# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## RUNOIS CONTRACT NO. 66K22

(126, 127) SFY, Y

D-93-088-19

KENDALL 7 1

#### INDEX OF SHEETS

- 1 COVER SHEET
- GENERAL NOTES
  SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES
- 6.7 DETAILS

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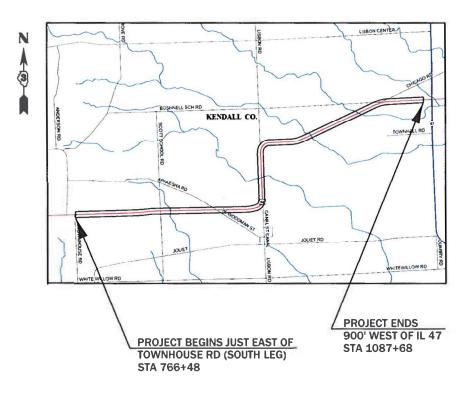
#### **HIGHWAY STANDARDS**

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
642006	SHOULDER RUMBLE STRIPS, 8 INCH
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM
	PAVEMENT EDGE
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

## PROPOSED HIGHWAY PLANS

FAP ROUTE 607 (US 52)
SECTION (126, 127) SFY, Y
PROJECT: HSIP-MPG3 (512)
SHOULDER WIDENING AND RUMBLE STRIPES
KENDALL COUNTY

C-93-108-19



GROSS LENGTH = 32,120 FT. = 6.08 MILES

NET LENGTH = 31,240 FT. = 5.92 MILES

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

LOCATION OF SECTION INDICATED THUS: - -

SUBMITTED March 26, 20 20

US 52 - MINOR ARTERIAL 2017 ADT = 1500 P.V. = 89.3% S.U. = 4.7% M.U. = 6.0%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: MARC BUDZYNSKI, P.E.

DISTRICT 3 NO. (815) 434–6131 CONTRACT NO. 66K22

1-800-892-0123

**FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD** 

CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS

**ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT** 

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

COMMITMENTS:

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 ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN 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.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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:

HMA RESURFACING	112	LBS / SO YD / IN
I TIMA RESURT ACTIVO	1 112	603 / 30 10 / 110

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

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

HMA MIXTURE F	REQUIREMENT TAI	BLE
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	SHOULDER BOTTOM LIFT(S)	SHOULDER TOP LIFT (2")
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-19.0	IL-9.5 FG
FRICTION AGGREGATE:	-	-
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

INSPECTORS:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2020	DATE -	REVISED -

STATE OF	ILLINOIS
<b>DEPARTMENT OF T</b>	RANSPORTATION

	0511				F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	GEN	ERAL NO	IES		607	(126, 127) SFY, Y	KENDALL	7	2
							CONTRACT	NO. 60	6K22
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED	AID PROJECT		

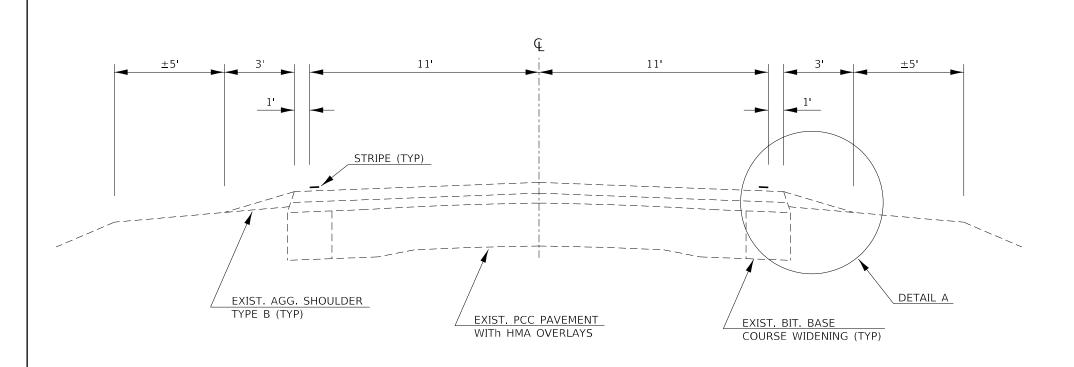
DATE:

CONSTR.	CODE
90% FE 10% STA	

				SAFETY
CODE			TOTAL	0021
NO.	ITEM	UNIT	QUANTITY	RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12378	12378
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14.8	14.8
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	125.3	125.3
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	27501	27501
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	61875	61875
67100100	MOBILIZATION	L SUM	1.0	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	126730	126730
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	27501	27501
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

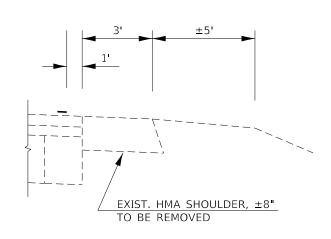
<sup>\*=</sup> SPECIALTY ITEM

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	DRAWN -	REVISED -	STATE OF ILLINOIS			JMMARY				607	(126, 127) SFY, Y	KENDALI	7 3	1
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PLOT DATE = 3/25/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		1



### EXISTING TYPICAL SECTION

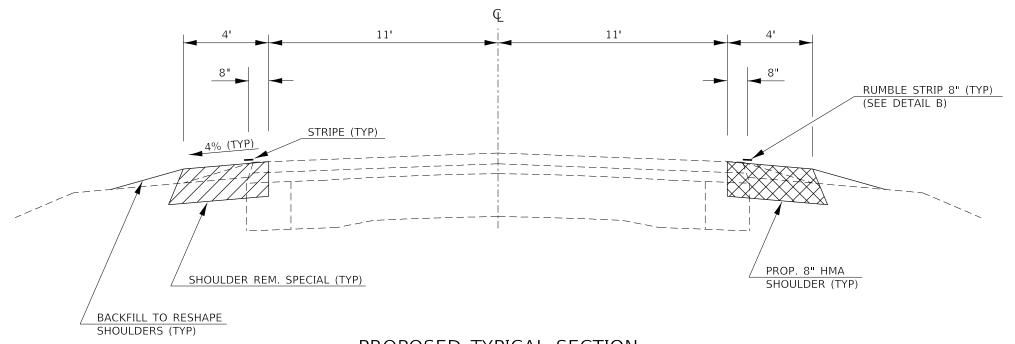
STA 766+48 TO STA 1087+68 (SEE SCHEDULE FOR OMISSIONS)

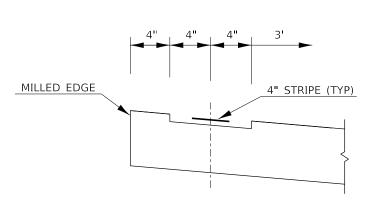


## DETAIL A

STA 904+80 TO STA 916+00 LT STA 904+80 TO STA 913+45 RT

STA 950+90 TO STA 965+90 LT STA 952+45 TO STA 964+35 RT





DETAIL B

PROPOSED TYPICAL SECTION

STA 766+48 TO STA 1087+68 (SEE SCHEDULE FOR OMISSIONS)

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	TYPICAL SECTIONS						SECT	TION		COUNTY
							(126, 127	7) SFY, Y	′	KENDALL
										CONTRA
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT

				SHOULDER	REMOVAL & R	EPLACEMENT S	SCHEDULE		
L	OCATIC	N	SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	HMA SHOULDERS 8 "	BIT MTLS TACK COAT	SHOULDER RUMBLE STRIPS 8"	*PAINT PVMT MARKING WHITE 4"
STA	ТО	STA	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT
766+48	ТО	832+45	LT & RT	6597	5864	5864	2639	13194	26388
SCOTT SCHO	OOL RD =	STA 832+80							
833+10	TO	839+42	LT & RT	632	562	562	253	1264	2528
839+42	TO	839+80	LT	38	17	17	4	38	152
STRUCTURE O	MISSION =	= STA 841+07							508
842+34	TO	842+72	RT	38	17	17	4	38	152
842+72	TO	875+33	LT & RT	3261	2899	2899	1305	6522	13044
875+33	ТО	875+80	RT	47	21	21	5	47	188
APAKESHA	A RD = ST	A 876+00							
876+20	TO	877+00	LT	80	36	36	8	80	320
877+00	TO	913+42	LT & RT	3642	3237	3237	1457	7284	14568
CANAL	ST = STA	914+65							
913+42	ТО	915+40	LT	198	88	88	20	198	792
915+42	TO	932+09	LT & RT	1669	1484	1484	668	3338	6676
932+09	TO	932+21	RT	12	5	5	1	12	48
STRUCTURE O	MISSION :	= STA 933+90							642
935+42	TO	935+49	LT	7	3	3	1	7	28
935+49	TO	957+02	LT & RT	2153	1914	1914	861	4306	8612
LISBON	RD = STA	957+42							
957+02	ТО	957+82	RT	80	36	36	8	80	320
957+82	TO	964+26	LT & RT	644	572	572	257	1288	2576
	FION EQUA	TION 4 963+16 AH							
31A 304123	DK = 317	4 903110 AII							
963+16	TO	1036+65	LT & RT	7349	6532	6532	2939	14698	29396
STRUCTURE ON	MISSION =	STA 1038+20							620
1039+75	ТО	1056+05	LT & RT	1630	1449	1449	652	3260	6520
						N			
BUSHNELL S	SCHOOL RD	= 1056+60							
1056+05	ТО	1057+10	RT	105	47	47	11	105	420
1057+10	TO	1087+68	LT & RT	3058	2718	2718	1223	6116	12232
	т	OTAL	1	31240	27501	27501	12316	61875	126730
	ı	UTAL		21240	2/301	2/301	12310	010/3	120/30

MAILBO	X TURNOUT REMOVA	AL & REPLACEMEN	IT SCHEDULE
	HMA SURF	INCIDENTAL	BIT MTLS
STA / SIDE	REMOVAL	HMA SURF	TACK COAT
	2"	2"	
	SQ YD	TON	POUND
826+20 RT	9.0	1.1	5
915+33 LT	13.4	1.6	7
919+50 LT	10.9	1.3	5
936+40 LT	7.2	0.9	4
945+50 LT	12.7	1.5	6
992+44 LT	17.4	2.0	8
997+67 LT	11.5	1.3	6
999+30 LT	12.5	1.4	6
1001+18 LT	12.7	1.5	6
1032+32 LT	2.8	0.4	2
1047+06 LT	15.2	1.8	7
TOTAL	125.3	14.8	62

THE FIRST 4 FEET OF THE MBTO ADJACENT TO THE TRAVELED WAY IS PAID AS SHOULDER REMOVAL (SPECIAL) AND HMA SHOULDERS 8". THE REMAINING AREA OF THE MBTO IS PAID AS HMA SURFACE REMOVAL 2" AND INCIDENTAL HMA SURFACE 2".

\*QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

	SURVEY MONUMENT TABLE								
		EXISTING	PROPOSED	MONUMENT					
GPS	DESCRIPTION	MONUMENT	MONUMENT	RECORD TO BE	RESPONSIBILITY				
NUMBER		TYPE	TYPE	RECORDED					
N/A	NO CENTERLINE CONTROL OR SECTION CORNER	N/A	N/A	N/A	N/A				
	PERMANENT SURVEY MARKERS TO BE SET								

ALL KNOWN PERMANENT SURVEY MARKERS OR LAND SURVEY MONUMENTS ARE LOCATED ON THE ROAD SURFACE AND WILL NOT BE DISTURBED BY SHOULDER WIDENING AND RUMBLE STRIP WORK.

UNKNOWN MONUMENTS MAY EXIST, AND IF FOUND THE R.E. MUST TIE THEM AND REQUEST PLATS AND PLANS PERSONNEL TO ANALYZE AND GPS ANY MONUMENT SUBJECT TO DAMAGE OR

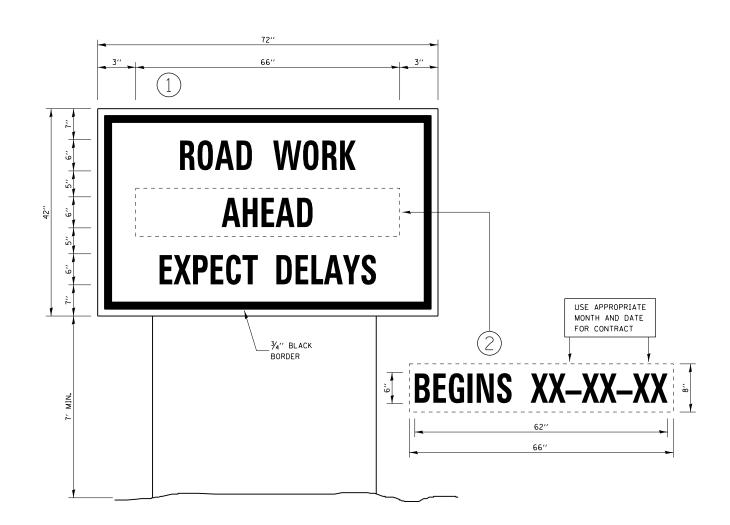
DESTRUCTION FROM THE PROPOSED WORK, AND INFORM THEM TO RESET THOSE MONUMENTS UPON JOB COMPLETION. THE R.E. IS TO INFORM THE PLATS AND PLANS SECTION TO SEARCH FOR

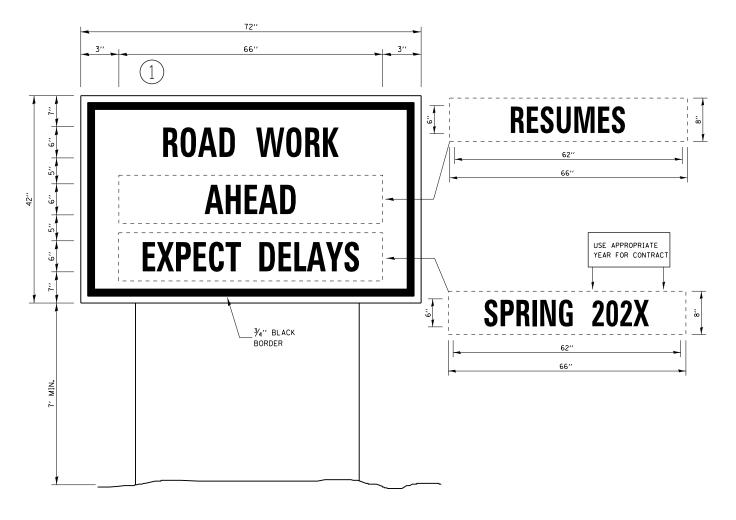
ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION. NO MONUMENT RECORDS WILL BE REQUIRED FOR THIS JOB.

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2020	DATE -	REVISED -

STATE OF	ILLINOIS
DEPARTMENT OF 1	TRANSPORTATION

	SCHEDIII ES								COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULES							(126, 127) SFY,	Y	KENDALL	7	5
									CONTRACT	NO. 66	5K22
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					





#### TEMPORARY INFORMATION SIGNING

## WINTER SHUT DOWN SIGNING

SHEET

#### NOTES:

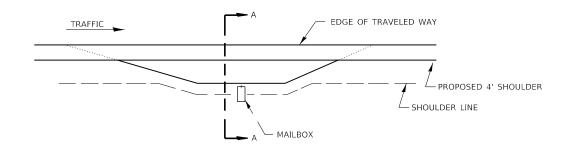
- 1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN() WITH INSTALLED PANEL (2) A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL ② ON THAT DATE.
- 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL (2) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

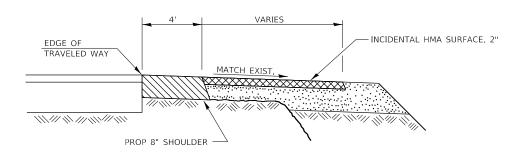
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PLOT DATE = 3/25/2020	DATE -	REVISED -

STATE OI	F ILLINOIS
DEPARTMENT OF	<b>TRANSPORTATION</b>

DETAILS				F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS		607	(126, 127) SFY, Y		KENDALL	7	6		
							CONTRACT	NO. 66	5K22
OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					

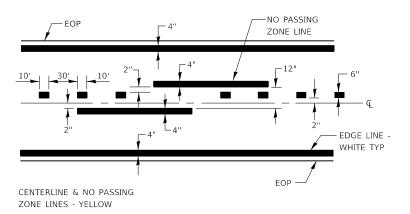
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#### SECTION A-A

## RURAL MAILBOX TURNOUT DETAILS



## PAVEMENT MARKING

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

						F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEI
DETAILS					607	(126, 127) SFY, Y	KENDALL	7	7	
								CONTRACT	NO. 66	K22
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT			