STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

**DIVISION OF HIGHWAYS** 

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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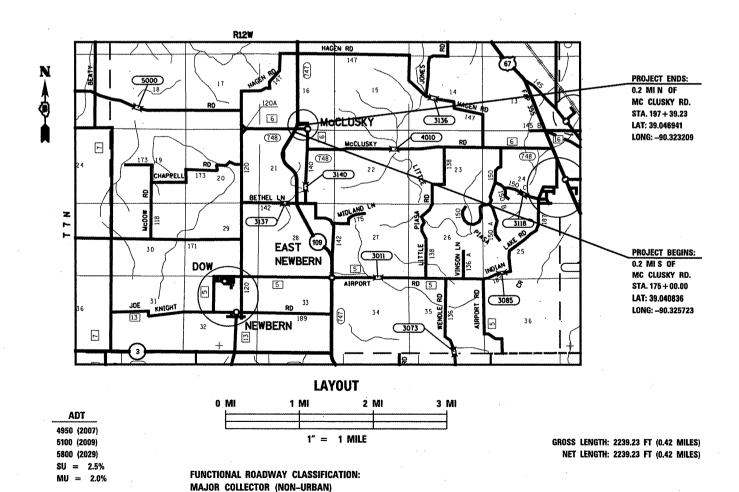
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# PROPOSED HIGHWAY PLANS

FAS ROUTE 747 (IL 109)
SECTION (58,59)I
PROJECT: HSIP-0747 (103)
JERSEY COUNTY

### HMA SHOULDERS WITH RUMBLE STRIPS

C-98-104-08



| F.A.S | SECTION | COUNTY | TOTAL SHEET | NO. | TOTAL SHEET | NO.

D-98-110-08



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED

OCT 10 20

DEPUT DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

OCCUMENTS 20

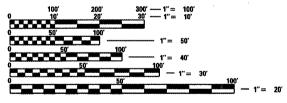
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OR COMMENTS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Rev.



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: PATTI LEBEAU (618) 346-3179 PROJECT MANAGER: CHERYL KEPLAR (618) 346-3186

CONTRACT NO. 76C30

#### GENERAL NOTES

- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- 2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL 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:

\*AMEREN CIPS

AERIAL

\*FRONTIER COMMUNICATIONS COMPANY

AERIAL. BURIED

\*JERSEY COUNTY RURAL WATER COMPANY

BURIED

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

- 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 5. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
- 6. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH 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 (48X48).
- 7. "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 CONTRACTORS EXPENSE.".
- 8. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE
- 9. 3' REMOVAL AT SIDE ROAD STATION 189+80.00 (RIGHT) WILL BE PAID FOR AS "PAVED SHOULDER REMOVAL". NO ADDITIONAL COMPENSATION SHALL BE PAID. SAW CUTS SHALL ALSO BE CONSIDERED IN THE COST OF "PAVED SHOULDER REMOVAL".
- 10. REMOVAL OF EXISTING ENTRANCE MATERIAL REQUIRED TO PLACE HMA SHOULDER 10" WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF "PAVED SHOULDER REMOVAL".
- 11. PER ARTICLE 481.07 PRIOR TO PLACING THE AGGREGATE WEDGE SHOULDER TYPE B, THE CONTRACTOR SHALL CUT THE WEEDS AND GRASS ON THE AREA TO BE COVERED. COST IS INCLUDED IN AGGREGATE WEDGE SHOULDER. TYPE B AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

#### HIGHWAY STANDARDS

000001-05 482001-02 482006-03 642001-01

701306-02

701311-03 701326-03

701901-01

#### INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES, STANDARDS, COMMITMENTS, AND INDEX OF SHEETS
- 3. SUMMARY OF QUANTITIES
- 4. 5. TYPICAL SECTIONS
  - 6. ROADWAY LAYOUT
  - 7. SCHEDULES
  - 8. PLAN SHEET
  - 9. DETAILS

#### COMMITMENTS

NO COMMITMENTS

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FILE NAME		USER NAME = \$USER\$	DESIGNED -	REVISED -	,	GENERAL NOTES, COMMITMENTS, INDEX OF SHEETS & LIST OF STANDARDS				NITC	F.A.S	SE	CTION	COUNTY	TOTAL	SHEET	
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		PLOT DATE = \$DATE\$	DATE -	REVISED -					TO STA.	FEO. R	DAD DIST. NO.	ILLINOIS FED. A	D. AID PROJECT				

## SUMMARY OF QUANTITIES

	SUMMARY OF QUANTITIES				STRUCTION TYPE	CODE	+	CHAMADY	∩E	<b>QUANTITIES</b>			CO	NSTRUCTION TYP	E CODE
T		T	TOTAL.	SFTY-2A 90% FED				SUMMARI	<del></del>	QUANTITIES	Т	TOTAL			
CODE NO	ITEM	UNIT	QUANTITIES	10% STATE			CODE NO		ITEM		UNIT	QUANTITIES			-
200100 E	EARTH EXCAVATION	CU YD	350	350											
5000210	SEEDING, CLASS 2A	ACRE	0.9	0.9											
1004250 F	PAVED SHOULDER REMOVAL	SQ YD	482	482											
3102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	159	159		,	Ì								
3203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	1425	1425											
1200105	SHOULDER RUMBLE STRIP	FOOT	4275	4275											
7100100	MOBILIZATION	l. Sum	1	1	**										
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	· <b>1</b>		·									
103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	. 5											
001110	PAINT PAVEMENT MARKING - LINE 4"	<b>F</b> 00Т	4275	4275											
100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	21	21								·-			
300100	PAVEMENT MARKING REMOVAL	SQ FT	1425	1425				,							
0100500	TRAFFIC CONTROL AND	L SUM	1	1											
	PROTECTION, STANDARD 701326														
0300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4275	4275		·									
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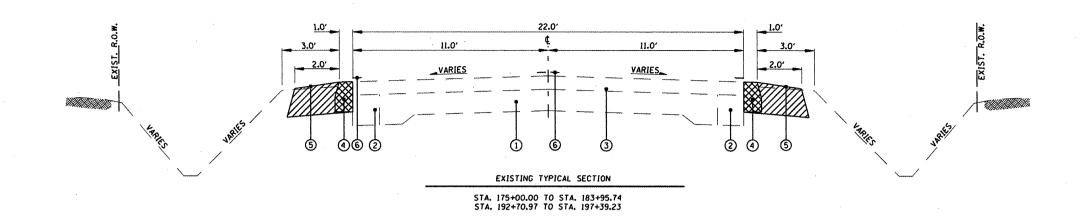
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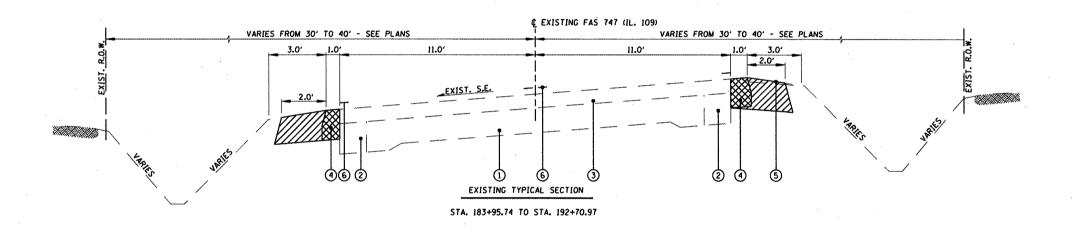
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:







- ② EXISTING P.C. CONCRETE WIDENING (8")
- (3) EXISTING BITUMINOUS OVERLAY 5 1/4"
- (4) EXISTING BITUMINOUS SHOULDER (10 1/4")
- S EXISTING AGGREGATE SHOULDER WEDGE TYPE A
- 6 EXISTING PAINT PAVEMENT MARKING LINE 4"
- (7) PROPOSED HMA SHOULDER 10"
- 8 PROPOSED SHOULDER RUMBLE STRIP
- 9 PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- 10 PROPOSED PAINT PAVEMENT MARKINGS



