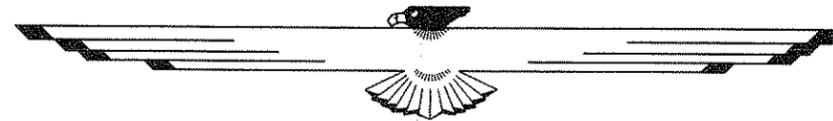


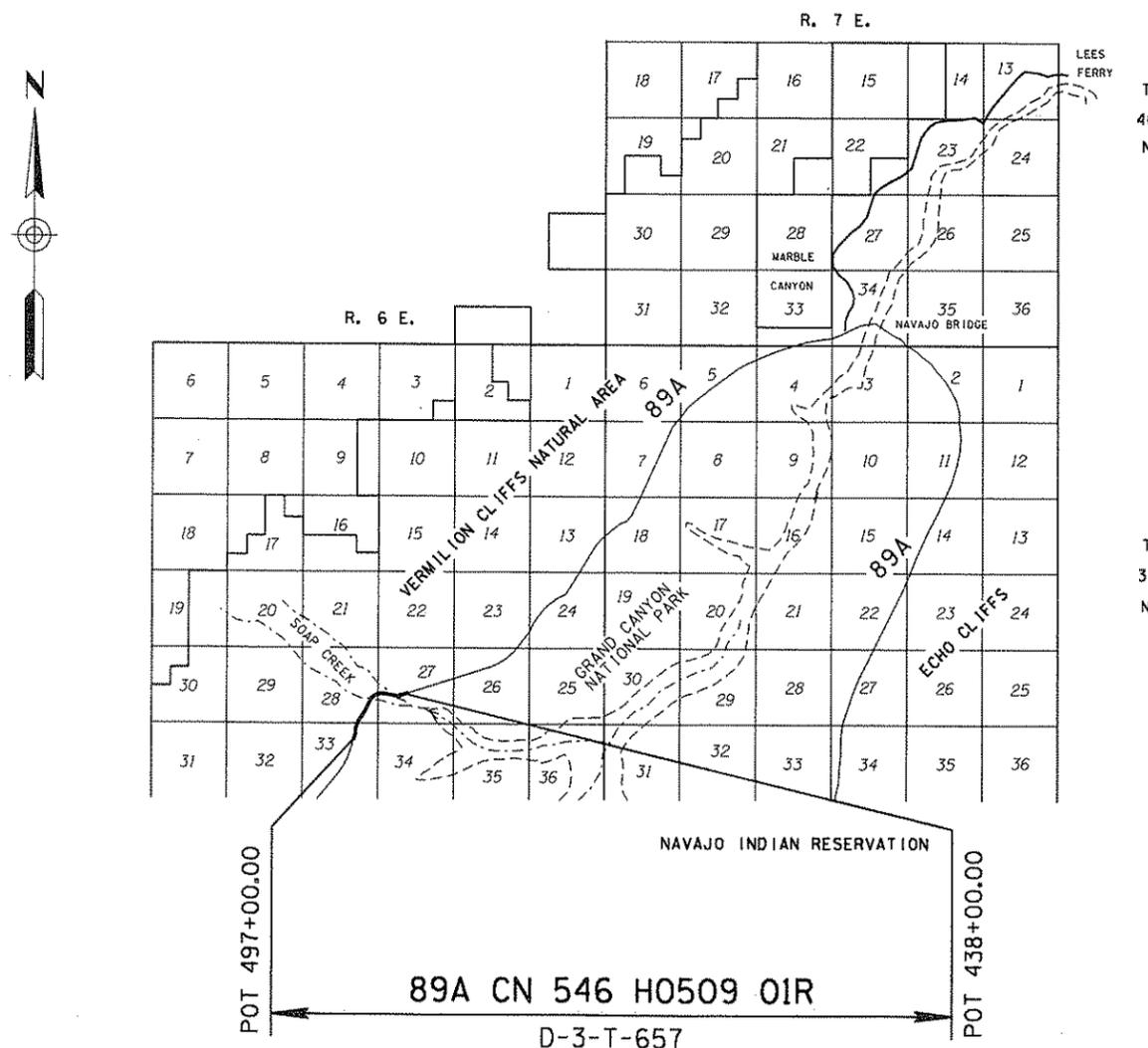
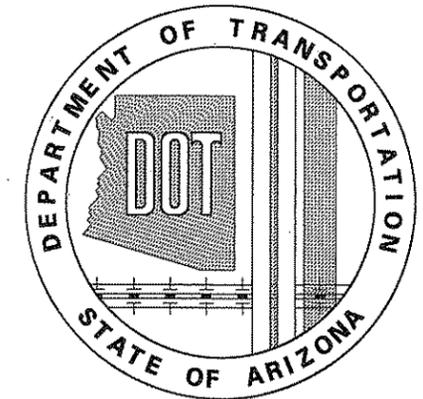
STATE OF ARIZONA  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION



RIGHT OF WAY PLAN OF THE  
BITTER SPRINGS-FREDONIA HWY (89A)  
SOAP CREEK BRIDGE #101  
89A CN 546 H0509 04R  
F-037-3-806

LENGTH OF PROJECT 1.12 MILE DISTRICT 4

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	FINAL/ID PLANS
9	ARIZ.	F-037-3-806	1	6	



**PRELIMINARY PRINT**  
FOR ENGINEERING USE ONLY  
SUBJECT TO DESIGN CHANGES,  
ADDITIONS, ALTERATIONS & CORRECTIONS  
DATE 6/8/93 BY Hadley

PUBLIC HEARING REQUIREMENTS CERTIFIED	N/A
ENVIRONMENTAL CLEARANCE	10-11-91
C & S REVIEW	
BID SET REVIEW	

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD  
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE  
WITH RESOLUTION 91-03-A-24 DATED 3-15-91  
GARY K. ROBINSON STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS  
DATE 8/5/91

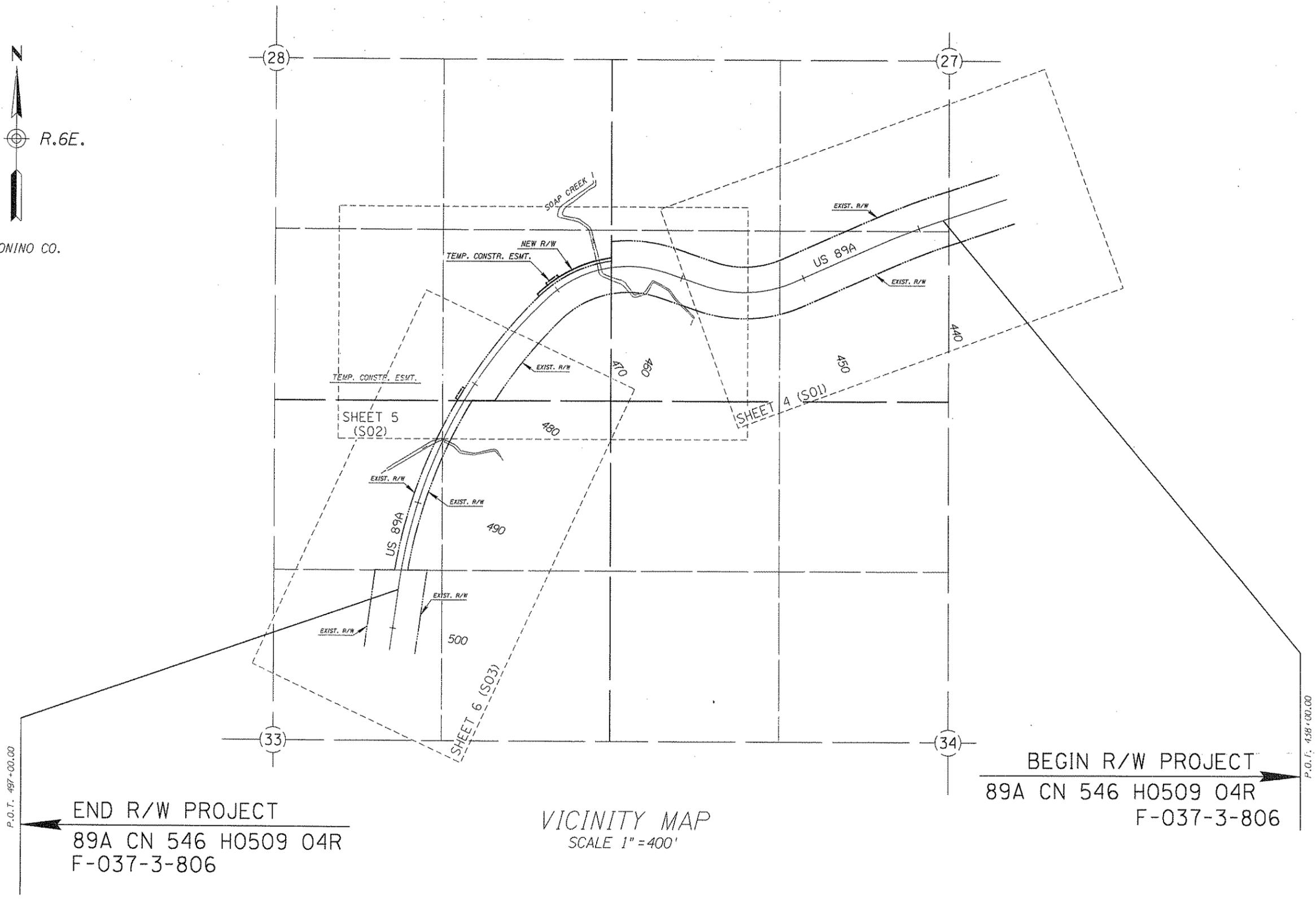
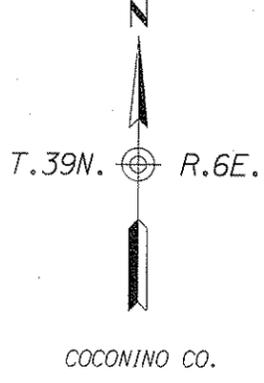
DEPUTY STATE ENGINEER  
*[Signature]*

U. S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

DRAWING NO. D-3-T-657  
SHEET NO. 1 OF 6



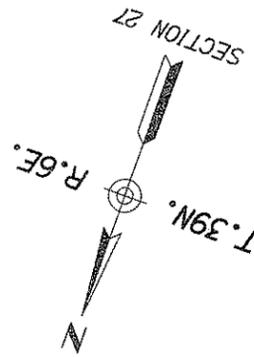


VICINITY MAP  
SCALE 1" = 400'

END R/W PROJECT  
89A CN 546 H0509 04R  
F-037-3-806

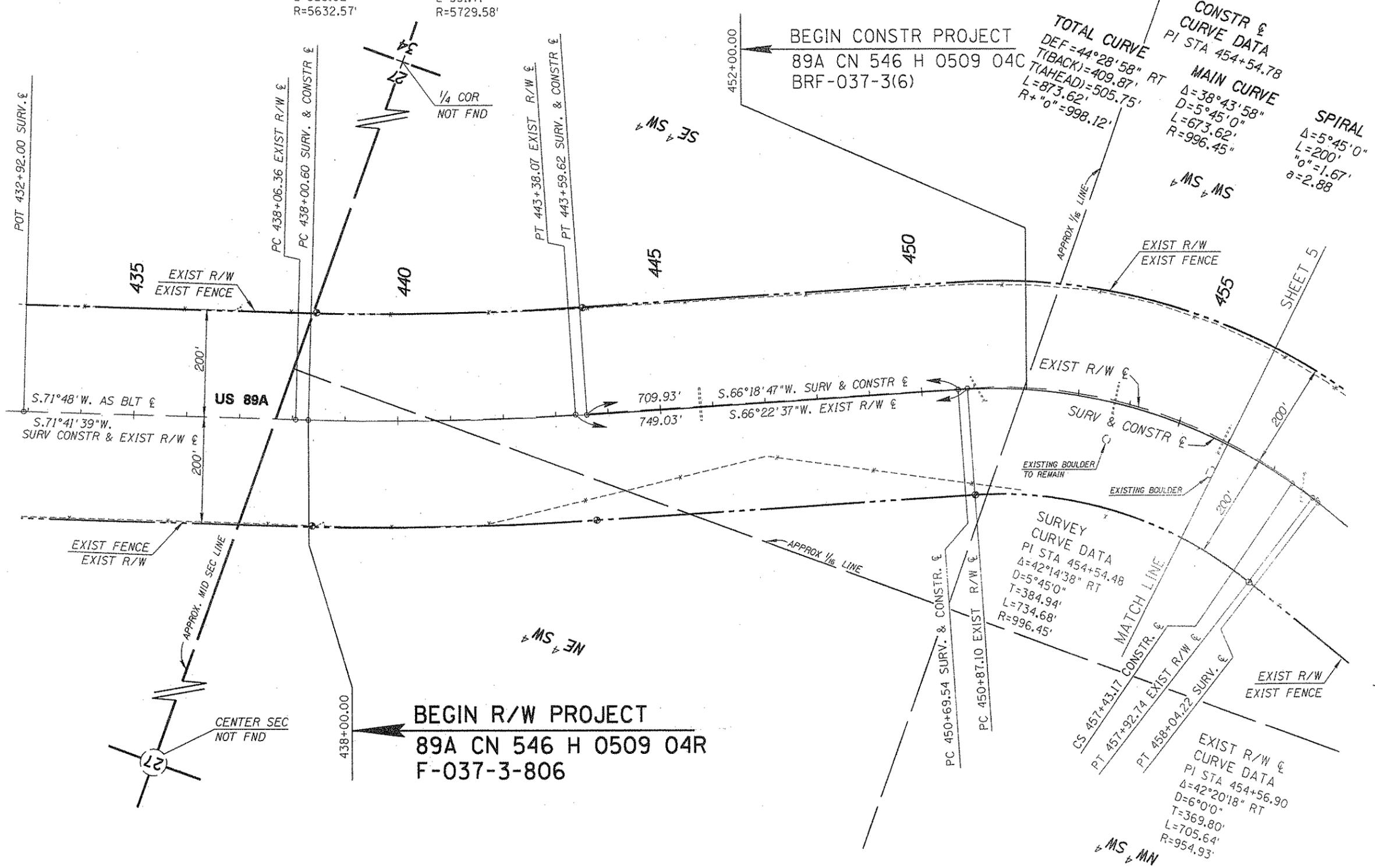
BEGIN R/W PROJECT  
89A CN 546 H0509 04R  
F-037-3-806

REVISIONS				DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY	8840 MI	RIGHT OF WAY PLANS SERVICES
8438	5-12-92	JRC	REVISED NEW R/W AND DELETED T.C.E.	COUNTY	COCONINO	
				DRAWN	JRC	HIGHWAY
				CHECKED	NRG	BITTER SPRINGS - FREEDONIA HWY.
				SCALE	1"=400'	PROJECT NO.
				ROUTE	U.S. 89A	F-037-3-806
				LOCATION	SOAP CREEK BRIDGE #101	

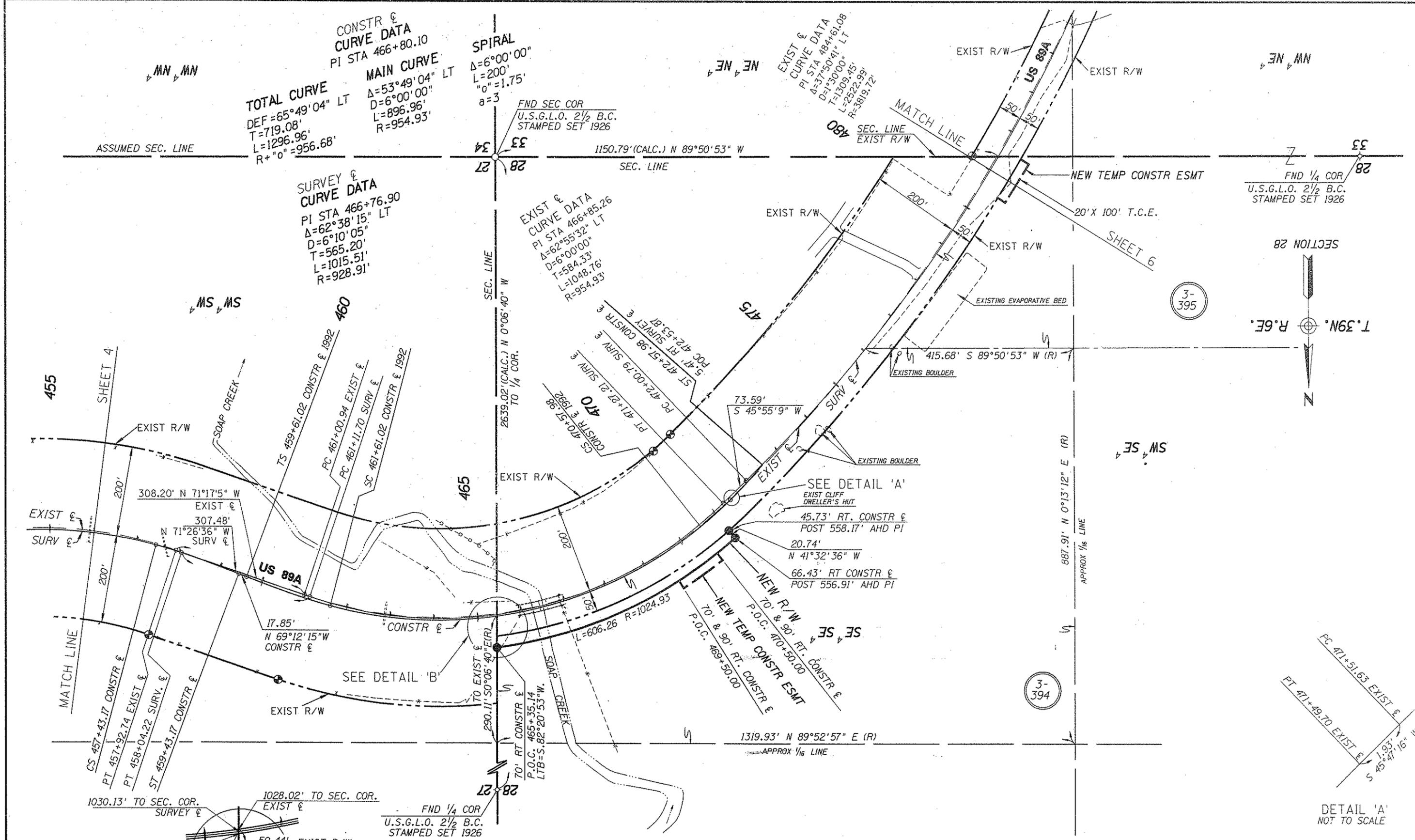


**SURVEY & CURVE DATA**  
 PI STA 440+95.30  
 $\Delta=5^{\circ}22'52''$  LT  
 $D=1^{\circ}01'02''$   
 $T=264.70'$   
 $L=529.02'$   
 $R=5632.57'$

**EXISTING & CURVE DATA**  
 PI STA 440+72.40  
 $\Delta=5^{\circ}19'02''$  LT  
 $D=1^{\circ}0'0''$   
 $T=266.05'$   
 $L=531.71'$   
 $R=5729.58'$



REVISIONS			DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION	
C.O. NO.	DATE	BY	D-3-T-657	HIGHWAYS DIVISION	
8617	12-9-92	JRC	HARD COPY	8840 MI	
			REVISED DEGREE OF CURVATURE & PC STA.	COUNTY COCONINO	
			ON SURVEY &.	DRAWN MAH /JRC	
			CHECKED	NRG	
			SCALE	1"=100'	
			ROUTE	U.S. 89A	
			LOCATION	SOAP CREEK BRIDGE #101	
				PROJECT NO. F-037-3-806	
				HIGHWAY BITTER SPRINGS - FREDONIA HWY.	
				SHEET 4 OF 6	



**CONSTR & CURVE DATA**  
 PI STA 466+80.10  
**TOTAL CURVE**  
 DEF = 65°49'04" LT  
 T = 719.08'  
 L = 1296.96'  
 R + "0" = 956.68'  
**MAIN CURVE**  
 Δ = 53°49'04" LT  
 D = 6°00'00"  
 L = 896.96'  
 R = 954.93'

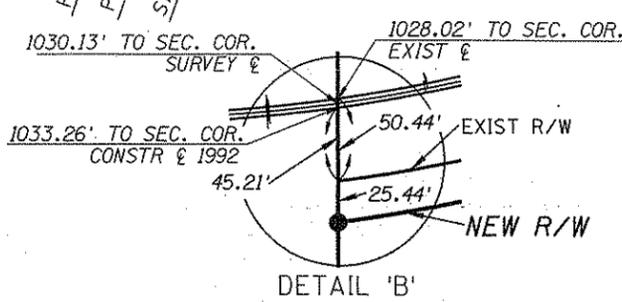
**SURVEY & CURVE DATA**  
 PI STA 466+76.90  
 Δ = 62°38'15" LT  
 D = 6°10'05"  
 T = 565.20'  
 L = 1015.51'  
 R = 928.91'

**FND SEC COR**  
 U.S.G.L.O. 2 1/2 B.C.  
 STAMPED SET 1926

**EXIST & CURVE DATA**  
 PI STA 466+85.26  
 Δ = 62°55'32" LT  
 D = 6°00'00"  
 T = 584.33'  
 L = 1048.76'  
 R = 954.93'

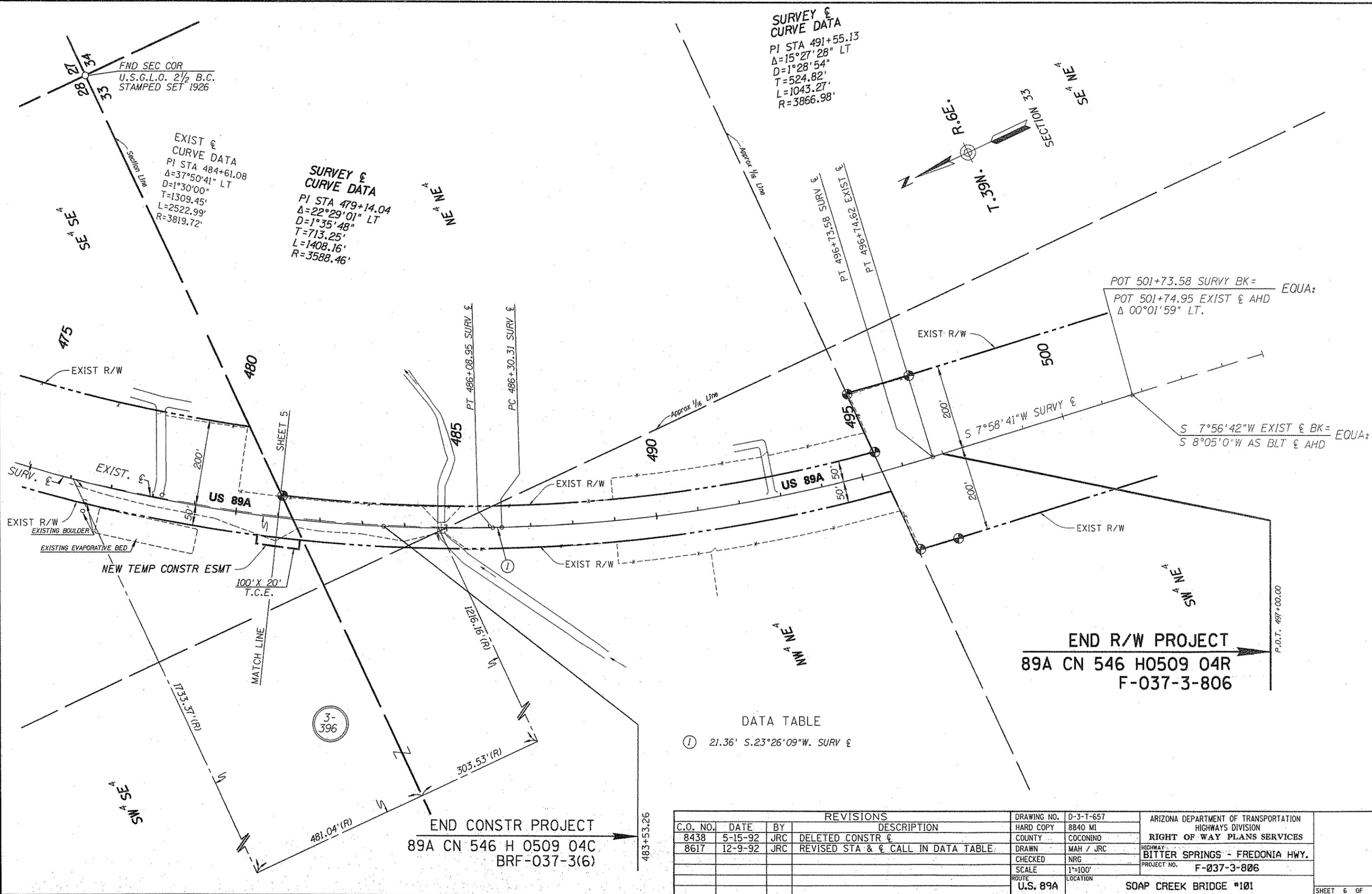
**EXIST & CURVE DATA**  
 PI STA 484+61.08  
 Δ = 37°50'41" LT  
 D = 1°30'00"  
 T = 1309.95'  
 L = 2522.99'  
 R = 3819.72'

**FND 1/4 COR**  
 U.S.G.L.O. 2 1/2 B.C.  
 STAMPED SET 1926



DETAIL 'A'  
 NOT TO SCALE

REVISIONS				DRAWING NO.	ARIZONA DEPARTMENT OF TRANSPORTATION	
C.O. NO.	DATE	BY	DESCRIPTION	D-3-T-657	HIGHWAYS DIVISION	
8438	5-15-92	JRC	REVISED NEW R/W & DELETED T.C.E.	HARD COPY	RIGHT OF WAY PLANS SERVICES	
			TO PAR. 3-394.	COUNTY	COCONINO	
8617	12-9-92	JRC	ADDED EXISTING CURVE DATA, REVISED	DRAWN	MAH /JRC	
			STATIONS AND DISTANCES.	CHECKED	NRG	
				SCALE	1"=100'	
				ROUTE	U.S. 89A	
				LOCATION	SOAP CREEK BRIDGE #101	



**SURVEY & CURVE DATA**  
 PI STA 491+55.13  
 $\Delta=15^{\circ}27'28''$  LT  
 $D=1^{\circ}28'54''$   
 $T=524.82'$   
 $L=1043.27'$   
 $R=3866.98'$

FND SEC COR  
 U.S.G.L.O. 2 1/2 B.C.  
 STAMPED SET 1926

**EXIST & CURVE DATA**  
 PI STA 484+61.08  
 $\Delta=37^{\circ}50'41''$  LT  
 $D=1^{\circ}30'00''$   
 $T=1309.45'$   
 $L=2522.99'$   
 $R=3819.72'$

**SURVEY & CURVE DATA**  
 PI STA 479+14.04  
 $\Delta=22^{\circ}29'01''$  LT  
 $D=1^{\circ}35'48''$   
 $T=713.25'$   
 $L=1408.16'$   
 $R=3588.46'$

POT 501+73.58 SURVY BK = EQUA:  
 POT 501+74.95 EXIST & AHD  
 $\Delta 00^{\circ}01'59''$  LT.

S 7°56'42"W EXIST & BK = EQUA:  
 S 8°05'0"W AS BLT & AHD

**END R/W PROJECT**  
**89A CN 546 H0509 04R**  
**F-037-3-806**

**END CONSTR PROJECT**  
**89A CN 546 H 0509 04C**  
**BRF-037-3(6)**

**DATA TABLE**

① 21.36' S.23°26'09"W. SURV &

REVISIONS				DRAWING NO.	D-3-T-657	ARIZONA DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RIGHT OF WAY PLANS SERVICES
C.O. NO.	DATE	BY	DESCRIPTION	HARD COPY	8840 MI	
8438	5-15-92	JRC	DELETED CONSTR &	COUNTY	COCONINO	
8617	12-9-92	JRC	REVISED STA & & CALL IN DATA TABLE.	DRAWN	MAH / JRC	ROUTE U.S. 89A
				CHECKED	NRG	
				SCALE	1"=100'	