

ACTION ITEM NOTES:

1 THE 1-91 NORTHBOUND (NB) HARTFORD REST AREA IS THE START OF THE PROJECT. THE NB HARTFORD REST AREA HAS BEEN PARTIALLY DEMOLISHED AND IS CURRENTLY CLOSED AND NOT IN USE. ANY SCHEDULED UPGRADES TO THIS SITE ARE UNKNOWN. THE 1-91 NB HARTFORD REST AREA IS THE FUTURE LOCATION OF A VTRANS NETWORK REGENERATION SITE.

THE NETWORK REGENERATION SITE SHALL BE A FENCED IN AREA APPROXIMATELY 85FT BY 150 FT, PROVIDING VTRANS WITH 4 TO 6 UNITS, APPROXIMATELY 10FT X 30FT IN SIZE. AN INDIVIDUAL BAY WILL BE USED AS A COMMUNICATIONS DATA CENTER WHERE THE FIBER OPTIC NETWORKS WILL TERMINATE/JOIN, PROVIDING A NETWORK NODE LOCATION FOR VTRANS.

THE CONTRACTOR IS RESPONSIBLE FOR UTILIZING AN EXISTING MANHOLE AT THE 1-91 NB REST AREA AND AN EXISTING 6" HDPE BORE CASING BETWEEN THE 1-91 NORTHBOUND AND SOUTHBOUND (SB) HARTFORD REST AREA. A MANHOLE AT THE 1-91 NB REST AREA WAS FOUND TO BE FILLED WITH WATER DURING FIELD INVESTIGATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THIS MANHOLE, THE 6" HDPE BORE CASING, AND VERIFYING THE CONNECTION TO THE 1-91 SB REST AREA. THE CONTRACTOR SHALL INSTALL 6 NEW MAXCESS, OR APPROVED EQUAL, INNER DUCTS. TWO OF THE INNER DUCTS SHALL BE INSTALLED WITHIN AN EXISTING 2" HDPE INNER DUCT LOCATED WITHIN THE EXISTING 6" BORE CASING TO SPLICE VAULT #1 AS SHOWN ON THE CONTRACT PLANS FOR USE BY VTRANS. THE CONTRACTOR SHALL ALSO INSTALL 4 INNER DUCTS IN THE EXISTING 6" HDPE BORE CASING TO SPLICE VAULT #1 AS SHOWN ON THE CONTRACT PLANS FOR USE BY OTHERS.

THE CONTRACTOR IS RESPONSIBLE FOR SECURING 500FT OF SPARE FIBER OPTIC CABLE WITHIN THE EXISTING MANHOLE AND INSTALLING THE FIBER OPTIC WITHIN THE EXISTING 2" HDPE INNER DUCT. FOR ADDITIONAL INFORMATION REFER TO THE CONTRACT ROUTE LAYOUT PLANS.

2 THE 1-91 SB HARTFORD REST AREA IS ANTICIPATED TO BE CLOSED AND UNDER CONSTRUCTION FOR IMPROVEMENTS; EXACT DATES HAVE NOT BEEN CONFIRMED. ALL FIBER OPTIC INFRASTRUCTURE LOCATIONS ARE APPROXIMATE AND FIELD VERIFICATION IS REQUIRED BY THE CONTRACTOR. PROPOSED REST AREA CONSTRUCTION AND UTILITY PLANS HAVE BEEN SUPPLIED BY VTRANS AND INCLUDED IN THE CONTRACT PLANS FOR REFERENCE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY INFORMATION AT THE REST AREA AND TO COORDINATE CONSTRUCTION ACTIVITIES WITH ANY OTHER CONSTRUCTION ACTIVITIES OR CONDITIONS AT THE REST AREA PRIOR TO BID AND CONSTRUCTION. THE CONTRACTOR SHALL INSTALL SPLICE VAULT #1 AT THIS REST AREA.

THE SPLICE VAULT SHALL INTERCEPT THE EXISTING 6" HDPE BORE CASING AS SPECIFIED ON THE CONTRACT PLANS. THE CONTRACTOR SHALL INSTALL INNER DUCTS 1 AND 2 WITHIN THE 2" INNER DUCT INTO THE 4FT X 4FT X 6FT CONCRETE SPLICE VAULT. THE SPLICE VAULT SHALL HAVE A MINIMUM H-20 LOAD RATING, DIAMOND PLATE LOCKABLE LID, CLOSED BOTTOM, AND SECURING HARDWARE FOR INSTALLATION OF THE REMAINING 4 INNER DUCTS IN THE ADJACENT 4FT X 6FT X 3FT. ADDITIONAL DUCT OR CARRIERS MAY BE REQUIRED FOR THIS INSTALLATION. FOR ADDITIONAL INFORMATION REFER TO THE CONTRACT ROUTE LAYOUT PLANS.

3 THE CONTRACTOR SHALL INSTALL SIX 1-1/4" HDPE DUCTS FROM SPLICE VAULT #2 (STA. 45+25) TO SPLICE VAULT #3 (STA. 5+00) WITH ONE INTERMEDIATE HANDHOLE AT STA. 24+00. THESE CONDUITS SHALL BE SIX DISSIMILAR COLORS, OR CONTAIN DIFFERENT MARKINGS THAN THE DUCTS INSTALLED ON THE RUNNING LINE FOR THE ENTIRE PROJECT. THE CONTRACTOR IS NOT RESPONSIBLE FOR THE INSTALLATION OF ANY FIBER OPTIC CABLES IN THESE CONDUITS. THE CONDUITS SHALL BE AIR TESTED AND HAVE MULE TAPE INSTALLED IN THE SAME FASHION AS ALL OTHER DUCTS ON THIS PROJECT. THE SOUTHEAST SIDE OF BOTH THE SPLICE VAULT MANHOLE AND HANDHOLE SHALL HAVE AN ADDITIONAL MANUFACTURER PENETRATION TO INCORPORATE THE INSTALLATION OF ADDITIONAL DUCTS TO SPLICE VAULT #2. AT THE HANDHOLE #3 LOCATION THE CONTRACTOR SHALL INSTALL DUCTS 1A AND 2A IN THE 3FT X 5FT X 3FT HANDHOLE AND THE REMAINING DUCTS 3A, 4A, 5A AND 6A IN THE 4FT X 6FT X 3FT HANDHOLE. FOR ADDITIONAL INFORMATION ON THE INSTALLATION OF SPLICE VAULT #3 REFERENCE CONSTRUCTION NOTE 15. FOR SPECIFIC INFORMATION ON THE SPLICE VAULT LOCATION DESIGN, REFERENCE THE DETAIL PROVIDED WITHIN THE CONTRACT DOCUMENTS.

4 APPROXIMATE LOCATIONS OF KNOWN EXISTING UTILITIES HAVE BEEN IDENTIFIED ON THE CONTRACT PLANS FOR THE VERMONT ROUTE 5 BORE CROSSING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALL DIG SAFE AND VERIFY ALL FIELD CONDITIONS PRIOR TO THE START OF WORK.

5 SHARON REST AREA IS UNDERGOING RENOVATIONS. THE LOCATION OF THE PROPOSED FIBER OPTIC INFRASTRUCTURE IS APPROXIMATE AND FIELD VERIFICATION IS REQUIRED BY THE CONTRACTOR. REST AREA CONSTRUCTION AND UTILITY PLANS HAVE BEEN SUPPLIED BY VTRANS AND ARE INCLUDED IN THE CONTRACT PLANS FOR REFERENCE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE REST AREA AND CONSTRUCTION PROGRESS OR CONDITIONS IN THE FIELD PRIOR TO BID AND CONSTRUCTION.

THE SHARON REST AREA WILL INCORPORATE ONE 4FT X 4FT X 6FT CONCRETE SPLICE VAULT FOR CONDUITS 1 AND 2. THE SPLICE VAULT SHALL HAVE A MINIMUM LOAD RATING OF H-20, DIAMOND PLATE LOCKABLE LID, CLOSED BOTTOM, AND SECURING HARDWARE FOR CONDUITS 3,4,5 AND 6. THE SPLICE VAULT WILL BE LOCATED WITHIN A MAXIMUM OF 150FT FROM THE EXISTING UTILITY POLE FOUND AT THE SOUTH EAST CORNER OF THE SITE. THE FIBER OPTIC AND CONDUIT INFRASTRUCTURE WILL ENTER THE REST AREA BUILDING IN THE FUTURE.

THE CONTRACTOR IS RESPONSIBLE FOR SECURING 500FT OF SPARE FIBER OPTIC CABLE WITHIN THE PROPOSED SPLICE VAULT. FOR ADDITIONAL INFORMATION REFER TO THE CONTRACT PLANS.

6 UNDERGROUND UTILITIES WERE OBSERVED IN THE FIELD ALONG THE NORTH SIDE OF VERMONT ROUTE 132 BETWEEN THE ON AND OFF RAMPS TO I-89. THE APPROXIMATE LOCATION IS SHOWN ON THE CONTRACT PLANS, BUT THE ACTUAL LOCATION IS UNKNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALL DIG SAFE AND VERIFY ALL FIELD CONDITIONS PRIOR TO THE START OF WORK.

7 END OF PROJECT LOCATION. RUNNING LINE CONDUITS TO BE STUBBED OUT OF GROUND A MINIMUM OF 5FT. A MINIMUM 150FT OF FIBER OPTIC CABLE SHALL BE COILED AND STORED IN THE MEET ME HANDHOLE LOCATED AT THE BOTTOM OF THE POLE. THE COIL SHALL COMPENSATE FOR THE FIBER TO TRANSITION FROM THE HANDHOLE, OUT TO THE OPEN END OF CONDUIT, WITH A MINIMUM 50FT COIL REMAINING.

PROJECT NAME: HARTFORD SHARON
PROJECT NUMBER: FITS503

FILE NAME: z06e142GNT5.dgn
PROJECT LEADER: J. YOUNG
DESIGNED BY: J. DURANTE
ACTION ITEM NOTES

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DRAWN BY: S. GUNN
CHECKED BY: J. YOUNG
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