

SCHEDULE OF QUANTITIES

| | | | | |
|--------------------|----------------|---|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 807 | 00-00374-01-PV | CHAMPAIGN | 242 | 14 |
| STA. | | TO STA. | | |
| | | ILLINOIS F.A. PROJ. NO. RS-HPP-1805(00) | | |
| CONTRACT NO. 91368 | | | | |

| EARTHWORK SUMMARY | | | | | | | | | | |
|------------------------|----------------------------|---|---------------------------|----------------------------------|--------------------------|----------------------------------|----------------------------|--------------------|----------------------------------|-------|
| STAGE | LOCATION | TOPSOIL EXCAVATION (CU YD) | TOPSOIL PLACEMENT (CU YD) | *ESTIMATED TOPSOIL WASTE (CU YD) | EARTH EXCAVATION (CU YD) | **TOTAL EARTH EXCAVATION (CU YD) | CHANNEL EXCAVATION (CU YD) | EMBANKMENT (CU YD) | ***ESTIMATED EARTH WASTE (CU YD) | |
| CHAMPAIGN SECTION | 3 | CURTIS ROAD | 4049 | 2450 | 1599 | 10201 | 11800 | | -1740 | |
| | 4 | CURTIS ROAD | 850 | 70 | 780 | 1785 | | 10832 | | |
| | 5 | CURTIS ROAD | 3765 | 2406 | 1359 | 11082 | 12441 | 2534 | 9274 | |
| | 6 | CURTIS ROAD | 2661 | 1686 | 975 | 7966 | 8941 | 2414 | 5924 | |
| | 4 | MATTIS AVENUE | 1516 | 1593 | -77 | 5634 | 5557 | 1548 | 3622 | |
| | 3 | FREEDOM BOULEVARD | 0 | 28 | -28 | 33 | 5 | 225 | -276 | |
| | 1 | PHINNEY BRANCH CHANNEL | 4120 | 4120 | 0 | 0 | 0 | 18267 | 18267 | |
| | SEE NOTE 7 | DEDUCTION FOR USING SALVAGED AGGREGATE MATERIAL | | | | | | | -3545 | 4431 |
| | SUBTOTAL CHAMPAIGN SECTION | | 16961 | 12353 | 4608 | 36701 | 41309 | 18267 | 16011 | 39563 |
| | SAVOY SECTION | 1 | CURTIS ROAD | 2416 | 834 | 1582 | 4393 | 5975 | 812 | 4960 |
| 2 | | CURTIS ROAD | 5407 | 3745 | 1662 | 7379 | 9041 | 13656 | -8029 | |
| 3 | | CURTIS ROAD | 3306 | 2348 | 958 | 4650 | 5608 | 7618 | -3915 | |
| 1 | | PROSPECT AVENUE | 652 | 1207 | -555 | 1944 | 1389 | 342 | 962 | |
| 1 | | DETENTION BASIN/WETLAND | 4571 | 4571 | 0 | 15689 | 15689 | 0 | 15689 | |
| 2 | | RELOCATED PRIVATE ENTRANCE | 0 | 82 | -82 | 127 | 45 | 2 | 42 | |
| 1 | | PROSPECT POINTE DRIVEWAY | 0 | 0 | 0 | 28 | 28 | 0 | 28 | |
| SEE NOTE 7 | | DEDUCTION FOR USING SALVAGED AGGREGATE MATERIAL | | | | | | | -3065 | 3831 |
| SUBTOTAL SAVOY SECTION | | 16352 | 12787 | 3565 | 34210 | 37775 | | 19365 | 13568 | |
| TOTALS | | 33313 | 25140 | 8173 | 70911 | 79084 | 18267 | 35376 | 53131 | |

*TOPSOIL WASTE = TOPSOIL EXCAVATION - TOPSOIL PLACEMENT (ASSUMES NO SHRINKAGE FACTOR)
 **TOTAL EARTH EXCAVATION = EARTH EXCAVATION + TOPSOIL WASTE
 ***EARTH WASTE = EARTH EXCAVATION + TOPSOIL WASTE + CHANNEL EXCAVATION - (EMBANKMENT x 1.25 SHRINKAGE FACTOR)

NOTES

- THE INDICATED EARTHWORK VOLUMES ARE ESTIMATES BASED ON THE "AVERAGE END AREA" METHOD OF CALCULATION. EARTHWORK VOLUMES WILL VARY WITH ACTUAL SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THESE ESTIMATES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND SHOULD BE CONSIDERED APPROXIMATE. ACTUAL VOLUMES OF EARTH EXCAVATION AND EMBANKMENT WILL BE PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- THE EMBANKMENT QUANTITIES DO NOT ACCOUNT FOR SHRINKAGE FACTORS. A 25% SHRINKAGE FACTOR HAS BEEN APPLIED TO THE EMBANKMENT TO DETERMINE THE ESTIMATED VOLUME OF EARTH WASTE.
- EXCESS EARTH MATERIALS FROM SEWER TRENCHES AND EXCAVATIONS FOR STRUCTURES AND TRAFFIC SIGNAL EQUIPMENT ARE NOT INCLUDED IN THE EARTHWORK CALCULATIONS. EXCESS EARTH MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE COST OF DISPOSING OF EXCESS EARTH MATERIAL WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- AN ESTIMATED QUANTITY FOR THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS HAS BEEN INCLUDED IN THE CONTRACT. THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS WILL BE AS DIRECTED BY THE ENGINEER AND WILL BE MEASURED AND PAID FOR AS DESCRIBED IN THE SPECIAL PROVISIONS.
- THE EXCAVATED TOPSOIL MATERIAL REQUIRED FOR THE TOTAL TOPSOIL PLACEMENT SHALL BE STORED AT THE LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS UNTIL SUCH TIME THAT IT CAN BE PLACED IN ITS FINAL LOCATION. THE TOPSOIL STORAGE LOCATIONS ARE DESCRIBED IN THE PROPOSED TYPICAL SECTION NOTES.
- IT WILL BE NECESSARY FOR THE CONTRACTOR TO STORE SUITABLE EARTH MATERIAL FOR THE EMBANKMENTS NEEDED FOR STAGES 2 AND 3. THE MATERIAL SHALL BE STORED AT LOCATIONS APPROVED BY THE ENGINEER WITHIN THE PROPOSED RIGHT-OF-WAY AND EASEMENT LIMITS. THE CONTRACTOR MAY PLACE THE EMBANKMENT MATERIAL IN THE PERMANENT LOCATIONS PROVIDING TRAFFIC IS MAINTAINED AT ALL TIMES USING THE APPROPRIATE TRAFFIC CONTROL AND PROTECTION STANDARD AND WITH THE APPROVAL OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS EARTHWORK PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SEE NOTE 24 ON THE "PROPOSED TYPICAL SECTION NOTES" SHEET FOR USING SALVAGED AGGREGATE MATERIAL INSTEAD OF LIME MODIFIED SOIL, THUS INCREASING THE VOLUME OF EARTH WASTE.

| 25000314 SEEDING, CLASS 4B | |
|-------------------------------|------|
| LOCATION | ACRE |
| SAVOY SECTION | |
| STAGE 1 | |
| DETENTION BASIN/WETLAND | 0.5 |
| TOTAL | 0.5 |

| 25000320 SEEDING, CLASS 5 | |
|------------------------------|------|
| LOCATION | ACRE |
| SAVOY SECTION | |
| STAGE 1 | |
| DETENTION BASIN/WETLAND | 0.6 |
| TOTAL | 0.6 |

