

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(14-14,14-15)PP-1	CLINTON	9	1
ILLINOIS		CONTRACT NO. 76N51		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA - FAP 327 (US 50)

ADT (2019) = 6550 (ACTUAL)
ADT (2040) = 8100 (ESTIMATED)
S.U. = 3.2%
M.U. = 9.0%

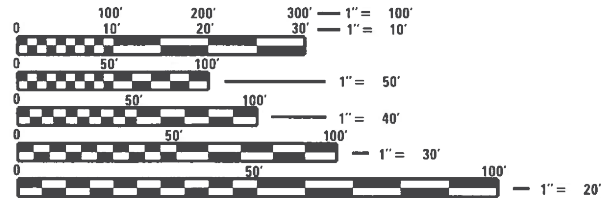
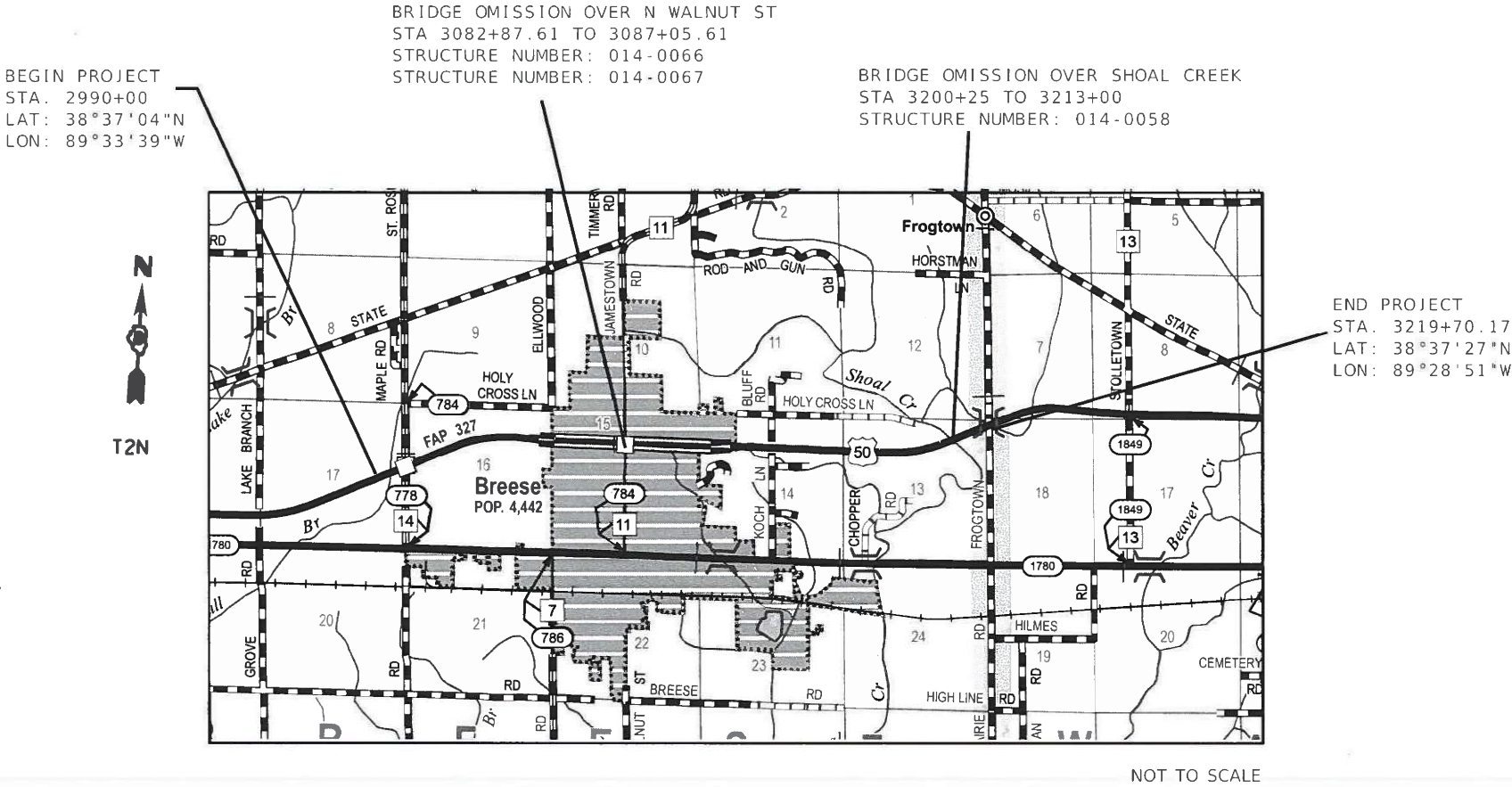
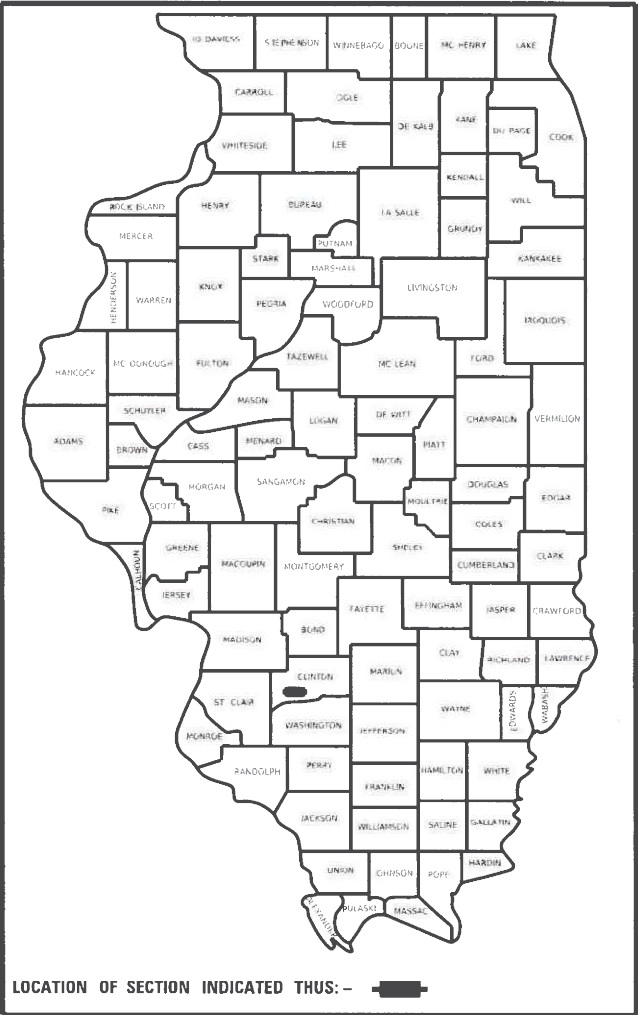
FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL

STRUCTURE NUMBER	LOCATION	STATION
014-0066	US 50 OVER N WALNUT ST	3084+99
014-0067	US 50 OVER N WALNUT ST	3084+99
014-0058	US 50 OVER SHOAL CREEK	3206+00

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 327 (US 050)
SECTION (14-14,14-15)PP-1
PATCHING
CLINTON COUNTY

C-98-099-20



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

PROJECT ENGINEER : HERVE GELIN (618) 346-3179
PROJECT MANAGER : ROBERT HUGHES (618) 346-3187

CONTRACT NO. 76N51

GROSS LENGTH OF PROJECT = 22,970.17 (4.35 MI.)
NET LENGTH = 21,277.17 FT. (4.03 MI.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 20, 2020
K. Roberts REGIONAL ENGINEER

May 8, 2020 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

1 COVER SHEET
2 GENERAL NOTES, STANDARDS, INDEX OF SHEETS, COMMITMENTS
3 SUMMARY OF QUANTITIES
4-6 TYPICAL SECTIONS
7-9 SCHEDULES

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
422001-04	CLASS A PATCHES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥45 MPH
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥45 MPH
701501-08	PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

- 1 THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-
CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY
FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE
AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED
INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G. MATH FOR THE TRADES, JOB READINESS,
TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS,
SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER
IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME
PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT
618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE
PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 2 A FLAGGER SHALL BE REQUIRED AT ALL TIMES WHEN WORKERS OR EQUIPMENT ARE ENCRoACHING
UPON THE LANE OF TRAFFIC.
- 3 NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON TWO LANE, TWO-WAY PAVEMENT.
- 4 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

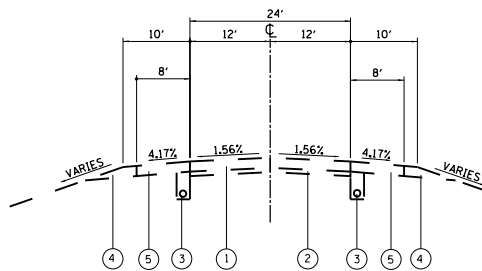
MIXTURE USE	PAR. DEPTH PATCH
AC/PG	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5
FRICTION AGG	MIXTURE "D"
QUALITY MGMT PROGRAM	QC/QA

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	CCUNTY	TOTAL SHEETS	SHEET NO.
327	(14-14,14-15)PP-1	CLINTON	9	2
		CONTRACT NO. 76N51		
ILLINOIS		FED. AID PROJECT		

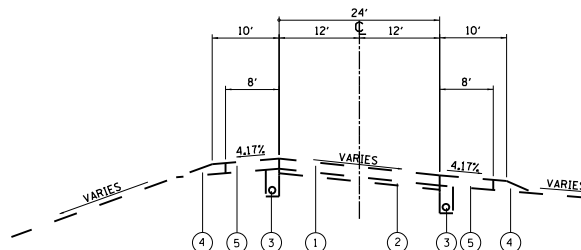
F.A.P. 327 (US 50)



EXISTING TYPICAL SECTION

STA 2978+94 TO STA 3011+89
STA 3034+06 TO STA 3042+14
STA 3109+15 TO STA 3169+28

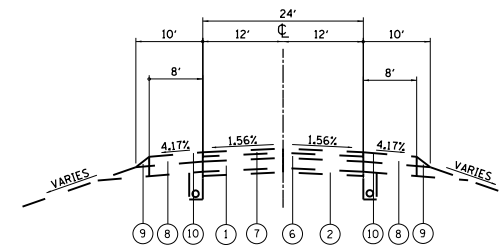
F.A.P. 327 (US 50)



EXISTING TYPICAL SECTION

STA 3011+89 TO STA 3034+06
STA 3169+89 TO STA 3190+25
BRIDGE OMISSION STA 3190+25 TO STA 3214+42.17

F.A.P. 327 (US 50)



EXISTING TYPICAL SECTION

STA 3214+42.17 TO STA 3219+70.17

LEGEND

- | | |
|--|---|
| ① EXISTING CRPCC PAVEMENT 7", 8", OR 9" (SEE SCHEDULE) | ⑥ EXISTING HMA BINDER COURSE, IL 19.0 N90, 2 1/4" |
| ② EXISTING STABILIZED SUB-BASE CAM II 4" | ⑦ EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2" |
| ③ EXISTING PIPE UNDERDRAINS 4" | ⑧ EXISTING HMA SHOULDER, 3 3/4" |
| ④ EXISTING AGGREGATE SHOULDER TYPE B | ⑨ EXISTING AGGREGATE SHOULDER WEDGE |
| ⑤ EXISTING P.C. CONCRETE SHOULDER 7", 8", OR 9" (SEE SCHEDULE) | ⑩ EXISTING SHOULDER RUMBLE STRIP |

CRPCC PAVEMENT THICKNESS SCHEDULE			
STATION	TO	STATION	DEPTH
2772+65	TO	2980+26	8"
2980+26	TO	3005+50	9"
3005+50	TO	3037+49	8"
3037+49	TO	3074+35	8"
3078+52	TO	3117+70	8"
3117+70	TO	3144+47	7"
3144+47	TO	3190+25	7"
3190+25	TO	3219+70	8"

USER NAME	DESIGNED	REVISED
DRAWN	REVISED	REVISED
PLOT SCALE	CHECKED	REVISED
PLOT DATE	DATE	REVISED

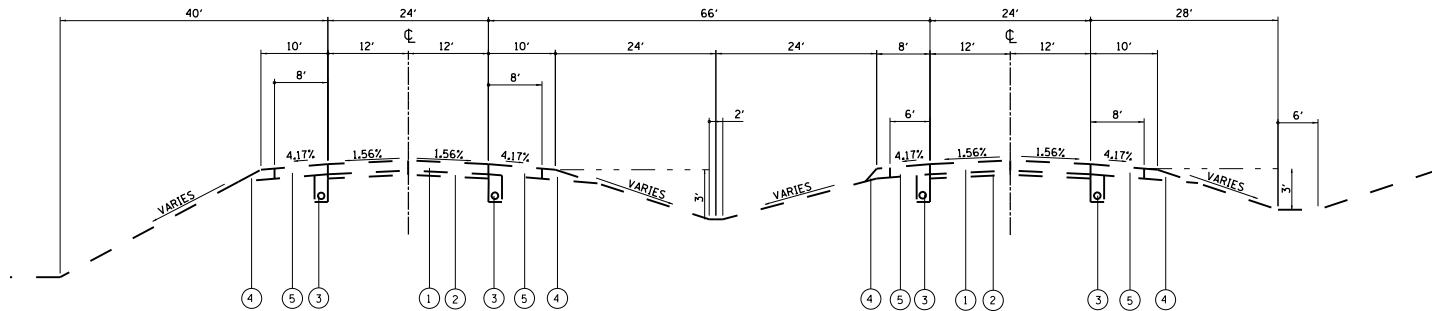
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 3 SHEETS STA, 2990+00 TO STA, 3219+70.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(14-14, 14-15) PP-1	CLINTON	9	4
CONTRACT NO. 76N51				
ILLINOIS FED. AID PROJECT				

F.A.P. 327 (US 50)



EXISTING TYPICAL SECTION

STA 3042+14 TO STA 3074+35
BRIDGE OMISSION STA 3074+35 TO STA 3078+52
STA 3078+52 TO STA 3109+15

LEGEND

- | | |
|--|---|
| ① EXISTING CRPCC PAVEMENT 7", 8", OR 9" (SEE SCHEDULE) | ⑥ EXISTING HMA BINDER COURSE, IL 19.0 N90, 2 1/4" |
| ② EXISTING STABILIZED SUB-BASE CAM II 4" | ⑦ EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2" |
| ③ EXISTING PIPE UNDERDRAINS 4" | ⑧ EXISTING HMA SHOULDER, 3 3/4" |
| ④ EXISTING AGGREGATE SHOULDER TYPE B | ⑨ EXISTING AGGREGATE SHOULDER WEDGE |
| ⑤ EXISTING P.C. CONCRETE SHOULDER 7", 8", OR 9" (SEE SCHEDULE) | ⑩ EXISTING SHOULDER RUMBLE STRIP |

CRPCC PAVEMENT THICKNESS SCHEDULE			
STATION	TO	STATION	DEPTH
2772+65	TO	2980+26	8"
2980+26	TO	3005+50	9"
3005+50	TO	3037+49	8"
3037+49	TO	3074+35	8"
3078+52	TO	3117+70	8"
3117+70	TO	3144+47	8"
3144+47	TO	3190+25	7"
3190+25	TO	3219+70	8"

