Metric

INTRODUCTION

1. THE FOLLOWING TRAFFIC CONTROL PLAN IS INTENDED TO BE A GENERAL CONCEPT FOR STAGING THE WORK WHILE MAINTAINING TRAFFIC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIFIC DETAILS TO ADDRESS SPECIFIC SITUATIONS. THE CONTRACTOR MAY SUBMIT AN ALTERNATE PROPOSAL TO THE RESIDENT ENGINEER. THE CONTRACTOR MUST ALLOW AT LEAST 30 CALENDAR DAYS FOR REVIEW AND APPROVAL OF A COMPREHENSIVE PLAN AND 2 WEEKS FOR REVIEW AND APPROVAL OF MINOR CHANGES/DETAILS.

2. REFER TO STANDARD SPECIFICATIONS SECTION 641 FOR FURTHER INFORMATION ON TRAFFIC CONTROL.

3. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE 2003 OR CURRENT FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND VTRANS STANDARDS E-100, E-100A, E-101, E102, E102A, E-103, E-106, E-107, E-107A, AND E-110.

GENERAL

4. THE BID PRICE FOR TRAFFIC CONTROL - ITEM 641.10 SHALL INCLUDE (AS IDENTIFIED IN THE VTRANS 2006 STANDARD SPECIFICATIONS) ALL CONSTRUCTION SIGNING, BARRELS, CONES, DELINEATORS, BARRICADES, AND TEMPORARY REGULATORY AND WARNING SIGNS AND POSTS. ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES SHALL ALSO BE INCLUDED. THE FOLLOWING ITEMS WILL BE PAID UNDER THEIR SPECIFIC BID PRICES.

   301.35 - SUBBASE OF DENSE GRADED CRUSHED STONE
   490.30 - SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
   621.57 - ENERGY ABSORPTION ATTENUATOR
   621.90 - TEMP. TRAFFIC BARRIER
   621.95 - REMOVE AND RESET TEMPORARY TRAFFIC BARRIER
   630.10 - UNIFORMED TRAFFIC OFFICERS
   630.15 - FLAGGERS
   641.12 - PUBLIC RELATIONS OFFICER
   641.15 - PORTABLE CHANGEABLE MESSAGE SIGN RENTAL
   646.620 - TEMPORARY 150 MM WHITE LINE
   646.630 - TEMPORARY 150 MM YELLOW LINE
   646.660 - TEMPORARY 300 MM WHITE LINE
   646.690 - TEMPORARY LETTER OR SYMBOL

5. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 641 TRAFFIC CONTROL OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION 2006, THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), AND ANY PROVISIONS IN THE PLANS AND/OR CONTRACT, OR AS DIRECTED BY THE ENGINEER.

6. THE TRAFFIC CONTROL PLANS SHOWN ARE CONSIDERED TO BE MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/OR CONTROL DEVICES MAY RE REQUIRED AS DIRECTED BY THE ENGINEER. THESE WILL BE PAID AS INCIDENTAL TO FOR UNDER ITEM 641.10 TRAFFIC CONTROL.

7. THE SIGN LOCATIONS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

8. VEHICLES BELONGING TO THE CONTRACTOR OR WORKERS SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS ALONG A ROADWAY BEING USED BY THE GENERAL PUBLIC. VEHICLES SHALL NOT BE PARKED IN A MANNER WHICH OBSTRUCTS ANY SIGNS, BANNERS, BARRICADES, OR ANY OTHER TRAFFIC CONTROL DEVICES.

9. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIAL WHERE IT IS DEEMED BY THE ENGINEER TO BE A SAFETY HAZARD.

10. ANY EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE REMOVED AS DIRECTED BY THE RESIDENT ENGINEER. THE WORK SHALL PAID UNDER ITEM 646.85, REMOVAL OF EXISTING PAVEMENT MARKINGS.

11. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE THE LENGTH OF TIME THAT NORMAL TRAFFIC FLOWS ARE DISTURBED.

12. TEMPORARY PAVEMENT MARKINGS AND/OR DELINEATION DEVICES SHALL BE PROVIDED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

13. THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR EACH CONSTRUCTION STAGE.

14. DUST CONTROL IS TO BE PAID FOR UNDER ITEM 609.10 OR ITEM 609.15, AS DIRECTED BY THE ENGINEER.

15. THE CONTRACTOR SHALL NOT MIX DELINEATION DEVICES IN A LINEAR CLOSURE OR TAPER (I.E. CONES, VERTICAL PANELS, OR DRUMS SHALL NOT BE USED IN THE SAME TAPER OR CLOSURE). HOWEVER, DIFFERENT DELINEATION DEVICES MAY BE USED IN DIFFERENT AREAS OF THE PROJECT.