| 25000324 SEEDING, CLASS 5B | |
|-------------------------------|------|
| LOCATION | ACRE |
| SAVOY SECTION | |
| STAGE 1 | |
| DETENTION BASIN/WETLAND | 0.5 |
| TOTAL | 0.5 |

| 25000400, 25000500, 25000600 FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS, POTASSIUM) | |
|---|-------|
| LOCATION | POUND |
| CHAMPAIGN SECTION | |
| STAGE 1 | |
| PHINNEY BRANCH CHANNEL | 738 |
| STAGE 3 | |
| CURTIS ROAD | 288 |
| STAGE 4 | |
| MATTIS AVENUE | 270 |
| STAGE 5 | |
| CURTIS ROAD | 288 |
| STAGE 6 | |
| CURTIS ROAD | 198 |
| TOTAL | 2916 |

NOTE: FERTILIZER NUTRIENT QUANTITY IS FOR SEEDING, CLASS 1 (SPECIAL) AND SEEDING, CLASS 2 (SPECIAL) ONLY. NO FERTILIZER NUTRIENTS SHALL BE PLACED AT SEEDING, CLASS 4B, 5 OR 5B AREAS.

| 25000900 SEEDING, CLASS 1 (SPECIAL) | |
|--|------|
| LOCATION | ACRE |
| CHAMPAIGN SECTION | |
| STAGE 6 | |
| CURTIS ROAD | 0.2 |
| SAVOY SECTION | |
| STAGE 1 | |
| CURTIS ROAD & PROSPECT AVENUE | 3.1 |
| STAGE 2 | |
| CURTIS ROAD | 0.3 |
| TOTAL | 3.6 |

| XX006444 MULCH, SPECIAL | |
|-------------------------------|------|
| LOCATION | ACRE |
| CHAMPAIGN SECTION | |
| STAGE 6 | |
| CURTIS ROAD | 0.2 |
| SAVOY SECTION | |
| STAGE 1 | |
| CURTIS ROAD & PROSPECT AVENUE | 3.1 |
| STAGE 2 | |
| CURTIS ROAD | 0.3 |
| TOTAL | 3.6 |

**25001000
SEEDING, CLASS 2 (SPECIAL)**

| LOCATION | ACRE |
|-------------------------|------|
| CHAMPAIGN SECTION | |
| STAGE 1 | |
| PHINNEY BRANCH CHANNEL | 8.2 |
| STAGE 3 | |
| CURTIS ROAD | 3.2 |
| STAGE 4 | |
| MATTIS AVENUE | 3.0 |
| STAGE 5 | |
| CURTIS ROAD | 3.2 |
| STAGE 6 | |
| CURTIS ROAD | 2.0 |
| SAVOY SECTION | |
| STAGE 1 | |
| DETENTION BASIN/WETLAND | 1.3 |
| STAGE 2 | |
| CURTIS ROAD | 5.2 |
| STAGE 3 | |
| CURTIS ROAD | 2.7 |
| TOTAL | 28.8 |

**25100115
MULCH, METHOD 2**

| LOCATION | ACRE |
|-------------------------|------|
| CHAMPAIGN SECTION | |
| STAGE 1 | |
| PHINNEY BRANCH CHANNEL | 8.2 |
| STAGE 3 | |
| CURTIS ROAD | 3.2 |
| STAGE 4 | |
| MATTIS AVENUE | 3.0 |
| STAGE 5 | |
| CURTIS ROAD | 3.2 |
| STAGE 6 | |
| CURTIS ROAD | 2.0 |
| SAVOY SECTION | |
| STAGE 1 | |
| DETENTION BASIN/WETLAND | 1.3 |
| STAGE 2 | |
| CURTIS ROAD | 5.2 |
| STAGE 3 | |
| CURTIS ROAD | 2.7 |
| TOTAL | 28.8 |

