

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2001, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION, DATED 2002, AND ITS LATEST REVISIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL TO INCLUDE, BUT NOT LIMITED TO: FLAGGERS, SIGNING, BARRICADES AND NOTIFICATION TO LOCAL OFFICIALS OF SCHEDULED DELAYS AND/OR CLOSURES. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE VTRANS "E" SERIES STANDARD DRAWINGS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) DATED NOV. 2003 AND ITS LATEST REVISIONS.
3. ALL WORK ASSOCIATED WITH TRAFFIC CONTROL (EXCEPT FLAGGERS AND UNIFORMED TRAFFIC OFFICERS) SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL (MOD.)".
4. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 20 DEGREES CELSIUS, UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR SHALL REVIEW AND UNDERSTAND ALL APPLICABLE ENVIRONMENTAL PERMITS AND ENSURE THAT ALL CONSTRUCTION CONDITIONS ARE MET.
6. NOT USED
7. NO BACKFILL WILL BE PLACED AGAINST ANY STRUCTURAL ELEMENTS UNTIL THE RESIDENT ENGINEER HAS APPROVED THIS WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT THE SOLE COST TO THE CONTRACTOR.
9. NOT USED
10. NOT USED
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING THE BASELINE THROUGHOUT THE PROJECT.
12. ALL EXISTING PAVEMENT (EXCEPT PARKING LOT) SHALL BE REMOVED AND DISPOSED OF UNDER ITEM 203.28, "EXCAVATION OF SURFACES AND PAVEMENTS". ALL SAWCUTTING SHALL BE PAID FOR INCIDENTAL TO ITEM 406.25, "BITUMINOUS CONCRETE PAVEMENT".
13. ALL TRENCH EXCAVATION (INCLUDING ELECTRICAL CONDUIT AND STORM DRAIN) SHALL BE PAID FOR UNDER ITEM 204.20, "TRENCH EXCAVATION OF EARTH".
14. ALL EXCAVATION (OTHER THAN PAVEMENT OR TRENCH, BUT INCLUDING POND EXCAVATION) SHALL BE PAID FOR UNDER ITEM 203.15, "COMMON EXCAVATION".
15. GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.25, "BITUMINOUS CONCRETE PAVEMENT".
16. EXISTING UTILITIES ARE SHOWN ON LAYOUT SHEETS BASED UPON THE BEST AVAILABLE INFORMATION. SUBSURFACE FEATURES, SUCH AS UNDERGROUND ELECTRIC, GAS, TELEPHONE LINES, WATER LINES, STORM DRAINS, ETC., ENCOUNTERED IN THE CONSTRUCTION OF THE PROJECT SHALL BE PROTECTED, SUPPORTED, OR REMOVED AND REPLACED BY THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE DRAWINGS. UNLESS PAYMENT FOR SOME PORTION OF THE WORK IS SPECIFICALLY NOTED, PAYMENT FOR THIS WORK TO BE INCIDENTAL TO ITEM 635.11, "MOBILIZATION/DEMobilIZATION". CONTACT AND WORK WITH THE UTILITY COMPANIES AND HIGHWAY DEPARTMENTS, WHEN THE WORK INVOLVES THEIR RESPECTIVE FACILITIES, PRIOR TO STARTING THE WORK AND MAINTAIN 450mm SEPARATION BETWEEN NEW DRAIN AND EXISTING UTILITIES.
17. ALL UTILITY POLES ARE TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED IN THESE PLANS.
18. ALL ELECTRICAL WORK PERFORMED BY THE CONTRACTOR SHALL BE DONE BY A QUALIFIED VERMONT LICENSED ELECTRICIAN AND WILL BE IN ACCORDANCE WITH THE APPLICABLE TOWN, STATE, AND NATIONAL ELECTRICAL CODES.
19. THE CONTRACTOR SHALL CONTACT "DIG SAFE" (1-800-225-4977) AND ALL AFFECTED UTILITY COMPANIES PRIOR TO PERFORMING ANY EXCAVATION, IN ACCORDANCE WITH DIG SAFE'S RULES OF NOTIFICATION. THE COST OF COORDINATING WITH DIG SAFE AND THE UTILITY COMPANIES SHALL BE INCIDENTAL TO ITEM 635.11, "MOBILIZATION/DEMobilIZATION".
20. SURFACE FEATURES SUCH AS SIGNS, FENCES, MAIL BOXES, STONE WALLS, PROPERTY CORNER MARKERS, ETC., ENCOUNTERED IN THE CONSTRUCTION OF THE PROJECT SHALL BE TAKEN DOWN, STORED, AND RESET BY THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS. THE COST OF REMOVING AND RESETTING ITEMS SHALL BE INCIDENTAL TO THE CONTRACT.
21. NOT USED
22. THE EXISTING SIDEWALK CONNECTING VT ROUTE 36 WITH THE FRANKLIN COUNTY REHAB CENTER IS SHOWN APPROXIMATE. THE PROPOSED SIDEWALK ALIGNMENT (HORIZONTAL & VERTICAL) FROM HOME HEALTH CIRCLE DRIVE TO THE PARK & RIDE LOT IS BASED ON FIELD MEASUREMENTS AND NOT ACTUAL SURVEY DATA, AND IS SHOWN FOR INTENT. THE CONTRACTOR SHALL VERIFY ACTUAL LOCATION OF "EXISTING" SIDEWALK AND CONNECT THE PROPOSED SIDEWALK BASED ON ACTUAL FIELD CONDITIONS OR AS DIRECTED BY THE RESIDENT ENGINEER..
23. NOT USED

