVENUE IN THE CITY OF BURLINGTON AT STA FL 18+40.0 AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 810 FEET (0.153 MILE) AND ENDING AT A POINT IN THE CITY OF BURLINGTON ON FLYNN AVENUE AT STA FL 26+50.0.

LENGTH OF ROADWAY	762 FEET = 0.144 MILE
LENGTH OF RAILROAD CROSSING	48 FEET = 0.009 MILE
LENGTH OF PROJECT	810 FEET = 0.153 MILE
TOTAL LENGTH OF PROJECT	16,196.48 FEET = 3.067 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES GRADING, SUBBASE, PAVEMENT, CURBING AND DRAINAGE FOR A NEW URBAN HIGHWAY. WORK ALSO INCLUDES REHABILITATION OF AN EXISTING ALIGNMENT, CURBING, DRAINAGE IMPROVEMENTS, SIDEWALK AND SHARED-USE PATH CONSTRUCTION, AND TRAFFIC SIGNAL INSTALLATION. WORK ALSO INCLUDES COLD PLANING AND PAVING OF PINE STREET AND APPROACHES, REMOVING AN EXISTING RAILROAD TRACK ALONG PINE STREET, GRADE CROSSING RECONSTRUCTION ON HOME AVENUE AND FLYNN AVENUE AND OTHER HIGHWAY RELATED ITEMS.



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 : LOCKWOOD MAPPING & VSE SURVEYED DATE : MULTIPLE
DATUM VERTICAL: NAVD 88 HORIZONTAL: NAD 83 (1996)

SARATOGA RAILROAD ENGINEERING PC

Stantec

Stantec

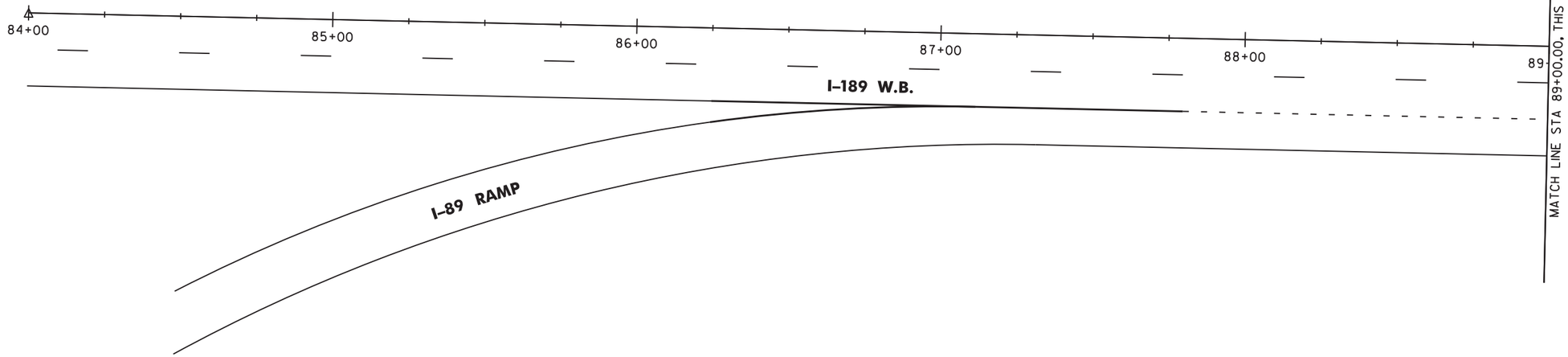
CHA

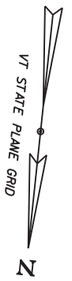
SHEETS 636-639

SHEETS 604-626

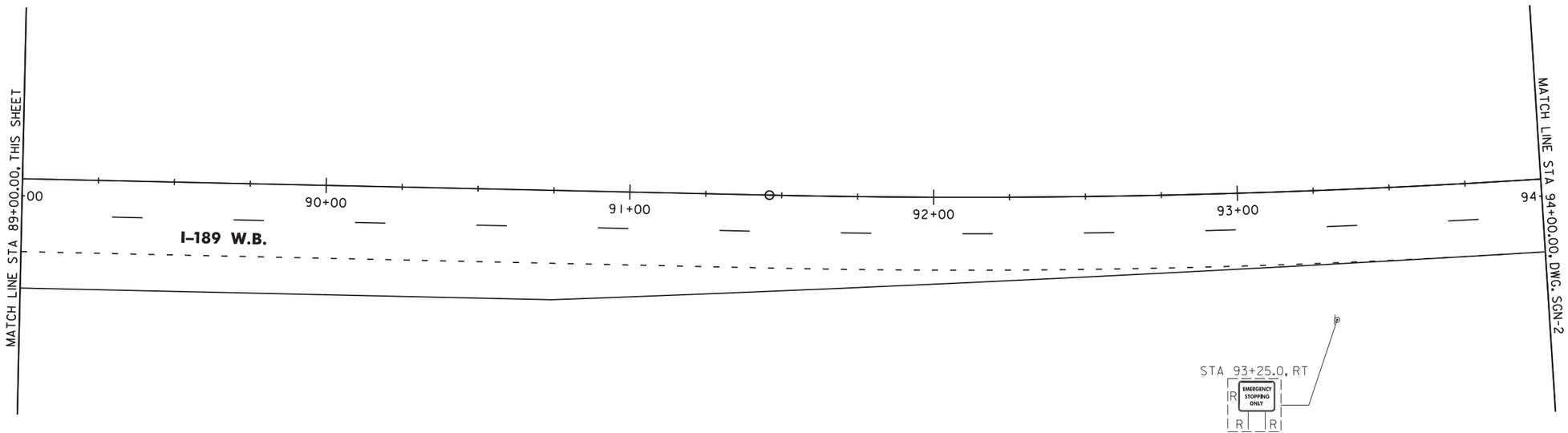
SHEETS 31-38, 240-272, 273-305, 306-329, 644-664

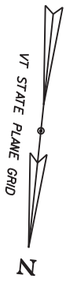
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR APPROVED _____ DATE _____
DIRECTOR OF PUBLIC WORKS APPROVED _____ DATE _____
CITY ENGINEER: NORMAN J. BALDWIN, P.E.
PROJECT NAME : CHAMPLAIN PARKWAY PROJECT NUMBER : MEGC-M5000(I)
SHEET 1 OF 993 SHEETS

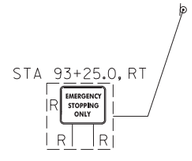




675.50 REMOVING SIGNS
AS SHOWN - 1







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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

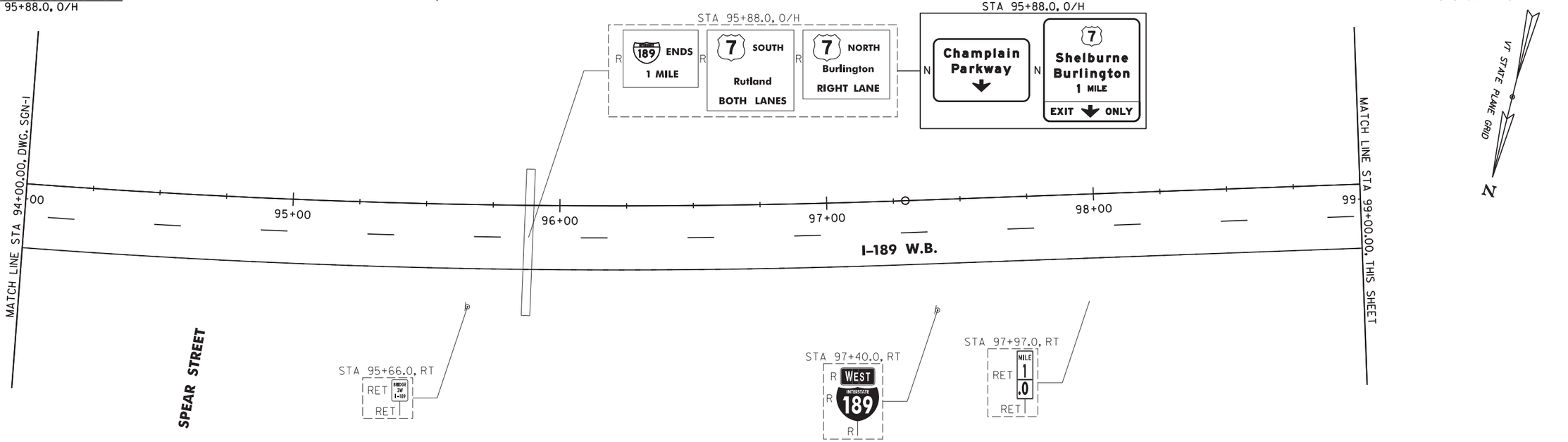
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 1 (SGN-1)	SHEET 454 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

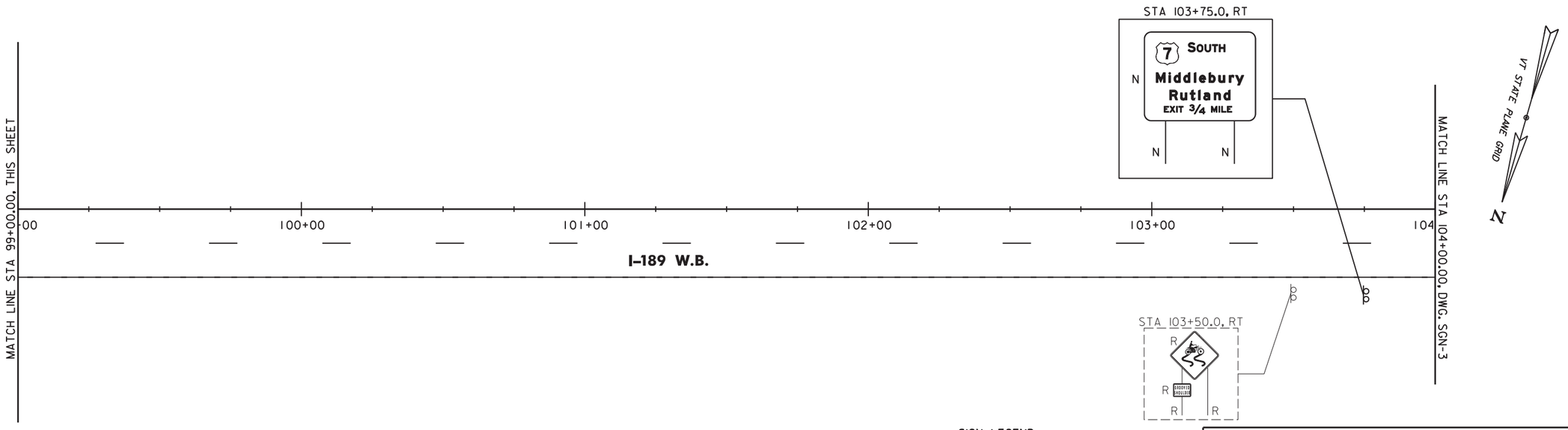
677.35 REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI SUPPORT
STA 95+88.0, O/H

677.13 OVERHEAD SIGN SUPPORT, MULTI SUPPORT
STA 95+88.0, O/H

675.50 REMOVING SIGNS
AS SHOWN - 5



675.50 REMOVING SIGNS
AS SHOWN - 2



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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 2 (SGN-2)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 455 OF 993

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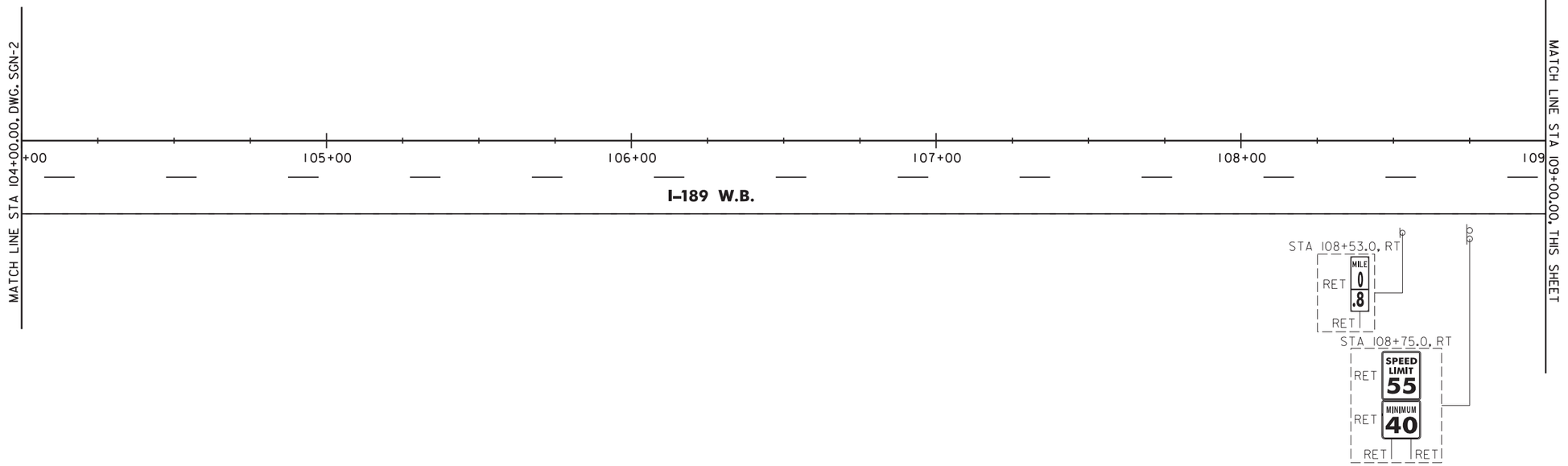
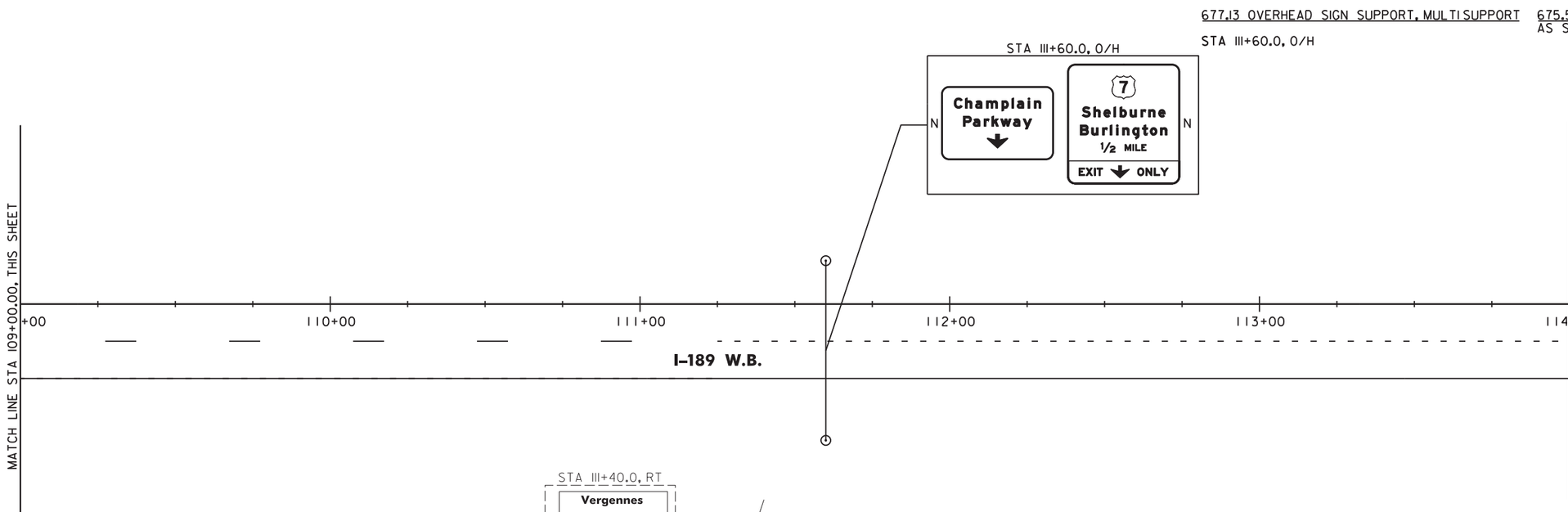
DATE/TIME = 8/9/2019
USER =5375



677.13 OVERHEAD SIGN SUPPORT, MULTI SUPPORT

STA 111+60.0, O/H

675.50 REMOVING SIGNS
AS SHOWN - 2



SIGN LEGEND

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

0 20 40
SCALE IN FEET

CHA

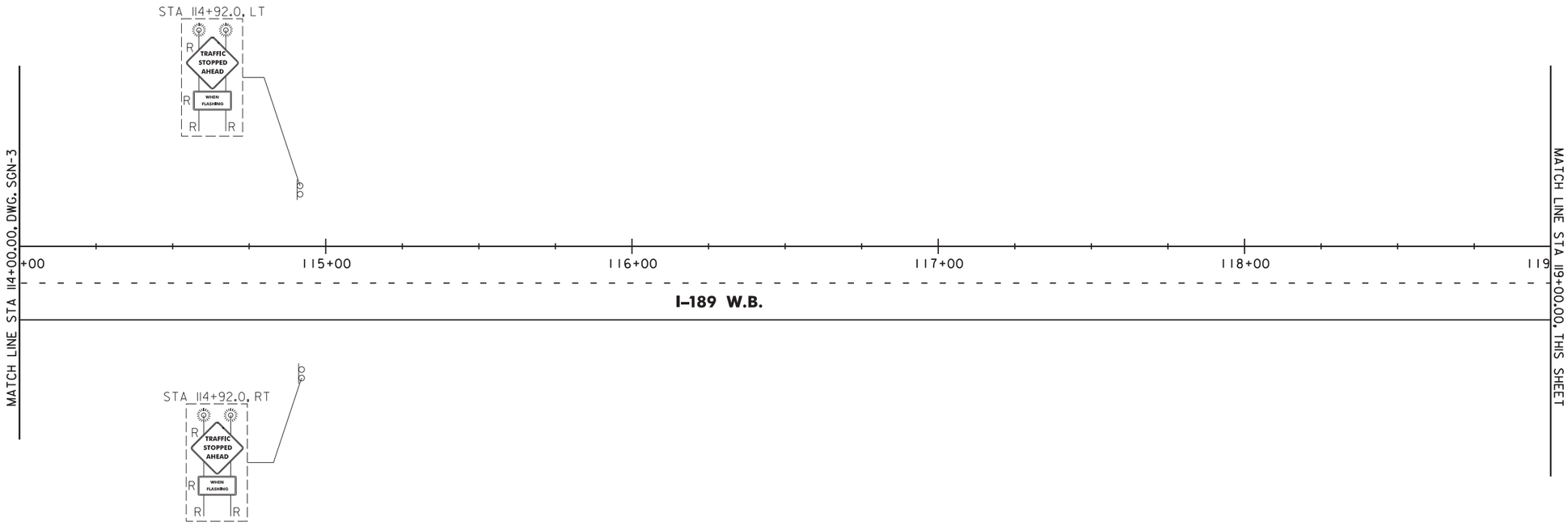
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

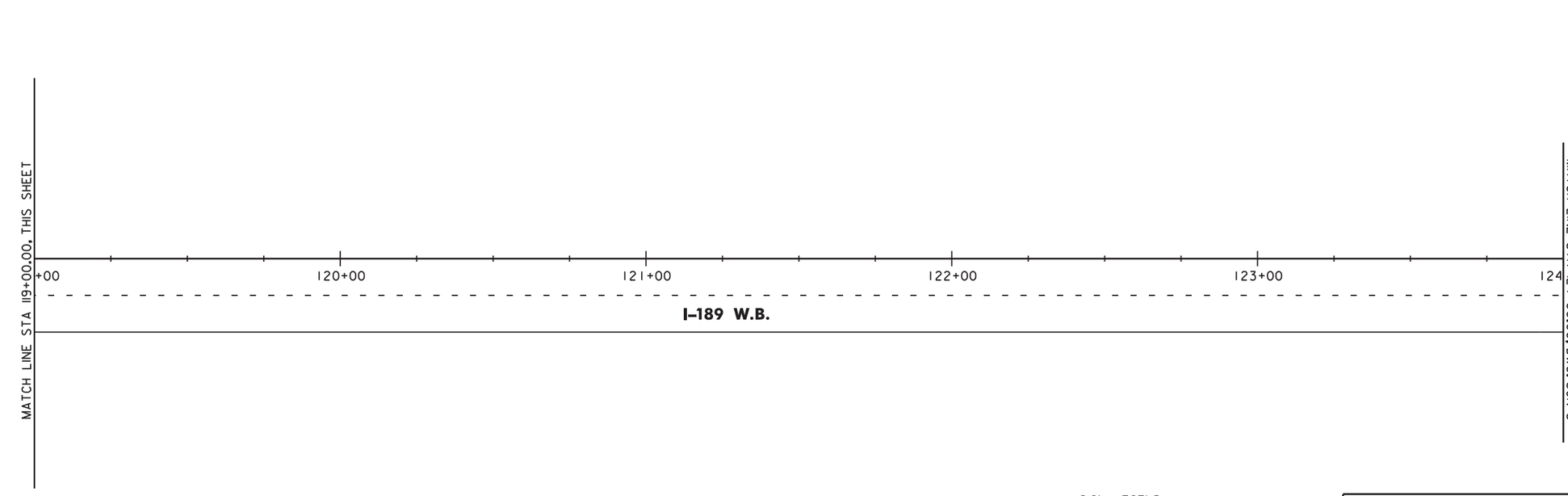
FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 3 (SGN-3)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 456 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

675.50 REMOVING SIGNS
AS SHOWN - 4





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

0 20 40
SCALE IN FEET

CHA

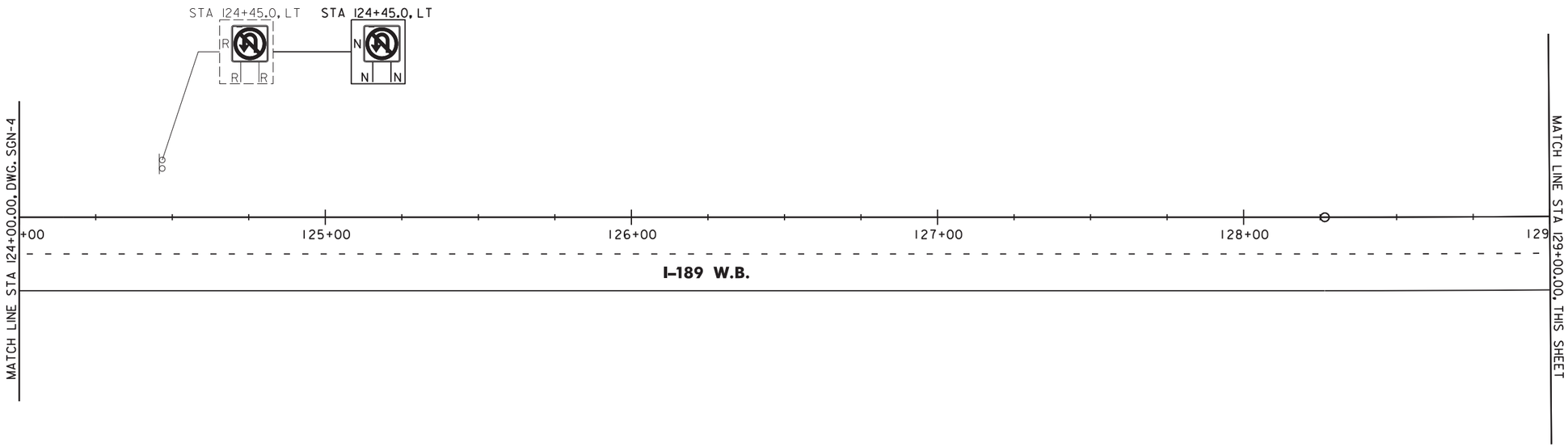
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 4 (SGN-4)

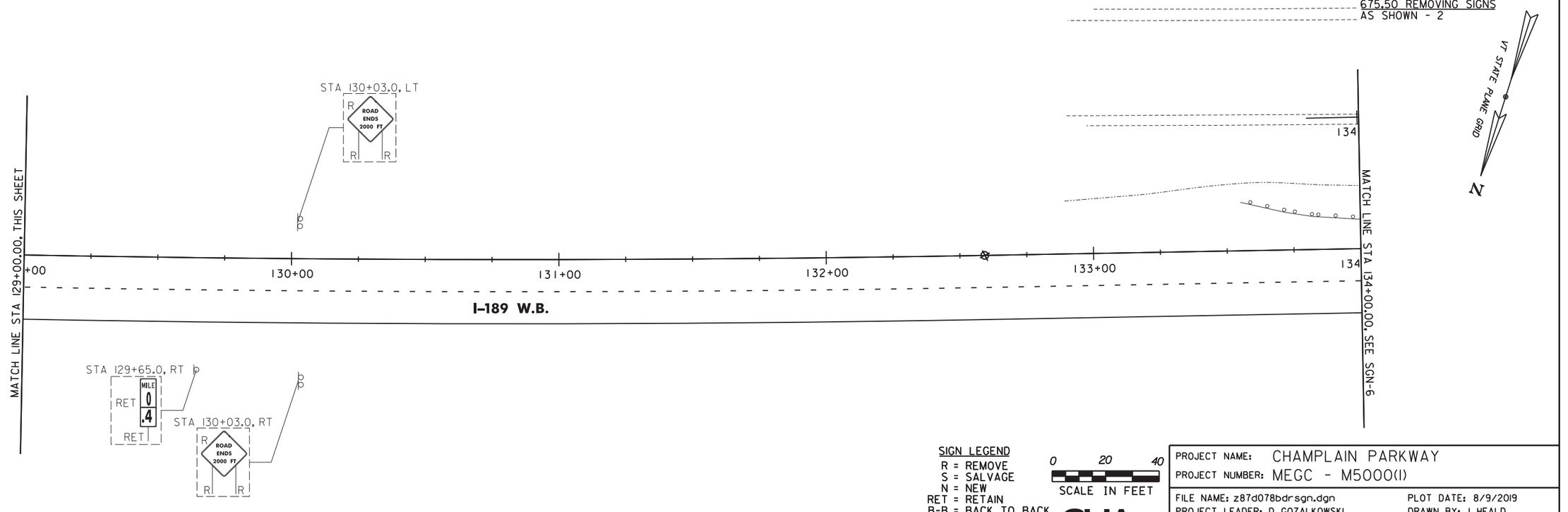
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 457 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

675.50 REMOVING SIGNS
AS SHOWN - 1



675.50 REMOVING SIGNS
AS SHOWN - 2



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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 5 (SGN-5)	SHEET 458 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME =8/9/2019
USER =5375

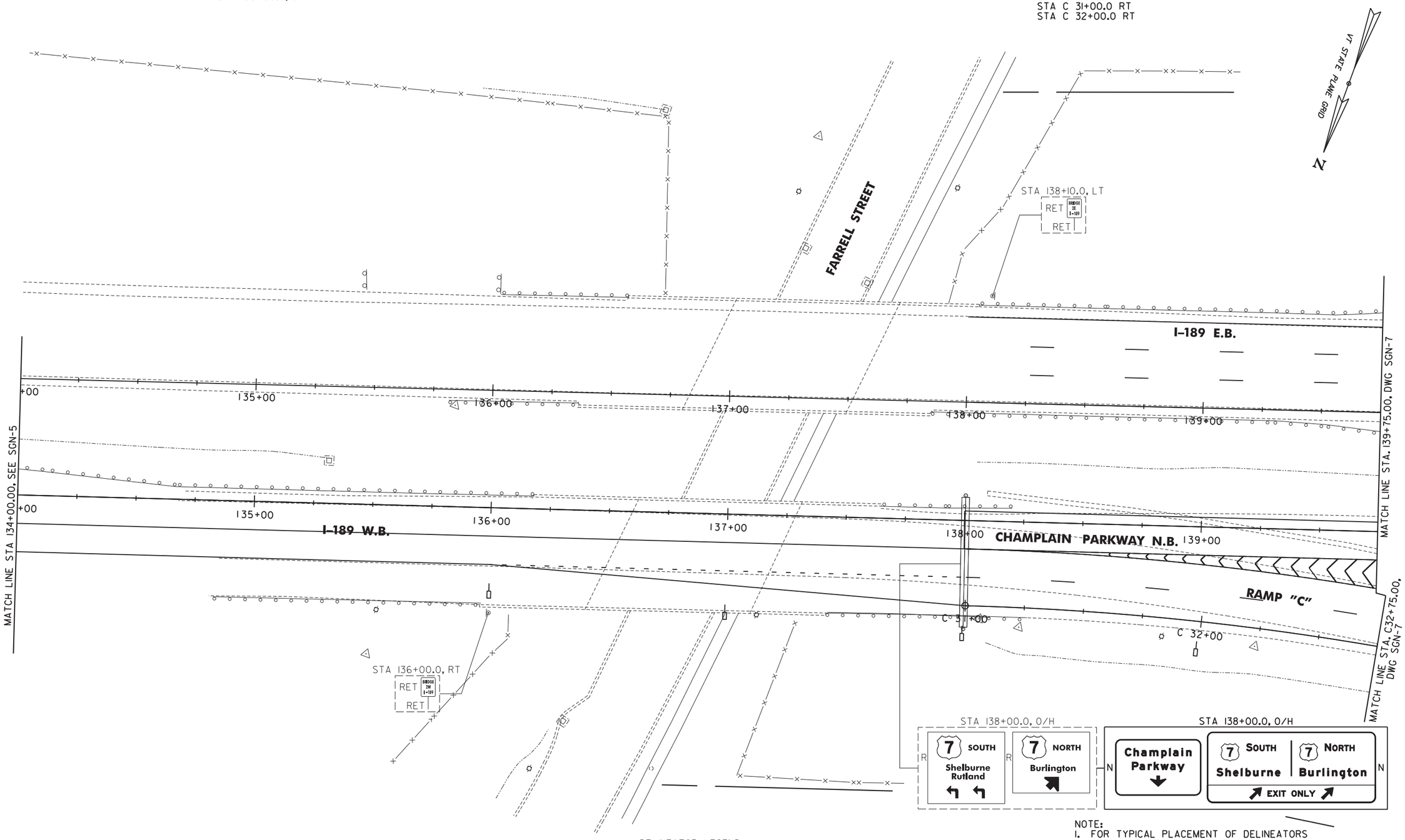
677.35 REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT
STA 138+00.0, O/H

677.13 OVERHEAD SIGN SUPPORT, MULTI SUPPORT
STA 138+00.0, O/H

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP C: 2

676.10 DELINEATOR WITH STEEL POST
STA 136+00.0 RT
STA 137+00.0 RT
STA C 31+00.0 RT
STA C 32+00.0 RT

675.50 REMOVING SIGNS
AS SHOWN - 2



NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

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

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 6 (SGN-6)	SHEET 459 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME =8/9/2019
USER =5375

676.10 DELINEATOR WITH STEEL POST
STA C 33+00.0 RT
STA C 34+00.0 RT
STA C 34+00.0 LT
STA C 35+00.0 LT
STA A 17+80.0 RT
STA A 18+80.0 RT
STA A 19+80.0 RT
STA A 20+80.0 RT
STA A 21+80.0 RT

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP A: 4
RAMP C: 4

675.50 REMOVING SIGNS
AS SHOWN - 1

VT STATE PLANE GRID
N

STA 143+40.0, RT
N ONE WAY N N

STA A19+35.0, RT
N N N

STA A19+18.0, RT
R R

N.B. STA 140+75.0, LT
N END N 189 N N

A 22+00 A 21+00 A 20+00 A 19+00 A 18+00

RAMP "A"

CHAMPLAIN PARKWAY S.B.

140+00 141+00 142+00 143+00 144+00 145+00

CHAMPLAIN PARKWAY N.B.

MATCH LINE STA. A17+25.00, DWG SGN-8

MATCH LINE STA. 145+75.00, DWG SGN-8

MATCH LINE STA. 139+75.00, DWG SGN-6

MATCH LINE STA. C32+75.00, DWG SGN-6

C 33+00 C 34+00 C 35+00

RAMP "C"

STA 143+50.0, RT
N N N

N.B. STA 140+75.0, RT
N N

STA C 34+05.0, RT

RET	Shelburne	5
RET	Vergennes	20
RET	Middlebury	32
RET	Rutland	67
RET	Burlington	

RET RET

MATCH LINE STA. C35+25.00, DWG SGN-9

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

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

0 20 40
SCALE IN FEET

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 7 (SGN-7)

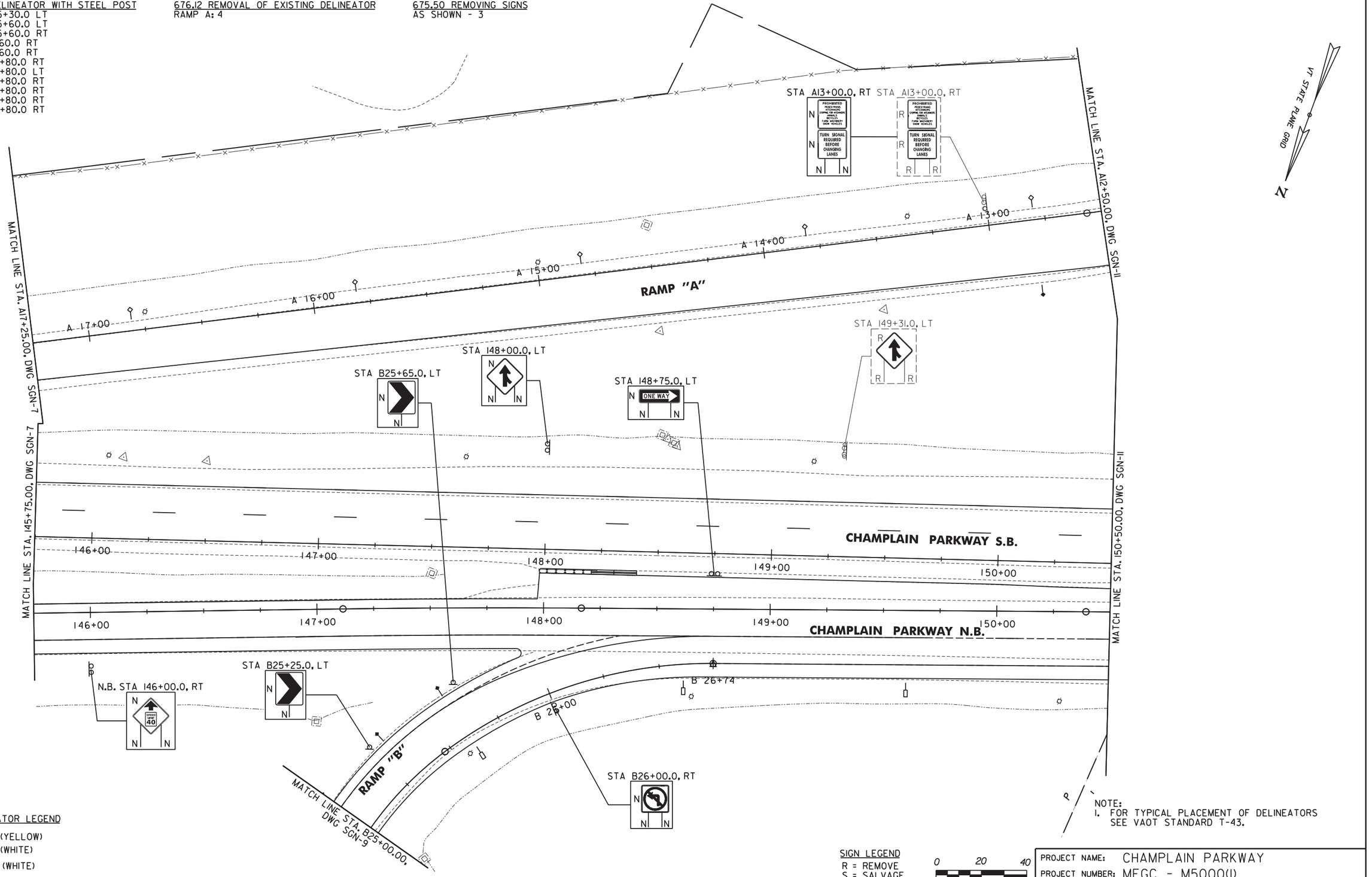
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 460 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

676.10 DELINEATOR WITH STEEL POST
STA B 25+30.0 LT
STA B 25+60.0 LT
STA B 25+60.0 RT
STA 148+60.0 RT
STA 149+60.0 RT
STA A 12+80.0 RT
STA A 12+80.0 LT
STA A 13+80.0 RT
STA A 14+80.0 RT
STA A 15+80.0 RT
STA A 16+80.0 RT

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP A: 4

675.50 REMOVING SIGNS
AS SHOWN - 3



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

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 8 (SGN-8)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 461 OF 993

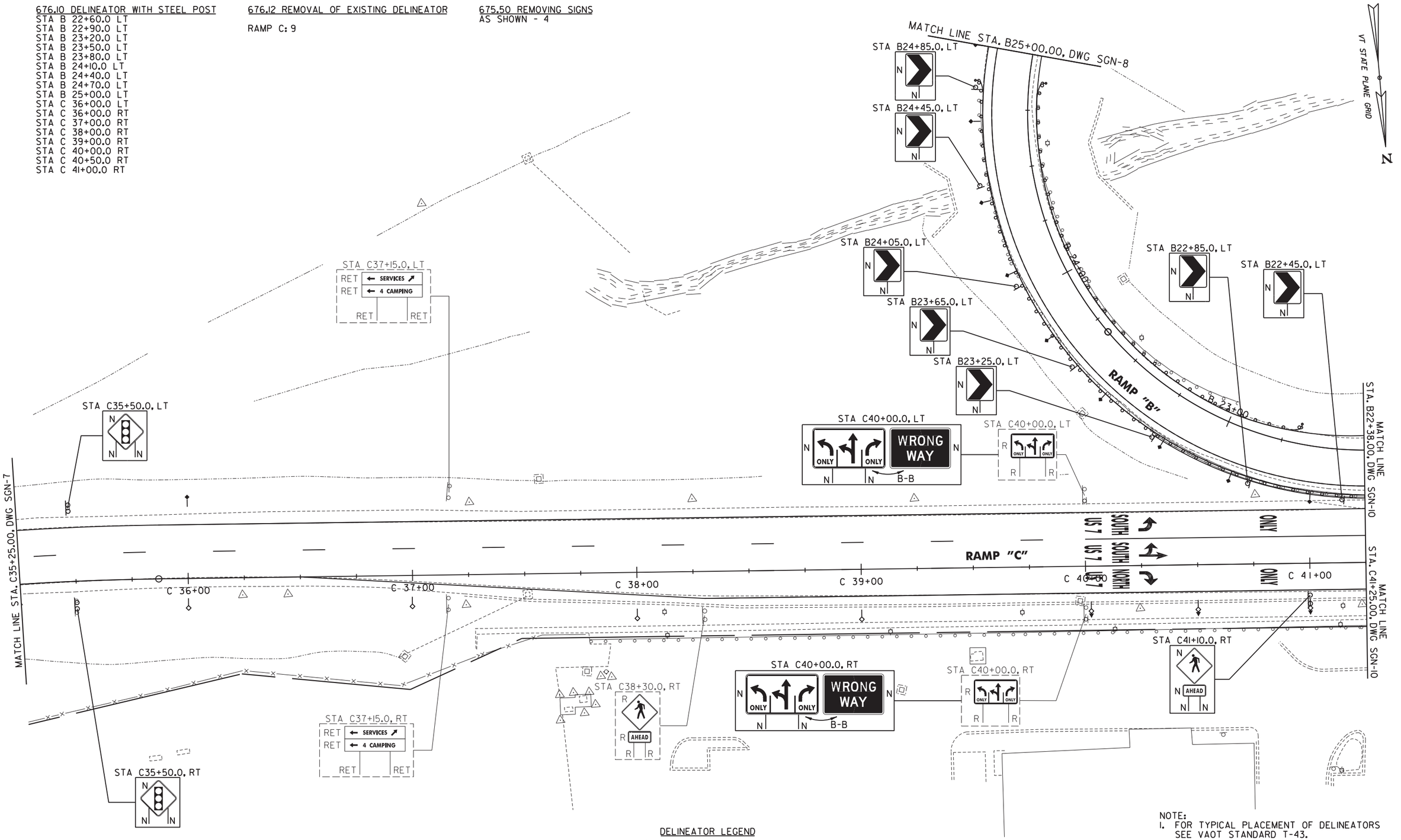
FILE NAME =\\h365fs\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER = 5375

676.10 DELINEATOR WITH STEEL POST
STA B 22+60.0 LT
STA B 22+90.0 LT
STA B 23+20.0 LT
STA B 23+50.0 LT
STA B 23+80.0 LT
STA B 24+10.0 LT
STA B 24+40.0 LT
STA B 24+70.0 LT
STA B 25+00.0 LT
STA C 36+00.0 LT
STA C 36+00.0 RT
STA C 37+00.0 RT
STA C 38+00.0 RT
STA C 39+00.0 RT
STA C 40+00.0 RT
STA C 40+50.0 RT
STA C 41+00.0 RT

676.12 REMOVAL OF EXISTING DELINEATOR

RAMP C: 9

675.50 REMOVING SIGNS
AS SHOWN - 4



NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

DELINEATOR LEGEND

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

SIGN LEGEND

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME:	CHAMPLAIN PARKWAY
PROJECT NUMBER:	MEGC - M5000(1)
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 9 (SGN-9)	SHEET 462 OF 993

FILE NAME =U:\8656\87D078\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

677.23 OVERHEAD SIGN SUPPORT, MULTI-SUPPORT WITH LIGHTING
STA 30+81.0 O/H

677.35 REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT
STA 30+81.0 O/H

676.12 REMOVAL OF EXISTING DELINEATOR
RAMPC: 2

675.50 REMOVING SIGNS
AS SHOWN - 28

676.10 DELINEATOR WITH STEEL POST
STA B 21+20.0 LT
STA B 21+40.0 LT
STA B 21+70.0 LT
STA B 22+00.0 LT
STA B 22+30.0 LT
STA C 41+50.0 RT
STA C 42+00.0 RT
STA C 42+50.0 RT
STA C 43+00.0 RT

VT STATE PLANE GRID

MATCH LINE STA. SP23+75.00, DWG SGN-16
MATCH LINE STA. D42+25.00, DWG SGN-11
MATCH LINE STA. 25+75.00, DWG SGN-11
MATCH LINE STA. B22+38.00, DWG SGN-9
MATCH LINE STA. C41+25.00, DWG SGN-9

SHARED-USE PATH
RAMP "D"
RAMP "C" ONLY
SHELBURNE STREET (U.S. ROUTE 7)
OVERHEAD SIGN

S 55° 19' 24.03" W
N 4° 07' 22.99" E

STA SP23+97.0, RT — END / BIKE ROUTE
STA SP23+97.0, LT — BIKE ROUTE
STA SP24+89.0, LT — NO MOTOR VEHICLES
STA SP24+89.0, RT — STOP
STA D40+50.0, RT — EXIT 25 M.P.H.
STA D42+05.0, LT
STA D42+05.0, RT
STA D41+85.0, LT
STA 28+35.0, O/H — RET / RET
STA 29+33.0, LT
STA 30+81.0, LT (O/H SIGN) — SOUTH 7 / SOUTH 7 / To 189 89
STA 30+81.0, LT (O/H SIGN) — TO 189 89 Montpelier St. Albans EXIT 1/4 MILE / Champlain Parkway
STA B20+00.0, RT — EXIT 25 M.P.H.
STA B20+90.0, LT
STA B20+95.0, RT
STA B20+95.0, LT
STA B21+11.0, LT
STA 28+24.0, RT — ONE WAY / ONE WAY / DO NOT ENTER / B-B
STA B21+65.0, LT
STA B21+75.0, RT — PROHIBITED PEDESTRIANS BICYCLES FARM MACHINERY SNOW VEHICLES
STA B21+75.0, LT — PROHIBITED PEDESTRIANS BICYCLES FARM MACHINERY SNOW VEHICLES / TURN SIGNAL REQUIRED BEFORE CHANGING LANES
STA B22+05.0, LT
STA B21+25.0, LT
STA C43+00.0, RT — YIELD
STA C43+00.0, RT — YIELD
STA C42+56.0, LT — DO NOT ENTER / ONE WAY / ONE WAY / B-B
STA C42+59.0, RT
STA C42+53.0, RT
STA C42+56.0, LT — ONE WAY / ONE WAY / DO NOT ENTER / B-B
STA C42+53.0, LT
STA C42+53.0, LT
STA C42+38.0, LT — SOUTH 7 NORTH 7
STA C42+38.0, LT — SOUTH 7 NORTH 7
STA C42+33.0, LT
STA C42+33.0, LT
STA 30+81.0, RT (O/H SIGN) — ONLY
STA 30+81.0, RT (O/H SIGN) — 7 NORTH Burlington
STA 30+71.0, LT — PARKING BAN IN EFFECT WHEN FLASHING CITY OF BURLINGTON
STA 30+30.0, RT — CITY OF BURLINGTON SPEED LIMIT 25 UNLESS OTHERWISE POSTED

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

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

0 20 40
SCALE IN FEET

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

PROJECT NAME:	CHAMPLAIN PARKWAY
PROJECT NUMBER:	MEGC - M5000(I)
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 10 (SGN-10)	SHEET 463 OF 993

FILE NAME = U:\9658\87D078\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER = 5375

677.13 OVERHEAD SIGN SUPPORT, MULTI SUPPORT
STA 20+89.0, O/H

677.35 REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT
STA 20+89.0, O/H
STA 25+08.0, O/H

677.23 OVERHEAD SIGN SUPPORT, MULTI SUPPORT WITH LIGHTING
STA 25+08.0, O/H

676.10 DELINEATOR WITH STEEL POST
STA A 11+60.0 LT
STA A 12+00.0 LT
STA A 12+40.0 LT
STA 150+60.0 RT
STA 151+60.0 RT
STA 152+60.0 RT
STA D 42+25.0 LT
STA D 42+65.0 LT
STA D 43+05.0 LT
STA D 43+45.0 LT

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP A: 1

675.50 REMOVING SIGNS
AS SHOWN - 30

VT STATE PLANE GRID

STA 20+89.0, RT (O/H SIGN)
NORTH 7 | NORTH 7 | Airport To 189 89 | TRUCK ROUTE 7 NORTH VIA I-189

STA 20+89.0, RT (O/H SIGN)
Champlain Parkway NEXT RIGHT | 189 TO 89 Montpelier St. Albans EXIT ONLY

STA 20+89.0, LT (O/H SIGN)
Swift Street ONLY | 7 SOUTH Shelburne | 189 TO 89 Montpelier St. Albans EXIT ONLY

STA 20+89.0, LT (O/H SIGN)
ONLY SWIFT ST | SOUTH 7 | SOUTH 7 | To 189 89

STA E50+08.0, RT
RAMP 25 M.P.H.

STA E50+08.0, RT
EXIT 25 M.P.H.

STA 22+00.0, LT

STA 22+00.0, LT

STA 25+08.0, LT (O/H SIGN)
7 SOUTH Shelburne | 189 TO 89 Montpelier St. Albans EXIT ONLY

STA 24+45.0, LT
BRIDGE 147A US 7

STA 25+08.0, LT (O/H SIGN)
SOUTH 7 | SOUTH 7 | 189 To 89 Montpelier St. Albans

STA D43+25.0, RT
PROHIBITED

STA D42+24.0, LT
BYWAY 0070 0403 0011

MATCH LINE STA. D43+60.00, DWG SGN-15

RAMP "D" D 43+00

MATCH LINE STA. D42+25.00, DWG SGN-10

MATCH LINE STA. 152+75.00, DWG SGN-15

CHAMPLAIN PARKWAY S.B.

CHAMPLAIN PARKWAY N.B.

E 50+00

SHELBURNE ROAD (U.S. ROUTE 7)

ONLY

OVERHEAD SIGN

21+00

22+00

23+00

24+00

25+00

152+00

151+00

MATCH LINE STA. 20+50.00, DWG SGN-12

MATCH LINE STA. 25+75.00, DWG SGN-10

A 11+00

A 12+00

RAMP "A"

STA A11+52.0, LT
EAST 189

STA 22+85.0, RT
BRIDGE 147A US 7

STA A11+52.0, LT
EAST 189

STA A12+00.0, LT

STA A10+41.0, RT

STA A10+41.0, RT

STA A11+44.0, RT

STA A10+20.0, RT
AHEAD

STA A11+44.0, RT

STA A10+20.0, RT
AHEAD

STA A12+00.0, RT

STA A11+44.0, LT

STA A11+44.0, LT

STA A11+38.0, LT

STA A11+38.0, LT

STA A12+40.0, RT

STA A12+40.0, RT

MATCH LINE STA. A12+50.00, DWG SGN-8

MATCH LINE STA. 150+50.00, DWG SGN-8

STA 25+08.0, RT (O/H SIGN)
NORTH 7 | NORTH 7

STA 25+08.0, RT (O/H SIGN)
7 NORTH Burlington | Champlain Parkway EXIT ONLY

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

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078bdrsgn.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET II (SGN-II)	SHEET 464 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn.dgn
DATE/TIME =8/9/2019
USER =5375

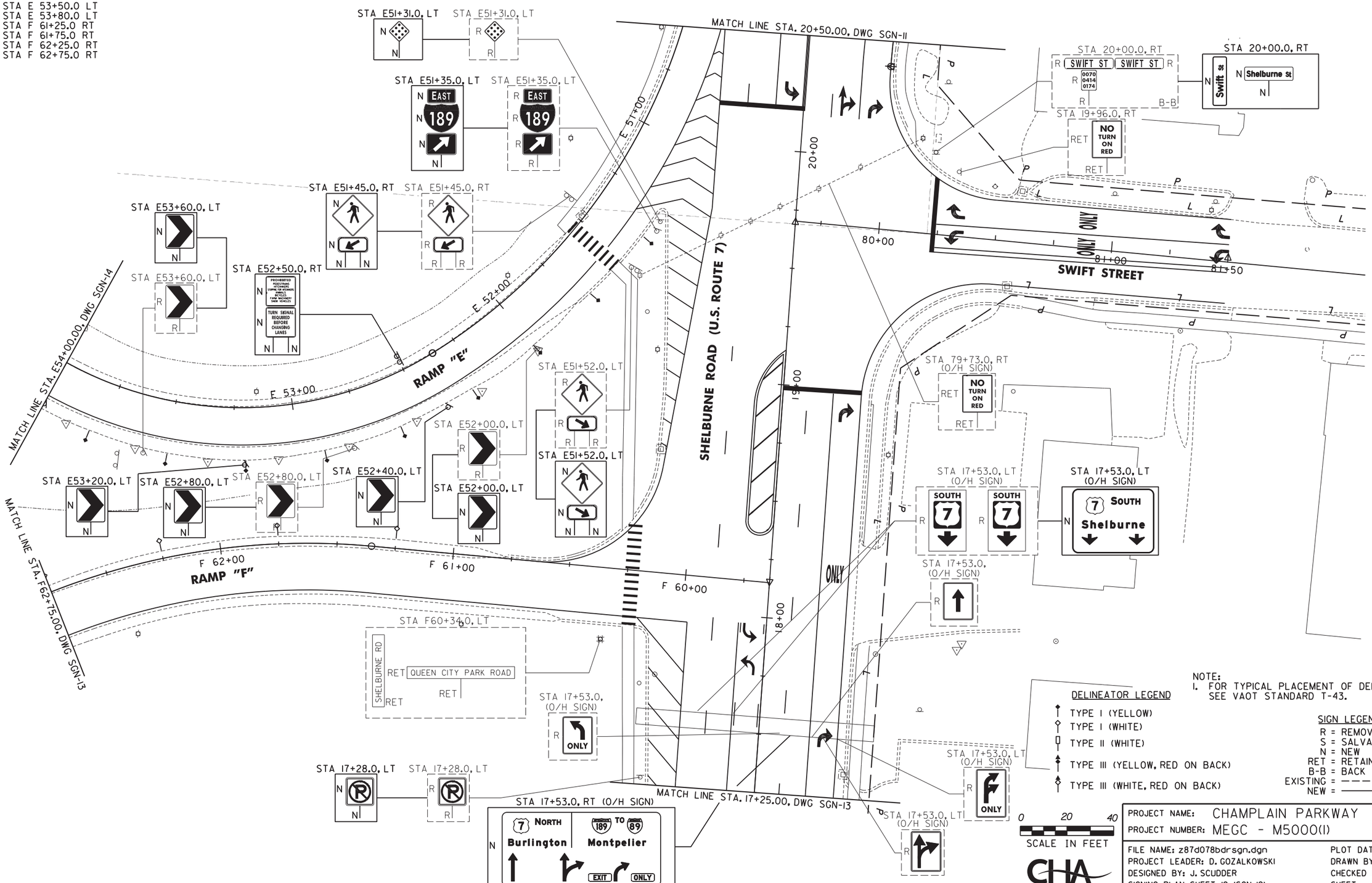
676.10 DELINEATOR WITH STEEL POST
STA E 51+40.0 LT
STA E 51+70.0 LT
STA E 52+00.0 LT
STA E 52+30.0 LT
STA E 52+60.0 LT
STA E 52+90.0 LT
STA E 53+20.0 LT
STA E 53+50.0 LT
STA E 53+80.0 LT
STA F 61+25.0 RT
STA F 61+75.0 RT
STA F 62+25.0 RT
STA F 62+75.0 RT

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP E: 8

675.50 REMOVING SIGNS
AS SHOWN - 21

677.13 OVERHEAD SIGN SUPPORT, MULTI SUPPORT WITH LIGHTING
STA 17+53.0, O/H

677.35 REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT
STA 17+53.0, O/H



NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

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

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 12 (SGN-12)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 465 OF 993

FILE NAME =U:\8655\87D078\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER = 5375

676.10 DELINEATOR WITH STEEL POST
STA F 63+25.0 LT & RT
STA F 63+75.0 LT & RT
STA F 64+25.0 LT & RT
STA G 77+00.0 LT & RT
STA G 77+50.0 LT & RT
STA G 78+00.0 LT & RT
STA G 78+55.0 RT
STA G 79+35.0 RT
STA G 79+75.0 RT
STA G 80+15.0 LT & RT
STA G 80+65.0 LT & RT
STA G 81+15.0 LT & RT
STA G 81+65.0 LT & RT
STA G 82+15.0 LT & RT

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

675.50 REMOVING SIGNS
AS SHOWN - 38

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3

MATCH LINE STA F62+75.00, DWG SGN-12
MATCH LINE STA G77+00.00, DWG SGN-19
MATCH LINE STA OCP40+75.00, DWG SGN-19
MATCH LINE STA I7+25.00, DWG SGN-12

RAMP "F"
RAMP "G"
QUEEN CITY PARK ROAD
SHELBURNE ROAD (U.S. ROUTE 7)
SHELBURNE RD

F 63+00
F 64+00
F 65+00
F 66+00
F 67+00
G 78+00
G 79+00
G 80+00
G 81+00
G 82+00
G 82+76
OCP 41+00
OCP 42+00
OCP 43+00
OCP 43+75
I5+00
I6+00
I7+00

STA F63+25.0, RT — WRONG WAY
STA F64+20.0, RT — B-B: ONE WAY / ONE WAY; DO NOT ENTER; STOP; B-B
STA G77+86.0, LT — B-B: ONE WAY / ONE WAY; STOP; DO NOT ENTER; B-B
STA F63+25.0, LT — WRONG WAY
STA G82+09.0, LT — B-B: ONE WAY / ONE WAY; DO NOT ENTER; NO TURN ON RED; B-B
STA F64+20.0, LT — DO NOT ENTER; ONE WAY / ONE WAY
STA G82+21.0, LT — RET; BIKE ROUTE; RET; RET
STA I6+14.0, LT — BUS STOP C C T A
STA I6+14.0, LT — R&S; BUS STOP C C T A
STA I6+75.0, LT — RET; SIGNAL SET FOR 30 MPH; RET
STA I6+75.0, RT — ONLY
STA G78+42.0, RT — WRONG WAY
STA G78+42.0, RT
STA G80+30.0, LT — WRONG WAY
STA I6+04.0, LT
STA G81+48.0, RT — NORTH / SOUTH; 7 / 7
STA G80+80.0, LT — ONLY
STA I6+04.0, LT — BIKE ROUTE; B-B; R&S
STA G79+25.0, LT — Burlington 2; Shelburne 5; Middlebury 32; Rutland 67
STA G80+25.0, LT — NORTH / SOUTH; 7 / 7
STA G80+75.0, LT — Swift St; ONLY
STA G80+80.0, RT — ONLY
STA G82+21.0, LT — USE PED SIGNAL
STA G82+21.0, LT — USE PED SIGNAL; 0070 0414 0167
STA F65+24.0, RT — STOP; DO NOT ENTER; ONE WAY / ONE WAY
STA F65+24.0, RT — STOP
STA OCP41+00.0, LT — SPEED LIMIT 25
STA OCP41+00.0, LT — SPEED LIMIT 25
STA G79+25.0, RT — Burlington 2; Shelburne 5; Middlebury 32; Rutland 67
STA OCP41+50.0, RT — STOP
STA OCP41+50.0, RT — STOP
STA G79+00.0, RT
STA G80+19.0, RT — SHELBURNE
STA G79+00.0, RT
STA F65+25.0, LT
STA F65+25.0, LT
STA OCP43+85.0, RT — RET
STA OCP42+35.0, LT — RET; STOP; RET
STA OCP43+82.0, RT — RET
STA OCP42+30.0, RT — RET; NO THRU STREET; RET
STA F66+21.0, LT — STOP
STA F66+21.0, LT — STOP
STA G80+30.0, RT — WRONG WAY
STA G80+30.0, RT — WRONG WAY
STA G80+75.0, RT — Swift St; ONLY
STA G80+25.0, RT — NORTH / SOUTH; 7 / 7
STA G82+09.0, RT — B-B: ONE WAY / ONE WAY; DO NOT ENTER; NO TURN ON RED; B-B
STA G82+09.0, RT — DO NOT ENTER; NO TURN ON RED; ONE WAY / ONE WAY
STA G82+16.0, RT — SHELBURNE RD; RET; QUEEN CITY PARK ROAD; RET; RET; RET
STA I5+22.0, RT — STOP; BIKE ROUTE; RET; RET; RET
STA I5+38.0, RT — BIKE ROUTE; USE PED SIGNAL

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

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

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

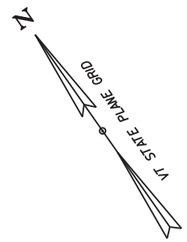
FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 13 (SGN-13)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 466 OF 993

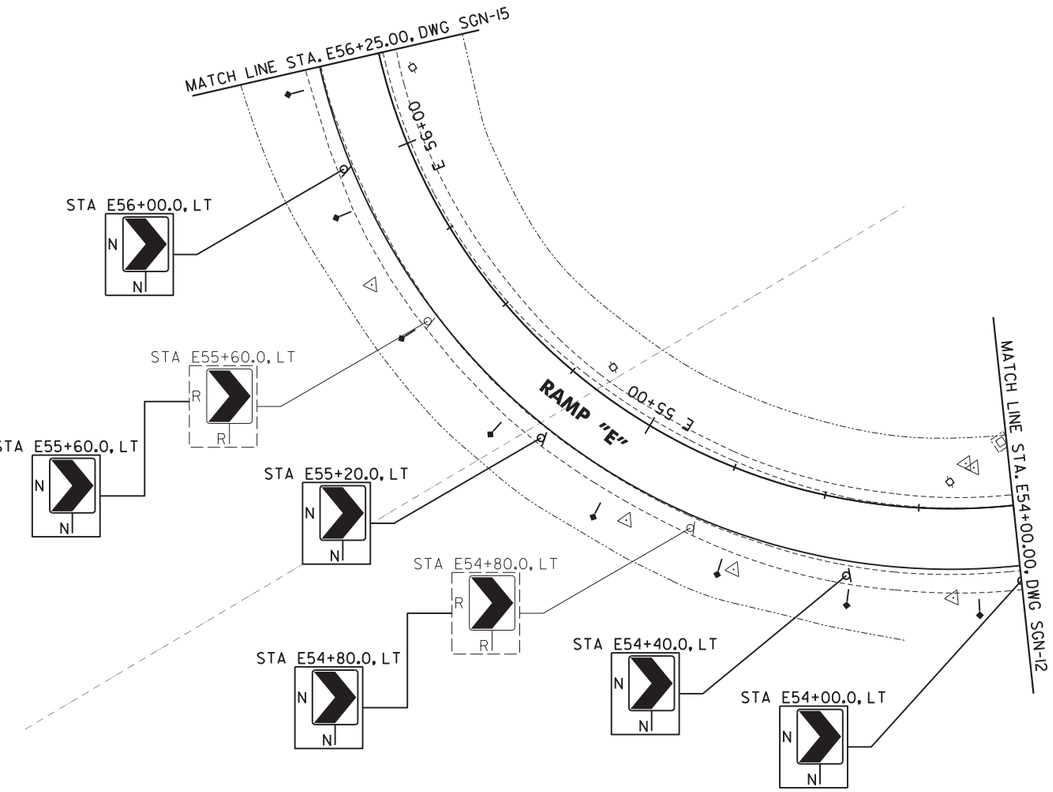
FILE NAME =U:\8659\870878\Consultants\z87d078bdr-sgn.dgn
DATE/TIME =8/9/2019
USER =5375

