

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2-3	HIGHWAY STANDARDS, GENERAL NOTES & UTILITY COORDINATION
4-8	SUMMARY OF QUANTITIES
9-11	TYPICAL SECTIONS
12	SCHEDULE OF QUANTITIES
13	ALIGNMENT, TIES & BENCHMARKS
14	PLAN AND PROFILE FAP ROUTE 314 (IL RTE 4)
15	DETOUR PLANS
16-17	MEDIAN DETAILS
18	PAVEMENT MARKING PLAN
19-47	STRUCTURAL SHEETS
48-52	CROSS SECTIONS FAP ROUTE 314 (IL RTE 4)

**GENERAL NOTES**

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- THE CONTRACTOR SHALL USE CARE IN ALL REMOVAL ACTIVITIES NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- MIXTURES FOR JOINTS, CRACKS AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL VARIES ACROSS PAVEMENT AND SHOULDERS, AN ESTIMATED 106 TONS OF HOT-MIX ASPHALT SURFACE WILL BE REMOVED.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.  
  
UTILITY INTERFERENCES ARE NOT ANTICIPATED ON THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS. NO ADDITIONAL SHALL BE ADDED TO THE CONTRACT RESULTING FROM UTILITY CONFLICTS.
- THE THICKNESS OF THE HOT-MIX ASPHALT 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.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO VARIATIONS FOUND IN THE FIELD. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. ANY ADJUSTMENTS PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE ENGINEER. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICES.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITWORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAI 55
SECTION	60-2HB-2
COUNTY	MADISON
CONTRACT	76G10

DESCRIPTION:	DECK REPLACEMENT AND ROADWAY APPROACH ON IL 4 OVER FAI 55, 0.5 MI E OF WORDEN - SN 060-0104
--------------	---------------------------------------------------------------------------------------------

ADT (CONSTRUCTION YR)	3700
MU%	9.5
SU%	7.4
20 YR ESAL'S	2.24

MIXTURE USE:	SURFACE COURSE	BINDER	SHOULDERS ≥ 2.25"
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70	**2.0% @ Ndes = 30
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0 FG	NMAS 3/4"
FRICTION AGG	MIXTURE "C"	MIXTURE "B"	
QUALITY MGMT PROGRAM	OCQA	OCQA	OCQA

\*\* TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

**HIGHWAY STANDARDS**

- 000001-06 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 - AREAS OF REINFORCEMENT BARS
- 001006 - DECIMAL OF AN INCH AND OF A FOOT
- 420401-10 - BRIDGE APPROACH PAVEMENT CONNECTOR
- 482011-03 - HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 515001-03 - NAME PLATE FOR BRIDGES
- 606001-05 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 - PC CONCRETE ISLANDS AND MEDIANS
- 610001-06 - SHOULDER INLET WITH CURB
- 630001-10 - STEEL PLATE BEAM GUARDRAIL
- 630301-06 - SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-12 - TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-03 - REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 - REFLECTOR MARKER AND MOUNTING DETAILS
- 701101-04 - OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701400-07 - APPROACH LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-08 - LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-08 - LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701428 - TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-03 - TRAFFIC CONTROL DEVICES
- 780001-04 - TYPICAL PAVEMENT MARKINGS
- 781001-03 - TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 - PRISMATIC CURB REFLECTORS
- BLR 17-4 - TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

**COMMITMENTS**

IF AT ANY POINT IN PROJECT IMPLEMENTATION OR OPERATION A COMMITMENT WILL BE AFFECTED BY SUBSEQUENT PROJECT DECISIONS OR COMMITMENTS, THE AFFECTED PARTIES, WHICH INCLUDES ALL DEPARTMENT PERSONNEL, WILL BE NOTIFIED AND THEIR COMMENTS WILL BE CONSIDERED PRIOR TO MAKING A FINAL DECISION ON THE ACTION AFFECTING THE EARLIER COMMITMENT. THE PROCEDURES AND THE RESULTS OF THE COORDINATION WITH AFFECTED PARTIES AND THE ULTIMATE DECISION ON THE PROPOSED CHANGE(S) TO THE COMMITMENT SHALL BE DOCUMENTED IN THE COMMITMENT FILE.

COMMITMENTS FOR THIS PROJECT ARE AS FOLLOWS:

NONE

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGHWAY STANDARDS, GENERAL NOTES &amp; UTILITY COORDINATION FAI 55</b>	P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\10E2166-10\60-2HB-2 76G10 FAI 55\10A00	Sheets\0076010-10\hgt-hygt-d-gennote.dgn	DRAWN - MCM	REVISED -			55	60-2HB-2	MADISON	52	2	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 76G10					
Default	PLOT DATE = 7/10/2014	DATE - 6/30/14	REVISED -			ILLINOIS FED. AID PROJECT					