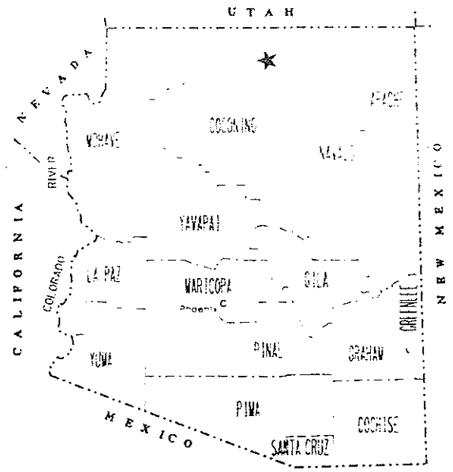
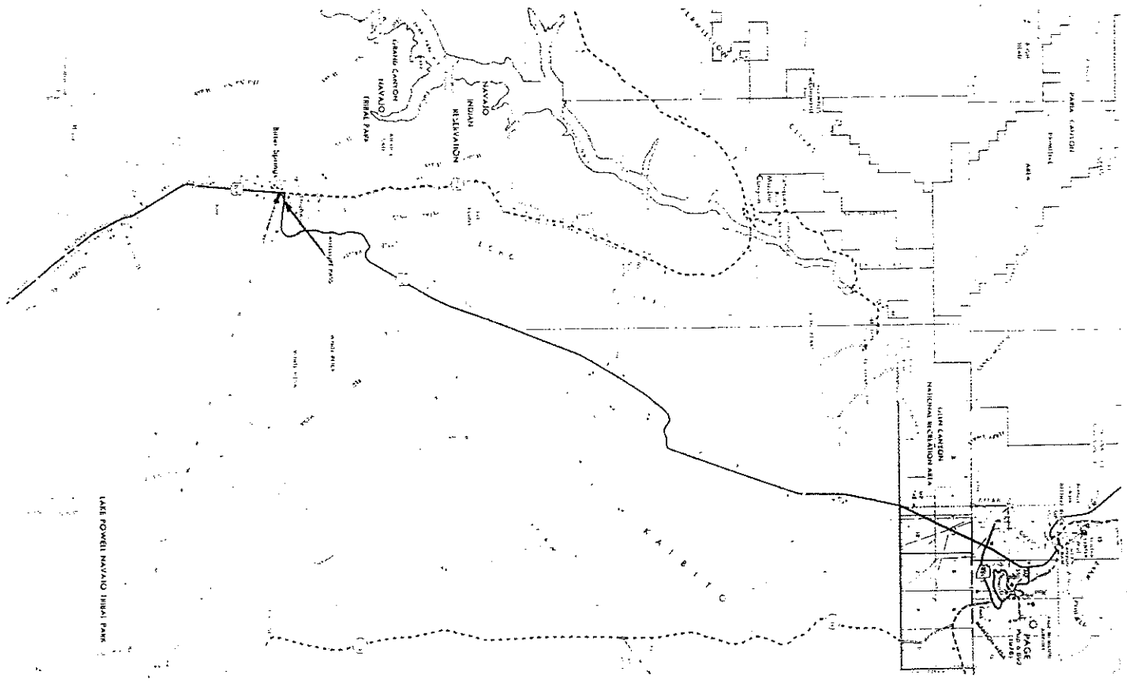


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RIGHT OF WAY PLAN OF THE
CAMERON - BITTER SPRINGS HWY.
JCT. U.S. 89A @ BITTER SPRINGS
89 CN 524 H0513 03R
F-037-2-812

LENGTH OF PROJECT 0.50 MILES DISTRICT 4



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ABBREVIATIONS
DATE 11/5/92 Hadley

PUBLIC HEARING REQUIREMENTS CERTIFIED N/A
ENVIRONMENTAL CLEARANCE 7-26-89
C & S REVIEW
BID SET REVIEW

M.P. 523.9 — F-037-2-812 — 89 CN 524 H0513 03R — M.P. 524.4

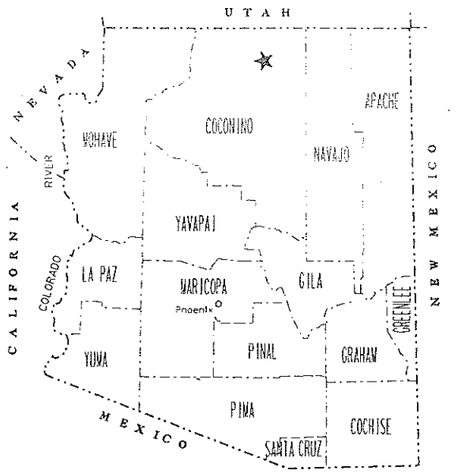
ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE
WITH RESOLUTION 92-03-A-15 DATED 3-20-92
GARY K. ROBINSON STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS
DATE 4/2/92
DEPUTY STATE ENGINEER
Robert P Mickelson

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED DATE
DIVISION ADMINISTRATOR

DRAWING NO. D-3-T-660
SHEET NO. 1 OF 7

R/W PLANS FILE SET



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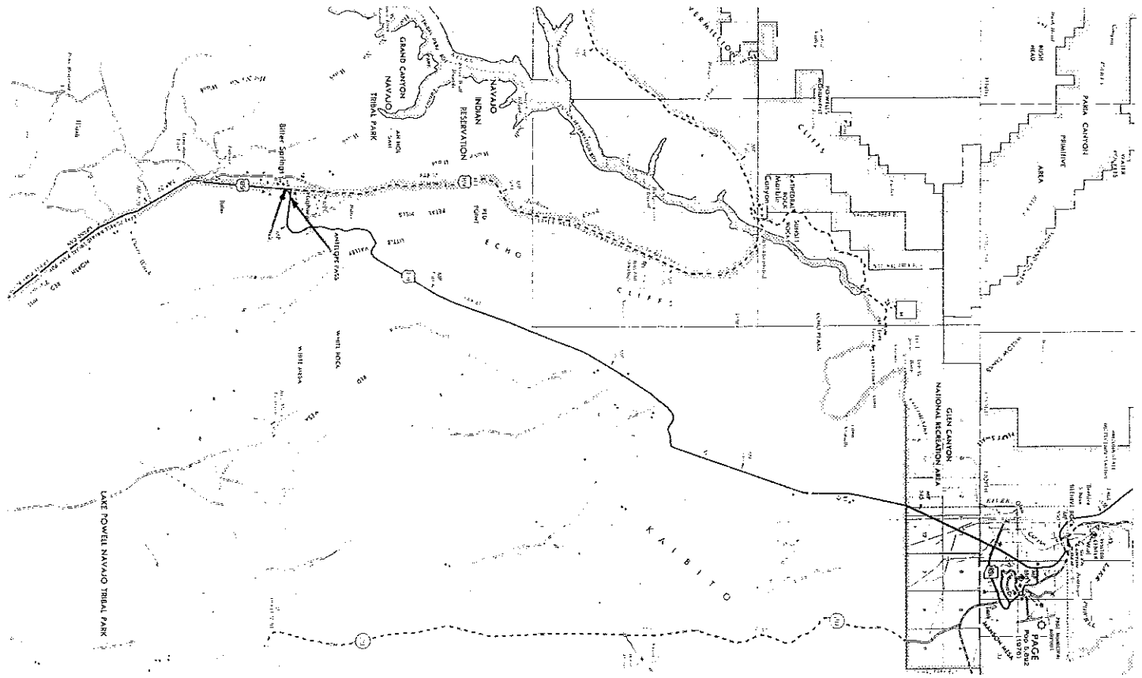
FOREST REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	ADDENDUM NO.
9	ARIZ.	F-037-2-812	1	7	

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RIGHT OF WAY PLAN OF THE
CAMERON - BITTER SPRINGS HWY.
JCT. U.S. 89A @ BITTER SPRINGS
89 CN 524 H0513 03R
F-037-2-812

LENGTH OF PROJECT 0.50 MILES DISTRICT 4



M.P. 523.9 — F-037-2-812 — M.P. 524.4
89 CN 524 H0513 03R

N

DEPARTMENT OF TRANSPORTATION
DOT
STATE OF ARIZONA

PRELIMINARY PLAN
NOT FOR CONSTRUCTION
SUBJECT TO CHANGES, ADDITIONS, ALTERATIONS & CORRECTIONS
DATE 11/5/92 BY Hadley

PUBLIC HEARING REQUIREMENTS CERTIFIED	N/A
ENVIRONMENTAL CLEARANCE	7-26-89
C & S REVIEW	
BID SET REVIEW	

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE
WITH RESOLUTION 92-03-A-15 DATED 3-20-92
GARY K. ROBINSON STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS
DATE 4/2/92

DEPUTY STATE ENGINEER
Robert P Mickelsen

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DATE

DIVISION ADMINISTRATOR

DRAWING NO. D-3-T-660
SHEET NO. 1 OF 7

OWNERSHIP RECORD

ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA REQUIRED GROSS INCLUDING EXISTING R/W	AREA REQUIRED NET EXCLUDING EXISTING R/W	EASEMENT AREA	REMAINDER LEFT	REMAINDER RIGHT	SHEET NO.	CHIEF R/W AGENT APPROVAL	INSTRUMENT TYPE	INSTRUMENT DATE	RECORDED DATE	RECORDED DOCUMENT
3-407	U.S.A. (BUREAU OF INDIAN AFFAIRS)	PT. SEC 4, T.37N., R.7E.			~~6.83 AC.~~ 8.11 AC.	0.43 Ac. T.C.E.			4-5					

[Click here for US 89 Index]

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
8539	7-2-92	GRJ	ADDED T.C.E. TO PAR. 3-407
8592	8-19-92	JCH	REV. NET AREA PAR 3-407

DRAWING NO.	D-3 -T-660
HARD COPY	
DRAWN/DATE	JDC FEB 1992
CHECKED/DATE	

LOUIS C. WARNER & COMPANY
4422 N. CIVIC CENTER PLAZA, SUITE 124
(602) 990-3008 SCOTTSDALE, AZ 85251

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CAMERON - BITTER SPRINGS
PROJECT NO.: F-037-2
ROUTE: U.S. 89A
LOCATION: JCT. U.S. 89A @ BITTER SPRINGS

TRACS NO. 89 CN 524 H0513 03R

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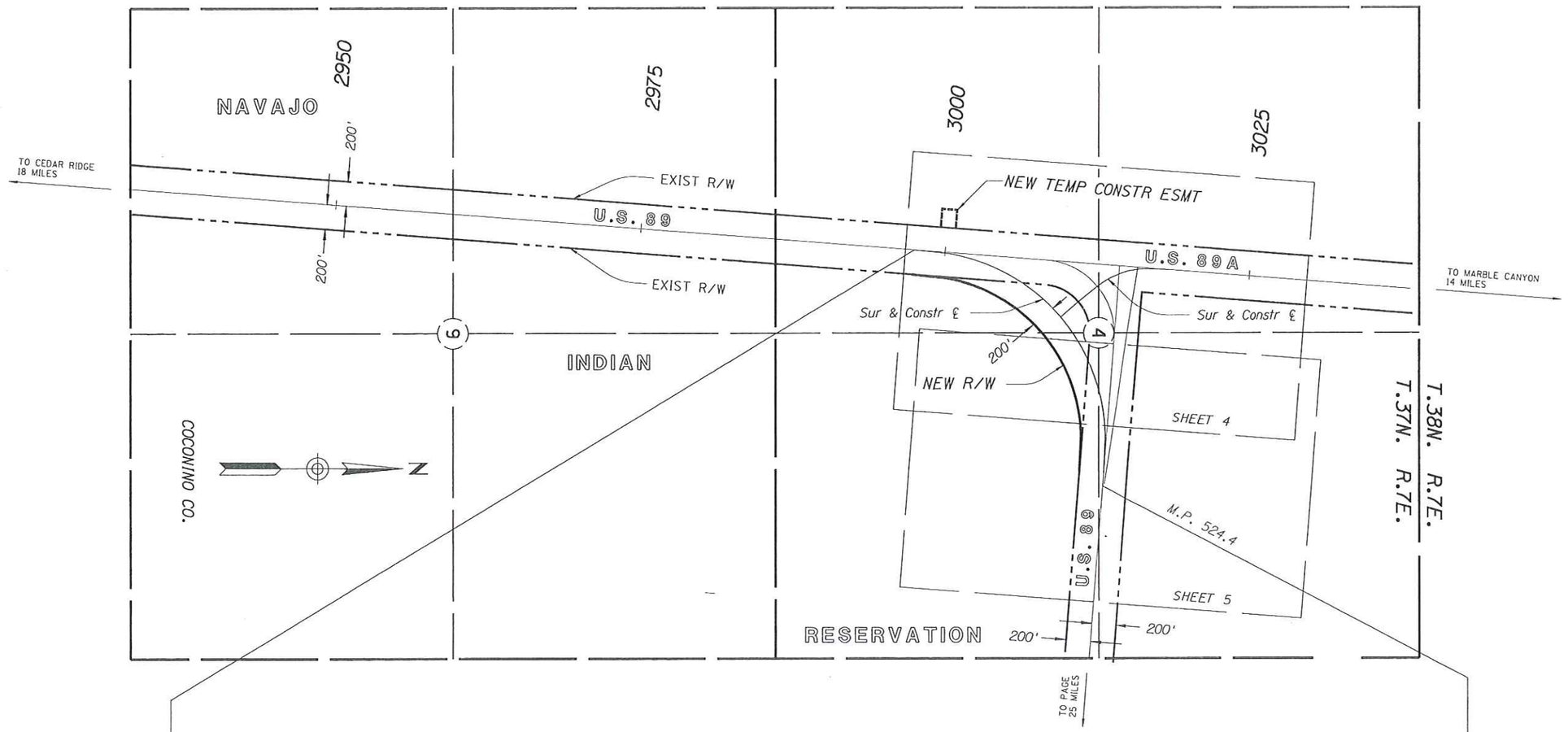

BEGIN R/W PROJECT
89 CN 524 H0513 03R
F-037-2

M.P. 523.9

BEGIN CONST PROJECT
89 CN 524 H0513 03C
HES-037-3(12)

VICINITY MAP

SCALE: 1" = 500'

END R/W PROJECT
89 CN 524 H0513 03R
F-037-2

M.P. 524.4

END CONST PROJECT
89 CN 524 H0513 03C
HES-037-3(12)

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
8539	7-2-92	GRJ	ADDED T.C.E. LT STA 3000+00

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HARD COPY	
DRAWN/DATE	JDC FEB 1992
CHECKED/DATE	

LOUIS C. WARNER & COMPANY
4422 N. CIVIC CENTER PLAZA, SUITE 104
(602) 990-3008 SCOTTSDALE, AZ 85251

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY	CAMERON - BITTER SPRINGS
PROJECT NO.	F-037-2
ROUTE	U.S. 89A
LOCATION	JCT. U.S. 89A @ BITTER SPRINGS

SHEET 3 OF 7

TRACS NO. 89 CN 524 H0513 03R

/usr/falcon3/r=11/89=524.v VIEW NAME:

NEW TEMP CONSTR ESMT

200' & 350' LT. SUR. & AS-BUILT ℄
P.O.T. 3000+75.00

125'

150'

150'

NAVAJO

P.O.T. 3008+33.50
EXIST. U.S. 89
EQUATION
P.C. 0+00.00 EAST
EXIST. U.S. 89 RAMP

P.O.T. 3014+32.82=
EXIST. U.S. 89A
EQUATION
P.O.T. 158+55.70
EXIST. U.S. 89
P.O.T. 3015+84.46=
EXIST. U.S. 89A
EQUATION
P.O.T. 17+79.79
EXIST. TRUCK ESC. RAMP

2995 SE 4 SW 4 3000 3005 NE 4 SW 4 3010 3015 SE 4 NW 4 3020

EXIST R/W

200'

280'

N 4°27'41" E

Sur & As Bit ℄

① ②

U.S. 89

U.S. 89A

N 4°27'41" E 1083.33'

N 6°16'15" E
280.25'

T.S. 2997+50.17
SUR. & CONSTR ℄

S.C. 3000+50.17
SUR & CONSTR ℄
LTB N 10°05'11" E

NEW R/W

L=1827.16'

Sur & Constr ℄

3-407

U.S. 89 RD. CONN.
Sur & Constr ℄

L=626.42'

N 40°29'41" W

U.S. 89

S 85°27'02" E

N 80°56'00" W

Sur & As Bit ℄

C.S. 3015+97.54
U.S. 89A RD CONN.

160

ST 3017+97.54
U.S. 89A RD CONN.
EQUATION
P.O.T. 3018+30.05
EXIST. U.S. 89A NORTH

BEGIN R/W PROJECT
89 CN 524 H0513 03R
F-037-2

P.O.T 2997+50.17 EXIST. US 89 BK=
ST 2997+50.17 U.S. 89 SUR & CONSTR ℄ AHD

Approx Mid Sec Line

INDIAN

R=398.40'

CTR. SEC.
NOT FND.

4

Approx Mid Sec Line

200'

200'

165

S.C. 3012+35.59
U.S. 89A RD CONN.

T.S. 3010+35.59
U.S. 89A RD CONN.

CL RAMP US 89
CURVE DATA
PI STA 3014+32.82
Δ=90°05'17"
D=9°34'29"
T=599.32
L=940.88
R=598.40

3010

P.O.C. 3011+01.35=
EQUATION SUR & CONSTR ℄ U.S. 89
P.O.T. 3007+94.81
U.S. 89A RD CONN.

P.O.T. 164+85.02=
EQUATION EXIST. U.S. 89
P.T. 9+40.88
EXIST. U.S. 89 RAMP

3015

R=1327.89'

SURVEY & CONSTR. ℄
CURVE DATA
PI STA 3014+32.82
MAIN CURVE
Δ=78°50'17"
D=3°45'00"
L=2101.35'
R=1527.89'

TOTAL CURVE
DEF=90°05'17"
T=1682.65'
L=2702.35'
R+"o"=1530.34'

SPIRAL
Δ=5°37'30"
L=300.00'
"o"=2.45'
a=1.25

RESERVATION

NW 4 SE 4

EXIST R/W

S 85°27'02" E 1083.33'

EXIST R/W

170

LINE

MATCH

200'

3020

U.S. 89A RD. CONN.
SURVEY & CONSTR ℄
CURVE DATA
PI STA 3014+32.82
MAIN CURVE
Δ=28°57'22"
D=8°00'00"
L=361.95'
R=716.20'

SPIRAL
Δ=8°00'00"
L=200.00'
"o"=2.33'
a=4.00

TOTAL CURVE
DEF=44°57'22"
T=397.23'
L=561.95'
R+"o"=718.53'

BEGIN CONST PROJECT
89 CN 524 H0513 03C
HES-037-3(12)

COCONINO CO.
SCALE 1"=100'
UNSURVEYED

T.37N. R.7E.

Approx 1/16 Line

NOTE: SECTION INFORMATION BASED ON PROTRACTION MAPS

Click here for US 89 Index

INDEX TO EXISTING R/W

IND.	SUBDIVISION	SEC.	TWP.	R.	ACQ. FROM	TYPE	BK./DKT.	PAGE	WIDTH	YEAR	PARCEL NO.
1	PART OF SECTION	4	37N	7E	U.S.A. (B.I.A.)	ESMT	AR-035902		400'	1966	3-045
2	PART OF SECTION	4	37N	7E	U.S.A. (B.I.A.)		PH-086827		400'	1933	

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
8539	7-1-92	GRJ	ADDED T.C.E. LT. STA 3000+00
8592	8-19-92	JCH	ADDED DESCRIP. DATA

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CHECKED/DATE	JCH FEB 1992

LOUIS C. WARNER & COMPANY 4432 N. CIVIC CENTER PLAZA, SUITE 104 (602) 990-3008 SCOTTSDALE, AZ 85251

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CAMERON - BITTER SPRINGS
PROJECT NO.: F-037-2
ROUTE: U.S. 89A
LOCATION: JCT. U.S. 89A @ BITTER SPRINGS

/cs/f/plus3/r11/89-w524.s VIEW NAME:

TRACS NO. 89 CN 524 H0513 03R

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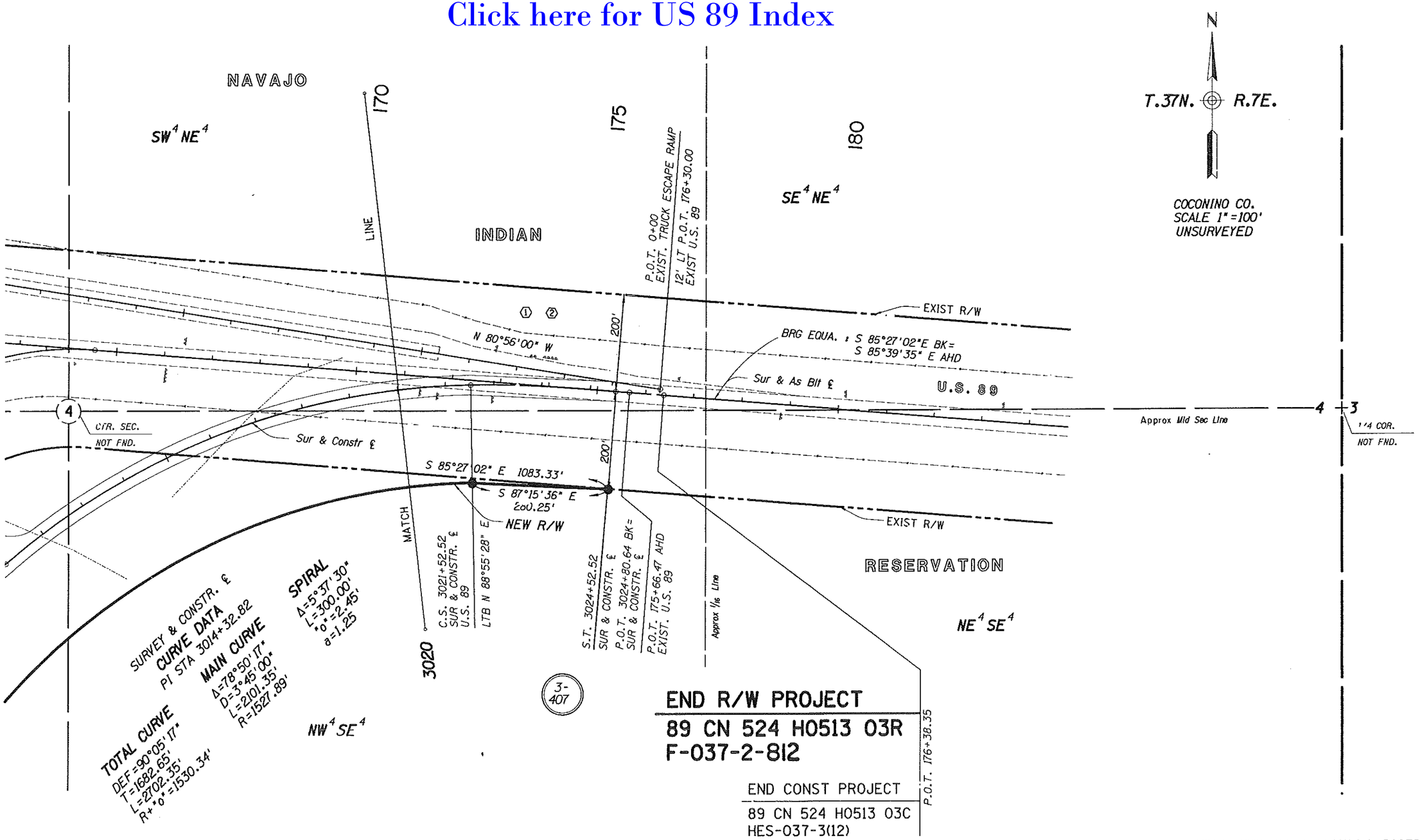

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NOTE: SECTION INFORMATION BASED ON PROTRACTION MAPS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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DRAWN/DATE	JDC FEB 1992
CHECKED/DATE	JCH FEB 1992

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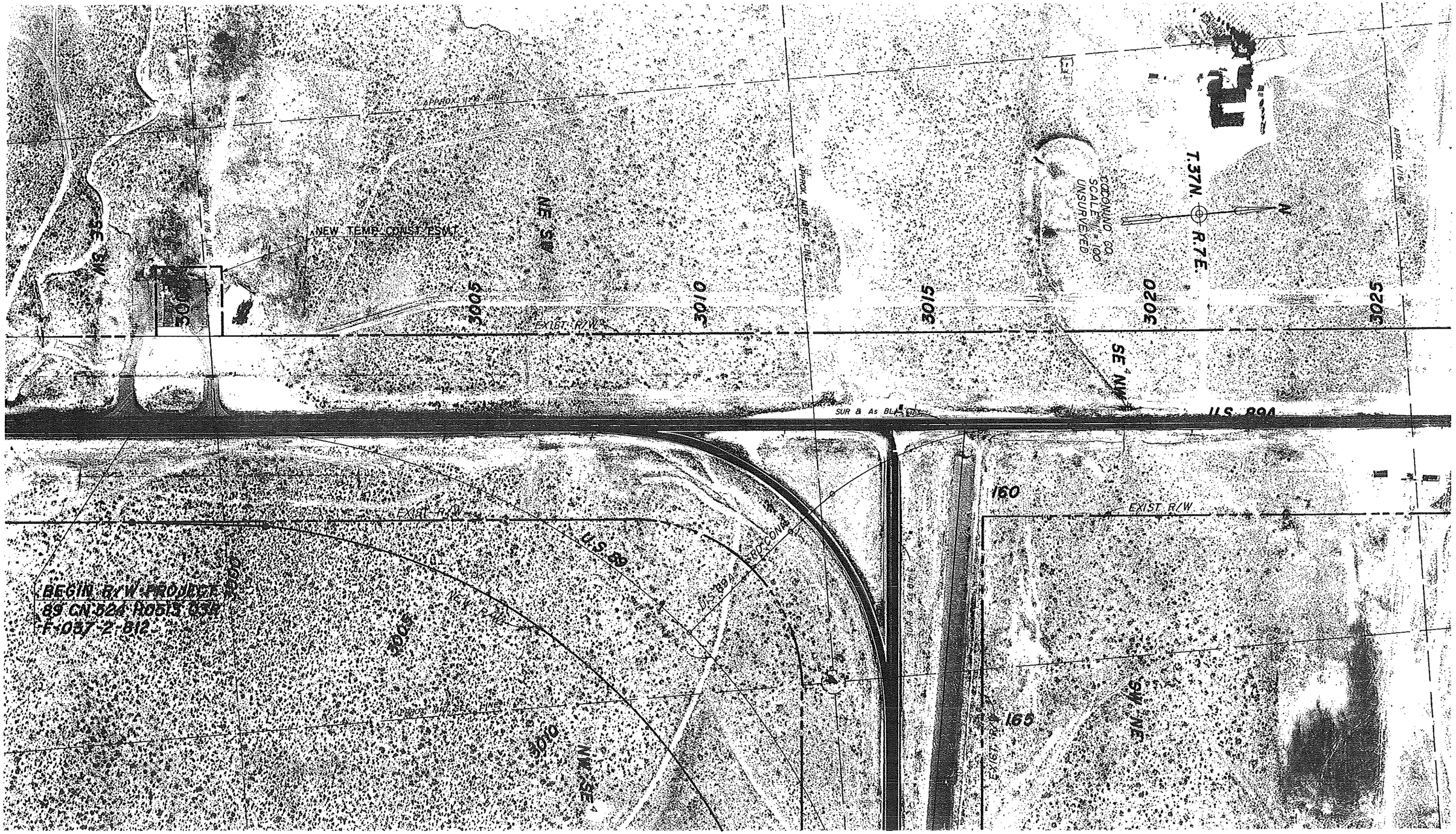
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CAMERON - BITTER SPRINGS
PROJECT NO.: F-037-2-812
ROUTE: U.S. 89
LOCATION: JCT. U.S. 89A & BITTER SPRINGS

REGISTERED LAND SURVEYOR — CERTIFICATE NO. 10902 — JAMES C. HOUSTON — ARIZONA U.S.A.



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8539	7-2-92	GRJ	ADDED T.C.E. LT. STA. 3000+00

