04-26-13 LETTING ITEM 087

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 761 (IL 108) SECTION (101, 102)I-1 PROJECT HSIP-0761(012) SHOULDERS AND RUMBLE STRIP **GREENE COUNTY**

C-98-092-12

INDEX OF SHEETS

COVER SHEET

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- **GENERAL NOTES & SCHEDULES**
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- PLAN SHEET

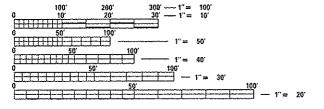
HIGHWAY STANDARDS

000001-06 701201-04 001006 701306-03 701311-03 482011-03 642001-02 701326-04 701901-02

COMMITMENTS

NONE

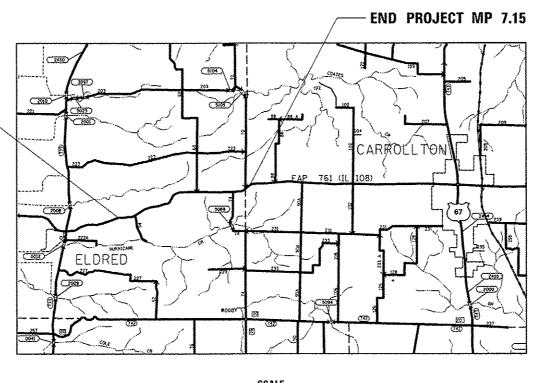
BEGIN PROJECT MP 3.75

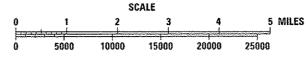


ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER - TIM PADGETT (618) 346-3325 PROJECT MANAGER - LIZ BURNSIDE (618) 346-3196





GROSS LENGTH = 17,950 FT. = 3.4 MILE NET LENGTH = 17,950 FT. = 3.4 MILE

CONTRACT NO. 76G00

(101. 102)1-1

D-98-083-12



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 2) ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS AND ELECTRIC)	Х	Х
FRONTIER NORTH, INC. (COMMUNICATIONS)	Х	Х
GREENE COUNTY RURAL WATER DISTRICT (WATER)		Х

MEMBERS OF J.U.L.I.E. (800)-892-0123 OR 811 ARE INDICATED BY .. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE THICKNESS OF THE BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.
- 4 "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48"X48")
- EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS AT 100' SPACING.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- THE REMOVAL OF THE EXISTING SHOULDER AND EARTH EXCAVATION FOR PROPOSED SHOULDER SHALL BE INCLUDED IN THE PAY ITEM HOT-MIX ASPHALT SHOULDERS, 8". THIS INCLUDES THE BITUMINOUS WEDGE AT ENTRANCES.
- (8) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS	SPECIAL PROVISION	SPECIAL PROVISION	SPECIAL PROVISION
MIX COMPOSITION	••2.0%NDES=30	**2.0%NDES=30	N70@4.0%
(GRADATION MIXTURE)	NMAS 3/4"	NMAS 1/2"	IL9.5
FRICTION AGG			MIX C

- ** Top Lift Shoulders Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%. Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).
- (9) SAW CUTTING FOR REMOVAL AT SIDE ROADS AND ENTRANCES MAY BE REQUIRED TO PREVENT DAMAGE TO MATERIAL LEFT IN PLACE AT THE DISCRETION OF THE ENGINEER WITH NO ADDITIONAL COMPENSATION.
- (10) RUMBLE STRIP WILL NOT GO THRU SIDE ROADS AND ENTRANCES. SEE HIGHWAY STANDARD 642001.

SCHEDULES

HOT-M	IX AS	PHALT S	HOULDERS, 8"
L	CATI	N	SQ YD
MP	TO	MP	
IL 108	- EAS	TBOUND	
3.75	TO	7.15	5984
IL 108	- WES	TBOUND	
3.75	TO	7.15	5984
	TOTA	AL:	11968

AGGREG	ATE W	EDGE SH	OULDER, TYPE B
t	OCATI	TON	
MP	TO	MP	
IL 108	- EAS	TBOUND	
3,75	TO	7.15	1396
IL 108	- WES	TBOUND	
3.75	TO	7,15	1396
	TOTA	Li	2793

LOC	ATION	WIDTH	LENGTH	INCIDENTAL HMA SURFACING	DRIVEWAY PAVEMENT REMOVAL			
MP RT/LT		RT/LT		TON	SQ YD			
5.45	RT	70	3	5.2	23			
5.84	RT	RT	45	3	3.4	15		
5.85	RT	45	3	3.4	1 15			

SH	OULDE	R RUMBL	E STRIPS, 16"
	LOCAT	ION	FOOT
IL 108	- EAS	STBOUND	
3.75	TO	7.15	17952
1L 108	- WES	TBOUND	
3.75	TO	7.15	17952
		·	
	TOTAL	.;	35904

SECTION

FEO. ROAD DIST. NO. BLINGIS FEO. AID PROJECT

761

COUNTY TOTAL SHEET NO.

GREENE 6 2

CONTRACT NO. 76G00

				PAVEMENT !	MARKING		
LOCATION)N	TEMPORARY PAVE-MARKING LINE, 4" (SOLID WHITE)	THERMO PAVE-MARKING LINE, 4" (SOLID WHITE)	PAVEMENT MARKING REMOVAL	SHORT-TERM PAVEMENT MARKING (SOLID WHITE)	WORKZONE PAVEMENT MARKING REMOVAL
MP	MP TO MP		F00T	FOOT	SQ FT	FOOT	SO FT
L 108	- EAS	TBOUND					
3.75	TO	7.15	17952	17952	5984	718	239
L 108	- WES	TBOUND					
3.75	TO	7.15	17952	17952	5984	718	239
	TOTA	L:	35904	35904	11968	1436	479

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		PLOT SCALE * 188.8000 1/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					
- 1		PLOT DATE + 2/6/2013	DATE -	RÉVISEO -		SCALE	SHEET NO. OF	SHEETS S	TA,	TO STA.

SUMMARY OF QUANTITIES

	SUMMARY OF QUANTITIE	ς		CONS	RUCTION TYPE CODE	41	SUMMARY OF QUANTITIES	ς		CONS	TRUCTION TYPE	CODE
CODE NO	TTEM MATT	UNIT	TOTAL QUANTITIES	0021 90% FED. 10% STATE		CODE NO	ITEM ITEM	JUNIT	TOTAL QUANTITIES	0021 90% FED. 10% STATE		
				107.31ME		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	479	479		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12	12								1
						* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35904	35904		<u> </u>
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	53	53								
			· ·									
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2793	2793		78300100	PAVEMENT MARKING REMOVAL	SQ FT	11968	11968		
	•					3						W
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	11968	11968			: : : : : : : : : : : : : : : : : : :		÷			
					AND							
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	35904	35904	11 A A A A A A A A A A A A A A A A A A							
						-						
67100100	MOBILIZATION	L SUM	1	1								
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	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1	PARTITION						·	
	STANDARD 701201										· .	

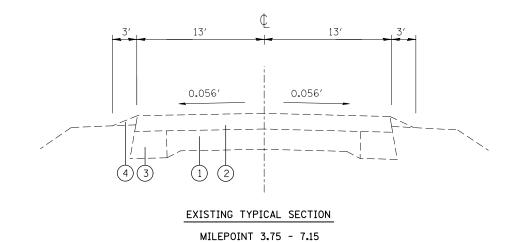
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	STANDARD 701306										·	
20100500	TRISTIA AMITTAL AND PROTECTION										······································	ļ.
	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1								
	STANDARD 701326											
70103815	TRACETO CONTROL CHONETH LANCE		0.0									
0103013	TRAFFIC CONTROL SURVEILLANCE	CAL DA	28	28							:	<u> </u>
0300100	SHORT TERM PAVEMENT MARKING	FOOT	1436	1436				PROFESSOR 100 PM				
	THE PARTY SALVE AND SALVE	1.001	1430	1430			· · · · · · · · · · · · · · · · · · ·	APPLICATION OF THE PROPERTY OF				
0300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	35904	35904		The state of the s	*					
3330220	The Victor of The Property of Control of Con	1001	JJ 304	JJ3U4							·	

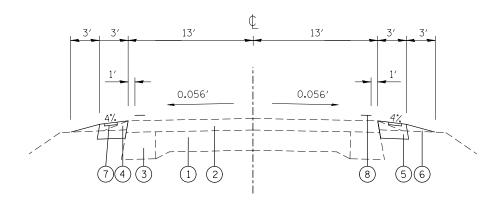
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		SUMMARY	OF QUA	ANTITIES	
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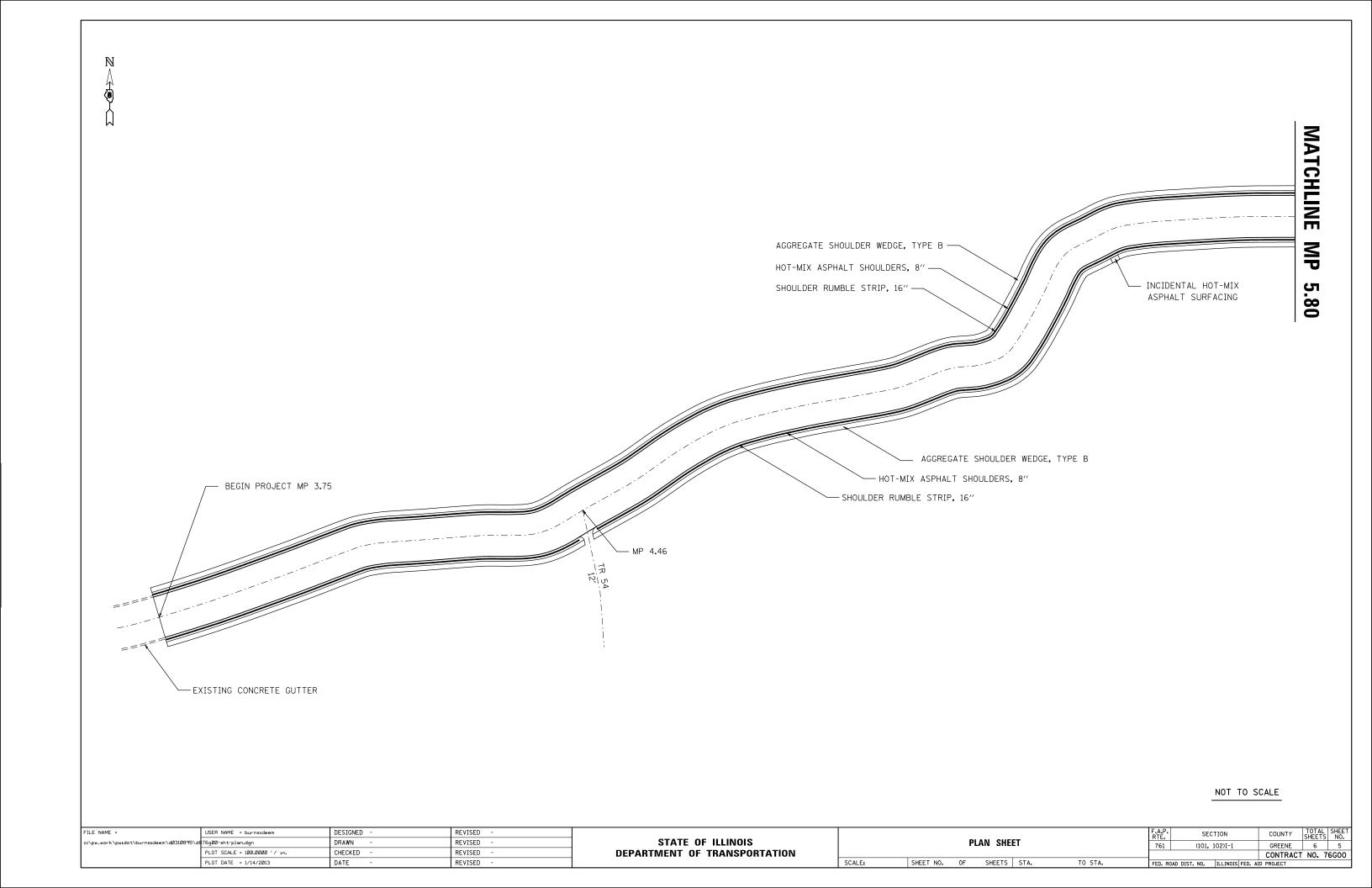
PROPOSED TYPICAL SECTION

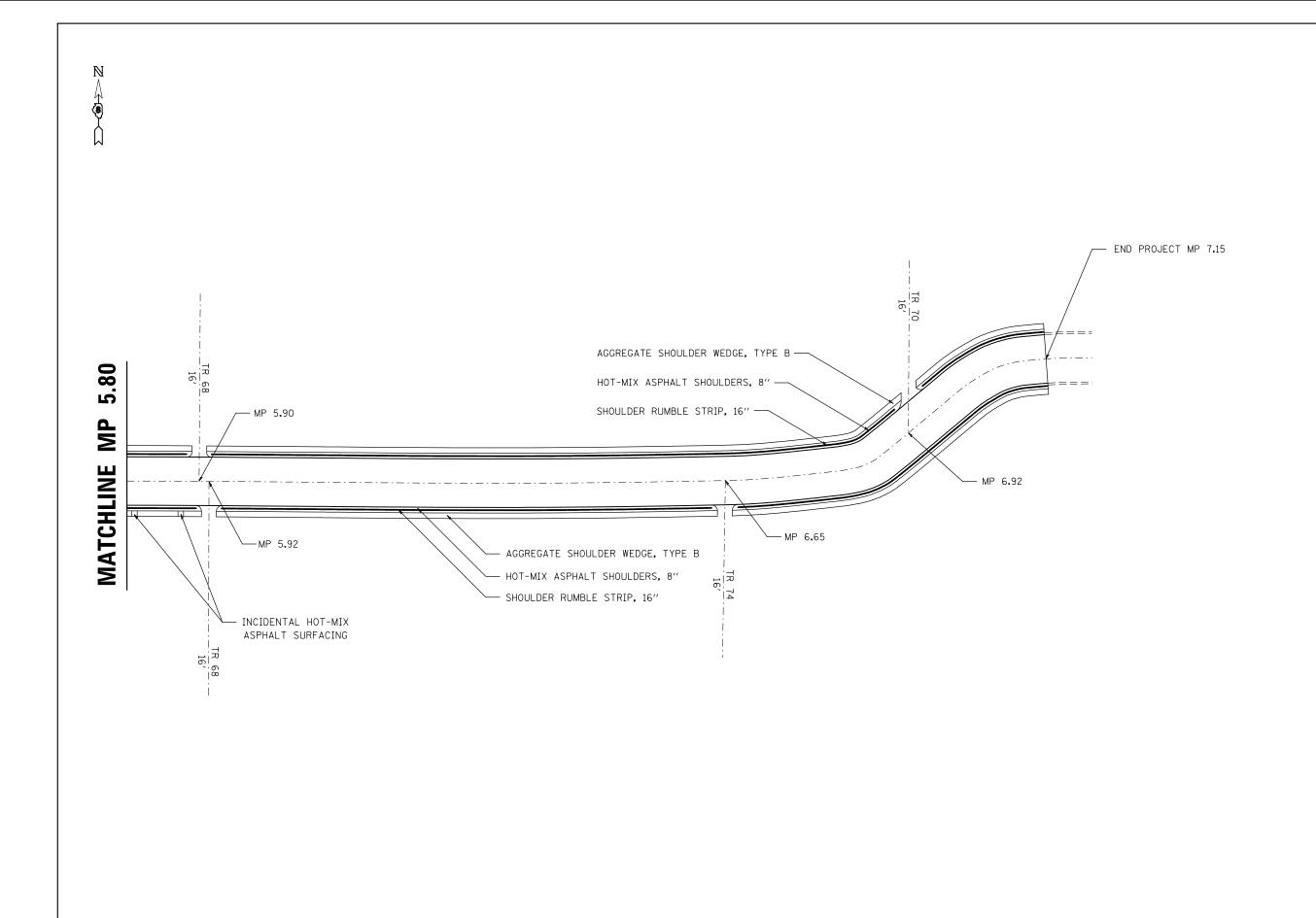
MILEPOINT 3.75 - 7.15

LEGEND

- 1 EXISTING PCC PAVEMENT 9"-6"-9"
- 2 EXISTING HOT-MIX ASPHALT RESURFACING 33/4"+
- 3) EXISTING WIDENING 9" 4"
- (4) EXISTING AGGREGATE WEDGE SHOULDER
- 5 PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- (6) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 7) PROPOSED SHOULDER RUMBLE STRIP, 16"
- 8 PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4"

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