

COMMITMENTS

- A. CONSTRUCTION MEASURES WILL BE IMPLEMENTED TO MINIMIZE HARM TO WATER QUALITY, SENSITIVE RESOURCES, WETLANDS AND THREATENED & ENDANGERED SPECIES. GENERAL CONSTRUCTION MITIGATION MEASURES WILL INCLUDE EROSION CONTROL PROCEDURES IN CONFORMANCE WITH IDOT'S STANDARD SPECIFICATIONS. AN EROSION CONTROL PLAN WILL BE PREPARED TO IDENTIFY EROSION CONTROL MEASURES TO BE IMPLEMENTED.
- B. FOR SIDE ROAD TRAFFIC CONTROL, NO TWO ADJACENT SIDE ROADS WILL BE CLOSED SIMULTANEOUSLY. PUBLIC SERVICE PROVIDERS AND THE PUBLIC WILL BE NOTIFIED PRIOR TO TEMPORARY SIDE ROAD CLOSURES.
- C. A PRELIMINARY SITE INVESTIGATION (PSI) WILL BE CONDUCTED: 1.) PRIOR TO ACQUISITION OF ANY CONTAMINATED PARCEL AND/OR REQUIRED TEMPORARY OR PERMANENT EASEMENTS AND, 2.) IF THE PROPOSED IMPROVEMENTS REQUIRE EXCAVATION ON OR ADJACENT TO A PROPERTY IDENTIFIED WITH A RECOGNIZED ENVIRONMENTAL CONDITION OR REQUIRE EXCAVATION, INCLUDING SUBSURFACE UTILITY RELOCATION, ON A PROPERTY WITH AN EASEMENT.
- D. SPEED STUDY: A SPEED STUDY WILL BE COMPLETED AFTER RECONSTRUCTION OF IL. RTE. 47 TO DETERMINE IF SPEED LIMITS SHOULD BE CHANGED.
- E. ONE RESIDENTIAL STRUCTURE, RIPLEY HOUSE, 15450 ROUTE 47 (SITE #148 IN THE VICINITY OF STA. 6400+50 +/- RT) IS ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES AND IS ADJACENT TO IL 47. THE RIGHT-OF-WAY FOR THE WIDENING OF IL 47 WILL COME NO CLOSER THAN 30 FEET TO THE STRUCTURE. EFFORTS WILL BE MADE TO MINIMIZE THE TAKING OF TREES ASSOCIATED WITH THE RESIDENCE.
- F. ELBURN COOP. A MEDIAN OPENING WILL BE PROVIDED FOR THE COMMERCIAL ENTRANCE AT STA. 6568+48 LT.
- G. FLETCHER PROPERTY. A FIELD ENTRANCE WILL BE PROVIDED AT STA. 6345+60.66 RT IN ALIGNMENT WITH THE JOLIET ROAD INTERSECTION.
- H. LARSON PROPERTY. A MEDIAN OPENING WILL BE PROVIDED FOR THE ENTRANCE AT APPROXIMATELY STA. 6356+10 RT.
- I. STEWART PROPERTY. A MEDIAN OPENING WILL BE PROVIDED IN THE VICINITY OF THE EXISTING FIELD ENTRANCE AT +/- STA. 6609+00 LT.
- J. FRIESTAD PROPERTY. IF FEASIBLE, THE PROPOSED ENTRANCE AT STA. 6315+00 RT WILL BE RELOCATED CLOSER TO SOUTH PROPERTY LINE IN VICINITY OF THE EXISTING ENTRANCE.
- K. KATE PENN PROPERTY. TRY AND SAVE AS MANY TREES AS POSSIBLE ON PLATTVILLE ROAD FROM STA. 1304+00 TO 1308+00 RT. THE PROPERTY OWNER HAS REQUESTED THE 14" TREE LOCATED ON THE WEST SIDE AND THE BUSH ON THE EAST SIDE OF THE DRIVEWAY AT STA. 1305+14.7 RT BE REMOVED SO FLATTER SIDESLOPES CAN BE PROVIDED AT THE DRIVEWAY.
- L. STEWART PROPERTY. A MEDIAN OPENING WILL BE ADDED IN THE VICINITY OF THE EXISTING FIELD ENTRANCE AT APPROXIMATELY ST A 6609 LT.
- M. A COMMITMENT HAS BEEN MADE TO SAVE THE THREE (3) FIR TREES AND ONE (1) HARDWOOD TREE LOCATED ON WHITEWILLOW ROAD BETWEEN STATIONS 602+38 TO 604+00 RT. THE TREES ARE WITHIN THE PROPOSED RIGHT OF WAY BUT ARE NOT WITHIN THE CONSTRUCTION LIMITS. THE PROPERTY OWNERS ARE AWARE THAT THE UTILITY COMPANY MAY TRIM THE TREES.
- N. A COMMITMENT HAS BEEN MADE THAT IDOT WILL PROVIDE FULL ACCESS TO THE GRAIN FACILITY ON THE EAST SIDE OF IL 47 SOUTH OF US 52 (STA. 6438 TO 6445) FOR THE FALL HARVEST SEASON, APPROXIMATELY SEPTEMBER 15TH TO NOVEMBER 30TH. ACCESS IS CRITICAL TO THE GRAIN DRYING FACILITY DURING THIS PERIOD AND IS TO BE PROVIDED EITHER AT THE EXISTING ENTRANCE STA. 6443+25 RT OR AT THE PROPOSED ENTRANCE NEAR THE SOUTH PROPERTY LINE, STA. 6438+79 RT. THE RE WILL CONTACT DON HAMMAN TO COORDINATE. HOME, 630/552-7371 OR CELL, 630/330-9319.
- O. A COMMITMENT HAS BEEN MADE TO REPLACE THE EXISTING VAULT/RISER WITH AN OPEN GRATE AND VAULT WITH CLOSED LID AT THE DOWNSTREAM END OF THE CULVERT LOCATED AT STA. 6367+67.
- P. NE QUADRANT OF IL 47 & US 52, PARCEL 3VC0058: THE PARCEL INCLUDES A SEPTIC TANK THAT OUTLETS TO AN EXISTING MANHOLE. THE MANHOLE INCLUDES AND ELECTRIC SERVICE FOR AN IRRIGATION PUMP FOR THE BENEFIT OF THE ADJOINING PROPERTY OWNER, JAMES CHOW (815-383-2158), PARCEL 3VC0059. MR. CHOW IS AWARE OF THE PROPOSED IMPROVEMENTS, THE EFFECT ON THE IRRIGATION SYSTEM AND WAS IN AGREEMENT WITH THE PLAN. THE MANHOLE, PUMP AND IRRIGATION LINE ARE NOT TO BE DISTURBED. SEE THE BUILDING REMOVAL SPECIAL PROVISION FOR ADDITIONAL INFORMATION PERTAINING TO THIS PARCEL.

