

**GENERAL NOTES**

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006 AND ITS LATEST REVISIONS.
2. EXISTING DIMENSIONS SHOWN IN THE PLANS WERE DEVELOPED FROM LIMITED FIELD SURVEY AND ORIGINAL DESIGN PLANS AND ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD CHECKING ALL DIMENSIONS APPLICABLE TO THIS WORK.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE EXISTING PAVEMENT, PAVEMENT MARKINGS, GUARDRAIL, PIPES, DROP INLETS, CONCRETE SIGN FOUNDATIONS AND HEADWALLS FROM DAMAGE. THE CONTRACTOR, AT NO ADDITIONAL COMPENSATION, SHALL REPAIR ALL EXISTING PAVEMENT, PAVEMENT MARKINGS, GUARDRAIL, PIPES, DROP INLETS, CONCRETE SIGN FOUNDATIONS AND HEADWALLS DAMAGED DURING CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL REMOVE, STOCKPILE, AND REINSTALL SIGNS, GUARDRAIL, MILE MARKER POSTS, DELINEATORS, AND DELINEATOR POSTS WHERE REQUIRED WORK MAY CAUSE DAMAGE TO THEM. SALVAGED DELINEATOR POSTS, SIGNS, SIGN POST AND MILE MARKER PLAQUES NOT REUSED ON THE PROJECT WILL BE SALVAGED TO THE GOVERNING VAOT DISTRICT.

**LEDGE REMOVAL NOTES**

1. IT IS STRONGLY RECOMMENDED THAT ALL BIDDING CONTRACTORS VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE CURRENT SITE CONDITIONS AND ACCESSIBILITY PRIOR TO PREPARATION OF A BID.
2. FOR ALL LEDGE CUT SLOPES THROUGHOUT THE PROJECT AREA (MM. 69.96 TO MM. 110.96) THE LIMITS OF CLEARING SHALL START AT THE DITCH LINE, EXTEND UP THE FACE OF THE LEDGE AND CONTINUE FOR A DISTANCE OF 20 FT. BEYOND THE FINAL CREST OF THE LEDGE.
3. ALL VEGETATION SHALL BE CLEARED AND DISPOSED OF IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS. PAYMENT WILL BE MADE UNDER CONTRACT ITEM 201.11 "CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS".
4. THE LIMIT OF LEDGE REMOVAL IS SHOWN IN THESE PLANS FOR SOUTHBOUND OUTSIDE MILE MARKER 86.63 TO 86.75 TYPICAL 17. THE ACTUAL EXTENT OF WORK FOR ALL SITES HAS BEEN ESTIMATED AND SHALL BE DETERMINED IN THE FIELD BY THE VTRANS GEOLOGIST AND/OR THE ENGINEER BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL PERFORM ANY ADDITIONAL WORK AT THE UNIT PRICES PROVIDED IN THE CONTRACT. LEDGE REMOVAL SHALL BE COMPLETED THROUGH MEANS OF HIGH SCALING, TRIM BLASTING, BLASTING AND/OR MECHANICAL METHODS. SPECIFIC METHODS OF LEDGE REMOVAL HAVE BEEN IDENTIFIED ON EACH INDIVIDUAL LEDGE REMOVAL TYPICAL SHEET AND LAYOUT SHEET.
5. a.) SOLID ROCK EXCAVATION SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 203 AND SHALL BE PAID FOR UNDER CONTRACT ITEM 203.16 "SOLID ROCK EXCAVATION".  
 b.) ALL LEDGE REMOVAL SHALL BE CONDUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS BY PERSONNEL EXPERIENCED WITH THE REMOVAL METHODS BEING USED.  
 c.) LEDGE REMOVAL USING METHODS OF HIGH SCALING, TRIM BLASTING, MACHINE SCALING, WASHING, OR HYDRAULIC SPLITTERS SHALL BE PAID FOR UNDER CONTRACT ITEMS "900.630 SPECIAL PROVISION (HIGH SCALING)", "900.630 SPECIAL PROVISION (MACHINE SCALING)" AND "900.608 SPECIAL PROVISION (REMOVAL OF LEDGE WASTE MATERIAL)".  
 d.) LEDGE REMOVAL USING METHODS OF TRIM BLASTING SHALL BE PAID UNDER "900.630 SPECIAL PROVISION (HIGH SCALING)".
6. PERIODS OF BLASTING OPERATIONS SHALL BE LIMITED TO MONDAY THROUGH SATURDAYS AND SHALL NOT BE ALLOWED AT ANY OTHER TIMES UNLESS APPROVED BY THE ENGINEER.
7. EXCESS MATERIAL MAY BE DISPOSED OF IN THE PROJECT AREA UNDER PERMITS APPROVED BY THE VAOT ENVIRONMENTAL SECTION AND AS APPROVED BY THE ENGINEER. THE CONTRACTOR MAY PROPOSE OTHER DISPOSAL AREAS TO THE ENGINEER. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE ENGINEER PRIOR TO USING DISPOSAL AREAS. EXCESS MATERIAL NOT WASTED ON SITE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY.  
 3,000 CUBIC YARDS OF LEDGE MATERIAL REMOVED WILL BE SALVAGED TO THE BRADFORD RAIL ROAD YARD. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
8. RAIL ROAD YARD. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

**SEEDING FORMULA  
RURAL AREAS**

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

**GENERAL NOTES**

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

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PROJECT NAME:	HARTFORD - NEWBURY		
PROJECT NUMBER:	IM 091 - 2(72)		
FILE NAME:	d99a052_frm.dgn	PLOT DATE:	27-JUL-2009
PROJECT LEADER:	K. UPMAL	DRAWN BY:	N. PAPPAS
DESIGNED BY:	N. PAPPAS	CHECKED BY:	A. BOMBARDIER
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