

09-21-2018 LETTING ITEM 020

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(123) CR	MASON	8	1

CONTRACT NO. 72K70

INDEX OF SHEETS

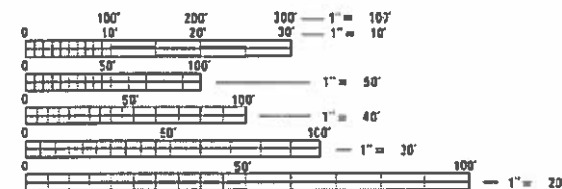
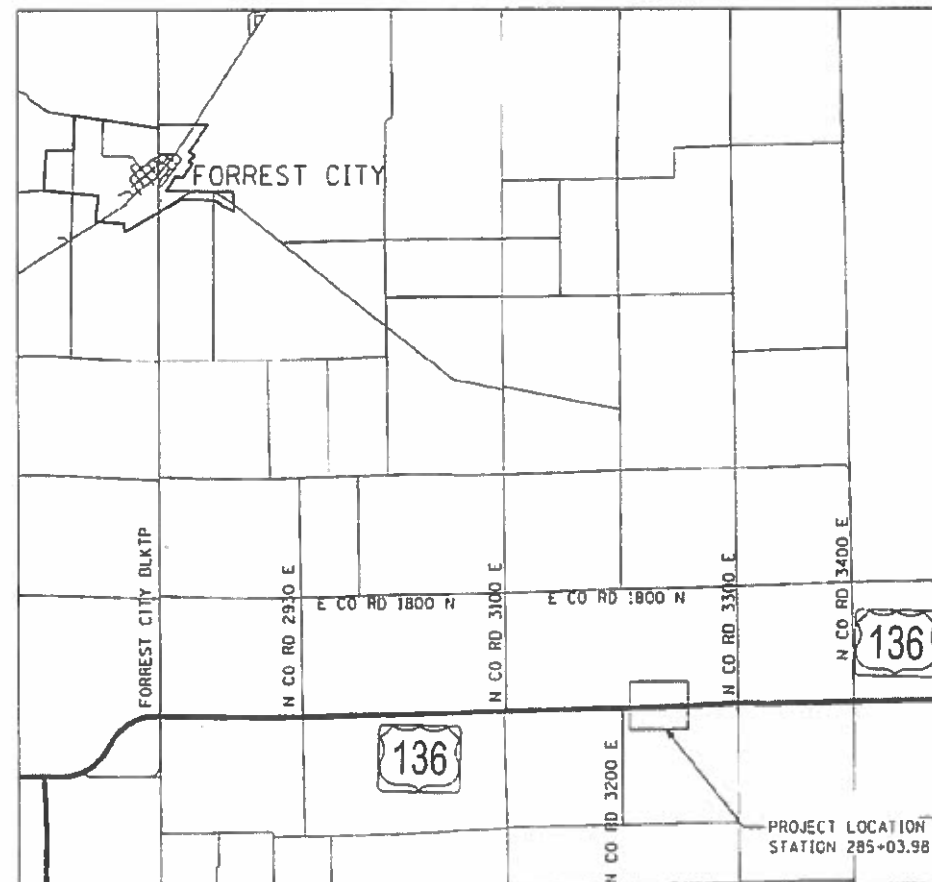
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTION
- 5 PLAN SHEET
- 6-8 CROSS SECTIONS

PROPOSED HIGHWAY PLANS

FAP 315 (US 136)
SECTION (123) CR

INSTALL PIPE CULVERT
MASON COUNTY

C-96-104-18



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: MIKE IRWIN
PROJECT MANAGER:

CONTRACT NO. 72K70

GROSS LENGTH = x.xx FT. = x.xxx MILE
NET LENGTH = x.xx FT. = x.xxx MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 28, 2018

Jeffrey M. Smith
REGIONAL ENGINEER

Aug 17, 2018
Paul P. Chif
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 17, 2018
Paul P. Chif
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THIS PROJECT IS LOCATED ON ROUTE US 136 IN MASON COUNTY WITHIN REGION 4-DISTRICT 6. THE WORK INCLUDED IN THIS SECTION CONSISTS OF THE INSTALLATION OF A CROSS-ROAD CULVERT AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.
2. REMOVAL OF MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.
3. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
4. 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. (PH. 800-892-0123) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
5. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS EXPENSE. SEEDING CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1, SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 AND STEEPER.

HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVEIATIONS AND PATTERNS |
| 542306-03 | PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION |
| 442201-03 | CLASS C PATCHES |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH |
| 701901-07 | TRAFFIC CONTROL DEVICES |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	<u>June 28th</u> 20 <u>18</u>
	<u>[Signature]</u> ENGINEER OF OPERATIONS
EXAMINED	<u>June 7th</u> 20 <u>18</u>
	<u>[Signature]</u> ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	<u>June 11</u> 20 <u>18</u>
	<u>[Signature]</u> ENGINEER OF PROGRAM DEVELOPMENT

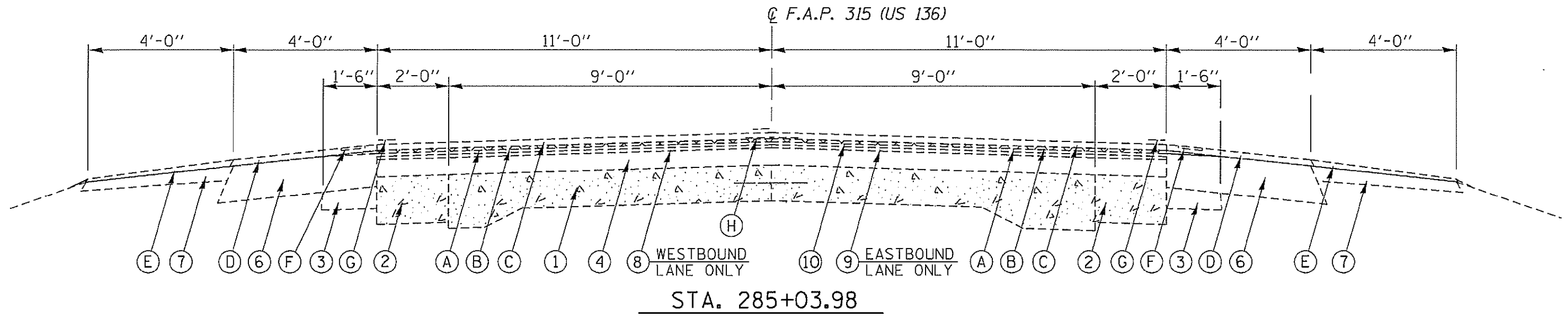
USER NAME = JCKER PLOT SCALE = 1/8" = 1000' PLOT DATE = 6/27/2018	DESIGNED = DRAWN = CHECKED = DATE =	REVISED = REVISED = REVISED = REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INSTALL PIPE CULVERT US 136 MASON COUNTY	F.A.P. RTE. 315	SECTION (123) CR	COUNTY MASON	TOTAL SHEETS 8	SHEET NO. 2	CONTRACT NO. 72K70 ILLINOIS FED. AID PROJECT
				SCALE	SHEET 2	OF 8	SHEETS	STA	TO STA	

PROJECT: 72K70-01-02
 FILE NAME: \\GIS\GISE\BIDDING\mason\proj\72K70\72K70-01-02\72K70-01-02-02.dwg
 PLOT DATE: 6/27/2018 10:45:00 AM
 PLOT SCALE: 1/8" = 1000'
 PLOT USER: JCKER

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				PIPE CULVERT 0044 RURAL
20200100	EARTH EXCAVATION	CU YD	36	36
20800150	TRENCH BACKFILL	CU YD	10	10
28100125	STONE RIPRAP, CLASS B3	SQ YD	281	281
28200200	FILTER FABRIC	SQ YD	281	281
44201431	CLASS C PATCHES, TYPE III, 16 INCH	SQ YD	19	19
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	45	45
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2	2
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1

MODEL DRAWING FOR INFORMATION ONLY. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION. ANY REVISIONS TO THIS DRAWING SHALL BE MADE BY THE DESIGNER. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

USER NAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INSTALL PIPE CULVERT US 136 MASON COUNTY		F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLGT SCALE	DRAWN -	REVISED -		SCALE	SHEET 3 OF 8 SHEETS	STA	315	(123) CR	MASON	8	3
PLGT DATE	CHECKED -	REVISED -		TO STA	CONTRACT NO. 72K70						
	DATE	REVISED -	ILLINOIS FED AID PROJECT								



STA. 285+03.98

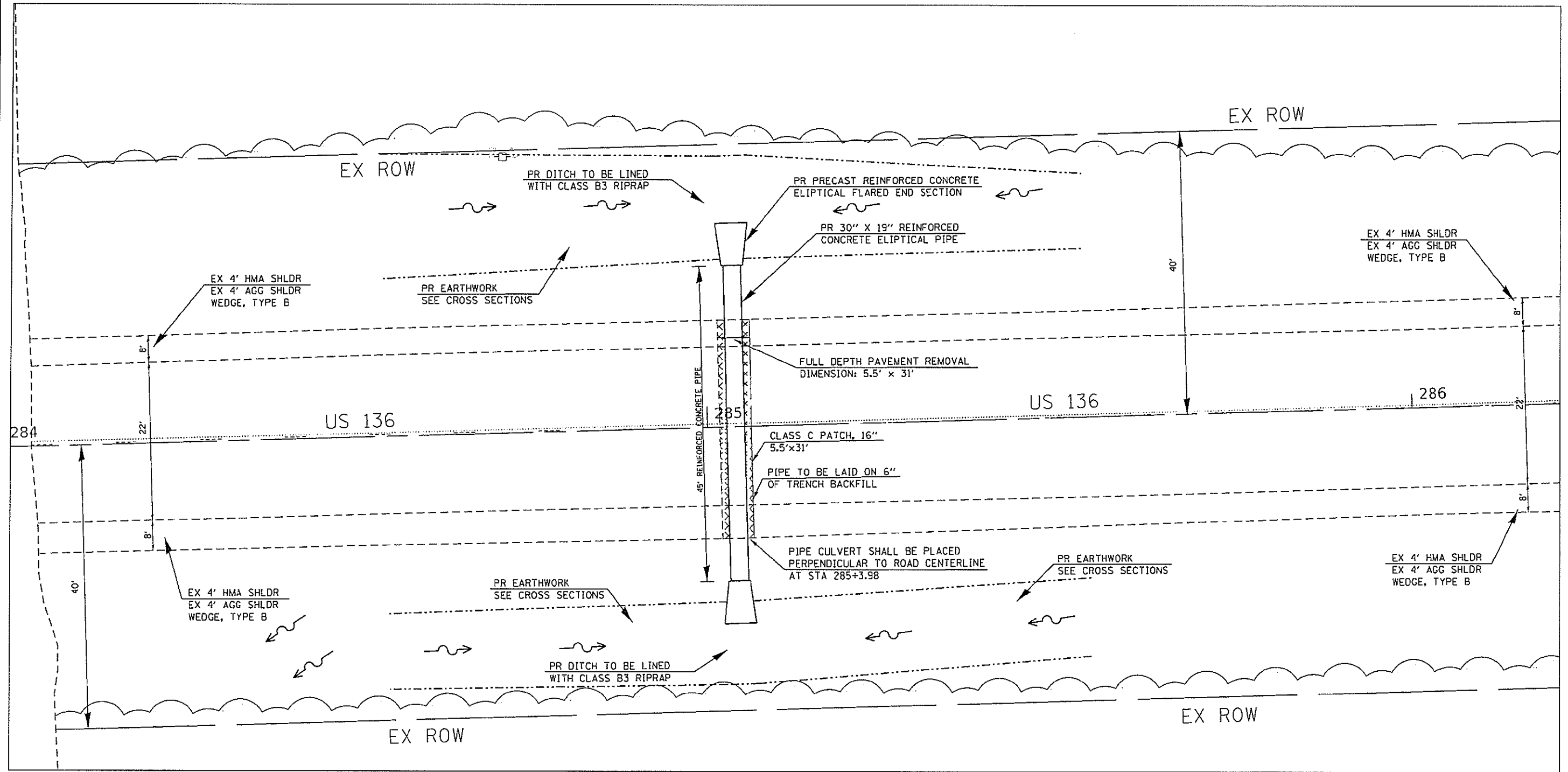
- (A) EXISTING HMA SURFACE REMOVAL, 3/4"
- (B) EXISTING LEVELING BINDER (MM), IL 9.5 FG, N50 (3/4")
- (C) EXISTING HMA SURFACE COURSE, MIX "C", N50 (1 1/2")
- (D) EXISTING HMA SHOULDERS, 1 1/2"
- (E) EXISTING AGGREGATE SHOULDER WEDGE, TYPE B
- (F) EXISTING RUMBLE STRIP, 8"
- (G) EXISTING PAINT PAVEMENT MARKING - LINE 5"
- (H) EXISTING LONGITUDINAL JOINT SEALANT (18" WIDTH)

- (1) EXISTING P.C.C. PAVEMENT, 9"-6"-9"
- (2) EXISTING P.C.C. BASE COURSE WIDENING, 8"
- (3) EXISTING HMA SHOULDER, ± 3" (REMNANT FROM SECTION (123)I-1, (2014))
- (4) EXISTING HMA SURFACE COURSE, ±6 1/2"
- (5) EXISTING TYPE A CONCRETE GUTTER (MODIFIED)
- (6) EXISTING HMA SHOULDERS, 6 1/2"
- (7) EXISTING AGGREGATE WEDGE SHOULDER, TYPE B (AVG. DEPTH = 2")
- (8) EXISTING SAND ANTI FRACTURE LAYER, 3/4"
- (9) EXISTING LEVELING BINDER, 3/4"
- (10) EXISTING HMA SURFACE COURSE, 1 1/2"

LEGEND

- (11) EXISTING HMA SURFACE REMOVAL, 3/4"
- (12) EXISTING LEVELING BINDER (MM), IL 9.5 FG, N50 (3/4")
- (13) EXISTING HMA SURFACE COURSE, MIX "C", N50 (1 1/2")
- (14) EXISTING HMA SHOULDERS, 1 1/2"
- (15) EXISTING AGGREGATE SHOULDER WEDGE, TYPE B
- (16) EXISTING RUMBLE STRIP, 8"
- (17) EXISTING PAINT PAVEMENT MARKING - LINE 5"
- (18) EXISTING LONGITUDINAL JOINT SEALANT (18" WIDTH)

USER NAME = jsc/ea PLOT SCALE = 40/2000 PLOT DATE = 6/27/2013	DESIGNED -	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INSTALL PIPE CULVERT US 136 MASON COUNTY			F.A.P. RTE. 315	SECTION (123) CR	COUNTY	TOTAL SHEETS 8	SHEET NO. 4
	DRAWN -	REVISIONS		SCALE	SHEET 4	OF 8 SHEETS	STA	TO STA	CONTRACT NO 72K70 ILLINOIS FED. AID PROJECT		



ROAD DISTRICT
 FILE NAME: 72K70-AD-PROJECT-PLAN-5
 PROJECT: ILLINOIS STATE ROAD DISTRICT 136 MASON COUNTY
 DATE: 11/28/2013

USER NAME	DESIGNED	REVISIONS
136/136	-	-
DRAWN	REVISIONS	-
-	-	-
CHECKED	REVISIONS	-
-	-	-
DATE	REVISIONS	-
11/28/2013	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INSTALL PIPE CULVERT
US 136 MASON COUNTY

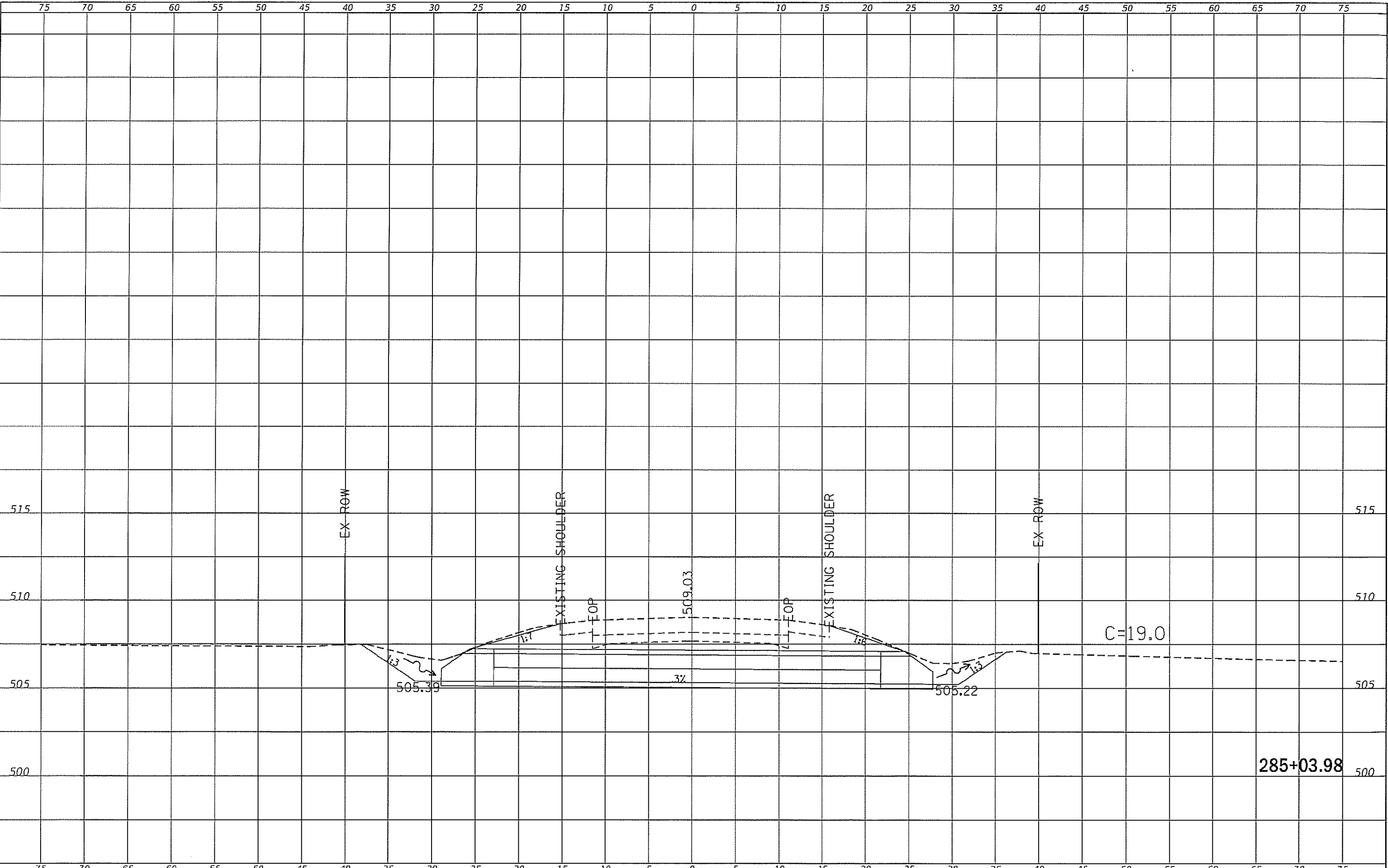
SCALE: SHEET 5 OF 8 SHEETS STA: _____ TO STA: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(123) CR	MASON	8	5
CONTRACT NO 72K70				
ILLINOIS FFD. AD. PROJECT				

DATE	
BY	
SURVEY	
ADJUSTED	
PROVED	
REVISION	
DATE	

DATE	
BY	
SURVEY	
ADJUSTED	
PROVED	
REVISION	
DATE	

MODEL: D:\m... FILE NAME: ...



USER NAME = JENVA	DESIGNED -	REVISED -
PLCOT SCALE = 10' 00" = 1"	DRAWN -	REVISED -
PLCOT DATE = 3/27/2010	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INSTALL PIPE CULVERT
US 136 MASON COUNTY

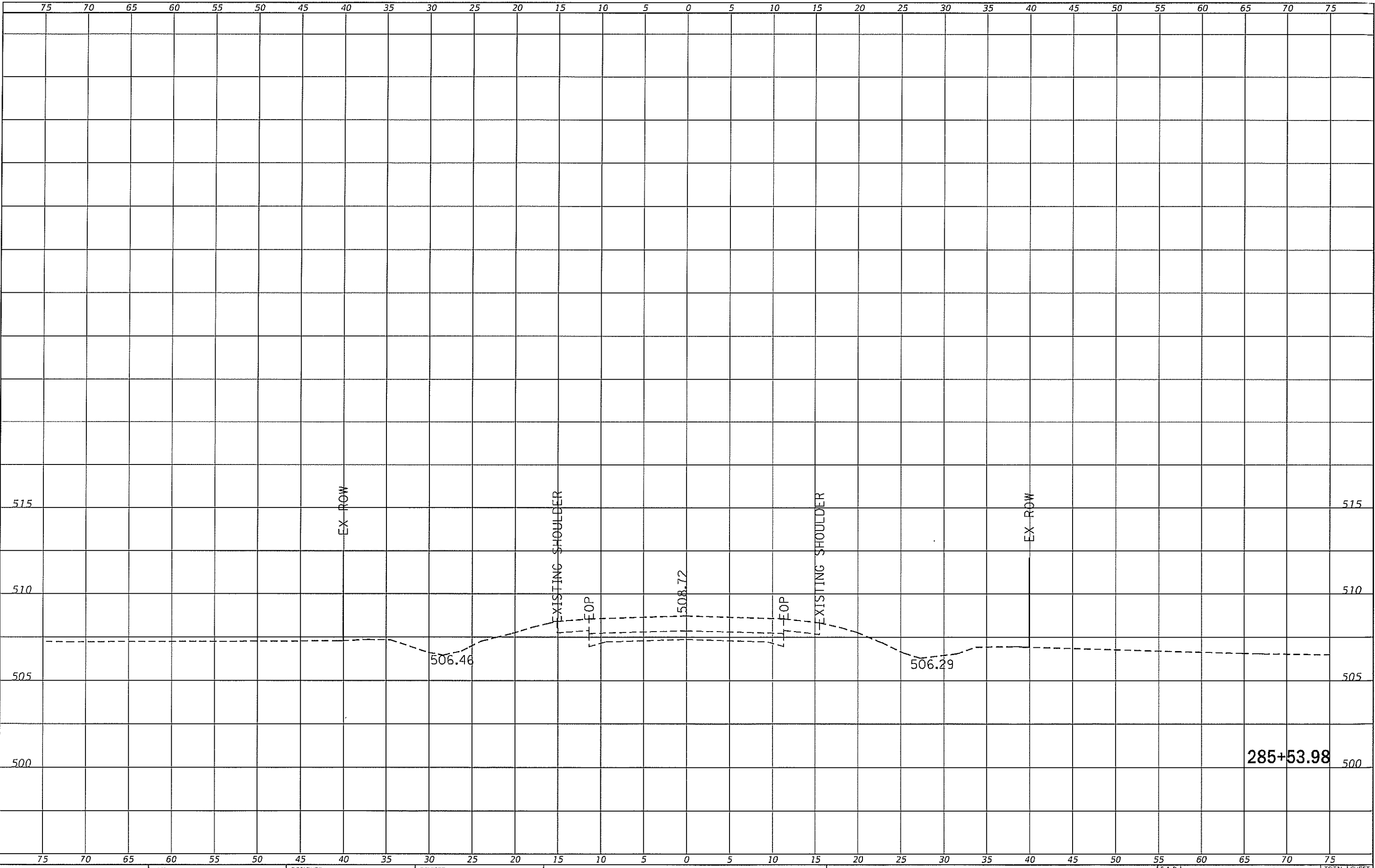
SCALE: SHEET 7 OF 8 SHEETS STA 285+03.98 TO STA 285+03.98

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(123) CR	MASON	8	7
CONTRACT NO. 72K70			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SUPPARED	
PROJECT	
PLANT	
DATE	
NO.	

DATE	
BY	
SUPPARED	
PROJECT	
PLANT	
DATE	
NO.	

PROJECT: US 136 MASON COUNTY CR PROJECT
 DRAWING NO: 285+53.98
 DATE: 02/27/2018
 USER: JACOB



285+53.98

USER NAME	DESIGNED	REVISIONS
DATE	CHECKED	REVISIONS
DATE	DATE	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INSTALL PIPE CULVERT
US 136 MASON COUNTY

SCALE: SHEET 3 OF 8 SHEETS STA. 285+53.98 TO STA. 285+53.98

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(123) CR	MASON	8	8
CONTRACT NO. 72K70			ILLINOIS FED. AID PROJECT	