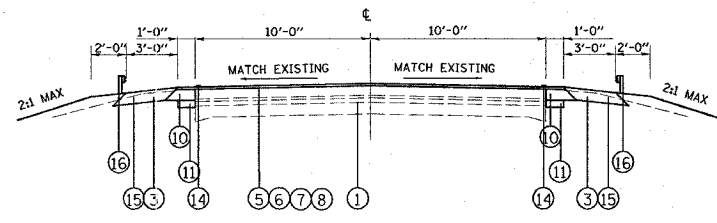
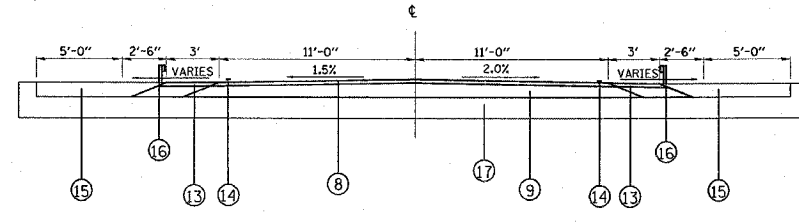


TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336A	31BR	MADISON	11	3
STA.	N/A	TO STA.	N/A	
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

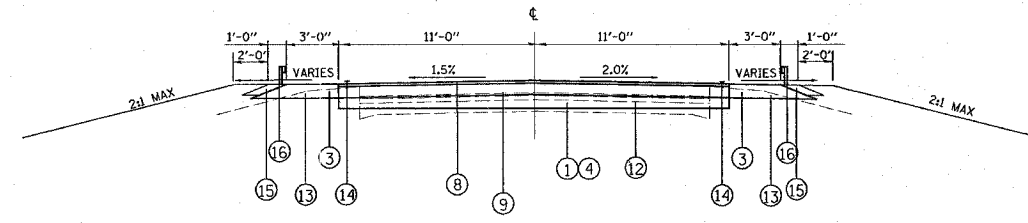


PROPOSED TYPICAL SECTION
 STA. 42+20.00 TO STA. 42+75.00
 STA. 43+65.00 TO STA. 44+20.00

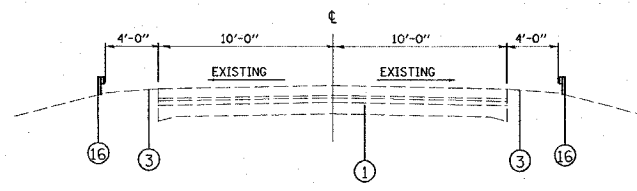


PROPOSED TYPICAL SECTION
 STA. 43+07.50 TO STA. 43+32.50

NOTES: EXTEND BITUMINOUS CONCRETE BINDER TO TOP OF CULVERT.



PROPOSED TYPICAL SECTION
 STA. 42+75.00 TO STA. 42+97.50
 STA. 43+42.50 TO STA. 43+65.00



PROPOSED TYPICAL SECTION
 STA. 41+34.50 TO STA. 42+20.00 RT.
 STA. 42+09.50 TO STA. 42+20.00 LT.
 STA. 44+20.00 TO STA. 44+34.50 RT.
 STA. 44+20.00 TO STA. 45+09.50 LT.

LEGEND

- ① EXISTING PAVEMENT - PCC BASE WITH SAND (6 1/2"), RED BRICK (1 1/2"), AND BITUMINOUS CONCRETE WEARING SURFACE (5 1/2")
- ② EXISTING APPROACH PAVEMENT - PCC BASE WITH REBAR (14"), RED BRICK (2 1/2"), AND BITUMINOUS CONCRETE WEARING SURFACE (7 1/2")
- ③ EXISTING AGGREGATE SHOULDER
- ④ PROPOSED PAVEMENT REMOVAL
- ⑤ PROPOSED BITUMINOUS SURFACE REMOVAL, 1 1/2" (SEE MILLING DETAIL - SHEET 2)
- ⑥ PROPOSED AGGREGATE (PRME COAT)
- ⑦ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑧ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50 1 1/2"
- ⑨ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, MIX B, N50, 6 1/2"
- ⑩ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, 6"
- ⑪ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑬ PROPOSED BITUMINOUS SHOULDER, SUPERPAVE 8"
- ⑭ PROPOSED PAVEMENT MARKING
- ⑮ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑯ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ PROPOSED DOUBLE BOX CULVERT, 11'X11'

GENERAL NOTES

1. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 400 OF THE STANDARD SPECIFICATIONS.
 2. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
 3. THE THICKNESS OF BITUMINOUS SURFACE REMOVAL, 1 1/2", IS THE NOMINAL THICKNESS AT THE C OF THE ROADWAY. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. BITUMINOUS SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR USE IN ESTABLISHING THE PAVEMENT CROSS SLOPE AND REMOVING SURFACE IRREGULARITIES.
 4. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. FIELD MARKING OF FACILITIES MY ALSO BE OBTAINED BY PROVIDING A MINIMUM OF 96-HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITY COMPANIES CAN BE NOTIFIED. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - SBC
 - CITY OF TROY
 - AMEREN IP
 - VILLAGE OF CASEYVILLE
 - CHARTER COMMUNICATIONS, INC
 - CITY OF COLLINSVILLE
 - VILLAGE OF MARYVILLE
 - CENTERPOINT ENERGY
 - AT&T CORPORATION
- MEMBERS OF J.U.L.I.E. 1-800-892-0123 ARE INDICATED BY •. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

EROSION CONTROL

1. THE PLANS INCLUDE ESTIMATED QUANTITIES FOR TEMPORARY EROSION CONTROL ITEMS. THESE ARE THE WORST CASE ESTIMATES, AND DISTURBANCE OF AREAS BEYOND THE LIMITS OF ACTUAL IMPROVEMENT ARE TO BE HELD TO A MINIMUM.
2. FINAL SEEDING (UTILIZING CLASS 2 SEEDING AND METHOD 1 MULCH) SHALL BE PERFORMED AS SOON AS POSSIBLE. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2SEEDING, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "SEEDING, CLASS 2".
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. TEMPORARY DITCH CHECKS, GEOTEXTILES, ROLLED EXCELSIOR, SILT WEDGES, PANELS SHALL BE LOCATED AT EVERY 15 FT FALL/RISE IN DITCH GRADE.
 TEMPORARY DITCH CHECK AGGREGATE USES GRADING NO. 3 - REMOVE AT OF CONSTRUCTION
5. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
6. TEMPORARY SEEDING ANS MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATION.
7. MULCH METHOD 1 AS APPLIED TO TEMPORARY SEEDING SHALL CONFORM TO SECTION 261 OF THE STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY SEEDING.
8. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION REMOVE AT END OF CONSTRUCTION.
9. ALL EROSION CONTROL PRODUCTS SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN PRIOR TO THE APPROVAL AND USE OF THE PRODUCT. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTORIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

COMMITMENTS
 NONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TYPICAL SECTIONS AND
 GENERAL NOTES**
 TR 336A
 SECTION 31BR
 MADISON COUNTY

DATE _____ DRAWN BY _____
 CHECKED BY _____