LIGHTING NOTES

1. THE CONTRACTOR SHALL PERFORM AN INSULATION TEST ON ALL CONDUCTORS EXCEPT THE GROUND CONDUCTOR (INCLUDING NEUTRAL, DISCONNECT FROM GROUND CONDUCTOR BEFORE TESTING). PERFORM A RESISTANCE TO GROUND TEST AT SPECIFIED GROUNDS. SEE VERMONT STANDARD SPECIFICATIONS 679.08. FURNISH TRAFFIC AND SAFETY SECTION, VIA THE RESIDENT ENGINEER, THE READINGS OBTAINED FROM THE ABOVE TESTS.
2. AT EACH NEW OR RELOCATED LIGHT POLE LOCATION SPECIFIED, INSTALL A CONCRETE POLE BASE, STAINLESS STEEL ANCHOR BOLTS, NUTS AND WASHERS (FLAT AND LOCK), NEW STEEL OR RELOCATED ALUMINUM POLE, LUMINAIRE ARM, LUMINAIRE PHOTOCELL, WIRING, AND WATERPROOF DISCONNECT KITS. NEW POLES, LUMINAIRE ARM AND ASSEMBLY ARE TO MATCH EXISTING.
3. CONTRACTOR TO MAKE CONTACT WITH AND PERFORM WORK IN COMPLIANCE WITH CENTRAL VERMONT PUBLIC SERVICE CORPORATION.
4. CONDUIT SLEEVES: MINIMUM WALL THICKNESS FOR RIGID PLASTIC PIPE SLEEVES SHALL BE 2.9% OF THE DIAMETER. ALL CONDUIT RUNS UNDER PAVEMENT SHALL BE INSTALLED IN RIGID PLASTIC PIPE SLEEVES, SCHEDULE 80. THE SLEEVES SHALL EXTEND TO WITHIN 600mm OF THE SIDE OF A CONCRETE BASE OR PULLBOX. WHERE NO CONCRETE BASE OR PULLBOX IS PRESENT, THE SLEEVE SHALL EXTEND 1200mm BEYOND THE OUTSIDE EDGE OF THE SHOULDER OR SIDEWALK.
5. WIRE: ALL WIRING BETWEEN THE METER AND THE FIRST POLE AND/OR PULLBOX AND BETWEEN POLES AND/OR PULLBOXES SHALL BE COPPER AND SIZED AS SPECIFIED ON THE PLANS. ALL WIRES TO HAVE TYPE XHHW INSULATION OR EQUIVALENT.
6. NOT USED
7. THE LOAD ON EACH BRANCH OF A THREE WIRE CIRCUIT SHALL BE AS BALANCED AS POSSIBLE, LOAD TO NEUTRAL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY ELECTRICAL PERMITS.
9. NOT USED
10. PROVIDE HAND RUBBED FINISH ON ALL EXPOSED SURFACES OF CONCRETE BASE.
11. COMPACT BACKFILL AROUND CONCRETE BASE TO 95% MAXIMUM DENSITY STANDARD PROCTOR.
12. THE EXISTING PARKING LOT LIGHTS INDICATED ON THE PLAN SHALL BE REMOVED AND RESET AS SHOWN BY THE CONTRACTOR. ALL EXISTING CONDUIT AND WIRE TO BE REMOVED AND REPLACED WITH NEW. CONDUIT LOCATION SHOWN ON PLANS IS APPROXIMATE. FINAL LOCATION TO BE DETERMINED BY THE RESIDENT ENGINEER. ALL PARK & RIDE LIGHTS TO BE CONNECTED TO THE RELOCATED POWER STANCHION. PAYMENT FOR THE REMOVAL AND RESETTING OF THE EXISTING LIGHTS AND ALL ASSOCIATED HARDWARE WILL BE PAID FOR UNDER ITEM 679.25, "REMOVE & RESETTING LIGHT POLE (MOD.)".
13. THE EXISTING POWER STANCHION IN THE ENTRANCE DRIVE SHALL BE RELOCATED TO A LOCATION ACCEPTABLE TO THE UTILITY OWNER. ALL WORK, MATERIALS AND LABOR ASSOCIATED WITH ITS RELOCATION SHALL BE PAID UNDER ITEM 679.28, "POWER STANCHION"
14. WORK TO BE PERFORMED BY THE LOCAL UTILITY COMPANY: REMOVE THE EXISTING LUMINAIRE AND BRACKET ARM ON POLE #26/1/1.
15. ALL NEW AND RELOCATED LIGHT POLES SHALL BE PAINTED DARK BRONZE.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND MONITORING OF EROSION CONTROL DEVICES AS SPECIFIED IN THE SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS AND AS INDICATED ON THESE PLANS.
2. TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO EXCAVATION OF SURFACES, BEYOND THOSE NECESSARY TO INSTALL THESE MEASURES.
3. ONE OBJECTIVE OF THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN IS TO MINIMIZE THE TIME THAT EXCAVATED SOILS ARE EXPOSED TO THE ELEMENTS. EXCAVATION OF THE UTILITY TRENCHES, STORMWATER DETENTION POND AND OVERALL PARKING SURFACE SHALL BE SEQUENCED TO ACHIEVE THIS OBJECTIVE. THIS SEQUENCING OF EXCAVATION WORK SHALL BE IN THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN.
4. NON-WOVEN SILT FENCE WITH STAKES WILL BE PAID FOR UNDER ITEM 649.51, "GEOTEXTILE FOR SILT FENCE".
5. ALL DISTURBED AREAS THAT ARE NOT PAVED, MATTED OR STONE-FILLED SHALL BE TOPSOILED, SEEDED, & MULCHED.

