

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------|------------------|-----------|
| 785 | 137BR | BOND | 29 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

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29A. TRAFFIC BARRIER TERMINAL DETAIL

STANDARDS

| | | |
|-----------|-----------|-----------|
| 000001-04 | 630301-04 | 701306-01 |
| 001001-01 | 630301-04 | 701321-08 |
| 001006 | 635006-02 | 701326-02 |
| 280001-03 | 635011-01 | 702001-06 |
| 406201 | 664001-01 | 704001-03 |
| 515001-02 | 701001-01 | 780001-01 |
| 630001-07 | 701301-01 | 781001-02 |
| 630101-07 | 701006-02 | BLR6-5 |
| 631011-03 | 701011-01 | |

EROSION CONTROL PLAN

ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY AND PERMANENT) AT THE CONTRACTOR'S EXPENSE AND NO OTHER COMPENSATION WILL BE PERMITTED.

ALL EROSION CONTROL PRODUCTS FURNISHED 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 NOTARIZED 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 RECOMMENDED INSTALLATION PROCEDURE TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE WITH CLASS 2 SEEDING.

COMMITMENTS

- THE DEPARTMENT HAS COMMITTED TO RETAIN THE TEMPORARY ENTRANCE AT STA. 1527+69.18 (RT) AT THE PROPERTY OWNER'S REQUEST. IN ADDITION THE DEPARTMENT HAS AGREED TO PROVIDE THE PROPERTY OWNER THE NECESSARY ROCK TO CONNECT THE TEMPORARY ENTRANCE TO HIS EXISTING ENTRANCE. A TOTAL OF 5 TONS OF AGGREGATE SURFACE COURSE TYPE B HAS BEEN INCLUDED IN THE QUANTITIES FOR THIS. THE ENGINEER WILL COORDINATE WITH THE PROPERTY OWNER AS TO WHERE THIS MATERIAL SHALL BE STORED.

GENERAL NOTES

1. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.

2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES

- AT&T
- AMEREN IP
- ALHAMBRA-GRANTFORK TELEPHONE COMPANY
- VERIZON(GTE NORTH, INC.)
- SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
- 3 COUNTY PUBLIC WATER

(MEMBERS OF J.U.L.I.E., PHONE 800-892-0123, ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

3. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

4. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PRIMED, AND FINAL SURFACE. AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS TWICE THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS ALSO BEEN ADDED TO THE PLANS.

5. ALL REMOVAL ITEMS SHALL BE SAW CUT. THE COST WILL BE INCLUDED IN THE COST OF THE REMOVAL ITEM.

6. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE CONSIDERED TO BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLORESCENT ORANGE IN COLOR.

7. THE RECLAIMED ASPHALT PAVEMENT FROM THIS PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR.

8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND THE ORDERING OF MATERIALS.

9. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOURS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING ANY OPERATION.

11. 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 5/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER.

12. THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WHITE. THIS WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE APPLICABLE TRAFFIC CONTROL AND PROTECTION AND NO OTHER COMPENSATION SHALL BE ALLOWED.

13. THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING AN APPLICATION RATE OF .0015646 TONS/SQUARE YARD.

14. EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE FLASHING OR STEADY BURNING LIGHTS. NO ADDITIONAL COMPENSATION FOR THIS WILL BE ALLOWED.

15. A QUANTITY OF 535 SQUARE YARDS OF PAVEMENT REMOVAL HAS BEEN INCLUDED IN THE PLANS. A TOTAL OF 73 SQUARE YARDS OF THIS QUANTITY IS ASSUMED TO BE BRIDGE APPROACH PAVEMENT.

MIXTURES REQUIREMENT CHART

| MIXTURE USE | SURFACE | LEVEL BINDER | BINDER/WIDENING | INCIDENTAL SURF | PARTIAL DEPTH PATCH | SHOULDERS | TOP LIFT SHOULDERS | BASE COURSE |
|---------------------|----------------|----------------|-----------------|-----------------|---------------------|----------------|--------------------|----------------|
| AC/PG | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 58-22 | PG 58-22 | PG 64-22 |
| RAP % (MAX) | 10% | 10% | 15% | 10% | 10% | 30% | 30% | 15% |
| DESIGN AIR VOIDS | 4.0% @ Ndes=70 | 4.0% @ Ndes=70 | 4.0% @ Ndes=70 | 4.0% @ Ndes=70 | 4.0% @ Ndes=70 | 2.0% @ Ndes=30 | **2.0% @ Ndes=30 | 4.0% @ Ndes=70 |
| MIX COMPOSITION | IL 19.0 | | | | | | | |
| (GRADATION MIXTURE) | | | | | | | | |
| ERUCTION AGG | MIXTURE "C" | MIXTURE "C" | | MIXTURE "C" | MIXTURE "C" | BAM | BAM | |

**TOP LIFT SHOULDERS-DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**GEN. NOTES, INDEX ,
 STDS., COMITMENTS
 & MIX. REQUIREMENTS**
 FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY

PLOT DATE = 5/3/2007
 FILE NAME = c:\pwork\revs\del0601\plan\pl023.dgn
 USER = 20066 / IN
 USER NAME = 00000000

Rev