

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJS-1	CLINTON	8	1
		ILLINOIS	CONTRACT NO. 76P20	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT

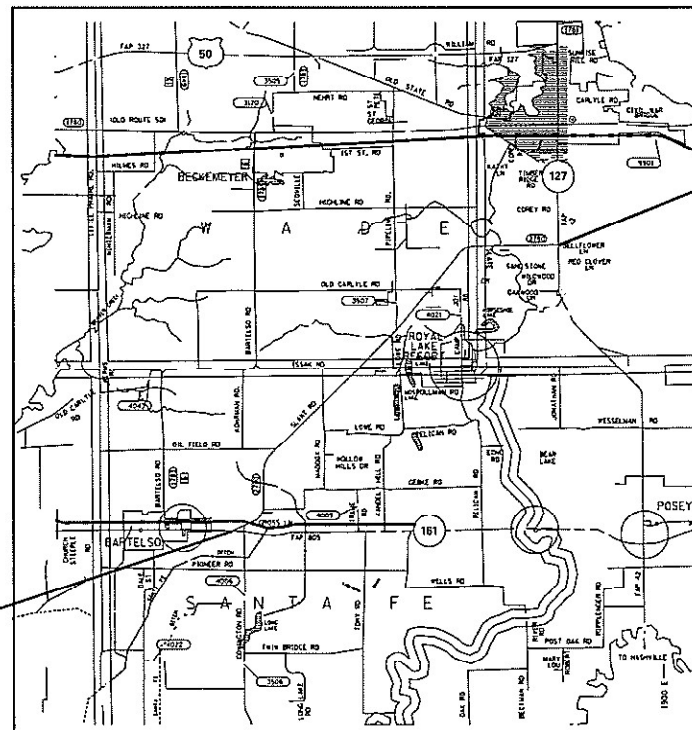
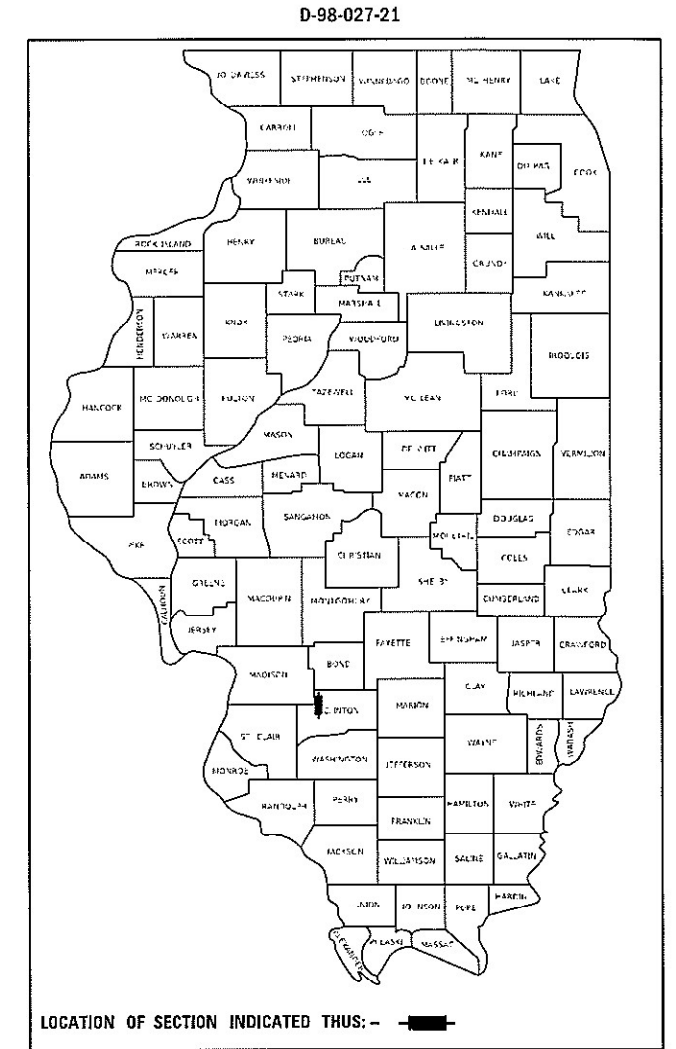
IL-161 TO OLD CARLYLE RD.  
2020 ADT = 1050 (ACTUAL)  
2022 ADT = 1100 (ESTIMATED)  
2042 ADT = 1450 (ESTIMATED)  
SU = 6.7% MU = 4.8%

