

CONSTRUCTION SEQUENCE

THE PROPOSED CONSTRUCTION SEQUENCE FOR THE PROJECT ANTICIPATES THAT CONSTRUCTION WILL BE SUBSTANTIALLY COMPLETE WITHIN TWO CONSTRUCTION SEASONS WITH THE PLANTING OF TREES AND SHRUBS IN THE SPRING OF THE THIRD CONSTRUCTION SEASON. THE SEQUENCE LISTED BELOW IS INTENDED AS A GUIDELINE. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE COMMENCING WORK.

DURING STAGED CONSTRUCTION OF MAIN STREET, THE CONTRACTOR SHALL MINIMIZE THE LENGTH OF ONE-LANE TRAVEL AND TRAVEL ON SUBBASE, THEREFORE, THE CONTRACTOR SHALL DIVIDE THE PROJECT INTO SECTIONS. ONE-LANE TRAVEL SHALL NOT EXCEED 150 METERS. THE CONTRACTOR MAY WORK IN TWO NON-ADJACENT SECTIONS SIMULTANEOUSLY; HOWEVER, PAVEMENT SHALL BE COMPLETED TO THE BINDER COURSE BEFORE MOVING TO A THIRD SECTION. THE FOLLOWING LIMITS ARE SUGGESTED FOR PROJECT SECTIONS.

- SECTION 1 STATION 18+507.73 TO STATION 18+840
- SECTION 2 STATION 18+840 TO STATION 19+040
- SECTION 3 STATION 19+040 TO STATION 19+240
- SECTION 4 STATION 19+240 TO STATION 19+470
- SECTION 5 STATION 19+470 TO STATION 19+910

CONTRACTOR TO ENSURE THAT ALL EXCAVATIONS ARE ADEQUATELY SECURED TO PROVIDE AND PROTECT THE SAFETY OF THE TRAVELING PUBLIC AND OPENED TO TRAFFIC AT THE END OF EACH WORKDAY. MAXIMUM TRAVEL TIME ON GRAVEL SURFACES INCLUDING TRENCH CUTS SHALL BE 24 HOURS, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER. ALL WORK AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.

YEAR 1

STAGE 1: VILLAGE GREEN AND MAIN STREET UTILITY CONSTRUCTION

RECONSTRUCT THE STREETS BORDERING THE GREEN, INCLUDING PARK ST, PEACHAM RD, BRAINERD ST, AND SMITH ST. THE STREETS SHALL BE CLOSED AND RECONSTRUCTED ONE STREET AT A TIME TO THE BINDER COURSE. THE LIMITS OF RECONSTRUCTION ARE SHOWN ON SHEET TC-5. LOCAL TRAFFIC ACCESS SHALL BE MAINTAINED DURING RECONSTRUCTION. BRAINERD STREET SHALL REMAIN OPEN TO TRAFFIC DURING THE RECONSTRUCTION OF PARK STREET AND PEACHAM ROAD. BRAINERD STREET SHALL BE CLOSED AND REMOVED DURING THE RECONSTRUCTION OF SMITH STREET.

UNDERGROUND UTILITY RELOCATION ON MAIN STREET WILL TAKE PLACE DURING THIS STAGE.

CONSTRUCTION OF SECTION 5 ON MAIN STREET WILL BE PERMITTED IN THE FIRST YEAR, ACCORDING TO THE CONSTRUCTION SEQUENCE FOR STAGE 2 AND STAGE 3.

YEAR 2

STAGE 2: SOUTH SIDE CONSTRUCTION

CONSTRUCT TEMPORARY WIDENING WHERE NECESSARY ON THE NORTH SIDE OF MAIN STREET AS SHOWN ON TYPICAL SECTION (STAGE 2) ON SHEET TC-2. RECONSTRUCT THE SOUTH SIDE (EASTBOUND LANE) OF MAIN STREET AS SHOWN ON THE PLANS AND TYPICAL SECTION. FLAGGERS SHALL BE USED TO MAINTAIN ONE-LANE TRAFFIC CONTROL IN THE WORK ZONE DURING THE DAY. IN THE EVENING, EASTBOUND TRAFFIC WILL BE DIRECTED ONTO THE SUBBASE AND/OR PAVEMENT OF THE EASTBOUND LANE.

YEAR 2 (CONTINUED)