LANDSCAPING NOTES

1. PLANTINGS SHALL BE INSTALLED BY CONTRACTOR. ALL PLANTINGS, EXCEPT HEMEROCALLIS STELLA DE ORO (DAYLILIES), SHALL BE BALLED AND BURLAPPED (B&B). ALL PLANTINGS SHALL CONFORM TO SECTION 755.08 OF THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001.
2. IF SPECIFIED PLANTINGS ARE NOT AVAILABLE AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE ALTERNATE PLANTINGS WITH THE RESIDENT ENGINEER.
3. MULCHING SHALL BE PAID UNDER PAY ITEM 651.27 "CEDAR BARK MULCH".

**SEEDING FORMULA
RURAL AREAS**

% WT.	kg/ha	NAME	PUR %	GERM %
37.5	26.0	CREeping RED FESCUE	98	85
37.5	26.0	TALL FESCUE	95	90
5.0	4.0	RED TOP	95	90
15.0	10.0	BIRD'SFOOT TREFOIL	98	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.
- SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5M.
- TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.12 L/m² BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

PROJECT NAME:	ST. ALBANS PARK & RIDE
PROJECT NUMBER:	CMG PARK (23)S
FILE NAME:	PLOT DATE: 10/14/2005
PROJECT LEADER: JWT	DRAWN BY: PGJ
DESIGNED BY: PGJ	CHECKED BY: EPD
GENERAL NOTES	SHEET 21 OF 29