

KUBRICKY CONSTRUCTION CORP.
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Rutland City BRF 3000 (2014036)
SUBMITTAL 77.1

Issued 12/11/15
Respond by 12/18/15

To

Timothy Pockette, PE

Topic BRF3000 Subm 77.1 (19) BR17 Ripley Road Traffic Control Plan Revised Per Comments
Status For Approval

Message Tim,
Please see attached BRF3000 Submittal 77.1 (19) BR17 Ripley Road Traffic Control Plan Revised Per Comments by VAOT on the previously returned submittal.

Thanks,
Mike

Courtesy Copy

Volker H.D. Burkowski

From

Mike Martin

Signed by

Date

Proceed as Indicated

Owner Authorized Representative

Date



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REVISIONS

DATE	COMMENTS	BY
12/11/15	Revised per VAOT Comments	MCM

RUTLAND CITY
BRF 3000 (19)

**TRAFFIC CONTROL PLAN 1
GENERAL NOTES AND NARRATIVE**

CITY OF RUTLAND, VERMONT

Project #	---
Project Mgr.	TPK
Design by	TPK
Drawn by	TPK
Reviewed by	NRJ
Approved by	TPK
Date	OCTOBER 26, 2015
Scale	AS SHOWN

TC1

NOTES:

- I. SEE VTRANS STD. T-10 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
2. TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VTRANS STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED AS DIRECTED BY THE ENGINEER AND IN COMPLIANCE WITH THE MUTCD. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE) CONTRACT ITEM.
6. PAYMENT FOR ALL CONSTRUCTION, FLAGGER AND LANE CLOSURE SIGNING AND CONES WILL BE MADE UNDER THE APPROPRIATE 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE) CONTRACT ITEM.
7. CONES SHALL BE USED FOR DELINEATING THE TRAVEL SPACE ALONG THE TANGENT FOR THE ENTIRE LENGTH OF ANY LANE CLOSURE.
8. FLAGGER STATIONS SHALL BE A MAXIMUM OF 500 FEET FROM THE FLAGGER AHEAD SIGN. WHEN FLAGGER STATIONS ARE MOVED BEYOND THIS DISTANCE, THE FLAGGER AHEAD SIGN SHALL BE MOVED ACCORDINGLY.
9. FLAGGER AHEAD SIGNS SHALL BE TURNED OR REMOVED WHEN FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.
10. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.
- II. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
12. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCED NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
13. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.
14. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
15. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND A TPAR HAVE BEEN PROVIDED.
16. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR PROVIDING AND IMPLEMENTING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT THE APPROPRIATE 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE) CONTRACT ITEM.

TRAFFIC CONTROL NARRATIVE:

1. PHASE 1 – SUBSTRUCTURE WORK:
 - A. MAINTAIN TRAFFIC IN CURRENT PATTERN. ALL WORK TO REMAIN IN NEW BRIDGE ALIGNMENT AND OUT OF TRAFFIC.
 - B. INSTALL CONSTRUCTION SIGNS AS SHOWN ON FIGURE TC2.
 - C. INSTALL TEMPORARY TRAFFIC BARRIER AND ENERGY ABSORPTION ATTENUATOR PRIOR TO STARTING WORK AT ABUTMENT 2 AS SHOWN ON FIGURE TC3.
2. PHASE 2 – WINTER SHUT DOWN:
 - A. COVER CONSTRUCTION SIGNS.
 - B. LEAVE W3-3 AND W20-4 SIGNS UNCOVERED (TRAFFIC SIGNAL SIGNS).
3. PHASE 3 – SUPERSTRUCTURE WORK AND RIPLEY ROAD UTILITIES AND RECONSTRUCTION:
 - A. INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS AS SHOWN ON FIGURE TC2
 - B. CLOSE RIPLEY ROAD BRIDGE AND DETOUR TRAFFIC (DETOUR SIGNS BY THE CITY OF RUTLAND – FIGURE TC4). MAINTAIN LOCAL ACCESS TO BUSINESSES ON RIPLEY AS SHOWN ON FIGURE TC4.
 - C. REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL ON CLEMENT AND DORR. RETURN TEMPORARY SIGNAL TO THE CITY OF RUTLAND. REMOVE W3-3 AND W20-4 SIGNS **AS SHOWN ON TC-2**.
 - D. SHORT TERM CLOSURE OF CLEMENT/DORR UNDER CONTROL OF FLAGGERS DURING STEEL ERECTION AS SHOWN ON FIGURE TC5.
4. PHASE 4 – CLEMENT & DORR UTILITIES, RECONSTRUCTION AND DEMOLITION OF EXISTING STRUCTURE:
 - A. RIPLEY REMAINS CLOSED.
 - B. RECONSTRUCTION OF CLEMENT/DORR USE FLAGGERS AND/OR TEMPORARY TRAFFIC SIGNAL AS SHOWN ON FIGURE TC5 (FLAGGERS) AND FIGURE TC6 (TEMPORARY TRAFFIC SIGNAL).
 - C. SHORT TERM CLOSURE OF CLEMENT/DORR UNDER CONTROL OF FLAGGERS DURING SUPERSTRUCTURE REMOVAL AS SHOWN ON FIGURE TC5.

COMPOSITE DETOUR NOTES	PROJECT NAME: RUTLAND CITY	PLOT DATE: 6/30/2014
	PROJECT NUMBER: BRF 3000(19) & BRF 3000(16)	DRAWN BY: D.M.D.
	PROJECT LEADER: M.D.S.	CHECKED BY: P.M.P.
	DESIGNED BY: D.M.D.	SHEET 14 OF 245
	DWG. NO.: CMPDN-1	

NOTES:

1. BASE PLAN IS FROM RUTLAND CITY BRF 3000 (19) PLANS BY VAOT DATED 6/30/2014.

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	12/11/15	Revised per VAOT Comments	MCM

RUTLAND CITY
BRF 3000 (19)

**TRAFFIC CONTROL PLAN 2
CONSTRUCTION SIGNS**

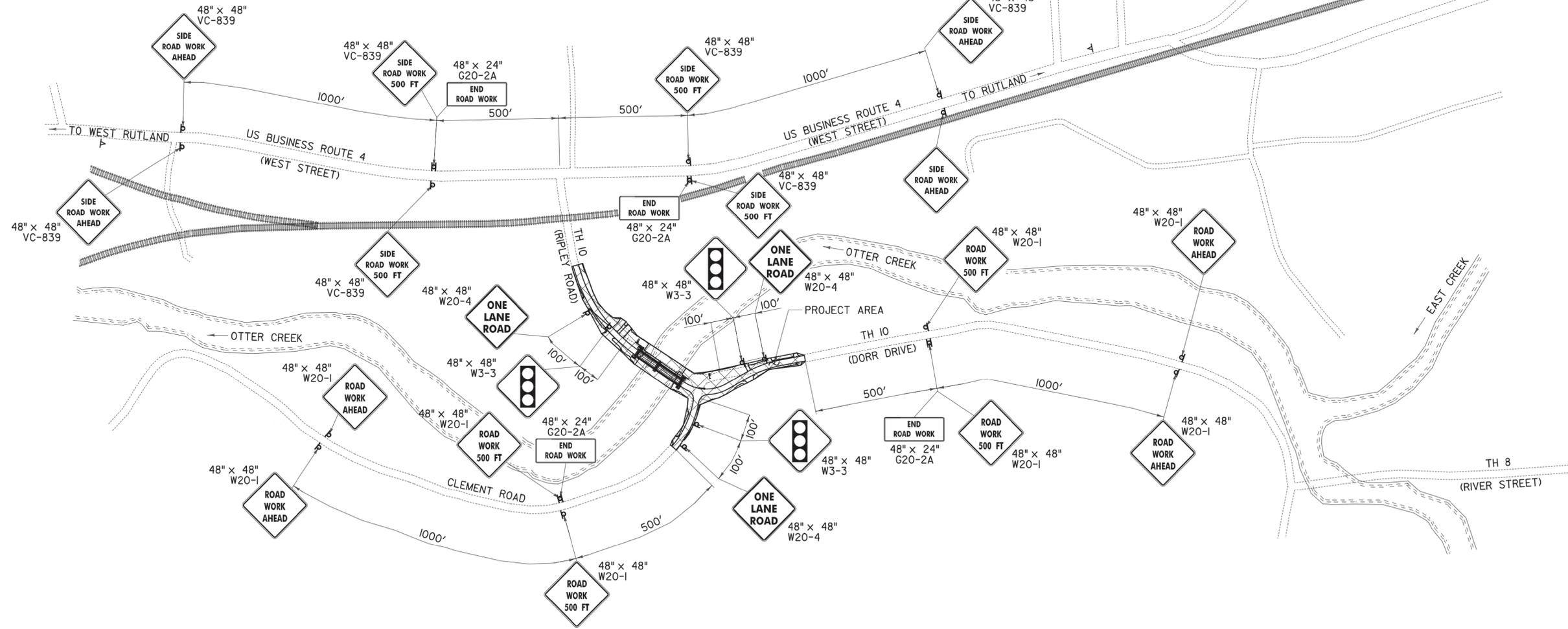
CITY OF RUTLAND, VERMONT

Project #	---
Project Mgr.	TPK
Design by	TPK
Drawn by	TPK
Reviewed by	NRJ
Approved by	TPK
Date	OCTOBER 26, 2015
Scale	AS SHOWN

TC2

NOTES:

- ALL DISTANCES SHOWN ARE DESIRABLE MINIMUMS. FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT OF CONSTRUCTION SIGNS. SEE VTRANS' STD. T-10 FOR ADDITIONAL SIGN PLACEMENT DETAILS. PROPOSED CONSTRUCTION SIGNS SHALL NOT INTERFERE WITH THE SIGHT LINES TO EXISTING SIGNS. PROPOSED SIGNS SHALL BE LOCATED A MINIMUM OF 100 FEET FROM THE NEAREST EXISTING OR PROPOSED SIGN. EXACT SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- SEE TEMPORARY TRAFFIC SIGNAL PLAN, SHEET 42, FOR FURTHER DETAILS WITHIN THE PROJECT AREA.
- CONSTRUCTION SIGNING AND ALL TEMPORARY TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VTRANS' STANDARDS.
- CONSTRUCTION SIGNS SHALL BE OF THE SIZES SHOWN ON THE PLAN WITH BLACK LEGENDS ON FLUORESCENT ORANGE BACKGROUNDS. LEAD SIGN (W20-1) SHALL BE ASTM D4956 TYPE VIII FLUORESCENT ORANGE SHEET.
- PAYMENT FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE) (BR 17).
- ALL SIGN STANDS AND POST INSTALLATIONS SHALL BE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT (NCHRP) 350 COMPLIANT.
- THE CONTRACTOR SHALL COVER OR REMOVE ANY SIGNS THAT CONTRADICT TEMPORARY TRAFFIC CONTROL SIGNS. ALL SIGNS REMOVED OR COVERED BY THE CONTRACTOR SHALL BE REPLACED OR UNCOVERED BY THE CONTRACTOR WHEN THE TRAFFIC CONTROL PLAN IS DISASSEMBLED. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE) (BR 17). ANY DAMAGE TO EXISTING SIGNS BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION.
- W3-3 AND W20-4 SIGNS ARE ASSOCIATED WITH THE TEMPORARY TRAFFIC SIGNAL. THEY SHALL BE INSTALLED UPON PROJECT MOBILIZATION AND MAY BE REMOVED ONCE THE TEMPORARY TRAFFIC SIGNAL HAS BEEN REMOVED FROM SERVICE OR AT THE DIRECTION OF THE ENGINEER. SIGN LOCATIONS ARE REFERENCED FROM THE STOP BAR FOR THE TEMPORARY TRAFFIC SIGNAL. SHOULD ANY OF THE STOP BARS BE RELOCATED, THE W3-3 AND W20-4 SIGNS FOR THAT APPROACH SHALL BE RELOCATED TO THE RELATIVE LOCATION SHOWN ON THIS SHEET. SEE TEMPORARY TRAFFIC SIGNAL PLAN, SHEET 42, FOR FURTHER DETAILS.
- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC TRAFFIC CONTROL PLANS FOR ALL PHASES OF WORK TO BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE) (BR 17). THESE TRAFFIC CONTROL PLANS SHALL BE USED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE PROJECT EXCEPT DURING PHASES OF CONSTRUCTION THAT REQUIRE FULL CLOSURE OF BRIDGE 17.



LEGEND	
	PROPOSED CONSTRUCTION SIGN AND POSTS
	PORTABLE CHANGEABLE MESSAGE SIGN
	PROJECT AREA

NOT TO SCALE
CHA

TRAFFIC CONTROL PLAN	PROJECT NAME: RUTLAND CITY	PLOT DATE: 6/30/2014
	PROJECT NUMBER: BRF 3000 (19)	DRAWN BY: C.R.H.
	PROJECT LEADER: M.D.S.	CHECKED BY: D.E.G.
	DESIGNED BY: C.R.H.	SHEET 41 OF 245
DWG. NO.: TCP		

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NOTES:
1. BASE PLAN IS FROM RUTLAND CITY BRF 3000 (19) PLANS BY VAOT DATED 6/30/2014.



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	12/11/15	Revised per VAOT Comments	MCM

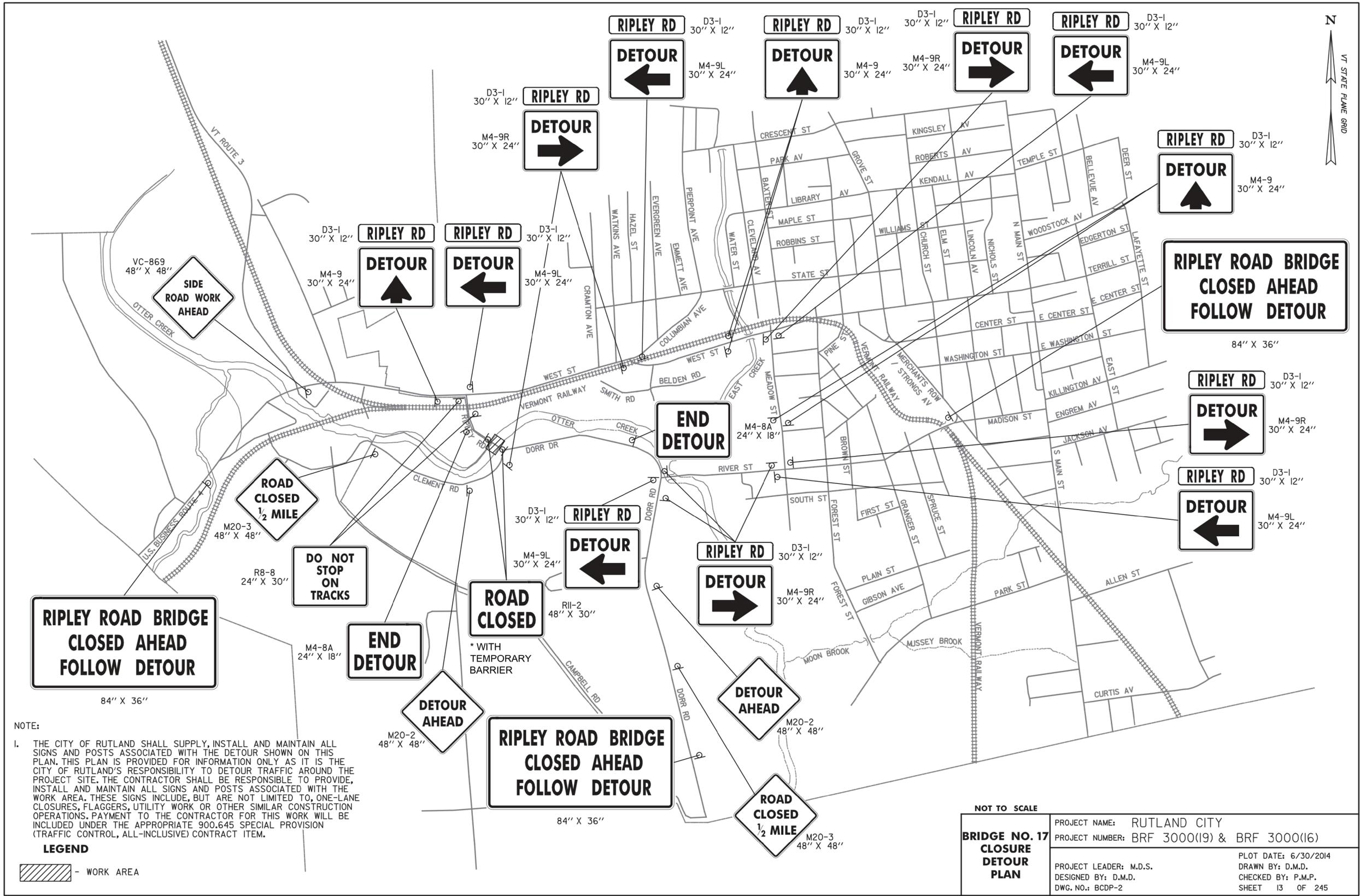
RUTLAND CITY
BRF 3000 (19)

