

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	DIST 8 SEAL COAT 2016-1	MADISON	10	1
		ILLINOIS	CONTRACT NO. 76H93	

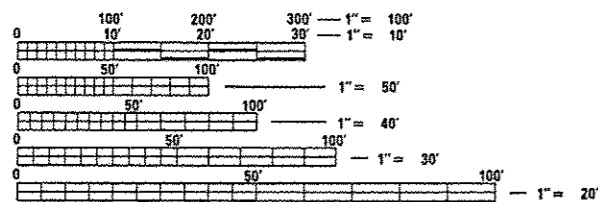
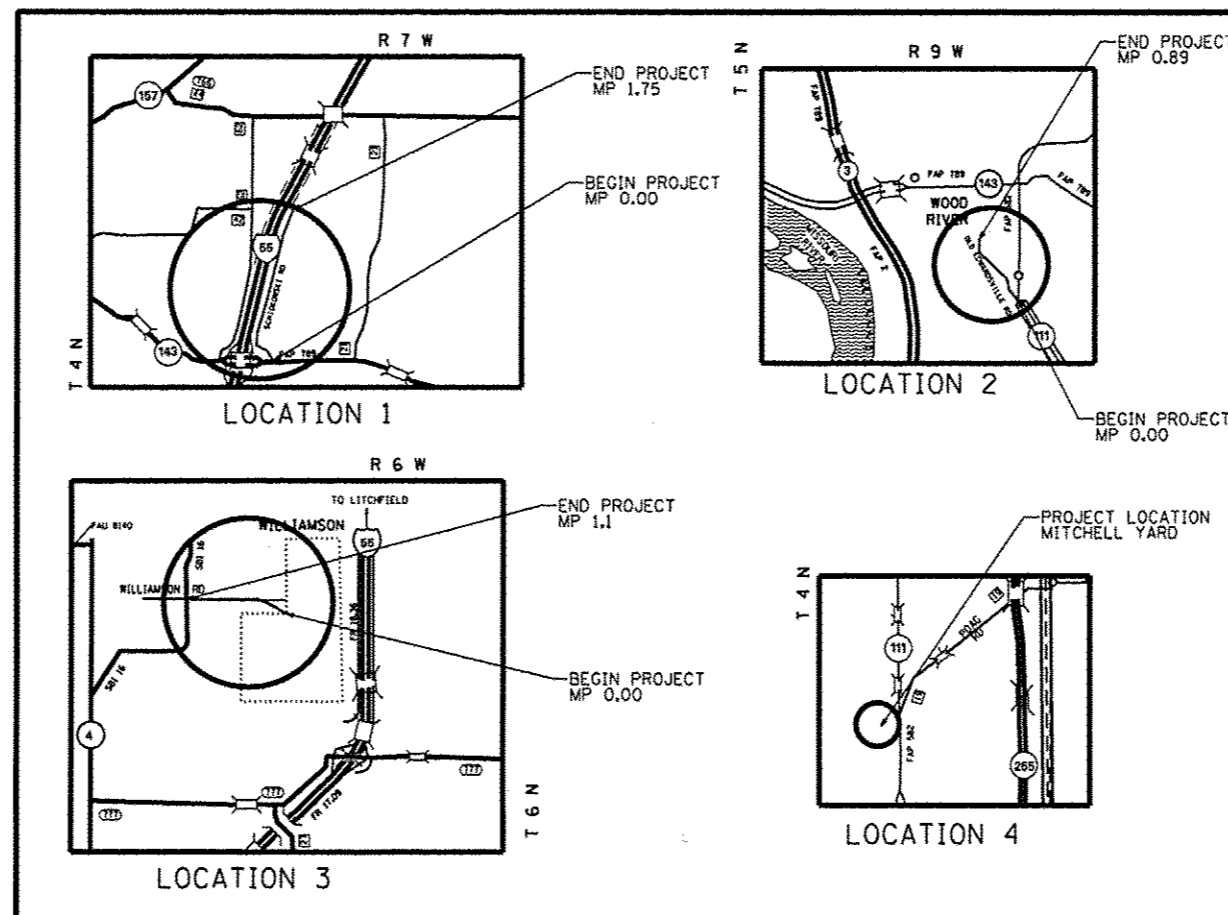
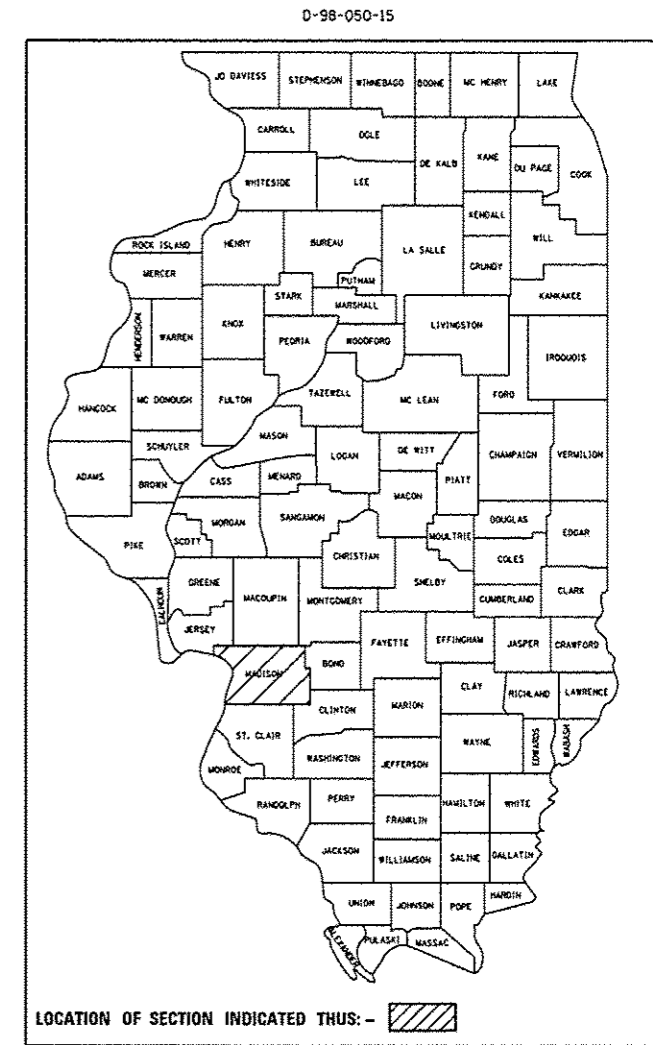
INDEX OF SHEETS

