

FOOTINGS ON BEDROCK

47. FOOTINGS, SUBFOOTINGS, AND/OR FOUNDATION SEALS FOR SUBSTRUCTURES FOUNDED ON BEDROCK SHALL BE PLACED ON CLEAN COMPETENT ROCK. ALL LOOSE ROCK AND DEBRIS SHALL BE REMOVED.
48. UPON COMPLETION OF THE EXCAVATION FOR SUBSTRUCTURES FOUNDED ON BEDROCK AND PRIOR TO PLACING FORMWORK, THE ENGINEER SHALL NOTIFY THE PROJECT MANAGER AND GEOTECHNICAL ENGINEERING MANAGER. THE AGENCY GEOLOGIST AND/OR GEOTECHNICAL ENGINEER WILL DETERMINE IF THE BEDROCK IS COMPETENT TO OBTAIN THE NOMINAL BEARING RESISTANCE AS SHOWN ON THE PLANS. FIVE (5) WORKING DAYS FROM NOTIFICATION SHALL BE ALLOWED TO MAKE THE INSPECTION AND THE DETERMINATION FOR THE COMPETENCY OF THE BEDROCK.
49. ONCE THE ELEVATION OF COMPETENT BEDROCK HAS BEEN DETERMINED, THE CONTRACTOR SHALL PROVIDE A BEDROCK PROFILE TO THE PROJECT MANAGER TO DETERMINE WHETHER THE DESIGN BOTTOM OF FOOTING ELEVATION SHALL BE ADJUSTED AND WHETHER A SUBFOOTING SHALL BE REQUIRED. AN ESTIMATED QUANTITY OF ITEM 541.30, "CONCRETE, CLASS C" HAS BEEN INCLUDED IN THE CONTRACT FOR CONSTRUCTION OF SUBFOOTINGS, AS DIRECTED BY THE ENGINEER. FOOTING ELEVATIONS SHALL NOT BE ADJUSTED WITHOUT APPROVAL OF THE PROJECT MANAGER. THREE (3) WORKING DAYS FROM RECEIPT OF THE BEDROCK PROFILE SHALL BE ALLOWED TO MAKE THIS DETERMINATION.
50. ANY BEDROCK THAT NEEDS TO BE REMOVED SHALL BE PAID FOR UNDER ITEM 208.35, "COFFERDAM EXCAVATION, ROCK."
51. DOWELS SHALL BE DRILLED AND GROUTED INTO BEDROCK AS SHOWN ON THE "PIER #1 ELEVATION AND TYPICAL" SHEETS. THE DOWELS SHALL BE #8 BARS, EXTENDING 2 FT INTO LEDGE, THROUGH THE SUBFOOTING (IF APPLICABLE), AND EXTEND 1 FT INTO THE PIER FOOTING. THE DOWELS SHALL BE SPACED AND EMBEDDED AS SHOWN ON THE PLANS. PAYMENT WILL BE MADE UNDER ITEM 507.16, "DRILLING AND GROUTING DOWELS." AN ESTIMATED QUANTITY OF ITEMS 507.16 AND 507.11 HAVE BEEN INCLUDED IN THE CONTRACT.
52. THE CONTRACTORS PROPOSED METHOD FOR DEWATERING THE COFFERDAM MAY BE PROVIDED WITH THE EROSION CONTROL PLAN SUBMITTAL INSTEAD OF WITH THE COFFERDAM SUBMITTAL.

TRAFFIC CONTROL

53. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF A SITE SPECIFIC TRAFFIC CONTROL PLAN FOR ALL STAGES OF CONSTRUCTION OF EACH PROJECT. THE PLAN SHALL CLEARLY DETAIL HOW TRAFFIC WILL BE MAINTAINED. THE PLAN SHALL SPECIFY ALL CONSTRUCTION ACTIVITIES REQUIRING ALTERNATING ONE WAY TRAFFIC, RELATE THOSE ACTIVITIES TO THE CONSTRUCTION SCHEDULE, AND SHOW APPROPRIATE TEMPORARY TRAFFIC CONTROL. ALL COSTS WILL BE INCLUDED IN ITEMS 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(BRS 0240(3)S)" AND 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(STP HES 030-2(28))".
54. FIELD WORK SHALL NOT COMMENCE UNTIL A TRAFFIC CONTROL PLAN HAS BEEN SUBMITTED BY THE CONTRACTOR AND ACCEPTED BY VTRANS.
55. DURING PROJECT BRS 0240(3)S TRAFFIC SHALL BE MAINTAINED ON VT 15A AND THE EXISTING TEMPORARY BRIDGE #1 DURING CONSTRUCTION. ANY MAINTAINANCE OF THE EXISTING BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE WILL BE THE RESPONSIBILITY OF THE AGENCY'S OPERATIONS DIVISION. ADDITIONAL MAINTENANCE OF THE APPROACHES TO THE BRIDGE TO KEEP THE TRAVELWAY SAFE TO THE TRAVELING PUBLIC WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 527.10 "MAINTENANCE OF STRUCTURES AND APPROACHES".
56. THE CONTRACTOR WILL BE ALLOWED TO CLOSE VT 15A FOR A TOTAL MAXIMUM PERIOD OF THREE WEEKS IN ORDER TO ERECT THE GIRDERS, TIE IN THE APPROACHES TO THE NEW BRIDGE, AND ANYTHING THE CONTRACTOR DEEMS NECESSARY. THE CLOSURE PERIOD CAN BE CONTINUOUS OR BROKEN UP INTO A MAXIMUM OF TWO SEPARATE PERIODS. THE DETOUR FOR THIS CLOSURE WILL UTILIZE VT 15 TO VT ALT 100 TRUCK TO VT 100 TO VT 12 AND BACK TO VT 15A. THIS WORK WILL BE INCLUDED IN THE PRICE OF ITEM 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(BRS 0240(3)S)".
57. DURING PROJECT STP HES 030-2(28) ALTERNATING ONE-WAY TRAFFIC SHALL BE MAINTAINED ON VT 15 DURING THE CONSTRUCTION OF THE ROADWAY AND INTERSECTION. THE CONTRACTOR SHALL BE ALLOWED A 60-HOUR WEEKEND CLOSURE PERIOD OF VT 15 TO CONSTRUCT THE PRECAST CATTLE PASS STRUCTURE. THE DETOUR FOR THIS CLOSURE WILL UTILIZE VT 15A TO VT 12 TO VT 100 TO VT ALT 100 TRUCK AND BACK TO VT 15. THIS WORK WILL BE INCLUDED IN THE PRICE OF ITEM 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(STP HES 030-2(28))".
58. DURING THE 60-HOUR WEEKEND CLOSURE PERIOD OF VT 15 FOR PROJECT STP HES 030-2(28), A UNIFORMED TRAFFIC OFFICER SHALL BE STATIONED AT THE INTERSECTION OF VT 15A AND VT 12 TO AID IN TRUCK TURNING MOVEMENTS. PAYMENT FOR THIS WORK WILL BE PAID FOR UNDER CONTRACT ITEM 630.10 "UNIFORMED TRAFFIC OFFICER".
59. AT LEAST ONE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE POSITIONED IN ADVANCE OF EACH APPROACH TO THE WORK ZONE ADVISING OF THE ACTIVITY AHEAD. PAYMENT FOR PCMS WILL BE MADE SEPARATELY UNDER CONTRACT ITEM 641.15 "PORTABLE CHANGEABLE MESSAGE SIGN".
60. ANY REMOVAL, COVERING AND/OR RESETTING OF EXISTING TRAFFIC SIGNS, AS DEEMED NECESSARY BY THE RESIDENT ENGINEER, WILL BE INCIDENTAL TO THE ITEMS 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(BRS 0240(3)S)" AND 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(STP HES 030-2(28))".
61. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DETOUR AND CONSTRUCTION SIGNING. THE EXACT LOCATION WILL BE COORDINATED BY THE RESIDENT ENGINEER AND THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, DATED 2009, AND ITS LATEST REVISIONS AND THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS (SHS) BOOK.
62. ALL ON AND OFF PROJECT SIGNS AND BARRICADES AS REQUIRED FOR THE DETOUR AND/OR ORDERED BY THE RESIDENT ENGINEER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE PAID FOR UNDER THE ITEM 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(BRS 0240(3)S)" AND 900.645 "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)(STP HES 030-2(28))". ALL SIGNS AND BARRICADES SHALL BE INSPECTED DAILY BY THE

- CONTRACTOR AND REPAIRED AS NECESSARY. ALL SIGNS AND BARRICADES SHALL BE CLEARED OF DUST AND DEBRIS WEEKLY BY THE CONTRACTOR.
63. ACCESS TO FIELD DRIVE 1, TH 22, AND ALL RESIDENTIAL DRIVES MUST BE MAINTAINED AT ALL TIMES. IF EXTENSIVE WORK IS EXPECTED TO LIMIT ACCESS TO FIELD DRIVE 1, THE CONTRACTOR SHALL COORDINATE WITH MORRISTOWN SEWER AND LIGHT. FIELD DRIVE 1 ACCESSES THE WATER PUMPING STATION FOR THE TOWN'S WATER SUPPLY.

PROJECT NAME: MORRISTOWN	
PROJECT NUMBER: BRS 0240(3)S/STP HES 030-2(28)	
FILE NAME: s78f329forms.dgn	PLOT DATE: 12-APR-2017
PROJECT LEADER: C. CARLSON	DRAWN BY: C. BURRALL
DESIGNED BY: C. BURRALL	CHECKED BY: J. LACROIX
GENERAL NOTES SHEET 2	SHEET II OF 175