## **GENERAL NOTES**

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES ADD SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO THE USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. tHE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88).

G.N. 201 TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N. 406S

PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

RTE.	STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
	1952+00		1970+00	
I-57	478+00		482+00	70 MPH

AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED. CAST IN PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED

THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT

## **STANDARDS**

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

AREAS OF REINFORCEMENT

DECIMAL OF AN INCH AND OF A FOOT 001006 TEMPORARY EROSION CONTROL SYSTEMS 280001-07

420401-13 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB NAME PLATE FOR BRIDGES

515001-04

542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTIONS

542546-01 601101-02 FLUSH INLET BOX FOR MEDIAN CONCRETE HEADWALLS FOR PIPE DRAINS

STEEL PLATE BEAM GUARDRAIL SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 630301-09

TRAFFIC BARRIER TERMINAL, TYPE 2 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 6 SHOULDER RUMBLE STRIPS, 16 INCH

642001-03 SAND MODULE IMPACT ATTENUATORS

OFF-ROAD OPERATIONS, MULTILANE 15' TO 24" FROM PAVEMENT EDGE OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY 701101-05 701106-02

701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

LANE CLOSURE FREEWAY/FXPRESSWAY 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER

LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER 701411-09

701416-11

LANE CLOSURE, MULTILANE, INTERMITTENT OF MOVING OPERATION FOR SPEEDS > 45 MPH 701428-01

TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY RAMP CLOSURE FREEWAY/EXPRESSWAY

701451-05 701901-09

TRAFFIC CONTROL DEVICES
TEMPORARY CONCRETE BARRIER 704001-08

720001-01 SIGN PANEL MOUNTING DETAILS 720021-03

SIGN PANELS, EXTRUDED ALUMINUM TYPE OBJECT AND TERMINAL MARKERS 725001-01

TYPICAL PAVEMENT MARKINGS
TYPICAL PAVEMENT MARKINGS
TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS 781001-04

LUMINAIRE WIRING IN POLE LIGHTING CONTROLLER, BASE MOUNTED, 480V 821101-02

825026-04

LIGHTING POLE ALUMINUM DAVIT ARM LIGHT POLE FOUNDATION

BREAKAWAY DEVICES 838001-01

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL AGGREGATE MATERIAL 1.9 TON/CU, YD.

ALL HOT-MIX ASPHALT 112 LB/INCH/SQ. YD.

BITUMINOUS MATERIALS (PRIME COAT) 0.25 LB/SQ. FT. BITUMINOUS MATERIALS (TACK COAT) 0.05 LB/SQ. FT.

## **INDEX OF SHEETS**

1	l	TITLE SHEET
2	l	GENERAL NOTES, COMMITMENTS AND PROJECT SPECIFIC NOTES
3-13	l	SUMMARY OF QUANTITIES
14		I-72 PRE-CROSSOVER CONSTRUCTION TOPSOIL REMOVAL
		TYPICAL ROADWAY SECTIONS
15-18	l	I-72 TYPICAL ROADWAY SECTIONS
19	l	I-72 CROSSOVER TYPICAL SECTIONS
20-29		SCHEDULE OF QUANTITIES
30	l	ALIGNMENT TIES & BENCHMARKS
31-36	l	I-72 PLAN & PROFILE SHEETS
37-40	l	RAMP PLAN AND PROFILE SHEETS
41	l	I-72 CROSSOVER LAYOUT PLAN
42-45	l	I-72 CROSSOVER PLAN AND PROFILE SHEETS
46-47		I-72 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
48		I-57 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
49-54		I-72 MAINTENANCE OF TRAFFIC - STAGE 1
55	l	I-57 MAINTENANCE OF TRAFFIC - STAGE 1
56	l	I-72 MAINTENANCE OF TRAFFIC WINTER SHUTDOWN
57-61	l	I-72 MAINTENANCE OF TRAFFIC - STAGE 2
62	l	I-57 MAINTENANCE OF TRAFFIC - STAGE 2
63	l	PLAN EAST CROSSOVER
64		PLAN WEST CROSSOVER
65		CROSSOVER TOPSOIL REMOVAL PLAN
66-73	l	I-72 MAINTENANCE OF TRAFFIC - DETOURS
74-76	l	WIDTH RESTRICTION SIGNING
77	l	I-57 GRADING AND ATTENUATOR DETAILS
78-81	l	RAMP INTERSECTION DETAILS
82-85	l	SHOULDER TAPER DETAILS AT RAMPS
86-92	l	EROSION CONTROL PLAN
93-99	l	REMOVAL PLAN
100-103		DRAINAGE DETAILS
104		BUTT JOINT DETAILS
105-107		GUARDRAIL PLAN
108-114		PAVEMENT MARKING PLAN
115-123		SIGNING PLANS
124-130	l	LIGHTING PLANS
131		PRE-STAGE I DECK REPAIR DETAILS
132-187		STRUCTURE PLANS S.N. 010-0296 & S.N. 010-0297
188-191		BRIDGE MOUNTED SIGN DETAILS
$\sim$ $^{19}$	Ь	RUMBLE STRIP DETAIL SHEET
193-195A	ß	DISTRICT DETAILS
196-213	Γ	I-72 PRE-CROSSOVER CONSTRUCTION TOPSOIL CROSS SECTIONS
214-240		I-72 CROSS SECTIONS
241-258		I-72 CROSSOVER CROSS SECTIONS
259-265		I-57 CROSS SECTIONS
266-270		RAMP A CROSS SECTIONS
271-275		RAMP B CROSS SECTIONS
276-282		RAMP C CROSS SECTIONS
283-290		RAMP D CROSS SECTIONS
291-300	l	I-72 CROSSOVER REMOVAL TYPICAL & CROSS SECTIONS