**TRAFFIC CONTROL PLAN 4
CONSTRUCTION DETOUR SIGNAGE**

CITY OF RUTLAND, VERMONT

Project #	---
Project Mgr.	TPK
Design by	TPK
Drawn by	TPK
Reviewed by	NRJ
Approved by	TPK
Date	OCTOBER 26, 2015
Scale	AS SHOWN

TC4



**BRIDGE NO. 17
CLOSURE
DETOUR
PLAN**

NOT TO SCALE

PROJECT NAME:	RUTLAND CITY
PROJECT NUMBER:	BRF 3000(19) & BRF 3000(16)
PROJECT LEADER:	M.D.S.
DESIGNED BY:	D.M.D.
DWG. NO.:	BCDP-2
PLOT DATE:	6/30/2014
DRAWN BY:	D.M.D.
CHECKED BY:	P.M.P.
SHEET	13 OF 245

NOTE:
1. THE CITY OF RUTLAND SHALL SUPPLY, INSTALL AND MAINTAIN ALL SIGNS AND POSTS ASSOCIATED WITH THE DETOUR SHOWN ON THIS PLAN. THIS PLAN IS PROVIDED FOR INFORMATION ONLY AS IT IS THE CITY OF RUTLAND'S RESPONSIBILITY TO DETOUR TRAFFIC AROUND THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE, INSTALL AND MAINTAIN ALL SIGNS AND POSTS ASSOCIATED WITH THE WORK AREA. THESE SIGNS INCLUDE, BUT ARE NOT LIMITED TO, ONE-LANE CLOSURES, FLAGGERS, UTILITY WORK OR OTHER SIMILAR CONSTRUCTION OPERATIONS. PAYMENT TO THE CONTRACTOR FOR THIS WORK WILL BE INCLUDED UNDER THE APPROPRIATE 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE) CONTRACT ITEM.

LEGEND
 - WORK AREA

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NOTES:
1. BASE PLAN IS FROM RUTLAND CITY BRF 3000 (19) PLANS BY VAOT DATED 6/30/2014.