SHOULDER REMOVAL

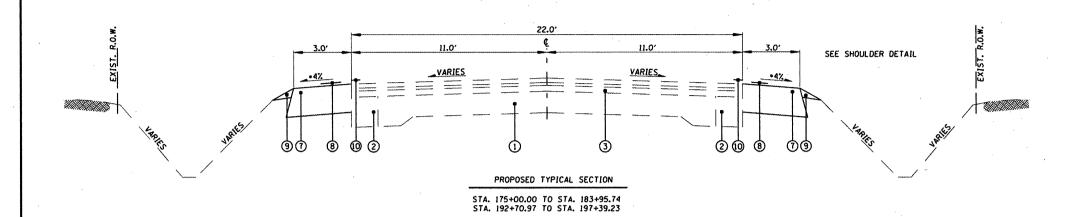


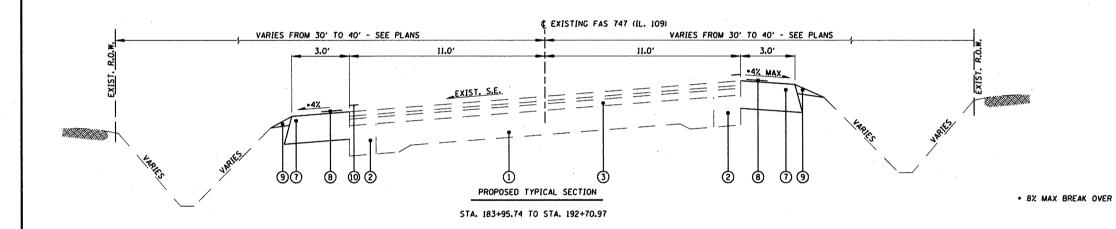
EARTH EXCAVATION

	MIXTURE REQUIREMENT	S .
MIXTURE USE	SHOULDERS	TOP LIFT SHOULDER
AC/PG	PG 58-22	PG 58-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% c Ndes=30	••2.0% @ Ndes=30
MIX COMPOSITION		
(GRADATION MIXTURE)		
FRICTION AGG	BAM	BAM

•• TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

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s	TLEL\$	•	DRAWN ~	REVISED -	STATE OF ILLINOIS	<u> </u>	EXISTING TYPICAL SECTIONS	747 (58,59)]	JERSEY 9 4
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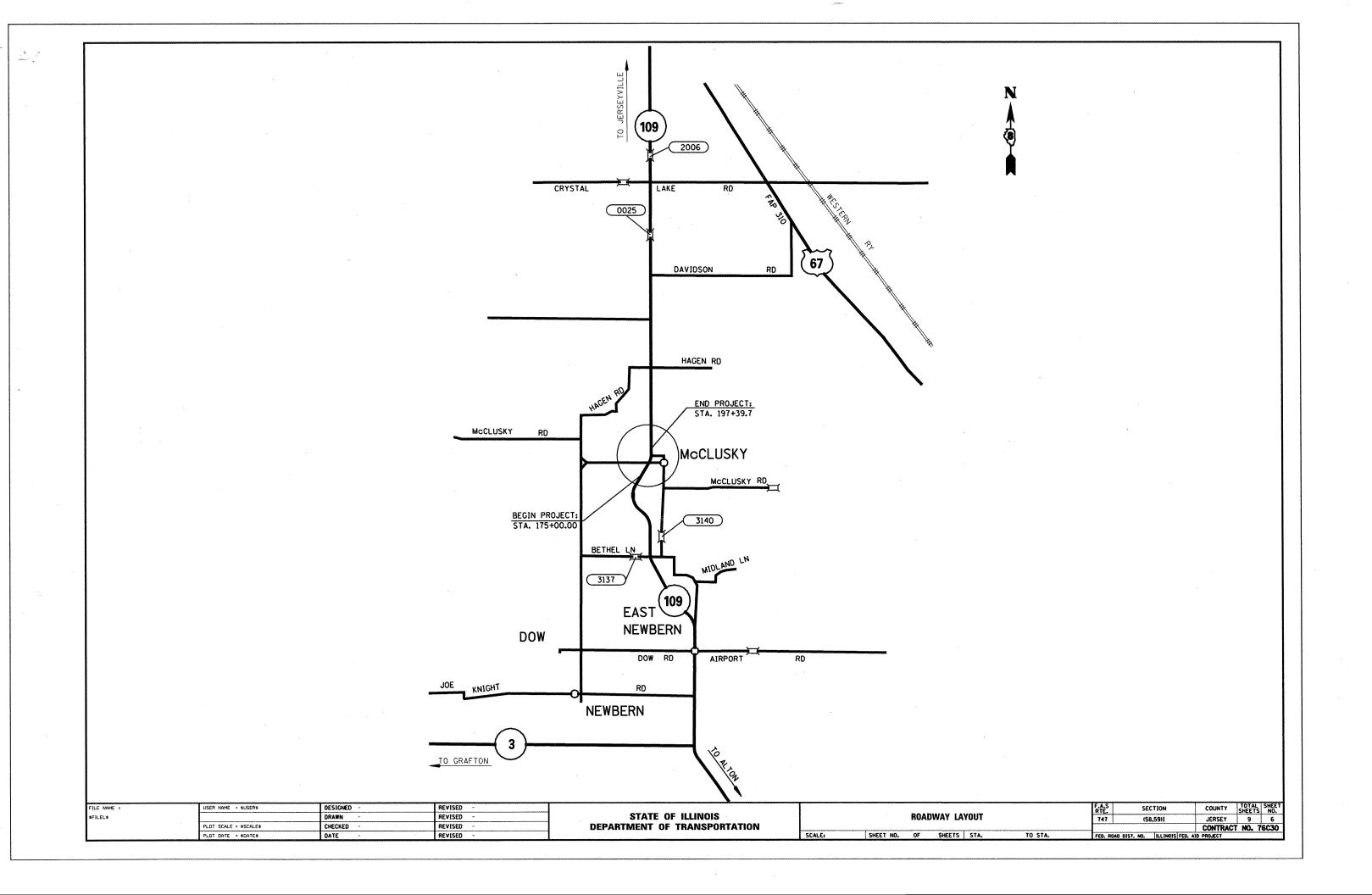


- 1 EXISTING P.C. CONCRETE BASE (9"-6"-9")
- ② EXISTING P.C. CONCRETE WIDENING (8")
- 3 EXISTING BITUMINOUS OVERLAY 5 1/4"
- 4 EXISTING BITUMINOUS SHOULDER (10 1/4")
- 5 EXISTING AGGREGATE SHOULDER WEDGE TYPE A
- 6 EXISTING PAINT PAVEMENT MARKING LINE 4"
- 7 PROPOSED HMA SHOULDER 10"
- (8) PROPOSED SHOULDER RUMBLE STRIP
- 9 PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- 10 PROPOSED PAINT PAVEMENT MARKINGS

N	MIXTURE REQUIREMENTS	S
MIXTURE USE	SHOULDERS	TOP LIFT SHOULDER
AC/PG	PG 58-22	PG 58-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% <b>c</b> Ndes=30	••2.0% • Ndes=30
MIX COMPOSITION		
(GRADATION MIXTURE)		
FRICTION AGG	BAM	BAM

- •• TOP LIFT SHOULDERS DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

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		PAVEMEN	IT MARK	ING SCHEDULE				
STATION	ТО	STATION	L/R	PAINT WHITE LINE 4"				
				FOOT				
-				,				
175+00.	TO	186+17.06	L	1117.06				
186+17.06	ТО	187+27.03	L	OTTERVILLE ROAD				
187+27.03	TO	197+39.23	L	1012.2				
175+00.	ТО	186+37.06	R	1137.06				
186+37.06	ТО	187+30.56	R	MCCLUSKY ROAD				
187+30.56	ТО	197+39.23	L	1008.67				
	Т	OTAL:		4274.99				

(QUANTITY INCLUDED FOR EDGELINE STRIPING ONLY)

					SHO	DULDER SCHEDU	ILE		
STATION	то	STATION	L/R	LENGTH	RUMBLE STRIP	HMA SHOULDER 10''	PAVED SHOULDER REMOVAL	EARTH EXCAVATION	AGGREGATE SHOULDER WEDGE, TYPE B
				(FOOT)	(FOOT)	(SQYD)	(SQYD)	(CU YD)	(TON)
									·
175+00.00	ТО	186+17.06	L	1117.06	1117.06	372.35	124.12	91.40	41.37
186+17.06	ΤÒ	187+27.03	L	OTTERVILLE	ROAD				
187+27.03	TO	197+39.23	L	1012.20	1012.20	337.40	112.47	82.82	37.49
175+00.00	ТО	186+37.06	R	1137.06	1137.06	379.02	126.34	93.03	42.11
186+37.06	ТО	187+30.56	R	MCCLUSKY R	OAD				
187+30.56	ТО	197+39.23	R	1008.67	1008.67	336.22	112.07	82.53	37.36
187+35.00	ТО	187+55.00	R	20.00			6.67		
		TOTAL:			4275	1425	482	350	159

ANY FILLS ON THE OUTSIDE OF THE SHOULDER WILL BE DONE WITH AGGREGATE WEDGE SHOULDER

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