STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

(31X)RS-1 & (32)RS-3

INDEX OF SHEETS

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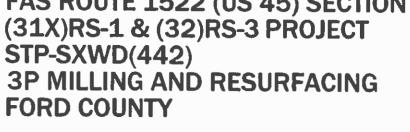
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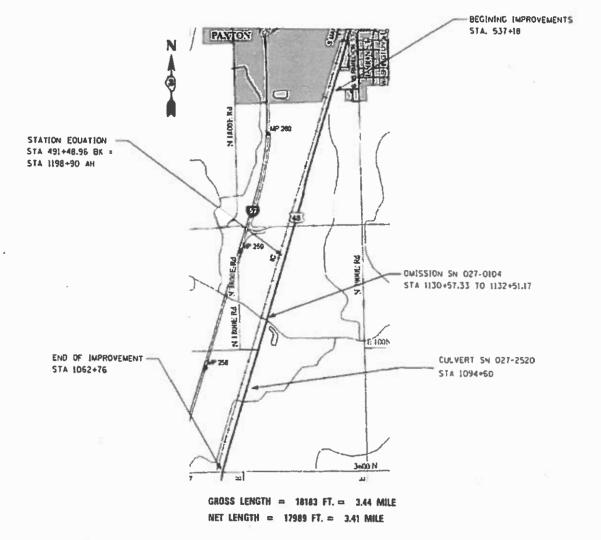
- GENERAL NOTES
- SUMMARY OF QUANTITIES
- SCHEDULE OF QUANTITIES
- SCHEMATIC

PROPOSED HIGHWAY PLANS

FAS ROUTE 1522 (US 45) SECTION (31X)RS-1 & (32)RS-3 PROJECT STP-SXWD(442) 3P MILLING AND RESURFACING

C-93-089-19





D-93-065-19



FUNCTIONAL CLASSIFICATION RURAL MAJOR COLLECTOR 2017 ADT = 4450 PV 95.37% SU 2.70% MU 1.57%

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** SUBMITTED

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

00000 t-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
442201-03	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS ZL. ZW. MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15" (4.5 ml TO 24" (600 mm) FROM
	PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L. 2W. SLOW MOVING OPERATIONS DAY ONLY.
	FOR SPEEDS ÿbe"
701311-03	LANE CLOSURE, ZL. ZW. MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L. 2NV. WORK AREAS IN SERIES, FOR SPEEDS Tyber
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS



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 AROVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: JOE KANNEL P.E. UNIT CHIEF: ARLENE OTERO-FEBUS DISTRICT 3 NO. (815) 434-6131 CONTRACT NO. 66K05

GENERAL NOTES

THE THICKNESS OF HMA 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 IS PLACED.

THE HMA SURFACE OF SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORME TO THE SHAPES AND DIMENSIONS SHOV/N ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

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

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE VIHICH UTILITIES ARE IN THE AREA.

	HMA MIXTURE REQU	IREMENT TABLE	
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA LEVEL BINDER	HMA SURFACE	INCIDENTAL HMA
			SURFACING
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0 % @ NSO	4.0 % @ N50	4.0 % @ N50
MIXTURE COMPOSITION:	IL 9.5FG	IL 9.5	IL 9,5
(MIXTURE GRADATION)			
FRICTION AGGREGATE:		MIXTURE C	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QC/QA
SUBLOT SIZE:	1000 TON	1000 TON	N/A
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF THE ENGINEER

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

COMMITMENTS

RESIDENT ENGINEER / TECHNICIAN

DATE:

DISTRICT STUDIES & PLANS ENGINEER

10,2019

REVISED -FILE NAME * USER NAME = NOLASCOCJ DESIGNED - EVAN MARINI ROWTHOUR - EVAN MARINI REVISED -PLOT SCALE = 100.0000 1/ln. CHECKED . RON WOODSHANK REVISED . PLOT DATE = 5/10/2019 DATE 1/22/2019 REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

START & END DATES OF CONSTRUCTION:

INSPECTORS:

SCALE

GENERAL NOTES OF 1 SHEETS STA. TO STA

SECTION FORD 10 2 (31X)RS-1 & (32)RS-3 1522 CONTRACT NO. 66K05 FLLINOIS FED. AID PROJECT

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PREPARED BY:

EXAMINED BY

				CONSTR. COL
			80% FED 20% STATE	FUND TYPE STP-RUR
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	RURAL
			Q0/111111	7.07.0.12
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40854	40854
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	18	18
40600527	LEVELING BINDER (HAND METHOD), IL-9.5FG, N50	TON	30	30
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	4178	4178
40600990	TEMPORARY RAMP	SQ YD	153	153
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5015	5015
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	70	70
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	829	829
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	59696	59696
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	264	264
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	20	20
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	660	660
67100100	MOBILIZATION	L SUM	1	1
				i .

