

SCHEDULE OF QUANTITIES – RURAL CHAMPAIGN COUNTY

SHEET 8 OF 27

| | | | | |
|--|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 808 | * | ** | 715 | 29 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (205,57,105)RS-2 ** CHAMPAIGN & DOUGLAS | | | | |

PIPE CULVERT SCHEDULE FOR ACROSS ROAD CULVERTS

| STATION | PROPOSED TREATMENT | 50105220 | 50104400 | 59300100 | N/A | 54200439 | 54206739 | 54201303 | 54213669 | 54213693 | 54214509 | 20900110 | 44201741 | 44201741 | 44201747 |
|-----------------|----------------------|--------------------------------|-------------------------------------|---|------------------------------|---|---|---|------------------------------------|------------------------------------|--|-------------------------------------|--|---|--|
| | | PIPE CULVERT REMOVAL (FOOT) | CONCRETE HEADWALL REMOVAL (EACH) | CONTROLLED LOW STRENGTH MATERIAL (CU YD) | PROPOSED PIPE SIZE (INCH) | PIPE CULVERT RCCP TYPE 1, 24" (FOOT) | PIPE CULVERT TYPE I, RC., EQRS, 24" (FOOT) | PIPE CULVERT RCCP TYPE 2, 48" (FOOT) | PRC FLAR END SECTION 24" (EACH) | PRC FLAR END SECTION 48" (EACH) | PRC FLAR END SECTION EQRS, 24" (EACH) | POROUS GRANULAR BACKFILL (CU YD) | CLASS D PATCH TYPE II, 8 INCH (SQ YD) | CLASS D PATCH TYPE III, 8 INCH (SQ YD) | CLASS D PATCH TYPE IV, 8 INCH (SQ YD) |
| C.L. 1000+60.00 | NEW CULVERT W / E.S. | | | | 24" | 39.00 | | | 2.00 | | | 9.60 | 27.00 | | |
| C.L. 1016+00.00 | NEW CULVERT W / E.S. | | | | 24" | 43.00 | | | 2.00 | | | 13.20 | 27.00 | | |
| C.L. 1052+50.00 | NEW CULVERT W / E.S. | | | | 24" | 43.00 | | | 2.00 | | | 13.20 | 27.00 | | |
| C.L. 1053+70.00 | NEW CULVERT W / E.S. | | | | 24" | 42.00 | | | 2.00 | | | 12.00 | 27.00 | | |
| C.L. 1066+20.00 | NEW CULVERT W / E.S. | | | | 24" | 40.00 | | | 2.00 | | | 10.80 | 27.00 | | |
| C.L. 1109+01.60 | PRECAST BOX CULVERT | 71.00 | | | N/A | | | | | | | | | | |
| C.L. 1114+71.40 | PRECAST BOX CULVERT | 80.00 | | | N/A | | | | | | | | | | |
| C.L. 1129+95.00 | NEW CULVERT W / E.S. | | | | 48" | | | 72.00 | | 2.00 | | 154.00 | | | 84.00 |
| C.L. 2025+00.30 | PRECAST BOX CULVERT | 58.00 | 2.00 | | N/A | | | | | | | | | | |
| RT. 2115+83.00 | REMOVE CULVERT | 62.00 | | | N/A | | | | | | | 2.50 | | | |
| C.L. 2115+83.00 | FILL CULVERT | | | 2.50 | N/A | | | | | | | | | | |
| LT. 2115+83.00 | REMOVE CULVERT | 57.00 | 1.00 | | N/A | | | | | | | 1.80 | | | |
| C.L. 2163+90.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 42.00 | | | | 2.00 | 11.00 | | 30.00 | |
| C.L. 2164+00.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 42.00 | | | | 2.00 | 12.40 | | 30.00 | |
| RT. 2169+25.00 | REMOVE CULVERT | 20.00 | 1.00 | | N/A | | | | | | | 8.60 | | | |
| C.L. 2169+25.00 | FILL CULVERT | | | 10.00 | N/A | | | | | | | | | | |
| LT. 2169+25.00 | REMOVE CULVERT | 56.00 | 1.00 | | N/A | | | | | | | 5.40 | | | |
| C.L. 2189+85.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 41.00 | | | | 2.00 | 11.00 | | 30.00 | |
| C.L. 2190+00.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 41.00 | | | | 2.00 | 11.00 | | 30.00 | |
| C.L. 2194+75.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 43.00 | | | | 2.00 | 12.40 | | 30.00 | |
| C.L. 2194+90.00 | NEW CULVERT W / E.S. | | | | 24" EQRS | | 43.00 | | | | 2.00 | 12.40 | | 30.00 | |
| TOTAL = | | 404.00 | 5.00 | 12.50 | N/A | 207.00 | 252.00 | 72.00 | 10.00 | 2.00 | 12.00 | 301.30 | 135.00 | 180.00 | 84.00 |
| USE = | | 404.00 | 5.00 | 13.00 | N/A | 207.00 | 252.00 | 72.00 | 10.00 | 2.00 | 12.00 | 301.00 | 135.00 | 180.00 | 84.00 |
| | | (FOOT) | (EACH) | (CU YD) | N/A | (FOOT) | (FOOT) | (FOOT) | (EACH) | (EACH) | (EACH) | (CU YD) | (SQ YD) | (SQ YD) | (SQ YD) |

NOTE:

- 1) A CLASS D PATCH, 8 INCH WILL BE USED WITH POROUS GRANULAR BACKFILL AS SHOWN IN THE POROUS GRANULAR DETAIL FOR EACH ACROSS ROAD PIPE CULVERT. THE REMOVAL OF THE EXISTING 13 1/4" PAVEMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CLASS D PATCH OF THE TYPE AND SIZE SPECIFIED.
- 2) THE PROPOSED WORK ON THE CULVERTS THAT ARE DESIGNATED TO BE FILLED SHALL NOT BE PERFORMED UNTIL THE PROPOSED BOX CULVERTS THAT REPLACE THEM ARE FINISHED.

REMOVAL OF EXISTING STRUCTURES

| STATION | PAY ITEM | DESCRIPTION | QUANTITY (EACH) |
|------------|----------|---------------------------------------|-----------------|
| 1129+95.30 | 50100300 | REMOVAL OF EXISTING STRUCTURES, NO. 1 | 1.0 EACH |
| 1145+32.90 | 50100400 | REMOVAL OF EXISTING STRUCTURES, NO. 2 | 1.0 EACH |
| 2013+49.90 | 50100500 | REMOVAL OF EXISTING STRUCTURES, NO. 3 | 1.0 EACH |
| 2030+81.60 | 50100600 | REMOVAL OF EXISTING STRUCTURES, NO. 4 | 1.0 EACH |
| 2225+01.80 | 50100700 | REMOVAL OF EXISTING STRUCTURES, NO. 5 | 1.0 EACH |
| 2237+60.00 | 50100800 | REMOVAL OF EXISTING STRUCTURES, NO. 6 | 1.0 EACH |
| 2264+91.20 | 50100900 | REMOVAL OF EXISTING STRUCTURES, NO. 7 | 1.0 EACH |

NOTE:

THE EXISTING STRUCTURE SHALL BE COMPLETELY REMOVED AS SPECIFIED IN SECTION 501 OF THE STANDARD SPECIFICATIONS. THE REMOVAL OF THE HEADWALLS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEM FOR REMOVAL OF EXISTING STRUCTURES.

X0323988 TEMPORARY SOIL RETENTION SYSTEM

| STATION | DESCRIPTION | STRUCTURE NUMBER | LOCATION | AREA (SQ FT) | SEE NOTE: |
|------------|---------------|------------------|---------------------------|--------------|-----------|
| 1109+00.00 | CULVERT #1 | N/A | CENTERLINE | 87.00 | #1 |
| 1114+71.00 | CULVERT #2 | N/A | CENTERLINE | 106.00 | #1 |
| 1129+95.00 | 48" A.R. RCCP | N/A | CENTERLINE | 121.00 | #1 |
| 2013+50.00 | CULVERT #4 | 010-8145 | C.L. / S.E. & N.W. CORNER | 242.00 | #1, 2 |
| 2030+82.00 | CULVERT #6 | 010-8143 | C.L. / S.W. & N.E. CORNER | 251.00 | #1, 2 |
| TOTAL = | | | | 807.00 | SQ FT |

NOTE:

- 1) TEMPORARY SOIL RETENTION SYSTEM IS CALCULATED FOR THE CENTERLINE / (C.L.) STAGING OF THE PROPOSED BOX CULVERT OR PIPE CULVERT. THE AREA CALCULATED IS THE SAME SURFACE AREA AS SHOWN IN THE POROUS GRANULAR DETAIL FOR EACH STRUCTURE.
- 2) TEMPORARY SOIL RETENTION SYSTEM IS CALCULATED FOR THE CONSTRUCTION OF THE LONG WINGWALLS ON THE BOX CULVERT END SECTION. THE SKEWED END SECTION WILL BE LOCATED CLOSE TO THE EDGE OF PAVEMENT AND WILL REQUIRE EARTH SUPPORT TO CONSTRUCT.

ILLINOIS DEPARTMENT OF TRANSPORTATION
**SCHEDULE OF QUANTITIES-RURAL
CHAMPAIGN COUNTY**

SCALE: N/A
DATE: 07/29/09

DRAWN BY: B.B.P.
CHECKED BY: G.A.E.

PLOT DATE = 8/13/2009
 FILE NAME = G:\DW\WORK\K\PIWIDOT\PERSONNEL\0010445\70623-sht+schedule-champaign.dgn
 USER NAME = pfersonbr