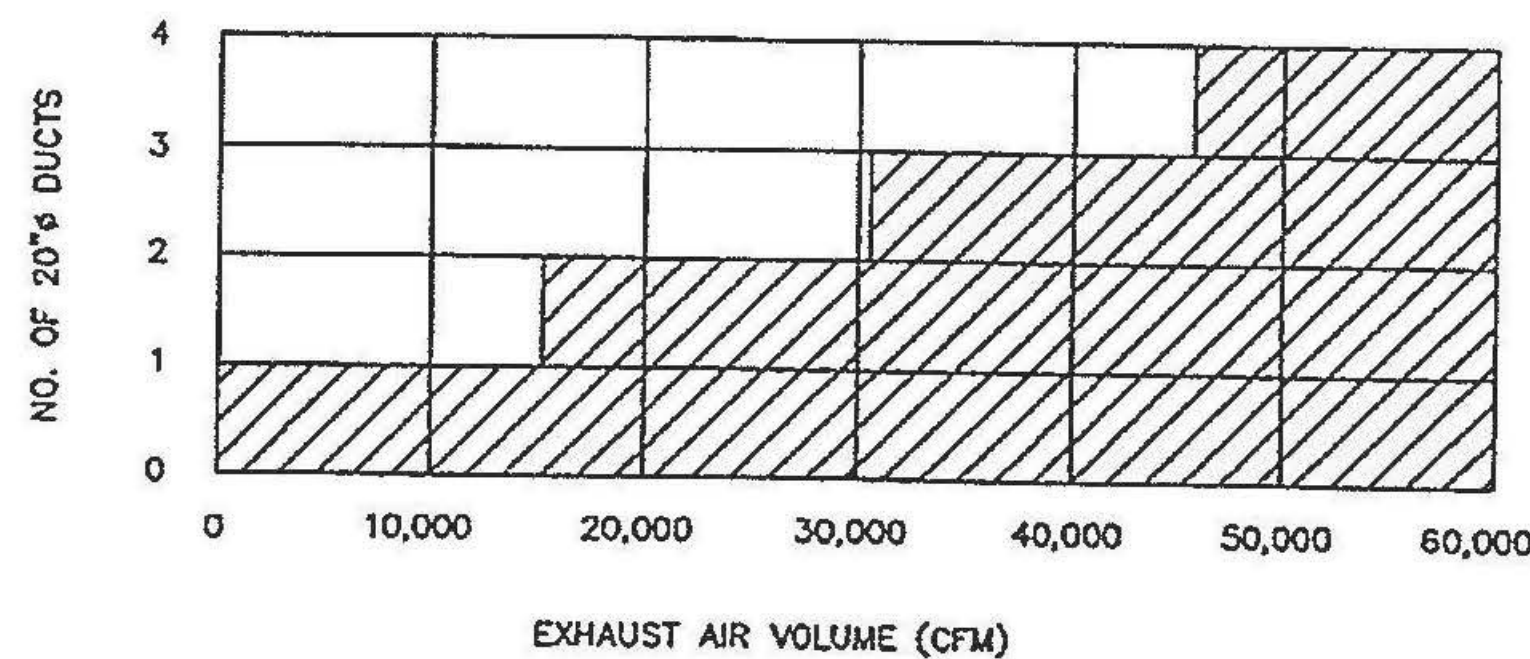


GENERAL NOTES

1. THE ROUTE 2 OVER WINOOSKI RIVER BRIDGE WILL UTILIZE BRIDGE TO METAL DECK TARP SYSTEM.
2. A MAXIMUM EXHAUST VOLUME OF 45,000 CFM WILL BE USED TO VENTILATE THE ABRASIVE BLASTING CONTAINMENTS ON THE ROUTE 2 OVER WINOOSKI RIVER STRUCTURE. EACH ACTIVE CONTAINMENT WILL BE EXHAUSTED BY 20" DIAMETER FLEXIBLE EXHAUST DUCTS FROM THE MOBILE DUST COLLECTOR.
3. THE PROFESSIONAL ENGINEER WHO PREPARED THESE DRAWINGS CERTIFIES THAT THE LOADS IMPOSED BY THIS DESIGN DO NOT CAUSE THE OVERALL CALCULATED STRESS LEVEL OF ANY ELEMENT OF THE BRIDGES TO EXCEED THE OPERATING RATING ALLOWABLE STRESSES DEFINED IN AASHTO MANUAL FOR MAINTENANCE INSPECTION OF BRIDGES (CURRENT EDITION).
- ② 4. LANE OUTAGE WILL BE REQUIRED TO ACCOMMODATE THE MOBILE DUST COLLECTOR AND ABRASIVE BLASTING EQUIPMENT. (BRIDGE CLOSED TO TRAFFIC)
*WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
5. EVERY CONTAINMENT SYSTEM UTILIZED WILL BE VACUUMED CLEAN DAILY AND PRIOR TO DISASSEMBLY AND/OR MOVING
6. SEE ENGINEERING REPORT FOR MATERIAL DATA SHEET.
7. WORKERS TO BE TIED OFF TO SAFETY CABLES THAT ARE SECURED TO BRIDGE MEMBERS, AS REQUIRED BY OSHA 29 CFR 1926. HARNESS WITH A SHOCK ABSORBING LANYARD WILL BE USED WHEN ACCESSING ANY HEIGHT OVER 6'. 100% TIE-OFF AT ALL TIMES.
8. AIR INTAKE VENTS AND EXHAUST DUCTS ARE TO BE SEWN OR LASHED INTO THE TARP.
9. LIGHT IN CONTAINMENT TO BE MAINTAINED AT 50 FOOT-CANDLES AT ALL TIMES. IF AUXILIARY SPOT LIGHTING IS NEEDED A WESTERN TECHNOLOGY SERIES 7000 EXPLOSION PROOF LAMP, OR APPROVED EQUAL, WILL BE USED.
10. ALL TARP JOINTS TO HAVE 2' OVERLAP.
11. TARPS AT ABUTMENTS OR PIERS ARE SEALED TO SAME WITH 2x4'S USING CONCRETE NAILS AND ANY GAPS ARE FILLED WITH FOAM SEALANT.
12. EXCEPT WHERE NOTED OTHERWISE ALL TARPS TO BE 840 RIP STOP NYLON TARP. ALL TARPS USED TO BE TRANSLUCENT, FLAME RESISTANT, FLEXIBLE & IMPERMEABLE
13. WHEN WINDS EXCEED 50 MPH, SUSTAINED, THE TARPS ARE TO BE REMOVED TILL THE WIND SUBSIDED.
14. VISUAL VERIFICATION OF AIRFLOW AND NEGATIVE PRESSURE WILL BE PROVIDED IN THE FIELD DAILY.
15. ASSEMBLY OF THE TARP TO METAL DECK PHASES:
CABLES ATTACHED TO PIERS AND/OR ABUTMENTS THEN TIED UP TO STRUCTURE. DECKING ATTACHED TO CABLES.
TARPS DRAPED OVER SIDE OF BRIDGE AND ATTACHED TO DECK.
INSTALL DUCTS AND AIR INLETS AS REQUIRED IN TABLE.
ONCE WORK IS FINISHED ENCLOSURE WILL BE VACUUMED AND INSPECTED. DISASSEMBLY WILL BE IN REVERSE ORDER.
16. ALL MATERIAL TO BE INSTALLED AS PER MANUFACTURE RECOMMENDATIONS.
17. ALL DIMENSIONS ARE APPROXIMATE, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION.
18. ALL PICK CABLES TO BE 1/2" FIBER CORE EIP WIRE ROPE.
BREAKING STRENGTH: 11.8 TONS, TWO (2) FOOT SAG BETWEEN TIE-UPS MIN.
- ② 19. ALL SAFETY CABLES TO BE 3/8" EIP FIBER CORE WIRE ROPE.
BREAKING STRENGTH: 6.71 TONS, THREE (3) FOOT SAG BETWEEN TIE-UP MIN.
- ② 20. CABLE TIE-UPS
1/2" POLYESTER FIBER ROPE
BREAKING STRENGTH 2.8 TONS
- PICK CABLES AT 20' MAXIMUM SPACING
- SAFETY CABLES AT 20' MAXIMUM SPACING
21. DRILLING AND OR WELDING ARE NOT PERMITTED ON BRIDGE MEMBERS AND RAILS.

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CONTAINMENT DESIGN																
MARK NO.	QTY. REQ'D.	CONSTRUCTION	WORKING PLATFORM	SIZE OF "ACTIVE" CONTAINMENT				EXHAUST AIR			MAKE-UP AIR					
				LENGTH	WIDTH	HEIGHT	X-SECT AREA	SYSTEM DESIGN	VOLUME CFM	AIR FLOW VELOCITY	OPNG'S REQ'D	AREA PROV'D	INLET AIR VELOCITY	NO. 20" DUCTS REQ'D	OUTLET AIR VELOCITY	CLOSURE REQ'D
PHASE 1	66	TRANSLUCENT TARPS DRAPED FROM BRIDGE STRUCTURE	J.G'S	9 FT.	4 FT.	4 FT.	16 sq ft	CROSS DRAFT	1,600	100 FPM	1	4 sq ft	400 FPM	1	734 FPM	BRIDGE
PHASE 2	3	TRANSLUCENT TARPS DRAPED FROM BRIDGE STRUCTURE	METAL DECK	120 FT.	10 FT.	10 FT.	100 sq ft	CROSS DRAFT	10,000	100 FPM	3	27 sq ft	370 FPM	1	4,587 FPM	BRIDGE
PHASES 3 - 6	4	TRANSLUCENT TARPS DRAPED FROM BRIDGE STRUCTURE	PICK SCAFFOLD OR J.G'S	350 FT.	10 FT.	45 FT. AVE.	450 sq ft	CROSS DRAFT	45,000	100 FPM	10	90 sq ft	500 FPM	3	6,881 FPM	BRIDGE



3			
2	053012	AS PER E-MAIL DATED 051412	GMS
1	040112	CHANGED PHASES 1 & 2 PER CLIENT	GMS
NO.	DATE	REVISION DESCRIPTION	BY

PHOENIX DEVELOPMENT & CONST., INC.
CORFU NEW YORK

**GENERAL NOTES/AIR VOLUMES
US ROUTE 2 OVER WINOOSKI RIVER
TOWN OF RICHMOND, VT
VTrans PROJECT NO: STP-RS 0284(11)**

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DRAWN BY	GMS	DATE	051911	SCALE	NOT TO SCALE
CHECKED BY	GZ	DATE	062111	DRAWING NUMBER	
APPROVED BY	GHS	DATE	062111	11708-02	

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DATED: _____