

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SHEETS INDEX & GENERAL NOTES
3-8	SUMMARY OF QUANTITIES
9-26	SCHEDULE OF QUANTITIES
27-36	TYPICAL SECTIONS
37-38	ALIGNMENT DATA SHEETS
39-75	FAI RTE 172 PLAN SHEETS
76-79	INTERCHANGE RAMP PLAN SHEETS
80-85	IL RTE 57 PLAN SHEETS
86-90	IL RTE 96 PLAN SHEETS
91-92	BOX CULVERT DETAILS - IL 57 STA 31+17.0
93-101	MISCELLANEOUS DETAILS
102-118	BRIDGE REPAIR DETAILS, SN 001-0064 & SN 001-0065 (FAI 172 OVER IL 57)
119-134	BRIDGE REPAIR DETAILS, SN 001-0055 & SN 001-0056 (FAI 172 OVER BURTON CREEK)
135-151	BRIDGE REPAIR DETAILS, SN 001-0062 & SN 001-0063 (FAI 172 OVER MILL CREEK)
152-157	BRIDGE REPAIR DETAILS, SN 001-0061 (TR 483 OVER FAI 172)
158-161	BRIDGE REPAIR DETAILS, SN 001-0044 (IL 96 OVER FAI 172)
162	CROSS SECTIONS - IL 57 BOX CULVERT EXTENSION
163-165	CROSS SECTIONS - IL 57 TURN LANE

**GENERAL NOTES**

- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO HOT-MIX ASPHALT RESURFACING.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- PRIOR TO RESURFACING ACTIVITIES, THE CONTRACTOR AND THE ENGINEER SHALL VERIFY AND DOCUMENT THE EXISTING MINIMUM VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. IF NECESSARY, THE ENGINEER WILL MAKE ADJUSTMENTS TO THE RESURFACING THICKNESS SHOWN IN THE PLANS. UPON COMPLETION OF THE RESURFACING, THE ENGINEER WILL MEASURE AND DOCUMENT THE MINIMUM VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. IF THE MINIMUM VERTICAL CLEARANCE IS LESS THAN 16'-0", THE CONTRACTOR SHALL REMOVE AND REPLACE THE HOT-MIX ASPHALT SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK OR ANY INCONVENIENCE CAUSED BY COMPLYING WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE RESURFACING PAY ITEMS IN THIS CONTRACT.
- A POLYMER MODIFIED EMULSIFIED ASPHALT PRIME SHALL BE REQUIRED FOR THE PRIMING OF I-172 MAINLINE PAVEMENT, RAMP PAVEMENT, IL 57 PAVEMENT, AND IL 96 PAVEMENT. THE AREA PRIMED SHALL BE LIMITED TO THAT WHICH WILL BE COVERED WITH HOT-MIX ASPHALT THAT SAME DAY.
- THE CONTRACTOR SHALL MAINTAIN ACCESS CONTROL AT ALL TIMES DURING CONSTRUCTION.
- ELEVATIONS ALONG THE RADII WHERE RAMPS ARE TO BE WIDENED SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL SIGNS AND DELINEATORS CONFLICTING WITH TRAFFIC CONTROL OR CONSTRUCTION SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE INCLUDED WITH THE COST FOR TRAFFIC CONTROL ON THE PROJECT.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION(S):	POLYMER HMA SURF	POLYMER HMA BINDER	HMA BSE CSE	INCIDENTAL	HMA SHLD (LOWR LIFT)	HMA SHLD (UPR LIFT)	BSE CSE & D PATCH
MIXTURE USE(S):	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22	PG 64-22
AC/PG:	4.0% N DESIGN=70	4.0% N DESIGN=70	4.0% N DESIGN=50	4.0% N DESIGN=50	2.0% N DESIGN=30	4.0% N DESIGN=50	4.0% N DESIGN=70
DESIGN AIR VOIDS:	IL 9.5 OR IL 12.5	IL 19.0	IL 19.0	IL 9.5 OR IL 12.5	BAM (OTHER)	IL 9.5	IL 19.0
MIXTURE COMPOSITION:	MIX D	N/A	N/A	MIX C	N/A	MIX C	N/A
(GRADATION MIXTURE)							
FRICITION AGGREGATE							

**STANDARDS**

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
542546-01	FLUSH INLET BOX FOR MEDIAN
604101-01	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-06	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY

**GENERAL NOTES**

- ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.  
  
J.U.L.I.E. TELEPHONE NUMBER  
1-800-892-0123
- THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

EXAMINED Feb 2 20 10  
*[Signature]*  
 PROGRAM IMPLEMENTATION ENGINEER

EXAMINED February 2 20 10  
*[Signature]*  
 PROGRAM DEVELOPMENT ENGINEER

**STANDARDS**

STANDARD NO.	DESCRIPTION
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701400-04	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY / EXPRESSWAY
701402-07	LANE CLOSURE, FREEWAY / EXPRESSWAY, WITH BARRIER
701406-05	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-06	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 45 MPH
701451-01	RAMP CLOSURE FREEWAY / EXPRESSWAY
701456	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

**RATES OF APPLICATION TABLE**

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
SUBBASE GRANULAR MATERIAL	1.80 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON / SQ YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON / SQ YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON / SQ YD
SURFACE / BINDER (112 lbs)	0.056 TON / SQ YD • IN
SURFACE MIX D or E (120 lbs)	0.056 TON / SQ YD • IN
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
MULCH	2 TON / ACRE

**COMMITMENTS**

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW IMPROVEMENT IN THE DESIGN FOR FUTURE PROJECTS.
- LETTER OF UNDERSTANDING WITH ADAMS COUNTY AND TOWNSHIPS.
- A SECTION 404 PERMIT WILL BE REQUIRED FOR IMPROVEMENTS AT AUSTIN CREEK.

DISTRICT SIX

EXAMINED January 25 20 10  
*[Signature]*  
 OPERATIONS ENGINEER

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHEETS INDEX &amp; GENERAL NOTES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\09\files\090844\Work Order 5 (PE 2 - 1-72)\CADD_Sheets\002-D672A09-shr-gannote.dwg	DRAWN -	REVISED -	172			1-1,2,3,4,5IRS	ADAMS	165	2	
PLOT SCALE = 08.0001' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72A09							
PLOT DATE = 2/2/2010	DATE -	REVISED -	SCALE: none			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	