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PROJECT NOTES

GENERAL

- 1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND ITS LATEST REVISIONS, AND THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 2014, AND ITS LATEST REVISIONS.
 - 2. THE DESIGN LIVE LOAD SHALL BE HL-93.
 - 3. ALL WORK AND ANY ASSOCIATED ACTIVITY ON THIS PROJECT SHALL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY LIMITS.
 - 4. THE CONTRACTOR IS MADE AWARE THAT EXISTING UTILITIES ARE WITHIN THE CONSTRUCTION LIMITS OF BRIDGE NO. 99. THE LOCATION OF ANY UTILITY INFORMATION ON THE PLANS IS APPROXIMATE. NO CLAIMS ARE MADE TO THE ACCURACY OR COMPLETENESS OF THE UTILITIES SHOWN. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING AND PROTECTING FROM DAMAGE ALL UTILITIES ON SITE DURING ALL STAGES OF CONSTRUCTION. ANY DAMAGE TO UTILITIES DUE DIRECTLY TO THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 - 5. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL COLD PLANED SURFACES AT THE RATE OF 0.08 GAL/SY AND BETWEEN ALL COURSE OF PAVEMENT AT THE RATE OF 0.040 GAL/SY OR AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.680, "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, TYPE IVB)".
 - 6. ANY REQUIRED SAWCUT OF EXISTING PAVEMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.680, "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, TYPE IVB)".
 - 7. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID UNDER ITEM 402.12, "AGGREGATE SHOULDERS".
 - 8. THE CONTRACTOR SHALL COORDINATE WITH VTRANS DISTRICT 3 TRANSPORTATION ADMINISTRATOR, ROBERT FALEY AT 802-786-5826, BEFORE CLOSING THE BRIDGE.
- ENVIRONMENTAL**
- 9. EROSION CONTROL MEASURES SHALL BE UTILIZED AS REQUIRED AND SHALL CONFORM TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL FROM THE AGENCY OF NATURAL RESOURCES. PAYMENT FOR SILT FENCE WILL BE PAID FOR UNDER ITEM 649.515, "GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED". PAYMENT FOR ALL OTHER EROSION CONTROL MEASURES, IF APPLICABLE, WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.
 - 10. THE DESIGN INTENT IS TO ALLOW THE CONTRACTOR TO STAGE IN THE TRAVELED ROADWAY OF THE APPROACHES TO THE BRIDGE DURING THE CLOSURE PERIOD. ANY STAGING AREAS OUTSIDE OF THIS SHALL BE CLEARED FOR RESOURCES THROUGH THE VTRANS ENVIRONMENTAL UNIT.
 - 11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE DRIVEWAY ON THE NORTHEAST CORNER OF THE PROJECT. A TEMPORARY ACCESS DRIVE MAY BE REQUIRED TO FACILITATE CONSTRUCTION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL PERMITTING REQUIRED TO CONSTRUCT A TEMPORARY ACCESS DRIVEWAY. ANY MATERIAL NEEDED TO BUILD A TEMPORARY DRIVE ACCESS WILL BE PAID UNDER ITEM 401.10, "AGGREGATE SURFACE COURSE". AN ESTIMATED QUANTITY OF 26 CY HAS BEEN INCLUDED IN THE ESTIMATE FOR THIS WORK.

TRAFFIC CONTROL

- 12. AS PART OF ITEM 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE)", THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PACKAGE FOR ALL STAGES OF CONSTRUCTION TO THE PROJECT MANAGER FOR APPROVAL IN ACCORDANCE WITH SUBSECTION 105.03 AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN AN APPROPRIATE DISCIPLINE IN THE STATE OF VERMONT. THE PACKAGE SHALL IDENTIFY CONSTRUCTION ACTIVITIES BEFORE, DURING, AND AFTER THE BRIDGE CLOSURE PERIOD, AND SHALL INCLUDE A LAYOUT SHOWING ALL ON- AND OFF-PROJECT SIGNS AND BARRICADES AND ANY OTHER DETAILS ASSOCIATED WITH THE TRAFFIC CONTROL.
- 13. ALL ITEMS REQUIRED TO PREPARE, SUBMIT, AND IMPLEMENT THE CONTRACTOR'S PLAN, INCLUDING ANY NECESSARY REVISIONS TO THE PLAN, WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)". THE PAY ITEM INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - TRAFFIC CONTROL PLAN
 - TEMPORARY TRAFFIC BARRIERS
 - BARRICADES
 - DRUMS/CONES
 - PROJECT CONSTRUCTION SIGNING
 - TEMPORARY PAVEMENT MARKINGS (IF REQUIRED)

TRAFFIC CONTROL ITEMS NOT PAID FOR IN THE UNIT PRICE BID FOR ITEM 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)", AND PAID FOR SEPARATELY INCLUDE THE FOLLOWING:

 - ITEM 630.10, "UNIFORMED TRAFFIC OFFICERS"
 - ITEM 630.15, "FLAGGERS"
 - ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN"

THE CONTRACTOR SHALL ALLOW TWO WEEKS FOR APPROVAL OF THE TRAFFIC CONTROL PLAN. NO WORK SHALL COMMENCE UNTIL THE CONTRACTOR HAS AN APPROVED TRAFFIC CONTROL PLAN.
- 14. DURING CLOSURE PERIOD, TRAFFIC SHALL BE MAINTAINED BY A REGIONAL DETOUR AS SHOWN ON SHEET 13. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROVIDING CLOSURE SIGNAGE AS SHOWN ON SHEET 13 IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD AND VTRANS STANDARDS. PAYMENT FOR BRIDGE CLOSURE SIGNAGE WILL BE MADE UNDER ITEM 900.645, "SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)". ANY COORDINATION REQUIRED BETWEEN THE CONTRACTOR AND THE TOWN OF LUDLOW WILL BE AT NO ADDITIONAL COST TO THE STATE. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING THE CLOSURE PERIOD.

LRFR LOAD RATING FACTORS

LOADING LEVELS	TRUCK						
	H-20	HL-93	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
TONNAGE	20	36	36	66	30	34.5	38
INVENTORY	1.57	1.29					
POSTING							
OPERATING	2.04	1.68	4.18	2.72	2.82	3.38	3.59
COMMENTS:	3S2, 6 AXLE, 4A. STR. AND 5A. SEMI TRUCKS CONTROLLED BY EXTERIOR BEAM SERVICE II, ALL OTHER TRUCKS CONTROLLED BY DECK						



PROJECT NAME:	LUDLOW
PROJECT NUMBER:	STP DECK(39)
FILE NAME:	z15bi09notes-99.dgn
PLOT DATE:	8/3/2016
PROJECT LEADER:	J. BYATT
DRAWN BY:	M. SMITH
DESIGNED BY:	S. BEAUMONT
CHECKED BY:	N. CARON
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