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- 4 SCHEDULES OF QUANTITIES
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VARIOUS ROUTES
SECTION DIST 8 SEAL COAT 2016-1
RESURFACING - OIL AND CHIP
MADISON COUNTY

C-98-043-15

FOR ADT INFORMATION, SEE SHEET NO.2



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

FOR LATITUDE AND LONGITUDE SEE PLAN SHEETS

GROSS LENGTH = 20,190 FT. = 3.82 MILE
 NET LENGTH = 20,190 FT. = 3.82 MILE

NOT TO SCALE

PROJECT ENGINEER : HERVE GELIN (618)346-3179
 SQUAD CONTACT : BILLIE OWEN-(618)346-3329

CONTRACT NO. 76H93

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Feb 10 20 16
Jeffrey Z. Kamras
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

March 10 20 16
Muhammad M. Adob, PE
 ENGINEER OF DESIGN AND ENVIRONMENT

March 10 20 16
Omer Osman, PE, BC
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

STANDARDS

000001-06
 001006
 701306-03
 701311-03
 701501-06
 701901-05
 780001-05

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO 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.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
4. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY ENGINEER.
5. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN THE PLANS.
6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUAL 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 THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUE PRINT READING, SITE PLANS, SITE WORK, 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. 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 TRAINING GOALS.
7. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
8. "ROAD CONSTRUCTION AHEAD" SIGN SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
9. CONTRACTOR SHALL ENSURE PROPOSED BITUMINOUS SURFACE TREATMENT WILL NOT BE PLACED ON THE EXISTING RUMBLE STRIP SHOULDERS AT LOCATION 2.

