

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	108BR-I, 111BR-I	MADISON	123	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**HIGHWAY STANDARDS**

000001-04	630301-03	701306-01
280001-01	631011-02	701311-02
406201	631031-05	701321-08
420401-05	635006-02	701326-02
482001	635011-01	702001-05
515001-02	701006-02	704001-02
630001-05	701011-01	780001-01
601101	701301-02	781001-02

**GENERAL NOTES:**

- THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO 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. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - ALHAMBRA-GRANTFORK TELEPHONE COMPANY
  - BOND MADISON WATER COMPANY
  - CONOCO-PHILLIPS COMPANY.
  - MADISON TELEPHONE COMPANY
  - SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
  - CENTERPOINT ENERGY PIPELINE SERVICES
  - HOME TELEPHONE COMPANY
  - TRI-TOWNSHIP WATER DISTRICT
  - AT&T CORPORATION
 MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY •. NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR SHALL PROVIDE TWO SIGNAL HEADS (EACH) FOR THE APPROACHES ON THE SIDE ROAD & PRIVATE DRIVES. THE SIGNALS, DETECTOR LOOPS, THE NUMBER OF TURNS OF WIRE IN THE LOOPS SHALL BE AS DETERMINED BY THE ENGINEER.
- ALL ADDITIONAL TRAFFIC SIGNAL HEADS, LOOP DETECTORS AND ASSOCIATED EQUIPMENT REQUIRED TO MAINTAIN ACCESS AT THE SIDEROADS OR DRIVEWAY ENTRANCES SHALL BE INCLUDED IN THE COST OF "TEMPORARY BRIDGE TRAFFIC SIGNALS (STATE FURNISHED CONTROLLER)".
- THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS; HOWEVER, INSTALLATION BY METHOD 'A' (ARTICLE 730.04(g)) SHALL BE THE ONLY METHOD PERMITTED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND ENDING OF THE PROJECT AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE.
- ALL SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STORED AND RE-ERECTED ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- ALL SAW CUTTING FOR REMOVAL ITEMS SHALL BE FULL DEPTH AND SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM.
- NO TRENCHES OR OPEN PITS WILL BE PERMITTED ADJACENT TO A TRAFFIC LANE DURING NON-WORKING HOURS. ALL WIDENING TRENCHES SHALL BE BACKFILLED DURING THE SAME WORKING DAY IT WAS EXCAVATED.
- THE COST FOR GRADING AND SHAPING ALONG THE PROPOSED WIDENING SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION (WIDENING)".
- ALL WIDENING AND BASE COURSE PLACED DURING STAGE CONSTRUCTION SHALL BE REMOVED PRIOR TO PLACEMENT OF FINAL PAVEMENT. THIS SHALL BE PAID FOR AS "PAVEMENT REMOVAL".
- UTILITY LOCATIONS ARE PROVIDED FROM PERMIT INFORMATION (NOT SURVEYED). THE CONTRACTOR IS STILL REQUIRED TO VERIFY UTILITY LOCATIONS.
- THE TRAFFIC CONTROL MEASURES SHALL SUPPLEMENT AND BE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701321.
- THE COST OF "BARRICADES, TYPE III" SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)".
- THE PROPOSED TBT, TYPE 1 SPECIAL (TANGENT) TO BE USED DURING STAGE II CONSTRUCTION (SN 060-0334 - NE & SE QUADRANTS; SN 060-0339 - NW QUAD) SHALL BE REMOVED AND RE-ERECTED AT IT'S FINAL LOCATION AS SHOWN IN THE PLANS AFTER STAGE CONSTRUCTION IS COMPLETE. THIS WORK SHALL BE PAID FOR AS "REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1".
- THE COST TO REMOVE ALL THE EXISTING TRAFFIC BARRIER TERMINALS SHALL BE INCLUDED IN THE COST OF "GUARDRAIL REMOVAL".
- ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
- A QUANTITY OF 2225 FEET OF "TEMPORARY PAVEMENT MARKING - LINE 6" WHITE HAS BEEN INCLUDED IN THE PLANS FOR PAINTING THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER.
- THE BARRIER UNIT AT EACH END OF THE TRAFFIC CONTROL INSTALLATION SHALL BE SECURED TO THE PAVEMENT OR SHOULDER USING ALL SIX ANCHORING PINS FOR F-SHAPE BARRIER OR ALL SIX DOWEL BARS FOR NEW JERSEY SHAPE BARRIER.
- THE TEMPORARY CONCRETE BARRIER (STATE OWNED) IS LOCATED AT IL ROUTE 111 NORTH OF I-55/70. THE CONTRACTOR SHALL PICK UP THE BARRIER AND RETURN THE BARRIER TO THE SAME LOCATION UPON COMPLETION OF THE CONTRACT. ANY DAMAGED BARRIER WILL NOT HAVE TO BE REPLACED. THE CONTRACTOR SHALL DISPOSE OF DAMAGED CONCRETE BARRIER IN AN APPROVED DUMP SITE. THE CONNECTOR PINS SHALL BE FURNISHED BY THE CONTRACTOR AND THE COST SHALL BE INCLUDED WITH THE COST OF "TEMPORARY CONCRETE BARRIER (STATE OWNED)".

**COMMITMENTS**

NONE

**PERTINENT INFORMATION**

THERE IS A FIBER OPTIC CABLE ON THE WEST SIDE OF IL ROUTE 4 AT SILVER CREEK. THE FIBER OPTIC CABLE MARKER WILL HAVE TO BE ADJUSTED DURING CONSTRUCTION AT STATION 262+00, 40 FT. RT. AN AT&T TECHNICIAN WILL NEED TO BE ON SITE WHEN THE CONTRACTOR IS DIGGING IN CLOSE PROXIMITY OF THE CABLE.

THE LOCAL AT&T TECHNICIAN IS TERRY BELL AND CAN BE REACHED AT (618) 616-0720, OR HIS SUPERVISOR TERRY HOBBS CAN BE REACHED AT (314) 406-1304.

MIXTURE USE	SURFACE	BINDER	SHOULDERS	TOP LIFT SHOULDERS	BRIDGE APP PVMT CONN (FLEXIBLE)	BASE COURSE
AC/PG	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	30%	30%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	2.0% @ Ndes=30	**2.0% @ Ndes=30	4.0% @ Ndes=90	2.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)						
FRICITION AGG	MIXTURE "D"	MIXTURE "B"	BAM	BAM	MIXTURE "B"	BSE CSE

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

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS**  
 FAP ROUTE 314  
 SECTION 108BR-I, 111BR-I  
 MADISON COUNTY

Rev. 1-10-06

Rev.