

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 840 (US 45 / 52)
SECTION (138) I
PROJECT : ACHSIP-0840 (070)
SHOULDER WIDENING & RUMBLE STRIPS
IROQUOIS COUNTY

C-93-029-16

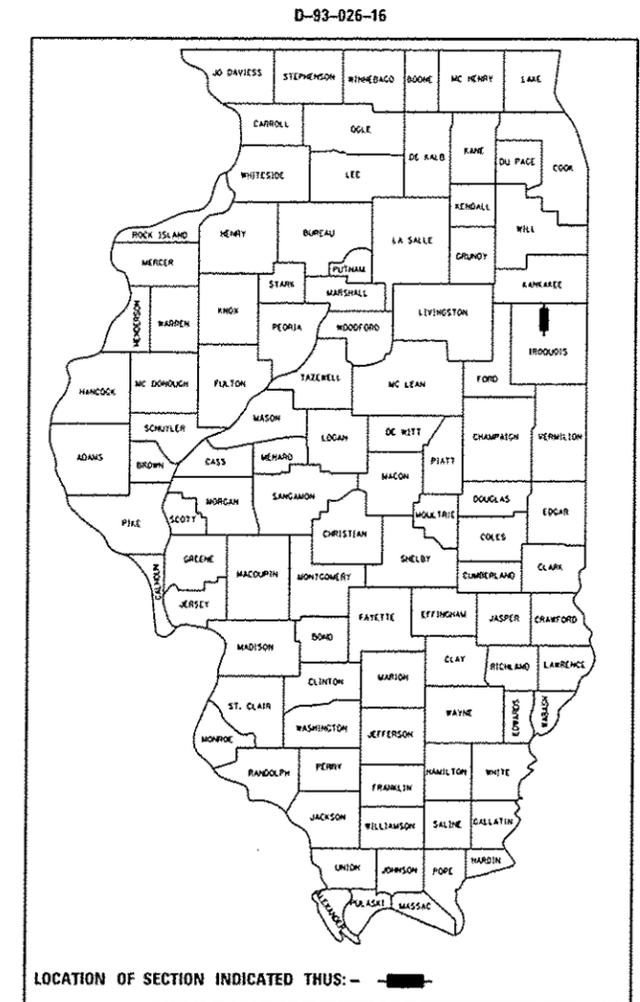
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(138) I	IROQUOIS	6	1
		ILLINOIS	CONTRACT NO. 66F18	

INDEX OF SHEETS

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

STANDARDS

- | | |
|-----------|--|
| 000001-06 | 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 |
| 701901-05 | TRAFFIC CONTROL DEVICES |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |



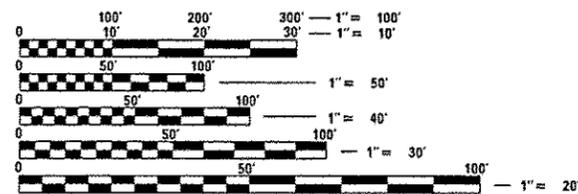
RURAL MINOR ARTERIAL
2013 ADT = 4200
P.V. = 85.0% S.U. = 10.7% M.U. = 4.3%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 18, 2016
Paul Coetzee
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 6, 2016
Maurice M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