CARLYLE RD. TO IL-127  
2020 ADT = 1450 (ACTUAL)  
2022 ADT = 1500 (ESTIMATED)  
2042 ADT = 2000 (ESTIMATED)  
SU = 4.8% MU = 3.4%

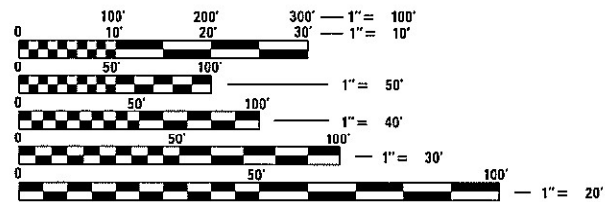
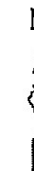
**PROPOSED  
HIGHWAY PLANS**

FAS ROUTE 2780 (SLANT RD)  
SECTION 128CJS-1  
PROJECT  
CRACK AND JOINT SEAL  
CLINTON COUNTY

C-98-056-21



END PROJECT (IL 127)  
STA. 311+07  
LAT: 38.588027  
LONG: -89.373028



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 EXCAVATORS  
1-800-892-0123  
OR 811

BEGIN PROJECT (IL 161)  
STA. 0+00  
LAT: 38.536315  
LONG: -89.447636

JOB LENGTH = 31107 FT. = 5.89 MILES

PROJECT ENGINEER: CHERYL KEPLAR (618) 346-3123  
PROJECT MANAGER: TONI MANN (618) 346-3189

CONTRACT NO. 76P20

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct. 15 2021  
Keith Rohat  
REGIONAL ENGINEER

December 10 2021  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021  
Stephen M. Smith  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS,  
GENERAL NOTES & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION MAP
- 5-6 TYPICAL SECTION
- 7 SCHEDULES
- 8 CRACK & JOINT SEALING DETAIL

**HIGHWAY STANDARDS**

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45
- 701901-08 MPH TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

**GENERAL NOTES**

- 1. 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. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
- 2. ANY RAISED REFLECTIVE PAVEMENT MARKERS ENCOUNTERED SHALL BE LEFT IN PLACE. ROUTING SHALL BE GAPPED WHERE RAISED REFLECTIVE PAVEMENT MARKERS ARE ENCOUNTERED SO AS TO LEAVE THEM FUNCTIONAL.
- 3. RESIDENT ENGINEER SHALL DETERMINE EXACT LOCATION WHERE CRACKS ARE TO BE ROUTED AND FILLED.
- 4. ESTIMATED CRACK FILLING APPLICATION RATE : 0.4 LB/FT
- 6. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 7. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED 14 DAYS IN ADVANCE OF CONSTRUCTION. EXACT LOCATION OF CHANGEABLE SIGNS SHALL BE DETERMINED BY THE ENGINEER.

**COMMITMENTS**  
NONE

REV. - MS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,  
GENERAL NOTES & COMMITMENTS**

SCALE: NTS    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJS-1	CLINTON	8	2
<b>CONTRACT 76P20</b>				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				CLINTON 100% ST. ROADWAY 0005 RURAL
45100100	CRACK ROUTING (PAVEMENT)	FOOT	113537	113537
45100200	CRACK FILLING	POUND	45415	45415
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	79411	79411