GN 406H			$\sim\sim\sim\sim\sim\sim\sim$	/2	
LOCATIONS	SHOULDERS FOR STAGE TRAFFIC 2-WAY EB	SHOULDERS FOR STAGE TRAFFIC 2-WAY EB	CROSSOVERS	CROSSOVERS	CROSSOVER SHOULDERS
MIXTURE USE(S):	POLYMERIZED 1.5" SURFACE COURSE	POLYMERIZED 2.25" BINDER COURSE	"9.25" BINDER DEPTH IN MEDIAN"	"POLYMERIZED 1.5" SURFACE COURSE IN MEDIAN"	"10.75" MEDIAN SHOULDERS (BOTTOM 9.25")"
AC/PG:	SBS PG 70-22	SBS PG 70-22	( <del>SBS-</del> PG 64-22	SBS PG 70-22	<del>SBS</del> PG 64-22
ABR % (Max):	ARTICLE 1031.06(c)	ARTICLE 1031.06(c)	() ARTICLE 1031.06(c)	ARTICLE 1031.06(c)	ARTICLE 1031.06(c)
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN	4.0 %, 70 GYRATION DESIGN	4.0 %, 70 GYRATION DESIGN	4.0 %, 70 GYRATION DESIGN	4.0 %, 50 GYRATION DESIGN
MIXTURE COMPISITION (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-19.0	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX C	NONE	NONE	MIX C	NONE
MIXTURE WEIGHT:	112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.	(112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.	112 LBS./SQ. YD./IN.
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	{ ocoa	QCQA	QCQA
SUBLOT SIZE:	3000	3000	<u> </u>	3000	3000
LOCATIONS	CROSSOVER SHOULDERS	1-72 MAINLINE	I-72 MAINLINE	I-72 MAINLINE SHOULDERS	I-72 MAINLINE SHOULDERS
LOCATIONS MIXTURE USE(S):	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")"	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE"	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")	I-72 MAINLINE SHOULDERS 10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5")
LOCATIONS MIXTURE USE(S): AC/PG:	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")" S95-PG 64-22	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22	1-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25") SBS PG 70-22	I-72 MAINLINE SHOULDERS 10" SHOULDERS (BOTTOM 8.5") (3 LIFTS) 596 PG 64-22	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 503-PG 64-22
LOCATIONS MIXTURE USE(S): AC/PG: ABR % (Max):	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")" S95-PG 64-22 ARTICLE 1031.06(c)	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22 ARTICLE 1031.06(c)	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")  SBS PG 70-22  ARTICLE 1031.06(c)	I-72 MAINLINE SHOULDERS  10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)  500 PG 64-22  ARTICLE 1031.06(c)	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 563-PG 64-22 ARTICLE 1031.06(c)
LOCATIONS MIXTURE USE(S):	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")" S95-PG 64-22	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22	1-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25") SBS PG 70-22	I-72 MAINLINE SHOULDERS 10" SHOULDERS (BOTTOM 8.5") (3 LIFTS) 596 PG 64-22	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 503-PG 64-22