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DRAWN/DATE	JDC FEB 1992
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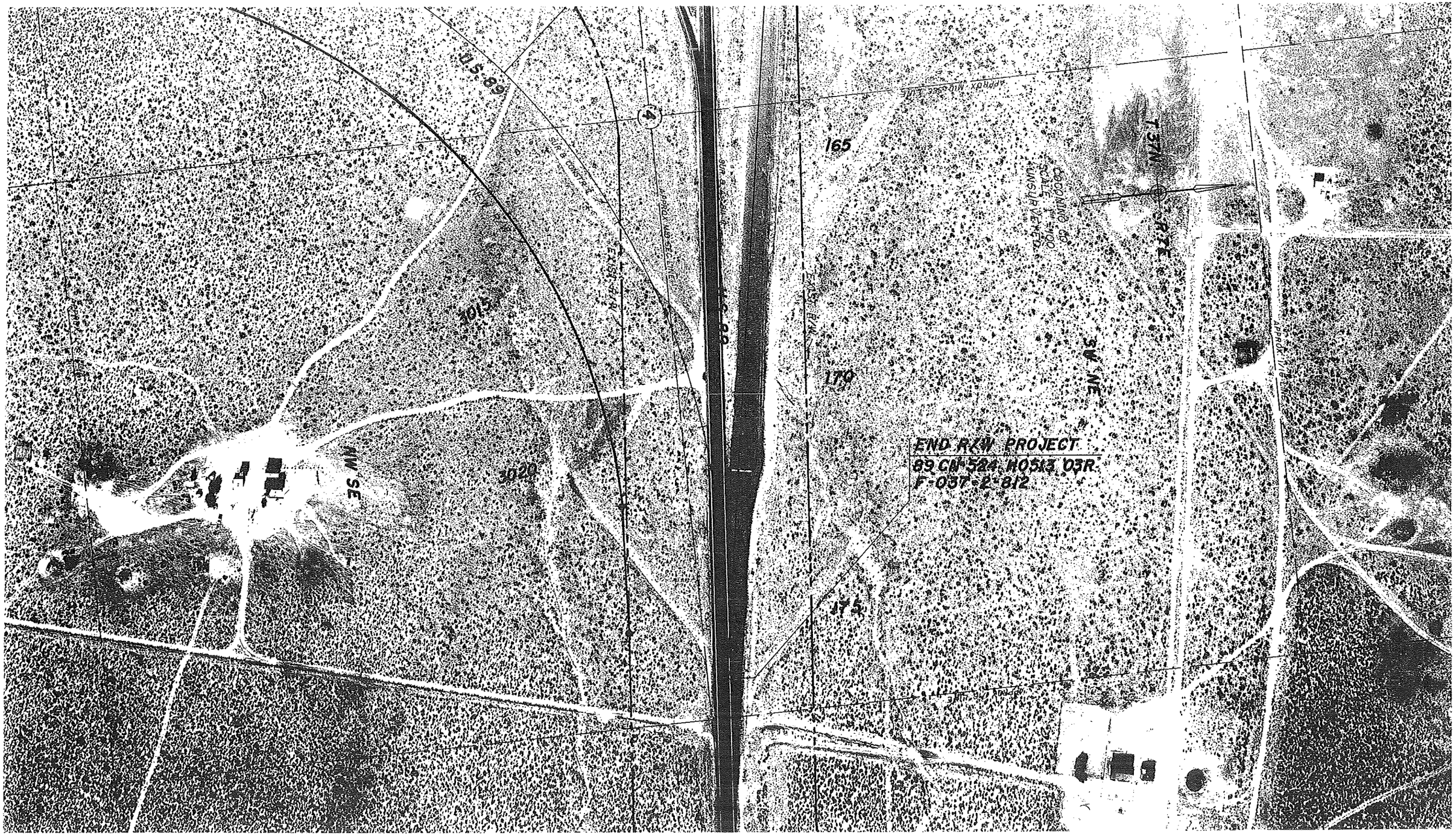
LOUIS C. WARNER & CO.
4422 N. CIVIC CENTER PLAZA
SCOTTSDALE, AZ 85251

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CAMERON - BITTER SPRINGS
PROJECT NO.: F-037-2-812

ROUTE: U.S 89 LOCATION: JCT. U.S. 89A BITTER SPRINGS

SHEET 6 OF 7



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C.O. NO.	DATE	BY	DESCRIPTION

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DRAWN/DATE	JDC FEB 1992
CHECKED/DATE	JCH FEB 1992

LOUIS C. WARNER & CO.
4422 N. CIVIC CENTER
SCOTTSDALE, AZ 85251

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CAMERON-BITTER SPRINGS
PROJECT NO.: F-037-2-812

ROUTE: US. 89 LOCATION: JCT. U.S. 89A BITTER SPRINGS

SHEET 7 OF 7