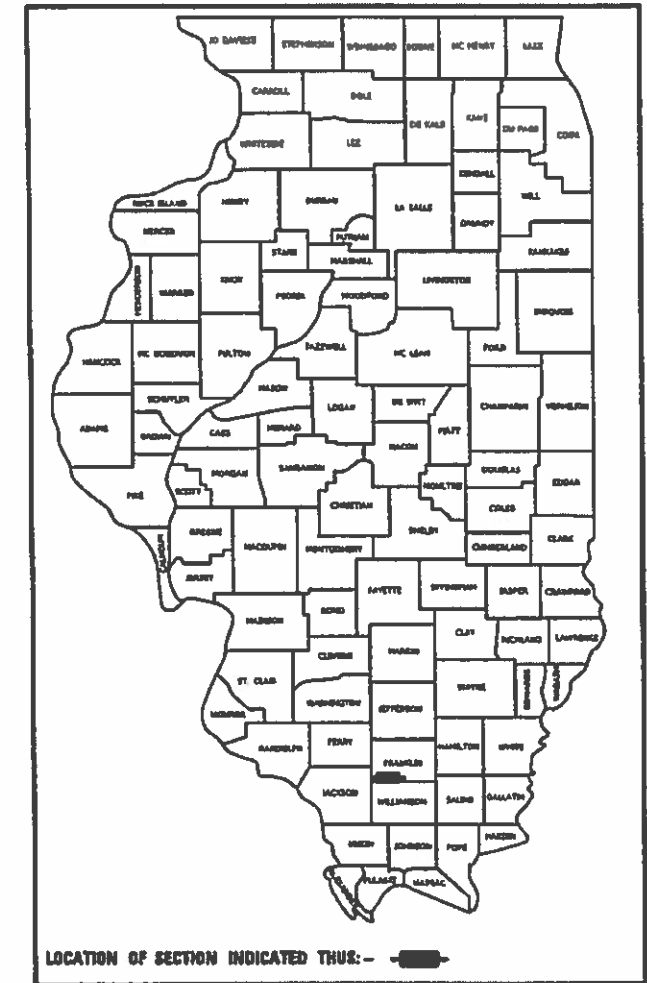


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	1
	ILLINOIS	CONTRACT NO. 78706		

D-99-016-19



**PROPOSED
HIGHWAY PLANS**

FAP 873 (IL 149)
SECTION (105,106)RS-9
PROJECT: NHPP-T1GQ(602)
3P RESURFACING
FRANKLIN COUNTY

C-99-024-19

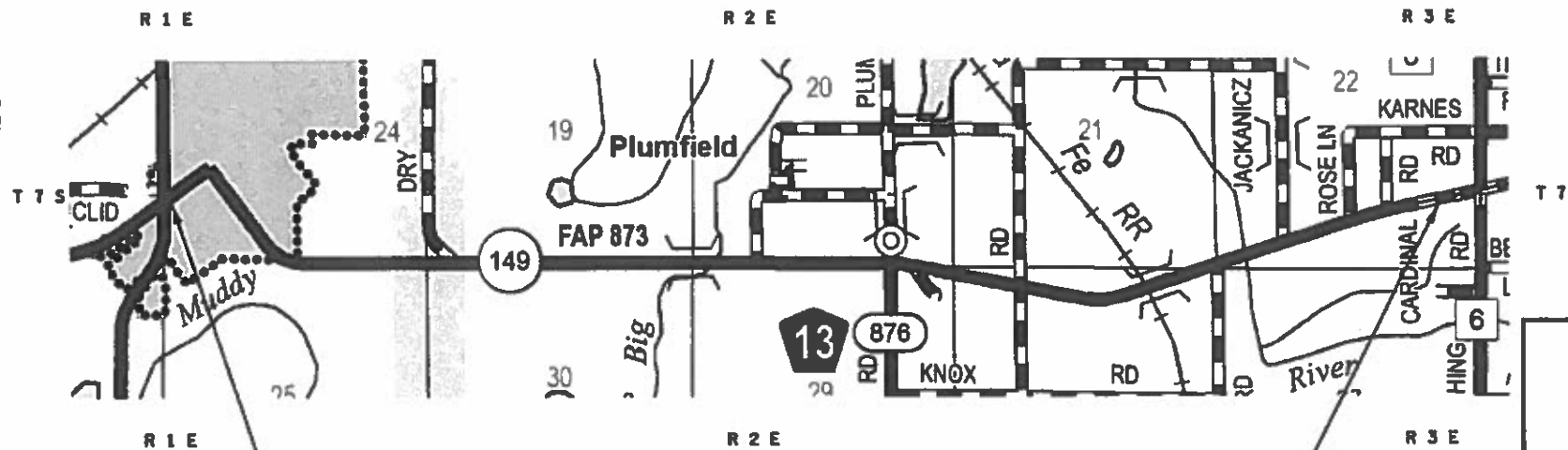
FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 5-7

TRAFFIC DATA

TRAFFIC DATA TABLE, SHEET NO. 3

**TOWNSHIPS
FRANKFORT
DENNING
SIX MILE**



DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : N/A

POSTED SPEED : 55 MPH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-882-0123
OR 811

PROJECT ENGINEER: VALERIE ROLLA (618)-351-5214
PROJECT DESIGNER: MICHAELA DOLLINS (618)-351-5215

GROSS LENGTH = 28339.29 FT. = 5.37 MILES
NET LENGTH = 28339.29 FT. = 5.37 MILES

CONTRACT NO. 78706

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03-20-2019
[Signature]
REGION FIVE ENGINEER

May 10 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, TRAFFIC DATA, STATION EQUATIONS, AND MIXTURE REQUIREMENTS
4	GENERAL NOTES
5-7	SUMMARY OF QUANTITIES
8-9	TYPICAL SECTIONS
10	RESURFACING SCHEDULE
11	PAVEMENT MARKING SCHEDULE
12	INLAY DETAILS
13	PLAN AT LINDEN STREET
14	PROFILE AT LINDEN STREET
15	REMOVAL AT LINDEN STREET
16	TIE BARS FOR PROPOSED SIDEWALK AND EXISTING INLET DETAILS
17	SIGN STANDARDS

HIGHWAY STANDARDS

- 000001-07: STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006: DECIMAL OF AN INCH AND OF A FOOT
- 424006-04: DIAGONAL CURB RAMPS FOR SIDEWALKS
- 606001-07: CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701301-04: LANE CLOSURE, 2L, 2W, SHORT TME OPERATIONS
- 701306-04: LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03: LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701501-06: URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06: SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08: TRAFFIC CONTROL DEVICES
- 720001-01: SIGN PANEL MOUNTING DETAILS
- 720006-04: SIGN PANEL ERECTION DETAILS
- 720011-01: METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 780001-05: TYPICAL PAVEMENT MARKINGS
- 781001-04: TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATION EQUATIONS

- 601+50.40 (BK) = 481+85.20 (AH) (STATIONING REVERSES DIRECTION)
- 519+50.10 (BK) = 519+47.52 (AH)
- 626+21.00 (BK) = 626+27.19 (AH)

MIX DESIGNS

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70
AB/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5MM
(GRADATION MIXTURE)	
FRICTION AGGREGATE:	D SURFACE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT	QCP
PROGRAM:	
SUBLOT SIZE:	TBD

LOCATIONS	HOT-MIX ASPHALT LEVELING BINDER
MIXTURE USE(S):	HOT-MIX ASPHALT LEVELING BINDER, N70 FINE GRADED
AB/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5MM FINE GRADED
(GRADATION MIXTURE)	
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT	QCP
PROGRAM:	
SUBLOT SIZE:	TBD

TRAFFIC DATA

MP	6.36-6.57	6.57-9.37	9.37-11.73
2017			
P.V.=	2000	2710	4065
S.U.=	80	350	225
M.U.=	20	90	110
ADT=	2100	3150	4400
2039			
P.V.=	2485	3375	5065
S.U.=	100	435	280
M.U.=	25	110	135
ADT=	2610	3920	5480

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE (FAP 873 IL 149)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 028-0037 (STA. 609+45.10 TO STA. 604+94.90)	N/A	N/A	EMPTY MTD
SN 028-0038 (STA. 567+30 TO STA. 569+13)	N/A	N/A	EMPTY MTD
SN 028-7068 (STA. 588+96 TO STA. 589+08)	0	1	NO MTD ALLOWED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS, TRAFFIC DATA,
STATION EQUATIONS, AND MIXTURE REQUIREMENTS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	3
CONTRACT NO. 78706				
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

GENERAL NOTES

TWO APPLICATIONS OF TEMPORARY EROSION CONTROL SEEDING HAVE BEEN INCLUDED. THE ACTUAL QUANTITY, LOCATIONS, AND APPLICATIONS SHALL BE DIRECTED BY THE ENGINEER. THE APPLICATION RATE SHALL BE AS PER ARTICLE 280.04 (f).

FORMS SHALL BE MADE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

HMA SURFACE IN THE EXISTING GUTTER FLAGS SHALL BE REMOVED AND INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.

THE RADIUS MEASUREMENTS FOUND ON THE PLAN SHEETS ARE TAKEN FROM THE FLOW LINE OF THE PROPOSED GUTTER.

THE PAVEMENT MARKINGS LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

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

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

COMMITMENTS: NONE

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USER NAME = DOLLINSML	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -			873	(105,106)RS-9	FRANKLIN	17	4	
PLOT DATE = 3/14/2019	CHECKED -	REVISED -			CONTRACT NO. 78706					
	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
					ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

COUNTY:	FRANKLIN COUNTY
ROUTE:	IL 149
FUNDING:	80% STATE 20% FEDERAL
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005
25000200	SEEDING, CLASS 2	ACRE	0.01	0.01
25000350	SEEDING, CLASS 7	ACRE	0.01	0.01
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1	1
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1	1
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1	1
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.02	0.02
25100115	MULCH, METHOD 2	ACRE	0.01	0.01
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1	1
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	3,306	3,306
40600990	TEMPORARY RAMP	SQ YD	268	268
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6,558	6,558
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	52,627	52,627
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	217	217
42400800	DETECTABLE WARNINGS	SQ FT	20	20

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PLOT DATE = 3/22/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	5
CONTRACT NO. 78706			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN COUNTY
ROUTE:	IL 149
FUNDING:	80% STATE 20% FEDERAL
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	77,531	77,531
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	15	15
44000600	SIDEWALK REMOVAL	SQ FT	206	206
44213204	TIE BARS 3/4"	EACH	4	4
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	128	128
60600605	CONCRETE CURB, TYPE B	FOOT	62	62
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	15	15
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,210	3,210
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	357	357
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	72,583	72,583

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	6
CONTRACT NO. 78706				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN COUNTY
ROUTE:	IL 149
FUNDING:	80% STATE 20% FEDERAL
LOCATION:	RURAL

	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	21	21
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	72,583	72,583
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	364	364
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,645	1,645
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	185	185
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45	45
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	392	392
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	392	392
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	82	82
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	434	434
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	8,110	8,110
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	28,168	28,168
	Z0034105	MATERIAL TRANSFER DEVICE	TON	9,864	9,864

* SPECIALTY ITEM

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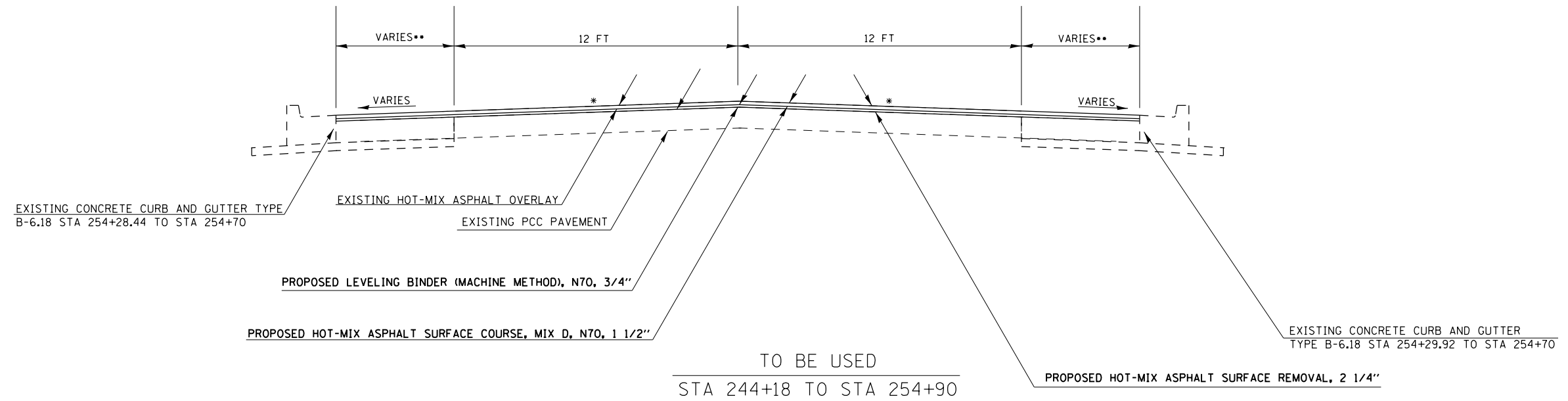
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	7
CONTRACT NO. 78706				
ILLINOIS FED. AID PROJECT				

CL IL 149 (MAIN STREET)
LOOKING NORTHEAST



* MATCH EXISTING GRADE

**VARIES 2 FEET TO 13 FEET
STATION 244+18 TO 255+50

TYPICAL SECTIONS ARE NOT TO SCALE

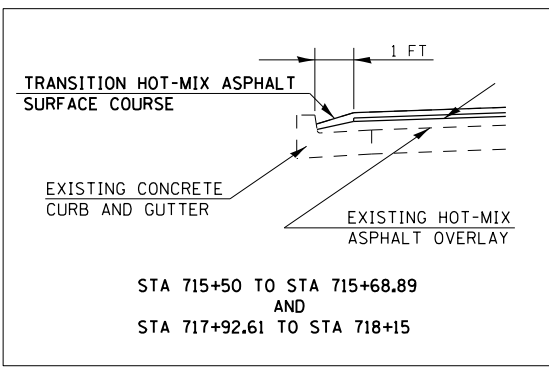
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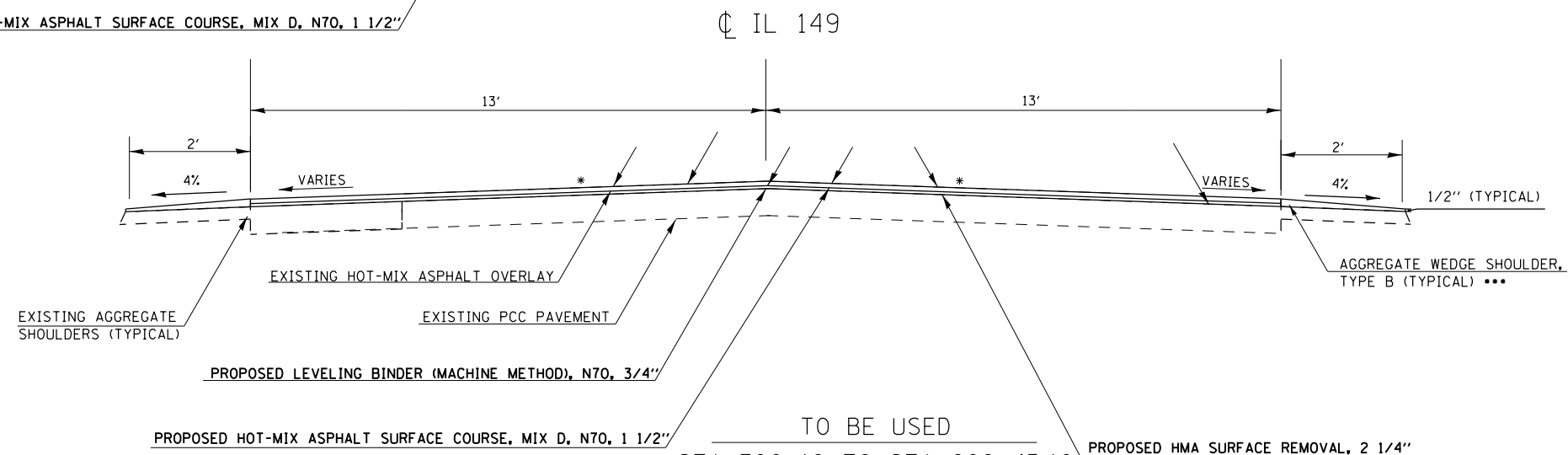
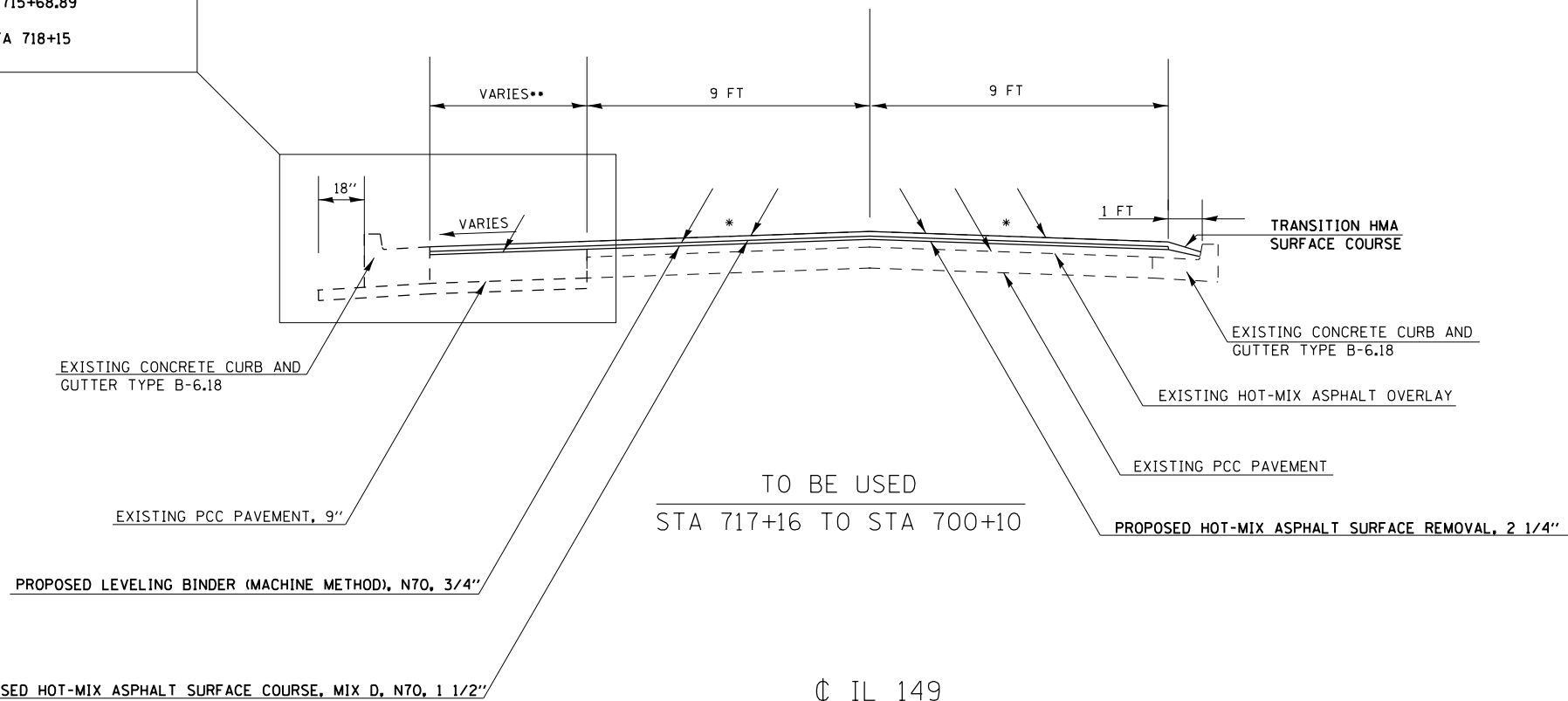
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	8
CONTRACT NO. 78706			ILLINOIS FED. AID PROJECT	



CL IL 149 (LINDEN STREET)
LOOKING NORTHWEST



- * MATCH EXISTING GRADE
- ** VARIES 2 FEET TO 40 FEET
STATION 715+70 TO STATION 717+16
- *** AGGREGATE WEDGE SHOULDERS, TYPE B TO BE
PLACED AT LOCATIONS DETERMINED THE ENGINEER

TYPICAL SECTIONS ARE NOT TO SCALE

- TO BE USED
- STA 700+10 TO STA 609+45.10
 - STA 604+94.90 TO STA 601+50.40
 - STA 481+85.20 TO STA 519+50.10
 - STA 519+47.52 TO STA 567+30.00
 - STA 569+13.00 TO STA 588+96.00
 - STA 589+08.00 TO STA 626+21.00
 - STA 626+27.19 TO STA 633+00.00

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING SCHEDULE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	9
CONTRACT NO. 78706				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION			LENGTH	ROADWAY WIDTH	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA LEVELING BINDER, 3/4"	BITUMINOUS MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	HMA SURFACE COURSE, MIX D, N70, 1 1/2"	LONGITUDINAL JOINT SEALANT	TEMPORARY RAMP
STATION	TO	STATION										
STATION TO STATION			FOOT	FOOT	SQ YD	SQ YD	TON	POUND	TON	TON	FOOT	SQ YD
MAIN STREET												
244+18.00	TO	254+00.00	982	26	2837		120	1915	359	239	982	37
254+00.00	TO	254+90.00	90	37	370		16	250	48	32	90	
LINDEN STREET												
717+16.00	TO	715+70.00	146	40	649		28	438	83	55	146	
715+70.00	TO	700+10.00	1560	18	3120		132	2106	395	263	1560	
700+10.00	TO	632+30.00	6780	26	19587		823	13221	2469	1646	6780	
632+30.00	TO	630+80.00	150	26		434	43	293	80	37	150	
630+80.00	TO	609+45.10	2135	26	6168		260	4164	779	519	2135	37
609+45.10 TO 604+94.90 OMITTED FOR SN 028-0037 BIG MUDDY BRIDGE												
604+94.90	TO	601+50.40	345	26	996		42	672	126	84	345	37
STATION EQUATION: 601+50.40 = 481+85.20 (STATIONING CHANGES DIRECTION)												
481+85.20	TO	519+50.10	3765	26	10877		457	7342	1371	914	3765	
508+82.50	TO	519+47.20	1065	6	710		30	480	90	60	1065	9
* STATION EQUATION 519+50.10 = 519+47.52												
519+47.52	TO	567+30.00	4782	26	13817		581	9326	1742	1161	4782	37
567+30.00 TO 569+13.00 OMITTED FOR SN 028-0038 OVER THE RAILROAD												
569+13.00	TO	588+96.00	1983	26	5729		241	3867	723	482	1983	37
588+96.00 TO 589+08.00 OMITTED FOR SN 028-7068 CULVERT SLAB												
589+08.00	TO	626+21.00	3713	26	10727		451	7241	1353	902	3713	37
STATION EQUATION 626+21.00 = 626+27.19												
626+27.19	TO	633+00.00	673	26	1944		82	1312	246	164	673	37
TOTAL:					77531	434	3306	52627	9864	6558	28168	268

* HMA FOR TURN LANE ONTO FREEMAN SPUR ROAD STARTS AT STATON 508+82.50 TO STATION 519+47.20

IL 149 IN ZIEGLER SHALL BE REPROFILED FROM THE SAG CURVE TO THE IL 149/MAPLE STREET INTERSECTION TO IMPROVE DRAINAGE TO THE INLETS

HOT MIX ASPHALT LONGITUDUNAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT ONLY.

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PLOT DATE = 3/22/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	10
CONTRACT NO. 78706				
		ILLINOIS	FED. AID PROJECT	

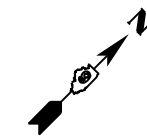
PAVEMENT MARKING SCHEDULE

LOCATION			LENGTH	THERMOPLASTIC						LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL (GRINDING)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	
				LINE - 4"			LINE - 6"	LINE - 8"	LINE - 12"					LINE - 24"
STATION TO STATION			FOOT	YELLOW SKIP FOOT	YELLOW SOLID FOOT	WHITE SOLID FOOT	WHITE CROSSWALK FOOT	YELLOW SOLID FOOT	YELLOW SOLID FOOT	WHITE STOP BAR FOOT	SQ YD	SQ FT	EACH	EACH
MAIN STREET														
244+18.00	TO	244+18.00								19				
244+18.00	TO	254+90.00	1072	268		2144							14	14
254+21.00	TO	254+21.00	18							16				
254+25.00	TO	254+25.00						39						
254+31.00	TO	254+31.00						41						
254+94.00	TO	254+94.00						46						
254+98.00	TO	254+98.00									25			
255+02.00	TO	255+02.00					39							
255+04.00	TO	255+04.00									20			
LINDEN STREET														
717+69.20	TO	717+69.20					35					16		
717+63.20	TO	717+63.20					45					21		
717+18.20	TO	717+18.20					64							
717+10.20	TO	717+10.20					55							
717+05.00	TO	717+05.00								10				
718+15.00	TO	700+10.00	1805	452	600	3610							23	23
700+10.00	TO	684+10.00	1600		3200	3200							20	20
684+10.00	TO	609+45.10	7465	1867	880	14930							94	94
604+94.90	TO	601+50.40	345	87	2350	689							5	5
STATION EQUATION: 601+50.40 = 481+85.20														
481+85.20	TO	519+50.10	3765	667	590	7530							34	34
508+50.00	TO	509+87.00	137					274					7	7
509+87.00	TO	513+56.00	369					738	185				19	19
513+93.00	TO	514+77.00	84					168			21		7	7
513+76 RT (CL FREEMAN SPUR ROAD)														
514+77.00	TO	514+95.00	18					18					5	5
514+95.00	TO	519+42.00	447					447					23	23
STATION EQUATION 519+50.10 = 519+47.52														
519+47.52	TO	567+30.00	4782	1196	515	9565							60	60
569+13.00	TO	626+21.00	5708	1427	3240	11416							72	72
STATION EQUATION 626+21.00 = 626+27.19														
626+27.19	TO	633+00.00	673	169	645	1346							9	9
TOTAL:				6133	12020	54430	364	1645	185	45	21	82	392	392
				72583										

PAVEMENT MARKINGS FOR TURN LANE ONTO FREEMAN SPUR ROAD
START AT STATION 508+50 AND END AT STATION 519+50.10

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USER NAME = DOLLINSML	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	873	(105,106)RS-9	FRANKLIN	17	11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78706							
PLOT DATE = 3/22/2019	DATE -	REVISED -						ILLINOIS FED. AID PROJECT							



255+00

PROPOSED THERMOPLASTIC
PAVEMENT MARKING, 6"

PROPOSED DETECTABLE WARNING: 20 SQ FT

PROPOSED COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.18: 15

TIE BARS 3/4"
SEE DETAIL

CONCRTE CURB, TYPE B: 16.9' (TYP.)

PROPOSED PCC SIDEWALK, 5": 217 SQ FT

CONCRETE CURB, TYPE B:
13.8' (TYP.)

MODEL: E - Scale - Sheets
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PLOT DATE = 3/15/2019	DATE -	REVISED -

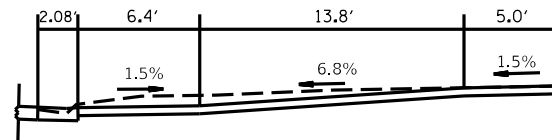
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AT LINDEN STREET

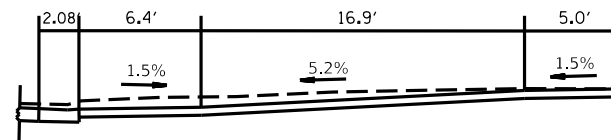
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105.106)RS-9	FRANKLIN	17	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78706	

IL 149 & MIN ST. S.E. QUADRANT (SW RUNNING N&S)
 (PROFILE ALONG BACK EDGE OF SIDEWALK)



IL 149 & MAIN ST S.E. QUADRANT (SW RUNNING E&W)
 (PROFILE ALONG BACK EDGE OF SIDEWALK)



CURB RAMPS SCHEDULE

LOCATION	COMBINATION CURB AND GUTTER REMOVAL	DETECTABLE WARNING	CONCRETE CURB TYPE B	COMBINATION CURB & GUTTER TYPE B-6.18	SIDEWALK REMOVAL	TIE BARS 3/4"	CONCRETE SIDEWALK 5"	CLASS 2 SEEDING	NITROGEN FERTILIZER	PHOSPHORUS FERTILIZER	POTASIMUM FERTILIZER	AG GROUND LIMESTONE	MULCH METHOD 2	CLASS 7 SEEDING	TEMP EROSION CONTROL SEEDING
	FOOT	SQ FT	FOOT	FOOT	SQ FT	EACH	SQ FT	ACRE	POUND	POUND	POUND	TON	ACRE	ACRE	POUND
SE QUADRANT	15	20	62	15	206	4	217	0.25	23	23	23	0.5	0.25	0.25	25

MODEL 5 - Scale - Sheets
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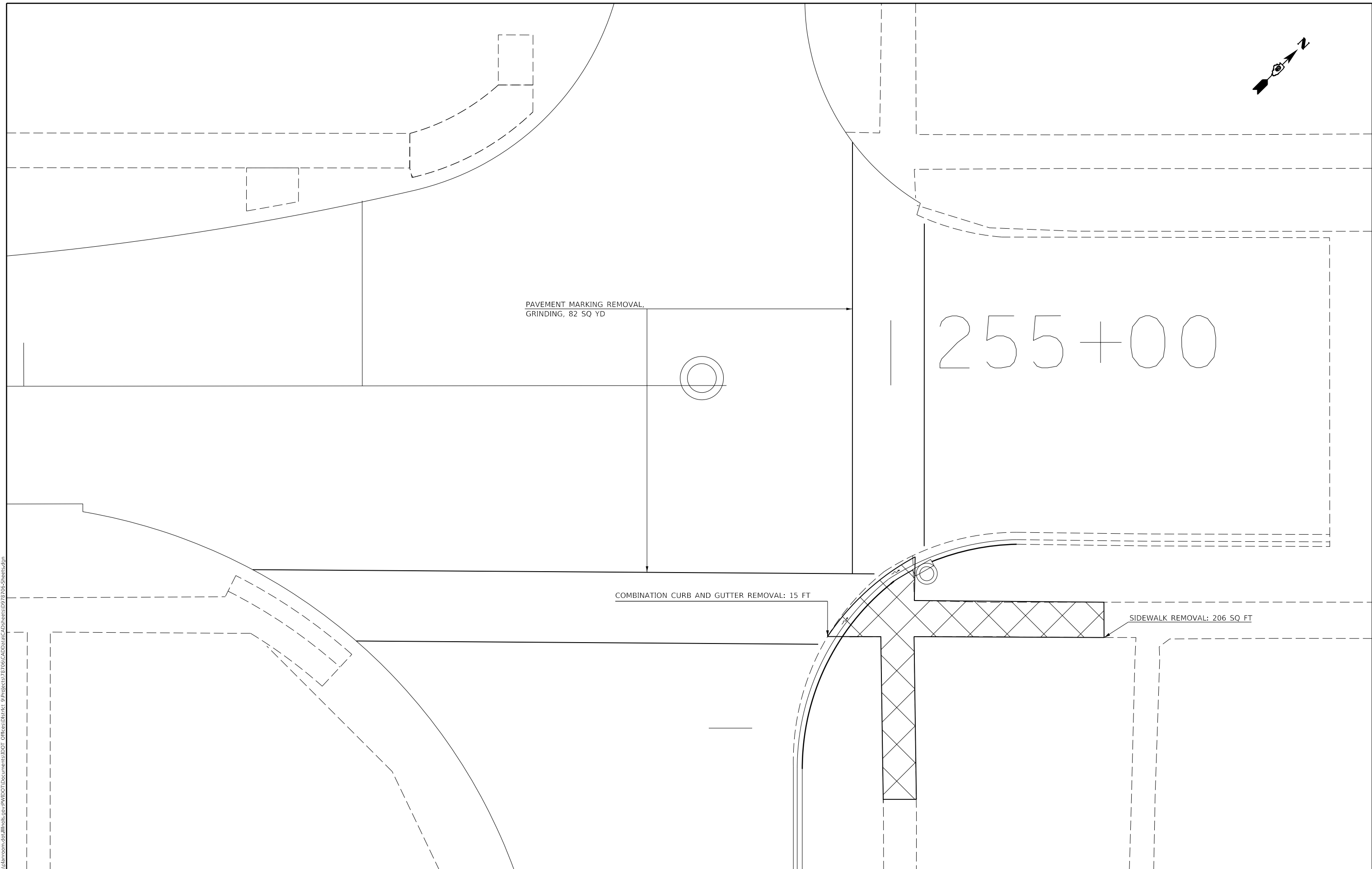
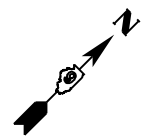
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PLOT DATE = 5/2/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROFILE AT LINDEN STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105.106)RS-9	FRANKLIN	17	14
CONTRACT NO. 78706			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING REMOVAL,
GRINDING, 82 SQ YD

255+00

COMBINATION CURB AND GUTTER REMOVAL: 15 FT

SIDEWALK REMOVAL: 206 SQ FT

MODEL: E - Scale - Sheets
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	DRAWN -	REVISED -
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PLOT DATE = 3/15/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

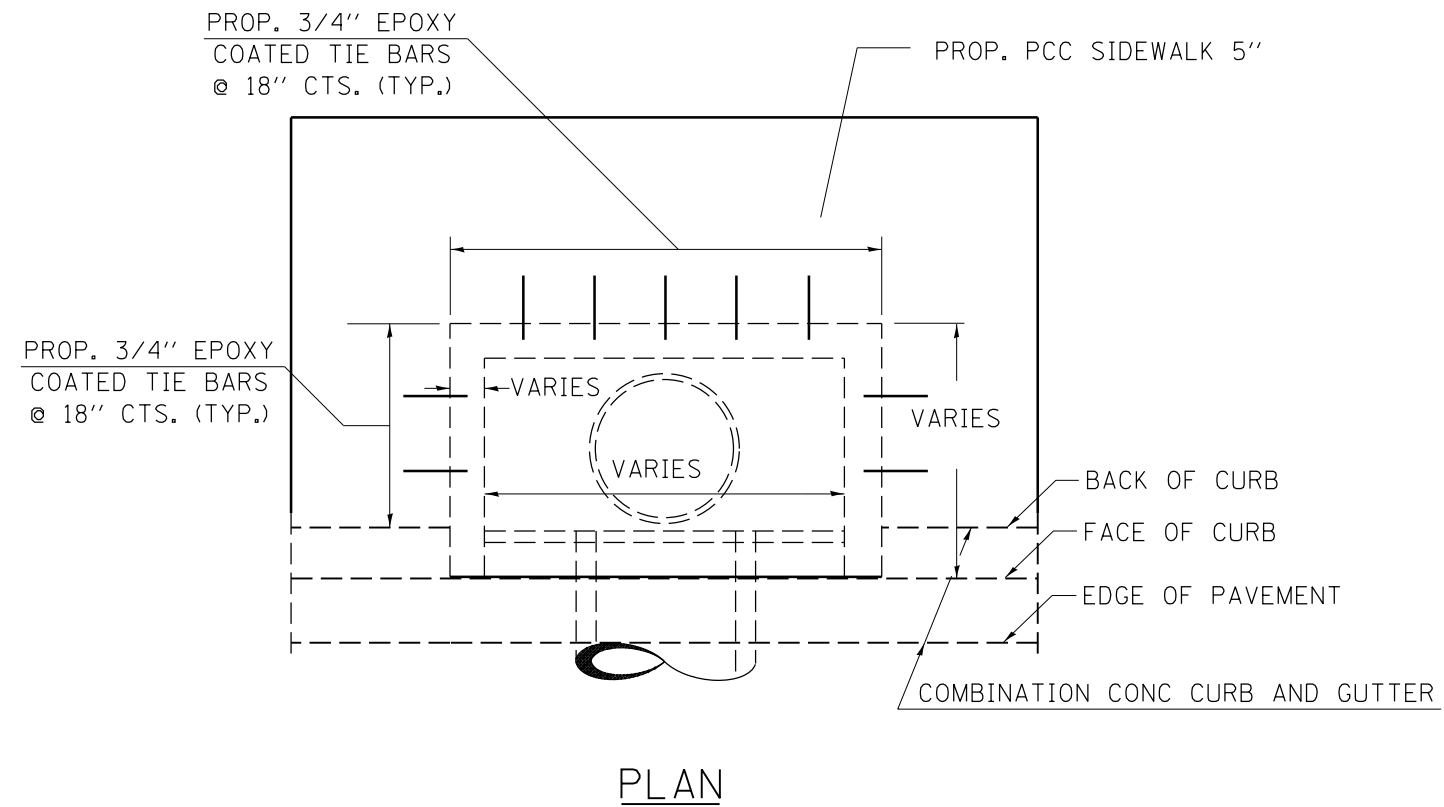
REMOVAL AT LINDEN STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105.106)RS-9	FRANKLIN	17	15
CONTRACT NO. 78706				
ILLINOIS FED. AID PROJECT				

TIE BARS FOR PROPOSED SIDEWALK AND EXISTING INLETS DETAIL

(NOT TO SCALE)



NOTE:

TIE NEW SIDEWALK TO INLETS WITH 3/4" EPOXY COATED TIE BARS AT 18" CENTERS. THE TIE BARS SHALL BE GROUTED IN PLACE

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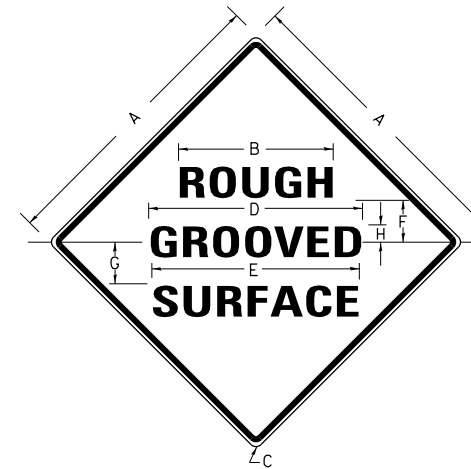
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TIE BARS FOR PROPOSED SIDEWALK
AND EXISTING INLET DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	16
CONTRACT NO. 78706				
ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

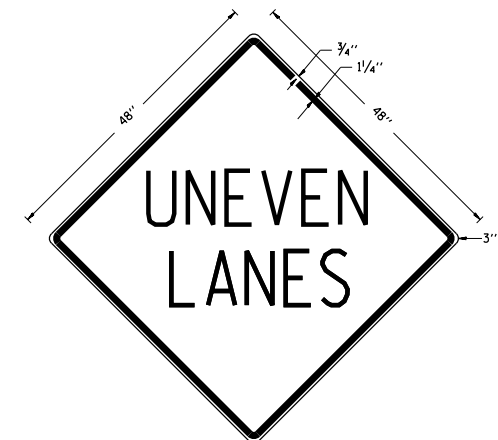
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

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USER NAME = DOLLINSML	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(105,106)RS-9	FRANKLIN	17	17
				CONTRACT NO. 78706
		ILLINOIS	FED. AID PROJECT	