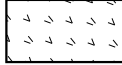
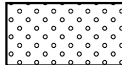


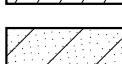








EROSION AND SEDIMENT CONTROL

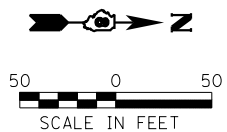
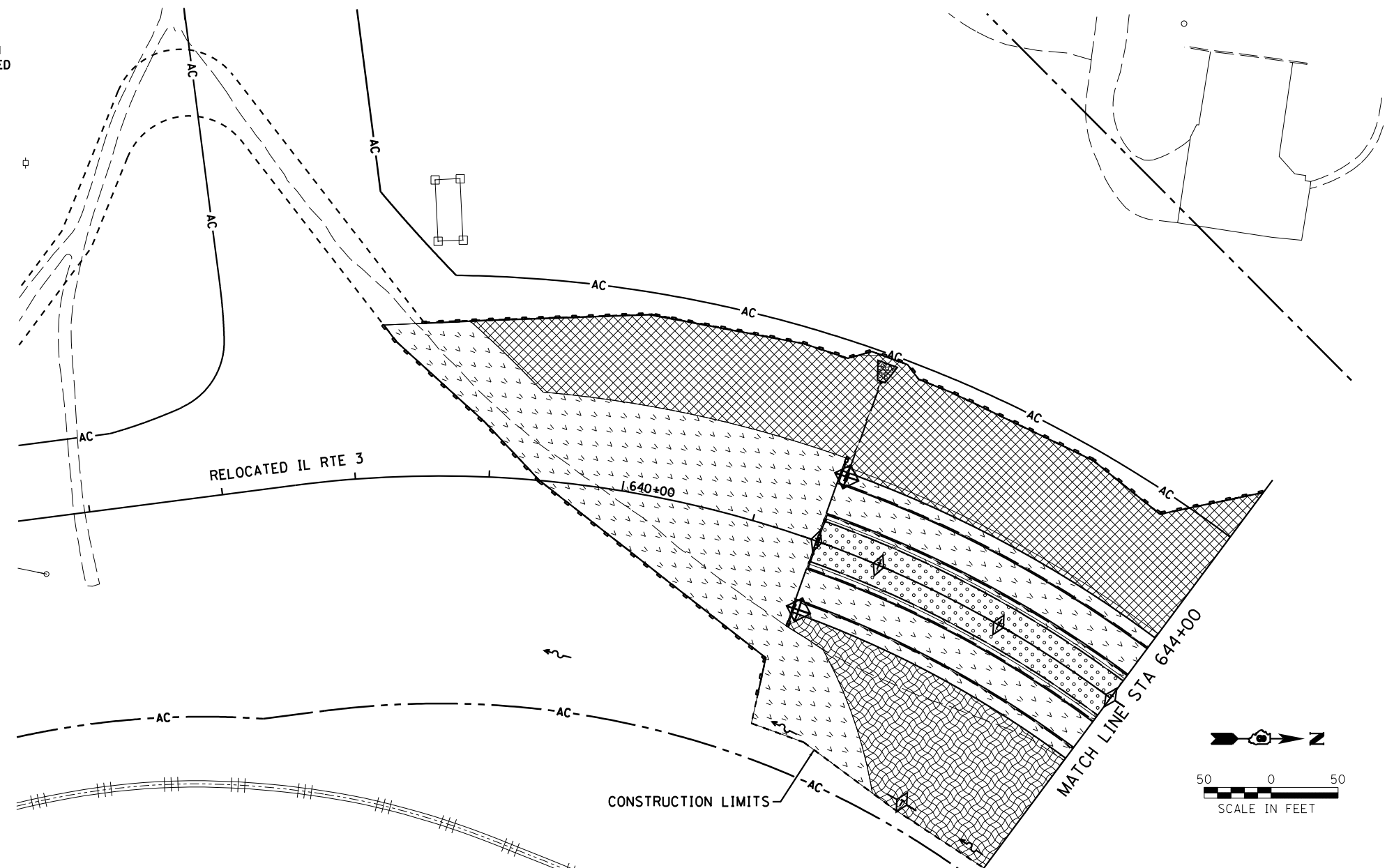
1. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORTED OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
3. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
4. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
5. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING/DISTURBANCE AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED/DISTURBED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES (PERMANENT MEASURES BY OTHERS). WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN (BY OTHERS) IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
6. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE - PERMANENT MEASURES BY OTHERS). TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, TEMPORARY SEEDING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS, THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
7. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
8. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS".
9. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
10. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
11. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
12. AT THE DIRECTION OF THE ENGINEER, ANY SUITABLE EXISTING EROSION CONTROL DEVICES (SUCH AS PERIMETER EROSION BARRIER) THAT IS LEFT IN PLACE FROM A PREVIOUS (OR CONCURRENT) CONTRACT MAY BE UTILIZED IN LIEU OF THE EROSION CONTROL DEVICES AS SHOWN IN THE CONTRACT PLANS. IN THIS INSTANCE, THE QUANTITY FOR THE UNUSED EROSION CONTROL DEVICES SHALL BE DELETED FROM THE CONTRACT.

LEGEND

-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED
-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED, IN ADDITION, AT CONCLUSION OF THE CONSTRUCTION - SEEDING, CLASS 2A & MULCH, METHOD 2
-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED, IN ADDITION, AT CONCLUSION OF THE CONSTRUCTION - SEEDING, CLASS 3A & HEAVY DUTY EROSION CONTROL BLANKET
-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED, IN ADDITION, AT CONCLUSION OF THE CONSTRUCTION - SEEDING, CLASS 4 & MULCH, METHOD 2
-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED, IN ADDITION, AT CONCLUSION OF THE CONSTRUCTION - SEEDING, CLASS 4A & MULCH, METHOD 2
-  DURING CONSTRUCTION TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED, IN ADDITION, AT CONCLUSION OF THE CONSTRUCTION - SEEDING, CLASS 3A & EROSION CONTROL BLANKET
-  STABILIZED CONSTRUCTION ENTRANCE (30'x75' TYP)

LEGEND CONTINUED

-  INLET & PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP



Farnsworth
GROUP, INC.
2705 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

| | | |
|-------------------------------|-----------------|--------------------|
| USER NAME = dmeyer | DESIGNED - JJ0 | REVISED - 02/06/13 |
| | DRAWN - JJ0 | REVISED - 03/15/13 |
| PLOT SCALE = 100.0000' / 1" = | CHECKED - PJM | REVISED - |
| PLOT DATE = 3/15/2013 | DATE - 12/10/12 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------------------|-----------|--------------|-----------|
| 788 | 520-1-2HVB, 520-1-2HVB-1 | ST. CLAIR | 237 | 28 |
| CONTRACT NO. 76848 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |