

GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011 AND ITS LATEST REVISIONS.
- PRIOR TO SUBMITTING A BID IT WILL BE REQUIRED THAT ALL BIDDING CONTRACTORS ATTEND A PRE BID MEETING ON SITE, WITH VTRANS STAFF, TO FAMILIARIZE THEMSELVES WITH THE CURRENT SITE CONDITIONS AND ACCESSIBILITY. IT IS ALSO RECOMMENDED THAT ALL SUB CONTRACTORS ATTEND THE PRE BID MEETING ON SITE AS WELL. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- EXISTING DIMENSIONS AND STATIONING 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.
- IN ACCORDANCE WITH SUBSECTION 107.12 THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING PAVEMENT, SUBBASE, SHOULDER MATERIAL, GUARDRAIL, FENCING, PIPES, DROP INLETS, SIGNS, SIGN POSTS, CONCRETE SIGN FOUNDATIONS AND HEADWALLS. IF DAMAGED, THE CONTRACTOR, AT NO ADDITIONAL COMPENSATION, SHALL REPAIR THE DAMAGED ITEMS TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT OVERHEAD SIGNS, OVERHEAD SIGN POSTS AND OVERHEAD SIGN POST FOUNDATIONS, TO PREVENT DAMAGE TO THE PROTECTIVE COATING, DURING ALL ACTIVITES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT ITEMS.
- THE CONTRACTOR SHALL REMOVE, STOCKPILE, AND REINSTALL SIGNS, MILE MARKER POSTS, AND DELINEATORS LOCATED WHERE REQUIRED WORK MAY CAUSE DAMAGE TO THEM. IF WARNING SIGNS, THAT ARE NOT GATE POSTED, ARE REMOVED THE CONTRACTOR SHALL TEMPORARILY INSTALL THEM IN THE MEDIAN, OR AT A LOCATION AS DIRECTED BY THE ENGINEER AND REINSTALL AFTER COMPLETION OF WORK. THIS WORK SHALL BE INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF BURIED CABLE THROUGH DIG SAFE AND ITEM 204.22 TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)PRIOR TO THE START OF CONSTRUCTION.
- ALL WORK SHALL BE COMPLETED WITHIN THE EXISTING STATE OF VERMONT RIGHT OF WAY.
- GUARDRAIL MAY BE REMOVED AND RESET AS NEEDED AND AS APPROVED BY THE ENGINEER. PAYMENT WILL BE MADE UNDER CONTRACT ITEM 621.75 REMOVE AND RESET GUARDRAIL.
- ALL EQUIPMENT SHALL BE MOVED OUTSIDE OF THE CLEAR ZONE OR PROTECTED BY APPROVED BARRIERS DURING NON-WORKING HOURS.
- THE CONTRACTOR SHALL ADEQUATELY MAINTAIN THE EXISTING DITCH LINE TO ENSURE PROPER DRAINAGE DURING CONSTRUCTION ACTIVITIES AND UPON COMPLETION OF THE WORK, AS DIRECTED BY AND TO THE SATISFACTION OF THE ENGINEER.

LEDGE REMOVAL NOTES

- LEDGE REMOVAL SHALL CONSIST OF THE REMOVAL OF LEDGE FROM THE LEDGE CUT USING THE FOLLOWING CONTRACT ITEMS:
203.16 SOLID ROCK EXCAVATION CY
900.608 SPECIAL PROVISION (REMOVAL OF LEDGE SALVAGE MATERIAL) CY
900.630 SPECIAL PROVISION (HAND SCALING) HR
900.630 SPECIAL PROVISION (MACHINE SCALING) HR
- LIMITS OF LEDGE REMOVAL INVOLVING HAND SCALING, MACHINE SCALING AND SOLID ROCK EXCAVATION, INCLUDES THE ENTIRE FACE OF LEDGE AS NEEDED OR AS DETERMINED BY THE ENGINEER OR GEOLOGIST. THE CONTRACTOR SHALL PERFORM ANY ADDITIONAL WORK WITHIN THE PROJECT LIMITS AT THE UNIT PRICES PROVIDED IN THE CONTRACT UNDER THE FOLLOWING ITEMS: 203.16 SOLID ROCK EXCAVATION, 900.630 SPECIAL PROVISION (HAND SCALING) AND 900.630 SPECIAL PROVISION (MACHINE SCALING).
- APPROXIMATE LIMITS OF LEDGE REMOVAL METHODS ARE:

MONTPELIER STATE HIGHWAY (MSH): STA 102+00 LT TO STA 104+73 LT: SOLID ROCK EXCAVATION

RAMP A: STA 212+49 RT TO STA 220+99 RT: HAND SCALING/MACHINE SCALING
RAMP A: STA 223+50 RT TO STA 224+96 RT: HAND SCALING/MACHINE SCALING

RAMP B: STA 312+51 RT TO STA 314+00 RT: ~~HAND SCALING/MACHINE SCALING~~ SOLID ROCK EXCAVATION
RAMP B: STA 314+00 RT TO STA 317+00 RT: SOLID ROCK EXCAVATION
RAMP B: STA 317+00 RT TO STA 320+00 RT: HAND SCALING/MACHINE SCALING
- ROCK DOWELING LOCATIONS SHALL BE DETERMINE BY THE VTRANS GEOLOGIST ON AN AS NEEDED BASIS. WORK SHALLBE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (ROCK DOWELING) AND ITEM 900.645 SPECIAL PROVISION (ROCK DOWEL TESTING).
- LIMITS OF THE TOE OF LEDGE SHALL BE DETERMINED BY THE ENGINEER, VTRANS GEOLOGIST AND THE CONTRACTOR BEFORE ANY WORK BEGINS. WORK SHALL BE PAID FOR UNDER ITEM 900.608 SPECIAL PROVISION (REMOVAL OF LEDGE SALVAGE MATERIAL).
- ALL LEDGE REMOVAL SHALL BE CONDUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BY PERSONNEL EXPERIENCED WITH THE REMOVAL METHODS BEING USED.
- ALL REMOVED LEDGE AND EXCAVATION MATERIAL SHALL BE SALVAGED TO THE STATE OF VERMONT. ALL MATERIAL SHALL BE DELIVERED TO THE VERMONT AGENCY OF TRANSPORTATION DISTRICT 5 MIDDLESEX FACILITY. COORDINATION SHALL BE MADE TWO WEEKS IN ADVANCE OF THE INITIAL DELIVERY, AND AS NEEDED, TO IDENTIFY THE LOCATION. COORDINATION SHALL BE MADE THROUGH MIKE WILDER, DISTRICT 5 AREA MAINTENANCE SUPERVISOR [TEL.: (802) 828-2697] [CELL: (802) 461-7824]. TRANSPORTATION OF MATERIAL WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.608 SPECIAL PROVISION (REMOVAL OF LEDGE SALVAGE MATERIAL).
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO STOCKPILE ALL LEDGE SALVAGE MATERIAL AT THE DISTRICT 5 MIDDLESEX FACILITY. ALL EQUIPMENT REQUIRED FOR STOCKPILING OF LEDGE SALVAGE MATERIAL AT THE DISTRICT 5 MIDDLESEX FACILITY SHALL BE INCIDENTAL TO ITEM 900.608 SPECIAL PROVISION (REMOVAL OF LEDGE SALVAGE MATERIAL).
- THE CONTRACTOR SHALL TAKE CARE DURING THE LEDGE REMOVAL NOT TO DAMAGE OR DISTURB EXISTING UTILITIES WITHIN THE PROJECT AREA AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- MILE MARKER 52.6 RT TO MILE MARKER 52.76 RT
HAND SCALING - 83 CY ADDED. SEE CHANGE ORDER #5.

CLEARING NOTES:

- CLEARING SHALL CONSIST OF REMOVAL OF ALL TREES AND SHRUBS BEGINNNG AT THE EDGE OF PAVEMENT INCLUDING THE DITCHLINE, FACE OF LEDGE CUT AND 20 FEET PAST THE FINAL CREST OF LEDGE. THE FINAL CREST OF LEDGE IS THE CREST LINE AFTER ALL LEDGE REMOVAL IS COMPLETE, WHERE THE LEDGE CHANGES FROM PRIMARILY VERTICAL TO PRIMARILY HORIZONTAL. THE FINAL CREST OF LEDGE AND CLEARING LIMITS SHALL BE DETERMINED BY THE ENGINEER AND THE VTRANS GEOLOGIST.
- ALL VEGETATION AND SOILS SHALL BE REMOVED FROM THE FACE OF THE LEDGE. THIS WORK SHALL BE PAID UNDER ITEM 201.10 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS. ALL TOOLS, MACHINES AND LABOR REQUIRED TO REMOVE VEGETATION AND SOILS SHALL BE INCIDENTAL TO ITEM 201.10.
- ALL VEGETATION TO BE REMOVED BETWEEN THE EDGE OF PAVEMENT AND THE TOE OF LEDGE, AND BETWEEN THE FINAL CREST OF LEDGE AND 20 FEET PAST THE FINAL CREST OF LEDGE, SHALL BE PAID UNDER ITEM 201.11 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS.
- ALL TREES SIX INCHES OR GREATER SHALL BE REMOVED OF LIMBS AND DELIVERED, IN LOG LENGTHS, TO THE VERMONT AGENCY OF TRANSPORTATION DISTRICT 5 MIDDLESEX FACILITY.COORDINATION SHALL BE MADE TWO WEEKS IN ADVANCE OF THE INITIAL DELIVERY, AND AS NEEDED, TO IDENTIFY THE LOCATION OF PLACEMENT. COORDINATION SHALL BE MADE THROUGH MIKE WILDER, DISTRICT 5 AREA MAINTENANCE SUPERVISOR [TEL.: (802) 828-2697] [CELL: (802) 461-7824]. ALL WORK AND TRANSPORTATION OF MATERIALS SHALL BE INCIDENTAL TO ITEM 201.11 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS.
- ALL VEGETATION, INCLUDING REMOVED LIMBS,FOR BOTH ITEM 201.10 AND ITEM 201.11, SHALL BE CLEARED AND DISPOSED OF IN ACCORDANCE WITH SECTION 201 AND THE CONTRACT DOCUMENTS.
- INDIVIDUAL TREES THAT ARE DEEMED, BY THE ENGINEER, TO BE AT RISK OF FALLING OUTSIDE OF THE CLEARING AND GRUBBING AREA IDENTIFIED ON THE PLANS SHALL BE REMOVED. THIS WORK SHALL BE INCIDENTAL TO ITEM 201.11 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN, TO THE SATISFACTION OF THE ENGINEER, A NEAT TREE LINE ALONG THE AREA TO BE CLEARED. THIS WORK SHALL BE INCIDENTAL TO ITEM 201.11 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS.
- AN ESTIMATED QUANTITY OF 651.35 TOPSOIL HAS BEEN ADDED IF THE ENGINEER DEEMS NECESSARY THAT RESHAPING OF THE DITCH REQUIRES MORE MATERIAL ONCE THE LEDGE HAS BEEN REMOVED.
- AN ESTIMATED QUANTITY OF 651.25 HAY MULCH HAS BEEN ADDED IF THE ENGINEER DEEMS ITS USE IS NECESSARY.
- THE CONTRACTOR MAY GRIND OR TREAT THE EXISTING STUMPS DESIGNATED FOR REMOVAL WITHIN CLEARING AND GRUBBING AREAS. THE CONTRACTOR SHALL ENSURE THAT THE STUMPS WILL NOT GROW BACK. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 201.11.

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PROJECT LEADER: P.PELOQUIN	DRAWN BY: P. PELOQUIN
DESIGNED BY: P. PELOQUIN	CHECKED BY: A. BOMBARDIER
PROJECT NOTES	SHEET 6 OF 62