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Default	PLOT DATE = 5/10/2019	DATE -	1/22/2019	REVISED -	L

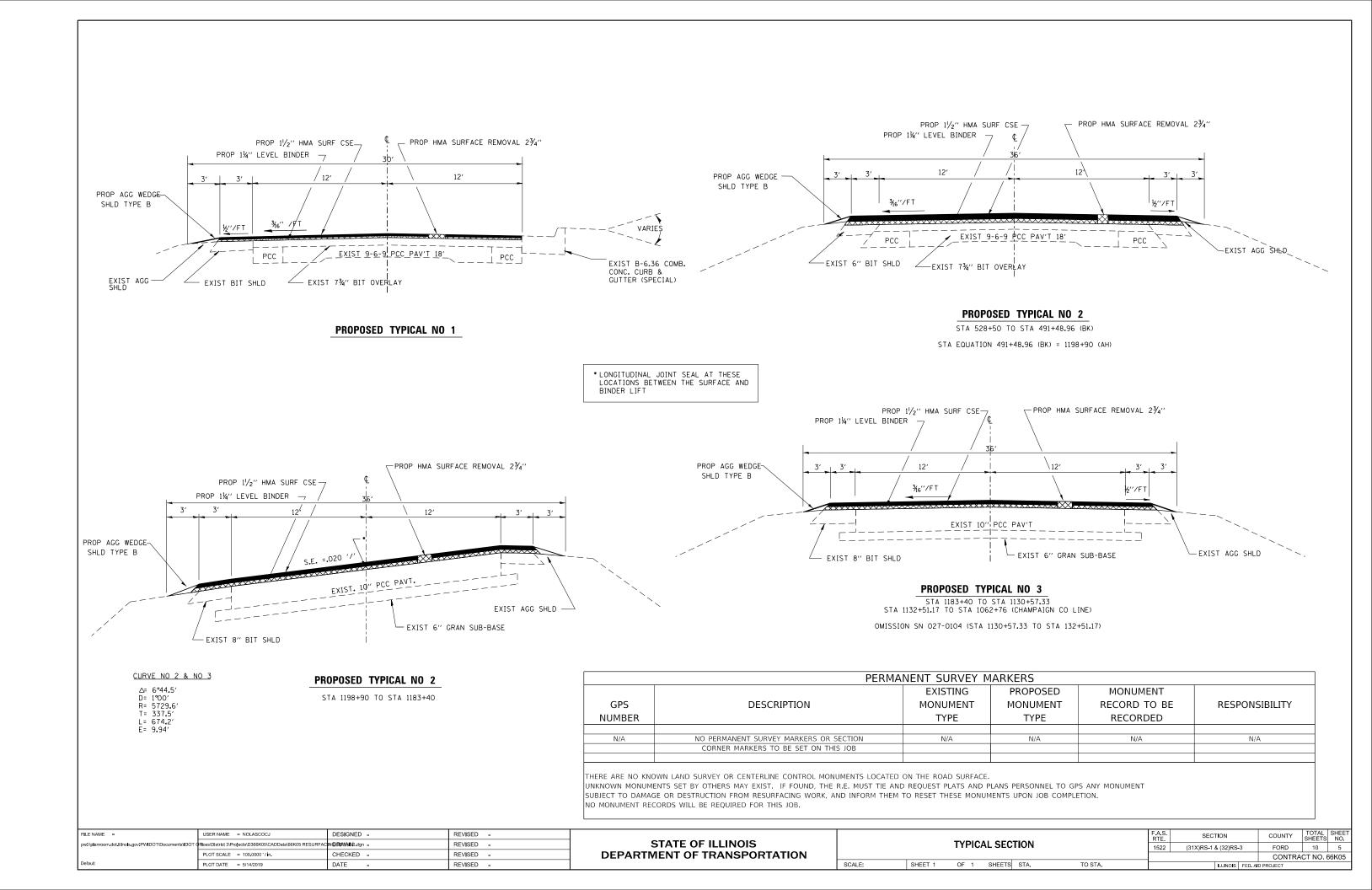
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0111	4844 D	05.011	4 N.ITITIE	•	F.A.S. RTE.	SEC ⁻	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES						1522 (31X)RS-1 & (32)RS-3			FORD	10	3
									CONTRA	CT NO.	36K05
SHEET 1	OF 2	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