\* SPECIALTY ITEM

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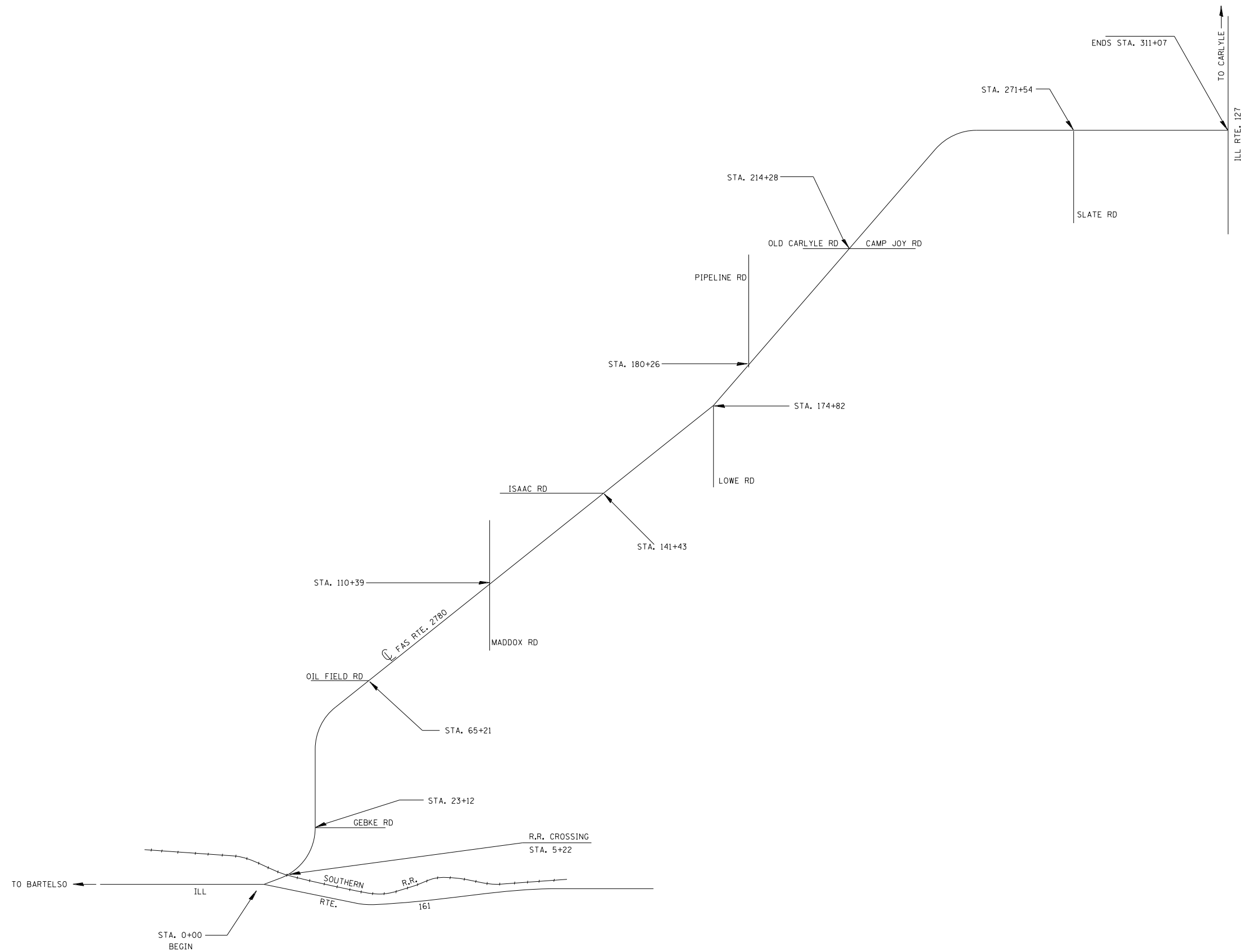
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJ5-1	CLINTON	8	3
			CONTRACT NO. 76P20	
ILLINOIS FED. AID PROJECT				