COMMITMENTS

- Q. PARCEL 3VC0059: TENANTS REQUIRE ELECTRICITY FOR THE REMAINING OUTBUILDINGS. TENANTS ASK TO BE CONTACTED PRIOR TO DEMOLITION OF THE HOUSE TO ENSURE THE ELECTIC HAS BEEN RELOCATED. RICHARD DIRKER, 815-475-7364.
- R. PARCEL 3VC0070: THE WELL HAS BEEN RELOCATED & THE WATER SHUT OFF TO THE HOUSE. THE TENANT, RICHARD DANNENBERG, 815-405-2432, REQUESTS TO BE CALLED TO LOCATE THE WATER LINES FROM THE WELL TO THE HOUSE SO THEY CAN BE CAPPED PRIOR TO DEMOLITION.



1 10/29/2014

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|--|---------------------|------------------|--------------------------|---|------------------------------------|-------------------------|-------------|-------------|--------|---------------|-----------|-------|
| FILE NAME - | USER NAME - duncnba | DESIGNED - LDZ | REVISED - BDD 10/29/2014 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL. RTE. 47 COMMITMENTS | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pvc\work\pvc\dncba\0203078\030894-shr-gennote-2.dgn | | DRAWN - SRH/RMD | REVISED - | | SCALE: N/A | SHEET NO. 2 OF 2 SHEETS | STA. N/A | TO STA. N/A | 326 | (109, 110)R-1 | KENDALL | 619 3 |
| PLD1 SCALE - 2.000' / in. | | CHECKED - DJD | REVISED - | | CONTRACT NO. 66BB4 | | | | | | | |
| PLD1 DATE - 10/28/2014 | | DATE - 7/01/2014 | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

