

GENERAL NOTES

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS.
 - AMEREN UE GAS DISTRIBUTION
 - FOSTERBURG WATER
 - SBC
 - CHARTER
 - AMEREN UE ELECTRIC

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. ANY SEEDING REQUIRED OUTSIDE THE CONSTRUCTION LIMITS OR RIGHT OF WAY FOR THIS CONTRACT SECTION WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS A CONTRACTOR'S EXPENSE.
- MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 1 AS SPECIFIED IN ARTICLE 251.03.
- THE CONTRACTOR SHALL EXERCISE CARE IN TREE REMOVAL OPERATIONS AND TAKE WHATEVER PRECAUTIONS NECESSARY TO REMOVE ONLY THOSE TREES NECESSARY TO THE CONSTRUCTION OF THIS PROJECT AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE AWARE THAT HE MAY FIND ARCHEOLOGICAL EXCAVATIONS THAT HAVE NOT BEEN FILLED IN. THE CONTRACTOR SHALL DEWATER THE EXCAVATION, IF NECESSARY, AND FILL AND COMPACT THE HOLE WITH DIRT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST FOR EARTHWORK, AND NO OTHER COMPENSATION WILL BE ALLOWED.
- ALL CONSTRUCTION WARNING SIGNS SHALL BE FLUORESCENT ORANGE.
- THE CONTRACTOR SHALL PLACE ALL TRIMMED MATERIAL RESULTING FROM THE TRIMMING OPERATIONS ON THE OUTSIDE SHOULDERS. NO TRIMMED MATERIAL SHALL BE PLACED IN THE MEDIAN, NEITHER ON THE SLOPES NOR IN THE FLOW LINE. IT IS THE INTENT OF THE CONTRACT TO NOT DISTURB THE MEDIAN SHOULDERS OR FLOW LINES DURING CONSTRUCTION OPERATIONS. IF THE CONTRACTOR DISTURBS THESE SLOPES OR FLOW LINES IN THE MEDIAN HE/SHE SHALL REPLACE/RECONSTRUCT THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE DEPARTMENT.
- MULCH QUANTITIES ARE NOT PROVIDED FOR AREAS WHERE EROSION CONTROL BLANKET WAS PLACED AS PART OF THE GRADING CONTRACT.
- AT THE FOLLOWING LOCATIONS THE COVER OVER THE TOP OF THE EXISTING CULVERTS AND THE BOTTOM OF THE PROPOSED PAVEMENT IS LESS THAN 450MM. IN THESE AREAS THE CONTRACTOR WILL CEASE HIS/HER LIME STABILIZATION OPERATIONS 3 METERS FROM THE CENTERLINE OF THE CULVERT, OR AS DIRECTED BY THE ENGINEER, AND SUBSTITUTE AGGREGATE BASE COURSE, TYPE A FOR THE LIME STABILIZATION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR PROCESSING MODIFIED SOIL 300MM, WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO THESE CULVERTS AS DETERMINED BY THE ENGINEER. THESE LOCATIONS OCCUR AT THE FOLLOWING STATIONS: 30+910.000, 31+035.000, 31+250.000, 31+350.000, 31+500.000, 31+950.000, 32+270.000, 32+838.390, 32+935.000, 33+050.000, 33+200.000, 33+350.000, 33+500.000, 33+650.000, 33+800.000, 34+100.000, 34+245.000, 34+875.000, 35+025.000, 9+202.000, 9+990.000.
- RIGHT OF WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT OF WAY BOUNDARY. RIGHT OF WAY PROPERTY CORNERS ARE MARKED BY A 3/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DAMAGED WHEN SETTING THE RIGHT OF WAY MARKERS.
- THE EXCAVATION AND BEDDING REQUIRED FOR RR 4 RIPRAP AS DESCRIBED IN ARTICLE 281.04 OF THE STANDARD SPECIFICATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS STONE RIPRAP, CLASS A4.
- QUANTITIES FOR THE MATERIAL TRANSFER DEVICE:

| | |
|--|---------------|
| TOP 50 MM OF FULL DEPTH PAVEMENT 280 MM | = 1386 M TON |
| TOP 100 MM OF FULL DEPTH PAVEMENT 350 MM | = 1902 M TON |
| TOP 100 MM OF FULL DEPTH PAVEMENT 380 MM | = 11979 M TON |
| TOTAL QUANTITY MATERIAL TRANSFER DEVICE | = 15267 M TON |
- COMMITMENTS: NO TREES SHALL BE DISTURBED WITH THE REMOVAL OF THE EXISTING TAMM DRIVE

MIXTURE REQUIREMENTS

| MIXTURE USE | SURFACE | TOP 2.25"(57mm) | LOWER BINDER | SHOULDERS | TOP LIFT SHOULDERS |
|-----------------------------|----------------|-----------------|----------------|----------------|--------------------|
| AC/PG | SBS 76-22 | SBS 70-22 | PG 64-22 | PG 58-22 | PG 58-22 |
| RAP % (MIX) | 0% | 0% | 10% | 30% | 30% |
| DESIGN AIR VOIDS | 4.0% @ Ndes=80 | 4.0% @ Ndes=90 | 4.0% @ Ndes=90 | 2.0% @ Ndes=30 | **2.0% @ Ndes=30 |
| MIX COMPOSITION (GRADATION) | IL 12.5 | IL 19.0 | IL 19.0 | | |
| FRICTION AGG. | SMA | MIXTURE "B" | MIXTURE "B" | BAM | BAM |

** DESIGN THIS MIXTURE AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|---------|---------------------------|--------------|-----------|
| 310 | * | MADISON | 418 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| SECTION 60-14-2 & 60-14-2B CONTRACT NO. 76986 | | | | |

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IDOT HIGHWAY STANDARDS

| | |
|-----------|-----------|
| 000001-04 | 630301-04 |
| 001001-01 | 631031-06 |
| 202001 | 635001 |
| 280001-03 | 635006-02 |
| 406001-04 | 635011-01 |
| 406101-03 | 642001 |
| 420401-05 | 665001-01 |
| 482001-01 | 666001 |
| 542301-01 | 667101 |
| 542401 | 701001-01 |
| 601001-01 | 701006-02 |
| 601101 | 701326-02 |
| 602301-01 | 702001-06 |
| 604001-02 | 720011 |
| 609006-03 | 729001 |
| 630001-07 | 780001-01 |
| | 781001-02 |

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**GENERAL NOTES, INDEX OF SHEETS,
 AND STANDARDS**

FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14-2, 60-14-2B
 MADISON COUNTY

DRAWN BY BANDY
 CHECKED BY STEUART

DATE