STAGE 3: NORTH SIDE CONSTRUCTION

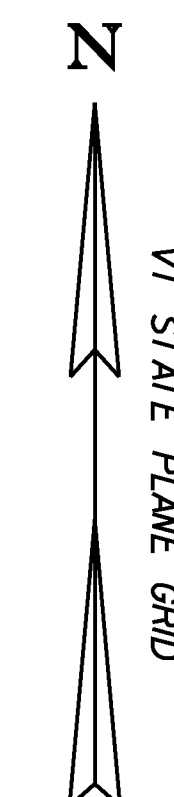
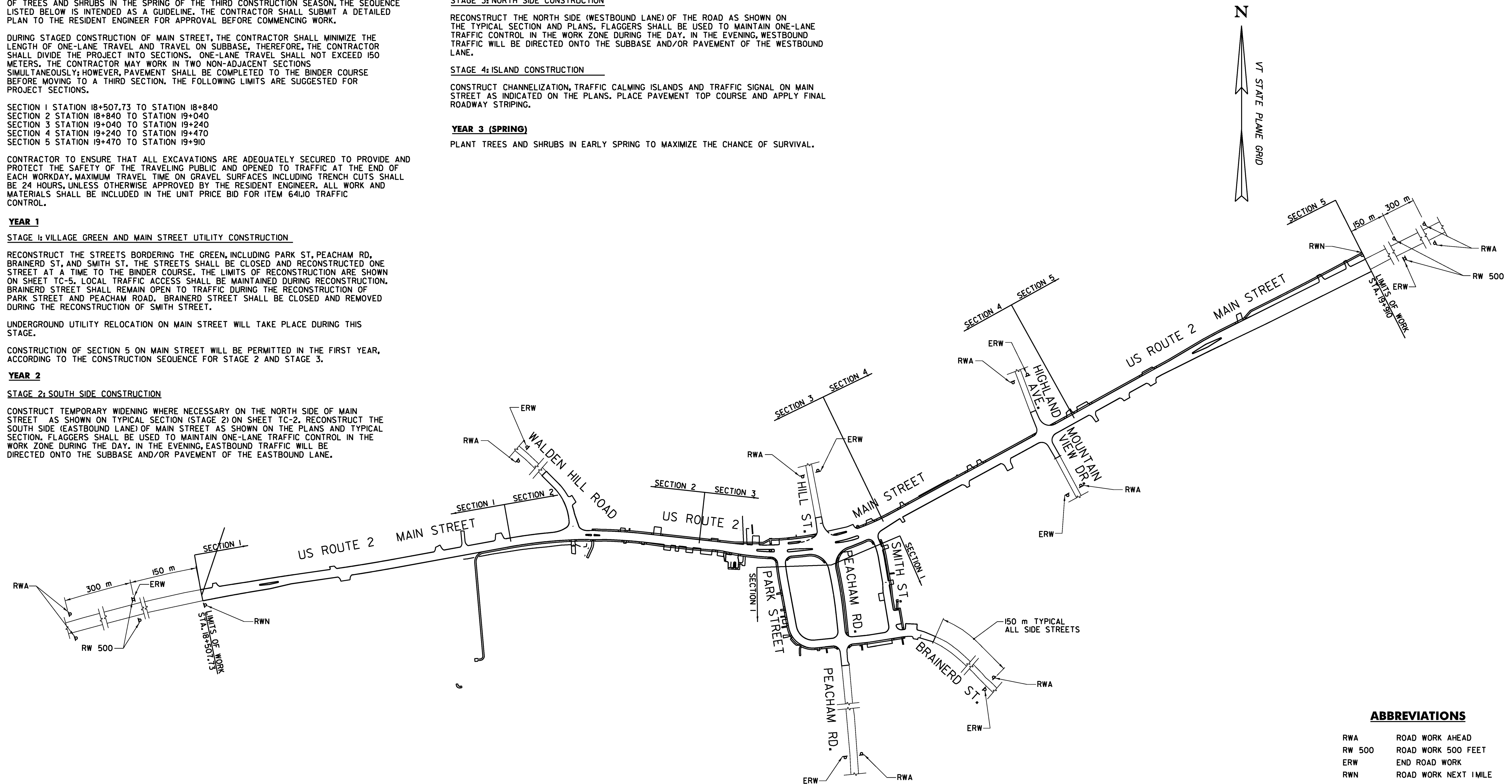
RECONSTRUCT THE NORTH SIDE (WESTBOUND LANE) OF THE ROAD AS SHOWN ON THE TYPICAL SECTION AND PLANS. FLAGGERS SHALL BE USED TO MAINTAIN ONE-LANE TRAFFIC CONTROL IN THE WORK ZONE DURING THE DAY. IN THE EVENING, WESTBOUND TRAFFIC WILL BE DIRECTED ONTO THE SUBBASE AND/OR PAVEMENT OF THE WESTBOUND LANE.

STAGE 4: ISLAND CONSTRUCTION

CONSTRUCT CHANNELIZATION, TRAFFIC CALMING ISLANDS AND TRAFFIC SIGNAL ON MAIN STREET AS INDICATED ON THE PLANS. PLACE PAVEMENT TOP COURSE AND APPLY FINAL ROADWAY STRIPING.

YEAR 3 (SPRING)

PLANT TREES AND SHRUBS IN EARLY SPRING TO MAXIMIZE THE CHANCE OF SURVIVAL.



NOTES:

1. CONSTRUCTION APPROACH SIGNING (RWA AND ERW) ON SIDE STREETS SHALL BE PLACED AT 150 m FROM THE LIMIT OF WORK, OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. REFERENCE VTRANS' STANDARD SHEET E-100.

CONSTRUCTION APPROACH SIGNING

N.T.S.

ABBREVIATIONS

RWA	ROAD WORK AHEAD
RW 500	ROAD WORK 500 FEET
ERW	END ROAD WORK
RWN	ROAD WORK NEXT 1 MILE

PROJECT NAME: DANVILLE
PROJECT NUMBER: F EGC 028-3(32)

FILE NAME: ...\\highway\plotfiles\cas.PTF PLOT DATE: 1/18/2011
DESIGN SUPERVISOR: GARY SANTY DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: STANTEC
CONSTRUCTION APPROACH SIGNING CAS-1 SHEET 217 OF 306

