

# INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
3-10	SUMMARY OF QUANTITIES
11-17	SCHEDULES OF QUANTITIES
18-19	TYPICAL SECTIONS
20-42	PLAN SHEETS
43-45	STAGING PLANS
46-59	STRUCTURAL DETAILS
60-67	MISCELLANEOUS DETAILS

# GENERAL NOTES

1. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.

2. THE THICKNESS OF THE HMA 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 HMA MIXTURE IS PLACED.

3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE MAINLINE CONSTRUCTION SECTIONS AND THE CROSSOVER SIDE ROAD CONSTRUCTION LIMITS, AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48". THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.

4. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	I-72 & RAMPS	I-72 & RAMPS	I-72/RAMPS (1 1/2"/2")	I-72 (2 1/4")	I-72 (CROSSOVERS)	I-72 (STAGING)
MIXTURE USE	POLYMER HMA SURFACE COURSE	POLYMER HMA BINDER COURSE	HMA SHOULDER (TOP LIFT)	HMA SHOULDER (BOTTOM LIFT)	INCIDENTAL SURFACE	HMA BASE COURSE
PG	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 90	4.0% @ N DESIGN = 90	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 90
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICITION AGGREGATE	MIX "D"	N/A	MIX "C"	N/A	MIX "C"	N/A

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).

5. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

6. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5312 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.

7. ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

8. ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

9. THE CONTRACTOR SHALL BE AWARE THAT EXISTING CONCRETE PATCHES SHALL BE MILLED AS PART OF THE PROPOSED HMA SURFACE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE MILLING OF THE CONCRETE.

10. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.00038	TON / SQ YD (PAVEMENT) OR
	0.001425	TON / SQ YD (AGG. SURFACE)
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	4	FT /40 FT OF APPLICATION
RIPRAP	1.75	TONS / CU YD

11. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHOULD BE CONSIDERED APPROXIMATE.

12. THE QUANTITY FOR OUTLET MARKERS IS BASED ON THE TOTAL LENGTH OF THE PROJECT (TIMES 4 PAVEMENT EDGES) DIVIDED BY 500 FEET AS PER ARTICLE 601.04 OF THE STANDARD SPECIFICATIONS FOR PIPE UNDERDRAIN OUTLETS AND (WHEN APPLICABLE) THE LENGTH OF THE RAMPS (TIMES 2 PAVEMENT EDGES) DIVIDED BY 500 FEET.

13. THE CONTRACTOR WILL BE REQUIRED TO REPAIR THOSE AREAS THAT ARE DAMAGED AS A PART OF THE EXECUTION OF THIS CONTRACT OR AS OTHERWISE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE MEASURED FOR PAYMENT. THE COST OF SEEDING, FERTILIZING AND MULCHING AREAS OF TURF THAT ARE DAMAGED, WILL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS WORK ITEMS RELATED TO THE OPERATIONS CAUSING THE DAMAGE.

# HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
542401-01	METAL END SECTION FOR PIPE CULVERTS
610001-06	SHOULDER INLET WITH CURB
635001-01	DELINEATORS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-09	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701406-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701451-01	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC - ROAD CLOSED TO THRU TRAFFIC)

# COMMITMENTS

1. 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.

PART B - SHEET 2 of 67

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \CADD\0672C88-shit-gennote.dgn		DRAWN -	REVISED -			72	(84-10-3)RS-5	SANGAMON	95	30
 Johnson, Depp & Oulsenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 72C88				
	PLOT DATE = 04/02/2013 09:07:33	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT