

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(9) DR, (18) DR-1	BROWN	10	1
		ILLINOIS	CONTRACT NO. 72M13	

*550/554

FOR INDEX OF SHEETS, SEE SHEET NO. 2

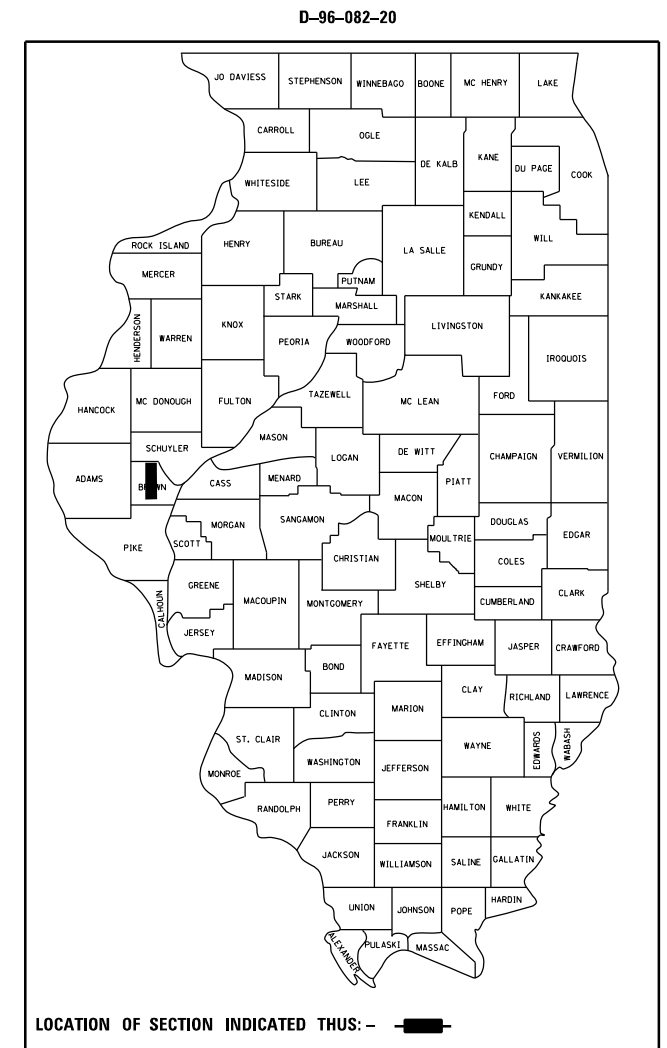
PROPOSED IMPROVEMENTS

FAP 550, FAP 554 (IL 99, IL 107)
SECTION (9) DR, (18) DR-1
PROJECT : STATE
INSERTION CULVERT LINERS
BROWN CO.

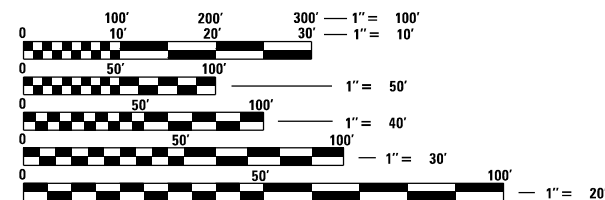
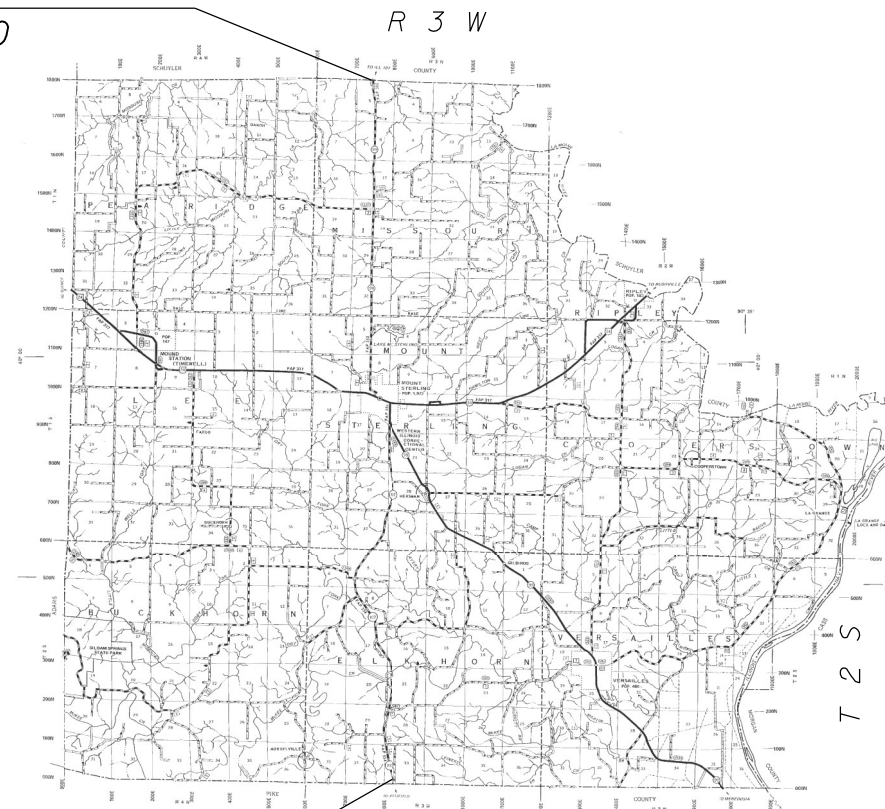
C-96-111-20

IL 99 (2019)
ADT = 200
SU = 6
MU = 10

IL 107 (2019)
ADT = 750
SU = 90
MU = 40



END PROJECT
STA. 408+10



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

CONTRACT NO. 72M13

BEGIN PROJECT
STA. 529+74

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 22 2020

[Signature]
REGION FOUR ENGINEER

December 4, 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURE
3.	SUMMARY OF QUANTITIES
4-5.	PROJECT LOCATION MAP
6-9.	PLANS
10.	RIPRAP DETAIL

STANDARDS

STANDARD NO.	DESCRIPTION
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	October 23 20 20
 ENGINEER OF OPERATIONS	
EXAMINED	October 23 20 20
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	October 23 20 20
 ENGINEER OF PROGRAM DEVELOPMENT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02175-6008
				CONSTR. CODE
				100% STATE BROWN
				PIPE CULVERT 0044 RURAL
21400100	GRADING AND SHAPING DITCHES	FOOT	50	50
28100207	STONE RIPRAP, CLASS A4	TON	70	70
54390180	INSERTION CULVERT LINER 24"	FOOT	56	56
54390210	INSERTION CULVERT LINER 30"	FOOT	199	199
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	15	15
X5420630	PIPE CULVERTS TO BE CLEANED 30"	FOOT	70	70

*550/554

FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Cul	vert Replacement\PLANS\72M13-sht-3-S00.dgn	DRAWN - DMS	REVISED - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 10/23/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(9) DR, (18) DR-1	BROWN	10	3
CONTRACT NO. 72M13				
<small>ILLINOIS FED. AID PROJECT</small>				



PIKE/BROWN
COUNTY LINE

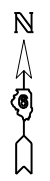
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

•550/554		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		•	(9) DR, (18) DR-1	BROWN	10	4
		CONTRACT NO. 72M13				
ILLINOIS FED. AID PROJECT						



BROWN/SCHUYLER
COUNTY LINE



FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Culvert Replacement\PLANS\72M13-sht-4-5-locat	DRAWN - _____	REVISIONS - _____	REVISIONS - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISIONS - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

*550/554		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		•	(9) DR, (18) DR-1	BROWN	10	5
				CONTRACT NO. 72M13		
		ILLINOIS FED. AID PROJECT				



LOCATION #1
 STA. 529+74
 INSERTION CULVERT
 LINER 30", 70 L.F.

EXIST. CMP 70 L.F.
 25° SKEW

FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Culvert Replacement\PLANS\72M13-sht-6-9-plans.dwg		DRAWN - _____	REVISED - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

#550/554		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	(9) DR, (18) DR-1	BROWN	10	6
		CONTRACT NO. 72M13				
ILLINOIS FED. AID PROJECT						



LOCATION #2
 STA. 478+95
 PIPE CULVERT 30",
 INSERTION CULVERT
 LINER 30", 57 L.F.

EXIST. CMP 57 L.F.
 0° SKEW

FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Culvert Replacement\PLANS\72M13-sht-6-9-plans.dwg		DRAWN - _____	REVISED - _____
Default		CHECKED - _____	REVISED - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

•550/554		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		•	(9) DR, (18) DR-1	BROWN	10	7
				CONTRACT NO. 72M13		
		ILLINOIS FED. AID PROJECT				



EXIST. CMP 70 L.F.
42° SKEW

LOCATION #4
STA. 399+61
PIPE CULVERTS
TO BE CLEANED
30", 70 L.F.,
SHAPING AND
GRADING DITCHES,
50 L.F.

LOCATION #3
STA. 396+28
INSERTION CULVERT
LINER 30", 72 L.F.

EXIST. CMP 72 L.F.
45° SKEW

FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Culvert Replacement\PLANS\72M13-sht-6-9-plans.dwg		DRAWN - _____	REVISED - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

•550/554

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(9) DR, (18) DR-1	BROWN	10	8
CONTRACT NO. 72M13				
ILLINOIS FED. AID PROJECT				



LOCATION #5
 STA. 408+10
 INSERTION CULVERT
 LINER 24", 56 L.F.

EXIST. CMP 56 L.F.
 0° SKEW

FILE NAME =	USER NAME = SHARPTD	DESIGNED - _____	REVISED - _____
S:\CONTRMAINT_CAD\72M13 - Brown Pipe Culvert Replacement\PLANS\72M13-sht-6-9-plans.dwg		DRAWN - _____	REVISED - _____
Default	PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 10/22/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

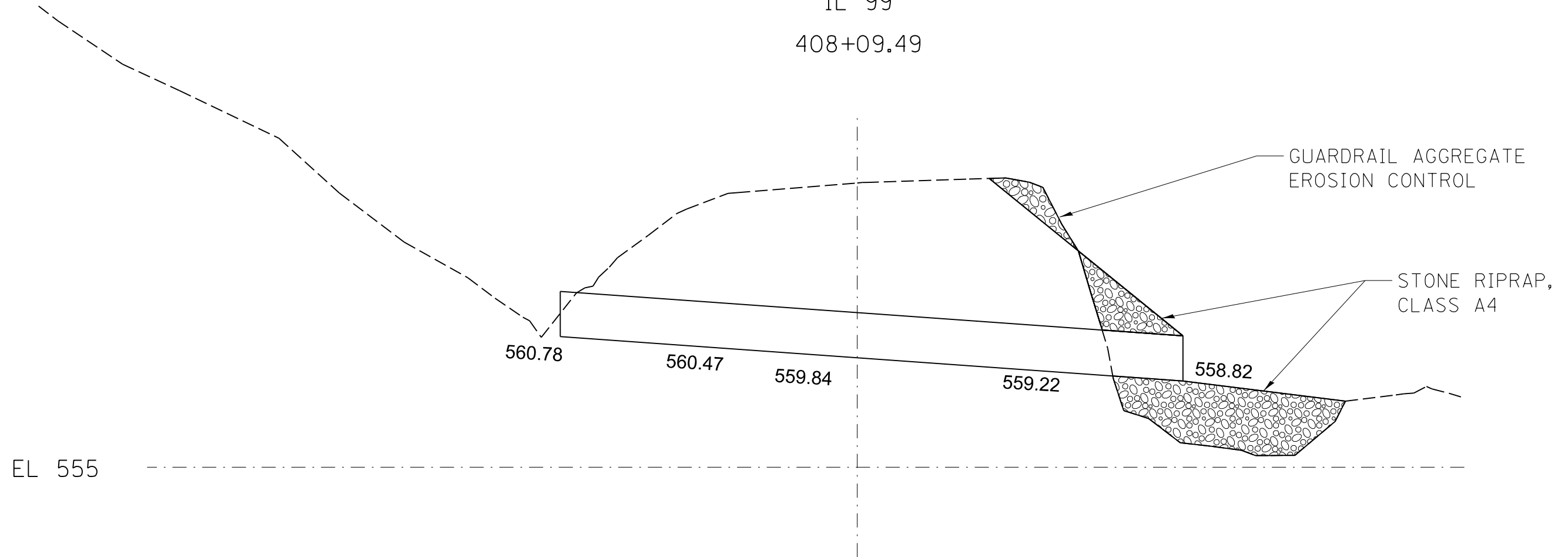
LOCATION MAP

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

•550/554

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(9) DR, (18) DR-1	BROWN	10	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M13	

IL 99
408+09.49



EL 555

NOTE:
FILTER FABRIC AND BEDDING STONE
IS NOT REQUIRED FOR THE STONE
DUMP RIPRAP IN THIS PROJECT

MODEL: D:\p1\11\CONTRACT\CONTRACT\72M13 - Brown Pipe Culvert Replacement\PLAN\72M13-shc-10-ripap.dgn

•550/554

USER NAME = SHARPTD	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/22/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIPRAP DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(9) DR, (18) DR-1	BROWN	10	10
CONTRACT NO. 72M13				
ILLINOIS FED. AID PROJECT				