# LOCATION MAP

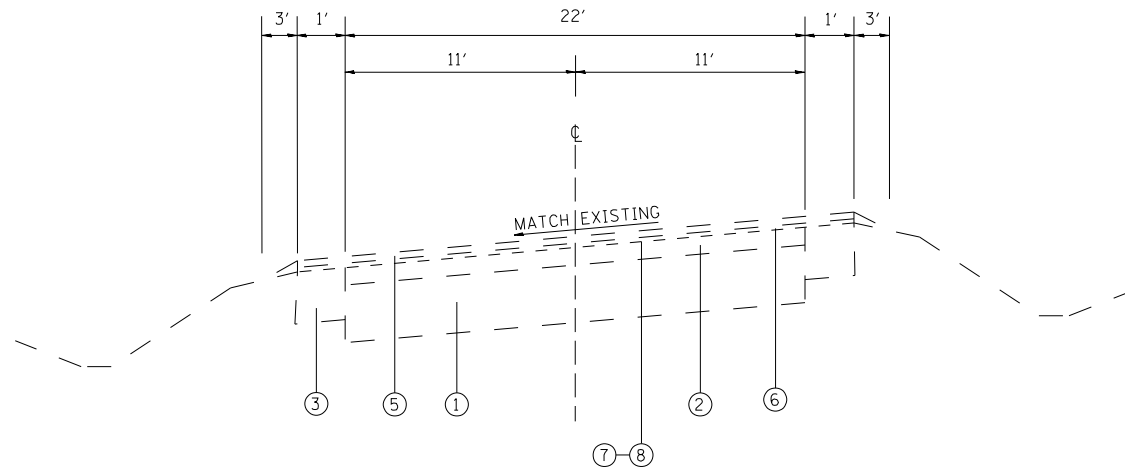
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## LOCATION MAP

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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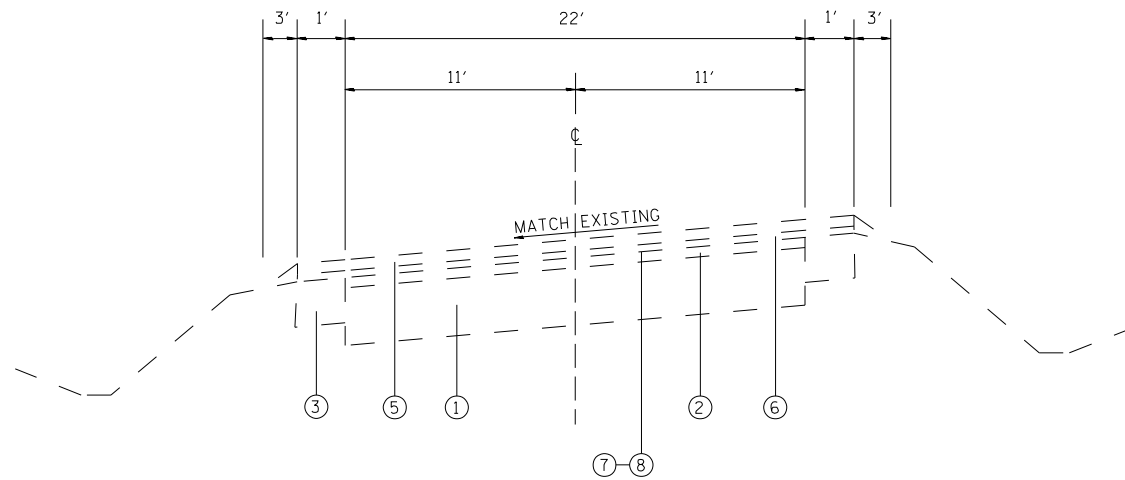
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2780	128CJS-1	CLINTON	8	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76P20	



**EXISTING HMA RESURFACING  
SUPERELEVATED SECTION**  
STA. 244+33 TO STA. 254+09

**LEGEND**

- ① EXISTING PCC PAVEMENT
- ② EXISTING HMA RESURFACING
- ③ EXISTING 1' SAFETY SHOULDER
- ④ EXISTING 3/4" MILLING
- ⑤ EXISTING HMA SC "C" N70 1 1/2"
- ⑥ EXISTING LEVEL BINDER MM N70
- ⑦ EXISTING BIT MATL PRIME COAT
- ⑧ EXISTING AGG. PRIME COAT
- ⑨ EXISTING HMA SHOULDER 6"
- ⑩ EXISTING AGG. WEDGE SHLDR TYPE "B"
- ⑪ EXISTING STRIP REFLECTIVE CRACK CONTROL



**EXISTING HMA RESURFACING FOR MILLED  
SUPERELEVATED SECTION**  
STA. 12+25 TO STA. 24+59  
STA. 49+44 TO STA. 59+85

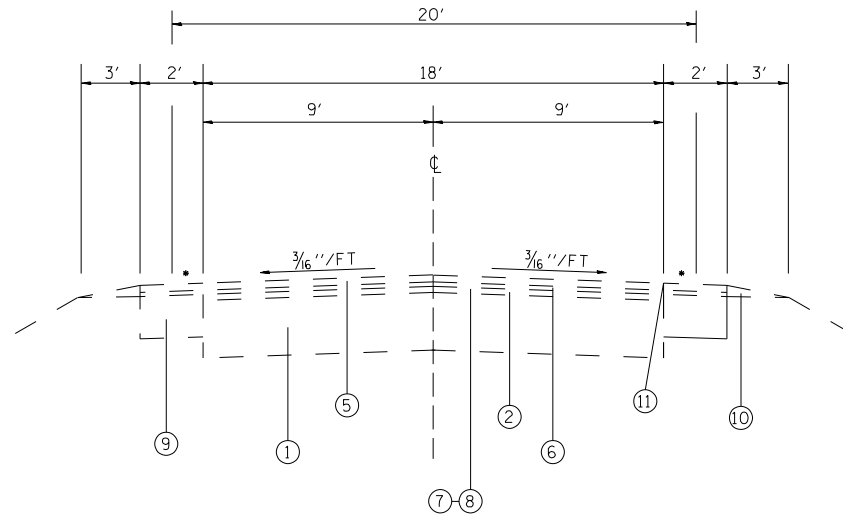
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJ5-1	CLINTON	8	5
CONTRACT NO. 76P20				
ILLINOIS FED. AID PROJECT				



**EXISTING  
TANGENT SECTION**  
 STA. 0+00 TO STA. 12+25  
 STA. 24+59 TO STA. 49+44  
 STA. 59+85 TO STA. 244+33  
 STA. 254+09 TO STA. 311+07

- LEGEND**
- ① EXISTING PCC PAVEMENT
  - ② EXISTING HMA RESURFACING
  - ③ EXISTING 1' SAFETY SHOULDER
  - ④ EXISTING 3/4" MILLING
  - ⑤ EXISTING HMA SC "C" N70 1 1/2"
  - ⑥ EXISTING LEVEL BINDER MM N70
  - ⑦ EXISTING BIT MATL PRIME COAT
  - ⑧ EXISTING AGG. PRIME COAT
  - ⑨ EXISTING HMA SHOULDER 6"
  - ⑩ EXISTING AGG. WEDGE SHLDR TYPE "B"
  - ⑪ EXISTING STRIP REFLECTIVE CRACK CONTROL

• NOTE: ROADWAY WILL BE MARKED FOR 10' DRIVING LANES AND A 1' SAFETY SHOULDER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJ5-1	CLINTON	8	6
CONTRACT NO. 76P20				
ILLINOIS FED. AID PROJECT				

CRACK SEALING HMA PAVEMENT SCHEDULE								
LOCATION			LONGITUDINAL CRACKS CENTERLINE (FT)	LONGITUDINAL CRACKS EDGELINE (50% of NB & SB)	LONGITUDINAL CRACKS	TRANSVERSE CRACKS	CRACK ROUTING FOOT	CRACK FILLING POUND
NORTHBOUND								
IL 161	TO	LOWE ROAD			8400	3288	11688	4675
LOWE ROAD	TO	OLD CARYLE ROAD			2320	1296	3616	1446
OLD CARYLE ROAD		IL 127			8160	2628	10788	4315
SOUTHBOUND								
IL 127	TO	OLD CARYLE ROAD			3520	1320	4840	1936
OLD CARYLE ROAD	TO	PIPELINE ROAD			1000	648	1648	659
PIPELINE ROAD	TO	OIL FIELD ROAD			4240	1704	5944	2378
OIL FIELD ROAD	TO	IL 161			1040	1008	2048	819
CENTERLINE			31107				31107	12443
EDGELINE				31107			31107	12443
SUBTOTAL			31107	31107	28680	11892	102786	41114
SUBTOTAL (15%)				4666	4302	1783	10751	4300
TOTAL			31107	35773	32982	13675	113537	45415

PAVEMENT MARKING SCHEDULE							
LOCATION IL 127		LENGTH (FOOT)	REMARKS	THERMOPLASTIC LINE 4"			
STATION	TO STATION			WHITE	YELLOW		
				SOLID (FOOT)	SOLID (FOOT)	SKIP - DASH (FOOT)	
00+00	15+47	1547	DOUBLE NO PASS	3094	3094		
15+47	26+72	1125	SINGLE NO PASS	2250	1125	281	
26+72	43+08	1636	SKIP	3272		409	
43+08	54+05	1097	SINGLE NO PASS	2194	1097	274	
54+05	56+81	276	DOUBLE NO PASS	552	552		
56+81	68+15	1134	SINGLE NO PASS	2268	1134	284	
68+15	236+06	16791	SKIP	33582		4198	
236+06	247+55	1149	SINGLE NO PASS	2298	1149	287	
247+55	251+00	345	DOUBLE NO PASS	690	690		
251+00	262+10	1110	SINGLE NO PASS	2220	1110	278	
262+10	301+52	3942	SKIP	7884		986	
301+52	307+50	598	SINGLE NO PASS	1196	598	150	
307+50	308+04	54	DOUBLE NO PASS	108	108		
308+04	311+07	303	BOTH	606	606		
SUB - TOTALS				61608	10657	7146	
TOTALS				79411			

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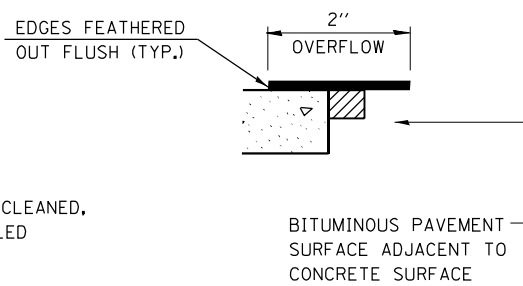
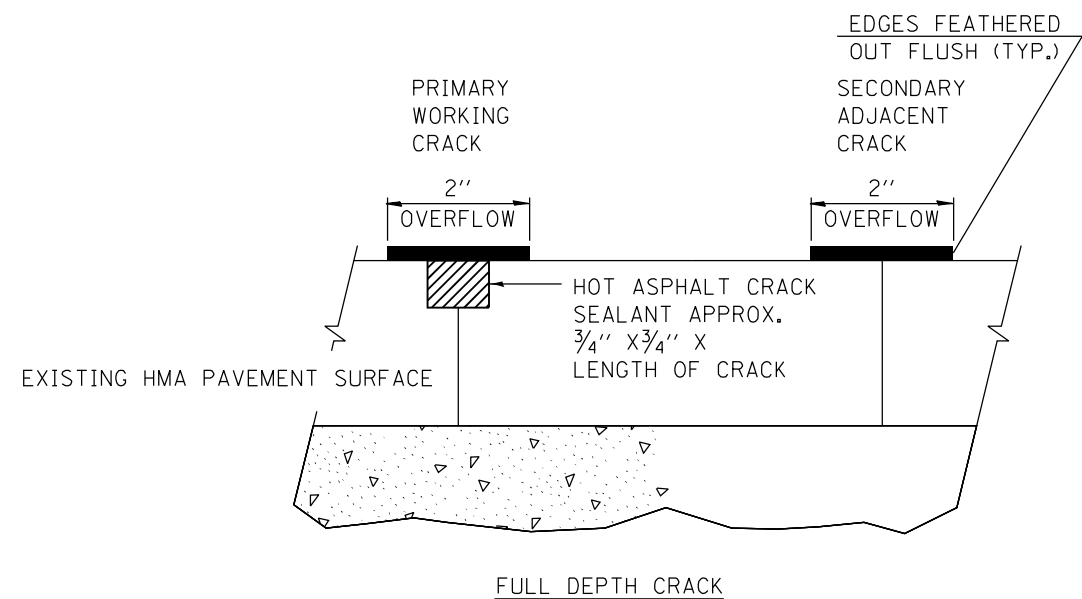
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJ5-1	CLINTON	8	7
CONTRACT NO. 76P20				
ILLINOIS FED. AID PROJECT				



ROUTED, CLEANED, AND SEALED

TRANSVERSE/LONGITUDINAL JOINT

**CRACK & JOINT SEALING DETAILS**

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DEPARTMENT OF TRANSPORTATION**

**CRACK & JOINT SEALING DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2780	128CJ5-1	CLINTON	8	8
CONTRACT NO. 76P20				
ILLINOIS FED. AID PROJECT				