SI = SPECIALTY ITEMS

CONSTRUCTION CODE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | FED 80% STATE 20% | FED 80% STATE 20% | FED 80% STATE 20% | FED 80% STATE 20% | FED 80% STATE 20% | FED 80% STATE 20% | FED 80% STATE 20% |
|-------------|--|-------|----------------|-------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|
| | | | | ROADWAY | BOX CULVERT | BOX CULVERT | BOX CULVERT | BOX CULVERT | TRAFFIC SIGNALS | HIGHWAY LIGHTING |
| | | | | 0003 | 0040 SN 047-2022 | 0040 SN 047-2030 | 0040 SN 047-2032 | 0040 SN 047-2033 | 0021 | 0021 |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 1244 | 1244 | | | | | | |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 1664 | 1664 | | | | | | |
| 20101000 | TEMPORARY FENCE | FOOT | 689 | 689 | | | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 324862 | 324862 | | | | | | |
| SI 20200200 | ROCK EXCAVATION | CU YD | 1018 | 1018 | | | | | | |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 105351 | 105351 | | | | | | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 147,189 | 147,189 | | | | | | |
| 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | 437 | 187 | 72 | | 98 | 80 | | |
| 20800150 | TRENCH BACKFILL | CU YD | 3234 | 3234 | | | | | | |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SO YD | 35022 | 35022 | | | | | | |
| 21101505 | TOPSOIL EXCAVATION AND PLACEMENT | CU YD | 60545 | 60545 | | | | | | |
| 21301052 | EXPLORATION TRENCH 52" DEPTH | FOOT | 53613 | 53613 | | | | | | |
| SI 25000210 | SEEDING, CLASS 2A | ACRE | 65.50 | 65.50 | | | | | | |
| SI 25000310 | SEEDING, CLASS 4 | ACRE | 60.75 | 60.75 | | | | | | |

Rev. 11-5-14

| EARTHWORK | | | | | | | | | |
|--------------------|------------------|-----------------|----------|--------------------------------------|---------------------------------|--|------------|---------------------------------------|--------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| LOCATION | EARTH EXCAVATION | ROCK EXCAVATION | UNDERCUT | TOPSOIL STRIPPING & EARTH EXCAVATION | UNSUITABLE OR UNSTABLE MATERIAL | SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE | EMBANKMENT | EARTH BALANCE WASTE(+) OR SHORTAGE(-) | TOPSOIL EXCAVATION & PLACEMENT |
| STATION TO STATION | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD |
| STAGE 1 | | | | | | | | | |
| IL 47 | | | | | | | | | |
| 6277+00 TO 6311+00 | 10430 | | | 11877 | 9126 | 7823 | 36365 | -28543 | 2751 |
| 6311+00 TO 6636+34 | 84934 | 470 | 17211 | 77984 | 77765 | 64171 | 182501 | -118331 | 17430 |
| WHITEWILLOW RD | | | | | | | | | |
| 601+17 TO 608+19 | 1151 | | 1530 | | 1222 | 863 | 85 | 778 | 308 |
| JOLIET RD | | | | | | | | | |
| 701+00 TO 707+31 | 1031 | | | | | 773 | 327 | 446 | |
| TOWNHALL RD | | | | | | | | | |
| 903+59 TO 907+08 | 318 | | | | | 239 | 2 | 237 | |
| US 52 | | | | | | | | | |
| 995+00 TO 1008+13 | 695 | | | | | 521 | 1178 | -657 | |
| 1008+72 TO 1022+05 | 796 | | | | | 597 | 169 | 428 | |
| CHICAGO RD | | | | | | | | | |
| 1111+22 TO 1117+34 | 2843 | | | | -234 | 2132 | 7 | 2125 | 234 |
| PLATTVILLE RD | | | | | | | | | |
| 1300+92 TO 1309+05 | 4922 | | | | -220 | 3692 | 112 | 3580 | 220 |
| HELMAR RD | | | | | | | | | |
| 1509+91 TO 1516+50 | 2568 | | 278 | | 40 | 1926 | 64 | 1862 | 238 |
| STAGE 1A & 1B | | | | | | | | | |
| IL 47 | | | | | | | | | |
| 6449+54 TO 6451+00 | 117 | | | | -20 | 88 | 792 | -704 | 20 |
| US 52 | | | | | | | | | |
| 996+37 TO 1008+08 | 406 | | 628 | | 628 | 305 | 400 | -96 | |
| 1008+60 TO 1020+44 | 126 | | 998 | | 938 | 95 | 390 | -296 | 60 |
| STAGE 1 SUBTOTAL | 110337 | 470 | 20645 | 89861 | 89245 | 83223 | 222392 | -139169 | 21261 |
| STAGE 2 | | | | | | | | | |
| IL 47 | | | | | | | | | |
| 6451+00 TO 6451+77 | 50 | | | | -24 | 38 | 398 | -361 | 24 |
| 6591+00 TO 6635+87 | 10637 | | | 2573 | -22 | 7978 | 15465 | -7487 | 2595 |
| US 52 | | | | | | | | | |
| 995+00 TO 1007+96 | 484 | | 2461 | | 2008 | 363 | 254 | 109 | 453 |
| 1008+60 TO 1022+05 | 211 | | 763 | | 529 | 158 | 439 | -281 | 234 |
| STAGE 2 SUBTOTAL | 11382 | | 3224 | 2573 | 2491 | 8537 | 16556 | -8020 | 3306 |
| STAGE 3 | | | | | | | | | |
| IL 47 | | | | | | | | | |
| 6313+00 TO 6635+87 | 150848 | 442 | 22187 | 19987 | 18025 | 113578 | 78478 | 35100 | 24149 |
| JOLIET RD | | | | | | | | | |
| 705+00 TO 708+00 | | | | | | | 496 | -496 | |
| QUARRY RD | | | | | | | | | |
| 800+77 TO 801+95 | 230 | | | | -65 | 173 | 214 | -42 | 65 |
| TOWNHALL RD | | | | | | | | | |
| 900+50 TO 907+08 | 702 | | | | -140 | 527 | 46 | 481 | 140 |
| CHICAGO RD | | | | | | | | | |
| 1102+50 TO 1108+77 | 1239 | | 1513 | | 1294 | 929 | 15 | 914 | 219 |
| LISBON CENTER RD | | | | | | | | | |
| 1201+50 TO 1208+08 | 1359 | | 1496 | | 1072 | 1019 | 529 | 490 | 424 |
| NEWARK RD | | | | | | | | | |
| 1402+00 TO 1408+08 | 219 | | 1737 | | 1433 | 164 | 436 | -272 | 304 |