CONSTR. CODE

				CONSTR. COL
			80% FED	FUND TYPE
			20% STATE	STP-RUR
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	RURAL
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9582	9582
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3194	3194
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	34862	34862
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4498	4498
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	70500	70500
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	9094	9094
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	227	227
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	227	227
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	13870	13870
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
Z0076600	TRAINEES	HOUR	2,000	2,000
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	17989	17989
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2,000	2,000
Z0034105	MATERIAL TRANSFER DEVICE	TON	9193	9193

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	EVAN MARINI	REVISED -								F.A.S. RTE	SECTION	COUNTY	TOTAL SHEE
pw:\\planroom.dot.illInois.gov:PWIDOT\Documents\IDOT	Offices\District 3\Projects\D366K05\CADData\66K05 RESURFAC	NO BOOM -	EVAN MARINI	REVISED -	STATE OF ILLINOIS		SU	JMMAF	RY OF Q	UANTITIES		1522	(31X)RS-1 & (32)RS-3	FORD	10 4
	PLOT SCALE = 100.0000'/in.	CHECKED -	RON WOODSHANK	REVISED -	DEPARTMENT OF TRANSPORTATION								, , , ,	CONTRA	ACT NO. 66K05
Default	PLOT DATE = 5/10/2019	DATE -	1/22/2019	REVISED -		SCALE:	SHEET 2	OF 2	2 SHEET	S STA.	TO STA.		ILLINOIS FED. A		



							MAINLINE	SCHEDULE					
						НМА	LONG	LEVEL	HMA	BITUMINOUS	MIXTURE	LEVEL	AGG
	LOCATION	LENGTH	WIDTH	RESURF	TEMP	SURF	JOINT	BINDER	SURFACE	MATERIAL	CRACKS	BINDER	WEDGE
				AREA	RAMP	REM	SEAL	(MM)	COURSE,	(TACK	JTS &	(HM)	SHLD
						2 3/4"		IL-9.5FG, N50	MIX C, N50	COAT)	FLANGEWYS	IL-9.5FG, N50	TYPE B
	STATION	FOOT	FOOT	SQ FT	SQ YD	SQ YD	FOOT	TON	TON	POUND	TON	TON	TON
STA 537+18	TO STA 529+13	805	27	21735	28	2415	805	169	203	1630	1	1.2	15
STA 529+13	TO STA 491+49 BK	3764	30	112920		12547	3764	878	1054	8469	4	6.3	140
STA 1198+90	AH TO STA 1174+48	2442	30	73260		8140	2442	570	684	5495	2	4.1	88
STA 1174+48	TO STA 1132+51	4197	30	125910		13990	4197	979	1175	9443	4	7	159
STA 1132+51	TO STA 1130+57	194						BRIDGE	OMISSION SN 027-0104				
STA 1130+57	TO STA 1118+82	1175	30	35250		3917	1175	274	329	2644	1	2	44
STA 1118+82	TO STA 1062+76	5606	30	168180	31	18687	5606	1308	1570	12614	6	9.3	210
QUANTITIES FOR	MATERIAL TRANSFER DEVICE							4178	5015				
	TOTAL			537255	59	59696	17989	4178	5015	40295	18	30	656

			ENT	RANCES &	SIDEROADS	SCHEDULE			
						HMA	BITUMINOUS	INCIDENTAL	AGG
					TEMP	SURFACE	MATERIALS	HMA	WEDGE
LOCATION	SIDE	TYPE	MATERIAL	AREA	RAMP	REMOVAL	(TACK	SURFACING	SHLD
						1 1/2"	COAT)		TYPE B
				SQ YD	SQ YD	SQ YD	POUND	TON	TON
STA 528+37	LT	SIDE RD	HMA	212	28	212	143	18	
STA 525+48	LT	FE	AGG	101					0.8
STA 1174+33	LT	SIDE RD	HMA	227	22	227	153	19	
STA 1174+33	RT	SIDE RD	HMA	193	24	193	130	16	
STA 1118+51	RT	SIDE RD	HMA	197	20	197	133	17	
STA 1118+51	LT	SIDE RD	AGG	172					1.6
STA 1104+56	LT	FE	AGG	28					0.6
STA 1086+82	LT	PE	AGG	54					1.1
TOTAL					94	829	559	70	4

- NOTES:
 (1) CALCULATION OF AGGREGATE WEDGE ENTRANCE IS BASED ON A WIDTH OF 3 FT
- (2) ALL PCC ENTRACES SHALL BE OMITTED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
MAINLINE SCHEDULE	1522 (31X)RS-1 & (32)RS-3 FORD			10	6		
			CONTRA	CONTRACT NO. 66K05			
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT						

CLASS	D PATCHES SC	HEDULE
	TYPE	TYPE
LOCATION	II	III
	13 INCH	13 INCH
LOG MILE	SQ YD	SQ YD
SOUTHBOUND	34 .2	54.5
1191+79	8	
1186+51	8	
1183+87	8	
1165+39	8	
1164+07	8	
1154+83	 8	
1149+55	8	
1144+27	8	
1138+99	8	
1117+87	8	
1112+59	8	
1102+03	8	
1086+19	8	
1083+55	8	
1075+63	8	
1065+07	8	
1062+76	8	
SUB-TOTAL	136	0
IORTHBOUND		
1189+68	8	
1173+84		20
1168+56	8	
1163+28	8	
1158+00	8	
1147+44	8	
1136+88	8	
1121+04	8	
1110+48	8	
1105+20	8	
1078+80	8	
1070+88	8	
1086+19	8	
1083+55	8	
1075+63	8	
1065+07	8	
1062+76	8	
SUB-TOTAL	128	20
TOTAL	264	20

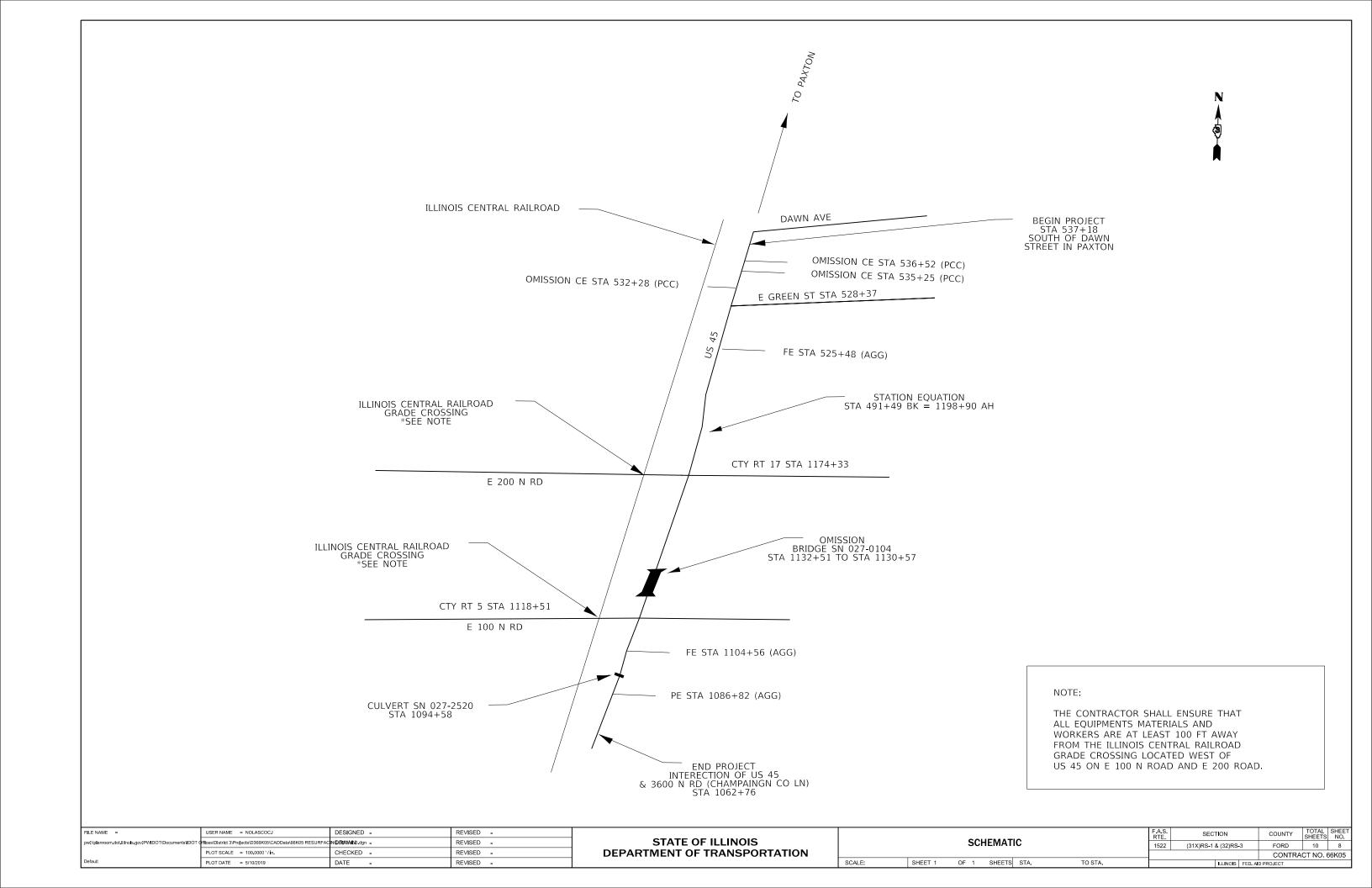
									_	
					PAV	EMENT M	ARKING S	CHEDUI	_E	
							IIA9	ΝT		
							PVMT I	MARK	RAISED	RAISED
		LOCA	TION			LENGTH	2 APPLIC	ATIONS	REFLECTIVE	REFLECTIVE
							LINE 4"	LINE 6"	PAVEMENT MARKER	PAVEMENT MARKER
							WHITE	YELLOW		REMOVAL
	STATION				FOOT	FOOT	FOOT	EACH	EACH	
STA	537+18	Т	O STA	529+13		805	1610	402	10	10
STA	529+13	Т	O STA	491+49	ВК	3764	14946	1882	47	47
STA	1198+90	AH T	O STA	1174+48		2442	9768	1222	31	31
STA	1174+48	Т	O STA	1132+51		4197	16444	2098	52	52
STA	1132+51	Т	O STA	1130+57		194	776 98		2	2
STA	1130+57	Т	O STA	1118+82		1175	4532 588		15	15
STA	1118+82	Т	O STA	1062+76		5606	22424	2804	70	70
		TOT	4L			18183	70500	9094	227	227

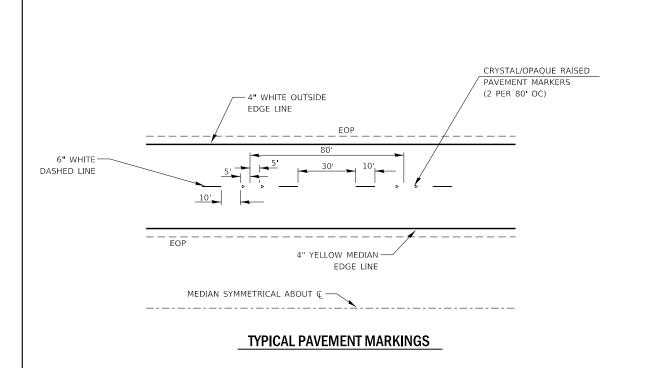
	TEMPORARY PAVEMENT MARKING SCHEDULE										
					TEMPORARY PVMT			SHORT	SHORT TERM	PAVEMENT	
					LENGTH	1 APPL	ICATION	TERM	PAVEMENT	MARKING	
		LOCATION				LINE 4"	LINE 6"	PVMT MARK	MARKING	REMOVAL	
						WHITE	YELLOW	3 APPLICATION	REMOVAL	WATERBLASTING	
		STATION FOOT FOOT FOOT				FOOT	SQ FT	SQ FT			
STA	537+18	TO STA	529+13		805	805	201	339	113	369	
STA	529+13	TO STA	491+49	ВК	3764	7473	941	2025	675	2962	
STA	1198+90	AH TO STA	1174+48		2442	4884	611	1320	440	1934	
STA	1174+48	TO STA	1132+51		4197	8222	1049	2247	749	3265	
STA	1132+51	TO STA	1130+57		194			OMISSION SN 02	7-0104		
STA	1130+57	TO STA	1118+82		1175	2266	294	624	208	902	
STA	1118+82	TO STA	1062+76		5606	11212	1402	3027	1009	4438	
	•	TOTAL	•		18183	34862	4498	9582	3194	13870	

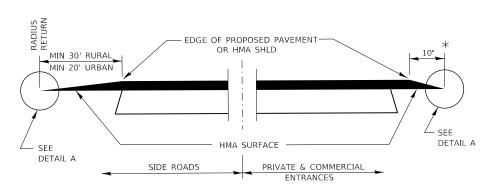
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

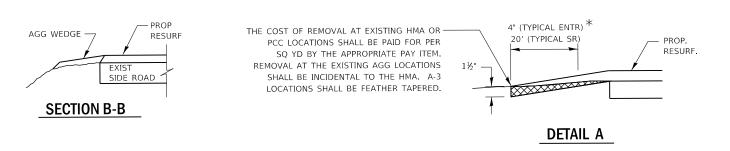
547	0111110 0 5				F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
PAI	PATCHING & PAVEMENT MARKING SCHEDULES							1522 (31X)RS-1 & (32)RS-3 FORD			7		
									CONTRA	CT NO.	66K05		
SCALE:	SHEET 1	OF	1	SHEETS	STA.	TO STA.	Ī	ILLINOIS FED. AID PROJECT					

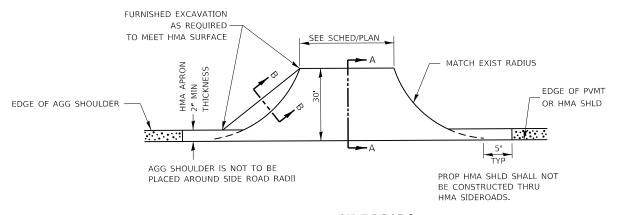






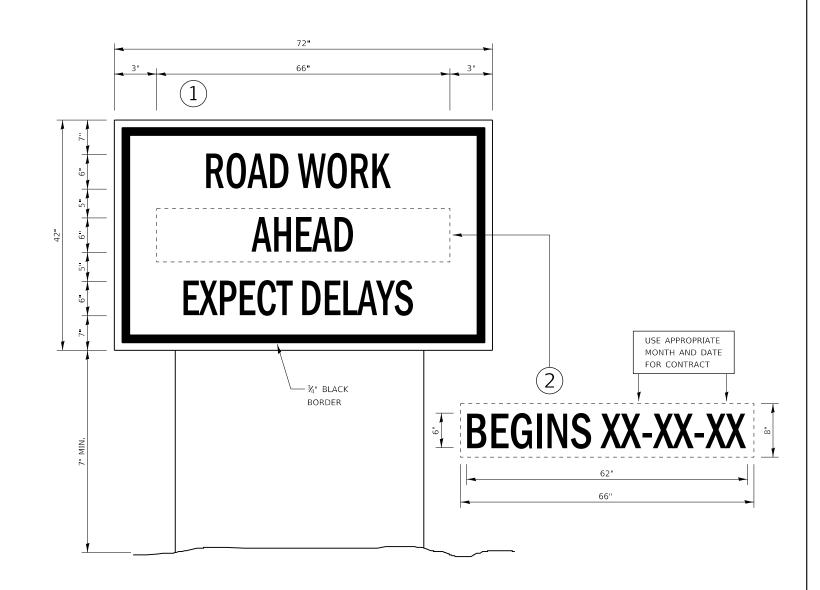
SECTION A-A DETAILS AT ENTRANCES & SIDE ROADS





PLAN AT SIDE ROADS

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	PLOT SCALE = 100.0000'/in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION						(****,*********************************		RACT NO. 6	6K05	
Default	PLOT DATE = 5/10/2019	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	PROJECT		



TEMPORARY INFORMATION SIGNING

NOTES:

- 1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN () WITH INSTALLED PANEL () A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL ON THAT DATE.
- 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

	FILE NAME = USER NAME = NOLASCOCJ pwt\planroom.dol.llinols.gov:PWIDOTIDocuments\DOT Offices\District 3iProjects\D366K05iCADData\66K05 RESURFAC PLOT SCALE = 100.00001/in.		DESIGNED -	REVISED -				F.A.	.S.	SECTION	COUNTY	TOTAL SHE	ĒΠ
			NO BANANNS.dgn ₌	REVISED -	STATE OF ILLINOIS	7	FEMPORARY INFORMATION SIGN DETAIL	152	22	(31X)RS-1 & (32)RS-3	FORD	10 10	\exists
			CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					(4.7.1,1.10) 4. (4.2,1.10)	CONTRA	ACT NO. 66K0)5
	Default	PLOT DATE = 5/10/2019	DATE -	REVISED -			SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AIC	PROJECT		\exists