LOCATIONS MIXTURE USE(S): AC/PG: ABR % (Max):	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")" S95-PG 64-22 ARTICLE 1031.06(c)	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22 ARTICLE 1031.06(c)	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")  SBS PG 70-22  ARTICLE 1031.06(c)	I-72 MAINLINE SHOULDERS  10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)  500 PG 64-22  ARTICLE 1031.06(c)	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 565-PG 64-22 ARTICLE 1031.06(c)
LOCATIONS MIXTURE USE(S): AC/PG: ABR % (Max): DESIGN AIR VOIDS: MIXTURE COMPISITION	CROSSOVER SHOULDERS "10.75" MEDIAN SHOULDERS (TOP 1.5")" S85-PG 64-22 ARTICLE 1031.06(c) 4.0 %, 50 GYRATION DESIGN	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22 ARTICLE 1031.06(c) 4.0 %, 90 GYRATION DESIGN	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")  SBS PG 70-22  ARTICLE 1031.06(c)  4.0 %, 70 GYRATION DESIGN	I-72 MAINLINE SHOULDERS  10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)  500 PG 64-22  ARTICLE 1031.06(c)  4.0 %, 50 GYRATION DESIGN	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 503-PG 64-22 ARTICLE 1031.06(c) 4.0 %, 50 GYRATION DESIGN
LOCATIONS MIXTURE USE(S): AC/PG: ABR % (Max): DESIGN AIR VOIDS: MIXTURE COMPISITION (GRADATION MIXTURE) FRICTION AGGREGATE:	CROSSOVER SHOULDERS  "10.75" MEDIAN SHOULDERS (TOP 1.5")"  S95-PG 64-22  ARTICLE 1031.06(c)  4.0 %, 50 GYRATION DESIGN  IL-9.5	1-72 MAINLINE   "POLYMERIZED 1.5" SURFACE COURSE"   SBS PG 70-22   ARTICLE 1031.06(c)   4.0 %, 90 GYRATION DESIGN   IL-9.5	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")  SBS PG 70-22  ARTICLE 1031.06(c)  4.0 %, 70 GYRATION DESIGN  IL-19.0	I-72 MAINLINE SHOULDERS  10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)  595 PG 64-22  ARTICLE 1031.06(c)  4.0 %, 50 GYRATION DESIGN  IL-19.0	I-72 MAINLINE SHOULDERS 10" SHOULDERS (TOP 1.5") 505 PG 64-22 ARTICLE 1031.06(c) 4.0 %, 50 GYRATION DESIGN IL-9.5
LOCATIONS MIXTURE USE(S): AC/PG: ABR % (Max): DESIGN AIR VOIDS: MIXTURE COMPISITION (GRADATION MIXTURE)	CROSSOVER SHOULDERS  "10.75" MEDIAN SHOULDERS (TOP 1.5")"  SBS-PG 64-22  ARTICLE 1031.06(c)  (4.0 %, 50 GYRATION DESIGN  IL-9.5  MIX C	I-72 MAINLINE "POLYMERIZED 1.5" SURFACE COURSE" SBS PG 70-22 ARTICLE 1031.06(c) 4.0 %, 90 GYRATION DESIGN IL-9.5 MIX E	I-72 MAINLINE  VARIABLE DEPTH BINDER COURSE (MINIMUM 2.25")  SBS PG 70-22  ARTICLE 1031.06(c)  4.0 %, 70 GYRATION DESIGN  IL-19.0  NONE	I-72 MAINLINE SHOULDERS  10" SHOULDERS (BOTTOM 8.5") (3 LIFTS)  595 PG 64-22  ARTICLE 1031.06(c)  4.0 %, 50 GYRATION DESIGN  IL-19.0  NONE	I-72 MAINLINE SHOULDERS  10" SHOULDERS (TOP 1.5")  553-PG 64-22  ARTICLE 1031.06(c)  4.0 %, 50 GYRATION DESIGN  IL-9.5  MIX C

SCALE:

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS							
DEPARTMENT OF TRANSPORTATION							

	NOTES. COMMITMENTS & PROJECT SPECIFIC NOTES					F.A.I. SECTION		
GENEKAL	NOTES, (	COMINI	IWI	ENIS &	PROJEC	I SPECIFIC NOTES	72	(10-33HB-2)BR
	CHEET 1	0.5	1	CHIEFTO	CTA	TO CTA		

COUNTY

CHAMPAIGN

300

CONTRACT NO. 70254