| EARTHWORK | | | | | | | | | |
|--------------------|------------------|-----------------|----------|--------------------------------------|---------------------------------|--|------------|---------------------------------------|--------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| LOCATION | EARTH EXCAVATION | ROCK EXCAVATION | UNDERCUT | TOPSOIL STRIPPING & EARTH EXCAVATION | UNSUITABLE OR UNSTABLE MATERIAL | SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE | EMBANKMENT | EARTH BALANCE WASTE(+) OR SHORTAGE(-) | TOPSOIL EXCAVATION & PLACEMENT |
| STATION TO STATION | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD |
| HELMAR RD | | | | | | | | | |
| 1501+03 TO 1508+09 | 1777 | | | | -148 | 1333 | 216 | 1117 | 148 |
| STAGE 3A | | | | | | | | | |
| US 52 | | | | | | | | | |
| 996+37 TO 1008+60 | 95 | | 1190 | | 918 | 71 | 174 | -103 | 272 |
| 1015+00 TO 1020+44 | 30 | | 141 | | 92 | 23 | 72 | -50 | 49 |
| STAGE 3 SUBTOTAL | 156499 | 442 | 28264 | 19987 | 22481 | 117816 | 80676 | 37140 | 25770 |
| STAGE 4 | | | | | | | | | |
| IL 47 | | | | | | | | | |
| 6260+00 TO 6311+50 | 42636 | | | 168 | -8791 | 31977 | 5127 | 26850 | 8959 |
| 6311+50 TO 6318+50 | 1113 | | | 129 | -174 | 835 | 2120 | -1285 | 303 |
| WHITEWILLOW RD | | | | | | | | | |
| 609+79 TO 616+00 | 1466 | | 1045 | | 546 | 1100 | 1765 | -666 | 499 |
| JOLIET RD | | | | | | | | | |
| 701+00 TO 709+11 | 1429 | | | | -447 | 1072 | 118 | 954 | 447 |
| STAGE 4 SUBTOTAL | 46644 | | 1045 | 297 | -8866 | 34983 | 9130 | 25853 | 10208 |
| TOTAL | 324862 | 912 | 53178 | 112718 | 105351 | 244559 | 328754 | -147189 | 60545 |

