04-23-2021 LETTING ITEM 037

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INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS

701901-08 TRAFFIC CONTROL DEVICES

- 6-7 SCHEDULES
- 8 DETAILS

HIGHWAY STANDARDS

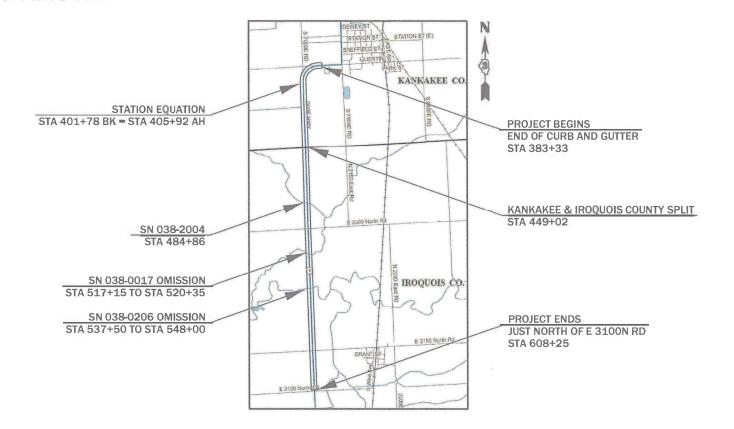
000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006 DECIMAL OF AN INCH AND OF A FOOT
406201-01 MAILBOX TURNOUT
482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
642006-01 SHOULDER RUMBLE STRIPS, 8 INCH
701006-05 OFF-ROAD OPERATIONS 2L, 2W, 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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (IL 1)
SECTION (5, K) SFY, Y
PROJECT: HSIP - M6H7 (210)
SHOULDER WIDENING AND RUMBLE STRIPS
KANKAKEE & IROQUOIS COUNTIES

C-93-118-20

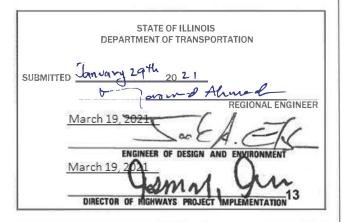


GROSS LENGTH = 22,078 FT. = 4.18 MILES NET LENGTH = 20,354 FT. = 3.85 MILES

D-93-083-20



IL 1 - OTHER ARTERIAL 2017 ADT = 2450 P.V. = 90.2% S.U. = 2.9% M.U. = 6.9%



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

0 100' 200' 300'— 1"= 100'
0 50' 100'
0 50' 100'
1"= 50'
0 50' 100'
1"= 40'
0 50' 100'
0 50' 100'

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

PROJECT ENGINEER: JOE KANNEL, P.E. UNIT CHIEF: MARC BUDZYNSKI, P.E. DISTRICT 3 NO. (815) 434–6131 CONTRACT NO. 66L30

GENERAL NOTES

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.

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.

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

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	REQUIREMENT	Γ TABLE
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	SHOULDER	SHOULDER
MIXIORE USE(S).	BOTTOM LIFT(S)	TOP LIFT (2")
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-19.0	IL-9.5 FG
(MIXTURE GRADATION)	11-19.0	1L-9.5 FG
FRICTION AGGREGATE:	-	-
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PR	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

COMMITMENTS:

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

SHEET

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

INSPECTORS:

SCALE:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DATE:

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FILE NAME: c:\pw work\pwidot\budzynskim\d0703684\D366L3(

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
DLOT DATE - 1/20/2021	DATE	DEVICED

				CONSTRUC	ION CODE	
			90% FED 10% STATE	KANKAKEE CO.	IROQUOIS CO.	
DE ,	ITEM	UNIT	TOTAL QUANTITY	SAFETY 0021 RURAL	SAFETY 0021 RURAL	
)290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8136	2425	5711	
0050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4.3	1.3	3	
)157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	36.8	11.6	25.2	
3029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	18030	5373	12657	
)108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	40549	12085	28464	
)200	NON-SPECIAL WASTE DISPOSAL	CU YD	45	45	0	
)530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0	
1001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1.0	1.0	0.0	
1003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1.0	1.0	0.0	
1006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2	0	
)100	MOBILIZATION	L SUM	1.0	0.5	0.5	
)500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	0.5	0.5	
8815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	1.5	3.5	
110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	86578	24170	62408	
		. I TEM 290 BITUMINOUS MATERIALS (TACK COAT) 157 INCIDENTAL HOT-MIX ASPHALT SURFACING 157 HOT-MIX ASPHALT SURFACE REMOVAL, 2" 108 SHOULDER RUMBLE STRIPS, 8 INCH 200 NON-SPECIAL WASTE DISPOSAL 530 SOIL DISPOSAL ANALYSIS 001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN 003 REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT 006 REGULATED SUBSTANCES MONITORING 100 MOBILIZATION 500 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 815 TRAFFIC CONTROL SURVEILLANCE	ITEM UNIT 290 BITUMINOUS MATERIALS (TACK COAT) POUND 050 INCIDENTAL HOT-MIX ASPHALT SURFACING TON 157 HOT-MIX ASPHALT SURFACE REMOVAL, 2" SQ YD 108 SHOULDER RUMBLE STRIPS, 8 INCH FOOT 200 NON-SPECIAL WASTE DISPOSAL CU YD 530 SOIL DISPOSAL ANALYSIS EACH 001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN LSUM 006 REGULATED SUBSTANCES MONITORING CAL DA 100 MOBILIZATION L SUM 550 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 L SUM 815 TRAFFIC CONTROL SURVEILLANCE CAL DA	DE ITEM UNIT TOTAL QUANTITY 290 BITUMINOUS MATERIALS (TACK COAT) POUND 8136 290 DINCIDENTAL HOT-MIX ASPHALT SURFACING TON 4.3 157 HOT-MIX ASPHALT SURFACE REMOVAL, 2" SQ YD 36.8 202 HOT-MIX ASPHALT SHOULDERS, 8" SQ YD 18030 108 SHOULDER RUMBLE STRIPS, 8 INCH FOOT 40549 200 NON-SPECIAL WASTE DISPOSAL CU YD 45 330 SOIL DISPOSAL ANALYSIS EACH 1 001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN LSUM 1.0 003 REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT LSUM 1.0 006 REGULATED SUBSTANCES MONITORING CAL DA 2 100 MOBILIZATION LSUM 1.0 11.0 15.0 16.1 17.0 17.0 17.0 18.1	SAFETY TOTAL OU21 OUANTITY OUANTI	

^{*=} SPECIALTY ITEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET OF SHEETS STA. TO STA.

A.P. SECTION COUNTY THE SHEETS NO.

32 (5, K) SFY, Y * 8 3

| ILLINOIS FED. AID PROJECT NO. 66L30

				CONSTRUC	TION CODE
			90% FED 10% STATE	KANKAKEE CO.	IROQUOIS CO.
				SAFETY	SAFETY
CODE			TOTAL	0021	0021
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	18030	5373	12657
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21	21

MODEL: \$MODELNAMES FILE NAME: c:\pw_work\pwidot\budzynskim\d0703684\

 USER NAME
 = budzynskim
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100.0000 ' / in.
 CHECKED
 REVISED

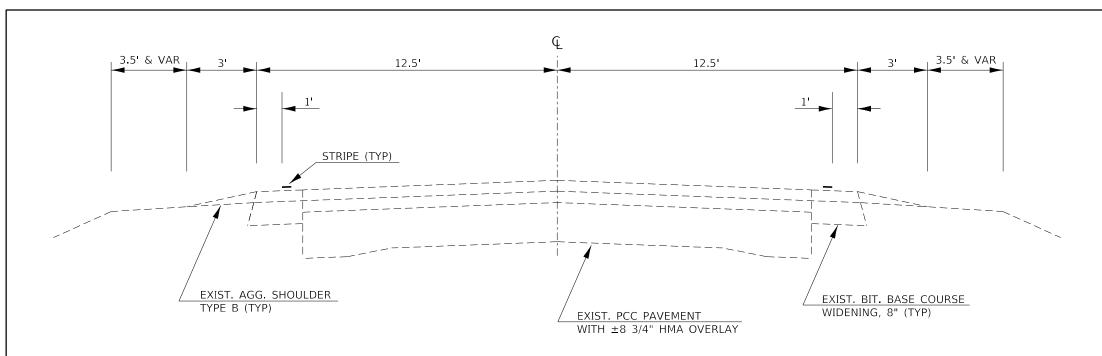
 PLOT DATE
 = 1/29/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

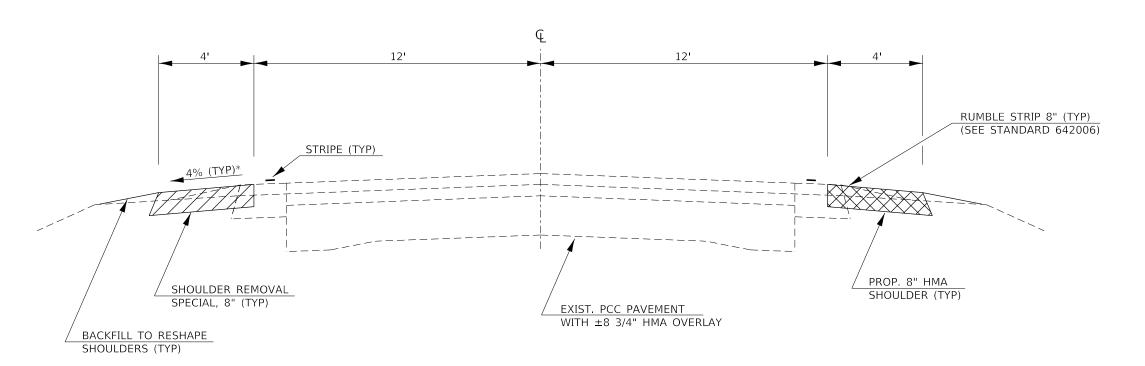
 SUMMARY OF QUANTITIES
 F.A.P. RTE. 332
 SECTION 332
 (5, K) SFY

 SHEET OF SHEETS STA. TO STA.
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 ILLI



EXISTING TYPICAL SECTION

STA 383+33 TO 401+78 STA 401+78 BK = STA 405+92 AH STA 405+92 TO STA 608+25



PROPOSED TYPICAL SECTION

*REFER TO STANDARD 482001 IN AREAS OF SUPERELEVATION

STA 383+33 TO 401+78 STA 401+78 BK = STA 405+92 AH STA 405+92 TO STA 608+25

											*1	*KANKAKEE & I ROQU	JOIS
USER NAME = budzynskim	DESIGNED -	REVISED -							F.A.P.	SECTION	COUN	JTY TOTAL	. SHI
	DRAWN -	REVISED -	STATE OF ILLINOIS			TYPIC	CAL SECTIONS		332	(5, K) SFY, Y	*	8	1
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONT	RACT NO. 6	6L30ء
PLOT DATE = 1/29/2021	DATE	REVISED -		SCALE:	SHEET	OF	CHEETC CTA	TO STA		TILLINOIS I	ED AID DROJECT		

	SHOU	LDER RE	MOVAL & F	REPLACEMEN	T SCHEDUL	E	
LOCATION	SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	SHOULDERS	BIT MTLS TACK COAT	SHOULDER RUMBLE STRIPS, 8"	*PAINT PVMT MARKING WHITE 4"
STA TO STA	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT
KANKAKEE COUNTY							
383+33 TO 389+0	8 LT & RT	575	512	E12	230	1150	2300
383+33 TO 389+0 389+08 TO 390+2		117	52	512 52	24	117	234
7000 S RD = STA 389+74							
390+25 TO 397+8 397+81 TO 398+8		756 108	672 48	672 48	303 22	1512 108	3024 216
7000 E RD = STA 398+35							
398+89 TO 401+7	8 LT & RT	289	257	257	116	578	1156
STATION EQUATION							
STA 401+78 BK = STA 405+92	АН						
405+92 TO 449+0	2 LT & RT	4310	3832	3832	1724	8620	17240
KANKAKEE SUBTOTAL		6155	5373	5373	2419	12085	24170
KANAKEE SOSTOTAL		0133	3373	3373	2123	12003	21273
IROQUOIS COUNTY							
449+02 TO 484+8	6 LT & RT	3584	3186	3186	1434	7168	14336
		3364	3100	3100	1434	7100	14330
SN 038-2004 = STA 484+8	5						
484+86 TO 501+9	0 LT & RT	1704	1515	1515	682	3408	6816
E 3300 N RD = STA 502+1)						
500 50		1.155	4202	4202	505	2020	5050
502+50 TO 517+1	5 LT & RT	1465	1303	1303	586	2930	5860
STRUCTURE OMISSION	-						1280
SN 038-0017 = STA 518+7							
520+35 TO 535+7 535+72 TO 537+5		1537 178	1367 80	1367 80	615 36	3074 178	6148 356
333+72 10 337+3	0 KI	170	80	80	30	176	330
STRUCTURE OMISSION SN 038-0206 = STA 541+8							4200
514 050-0200 - 31A 341+6							
548+00 TO 578+4 578+48 TO 580+0		3048 152	2710 68	2710 68	1220 31	6096 152	12192 304
580+00 TO 581+3		132	118	118	53	264	528
581+32 TO 581+4	8 RT	16	8	8	4	16	32
E 3150 N RD = STA 581+9)						
582+30 TO 582+4	2 RT	12	6	6	3	12	24
582+42 TO 608+2		2583	2296	2296	1034	5166	10332
IROQUOIS SUBTOTAL		14411	12657	12657	5698	28464	62408
TOTAL		20566	18030	18030	8117	40549	86578

*QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

	SCHEDULES F.A. 333							SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.
								(5, K) :	SFY, Y		*	8	6
											CONTRACT	NO. 6	6L30
	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

M.	MAILBOX TURNOUT SCHEDULE									
	HMA SURF	INCIDENTAL	BIT MTLS							
STA / SIDE	REMOVAL	HMA SURF	TACK COAT							
	2 "	2 "								
	SQ YD	TON	POUND							
KANKAKEE										
418+32 RT	11.6	1.3	6							
SUBTOTAL	11.6	1.3	6							
I ROQUO I S										
465+08 RT	10.4	1.2	5							
491+90 RT	7.4	0.9	4							
547+44 LT	NO WORK									
550+74 RT	7.4	0.9	4							
579+00 RT	NO WORK									
SUBTOTAL	25.2	3.0	13							
TOTAL	36.8	4.3	19							

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".

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 PERMANENT SURVEY MARKERS TO BE SET	N/A	N/A	N/A	N/A					

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.

DEPARTMENT OF TRANSPORTATION

DESIGNED - REVISED - STATE OF ILLINOIS

DRAWN - REVISED - STATE OF ILLINOIS

SCHEDULES

F.A.P. SECTION COUNTY
RTE. SECTION COUNTY
332 (5, K) SFY, Y *

SHEET

OF SHEETS STA.

TO STA.

8 7

CONTRACT NO. 66L30

USER NAME = budzynskim

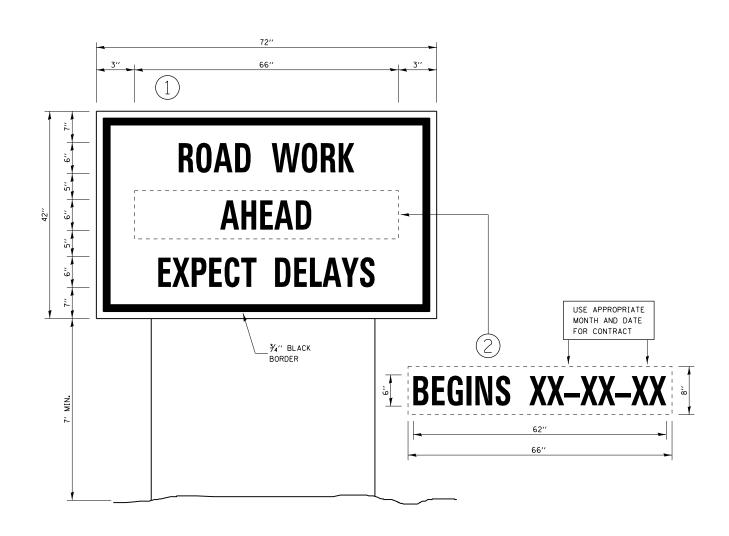
PLOT DATE = 1/29/2021

CHECKED -

DATE

REVISED -

REVISED -



TEMPORARY INFORMATION SIGNING

NOTES:

- 1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- 2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL ② ON THAT DATE.

JSER NAME = budzynskin

PLOT DATE = 1/29/2021

5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.

DESIGNED -

DRAWN -

CHECKED -

DATE

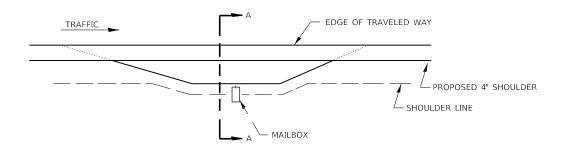
REVISED -

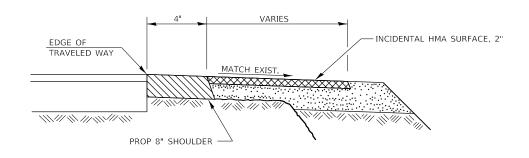
REVISED -

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REVISED

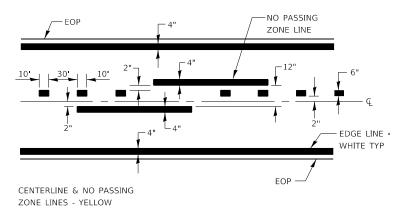
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL (2) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.





SECTION A-A

RURAL MAILBOX TURNOUT DETAILS



PAVEMENT MARKING

SECTION **DETAILS** (5, K) SFY, Y 8 8 CONTRACT NO. 66L30 SCALE: SHEET SHEETS STA. TO STA.

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION