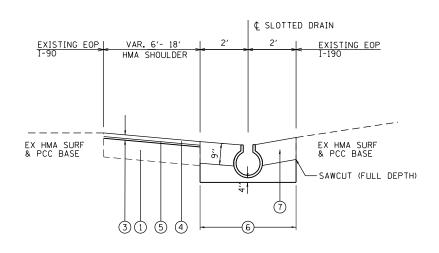


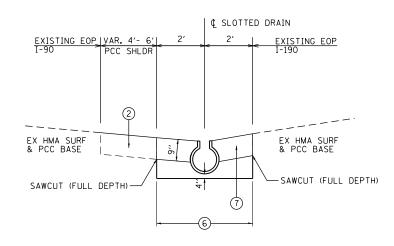
STA. 143+55 TO 145+28.3



STA. 145+28.3 TO 147+57.3

LEGEND

- 1) EXISTING HMA SHOULDER
- 2 EXISTING PCC SHOULDER
- 3 PROP. HOT-MIX ASHAPLT SURFACE REMOVAL, VARIABLE DEPTH
- 4 PROP. HMA SURFACE COURSE, MIX "D", N70, $1\frac{1}{2}$ "
- (5) PROP. HMA BINDER COURSE, IL 19.0, N70, 21/4"
- 6 12" SLOTTED DRAIN INCLUDING A 4" AGGREGATE BASE COURSE MATERIAL TYPE B
- 7 9" PCC GUTTER



STA. 147+57.3 TO 150+21.0

PROPOSED SLOTTED DRAIN GRADES

STATION I-190 EOP I-190 EDGE SD SLOTTED DRAIN I-90 EDGE SD I-90 EOP NOT	NOTES	
STATION EXISTING EXISTING PROPOSED EXISTING PROPOSED EXISTING PROPOSED EXISTING	LJ	
143+48.0 636.11 635.96 636.01 636.26 BEGIN C	ONCRETE	
143+55.0 636.08 635.92 635.94 635.86 635.88 635.98 635.99 636.27 BEGIN SLOT	TTED DRAIN	
144+00.0 635.89 635.90 635.86 635.71 635.86 635.79 635.92 636.32		
144+50.0 635.92 635.77 635.85 635.76 635.84 635.88 635.92 636.39		
144+94.0 636.05 635.84 635.87 635.73 635.82 635.93 635.92 636.48 11 1/4 DE	GREE BAND	
145+00.0 636.06 635.84 635.87 635.74 635.81 635.92 635.90 636.49		
145+28.3 636.11 635.98 635.98 635.76 635.80 635.89 635.87 636.49 RECONSTRUC	CT MANHOLE	
145+50.0 636.15 636.04 635.90 636.09 635.98 636.65		
146+00.0 636.29 636.33 636.12 636.35 636.21 636.76		
146+50.0 636.54 636.55 636.35 636.51 636.42 636.81		
147+00.0 636.66 636.64 636.57 636.69 636.62 636.85		
147+50.0 636.87 636.79 636.80 636.83 636.84 636.98		
147+57.3 636.89 636.81 636.83 636.85 637.00 RECONSTRUC	CT MANHOLE	
148+00.0 637.04 636.89 636.90 636.93 637.04		
148+50.0 637.12 637.07 636.98 637.07 637.06		
149+00.0 637.22 637.22 637.06 637.21 637.20		
149+50.0 637.33 637.32 637.14 637.32 637.31		
150+00.0 637.41 637.24 637.22 637.25 637.27		
150+21.0 637.26 RECONSTRUC	CT MANHOLE	

NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE.

PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET.

THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.

CONCRETE FROM ENTERING THE FIFE.

THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REDUIREMENTS OF AASHTO M-36/ASTM A 760. THE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL TYPE 2. STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M-111. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN PIPE, AND SHALL INCLUDE ELBOWS.

USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF PIPE.

DIMENSIONS ARE SUBJECT TO THE FOLLOWING MANUFACTURING TOLERANCES:

- 1. VERTICAL BOW ±3/8"

2. HORIZONTAL BOW ± 1/8" 3. TWIST $\pm \frac{1}{2}$ "

THE REMOVAL OF THE EXISTING SLOTTED DRAIN SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL

THE 4" AGGREGATE BASE COURSE MATERIAL TYPE B AND 9" PCC GUTTER ARE INCLUDED IN THE COST OF THE SLOTTED DRAIN.

ALL TRAFFIC CONTROL DEVICES AND ADVANCED SIGNING FOR THE PROPOSED SLOTTED DRAIN WORK SHALL BE PLACED ACCORDING TO STATE HIGHWAY STANDARDS 701400 AND 701401.

ALL SLOTTED DRAIN WORK SHALL BE PERFORMED DURING NIGHTTIME HOURS AS OUTLINED IN THE SPECIAL PROVISIONS. DURING DAYTIME HOURS, ALL OPEN HOLES SHALL BE COVERED WITH A STEEL PLATE AND THE GORE AREA SHALL BE BARRICADED. BOTH STEEL PLATES AND BARRICADES SHALL BE INSTALLED PER THE SATISFACTION OF THE ENGINEER. THE COST OF THE STEEL PLATE AND ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).

GRAEF 8501 W. Higgins Road: Suite 2

	USER NAME = 1485	DESIGNED	-	EF	REVISED -	
80		DRAWN	-	EF	REVISED -	
	PLOT SCALE = 40.000 '/ in.	CHECKED	-	RS	REVISED -	
	PLOT DATE = 10/15/2012	DATE	-	09/21/2012	REVISED -	
						_

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20"

					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					190	(0101.6 & 0102.5)RS-2	соок	86	31	
					CONTRACT NO. 601					
	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILL INOIS FED	. AID PROJECT		