WASTE IN STAGE 3 & 4 (NOT AVAILABLE FOR EMBANKMENT IN STAGES 1 & 2) 62993
USE PAY ITEM TOTALS BELOW

INFORMATION:
SHRINKAGE FACTORS: EARTH EXCAVATION: 25%
ROCK EXCAVATION: 25%

UC = UNDERCUT (FROM CROSS-SECTIONS)
C = CUT (FROM CROSS-SECTIONS)
TSE = TOPSOIL STRIPPING & EARTH EXCAVATION
TSP = TOPSOIL EXCAVATION & PLACEMENT (COLUMN 8)

COLUMN 1 - LOCATION FROM PLANS
COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS (C)
COLUMN 3 - QUANTITIES FROM CROSS SECTIONS
COLUMN 4 - UNDERCUT QUANTITIES FROM CROSS SECTIONS (UC)
COLUMN 5 - TOPSOIL STRIPPING & EARTH EXCAVATION QUANTITIES FROM CROSS SECTIONS (TSE)
COLUMN 6 - CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT
= COLUMN 4 (UC) + COLUMN 5 (TSE) - COLUMN 10 (TSP)
COLUMN 7 - [(COLUMN 2) x (1-EARTH EXCAVATION SHRINKAGE FACTOR)] + COLUMN 3 x (1-ROCK EXCAVATION SHRINKAGE FACTOR)
COLUMN 8 - QUANTITIES FROM CROSS SECTIONS
COLUMN 9 - COLUMN 7 - COLUMN 8
COLUMN 10 - QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION OR EMBANKMENT

PAY ITEMS:
COLUMN #2 IS EARTH EXCAVATION = 324862 CU YD
COLUMN #3 IS ROCK EXCAVATION = 912 CU YD
COLUMN #6 IS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 105351 CU YD
COLUMN #9 IS FURNISHED EXCAVATION = 147189 CU YD
COLUMN #10 IS TOPSOIL EXCAVATION & PLACEMENT = 60545 CU YD

NOTES:
1. THE TOP 12 INCHES OF THE EXISTING SOILS WITHIN THE LIMITS OF THE PROPOSED PAVEMENT SHALL BE REMOVED (TSE) AS SHOWN IN THE CROSS SECTIONS. THIS WORK SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS, OR IF USED FOR TOPSOIL PURPOSES, TOPSOIL EXCAVATION AND PLACEMENT (TSP).
2. ALL SOILS SHALL BE TESTED BEFORE BEING INCORPORATED INTO THE NEW EMBANKMENT. THE ENGINEER RESERVES THE RIGHT TO RE-CLASSIFY ANY OF THE UNSUITABLE MATERIAL AND USE IT AS EMBANKMENT MATERIAL FOR SIDESLOPES OR IN SOD COVERED RAISED MEDIANS.
3. THE EXISTING SUBGRADE SOILS MAY BE PRONE TO SWELLING UPON WETTING. THEREFORE, AT LOCATIONS WHERE NEW EMBANKMENT FILL HEIGHT IS GREATER THAN 2 FEET AND LESS THAN 8 FEET, THE TOP 6 INCHES OF SUBGRADE SOILS SHOULD BE DISKED, DRIED, AND RECOMPACTED BETWEEN +2% AND +4% OF THE OPTIMUM MOISTURE CONTENT AND BETWEEN 90% AND 95% OF THE STANDARD DRY DENSITY.
4. ALL SOILS USED FOR EMBANKMENT SHALL HAVE LL LESS THAN 50%, PI BETWEEN 12% AND 20%, A MAXIMUM DRY DENSITY GREATER THAN 90 PCF, AND ORGANIC CONTENT LESS THAN 10%.
5. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL INCLUDES EXCAVATION OF MATERIAL.
6. EXCESS MATERIAL FROM STAGE 3 & 4 NOT AVAILABLE WHEN STAGE 1 AND 2 ARE TO BE CONSTRUCTED. FURNISHED EXCAVATION QUANTITY INCLUDES MATERIAL REQUIRED FOR STAGE 1 & 2.