

059

04-24-2020 LETTING ITEM 059

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1610	(22,23) DR	MORG/SCOTT	9	1
ILLINOIS			CONTRACT NO. 72L60	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

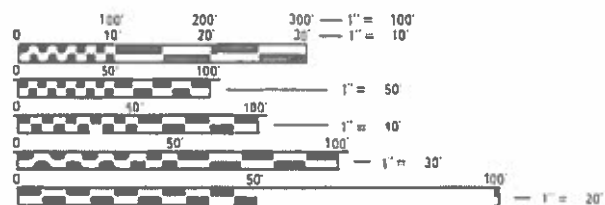
PROPOSED IMPROVEMENTS

FAS1610 (OLD US 36)
SECTION (22,23) DR
REPLACE CMP CULVERTS

MORGAN/SCOTT CO.

C-96-045-20

OLD US 36 (2019)
ADT = 3400
SU = 180
MU = 70



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.

JULIE.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

SEE SHEET 4 FOR
LOCATION MAP

PROJECT ENGINEER : MIKE IRWIN -- (217)524-7765
PROJECT MANAGER : TIM SHARP -- (217)524-9160

CONTRACT NO. 72L60

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 6, 2020

[Signature]
REGION FOUR ENGINEER

March 20, 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION³



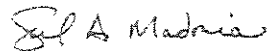
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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURE
3.	SUMMARY OF QUANTITIES
4.	PROJECT LOCATION MAP
5.	SCHEDULE OF QUANTITIES
6-8.	LOCATION MAPS
9.	TYPICAL SECTIONS

STANDARDS

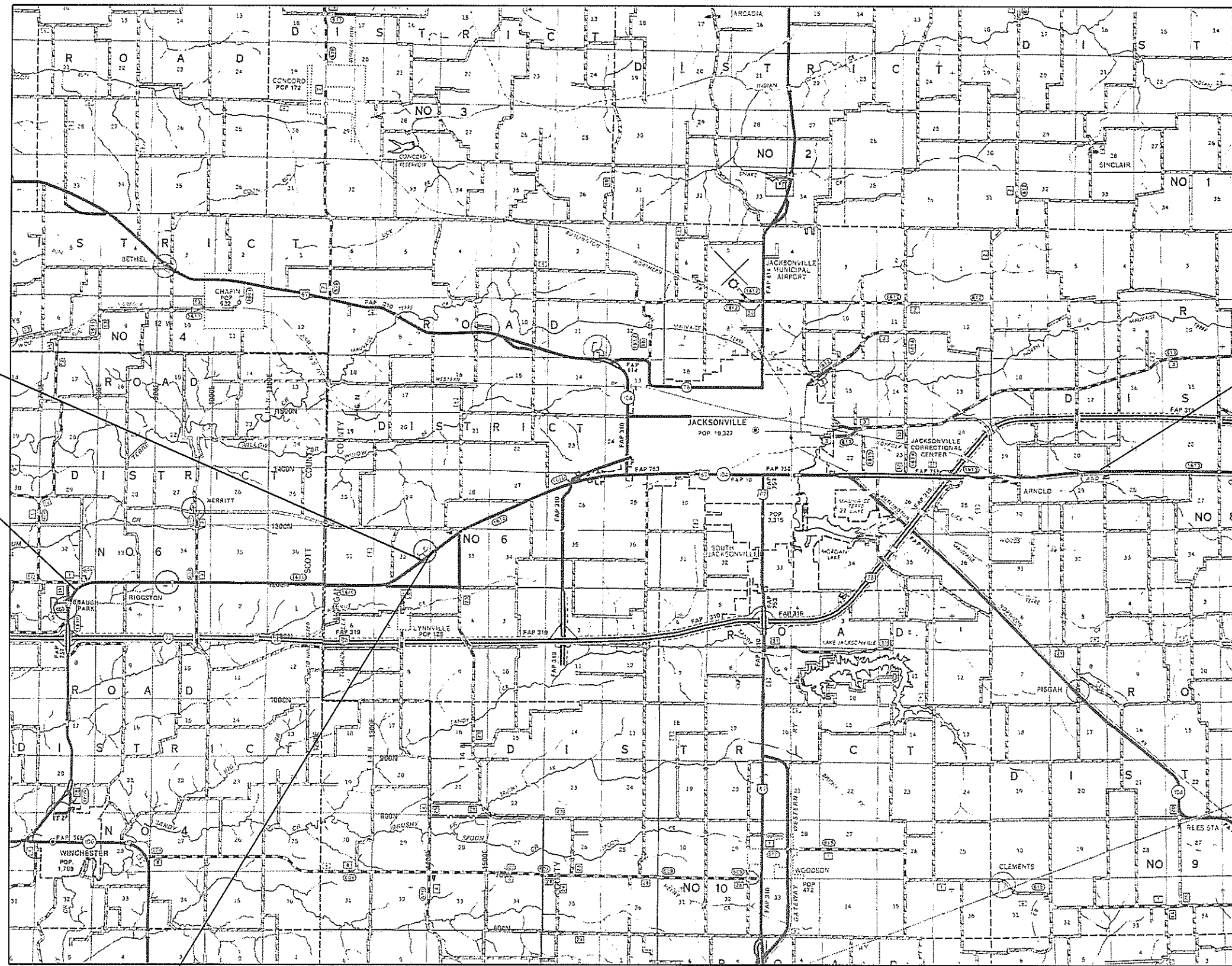
STANDARD NO.	DESCRIPTION
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED _____ 20 _____	
	ENGINEER OF OPERATIONS
EXAMINED _____ 20 _____	
	ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED _____ 20 _____	
	ENGINEER OF PROGRAM DEVELOPMENT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02174-6024	0-02174-6024
				CONSTR. CODE	CONSTR. CODE
				100% STATE	100% STATE
				MORGAN	SCOTT
				PIPE CULVERT	PIPE CULVERT
				0004	0004
				RURAL	RURAL
20800150	TRENCH BACKFILL	CU YD	250	200	50
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	22	0	22
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	270	270	0
50104400	CONCRETE HEADWALL REMOVAL	EACH	8	6	2
50105220	PIPE CULVERT REMOVAL	FOOT	229	170	59
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	218	159	59
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	8	6	2
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5

R 10 W

T 16 N



LOCATION #2
STA. 500+49

LOCATION #1
STA. 314+79

LOCATION #3
STA. 510+78

LOCATION #4
STA. 118+38

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

USER NAME = shajp1d	DESIGNED -	REVISED -
PLOT SCALE = 4000' = 1" = 1/4"	DRAWN -	REVISED -
PLOT DATE = 2/6/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1610	(23.24) DR	MORG/SCOTT	9	4
				CONTRACT NO. 72L60
ILLINOIS FED AID PROJECT				

I:\Projects\72L60\72L60.DWG - F.A.S. 1610 (01) DUS 361 - MORGAN/SCOTT CO - DRAWN BY: shajp1d, DATE: 2/6/2020

PATCHING SCHEDULE						
LOCATION	STATION	ROAD		AREA	CLASS C, TY II, 13"	CLASS C, TY IV, 13"
		LENGTH (FT)	WIDTH (FT)	SQ YD	SQ YD	SQ YD
OLD US 36	314+79 LT	7.00	14.00	10.89	10.89	
	314+79 RT	7.00	14.00	10.89	10.89	
	500+49 LT	30.00	16.50	55.00		55.00
	500+49 RT	30.00	16.50	55.00		55.00
	510+78 LT	20.00	15.00	33.33		33.33
	510+78 RT	20.00	15.00	33.33		33.33
	118+38 LT	30.00	14.00	46.67		46.67
	118+38 RT	30.00	14.00	46.67		46.67
TOTAL:					22.00	270.00



EXIST. CMP 59 L.F
0°SKEW
AND HEADWALLS
TO BE REMOVED

LOCATION #1
STA. 314+79
PIPE CULVERT 30",
CLASS A, TY. 1, 59 L.F.
PRCFES 30"
0° SKEW
NOTE: FIT TO FIELD CONDITIONS

FILE NAME *	USER NAME = shorptd	DESIGNED -	REVISED -
S:\CDTR\MAINT_CAD\72L60 - FAS 1610 IDLO	S 36J - MORCAN CO. - Drainage\PLANS\72L60-sh	GRAVINS.dgn	
	PLOT SCALE = 40,0000 1" = 1 mi.	CHECKED -	REVISED -
Default	PLOT DATE = 2/6/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1610	(22.23) DR	MORG/SCOTT	9	6
CONTRACT NO. 72L60			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



EXIST. CMP 64 L.F.
30° SKEW
AND HEADWALLS TO
BE REMOVED

LOCATION #2
PIPE CULVERT 30",
CLASS A, TY. 1, 56 L.F.
PRCFES 30"
0° SKEW
NOTE: FIT TO FIELD CONDITIONS

LOCATION #3
PIPE CULVERT 30",
CLASS A, TY. 1, 53 L.F.
PRCFES 30"
0° SKEW
NOTE: FIT TO FIELD CONDITIONS

EXIST. CMP 56 L.F.
20° SKEW
AND HEADWALLS TO
BE REMOVED

FILE NAME * S:\CONTRMAINT_CAD\72L60 - FAS 1610 IOL	USER NAME = sharptd	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____			1610	(22,23) DR	MORG/SCOTT	9	7
Defaults	PLLOT DATE = 2/8/2020	DATE - _____	REVISED - _____	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT CONTRACT NO. 72L60				

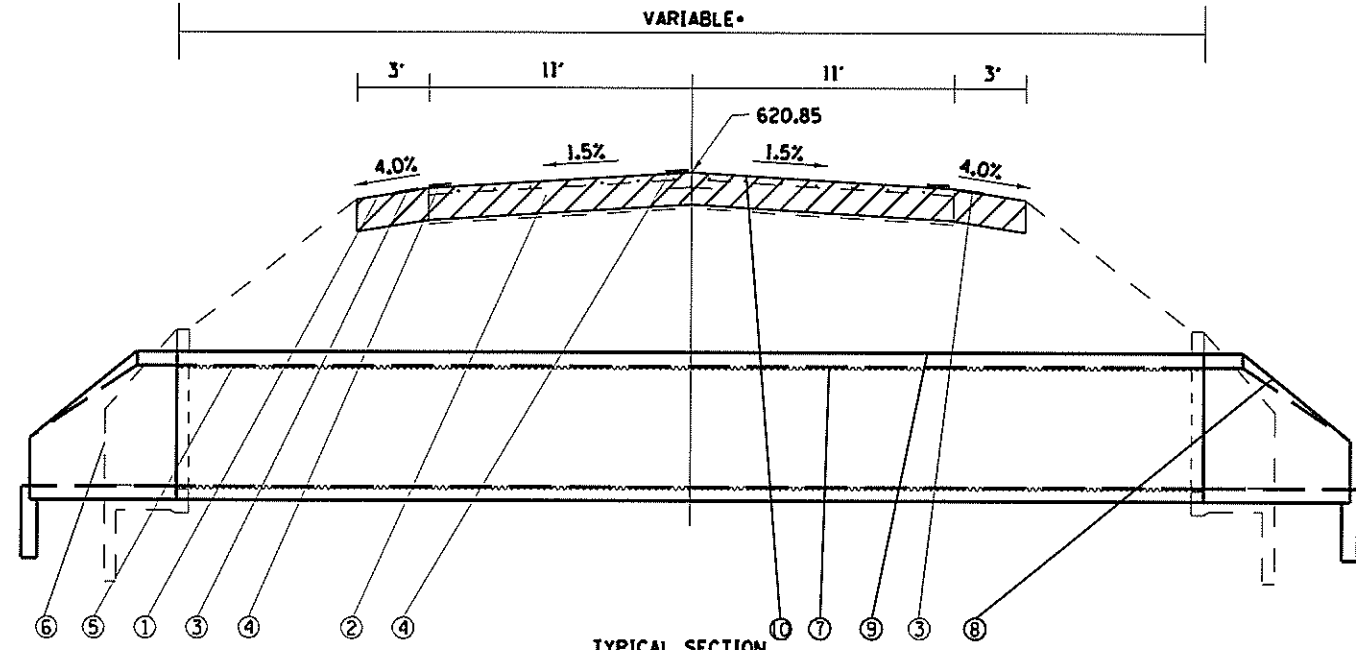


LOCATION #4
 STA. 118+38
 PIPE CULVERT 30",
 CLASS A, TY. 1, 50 L.F.
 PRCFES 30"
 0° SKEW
 NOTE: FIT TO FIELD CONDITIONS

EXIST. CMP 50 L.F.
 0° SKEW
 AND HEADWALLS TO
 BE REMOVED

FILE NAME : S:\CDTRMAINT\CAD\72L60 - FAS 1610 IOL	USER NAME : sherptd	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____			1610	(22.23) DR	MORG/SCOTT	9	8
Default	PLOT DATE = 2/8/2020	DATE - _____	REVISED - _____	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT CONTRACT NO. 72L60				

ε
OLD ROUTE 54/36



TYPICAL SECTION
 •STA. 314+79 - 59 L.F.
 •STA. 500+49 - 64 L.F.
 •STA. 510+78 - 56 L.F.
 •STA. 118+38 - 50 L.F.

LEGEND

- ①EXIST. HMA SHOULDERS, 8"
- ②EXIST. PAVEMENT, 13"
- ③EXIST. RUMBLE STRIP
- ④EXIST. PAVEMENT MARKING-LINE, 5"
- ⑤EXIST. PIPE CULVERTS, TY. 1 (RCCP), 30"
- ⑥EXIST. CONC. HEADWALLS FOR PIPE DRAINS
- ⑦PROP. PIPE CULVERT REMOVAL
- ⑧PROP. PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 30"
(FIT TO FIELD CONDITIONS)
- ⑨PROP. PIPE CULVERTS, CLASS A, TY. 1, 30" (FIT TO FIELD CONDITIONS)
- ⑩PROP. CLASS C PATCHES, TYPE II

NOTES:

1. THE ROAD LANE SHALL BE KEPT OPEN TO TRAFFIC ACCORDING TO ARTICLE 701.17(a). NO BROKEN PAVEMENT, OPEN HOLES, OR PARTIALLY FILLED PATCHES SHALL REMAIN OVERNIGHT AND ALL DEVICES SHALL BE REMOVED BEFORE DARK. USE TEMPORARY PATCHES OF 6 INCHES OF COLD BITUMINOUS MIX TO MATCH THE EXISTING SURFACE AS NEEDED. THIS WORK WILL BE CONSIDERED AS INCIDENTAL.

2. ALL THE NEW PIPE CULVERTS SHALL BE INSTALLED SATISFYING THE FIELD CONDITIONS.

I:\GSI\Projects\2020\226001\PLANS\226001-DR-03-21\226001-DR-03-21.dwg
 FILE NAME: S:\G02\DRAMA\226001\226001-DR-03-21.dwg
 DATE: 2/6/2020 10:00 AM

USER NAME = sharpjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40/0000 = 1/25	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE	SHEET	OF	SHEETS	STA	TO STA

TYPICAL SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1610	(22/23) DR	NDRG/SCOTT	8	8
CONTRACT NO. 72L60				

ILLINOIS FED. AID PROJECT