

## PROJECT NOTES

### GENERAL

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011 AND ITS LATEST REVISIONS.
2. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES FAHRENHEIT, UNLESS NOTED OTHERWISE.
3. EXISTING CONDITIONS ARE BASED ON AN APRIL 2002 SURVEY CONDUCTED BY VERMONT SURVEY AND ENGINEERING, INC. AND MERGED WITH A PROPOSED CONDITIONS PLAN FROM FEBRUARY 2009 DEVELOPED BY STANTEC.
4. THE FINISH GRADE OF THE OPEN GRADED FRICTION COURSE AND BITUMINOUS CONCRETE PAVEMENT SHALL MATCH THE EXISTING GRADE OF THE CURRENT PARK AND RIDE UPPER LOT. THE CONTRACTOR SHALL DETERMINE THE EXISTING GRADE OF THE PARK AND RIDE LOT ALONG WITH THE CURB REVEAL USING TOPOGRAPHICAL SURVEY, SPOT ELEVATIONS, ETC. TO THE SATISFACTION OF THE ENGINEER TO BE ABLE TO MATCH THE EXISTING GRADE OF THE PARK AND RIDE UPPER LOT. ALL COSTS FOR DETERMINING THE EXISTING GRADE OF THE PARK AND RIDE TO THE SATISFACTION OF THE ENGINEER WILL BE PAID FOR UNDER ALL CONTRACT ITEMS.
5. THE EXISTING TEMPORARY CONCRETE TRAFFIC BARRIER SHALL BE REMOVED AND DELIVERED TO THE DISTRICT GARAGE AT 100 BETTIS RD, RANDOLPH CENTER, VT 05061. THE CONTRACTOR SHALL CONTACT DISTRICT 4 GENERAL MANAGER TREVOR STAR AT (802) 296-5566 TO COORDINATE DELIVERY OF THE TEMPORARY CONCRETE TRAFFIC BARRIER. ALL COSTS ASSOCIATED WITH THE REMOVAL, COORDINATION, AND DELIVERY OF THE TEMPORARY TRAFFIC BARRIER WILL BE PAID FOR UNDER ITEM 621.95 "REMOVE AND RESET TEMPORARY TRAFFIC BARRIER".
6. THE EXISTING SPLIT RAIL FENCE ON THE WEST SIDE OF THE UPPER LOT OF THE PARK AND RIDE SHALL BE REMOVED AND REPLACED. REMOVAL OF THE EXISTING FENCE WILL BE PAID FOR UNDER ITEM 620.55, "REMOVAL OF EXISTING FENCE". REPLACEMENT OF THE EXISTING FENCE WILL BE PAID FOR UNDER ITEM 900.640, "SPECIAL PROVISION (SPLIT RAIL FENCE)".
7. TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT A RATE OF 0.050 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT, AND 0.080 GAL/SY ON MILLED SURFACES AS DIRECTED BY THE ENGINEER. EMULSIFIED ASPHALT WILL BE PAID FOR UNDER ITEM 404.65, "EMULSIFIED ASPHALT".

### UTILITIES

8. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE LOCATIONS OF THE EXISTING UTILITIES HAS NOT BEEN VERIFIED. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS.
9. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED AND THE INFORMATION FURNISHED IN WRITING TO THE ENGINEER.

### TRAFFIC CONTROL

10. THE PARK AND RIDE SHALL REMAIN OPEN DURING CONSTRUCTION. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE LOWER PORTION OF THE EXISTING PARK AND RIDE, BUS SHELTER, BICYCLE RACK, AND THE SIDEWALK ON THE WESTERN SIDE OF THE UPPER LOT. THE PARK AND RIDE SHALL BE CONSTRUCTED IN PHASES TO MAINTAIN HALF OF THE UPPER PARK AND RIDE LOT AS SHOWN ON THE PHASED CONSTRUCTION SHEET.
11. THE TRAFFIC CONTROL PLAN FOR CONSTRUCTION OF THE PARK AND RIDE IS INCLUDED HEREIN ON THE CONSTRUCTION APPROACH SIGNING SHEET AND THE PHASED CONSTRUCTION SHEET. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY NECESSARY MODIFICATIONS OR SUPPLEMENTS TO THE TRAFFIC CONTROL PLAN TO ACCOMMODATE SITE SPECIFIC ISSUES AND/OR OPERATIONS FOR THE CONSTRUCTION OF THE PARK AND RIDE. THE PHASING OF THE PARK AND RIDE LOT SHALL BE IN ACCORDANCE WITH THE PHASED CONSTRUCTION SHEET. ALL COSTS ASSOCIATED WITH DEVELOPING, SUBMITTING, AND REVISING THE CONTRACTOR'S TRAFFIC CONTROL PLAN WILL BE INCLUDED IN ITEM 641.10, "TRAFFIC CONTROL".
12. IN THE EVENT OF AN EMERGENCY VEHICLE ENTERING OR EXITING THE CONSTRUCTION AREA, ALL WORK WILL BE IMMEDIATELY STOPPED AND A CLEAR TRAVEL LANE WILL BE PROVIDED TO THE EMERGENCY VEHICLE. WORK CREWS AND FLAGGERS WILL COMMUNICATE THROUGH RADIO AND ENSURE SAFE PASSAGE IS PROVIDED TO ALL EMERGENCY VEHICLES.
13. ALL COSTS ASSOCIATED WITH IMPLEMENTING TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO THE INSTALLATION AND REMOVAL OF SIGNS AND SIGN POSTS, INSTALLATION AND MAINTENANCE OF THE DRUMS FOR THE FIRST PHASE OF CONSTRUCTION, REMOVAL AND RESETING OF THE DRUMS FOR THE SECOND PHASE OF CONSTRUCTION WILL BE INCLUDED IN THE COST FOR ITEM 641.10, "TRAFFIC CONTROL".

14. PAYMENT FOR FLAGGERS WILL BE MADE UNDER ITEM 630.15, "FLAGGERS". PAYMENT FOR PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) WILL BE MADE UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".

15. THE PCMS SHALL BE USED IN ACCORDANCE WITH SECTION 6F.60 OF THE MUTCD.

16. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE 2009 EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND ITS LATEST REVISIONS AND THE 2004 EDITION OF THE "STANDARD HIGHWAY SIGNS AND MARKINGS" BOOK (SHSM), AND ITS 2012 SUPPLEMENT, PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA).

### EARTHWORK

17. SAW CUTTING OF THE EXISTING PAVEMENT AND POROUS CONCRETE SHALL BE INCIDENTAL TO ALL EXCAVATION ITEMS.
18. THE EXISTING PARKING LOT WAS ORIGINALLY CONSTRUCTED WITH POROUS CONCRETE, AND PORTIONS OF THE POROUS CONCRETE HAVE BEEN OVERLAID WITH BITUMINOUS CONCRETE PAVEMENT. REMOVAL OF THE EXISTING POROUS CONCRETE, OVERLAID BITUMINOUS CONCRETE PAVEMENT AND EXISTING BITUMINOUS CONCRETE PAVEMENT WILL BE PAID FOR UNDER ITEM 203.28, "EXCAVATION OF SURFACES AND PAVEMENTS".
19. THE CONTRACTOR SHALL REMOVE THE ENTIRE EXISTING CHOKER COURSE BELOW THE POROUS CONCRETE AND BITUMINOUS CONCRETE PAVEMENT. REMOVAL OF THE EXISTING CHOKER COURSE WILL BE PAID FOR UNDER ITEM 203.15, "COMMON EXCAVATION".
20. THE CONTRACTOR SHALL REMOVE THE EXISTING SUBBASE TO ALLOW FOR THE INSTALLATION OF 8" OF SPECIAL PROVISION (PERMEABLE BASE) AND 3" OF SPECIAL PROVISION (OPEN GRADED FRICTION COURSE) OR SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY). REMOVAL OF THE EXISTING SUBBASE WILL BE PAID FOR UNDER ITEM 203.15, "COMMON EXCAVATION".
21. THE EXISTING SUBBASE SHALL BE FINE GRADED AND COMPACTED PRIOR TO THE PLACEMENT OF THE SPECIAL PROVISION (PERMEABLE BASE). PAYMENT FOR FINE GRADING AND COMPACTING THE EXISTING SUBBASE WILL BE PAID FOR UNDER ITEM 900.675, "SPECIAL PROVISION (FINE GRADING OF SUBBASE)". SEE SPECIAL PROVISION FOR ADDITIONAL INFORMATION.
22. THE EXISTING GRANITE CURB IN THE TRAFFIC ISLAND SHALL BE REMOVED AND DELIVERED TO THE DISTRICT GARAGE AT 100 BETTIS RD, RANDOLPH CENTER, VT 05061. THE CONTRACTOR SHALL CONTACT DISTRICT 4 GENERAL MANAGER TREVOR STAR AT (802) 296-5566 TO COORDINATE DELIVERY OF THE GRANITE CURB. ALL COSTS ASSOCIATED WITH THE REMOVAL, COORDINATION, AND DELIVERY OF THE GRANITE CURB WILL BE PAID FOR UNDER ITEM 616.41, "REMOVAL OF EXISTING CURB".

### DRAINAGE

23. ALL MONITORING WELLS WITHIN THE EXISTING TRAFFIC ISLAND THAT IS TO BE REMOVED SHALL BE LOWERED TO MATCH THE FINISH GRADE. THE COST FOR LOWERING THE MONITORING WELLS WILL BE PAID FOR UNDER ITEM 900.620 "SPECIAL PROVISION (ADJUSTING ELEVATION OF MONITORING WELLS)". SEE SPECIAL PROVISION FOR ADDITIONAL INFORMATION.
24. ALL UNDERDRAINS AND DRAINAGE STRUCTURES SHALL BE FLUSHED AND CLEANED TO REMOVE EXISTING DEBRIS AND SEDIMENT. THE COST FOR FLUSHING AND CLEANING THE UNDERDRAINS AND DRAINAGE STRUCTURES WILL BE PAID FOR UNDER ITEM 900.625, "SPECIAL PROVISION (FLUSHING AND CLEANING UNDERDRAINS AND DRAINAGE STRUCTURES)". SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
25. THE FINISH GRADE FOR ALL EXISTING DROP INLETS (DI) AND STORMWATER MANHOLES SHALL MATCH THE FINISHED GRADE OF THE OPEN GRADED FRICTION COURSE AND THE BITUMINOUS CONCRETE PAVEMENT. IN THE EVENT IT IS NECESSARY TO MODIFY THE ELEVATION OF A DI OR STORMWATER MANHOLE ITEM 604.40, "CHANGING ELEVATION OF DROP INLETS, CATCH BASIN, OR MAHHOLES" HAS BEEN INCLUDED WITH AN ESTIMATED QUANTITY OF 4 EACH.



PROJECT NAME:	RANDOLPH PARK AND RIDE LOT
PROJECT NUMBER:	CMG PARK (021) C/2
FILE NAME:	z17c060pn.dgn
PROJECT LEADER:	S.E. BURBANK
DESIGNED BY:	J.D. KEENER
PROJECT NOTES	
PLOT DATE:	6/15/2017
DRAWN BY:	J.D. KEENER
CHECKED BY:	E.P. DETRICK
SHEET	5 OF 15