|  | SUMMARY OF QUANTITIES |  |  |
| :---: | :---: | :---: | :---: |
| CODE NO. | PAY ITEM | UNIT | QUANTITY |
| 20100500 | TREE REMOVAL, ACRES | ACRE | 0.96 |
| 20201500 | SUB-BASE GRANULAR MATERIAL, TYPE B | TON | 80 |
| 20800150 | TRENCH BACKFILL | CU YD | 290 |
| 20800250 | TEMPORARY EROSION CONTROL SEEDINGS | pound | 200 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 362 |
| 28100107 | STONE RIPRAP, CLASS A4 | So YD | 18 |
| 28200100 | FIL TER FABRIC FOR USE WITH RIPRAP | Sa YD | 18 |
| 35101600 | AGGREGATE BASE COURSE, TYPE B $4^{\prime \prime}$ | So YD | 28 |
| 35300400 | PORTLAND CEMENT CONCRETE BASE COURSE $9^{\prime \prime}$ | SO YD | 324 |
| 40300100 | BITUMINOUS MATERIALS (PRIME COAT) | GAL | 40 |
| 40600760 | BITUMINOUS CONCRETE BINDER COURSE, MIXTURE B, TYPE 2 | TON | 34 |
| 40600850 | BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, TYPE | ToN | 37 |
|  |  |  |  |
| 44000100 | PAVEMENT REMOVAL | So YD | 424 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 122 |
| *50100200 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 |
| *50200500 | COFFERDAMS | EACH | 1 |
| 50800105 | REINFORCEMENT BARS | POUND | 100 |
| 54213693 | PRECAST REINFORCED CONCRETE FLARED END SECTION 48" | EACH | 1 |
| 54248510 | CONCRETE COLLAR | CU YD | 2.4 |
| 55040480 | STORM SEWERS, CLASS A, TYPE 2 48* | FOOT | 1254 |
| 60223800 | MANHOLES, TYPE A, $6^{\prime}$-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 5 |
| 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 122 |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 3 |
| 67100100 | MOBIL IZATION | L SUM | 1 |
| *70101800 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | L SUM | 1 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 188 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 175 |
| 81400100 | HANDHOLE | EACH | 1 |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 141 PAIR | FOOT | 225 |
| *88600600 | DETECTOR LOOP REPLACEMENT | FOOT | 66 |
| 89502380 | REMOVE EXISTING HANOHOLE | EACH | 1 |
| *20013825 | CONTROLLED LOW-STRENGTH MATERIAL | CU YD | 59 |
| *20030240 | IMPACT ATTENUATORS. TEMPORARY (NON PEDIRECT IVE) TEST LEVEL ? | EACH | 1 |
| *20030340 | IMPACT ATTENUATORS, RELOCATE (NON REDIRECTIVE), TEST LEVEL 2 | EACH | 1 |
| * | SEEDING, MUL CHING AND FERTILIIIING | ACRE | 2.0 |
| *××003949 | CONSTRUCTION STAKING | L SUM | 1 |
| * $\times 3323988$ | TEMPORARY SOIL RETENTION SYSTEM | So FT | 281 |
|  |  |  |  |
|  |  |  |  |

## GENERAL NOTES

All elevations refer to N.A.V.D. (North American Vertical Datum).
The Contractor shall furnish, erect, and when directed by the Engineer completely remove two construction signs. The ex.
shall be determined by the Engineer in the field.
All lateral droinage that exists prior to construction shall be restored os shown on the plons ond os directed by the Engineer. Unless otherwise specified, all costs of restoration shall be considered included in the Contract, and no
additional compensation will be allowed. addifional compensation will be allowed.
All excess excovation and unsulitable materials shall be disposed of at locations ed by the Engineer.
All construction operations shall be contained within the easement orea or work limits as indicated on the plans.
Class SI Concrete shall be used throughout. All exposed edges of concrete shall
pe beveled $3 / 4^{\prime \prime}$.
Reinforcement bars shall conform to the requirements of AASHTO M-31 or M322 Grode 60.
Plan dimensions and details relative to the existing structure hove been token from existing plans and or post surveys and reports and ore subject to nominal
construction variations. It shall be the Controctor's responsibility to verify such dimensions and details in the field and make necessory approved adjustments orior to construction or ordering of moterials. Such variations shall not be couse
for additional compensation; however, the Contractor will be poid for the quantity for additional compensation: however, the Contractor
actually furnished at the unit price bid for the work.
The Contractor shall submit his proposed method of ma
to the Engineer for approval prior to beginning construction
The Controctor is reminded to protect and restore at his expense in accord ance with Article 107.20 of the Standard Specificactions, any privete or public property, including access
construction operations.
All utilities affected by the improvement shall be odjusted by others except os noted in the plans. Prior to beginning work in the vicinity of the utilities, the col troctor shall contact the respective owners as shown on this sheet, and he shall schedule his work so as not to interfere with these odjustments.
Unless otherwise specified, all utilifies shall be protected and not disturbed. All costs of profection shan bu con idered
al compensation will be allowed.
All open excovations The cost shall be considered incluced in the controct.

Notes on Emergency Repair Completed 1-14-05:
A section of povement above the existing $48^{\prime \prime}$ CMP collopsed on 1-14-05, The damoged povement was removed ond a $10^{\prime} \pm$ section of the existing
CMP was encosed with concrete. The pavement was then repaired with a concrete patch.
For odditional information on this emergency repair, contoc

