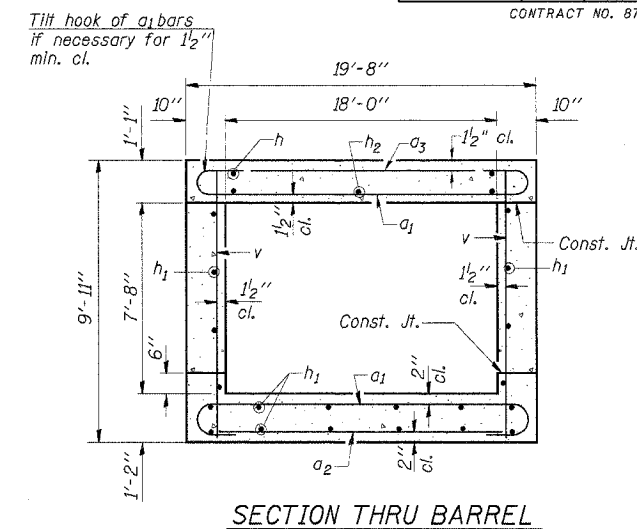
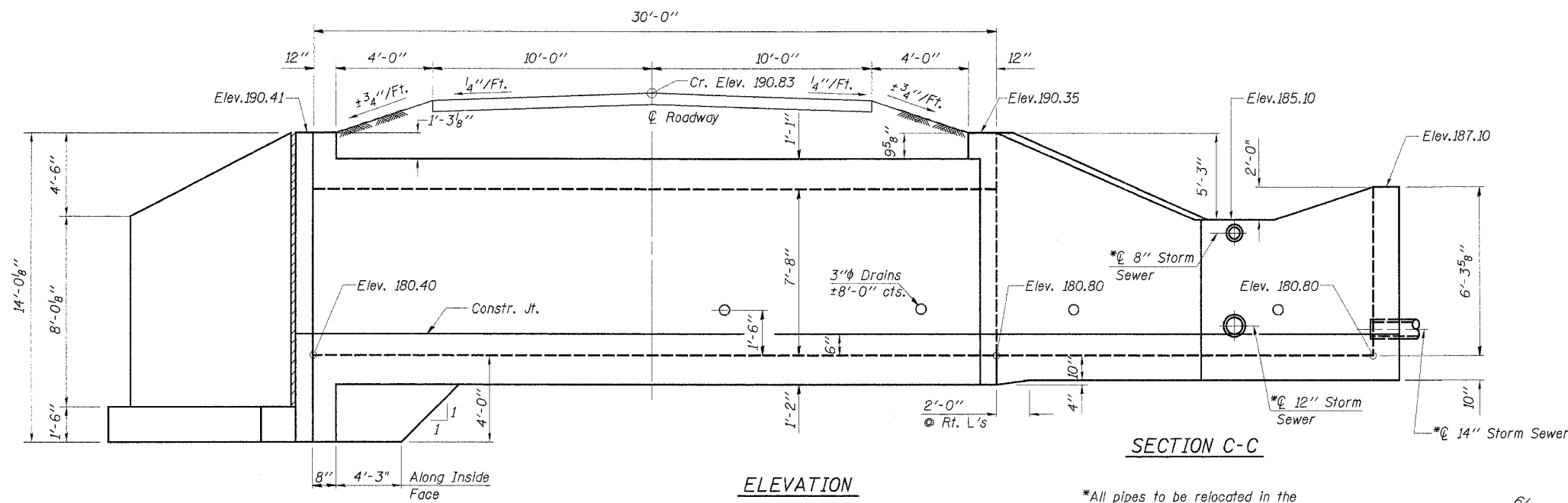


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 1	02-00076	MARSHALL	14	5
FAS 369	-00-BR			