676.10 DELINEATOR WITH STEEL POST
STA E 54+10.0 LT
STA E 54+40.0 LT
STA E 54+70.0 LT
STA E 55+00.0 LT
STA E 55+30.0 LT
STA E 55+60.0 LT
STA E 55+90.0 LT
STA E 56+20.0 LT

676.12 REMOVAL OF EXISTING DELINEATOR
RAMP E: 4

675.50 REMOVING SIGNS
AS SHOWN - 2





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

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

0 20 40
SCALE IN FEET

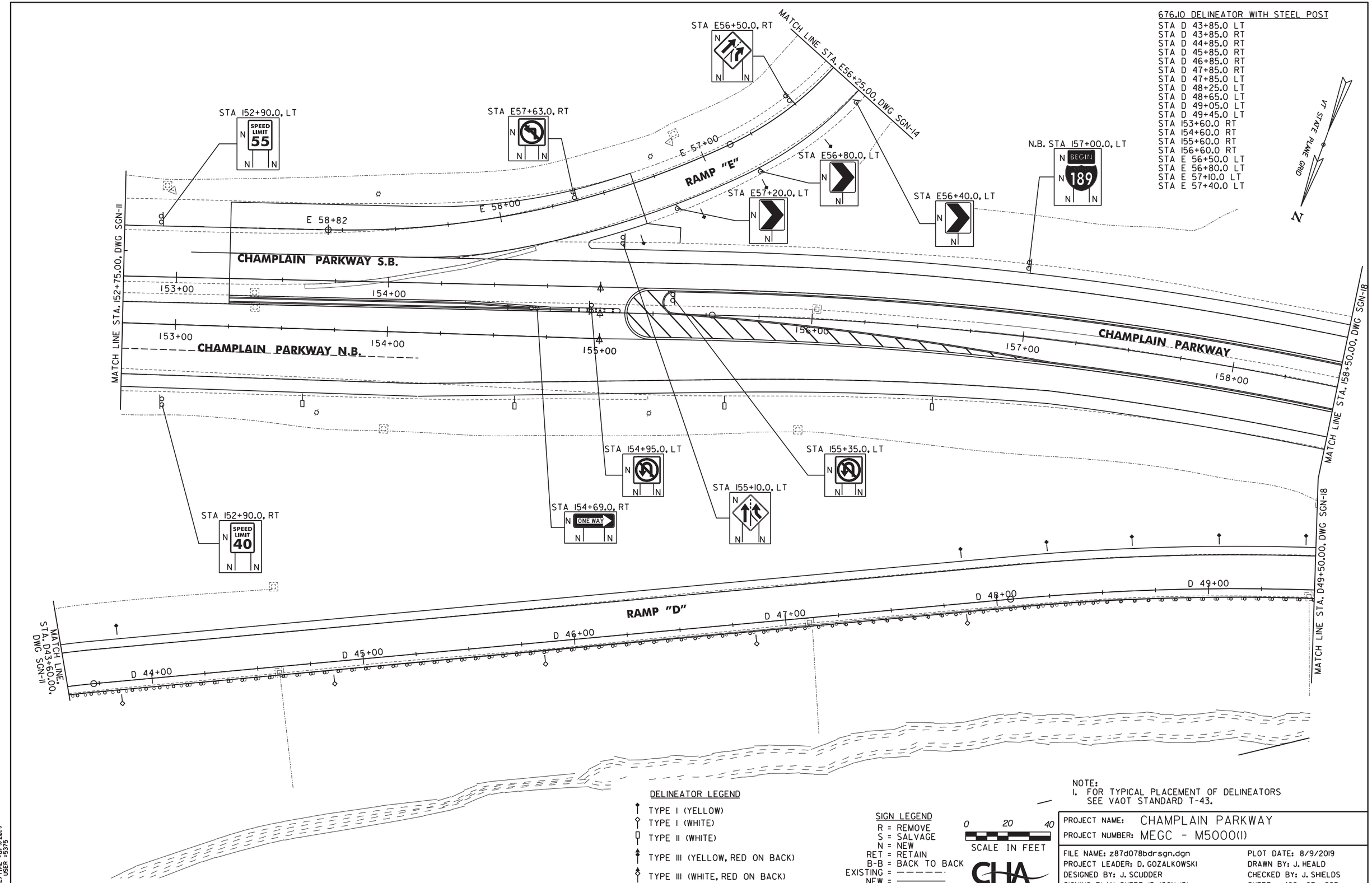
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 14 (SGN-14)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 467 OF 993

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375



DELINEATOR LEGEND

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

SIGN LEGEND

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

0 20 40
SCALE IN FEET

NOTE:
1. FOR TYPICAL PLACEMENT OF DELINEATORS SEE VAOT STANDARD T-43.

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078bdrsgn.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 15 (SGN-15)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 468 OF 993

FILE NAME =U:\8656\87D078\Consultants\z87d078bdrsgn.dgn
DATE/TIME = 8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	SQUARE STEEL (in) lb/ft 2.0 / 2.42	SQUARE STEEL (in) lb/ft 2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR STEEL • (in) FOUNDATION	TUBULAR STEEL • (in) lb/ft 3.0 / 7.6	TUBULAR STEEL • (in) lb/ft 3.5 / 9.0	TUBULAR STEEL • (in) lb/ft 4.0 / 10.8	TUBULAR STEEL • (in) lb/ft 5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD HIGHWAY SIGNS BOOK)	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
I-189:																																
95+88.0, O/H	Champlain Parkway ↓	1	174	114		137.75																									SDS-1	
95+88.0, O/H	7 Shelburne Burlington 1 MILE EXIT ↓ ONLY	1	174	186		224.75																									SDS-1	
103+75.0, RT	7 SOUTH Middlebury Rutland EXIT 3/4 MILE	1	180	144		180.00				2													560							SDS-1	
111+60.0, O/H	Champlain Parkway ↓	1	174	114		137.75																									SDS-1	
111+60.0, O/H	7 Shelburne Burlington 1/2 MILE EXIT ↓ ONLY	1	174	186		224.75																									SDS-1	
											LF	LF	LF	LF	LF	LF		EA		LB	LB	LB	LB 560								
	TOTALS			SF	SF 905.00	EA.	SF				LF			LF					EA.				LB 560	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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 1 (TSS-1)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 502 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	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)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.12	2.0	3.0	1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
															1.88	2.42	3.35				7.6	9.0	10.8	14.6									
I-189: 124+45.0, LT		1	36	36	9.00						2					X		X												R3-4		
138+00.0, O/H	Champlain Parkway ↓	1	174	114		137.75																								SDS-1		
138+00.0, O/H	7 SOUTH Shelburne | 7 NORTH Burlington ↗ EXIT ONLY ↗	1	336	132		308.00																								SDS-1		
140+75.0, LT	END	1	36	18	4.50						2					X		X												WHITE ON BLUE	M4-6		
	189	1	45	36	11.25																									WHITE ON BLUE	MI-1		
140+75.0, RT		1	18	18	2.25						2					X		X													OMI-1		
143+40.0, RT	ONE WAY →	1	54	18	6.75						2					X		X													R6-1		
143+50.0, RT		1	48	48	16.00						2					X		X													W4-1		
												LF	LF	LF	LF	LF 140	LF	EA			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."		TOTALS	SF 49.75	SF 445.75	EA.	SF						LF			LF 140			EA.			LB				EA.	EA.	LB.					

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 2 (TSS-2)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 503 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	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)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.12	2.0	3.0	1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
														1.88	2.42	3.35				7.6	9.0	10.8	14.6									
I-189:																															
146+00.0, RT		1	48	48	16.00					2					X		X												W3-5		
148+00.0, LT		1	48	48	16.00					2					X		X												W4-1		
CHAMPLAIN PARKWAY:																															
148+75.0, LT		1	54	18	6.75					2					X		X												R6-1		
152+90.0, RT		1	36	48	12.00					2					X		X												R2-1		
152+90.0, LT		1	36	48	12.00					2					X		X												R2-1		
154+69.0, RT		1	54	18	6.75					2					X		X												R6-1		
154+95.0, LT		1	36	36	9.00					2					X		X												R3-4		
155+10.0, LT		1	36	36	9.00					2					X		X												W4-3		
155+35.0, LT		1	36	36	9.00					2					X		X												R3-4		
											LF	LF	LF	LF	LF 252	LF	EA			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."																															
	TOTALS		SF 96.50	SF	EA.	SF					LF			LF 252			EA.			LB				EA.	EA.	LB.					

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 3 (TSS-3)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 504 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	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)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.12	2.0	3.0	1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
											1.88	2.42	3.35							7.6	9.0	10.8	14.6									
CHAMPLAIN PARKWAY: 157+00.0, LT	BEGIN	1	36	18	4.50					2					X		X												WHITE ON BLUE	M4-14		
	189	1	45	36	11.25																								WHITE ON BLUE	MI-1		
160+50.0, RT		1	36	36	9.00					2					X		X													W4-1		
161+35.0, LT		1	18	18	2.25					1					X		X													OMI-1		
161+85.0, RT	ONE WAY	1	54	18	6.75					2					X		X													R6-1		
167+50.0, RT	SPEED LIMIT 25	1	36	36	9.00					2					X		X													W3-5		
168+00.0, LT	EXIT 30 M.P.H.	1	24	30	5.00					1					X		X													WI3-2		
169+50.0, RT	CITYWIDE	1	30	9	1.88					2					X		X													R2-5aP		
	SPEED LIMIT 25	1	30	36	7.50																									R2-1		
	UNLESS OTHERWISE POSTED	1	24	18	3.00																									R2-5P		
				SF	SF	EA.	SF				LF	LF	LF	LF	LF 168	LF	EA			LB	LB	LB	LB	EA.	EA.	LB.						
TOTALS				60.13							LF			LF 168				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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 4 (TSS-4)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 505 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 5

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft						lb/ft				24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6									
CHAMPLAIN PARKWAY: 169+50.0, LT	SPEED LIMIT 40	1	24	30	5.00						1					X		X												R2-1		
171+50.0, LT	TO	1	24	12	2.00						1					X		X											WHITE ON BLUE	M4-5		
	189	1	30	24	5.00																								WHITE ON BLUE	M1-1		
	↑	1	21	15	2.19																								WHITE ON BLUE	M6-3		
176+00.0, LT	7 Burlington Shelburne NEXT RIGHT	1	144	132		132.00					2													560							SDS-1	
184+50.0, RT	ONLY	1	36	30	7.50						2					X		X											SIGN ID CODE VR-922L			E-145A
185+30.0, LT		1	30	30	6.25						2					X		X												R5-6		
	NO PEDESTRIANS OR BICYCLES	1	30	18	3.75																									R5-10b		
185+50.0, RT	LEFT LANE MUST TURN LEFT	1	30	30	6.25						1					X		X												R3-7		
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."												LF	LF	LF	LF	LF 98	LF	EA		LB	LB	LB	LB 560									
	TOTALS				SF 37.94	SF 132.00	EA.	SF				LF			LF 98				EA.	LB 560				EA.	EA.	LB.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 5 (TSS-5)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 506 OF 993

FILE NAME =U:\9659\87D078\Consultants\z87d078tss.dgn
DATE/TIME = 8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 6

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
			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 STEEL • (in) lb/ft					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.42	3.35			FOUND-ATION	3.0	3.5	4.0	5.0	24"	30"						
CHAMPLAIN PARKWAY:																					7.6	9.0	10.8	14.6								
187+50.0, LT	Oakledge Park 0.8 MI 8 MIN; Island Line Trail 0.5 MI 8 MIN; University 3.7 MI 24 MIN	1	24	30	5.00						1					X		X													
188+50.0, LT	ONLY	1	36	30	7.50						2					X		X										SIGN ID CODE VR-922L			E-145A
	ONLY	1	12	18	1.50																									SDS-7	
189+00.0, RT	MAY USE FULL LANE	1	30	30	6.25						1					X		X											R4-11		
	PASS WITH CARE	1	24	30	5.00																								R4-2		
198+00.0, LT	TO	1	24	12	2.00						1					X		X										WHITE ON BLUE	M4-5		
	189	1	30	24	5.00																							WHITE ON BLUE	M1-1		
		1	21	15	2.19																							WHITE ON BLUE	M6-3		
200+00.0, LT	MAY USE FULL LANE	1	30	30	6.25						1					X		X											R4-11		
	PASS WITH CARE	1	24	30	5.00																								R4-2		
201+25.0, RT	ONLY	1	36	30	7.50						2					X		X										SIGN ID CODE VR-922L			E-145A
												LF	LF	LF	LF	LF 112	LF	EA		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."		TOTALS	SF 53.19	SF	EA.	SF						LF			LF 112			EA.		LB				EA.	EA.	LB.					

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 6 (TSS-6)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 507 OF 993

FILE NAME = U:\9658\87D078\Consultants\z87d078tss.dgn
DATE/TIME = 8/9/2019
USER = 5375

TRAFFIC SIGN SUMMARY SHEET 7

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft					lb/ft					24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6									
CHAMPLAIN PARKWAY:																																
202+25.0, RT	LEFT TURN MAY USE TURN BOX	I	12	18	1.50						1					X		X													SDS-7	
202+43.0, RT	Flynn Ave	I	30	8	1.66						1					X		X											DOUBLE SIDED SIGN, SIGN ID CODE D3-1 ONE TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN ON POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.		SDS-3	
	Champlain Pkwy	I	42	8	2.33																								DOUBLE SIDED SIGN, SIGN ID CODE D3-1 TWO TOP MOUNTING BRACKETS REQUIRED TO INSTALL SIGN ON POSTS. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.		SDS-3	
204+00.0, LT	Oakledge Park → / Island Line Trail →	I	24	24	4.00						1					X		X													SDS-7	
204+50.0, LT	ONLY	I	36	30	7.50						2					X		X											SIGN ID CODE VR-922L			E-145A
205+50.0, RT	MAY USE FULL LANE	I	30	30	6.25						1					X		X												R4-11		
	PASS WITH CARE	I	24	30	5.00																									R4-2		
210+70.0, RT	ONLY	I	36	30	7.50						2					X		X											SIGN ID CODE VR-922L			E-145A
211+00.0, LT	MAY USE FULL LANE	I	30	30	6.25						1					X		X												R4-11		
	PASS WITH CARE	I	24	30	5.00																									R4-2		
												LF	LF	LF	LF	LF 126	LF		EA		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."																																
	TOTALS		SF 46.99	SF	EA.	SF						LF			LF 126					EA.	LB				EA.	EA.	LB.					

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 7 (TSS-7)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 508 OF 993

TRAFFIC SIGN SUMMARY SHEET 8

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft						lb/ft				24"	30"						
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6									
CHAMPLAIN PARKWAY:																																
212+90.0, RT	LEFT TURN MAY USE TURN BOX	1	12	18	1.50						1					X		X														
215+46.0, LT	ONLY	1	36	30	7.50						2					X		X												SIGN ID CODE VR-922L			E-145A
216+00.0, RT	MAY USE FULL LANE	1	30	30	6.25						1					X		X													R4-11		
	PASS WITH CARE	1	24	30	5.00																										R4-2		
219+00.0, LT	TO	1	24	12	2.00						1					X		X												WHITE ON BLUE	M4-5		
	189	1	30	24	5.00																									WHITE ON BLUE	M1-1		
		1	21	15	2.19																									WHITE ON BLUE	M6-3		
220+75.0, RT	ONLY ONLY	1	36	30	7.50						2					X		X												SIGN ID CODE VR-925			E-145A
221+00.0, LT	MAY USE FULL LANE	1	30	30	6.25						1					X		X													R4-11		
	PASS WITH CARE	1	24	30	5.00																										R4-2		
TOTALS		SF 48.19	SF	EA.	SF							LF	LF	LF	LF	LF 112	LF	EA		EA.	LB	LB	LB	LB	EA.	EA.	LB.					
												LF			LF 112			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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 8 (TSS-8)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 509 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 9

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												1.12	2.0	3.0	lb/ft						lb/ft				24"	30"						
															1.88	2.42	3.35				7.6	9.0	10.8	14.6								
CHAMPLAIN PARKWAY:																															
223+25.0, RT	Church Street 1.2 MI / Arts District 0.4 MI / Calahan Park 0.5 MI / University 0.8 MI	1	24	36	6.00						1					X		X													
RAMP A: A10+20.0, RT		1	36	36	9.00						2					X		X											SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
	AHEAD	1	30	18	3.75																								SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-9P		
A10+41.0, RT		1	24	24	4.00						1					X		X												I-5		
		1	21	15	2.19																									M6-1R		
A11+38.0, LT		1	18	18	2.25						1					X		X												OM1-1		
A11+44.0, RT		1	36	36	9.00						2					X		X											SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
		1	30	18	3.75																								SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-7PL		
A11+44.0, LT		1	36	36	9.00						2					X		X											SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
		1	30	18	3.75																								SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-7PR		
				TOTALS	SF 52.69	SF	EA.	SF				LF	LF	LF	LF	LF 126	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 9 (TSS-9)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 510 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 10

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6								
RAMP A: A11+52.0, LT	EAST	1	24	12	2.00						1					X		X												WHITE ON BLUE	M3-2		
	189	1	30	24	5.00																									WHITE ON BLUE	M1-1		
		1	21	15	2.19																									WHITE ON BLUE	M6-2R		
A12+00.0, RT		1	36	36	9.00						2					X		X													W4-2L		
A12+00.0, LT		1	36	36	9.00						2					X		X													W4-2L		
A13+00.0, RT	PROHIBITED PEDESTRIANS BICYCLISTS EQUESTRIANS ANIMAL DRAWN VEHICLES FARM MACHINERY MOTOR VEHICLES	1	36	36	9.00						2					X		X												SIGN ID CODE VR-046			T-71
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00																									SIGN ID CODE VR-002			T-70
A19+35.0, RT		1	36	36	9.00						2					X		X													R3-2		
RAMP B: B20+00.0, RT	EXIT 25 M.P.H.	1	24	30	5.00						1					X		X													W13-2		
B20+90.0, LT		1	18	18	2.25						1					X		X													OM1-1		
TOTALS			SF 61.44	SF	EA.	SF						LF	LF	LF	LF	LF 154	LF	EA			LB	LB	LB	LB	EA.	EA.	LB.					
																154																

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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 10 (TSS-10)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 511 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 11

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft					lb/ft												
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6	24"	30"						
RAMP B: B20+95.0, RT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PL		
B20+95.0, LT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PR		
B21+11.0, LT		1	36	36	9.00						2					X		X													R3-1		
B21+25.0, LT		1	18	24	3.00						1					X		X													WI-8R		
B21+65.0, LT		1	18	24	3.00						1					X		X													WI-8R		
B21+75.0, RT	PROHIBITED MOTORCYCLES MOTOR-DRIVEN CYCLES (EXCEPTING FOR HIGHWAY MAINTENANCE) BICYCLES FARM MACHINERY SNOW VEHICLES	1	36	36	9.00						2					X		X												SIGN ID CODE VR-046			T-71
B22+05.0, LT		1	18	24	3.00						1					X		X													WI-8R		
B22+45.0, LT		1	18	24	3.00						1					X		X													WI-8R		
TOTALS					SF 55.50	SF	EA.	SF				LF	LF	LF	LF	LF 168	LF	EA			LB	LB	LB	LB	EA.	EA.	LB.					
												LF			LF 168			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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET II (TSS-II)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 512 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 12

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6								
RAMP B: B22+85.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B23+25.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B23+65.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B24+05.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B24+45.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B24+85.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B25+25.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B25+65.0, LT		1	18	24	3.00						1					X		X												WI-8R		
B26+00.0, RT		1	36	36	9.00						2					X		X												R3-2		
												LF	LF	LF	LF	LF 126	LF	EA			LB	LB	LB	LB								
TOTALS					SF 33.00	SF	EA.	SF				LF			LF 126			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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 12 (TSS-12)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 513 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 13

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND		SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR STEEL • (in) FOUNDATION	TUBULAR STEEL • (in) 3.0 lb/ft 7.6	TUBULAR STEEL • (in) 3.5 lb/ft 9.0	TUBULAR STEEL • (in) 4.0 lb/ft 10.8	TUBULAR STEEL • (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RAMP C: C35+50.0, RT		I	48	48	16.00						2					X		X													W3-3		
C35+50.0, LT		I	48	48	16.00						2					X		X													W3-3		
C40+00.0, RT	ONLY ONLY WRONG WAY	I I	48 42	30 30	10.00 8.75						2					X		X												BACK-TO-BACK	R3-8A R5-1A		
C40+00.0, LT	ONLY ONLY WRONG WAY	I I	48 42	30 30	10.00 8.75						2					X		X												BACK-TO-BACK	R3-8A R5-1A		
C41+10.0, RT		I	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
	AHEAD	I	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-9P		
C42+33.0, LT		I	18	18	2.25						1					X		X													OM1-1		
C42+38.0, LT	SOUTH NORTH	I I	24 24	12 12	2.00 2.00						2					X		X												*2	WHITE ON BLACK WHITE ON BLACK	M3-3 M3-1		
	7 7	I I	24 24	24 24	4.00 4.00																										WHITE ON BLACK WHITE ON BLACK	M1-4 M1-4		
	← ↗	I I	21 21	15 15	2.19 2.19																										WHITE ON BLACK WHITE ON BLACK	M6-1 M6-2R		
		TOTALS	SF 100.88		SF	EA.	SF					LF	LF	LF	LF 182	LF	LF	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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 13 (TSS-13)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 514 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 14

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft					lb/ft												
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6	24"	30"						
RAMP C: C42+53.0, RT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PL		
C42+53.0, LT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PR		
C42+56.0, LT	ONE WAY / ONE WAY	1 1	54 54	18 18	6.75 6.75						2					X		X												BACK-TO-BACK	R6-1R R6-1L		
		1 1	36 36	36 36	9.00 9.00																									BACK-TO-BACK	R5-1 R3-1		
C43+00.0, RT		1	36	36	3.90						1					X		X													RI-2		
RAMP D: D40+50.0, RT	EXIT 25 M.P.H.	1	24	30	5.00						1					X		X													WI3-2		
D41+85.0, LT		1	18	18	2.25						1					X		X													OMI-1		
D42+05.0, RT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PL		
												LF	LF	LF	LF	LF 154	LF		EA		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."																																	
	TOTALS		SF 80.90	SF	EA.	SF						LF			LF 154					EA.	LB				EA.	EA.	LB.					

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 14 (TSS-14)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 515 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 15

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												1.12	2.0	3.0	lb/ft					lb/ft					24"	30"						
															1.88	2.42	3.35				7.6	9.0	10.8	14.6									
RAMP D: D42+05.0, LT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-7PR		
D43+25.0, RT	PROHIBITED PEDESTRIANS BICYCLES LOW CLEARANCE ANIMALS BICYCLES FARM VEHICLES SNOW VEHICLES	1	36	36	9.00						2					X		X												SIGN ID CODE VR-046			T-71
D52+44.0, RT		1	36	36	9.00						2					X		X													R3-2		
RAMP E: E50+08.0, RT	EXIT 25 M.P.H.	1	24	30	5.00						1					X		X													W13-2		
E51+31.0, LT		1	18	18	2.25						1					X		X													OM1-1		
E51+35.0, LT	EAST	1	24	12	2.00						1					X		X												WHITE ON BLUE	M3-2		
	189	1	30	24	5.00																									WHITE ON BLUE	M1-1		
		1	21	15	2.19																									WHITE ON BLUE	M6-2R		
E51+45.0, RT		1	36	36	9.00						2					X		X												SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W11-2		
		1	30	18	3.75																									SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	W16-7PL		
TOTALS					SF 59.94	SF	EA.	SF				LF	LF	LF	LF	LF 154	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 15 (TSS-15)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 516 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 16

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUNDATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6									
RAMP E: E51+52.0, LT		1	36	36	9.00						2					X		X											SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WII-2		
		1	30	18	3.75																								SIGN SHALL HAVE FLUORESCENT YELLOW GREEN BACKGROUND	WI6-7PR		
E52+00.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E52+40.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E52+50.0, RT	PROHIBITED PEDESTRIANS HITCHHIKERS SOLICITORS ANIMALS BICYCLES FARM OR CONSTRUCTION VEHICLES	1	36	36	9.00						2					X		X											SIGN ID CODE VR-046			T-71
	TURN SIGNAL REQUIRED BEFORE CHANGING LANES	1	36	36	9.00																								SIGN ID CODE VR-002			T-70
E52+80.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E53+20.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E53+60.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E54+00.0, LT		1	18	24	3.00						1					X		X												WI-8R		
												LF	LF	LF	LF	LF 140	LF	EA			LB	LB	LB	LB								
TOTALS					SF 48.75	SF	EA.	SF				LF			LF 140			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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 16 (TSS-16)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 517 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 17

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6								
RAMP E: E54+40.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E54+80.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E55+20.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E55+60.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E56+00.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E56+40.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E56+50.0, RT		1	36	36	9.00						2					X		X												W4-6		
E56+80.0, LT		1	18	24	3.00						1					X		X												WI-8R		
E57+20.0, LT		1	18	24	3.00						1					X		X												WI-8R		
TOTALS					SF 33.00	SF	EA.	SF				LF	LF	LF	LF	LF 140	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 17 (TSS-17)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 518 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 18

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												1.12	2.0	3.0	lb/ft						lb/ft				24"	30"						
															1.88	2.42	3.35				7.6	9.0	10.8	14.6								
RAMP E: E57+63.0, RT		1	36	36	9.00						2					X		X												R3-2		
RAMP F: F63+25.0, RT	WRONG WAY	1	36	24	6.00						2					X		X												R5-1A		
F63+25.0, LT	WRONG WAY	1	36	24	6.00						2					X		X												R5-1A		
F64+20.0, LT	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						1					X		X											BACK-TO-BACK	R6-1R R6-1L		
	DO NOT ENTER	1	30	30	6.25																									R5-1		
F64+20.0, RT	ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00						2					X		X											BACK-TO-BACK	R6-1R R6-1L		
	DO NOT ENTER STOP	1 1	36 30	36 30	9.00 6.25																								BACK-TO-BACK	R1-1 R5-1		
F65+24.0, RT	STOP	1	30	30	6.25						1					X		X												R1-1		
F65+25.0, LT		1	24	30	5.00						1					X		X												R4-7		
		1	18	18	2.25																									OMI-1		
TOTALS					SF 68.00	SF	EA.	SF				LF	LF	LF	LF	LF 154	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 18 (TSS-18)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 519 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 19

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUND-ATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6									
RAMP F: F66+21.0, LT	STOP	1	30	30	6.25						1					X		X												RI-1		
RAMP G: G75+00.0, RT		1	30	30	6.25						1					X		X												W3-1		
G75+00.0, LT		1	30	30	6.25						1					X		X												W3-1		
G76+25.0, RT	TO	1	24	12	2.00						1					X		X											WHITE ON BLACK	M4-5		
	7	1	24	24	4.00																								WHITE ON BLACK	MI-4		
		1	21	15	2.19																								WHITE ON BLACK	M6-3		
G76+25.0, LT	TO	1	24	12	2.00						1					X		X											WHITE ON BLACK	M4-5		
	7	1	24	24	4.00																								WHITE ON BLACK	MI-4		
		1	21	15	2.19																								WHITE ON BLACK	M6-3		
G76+50.0, LT	WRONG WAY	1	42	30	8.75						2					X		X												R5-1A		
G76+50.0, RT	WRONG WAY	1	42	30	8.75						2					X		X												R5-1A		
												LF	LF	LF	LF	LF 126	LF	EA			LB	LB	LB	LB								
TOTALS			SF 52.63	SF	EA.	SF						LF			LF 126			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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 19 (TSS-19)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 520 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 20

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
														1.75 lb/ft	2.0 lb/ft	2.5 lb/ft	ANCHOR	SLEEVE	FOUNDATION	3.0 lb/ft	3.5 lb/ft	4.0 lb/ft	5.0 lb/ft	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
											1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6								
RAMP G: G77+86.0, LT	ONE WAY ONE WAY	I I	54 54	18 18	6.75 6.75					2					X		X											BACK-TO-BACK	R6-1R R6-1L		
	STOP DO NOT ENTER	I I	36 30	36 30	9.00 6.25																							BACK-TO-BACK	R1-1 R5-1		
G77+86.0, RT	ONE WAY ONE WAY	I I	54 54	18 18	6.75 6.75					2					X		X											BACK-TO-BACK	R6-1R R6-1L		
	STOP DO NOT ENTER	I I	36 30	36 30	9.00 6.25																							BACK-TO-BACK	R1-1 R5-1		
G78+42.0, RT		I	30	30	6.25					1					X		X												R3-2		
G79+00.0, RT		I	36	36	3.90					1					X		X												RI-2		
G79+25.0, RT	← Burlington 2	I	72	12	6.00					2					X		X											SIGN ID CODE VDI-1A		SDS-3	
	Shelburne 5 →	I	72	12	6.00																							SIGN ID CODE VDI-1A		SDS-3	
	Middlebury 32 →	I	72	12	6.00																							SIGN ID CODE VDI-1A		SDS-3	
	Rutland 67 →	I	72	12	6.00																							SIGN ID CODE VDI-1A		SDS-3	
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."											LF LF LF			LF LF 112 LF			EA			LB LB LB LB										
	TOTALS		SF 91.65	SF	EA.	SF					LF			LF 112			EA.			LB				EA.	EA.	LB.					

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 20 (TSS-20)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 521 OF 993

TRAFFIC SIGN SUMMARY SHEET 21

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND		SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	SQUARE STEEL (in) lb/ft 2.0 2.42	SQUARE STEEL (in) lb/ft 2.5 3.35	ANCHOR	SLEEVE	TUBULAR STEEL • (in) FOUNDATION	TUBULAR STEEL • (in) lb/ft 3.0 7.6	TUBULAR STEEL • (in) lb/ft 3.5 9.0	TUBULAR STEEL • (in) lb/ft 4.0 10.8	TUBULAR STEEL • (in) lb/ft 5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RAMP G: G79+25.0, LT	← Burlington 2	1	72	12	6.00						2					X		X												SIGN ID CODE VDI-IA		SDS-3	
	Shelburne 5 →	1	72	12	6.00																									SIGN ID CODE VDI-IA		SDS-3	
	Middlebury 32 →	1	72	12	6.00																									SIGN ID CODE VDI-IA		SDS-3	
	Rutland 67 →	1	72	12	6.00																									SIGN ID CODE VDI-IA		SDS-3	
G80+25.0, RT	NORTH SOUTH	1 1	24 24	12 12	2.00 2.00						2					X		X												#2	WHITE ON BLACK WHITE ON BLACK	M3-1 M3-3		
	7 7	1 1	24 24	24 24	4.00 4.00																										WHITE ON BLACK WHITE ON BLACK	MI-4 MI-4		
	← →	1 1	21 21	15 15	2.19 2.19																										WHITE ON BLACK WHITE ON BLACK	M6-1 M6-1		
G80+25.0, LT	NORTH SOUTH	1 1	24 24	12 12	2.00 2.00						2					X		X												#2	WHITE ON BLACK WHITE ON BLACK	M3-1 M3-3		
	7 7	1 1	24 24	24 24	4.00 4.00																										WHITE ON BLACK WHITE ON BLACK	MI-4 MI-4		
	← →	1 1	21 21	15 15	2.19 2.19																										WHITE ON BLACK WHITE ON BLACK	M6-1 M6-1		
G80+30.0, RT	WRONG WAY	1	42	30	8.75						2					X		X														R5-1A		
G80+30.0, LT	WRONG WAY	1	42	30	8.75						2					X		X														R5-1A		
	TOTALS				SF 74.26	SF	EA.	SF				LF	LF	LF	LF	LF 140	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 21 (TSS-21)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 522 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 22

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND		SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 / 1.88	SQUARE STEEL (in) lb/ft 2.0 / 2.42	SQUARE STEEL (in) lb/ft 2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR STEEL • (in) FOUNDATION	TUBULAR STEEL • (in) lb/ft 3.0 / 7.6	TUBULAR STEEL • (in) lb/ft 3.5 / 9.0	TUBULAR STEEL • (in) lb/ft 4.0 / 10.8	TUBULAR STEEL • (in) lb/ft 5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RAMP G: G80+75.0, LT	Swift St	I	36	8	2.00						2					X		X													SIGN ID CODE DI-I(MOD)		SDS-4	
	ONLY	I	48	30	10.00																										SIGN ID CODE VR-926			E-145A
G80+75.0, RT	Swift St	I	36	8	2.00						2					X		X													SIGN ID CODE DI-I(MOD)		SDS-4	
	ONLY	I	48	30	10.00																										SIGN ID CODE VR-926			E-145A
G82+09.0, RT	ONE WAY / ONE WAY	I I	54 54	18 18	6.75 6.75						2					X		X													BACK-TO-BACK	R6-1R R6-1L		
	DO NOT ENTER / NO TURN ON RED	I I	36 36	36 36	9.00 9.00																										BACK-TO-BACK	R5-1 R10-11B		
G82+09.0, LT	ONE WAY / ONE WAY	I I	54 54	18 18	6.75 6.75						2					X		X													BACK-TO-BACK	R6-1R R6-1L		
	DO NOT ENTER / NO TURN ON RED	I I	36 36	36 36	9.00 9.00																										BACK-TO-BACK	R5-1 R10-11B		
G82+21.0, LT	USE PED SIGNAL	I	12	18	1.50						1					X		X														R9-5		
SHELBURNE RD (U.S. ROUTE 7): 15+38.0, RT	BIKE ROUTE						1				1					X		X													SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
							1																								SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
	USE PED SIGNAL	I	12	18	1.50																											R9-5		
		TOTALS	SF 90.00	SF	EA. 2	SF						LF	LF	LF	LF 140	LF	LF	EA		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."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 22 (TSS-22)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 523 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 23

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED		DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5	ANCHOR	SLEEVE	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
															lb/ft						lb/ft												
												1.12	2.0	3.0	1.88	2.42	3.35				7.6	9.0	10.8	14.6	24"	30"							
SHELBURNE RD (U.S. ROUTE 7): 16+04.0, LT		1	36	36	9.00						1					X		X												R3-1		
16+14.0, LT	BUS STOP C C T A						1				1					X		X											SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
16+75.0, RT	ONLY	1	48	30	10.00						2					X		X											MODIFIED VR-935, SEE SDS-3		SDS-3	
17+28.0, LT	R	1	30	30	6.25						1					X		X												R8-3		
17+53.0, LT (OVERHEAD)	7 SOUTH Shelburne	1	168	132		154.00																									SDS-1	
17+53.0, RT (OVERHEAD)	7 NORTH Burlington / 189 TO 89 Montpelier EXIT ONLY	1	372	174		449.50																									SDS-2	
20+00.0, RT	Swift St	1	42	12	3.50						1					X		X											DOUBLE SIDED SIGN, SIGN ID CODE D3-1 ONE TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN ON POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.		SDS-4	
	Shelburne St	1	42	12	3.50																								DOUBLE SIDED SIGN, SIGN ID CODE D3-1 TWO TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN ON POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.		SDS-3	
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."												LF	LF	LF	LF	LF 84	LF	EA		LB	LB	LB	LB									
	TOTALS				SF 32.25	SF 603.50	EA. 1	SF				LF			LF 84				EA.	LB				EA.	EA.	LB.						

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 23 (TSS-23)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 524 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 24

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
														lb/ft					lb/ft					FTG. SIZE								
											1.12	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	FOUNDATION	3.0	3.5	4.0	5.0	24"	30"	WEIGHT	POST SIZE					
														1.88	2.42	3.35				7.6	9.0	10.8	14.6									
SHELBURNE RD:																																
20+89.0, RT (OVERHEAD)	Champlain Parkway NEXT RIGHT / 189 TO 89 Montpelier St. Albans EXIT ONLY	1	174	96		116.00																								SDS-1	
		1	174	162		195.75																								SDS-2	
20+89.0, LT (OVERHEAD)	7 SOUTH Shelburne / 189 TO 89 Montpelier St. Albans EXIT ONLY	1	168	132		154.00																								SDS-1	
		1	174	162		195.75																								SDS-2	
20+89.0, LT (OVERHEAD)	Swift Street ONLY	1	60	96		40.00																							SIGN ID CODE D15-1		SDS-3	
22+00.00, LT	ONLY ONLY	1	60	30	12.50					2					X		X												SIGN ID CODE VR-94I			E-145A
25+08.0, RT (OVERHEAD)	7 NORTH Burlington / Champlain Parkway EXIT ONLY	1	174	132		159.50																								SDS-2	
		1	174	114		137.75																								SDS-2	
25+08.0, LT (OVERHEAD)	7 SOUTH Shelburne / 189 TO 89 Montpelier St. Albans EXIT ONLY	1	168	132		154.00																								SDS-1	
		1	174	162		195.75																								SDS-2	
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."											LF LF LF			LF LF 28		LF EA			EA.	LB LB LB LB				EA.	EA.	LB.						
	TOTALS			SF 12.50	SF 1348.50	EA.	SF				LF			LF 28					EA.	LB				EA.	EA.	LB.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 24 (TSS-24)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 525 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375

TRAFFIC SIGN SUMMARY SHEET 25

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR STEEL • (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
														lb/ft					lb/ft					FTG. SIZE								
											1.12	2.0	3.0	1.88	2.42	3.35	ANCHOR	SLEEVE	FOUNDATION	7.6	9.0	10.8	14.6	24"	30"	WEIGHT	POST SIZE					
																				3.0	3.5	4.0	5.0								
SHELBURNE RD: 28+24.0, RT	ONE WAY / ONE WAY	1 1	54 54	18 18	6.75 6.75					2					X		X											BACK-TO-BACK	R6-IR R6-IL		
	DO NOT ENTER	1 1	36 36	36 36	9.00 9.00																							BACK-TO-BACK	R3-1 R5-1		
29+33.0, LT		1	36	36	9.00					2					X		X												R3-2		
30+81.0, RT (OVERHEAD)	7 NORTH Burlington	1	174	132		159.50																								SDS-2	
30+81.0, LT (OVERHEAD)	189 TO 89 Montpelier St. Albans EXIT 1/4 MILE / Champlain Parkway	1 1	174 174	156 120		188.50 145.00																								SDS-2 SDS-3	
QUEEN CITY PARK ROAD: OCP 41+00.0, LT	SPEED LIMIT 25	1	24	30	5.00					1					X		X												R2-1		
OCP41+50.0, RT	STOP	1	30	30	6.25					1					X		X												RI-1		
SHARED USE PATH: SP10+10.0, RT	NO MOTOR VEHICLES	1	24	24	4.00					1					X		X												R5-3		
				SF	SF	EA.	SF				LF	LF	LF	LF	LF 98	LF	EA			LB	LB	LB	LB	EA.	EA.	LB.					
	TOTALS			SF 55.75	SF 493.00	EA.	SF				LF			LF 98			EA.			LB				EA.	EA.	LB.					

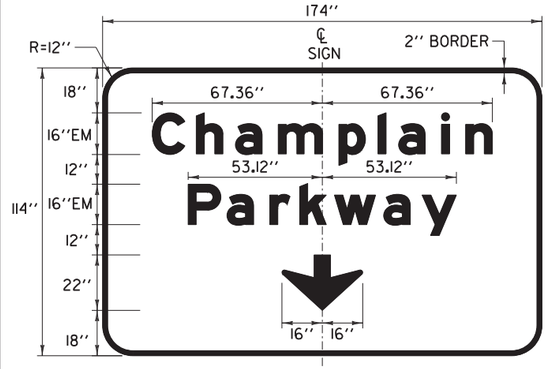
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(I)

FILE NAME: z87d078tss.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 25 (TSS-25)
PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 526 OF 993

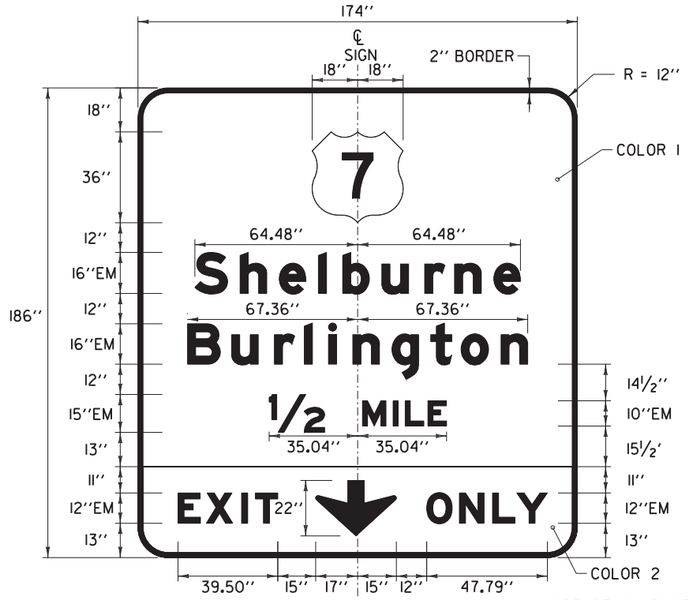
FILE NAME =U:\8659\870878\Consultants\z87d078tss.dgn
DATE/TIME =8/9/2019
USER =5375



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: STA I-189 WB 95+88.0, O/H
STA I-189 WB 111+60.0, O/H
STA I-189 WB 138+00.0, O/H



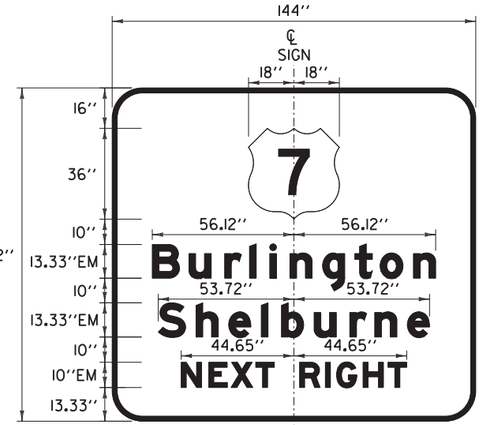
COLOR 1: WHITE BORDER & TEXT
GREEN BACKGROUND

COLOR 2: BLACK BORDER & TEXT
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: STA US ROUTE 7 111+60.0, O/H

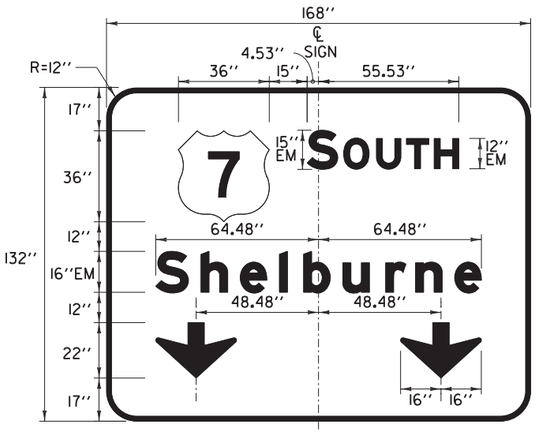
* INCREASE CHARACTER SPACING 40%



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

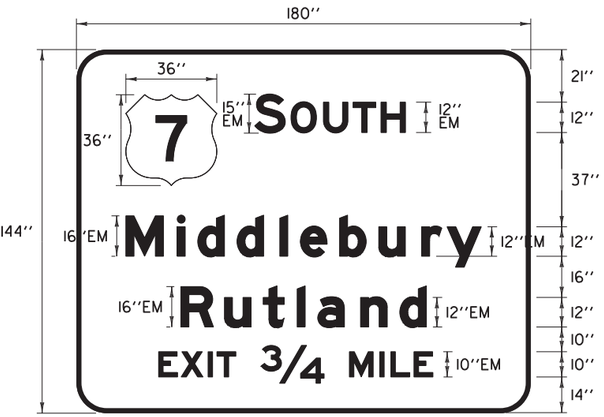
LOCATION: STA CHAMPLAIN PARKWAY 176+00.0, LT



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

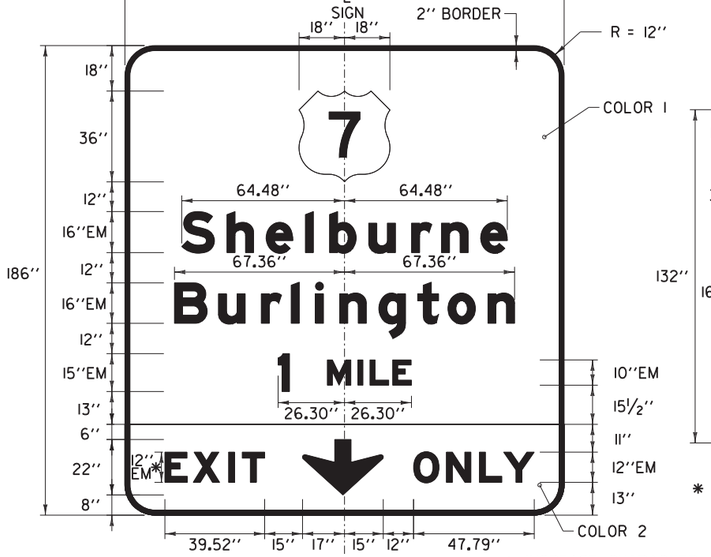
LOCATION: US ROUTE 7 STA 17+53.0, LT (O/H)
US ROUTE 7 STA 20+89.0, LT (O/H)
US ROUTE 7 STA 25+08.0, LT (O/H)



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: STA I-189 WB 103+75.0, RT



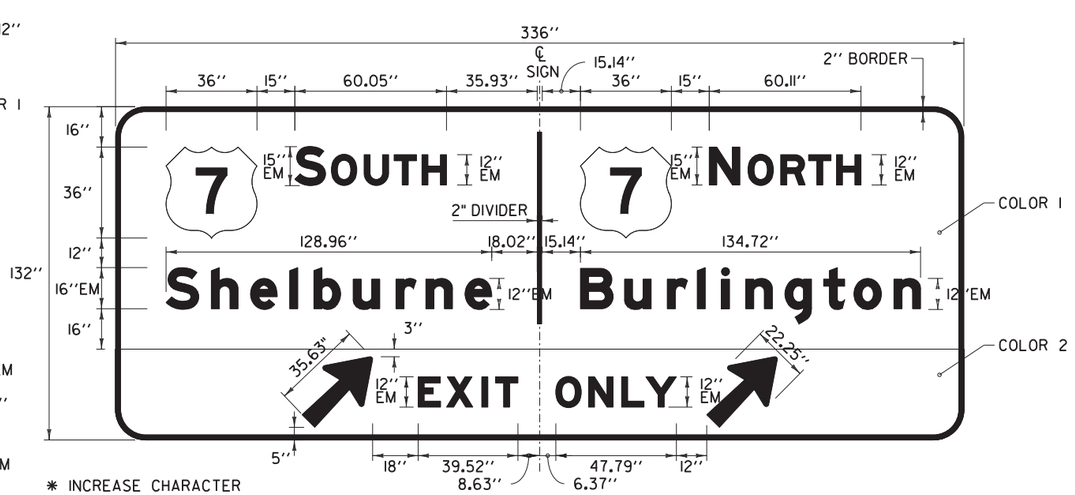
COLOR 1: WHITE BORDER & TEXT
GREEN BACKGROUND

COLOR 2: BLACK BORDER & TEXT
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: STA I-189 WB 95+88.0, O/H

* INCREASE CHARACTER SPACING 40%



* INCREASE CHARACTER SPACING 40%

COLOR 1: WHITE BORDER & TEXT
GREEN BACKGROUND

COLOR 2: BLACK BORDER & TEXT
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

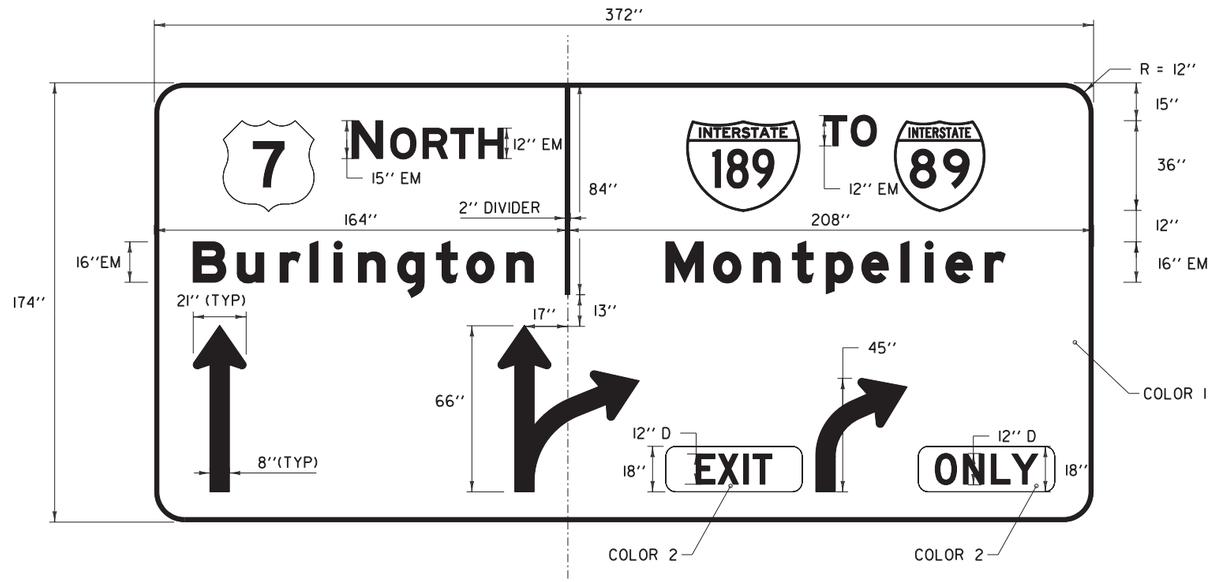
LOCATION: US ROUTE 7 STA 138+00.0, O/H

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078sds.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGN DETAIL SHEET 1 (SDS-1)	SHEET 564 OF 993

FILE NAME =U:\8659\870878\Consultants\z87d078sds.dgn
DATE/TIME =8/9/2019
USER =5375

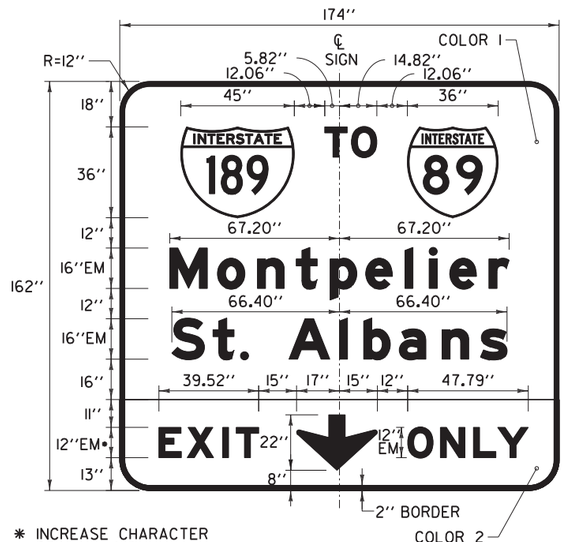


COLOR 1: WHITE BORDER & TEXT
GREEN BACKGROUND

COLOR 2: BLACK TEXT (NO BORDER)
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: US ROUTE 7 STA 17+53.0, RT (O/H)



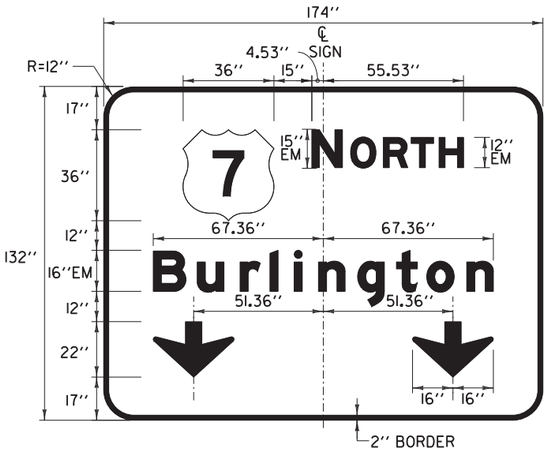
* INCREASE CHARACTER SPACING 40%

COLOR 1: WHITE BORDER & TEXT
GREEN BACKGROUND

COLOR 2: BLACK BORDER & TEXT
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

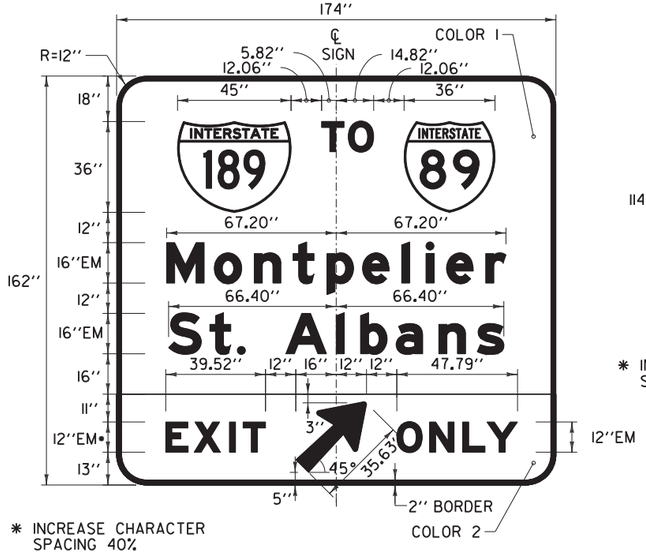
LOCATION: US ROUTE 7 STA 25+08.0, LT (O/H)



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

LOCATION: US ROUTE 7 STA 30+81.0, RT (O/H)
US ROUTE 7 STA 25+08.0, RT (O/H)



* INCREASE CHARACTER SPACING 40%

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GREEN BACKGROUND

COLOR 2: BLACK BORDER & TEXT
FLUORESCENT YELLOW BACKGROUND

MATERIAL: EXTRUDED ALUMINUM, TYPE IX SHEETING

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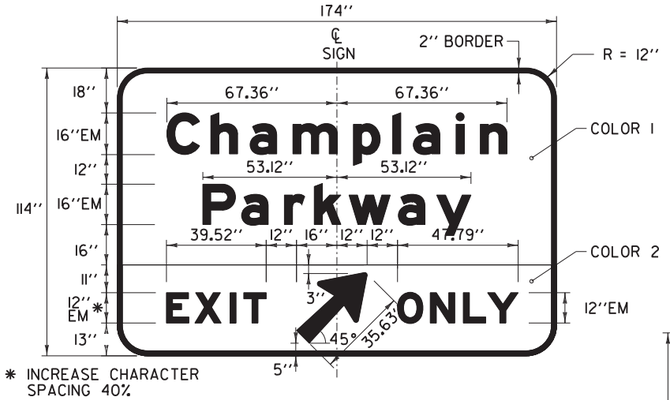
US ROUTE 7 STA 20+89.0, RT (O/H)



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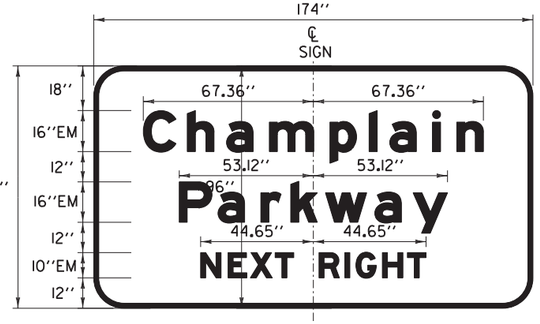

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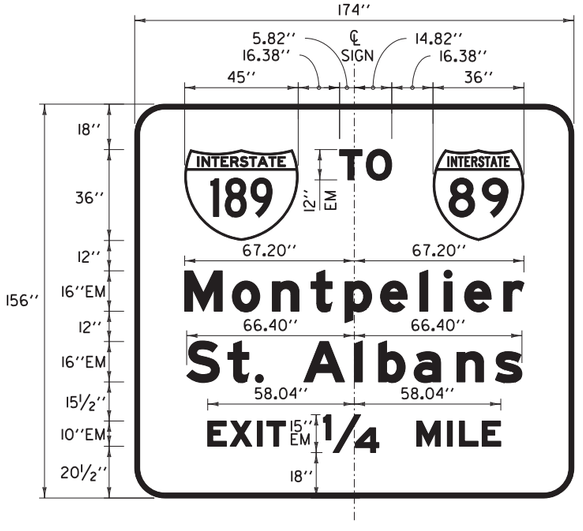

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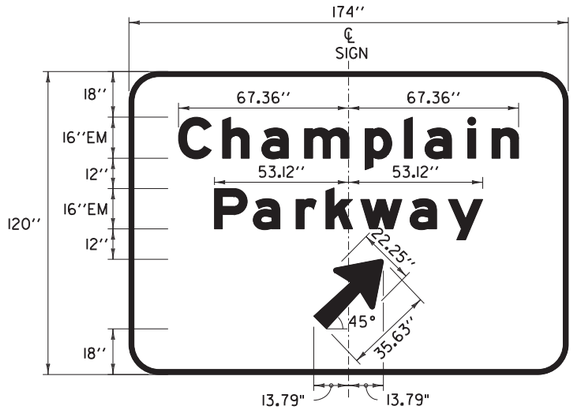
LOCATION: US ROUTE 7 STA 30+81.0, LT (O/H)

NOT TO SCALE

CHA

PROJECT NAME:	CHAMPLAIN PARKWAY
PROJECT NUMBER:	MEGC - M5000(1)
FILE NAME: z87d078sds.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGN DETAIL SHEET 2 (SDS-2)	SHEET 565 OF 993

FILE NAME =U:\9659\87D078\Consultants\z87d078sds.dgn
DATE/TIME = 8/9/2019
USER =5375



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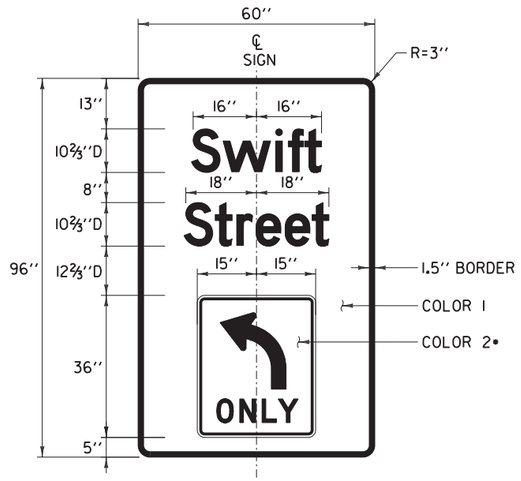

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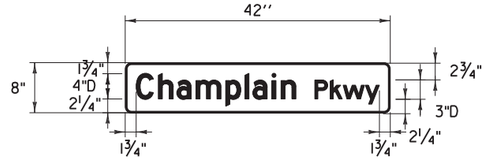
LOCATION: US ROUTE 7 STA 20+89.0, LT (O/H)

*SEE SIGN DESIGNATION R3-5 FOR SIGN DESIGN



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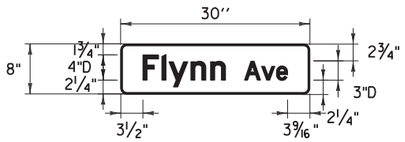
STA S 28+60.0, LT (DOUBLE SIDED)
STA LA 109+66.0, RT (DOUBLE SIDED)



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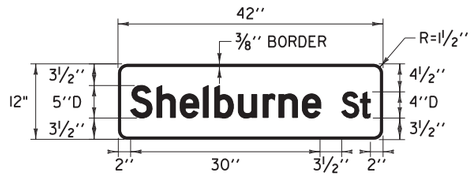

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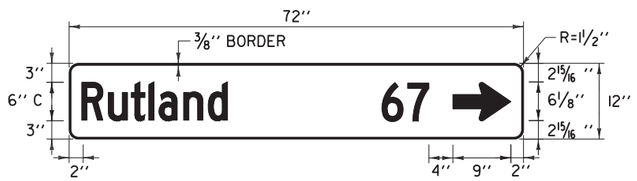
LOCATION: US ROUTE 7 STA 20+00.0, RT (DOUBLE SIDED)



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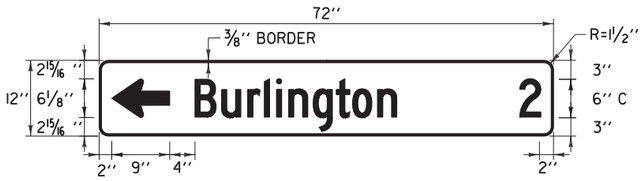
MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK,

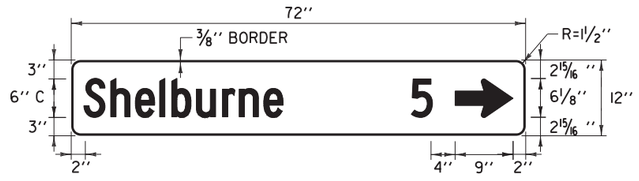
LOCATION: STA G 79+25.0, LT
STA G 79+25.0, RT



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK,

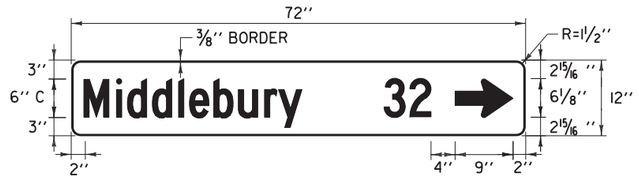
LOCATION: STA G 79+25.0, LT
STA G 79+25.0, RT



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK,

LOCATION: STA G 79+25.0, LT
STA G 79+25.0, RT



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LOCATION: STA G 79+25.0, LT
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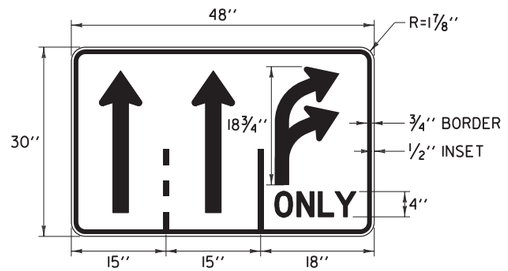

COLOR: BLACK BORDER & TEXT
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MATERIAL: SEE VAOT STANDARD E-145B

LOCATION: US ROUTE 7 STA 16+75.0, RT

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078sds.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGN DETAIL SHEET 3 (SDS-3)	SHEET 566 OF 993

FILE NAME =U:\855R\870078\Consultants\z87d078sds.dgn
DATE/TIME =8/9/2019
USER =5375

SIGN BRIDGE GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR CONSTRUCTION", DATED 2011, WITH CURRENT MODIFICATIONS.

2. OVERHEAD SIGN SUPPORTS SHALL CONFORM TO THE LATEST EDITION OF AASHTO'S PUBLICATION ENTITLED "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS".

3. ADDITIONAL DESIGN CRITERIA ARE AS FOLLOWS:

   CONCRETE (CLASS B) f'c= 3500 fc= 1400 PSI
   REINFORCING STEEL= 24000 PSI(GRADE 60)
   FOOTING SOIL PRESSURE : TO BE DETERMINED BY CONTRACTOR
   WIND LOAD AND ICE LOAD PER AASHTO STANDARD SPECIFICATIONS

4. ANCHOR BOLTS

   FOUR STAINLESS STEEL ANCHOR BOLTS WITH TWO HEXAGON NUTS, ONE WASHER AND ONE LOCK WASHER PER BOLT SHALL BE FURNISHED WITH EACH POLE. ANCHOR BOLT PLATES, WHEN USED, SHALL ALSO BE STAINLESS STEEL. SEE STANDARD SPECIFICATION SECTION 714.09.

5. FLANGE BOLTS

   ALL FLANGE BOLTS AND HEX NUTS SHALL BE HIGH STRENGTH STEEL AND SHALL CONFORM TO ASTM A325. THE FLANGE BOLTS SHALL BE CAPABLE OF RESISTING 133% OF THE FULL DESIGN STRESS OF THE TUBE AT ITS YIELD STRENGTH STRESS.

6. HORIZONTAL AND VERTICAL MEMBERS

   STEEL TUBES SHALL BE FORMED AND WELDED WITH ONE CONTINUOUS LONGITUDINAL WELD ONLY. AFTER FORMING AND WELDING THEY SHALL BE COLD ROLLED TO ENSURE UNIFORMITY OF SIZE AND SMOOTHNESS OF WELD. THEY SHALL HAVE A MINIMUM YIELD STRENGTH OF 48,000 PSI. THERE SHALL BE NO TRANSVERSE WELDING EXCEPT AT THE FLANGE CONNECTIONS AND POLE BASE PLATES, WHERE THE TUBES SHALL TELESCOPE THE FLANGES AND PLATES AND BE CONTINUOUSLY WELDED BOTH SIDES INSIDE AND OUT TO WITHSTAND THE FULL TRANSFER OF THE BENDING STRENGTH TO THE BOLTS

7. GALVANIZING

   ALL STEEL COMPONENTS, EXCEPT CONCRETE REINFORCING AND STAINLESS STEEL HARDWARE, ARE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. THE ASSEMBLIES SHALL BE DESIGNED AND FABRICATED TO PERMIT GALVANIZING ON ALL INTERIOR AND EXTERIOR SURFACES AND SHALL BE FREE OF POCKETS AND OTHER STRUCTURAL OBSTRUCTIONS THAT WILL NOT PERMIT PROPER DEPOSITION OF ZINC COATING. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 AND A153.

8. WELDING

   A. ALL DESIGN DETAILS, WORKMANSHIP, PROCEDURES AND INSPECTION SHALL CONFORM WITH STANDARD SPECIFICATION 506.10.
   B. ALL WELDS SHALL BE AT LEAST AS STRONG AS THE MATERIAL(S) BEING WELDED.

9. FOOTINGS

   A. FOOTINGS SHALL BE DESIGNED TO RESIST LOADS EQUAL TO, OR GREATER THAN, THE MAXIMUM LOADS THAT THE POLE IS DESIGNED FOR.

   B. FOUR TYPES OF FOUNDATIONS, AS OUTLINED IN SECTION 13.10F AASHTO "STANDARD SPECIFICATIONS" SHALL BE ALLOWED.
      1. DRILLED SHAFTS
      2. SPREAD FOOTINGS
      3. PILES
      4. SCREW-IN HELIXES

   C. DRILLED SHAFT FOOTINGS SHALL BE PLACED IN DRILLED SHAFTS AGAINST UNDISTURBED MATERIAL. THE TOP TWO FEET OF SOIL SHALL BE NEGLECTED FOR DESIGN PURPOSES.

   D. THE FOLLOWING DESIGN CRITERIA SHALL BE USED:
      1. FRICTION ANGLE TO BE DETERMINED BY CONTRACTOR.
      2. DESIGN EMBEDMENT DEPTH IN ACCORDANCE WITH BROM'S METHOD (SECTION 13.6.1.1AASHTO "STANDARD SPECIFICATIONS") WITH 0.7 FOR UNDER CAPACITY FACTOR AND 2.5 FOR OVERLOAD FACTOR (OVERALL FACTOR OF SAFETY OF 3.5).
      3. ASSUME EFFECTIVE UNIT WEIGHT OF 48 PCF FOR ALL SOILS EXCEPT LOOSE SILTS AND SOFT CLAYS.

   E. AS AN ALTERNATIVE TO THE DRILLED SHAFTS, FOOTINGS MAY BE PLACED IN EXCAVATED HOLES USING THE PROPER FORMS, WHICH MUST BE REMOVED. THE EXCAVATED HOLES SHALL BE AT LEAST TWO FEET CLEAR OF THE FOOTING SIDES AND ONE FOOT DEEPER THAN THE FOOTING. CARE SHALL BE TAKEN TO AVOID EXCAVATING AROUND THE TOP OF THE FOOTING. THE BACKFILL MATERIAL SHALL BE COMPACTED AS DESCRIBED IN STANDARD SPECIFICATION 204.08. DESIGN LIMITS FOR AUGERED FOOTING APPLY.

   F. WHEN THE DESIGN DEPTH OF A FOOTING CANNOT BE OBTAINED DUE TO UNFORESEEN FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OBTAIN A REVISED FOOTING DETAIL FROM THE ENGINEER.

   G. ANY BACKFILL PLACED ADJACENT TO THE FOOTING SHALL BE GRANULAR MATERIAL MEETING THE REQUIREMENTS FOR GRANULAR BACKFILL FOR STRUCTURES, STANDARD SPECIFICATION 704.08. CONCRETE FOR FOOTING SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE, CLASS B, SECTION 501, STRUCTURAL CONCRETE. GROUT MATERIAL SHALL BE NON SHRINKING MORTAR CONFORMING TO STANDARD SPECIFICATION 707.03 (MORTAR TYPE IV).

   H. SIGNS SHALL BE INSTALLED AND LEVELED AND POLES SHALL BE PLUMB PRIOR TO PLACING GROUT UNDER POLE BASE.

10. SHOP DRAWINGS (6 COPIES OF EACH) SHALL BE SUBMITTED TO THE STATE OF VERMONT, AGENCY OF TRANSPORTATION, STRUCTURES DIVISION FOR APPROVAL PRIOR TO FABRICATION. THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING INFORMATION:

    A. DETAILED DRAWING OF EACH COMPONENT OF THE STRUCTURE.

    B. MATERIAL SPECIFICATION FOR EACH COMPONENT OF THE STRUCTURE, EITHER BY COMPLETE SPECIFICATION OR REFERENCE TO APPLICABLE ASTM STANDARDS.

    C. NOTATION OF PROJECT NAME, PROJECT NUMBER, ROUTE NUMBER, AND STRUCTURE STATIONING (TO BE INCLUDED ON EACH SHEET).

    D. DETAILS FOR LOCATION OF SIGNS AND ATTACHMENT HARDWARE FOR THE SUPPORT STRUCTURE.

    E. ALL ELEVATIONS AND DIMENSIONS NECESSARY TO PROVIDE A COMPLETE SET OF RECORD PLANS.

    F. DEAD LOAD DEFLECTION AND CAMBER INFORMATION.

    G. WELDING DETAILS AND PROCEDURES ARE REQUIRED FOR ALL WELDS. PROCEDURES SHALL BE SUBMITTED FOR APPROVAL WITH REFERENCE TO EACH WELD IDENTIFIED ON THE SHOP DRAWINGS. (SEE STANDARD SPECIFICATION 506.10)

11. EACH OVERHEAD TRAFFIC SIGN SUPPORT SHALL BE GROUNDED.

    THE GROUND SHALL CONSIST OF:

    A. AN INTERNAL GROUND LUG OPPOSITE THE HAND HOLE.

    B. A #6 (MIN.) SOFT DRAWN COPPER GROUNDING ELECTRODE CONDUCTOR.

    C. A 5/8" X 8' (MIN.) COPPER CLAD GROUNDING ELECTRODE. THE RESISTANCE TO GROUND SHALL BE 25 OHMS OR LESS. ADDITIONAL GROUNDING ELECTRODES MAY BE REQUIRED (MINIMUM SPACING SHALL BE 6').

    WHEN A POWER SERVICE, METER AND DISCONNECT ARE ATTACHED TO A POLE, THERE SHALL BE A CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE METER AND DISCONNECT WHICH MAY RUN INTERNAL TO THE UPRIGHT, THROUGH THE 1/2" FLEXIBLE TUBING IN THE CONCRETE BASE TO THE REQUIRED GROUNDING ELECTRODE(S). THE GROUNDING ELECTRODE CONDUCTOR FROM THE POLE GROUNDING LUG, CONTROLLER CABINET AND/OR LUMINAIRE MAY ATTACH TO THIS CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT. THE CONTRACTOR SHALL PERFORM A RESISTANCE TO GROUND TEST ON THE CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT AND PROVIDE A WRITTEN STATEMENT TO THE AREA ELECTRICAL INSPECTOR THAT THE GROUNDING ELECTRODE CONDUCTOR IS CONTINUOUS FROM THE SERVICE METER AND DISCONNECT AND THE RESISTANCE TO GROUND IS 25 OHMS OR LESS.

12. THE COST OF SIGN SUPPORTS, INCLUDING ALL HARDWARE, SIGN BRACKETS, FOOTINGS AND LUMINAIRE ARMS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 677.13, OVERHEAD TRAFFIC SIGN SUPPORT, MULTI-SUPPORT. THESE COMPONENTS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF SECTION 677.

13. HORIZONTAL MEMBERS SHALL BE CAMBERED AND THE VERTICAL POLES BACK-RAKED (WHERE APPLICABLE) TO THE ANTICIPATED DEAD LOAD DEFLECTION PLUS THE CAMBER, IF ANY, AS SPECIFIED ON THE PLANS.

14. AN EQUIVALENT ALTERNATE DESIGN MAY BE SUBSTITUTED FOR THE DETAILS AND MATERIALS SHOWN.

15. THE DETAILS OF DESIGN FOR THE STRUCTURE AND FOOTINGS ARE TO BE SUPPLIED BY THE CONTRACTOR AND/OR BY THE MANUFACTURER. THE STRUCTURE SHALL BE DESIGNED TO RESIST THE MAXIMUM LOADING AS OUTLINED IN THE AASHTO "STANDARD SPECIFICATIONS". ALL DETAILS OF THE STRUCTURE AND THE FOOTING SHALL BE CHECKED AND STAMPED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF VERMONT PRIOR TO SUBMITTAL OF THE SHOP DRAWINGS TO THE VERMONT AGENCY OF TRANSPORTATION.

16. IN ADDITION TO THE SHOP DRAWINGS OUTLINED IN NOTE 10, THE CONTRACTOR SHALL SUBMIT ALL DESIGN CALCULATIONS TO THE VERMONT AGENCY OF TRANSPORTATION, STRUCTURES DIVISION, SHOWING THE FOLLOWING INFORMATION FOR EACH OF THE VERTICAL AND HORIZONTAL COMPONENTS OF THE STRUCTURE AND FOOTING:

    A. THE DESIGN AXIAL AND SHEAR FORCES AND BENDING AND TORSIONAL MOMENTS.

    B. THE DESIGN AXIAL, BENDING AND SHEAR STRESSES AND THE COMBINED STRESS RATIO.

    C. VIBRATION AND FATIGUE CALCULATIONS AS SET FORTH IN SECTION 11OF THE AASHTO "STANDARD SPECIFICATIONS".

    D. THE ALLOWABLE AXIAL, BENDING, AND SHEAR STRESSES.

    E. ITEMS A, B, AND D SHALL BE SHOWN FOR EACH OF THE GROUP LOADINGS (I,II,III) AND FOR THE BASIC WIND LOAD APPLIED TO THE TWO CASES OUTLINED IN SECTION 3.8.3-1OF THE AASHTO "STANDARD SPECIFICATIONS".

    F. FAILURE TO SUPPLY THE PROPER DESIGN INFORMATION SHALL BE CAUSE FOR REJECTION OF THE STRUCTURE.

    G. A MINIMUM OF FOUR (4) WEEKS SHALL BE REQUIRED FOR REVIEW BY THE VERMONT AGENCY OF TRANSPORTATION, STRUCTURES DIVISION.

17. FOR INSTALLATIONS WHERE BOTH "EXISTING" AND "FUTURE" CONDITIONS ARE SHOWN, THE SUPPORTS SHALL BE DESIGNED FOR THE MORE SEVERE OF THE TWO LOADING CONDITIONS. THE INFORMATION OUTLINED IN NOTE 16 ABOVE SHALL BE PROVIDED FOR BOTH THE LOADING CONDITIONS.

18. BASE PLATES SHALL BE STAMPED WITH THE VERTICAL POLE DIAMETER, HEIGHT, YIELD STRENGTH, AND GAUGE. THE HORIZONTAL MEMBER SHALL BE STAMPED WITH DIAMETER, LENGTH, YIELD STRENGTH, AND GAUGE. ALTERNATELY, THE INFORMATION MAY BE STAMPED ON A METAL TAG RIVETED TO THE POLE NEAR THE HAND HOLE.

FILE NAME =U:\8659\870878\Consultants\z87d078ohs.dgn
DATE/TIME =8/9/2019
USER =5375

PROJECT NAME:	CHAMPLAIN PARKWAY
PROJECT NUMBER:	MEGC - M5000(1)
FILE NAME: z87d078ohs.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
OVERHEAD SIGN DETAIL 1 (OHS-1)	SHEET 571 OF 993

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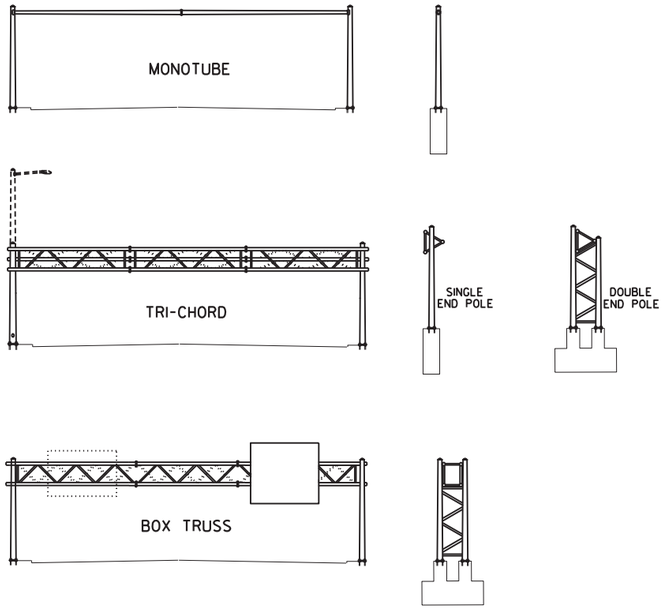
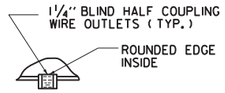
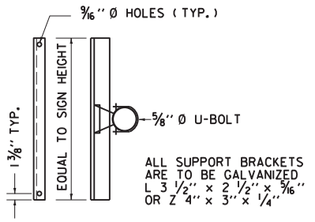


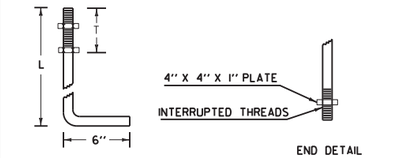


DETAIL A

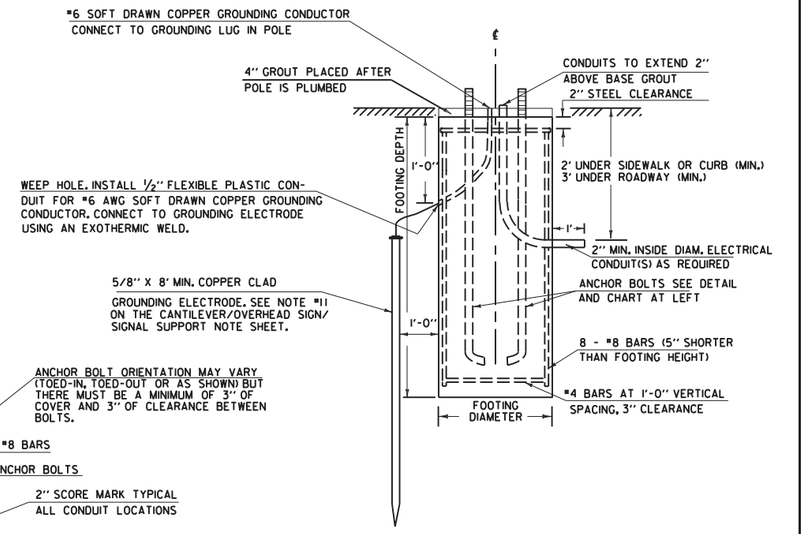


SIGN BRACKET DETAILS

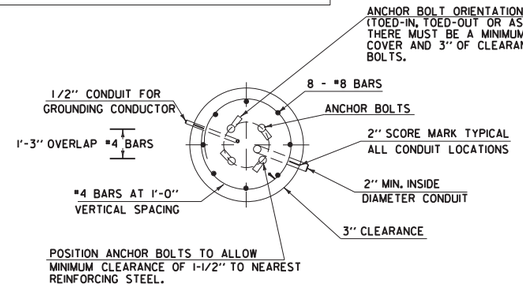
ANCHOR BOLT DETAIL		
SIZE	L (IN)	T (IN)
1- 1/4" X 48"	42	8
1- 1/2" X 60"	54	9
1- 3/4" X 90"	84	9
2" X 96"	96	9



ANCHOR BOLT DETAIL



ELEVATION



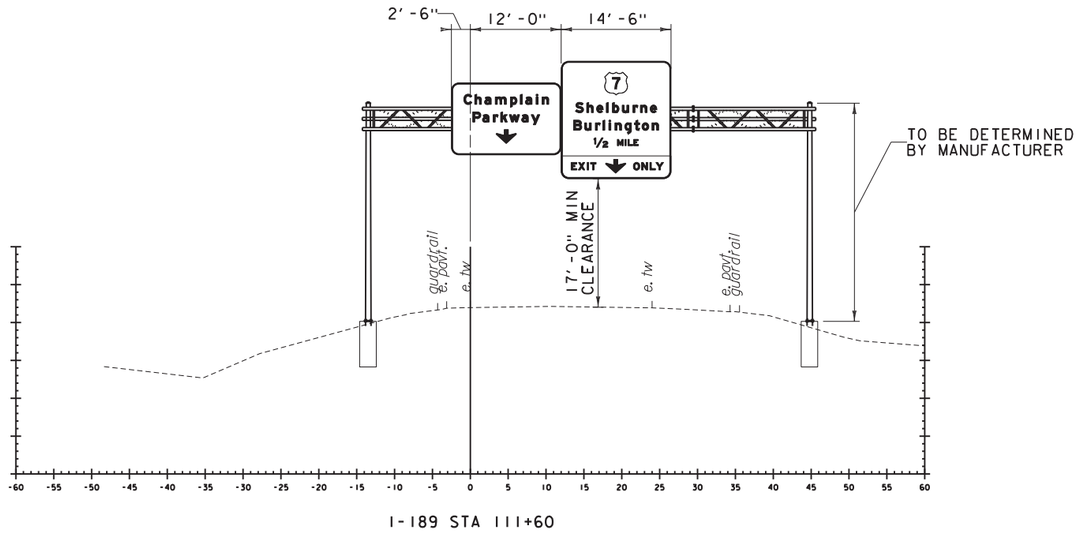
SECTION

OVERHEAD TRAFFIC SIGN BRIDGE FOOTING DETAIL

(SPREAD FOOTINGS OR PILES ARE OPTIONAL)

USED FOR CONDUIT LOCATION, SEE SECTION DETAIL AT LEFT

2" SCORE MARK DETAIL

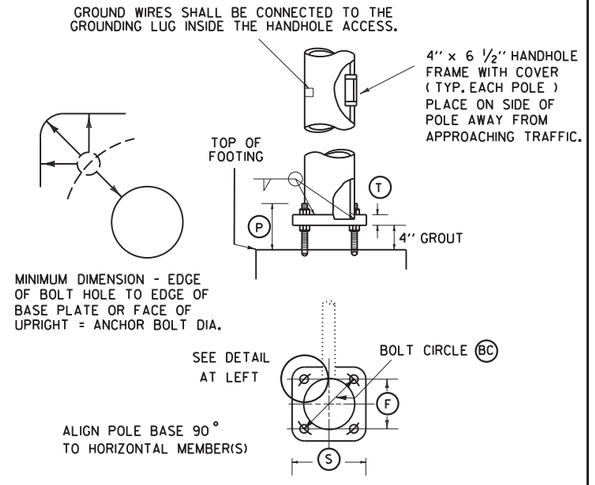


I-189 STA 111+60

OVERHEAD SIGN BRIDGE CROSS SECTION

NOTES:

1. SEE CANTILEVER / OVERHEAD SIGN / SIGNAL SUPPORTS NOTE SHEET FOR ADDITIONAL INFORMATION.
2. MANUFACTURER TO DETERMINE TYPE OF STRUCTURE REQUIRED.
3. MONOTUBES SHALL NOT BE USED FOR SIGNS OVER 10' IN HEIGHT.
4. STREET LIGHTING IS OPTIONAL. SEE PLAN SHEETS OR SECTION.
5. MINIMUM CLEARANCE FROM SIGNS TO ROADWAY IS 17'.



POLE BASE AND BASE PLATE DETAIL

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078ohs.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
OVERHEAD SIGN DETAIL 2 (OHS-2)	SHEET 572 OF 993

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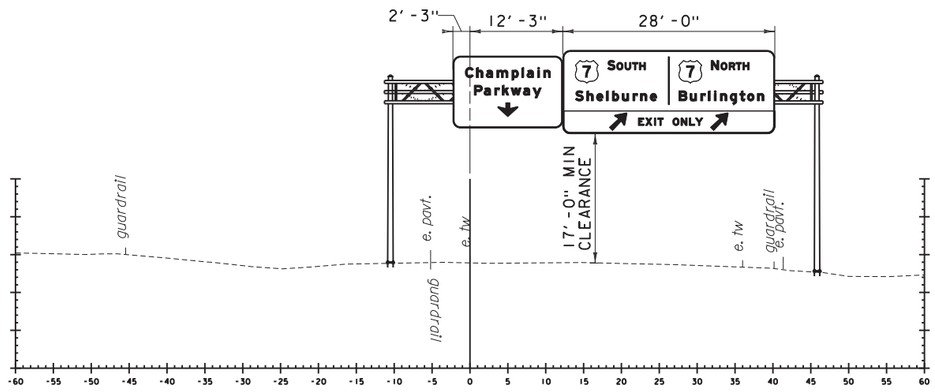
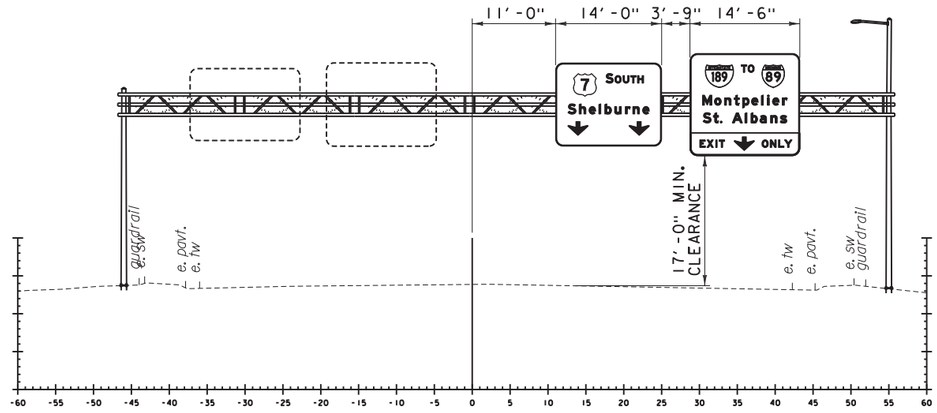
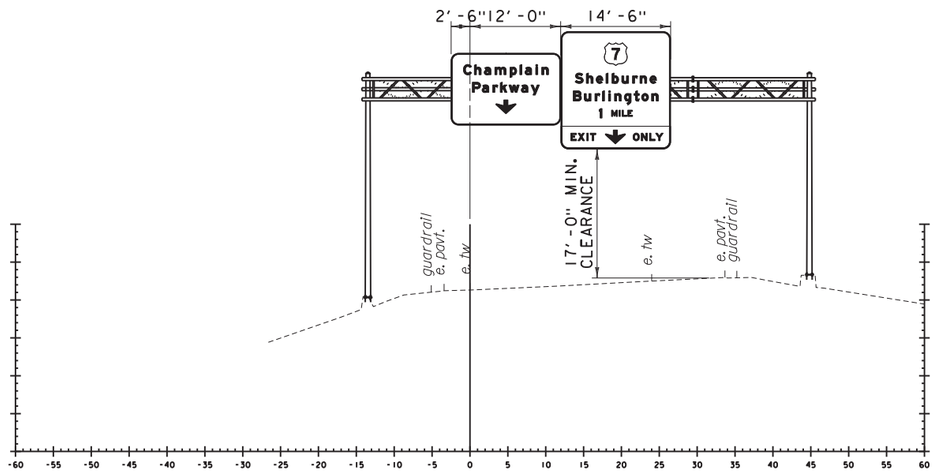
FILE NAME =U:\8659\870878\Consultants\z87d078ohs.dgn
DATE/TIME = 8/9/2019
USER =5375



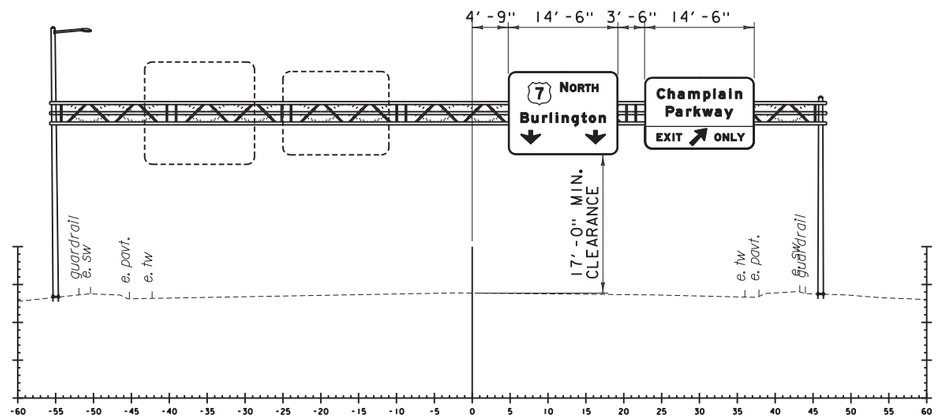
I-189 STA 138+00



US ROUTE 7 STA 25+08 SB



I-189 STA 95+88



US ROUTE 7 STA 25+08 NB

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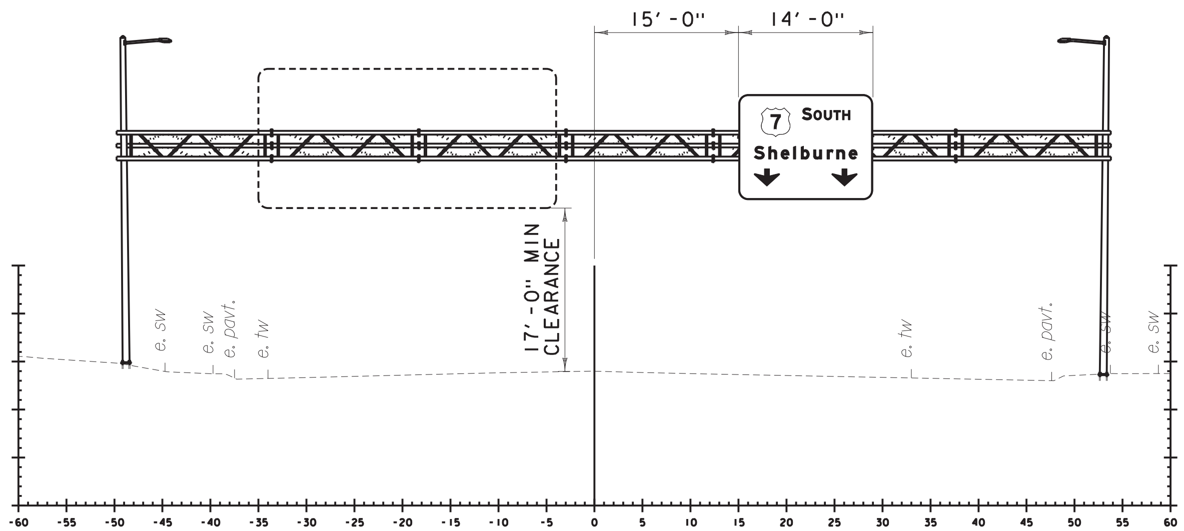
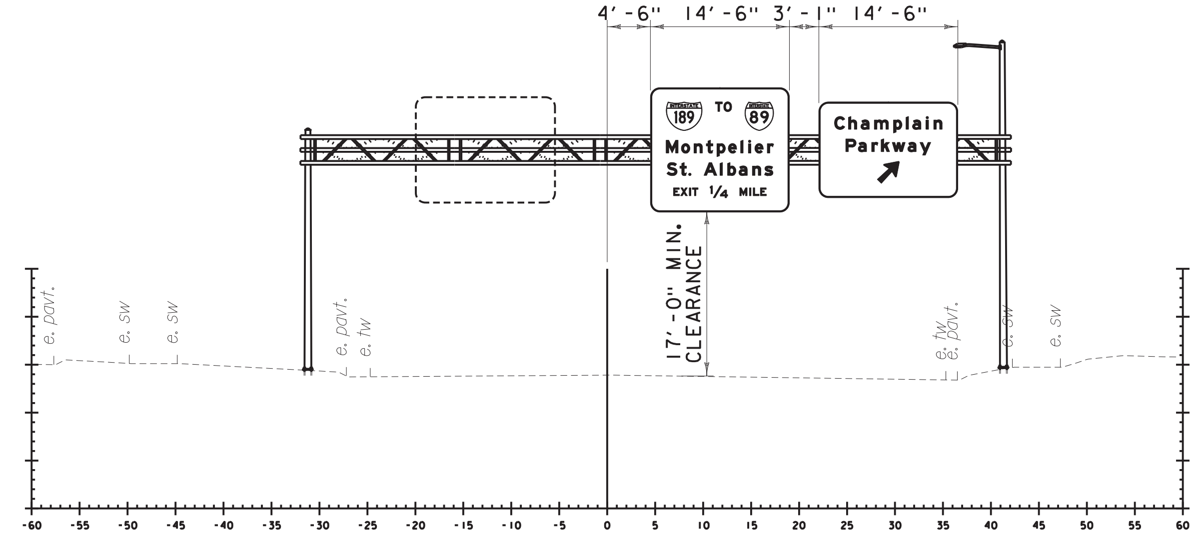
DATE/TIME = 8/9/2019
USER =5375

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078ohs.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
OVERHEAD SIGN DETAIL 3 (OHS-3)	SHEET 573 OF 993

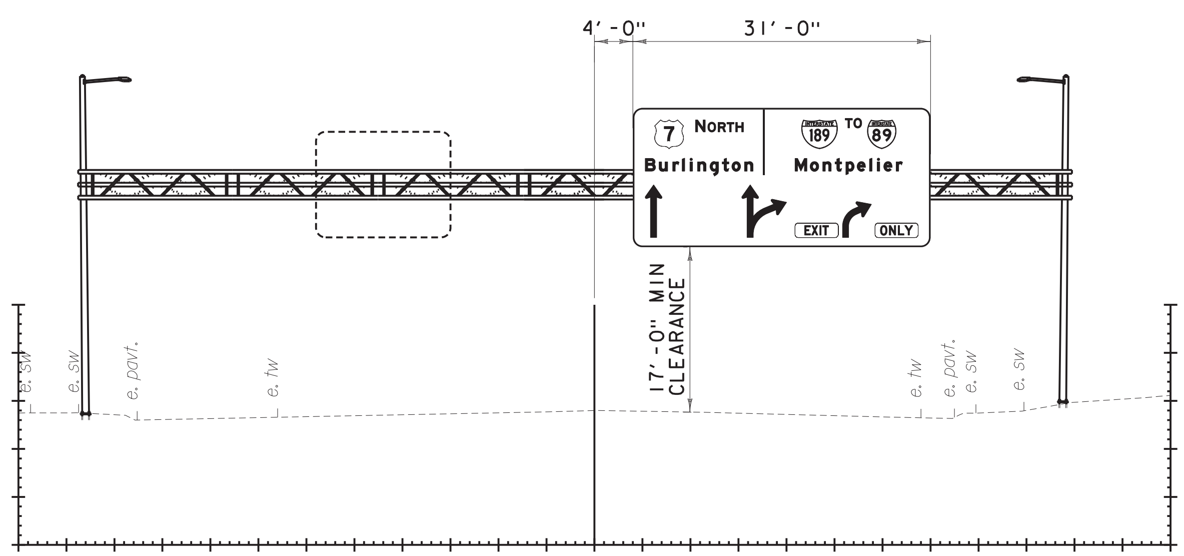
CHA



US ROUTE 7 STA 17+53 SB



US ROUTE 7 STA 30+81 SB



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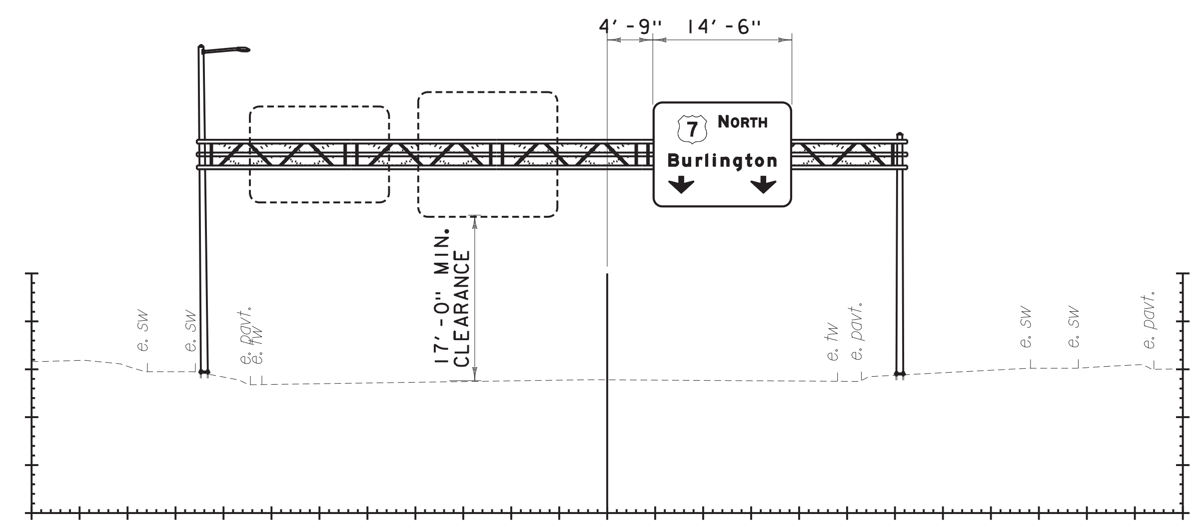

US ROUTE 7 STA 30+81 NB

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DATE/TIME =8/9/2019

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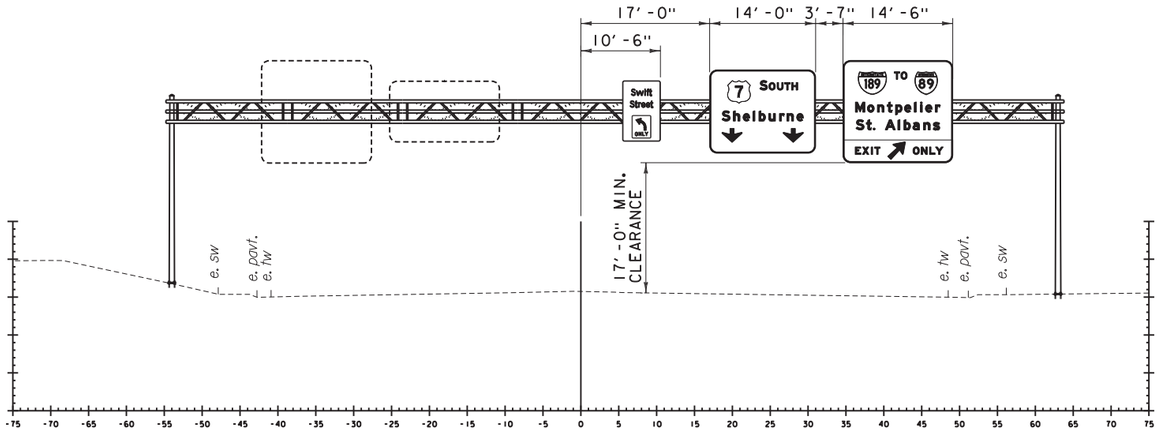
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1)	
FILE NAME: z87d078ohs.dgn	PLOT DATE: 8/9/2019
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
OVERHEAD SIGN DETAIL 4 (OHS-4)	SHEET 574 OF 993



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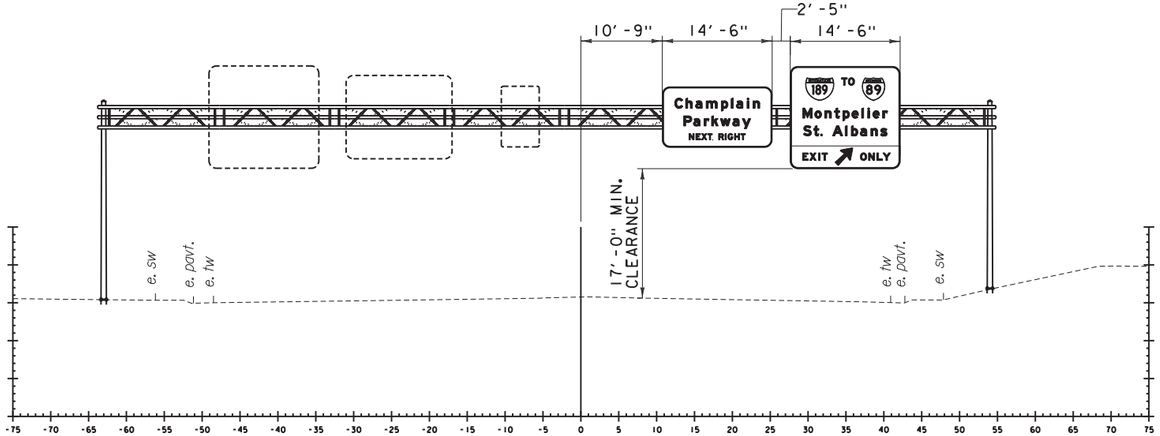

US ROUTE 7 STA 20+89 NB

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USER =5375

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078ohs.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
OVERHEAD SIGN DETAIL 5 (OHS-5)

PLOT DATE: 8/9/2019
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 575 OF 993