**25200100
SODDING**

| STATION | TO STATION | SQ YD |
|---------------------|--------------|--------|
| CHAMPAIGN SECTION | | |
| CURTIS ROAD | | |
| 63+44 LT. | 64+50 LT. | 137.5 |
| 72+52 LT | 73+58 LT. | 138.8 |
| 74+00 RT. | 75+66 RT. | 215.3 |
| 76+10 RT. | 84+60 RT. | 1121.2 |
| 83+00 LT. | 84+60 LT. | 210.4 |
| 87+30 RT. | 88+80.5 RT. | 188.3 |
| 87+30 LT. | 97+50 LT. | 1357.1 |
| 89+04.5 RT. | 96+02.7 RT. | 934.9 |
| 97+70 RT. | 99+00 RT. | 299.4 |
| 97+70 LT. | 98+96.2 LT. | 304.8 |
| MATTIS AVENUE | | |
| 490+00 RT. | 491+56 RT. | 172.1 |
| 490+00 LT. | 491+56 LT. | 169.4 |
| 493+69 RT. | 494+57 RT. | 95.8 |
| 493+69 LT. | 495+00 LT. | 143.7 |
| SAVOY SECTION | | |
| CURTIS ROAD | | |
| 98+96.2 LT. | 102+00 LT. | 410.2 |
| 104+41 RT. | 105+47 RT. | 137.9 |
| 107+17 RT. | 108+22.5 RT. | 137.2 |
| 108+00 LT. | 109+46 LT. | 189.9 |
| 108+30.5 RT. | 110+80 RT. | 325.3 |
| 125+51 RT. | 126+57 RT. | 135.1 |
| 125+44 LT. | 126+00 LT. | 73.3 |
| 129+00 RT. | 130+85 RT. | 249.2 |
| 129+00 LT. | 131+50 LT. | 326.1 |
| 131+15 RT. | 137+07 RT. | 783.6 |
| STORM SEWER OUTFALL | | |
| 2001+46 € | 2002+10 € | 113.8 |
| TOTAL | | 8371 |

**25200200
SUPPLEMENTAL WATERING**

| LOCATION | UNIT |
|--|-------|
| CHAMPAIGN SECTION | |
| SOD AREAS | 54.9 |
| SEEDING, CLASS 1 (SPECIAL) AND CLASS 2 (SPECIAL) AREAS | 958.3 |
| SAVOY SECTION | |
| SOD AREAS | 28.8 |
| SEEDING, CLASS 1 (SPECIAL) AND CLASS 2 (SPECIAL) AREAS | 609.8 |
| TOTAL | 1652 |

**28101700
RIPRAP, SPECIAL**

| STATION | TO STATION | TON |
|------------------------|------------|-----|
| CHAMPAIGN SECTION | | |
| CURTIS ROAD | | |
| 97+50 LT. | 98+25 LT. | 272 |
| PHINNEY BRANCH CHANNEL | | |
| 1032+40 € | 1032+60 € | 51 |
| 1043+40 € | 1043+70 € | 68 |
| SAVOY SECTION | | |
| CURTIS ROAD | | |
| 130+85 RT. | 131+15 RT. | 41 |
| TOTAL | | 432 |

**28200200
FILTER FABRIC**

| STATION | TO STATION | SQ YD |
|---------------------|--------------|-------|
| SAVOY SECTION | | |
| STORM SEWER OUTFALL | | |
| 650+96.2 LT. | 651+06.8 LT. | 25 |
| 2001+18 € | 2001+46 € | 55 |
| TOTAL | | 80 |

**28500200
PRECAST BLOCK REVETMENT MAT**

| STATION | TO STATION | SQ YD |
|---------------------|--------------|-------|
| SAVOY SECTION | | |
| STORM SEWER OUTFALL | | |
| 650+96.2 LT. | 651+06.8 LT. | 25 |
| 2001+18 € | 2001+46 € | 55 |
| TOTAL | | 80 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DATE: 10-08
DRAWN BY: J.L.B.
CHECKED BY: R.L.H.
SCALE: NONE