GENERAL (CONT.)

16. THE CONTRACTOR SHALL COORDINATE ANY UTILITY WORK, SUBCONTRACTOR WORK, PUBLIC MAINTENANCE, OR OTHER CONSTRUCTION OPERATIONS IN THE AREA, AND IS RESPONSIBLE TO ENSURE THAT PROPER TRAFFIC CONTROL IS OBTAINED FOR ALL CONDITIONS.

17. DROP OFF PROTECTION IN CONSTRUCTION AREAS SHALL CONFORM TO VTRANS STANDARD SHEET E-108.

18. IN ACCORDANCE WITH ITEM 641.10 TRAFFIC CONTROL, THE CONTRACTOR SHALL MAINTAIN DRAINAGE FACILITIES AND OTHER HIGHWAY ELEMENTS. THE CONTRACTOR SHALL DEVOTE PARTICULAR ATTENTION TO ALL DRAINAGE FACILITIES TO KEEP THEM FULLY OPERATIVE AT ALL TIMES (INCLUDING WORK AREAS). ALL COSTS ASSOCIATED WITH THIS WORK IS INCIDENTAL TO ITEM 641.10.

EMERGENCY ACCESS

19. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR MUST PROVIDE SAFE AND CONVENIENT EMERGENCY ACCESS. LOCAL FIRE, POLICE, AND AMBULANCE AGENCIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK IN ORDER TO COORDINATE AND MAINTAIN SUFFICIENT EMERGENCY ROUTES.

20. THE CONTRACTOR SHALL SUBMIT TO THE APPROPRIATE LAW ENFORCEMENT AND EMERGENCY AGENCIES IN WRITING THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE PERSON OR PERSONS AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE THE NORMAL WORKING HOURS. DUPLICATE COPIES OF THE ABOVE SHALL BE FILED WITH THE ENGINEER.

SIGNS

21. THE COVERING AND/OR REMOVING, RELOCATING, AND REPLACING OF EXISTING SIGN PANELS AND ASSEMBLIES SHALL BE AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL - ITEM 641.10. SIGNS WHICH ARE NOT APPLICABLE DURING NON-WORKING HOURS SHALL BE COMPLETELY COVERED SO NO PART OF THE SIGN CAN BE SEEN, OR SHALL REMOVED FROM VIEW AS DIRECTED BY THE ENGINEER.

22. CARE SHOULD BE TAKEN NOT TO DAMAGE THE PERMANENT SIGNS IF THEY ARE COVERED. ANY SIGN SO DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.

23. ADVANCE POSTING DISTANCE FOR SIGNS SHALL BE PER VTRANS STANDARD SHEETS E-100 AND E-100A.

24. ALL CONSTRUCTION SIGNS SHALL BE BLACK LETTERS ON REFLECTORIZED ORANGE BACKGROUND, AS IN SPECIFIED VTRANS STANDARDS.

25. EXISTING SIGNING SHALL REMAIN, WITH RELOCATION AS NECESSARY, UNTIL IT IS NO LONGER NEEDED. TEMPORARY SIGNING SHALL BE ADDED, AS NEEDED AND AS REQUIRED BY THE M.U.T.C.D. NEW SIGNING SHALL BE INSTALLED AS IT BECOMES APPLICABLE AND AS CONSTRUCTION NEARS COMPLETION IN EACH STAGE.

FLAGGING

26. FLAGGING STATIONS SHALL BE ADJACENT TO THE TRAFFIC LANES BEING CONTROLLED AND SHALL BE POSITIONED SO THAT FLAGGER VISIBILITY TO APPROACHING TRAFFIC IS OPTIMIZED. THE FLAGGER SHALL BE READILY VISIBLE TO APPROACHING TRAFFIC BETWEEN 75 m AND 100 m IN ADVANCE OF THE FLAGGER LOCATION. ACCORDINGLY, THE TANGENT DIMENSIONS ON EACH END OF THE WORK AREA SHALL BE ESTABLISHED TO ACHIEVE THE APPROPRIATE FLAGGING STATION LOCATION, AS DIRECTED BY THE RESIDENT ENGINEER.

27. FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE-TALKIES OR OTHER FORMS OF ENHANCED COMMUNICATION WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER, OR IF THE ENGINEER DEEMS IT NECESSARY. COST TO BE INCLUDED IN ITEM 641.10 - TRAFFIC CONTROL.

28. STOP/SLOW PADDLES SHALL BE USED FOR ALL FLAGGING, AND SHALL CONFORM TO THE REQUIREMENTS SET FORTH ON THE VTRANS STANDARD SHEET E-102.

Stantec

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