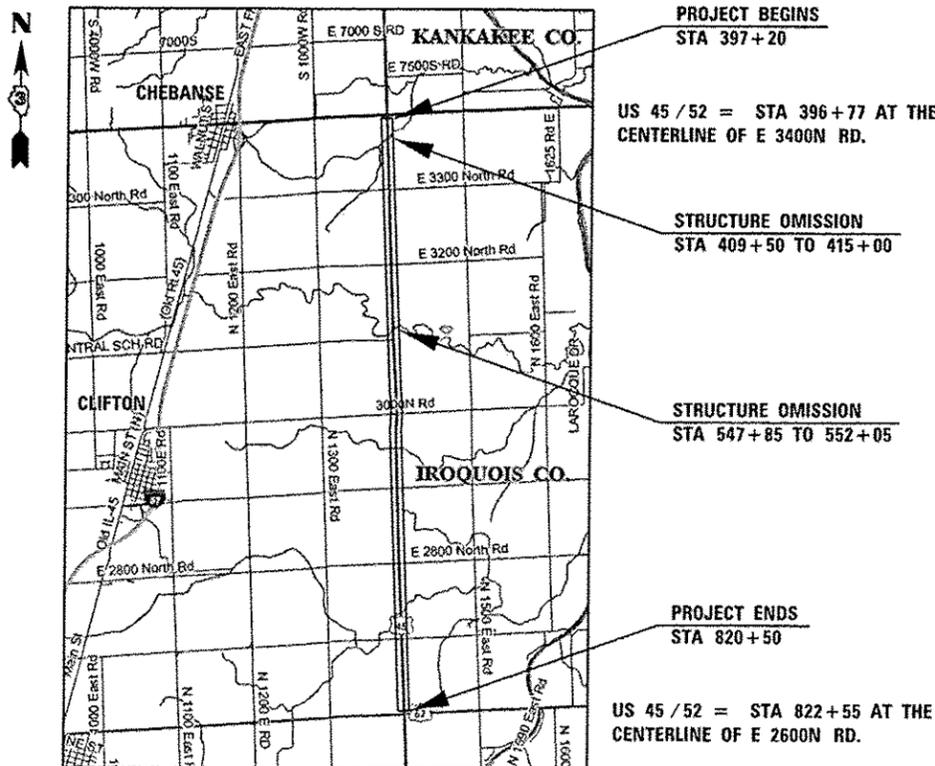
May 6, 2016
Omar Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



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
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66F18



GROSS LENGTH = 42,330 FT. = 8.017 MILES
NET LENGTH = 41,360 FT. = 7.833 MILES

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OF THE STATE OF ILLINOIS

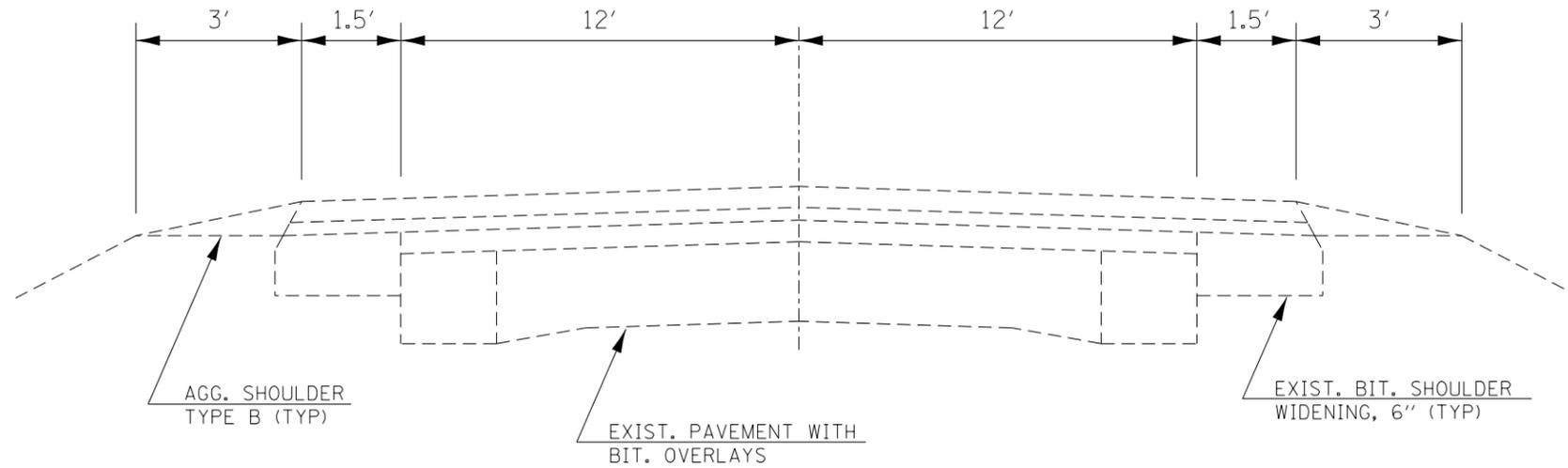
CONSTR. CODE
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0021 RURAL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	819	819
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	16442	16442
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	33.7	33.7
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	299.5	299.5
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	36404	36404
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	81096	81096
67100100	MOBILIZATION	LSUM	1.0	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	8	8
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	163816	163816
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	36404	36404
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

12

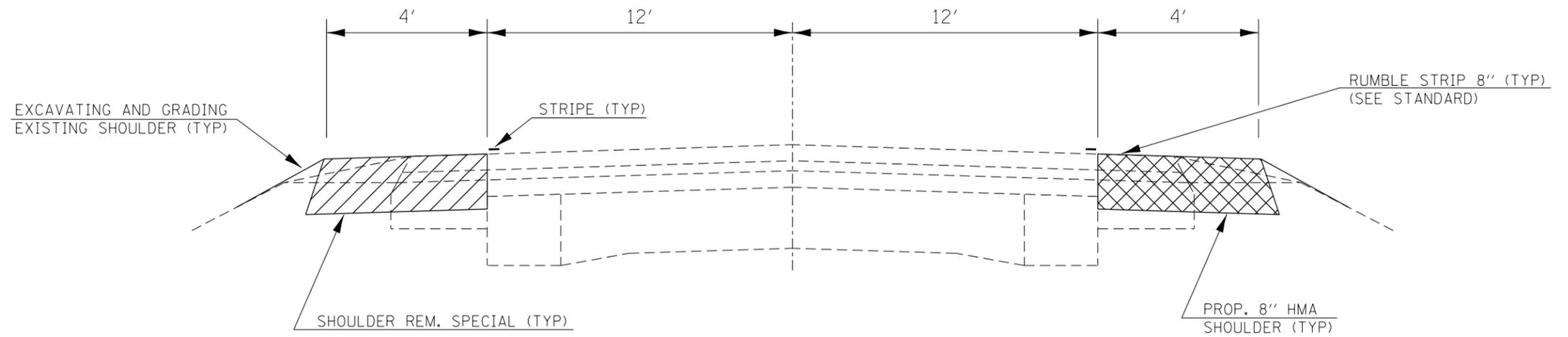
*Specialty Items

FILE NAME *	USER NAME * budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11004EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\0366\Drawings\0366F18-shr-detail.dgn	PLLOT SCALE * 100.0000' / 1"	CHECKED -	REVISED -					840	(138) I	IROQUOIS	6	3
PLLOT DATE * 2/25/2016	DATE -	REVISED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66F18				
							ILLINOIS FED. AID PROJECT					



EXISTING TYPICAL SECTION

397+20 TO 409+50
 415+00 TO 547+85
 552+05 TO 820+50



PROPOSED TYPICAL SECTION

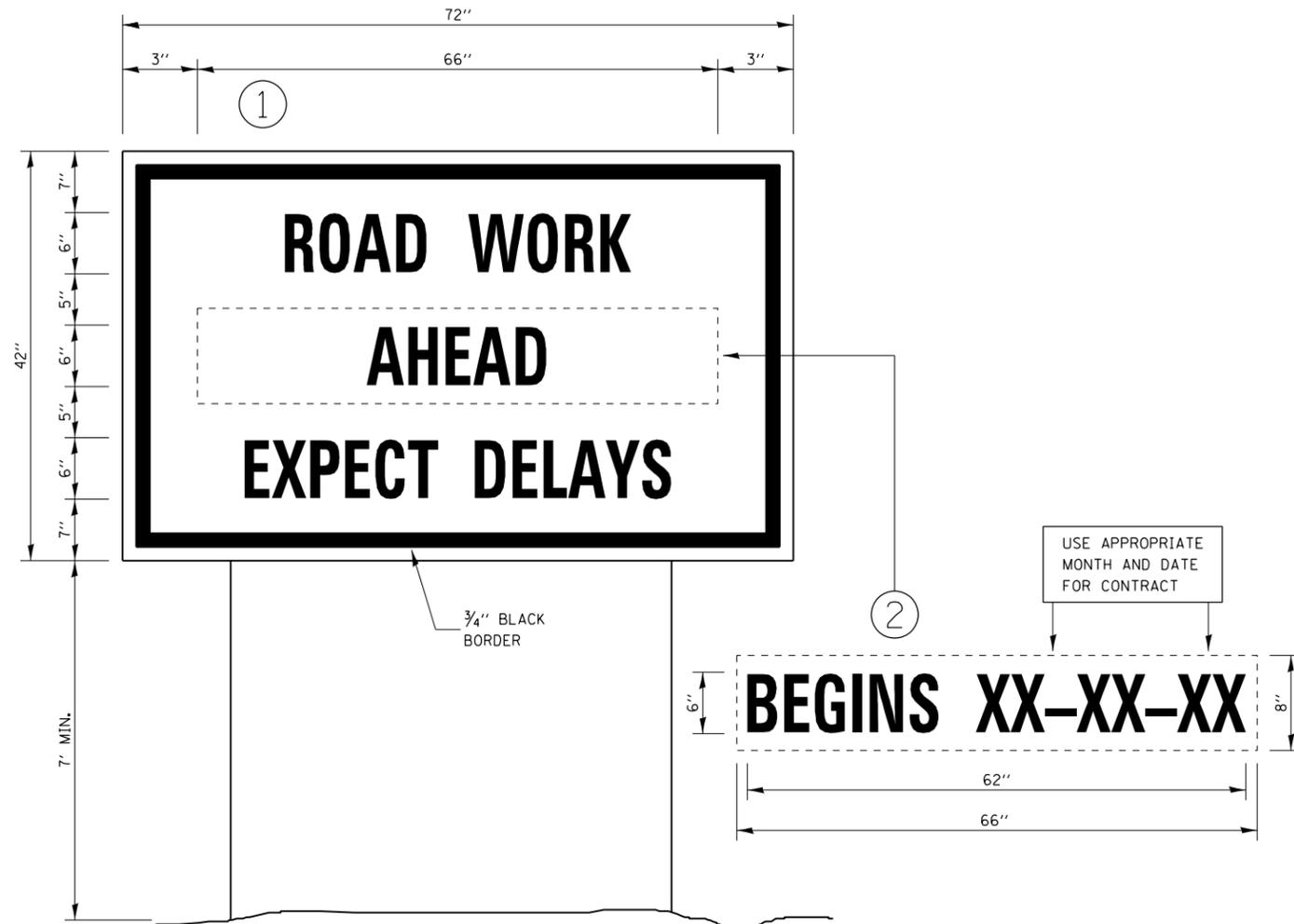
397+20 TO 409+50
 415+00 TO 547+85
 552+05 TO 820+50

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 3\Projects\0366\DRAWING\0366F18-sht-details.dgn		CHECKED -	REVISED -					840	(138) I	IRROUOIS	6	4
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66F18				
PLOT DATE = 2/25/2016					ILLINOIS FED. AID PROJECT							

SHOULDER REMOVAL & REPLACEMENT SCHEDULE									
LOCATION			SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	HMA SHOULDERS 8"	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
397+20	TO	409+50	LT & RT	1230	1093	1093	492	2460	4920
STRUCTURE OMISSION									
415+00	TO	547+85	LT & RT	13285	11809	11809	5314	26570	53140
STRUCTURE OMISSION									
552+05	TO	771+48	LT & RT	21943	19505	19505	8777	43886	87772
771+48	TO	779+60	RT	812	361	361	81	0	1624
779+60	TO	820+50	LT & RT	4090	3636	3636	1636	8180	16360
TOTAL				41360	36404	36404	16300	81096	163816

MAILBOX TURNOUT REMOVAL & REPLACEMENT SCHEDULE					
STA / SIDE	AREA	HMA SURF REMOVAL 2"	INCIDENTAL HMA SURF 2"	BIT MTLs (TACK COAT)	
	SQ YD	SQ YD	TON	POUND	
403+63	RT	15.9	15.9	1.8	8
429+50	RT	13.3	13.3	1.5	6
435+90	RT	18.1	18.1	2.0	9
471+05	RT	85.3	85.3	9.6	39
500+77	RT	14.8	14.8	1.7	7
531+62	LT	17.0	17.0	1.9	8
629+75	LT	12.5	12.5	1.4	6
641+40	LT	9.5	9.5	1.1	5
679+15	LT	-	-	-	-
708+25	LT	5.9	5.9	0.7	3
726+50	LT	22.7	22.7	2.5	11
733+90	LT	19.0	19.0	2.1	9
756+96	LT	16.8	16.8	1.9	8
766+35	LT	24.9	24.9	2.8	12
803+80	LT	8.8	8.8	1.0	4
806+60	LT	-	-	-	-
818+60	LT	15.0	15.0	1.7	7
TOTAL		299.5	299.5	33.7	142

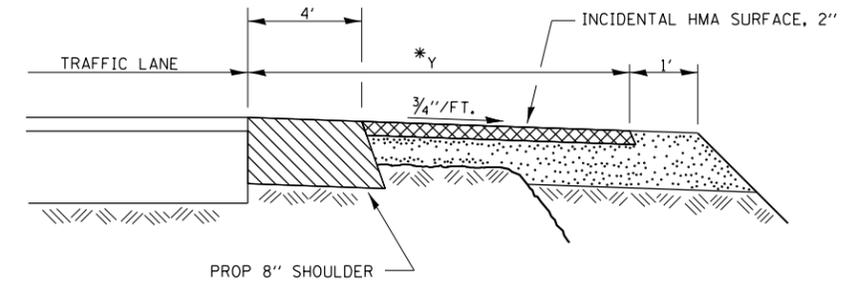
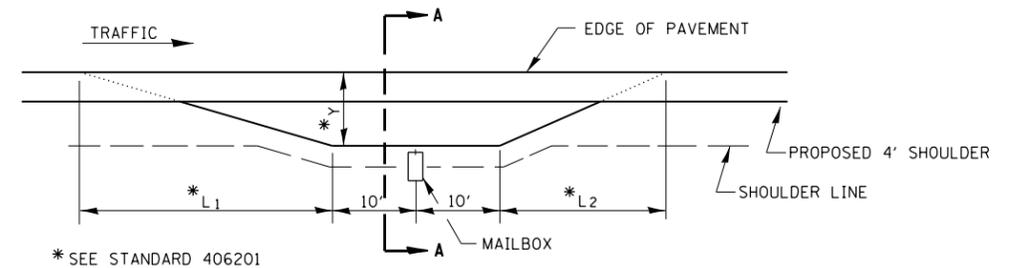
The first 4 feet of the MBTO adjacent to the traveled way is paid as Shoulder Removal (Special) and HMA Shoulders 8"
The remaining area of the MBTO is paid as HMA Surface Removal 2" and Incidental HMA Surface 2"



TEMPORARY INFORMATION SIGNING

NOTES:

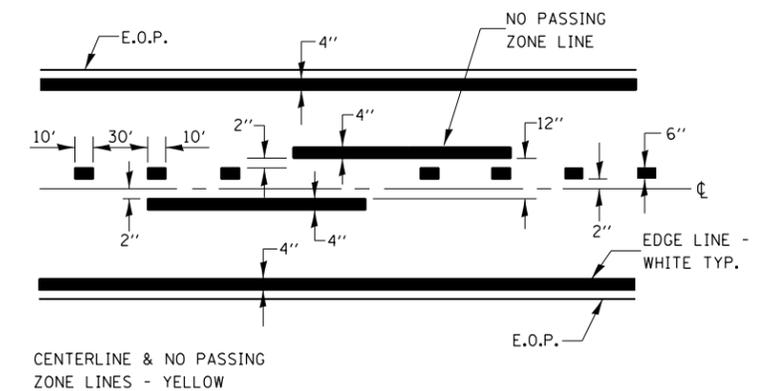
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
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 ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



SECTION A-A

NOTE: PLAN AND SECTION VIEW DETAILS ARE INCLUDED FOR INFORMATION ONLY. ACTUAL DIMENSIONS MAY VARY.

RURAL MAILBOX TURNOUT DETAILS (NTS)



PAVEMENT MARKING

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366F18\Drawings\0366F18-sht-details.dgn	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -					840	(138) I	IROQUOIS	6	6
	PLOT DATE = 2/25/2016	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66F18				
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