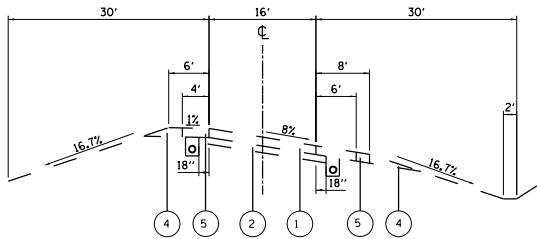
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(14-14, 14-15) PP-1	CLINTON	9	5
CONTRACT NO. 76N51				
ILLINOIS FED. AID PROJECT				

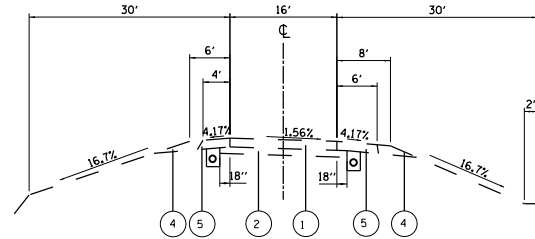
SCALE: NTS SHEET 2 OF 3 SHEETS STA. 2990+00 TO STA. 3219+70.17

SUPERELEVATED RAMP



EXISTING TYPICAL SECTION

RAMP TANGENT



EXISTING TYPICAL SECTION

4:1 for cuts 10ft or less
3:1 for cuts 10 ft to 20 ft
2:1 for cuts over 20ft

4:1 for cuts 10ft or less
3:1 for cuts 10 ft to 20 ft
2:1 for cuts over 20ft

LEGEND

- ① EXISTING CRPCC PAVEMENT 7", 8", OR 9" (SEE SCHEDULE) ⑥ EXISTING HMA BINDER COURSE, 1L 19.0 N90, 2 1/4"
② EXISTING STABILIZED SUB-BASE CAM II 4" ⑦ EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
③ EXISTING PIPE UNDERDRAINS 4" ⑧ EXISTING HMA SHOULDER, 3 3/4"
④ EXISTING AGGREGATE SHOULDER TYPE B ⑨ EXISTING AGGREGATE SHOULDER WEDGE
⑤ EXISTING P.C. CONCRETE SHOULDER 7", 8", OR 9" (SEE SCHEDULE) ⑩ EXISTING SHOULDER RUMBLE STRIP

CRPCC PAVEMENT THICKNESS SCHEDULE			
STATION	TO	STATION	DEPTH
2772+65	TO	2980+26	8"
2980+26	TO	3005+50	9"
3005+50	TO	3037+49	8"
3037+49	TO	3074+35	8"
3078+52	TO	3117+70	8"
3117+70	TO	3144+47	8"
3144+47	TO	3190+25	7"
3190+25	TO	3219+70	8"

USER NAME	hughes	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	3.0000" / 1" BL.	CHECKED	-	REVISION	-
PLOT DATE	3/20/2020	DATE	-	REVISION	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 3 SHEETS STA. 2900+00 TO STA. 3219+70.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(14-14,14-15)PP-1	CLINTON	9	6
CONTRACT NO. 76N51				
ILLINOIS FED. AID PROJECT				

MODEL: PRODEMO03
PROJECT: 876NS1
FILE NAME: pw:\planroom_dot_all\ncs.gov\PWIDOT\Documents\IDOT_Offices\District_8\Projects\876NS1\CADData\CADsheets\876NS1-shi-schedule.doc

[illegible]

PAVEMENT MARKING SCHEDULE						
LOCATION	PAINT PAVEMENT MARKING - LINE 4"				RAISED REFLECTIVE PAVEMENT	
	SOLID WHITE	SOLID YELLOW	SKIP DASH WHITE	SKIP DASH YELLOW		
	(FT)	(FT)	(FT)	(FT)	AMBER	CRYSTAL
US 50 EB/WB						
2990+92	12.0			10	1	
2996+80	16.0	32			1	
2999+94	24.0					
2999+94	12.0	24			1	
3000+22	24.0					
3000+44	24.0					
3000+61	12.0	24			1	
3001+82	12.0	24			1	
3002+07	12.0	24			1	
3004+57	20.0	40			1	
3049+39	12.0	12			1	
3051+00	30.0		10			1
3052+86	12.0		10			1
3053+39	12.0		10			1
3056+76	12.0		10			1
3056+92	12.0		10			1
3065+39	12.0					
3067+98	80.0					
3072+69	12.0			10	1	
3078+67	12.0		10			1
3083+00	12.0			10	1	
3083+00	12.0		10			1
3083+65	12.0			10	1	
3084+47	12.0		10			1
3084+77	12.0			10	1	
3084+77	12.0		10			1
3086+71	12.0		10			1
3087+03	12.0		10			1
3088+45	12.0			10	1	
3090+42	12.0			10	1	
3091+15	12.0		10			1
3093+70	8.0		10			1
3095+02	12.0		10			1
3095+02	12.0			10	1	
3097+52	12.0		10			1
3104+75	12.0			10	1	
3104+75	12.0			10	1	
3108+75	12.0		10			1
3117+02	14.0		10			1
3123+13	70.0			20	1	
3134+07	12.0			10	1	
3158+07	12.0			10	1	
SUBTOTAL #1:	694	180	170	140	20	17

PAVEMENT MARKING SCHEDULE							
LOCATION		PAINT PAVEMENT MARKING - LINE 4"				RAISED REFLECTIVE PAVEMENT MARKERS	
		SOLID WHITE	SOLID YELLOW	SKIP DASH WHITE	SKIP DASH YELLOW		
						(FT)	(FT)
US 50 EB/WB							
3159+60	12.0				10.0	1	
3159+60	12.0				10.0	1	
3160+91	12.0				10.0	1	
3161+16	12.0				10.0	1	
3164+76	12.0				10.0	1	
3165+14	12.0				10.0	1	
3165+35	12.0				10.0	1	
3168+88	12.0				10.0	1	
3199+47	12.0				10.0	1	
3199+47	12.0				10.0	1	
RAMP A JAMESTOWN RD. TO WB US 50							
1+14	25.0	25.0					
1+49	16.0	16.0					
RAMP B EB US 50 TO JAMESTOWN RD.							
4+30	16.0	16.0					
4+60	6.0	6.0					
5+50	16.0	16.0					
5+96	16.0	16.0					
6+30	16.0	16.0					
17+15	40.0	40.0					
17+15	20.0	20.0					
RAMP C WB US 50 TO JAMESTOWN RD.							
2+58	16.0	16.0					
4+49	16.0	16.0					
17+00	16.0	16.0					
19+34	30.0	30.0					
19+60	30.0	30.0					
RAMP D JAMESTOWN RD TO EB US 50							
0+00	20.0	20.0					
+70	12.0	12.0					
+92	16.0	16.0					
5+30	16.0	16.0					
5+60	16.0	16.0					
6+30	16.0	16.0					
6+70	16.0	16.0					
7+10	16.0	16.0					
8+30	16.0	16.0					
8+50	16.0	16.0					
8+80	16.0	16.0					
9+60	16.0	16.0					
10+00	16.0	16.0					
10+35	16.0	16.0					
12+50	16.0	16.0					
SUBTOTAL #2:	639	519	0	100	10		
SUBTOTAL #1:	694	180	170	140	20	17	
FAILURES (10%):	133	70	17	24	3	2	
TOTAL:	1466	769	187	264	33	19	

USER NAME = hughesrd	DESIGNED - ____	REVISED - ____
	DRAWN - ____	REVISED - ____
PLOT SCALE = 3.0509' / in.	CHECKED - ____	REVISED - ____
PLOT DATE = 3/20/2020	DATE - ____	REVISED - ____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF PLANS				
SCALE; NTS	SHEET 3	OF 3	SHEETS	STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 76N51		
	ILLINOIS	FED. AID PROJECT		