ILLINOIS
CONTRACT NO. 87278



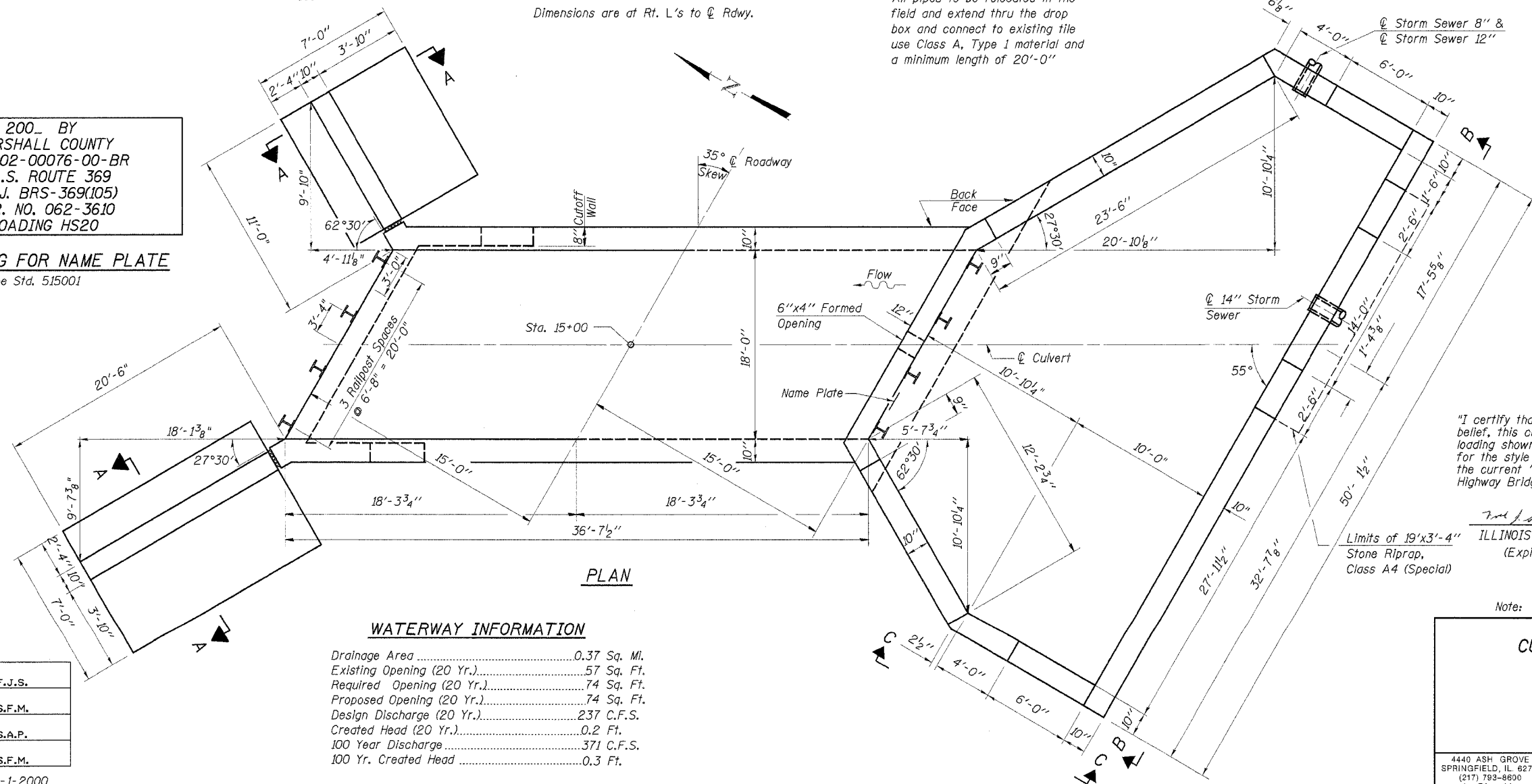
ELEVATION

Dimensions are at Rt. L's to \odot Rdwy.

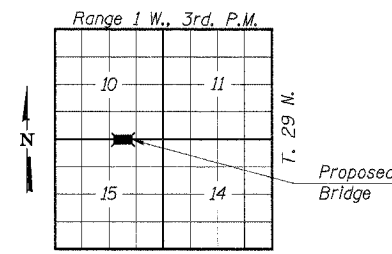
*All pipes to be relocated in the field and extend thru the drop box and connect to existing tile use Class A, Type 1 material and a minimum length of 20'-0"

BUILT 200_ BY
MARSHALL COUNTY
SEC. 02-00076-00-BR
F.A.S. ROUTE 369
PROJ. BRS-369(105)
STR. NO. 062-3610
LOADING HS20

LETTERING FOR NAME PLATE
See Std. 515001



PLAN



LOCATION PLAN

DESIGN STRESSES

$f_y = 60,000$ psi
 $f'_c = 3,500$ psi
Max. Soil Pressure under footing = 2715 psf

LOADING HS 20-44

"I certify that to the best of my knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current 'AASHTO Standard Specifications for Highway Bridges'."

Fred J. Stone, Jr. (2-2-05)
ILLINOIS STRUCTURAL NO. 2934
(Expires 11/30/06)



Limits of 19'x3'-4"
Stone Riprap,
Class A4 (Special)

Note: See Sheet 7 for Sections A-A & B-B

WATERWAY INFORMATION

Drainage Area	0.37 Sq. Mi.
Existing Opening (20 Yr.)	57 Sq. Ft.
Required Opening (20 Yr.)	74 Sq. Ft.
Proposed Opening (20 Yr.)	74 Sq. Ft.
Design Discharge (20 Yr.)	237 C.F.S.
Created Head (20 Yr.)	0.2 Ft.
100 Year Discharge	371 C.F.S.
100 Yr. Created Head	0.3 Ft.

DESIGNED	F.J.S.
CHECKED	S.F.M.
DRAWN	S.A.P.
CHECKED	S.F.M.

SSB-T1-R 6-1-2000

CULVERT PLAN & ELEVATION

COUNTY HIGHWAY 1
SECTION 02-00076-00-BR
MARSHALL COUNTY
STATION 15+00

4440 ASH GROVE
SPRINGFIELD, IL 62711
(217) 793-8600
casinc@amvid.com

OZYURT AND STONE, INC.
CONSULTING ENGINEERS

JOB NO.: 0412
FILE: 0412CULV.dgn
DATE: 12-09-04