10. THE RESIDENT ENGINEER SHALL LOCATE ALL PAVEMENT MARKING/NO PASSING ZONE LIMITS PRIOR TO HMA SURFACE TREATMENTS SO THE LIMITS CAN BE REPRODUCED UPON COMPLETION.
11. THE IDOT MAINTANANCE YARDS SHALL BE COMPLETED TO THE SATISFACTION OF THE MAINTENANCE FIELD TECHNICIAN. WORK SHALL BE CONDUCTED FROM 7:00 AM TO 3:30 PM ON WEEKDAYS. THE YARD TECHNICIAN SHALL BE NOTIFIED 3 DAYS PRIOR TO START OF WORK AT THE MAINTENANCE YARD. CONTACT JASON BOLLMAN AT (618)259-1440 FOR THE MITCHELL YARD.
12. AT LOCATIONS WHERE PERMANENT PAVEMENT MARKINGS ARE PROPOSED, THE CONTRACTOR SHALL SWEEP THE ENTIRE ROADWAY A MINIMUM OF TWO WEEK, BUT NOT TO EXCEED THREE WEEKS AFTER APPLICATION OF SEAL COAT AGGREGATE TO ALLOW PLACEMENT OF PAINT PAVEMENT MARKINGS. OF THIS TIME FRAME, THERE MUST BE SEVEN CONSECUTIVE DAYS OF DRY WEATHER BEFORE THE FINAL PAVEMENT MARKING CAN BE APPLIED. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE OF THE SURFACE TREATMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LOCATION	DESCRIPTION	TRAFFIC DATA			
		ACTUAL (YEAR)	ESTIMATED (2016)	SU (%)	MU (%)
1	SCHIPKOWSKI ROAD	75 (1996)	100	---	---
2	OLD EDWARDSVILLE ROAD	2750 (2012)	2850	5.5	1.5
3	WILLIAMSON AVENUE	750 (2011)	800	---	---
4	MITCHELL YARD	---	---	---	---

COMMITMENTS

NONE

FILE NAME =	USER NAME = martha	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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#MODELNAME#	PLOT DATE = 2/18/2016	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
						CONTRACT NO. 76H93				

QUANTITY SCHEDULE

PAY ITEM	UNIT	TOTAL	RURAL LOCATION 1	URBAN LOCATION 2	URBAN LOCATION 3	URBAN LOCATION 4
BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	135.2	57.7	30.5	33.9	13.1
COVER COAT AGGREGATE	TON	463	198	104	116	45
SEAL COAT AGGREGATE	TON	463	198	104	116	45
MOBILIZATION	L SUM	1	0.4	0.2	0.3	0.1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		0.5	0.5	
PAINT PAVEMENT MARKING - LINE 4"	FOOT	31852		16223	15629	
TEMPORARY RAISED PAVEMENT MARKER	EACH	525		235	290	
RRPM PROTECTION	EACH	148		74	74	

THE FOLLOWING APPLICATION RATES WERE USED IN DETERMINING QUANTITIES:
 BITUMINOUS MATERIAL (COVER AND SEAL COAT) = 0.001460 TONS/SQYD
 COVER COAT AGGREGATE = 0.01 TONS/SQYD
 SEAL COAT AGGREGATE = 0.01 TONS/SQYD

PAVEMENT MARKING SCHEDULE PAINT PAVEMENT MARKING 4"								
LOCATION 2 - OLD EDWARDSVILLE ROAD								
MP	TO	MP	COMMENTS	SOLID LINE YELLOW FOOT	SKIP DASH YELLOW FOOT	SOLID LINE WHITE FOOT	TEMP RPM EACH	RRPM EACH
0.00	TO	0.30	NO PASSING	3168		3168	79	40
0.30	TO	0.43	NO PASSING SB	686.4	171.6	1372.8	34	17
0.43	TO	0.61	PASSING		237.6	1900.8	47	23
0.61	TO	0.70	NO PASSING NB	475.2	118.8	950.4	25	12
0.70	TO	0.88	NO PASSING	1900.8		1372.8	47	23
0.88	TO	0.89	NO PASSING SB	52.8	52.8	105.6	3	2
SUB TOTAL				6283.2	541.2	9398.4	235	117
LOCATION 3 - WILLIAMSON AVENUE								
0.00	TO	0.11	PASSING		145.2	1161.6	29	14
0.11	TO	0.35	NO PASSING NB	1267.2	316.8	2534.4	63	32
0.35	TO	0.37	NO PASSING	211.2		211.2	5	3
0.37	TO	0.58	NO PASSING SB	1108.8	277.2	2217.6	56	28
0.58	TO	1.10	PASSING		686.4	5491.2	137	68
SUB TOTAL				2587.2	1425.6	11616	290	145
TOTAL				8870.4	1966.8	21014.4	525	262
ROUNDED TOTAL						31852	525	262

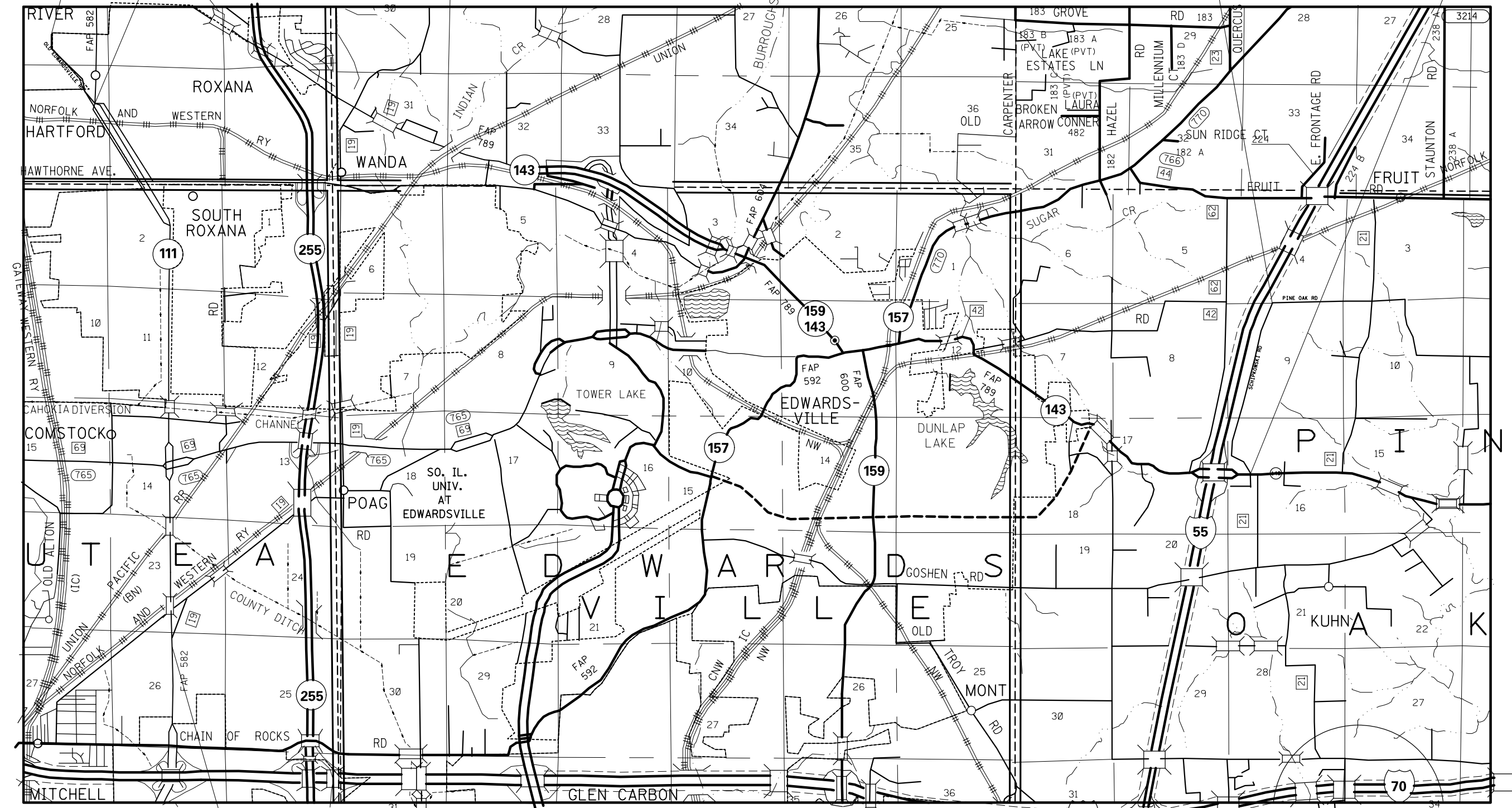
PAVING SCHEDULE							
	MP	TO	MP	BIT MAT'L COVER & SEAL COAT TON	COVER COAT AGGREGATE TON	SEAL COAT AGGREGATE TON	COMMENTS
LOCATION 1	0.00	TO	0.65	20.0	69	69	ROADWAY WIDTH = 18 FT
LOCATION 1	0.65	TO	1.76	37.7	129	129	ROADWAY WIDTH = 20 FT
LOCATION 2	0.00	TO	0.89	30.5	104	104	
LOCATION 3	0.00	TO	1.10	33.9	116	116	
LOCATION 4				13.1	45	45	ODD AREA
TOTAL				135.2	463	463	

LOCATION 2 END PROJECT
CITY MAINTENANCE
LAT: 38.852415
LONG: -90.086319

LOCATION 2 BEGIN PROJECT
IL111
LAT: 38.8427789
LONG: -90.078937

LOCATION 1 END PROJECT
PIN OAK RD
LAT: 38.8176787
LONG: -89.887526

LOCATION 1 BEGIN PROJECT
IL143
LAT: 38.7957855
LONG: -89.8900014



LOCATION 4
MITCHELL YARD
LAT: 38.774805
LONG: -90.067845

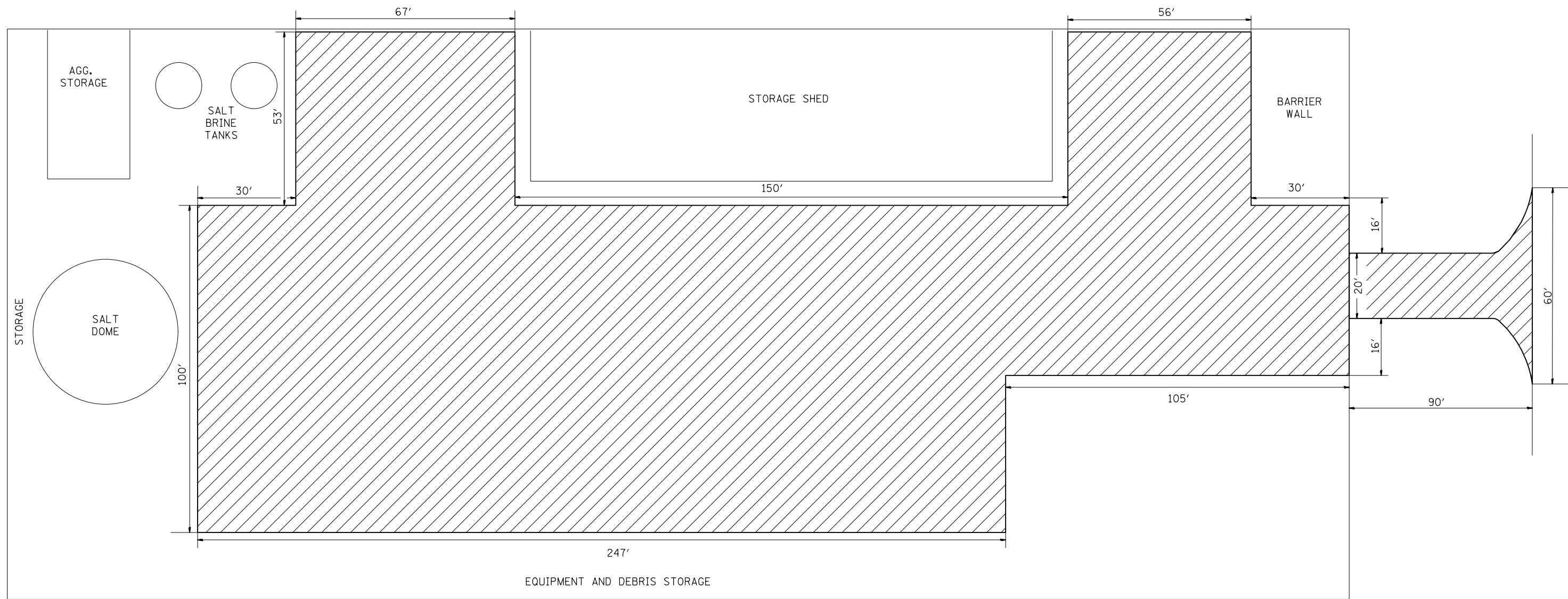
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 1, 2 AND 4 MAP
SCHIPKOWSKI RD, OLD EDWARDSVILLE RD, & MITCHELL YARD**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	DIST8 SEAL COAT 2016-1	MADISON	10	5
			CONTRACT NO. 76H93	
ILLINOIS FED. AID PROJECT				



 BITUMINOUS SURFACE TREATMENT A-2

NOT TO SCALE

FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 4 PLAN MITCHELL YARD			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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#MODELNAME#	PLOT DATE = 2/10/2016	CHECKED -	REVISED -								CONTRACT NO. 76H93				
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT				