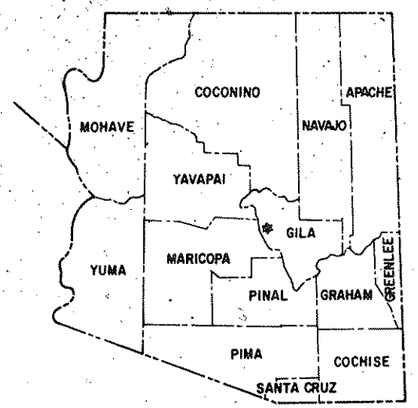
FHWA REGION	STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.	F-053-1-810	1	10	
DRAWING NUMBER		D-4-T-365			

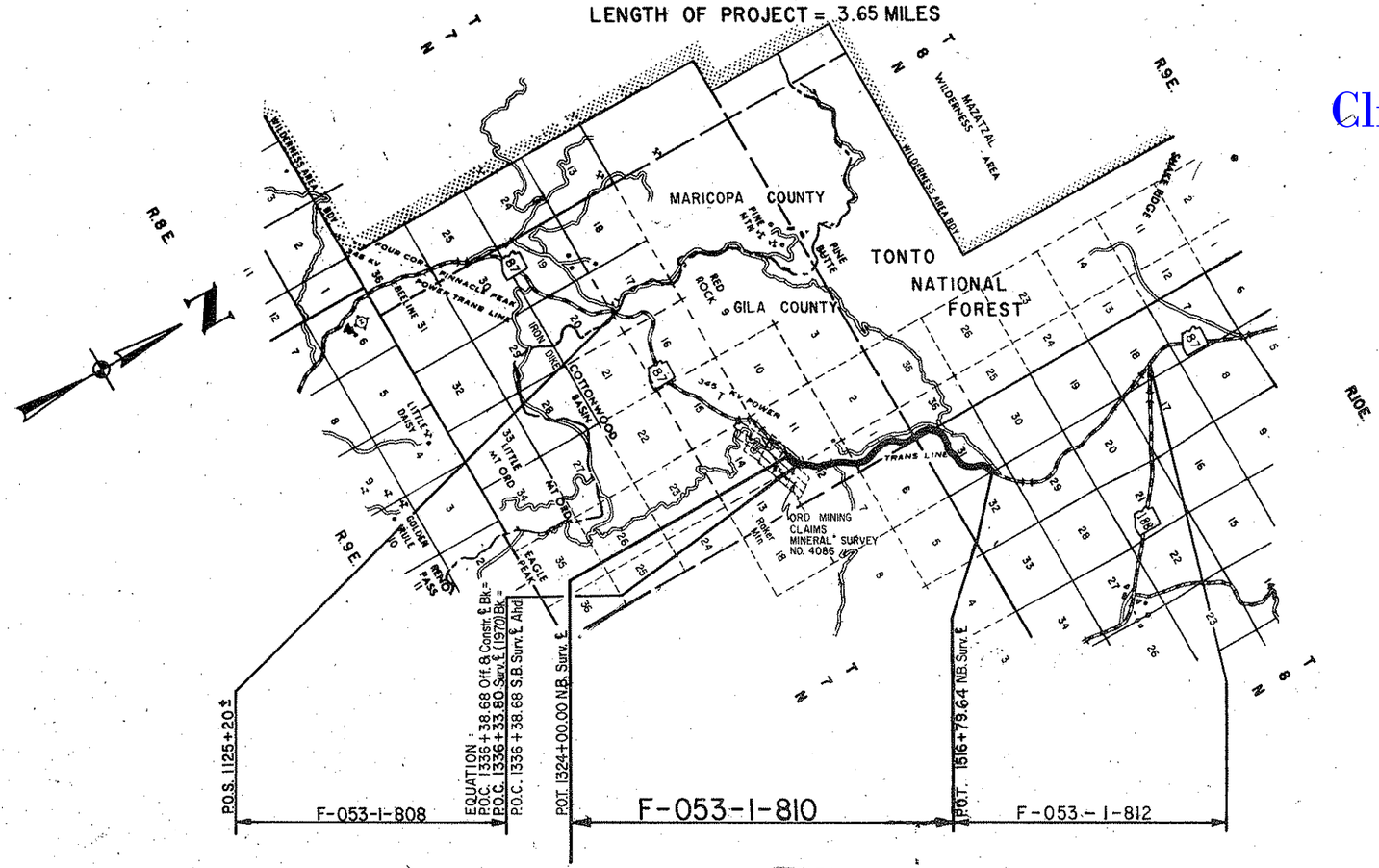


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION
RIGHT OF WAY PLAN OF THE
MESA-PAYSON HWY.
ORD MINE-JCT. S.R. 188 UNIT I
S.R. 87
PROJECT NO. F-053-1-810

GILA COUNTY DISTRICT 7

LENGTH OF PROJECT = 3.65 MILES



REDUCED SIZE DO NOT SCALE

Public Hearing Requirements Satisfied Not Required

Environmental Impact Statement Requirements Satisfied 5-7-82

Approved in accordance with Roadway Plans

by James P. Allen DEPUTY STATE ENGINEER 5-13-82 DATE

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD Approved for Right-of-Way Acquisition in accordance with Resolution Number 81-12-A-49 Dated 12-16-81

Thomas R. Lommers State Engineer

Walter D. Peek CHIEF DEPUTY STATE ENGINEER 5-14-82 DATE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

DIVISION ENGINEER DATE

DRUMING 44-512

Click here for US 93 Index

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

Click here for US 93 Index

REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION	PROJECT NO.	F-053-1-810
6048	8-9-82	R.L.R.	Revised Net & Esmt. Areas For Par.	DRAWING NO.	D-4-T-365
"	"	"	4-231. C.&S. 511	SHEET NO.	2 of 10
6068	9-14-82	R.C.O.	Rev. T.C.E. Area Par 4-231	DRAWN BY	HENRY
7374	9-24-86	H.E.	Added New R/W & Temp. Const. Esmt.	DATE COMP.	12-31-81
				SCALE	

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 NUMBER	BOARD APPROVAL	TYPE & DATE OF INSTRUMENT	RECORDED DATE	RECORDED BOOK	RECORDED PAGE
4-231	U.S.A. (TONTO NATIONAL FOREST)	PT. OF PROTRACTED SEC. 11, T.7N. R.9E. PT. OF PROTRACTED SEC. 12, T.7N. R.9E. PT. OF PROTRACTED SEC. 1, T.7N. R.9E. PT. OF PROTRACTED SEC. 6, T.7N. R.10E. PT. OF PROTRACTED SEC. 36, T.8N. R.9E. PT. OF SEC. 31, T.8N. R.10E.		209.3 Ac. ~~206.2 Ac.~~	123.3 Ac. ~~120.2 Ac.~~	3.2 Ac. ~~2.6 Ac.~~ T.C.E.			4 thru 10	8-25-83	R/E 4-29-83	NOT		REC.
4-232	WALT HENDERSON et al	PT. OF U.S. MINERAL SURVEY No. 4086 ORD No. 18, T.7N. R.9E.	11.3 Ac.		0.9 Ac.		2.3 Ac.	8.1 Ac.	4	9-21-82	OIP 7-19-83	7-19-83	592	449
4-233	SUNCHIEF MINES CO.	PT. OF U.S. MINERAL SURVEY No. 4086 ORD No. 10 & 11, T.7N. R.9E.	314.4 Ac.	3.1 Ac.	2.3 Ac.		10.2 Ac.	301.1 Ac.	4	10-8-82	R/E 9-8-82	NOT	RECORDED	

CHECKED BY [signature]

BRUNING 44-512

REDUCED SIZE DO NOT SCALE

MESA — PAYSON HWY.

ORD MINE — JCT. S.R. 188 UNIT I

GILA COUNTY

Click here for US 93 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
6048	8-9-82	R.L.R.	Removed New R/W Lt. 1445+55 S.B. Added T.C.E.
"	"	"	Rt. 1367+50 N.B. & Note regarding const.
"	"	"	Proj. Limits Added T.C.E. & New R/W Lt.
"	"	"	S.B. 1412+. C.B.S. 511.
6068	9-14-82	R.C.O.	Add T.C.E. Lt. 1397+
6149	9-10-82	R.L.R.	Chad Limits Proj. Limits in Note B1/7511
6304	3-9-84	L.M.F.	Rev. Const. Proj. Limits N.B. & Ending Sta.
"	"	"	in Note.
7374	9-24-86	H.E.	Added NEW R/W & Temp. Const. Esmt.
7426	12-17-86	R.J.	REVISED & ADDED CONST. PROJ. LMTS.

PROJECT NO.	F-053-1-810
DRAWING NO.	D-4-T-365
SHEET NO.	3 of 10
DRAWN BY	HENRY
DATE COMP.	12-31-81
SCALE	1" = 1000'

HARD COPY 8115 M-1; 8121 M-1; 7067 M-1 CHECKED BY: Steve Sprague

TO MESA 52 MI.

ORD No. 1, ORD No. 2, ORD No. 5, ORD No. 7, ORD No. 8, ORD No. 9, ORD No. 10, ORD No. 11, ORD No. 12, ORD No. 13

ORD MINING CLAIMS; Mineral Survey No. 4086

WARRANTY DEED TO THE STATE OF ARIZONA - DATED 2-4-75, REC. 4-9-75, DKT. 3717 O.R., Pgs. 148-152.

SPECIAL USE PERMIT - DATED 2-3-71 TO THE ARIZ. HWY. DEPT.; ACROSS SEC. 1, 11 & 12 T.7N. R.9E. PER R/W PROJECT F-053-1-603.

EXIST. R/W

NEW R/W

200'

T.C.E.

S.R. 87

SHT. No. 4

SHT. No. 5

SHT. No. 6

SHT. No. 7

SHT. No. 8

SHT. No. 9

SHT. No. 10

1350

1400

1450

1500

1550

1600

T. 7 N. R. 9 E.

T. 7 N. R. 10 E.

T. 8 N. R. 9 E.

T. 8 N. R. 10 E.

UNSURVEYED

TONTO NATIONAL FOREST

LOT 1, LOT 2, LOT 3, LOT 4

36, 31, 32, 25, 30, 29, 20, 19, 24, 18, 17, 13

200' R/W SPECIAL USE PERMIT - DATED 4-22-66 TO THE ARIZ. HWY. DEPT.; ACROSS SEC. 17, 18, 20, 29, 31 & 32 T.8N. R.10E., SEC. 36 T.8N. R.9E. & SEC. 14 & 12 T.7N. R.9E. PER R/W PROJECT F-053-1-603.

EQUATION: P.O.T. 1524+83.95 Ahd. = P.O.T. 1524+83.95 Bk.

EQUATION: P.O.T. 1539+12.41 Ahd. = P.O.T. 1538+24.38 Bk.

TO PAYSON 15 MI.

200' EXIST. R/W PER R/W PROJECT S-456-701 (S.R. 188)

S.B. SURV. ℄

N.B. SURV. ℄

P.O.T. 1516+79.64 N.B. SURV. ℄

EQUATION: P.O.C. 1336+36.68 OFF & CONSTR. ℄ Bk. = P.O.C. 1336+33.80 S.B. SURV. ℄ (1970) Bk. = P.O.C. 1336+38.68 S.B. ℄ SURV. ℄ Ahd.

P.O.T. 1324+00.00 N.B. SURV. ℄

NOTE: SEE SHEETS 4 THRU 10 FOR ℄ CURVE DATA INFORMATION

NOTE: CONSTR PROJ. BP-053-1-511 LIMITS ARE S.S. 1322+00 TO 1442+00. AND N.B. 1324+00 TO 1441+84.36

NOTE: BEGIN PROJ. B-053-1-512 N.B. T.S. 1441+84.36. S.B. P.O.C. 1442+00.00

TO JAKES CORNER 2 MI.

END CONST. PROJ. B-053-1-512 N.B. P.O.C. 195+80.10

END R/W PROJ. F-053-1-808 D-4-T-346

R/W PROJECT F-053-1-810

BEGIN R/W PROJ. F-053-1-812

VICINITY MAP

Scale: 1" = 1000'

REDUCED SIZE DO NOT SCALE

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-810
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-365
6048	8-9-82	R.L.R	Added stock pond, dyke, channel &	SHEET NO.	4 of 10
"	"	"	pipes, c/o as per C.E.S. 511	DRAWN BY	RLRP
6148	3-18-83	R.L.R	Chng'd & Added Proj. constr. proj. N.B.&	DATE COMP.	12-31-81
"	"	"	S.B. BID 511	SCALE	1" = 100'

S.B. & CURVE DATA
TOTAL CURVE
I = 55° 11'50" Lt.
R+"o" = 1149.19'
T = 750.66'
L = 1403.94'
MAIN CURVE
Δ = 40° 11'50"
D = 5° 00'00"
R = 1145.92'
L = 803.94'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

S.B. & CURVE DATA
TOTAL CURVE
I = 12°00'00" Rt.
R+"o" = 1434.07'
T = 270.70'
L = 540.00'
MAIN CURVE
Δ = 2°24'00"
D = 4°00'00"
R = 1432.39'
L = 60.00'
SPIRAL
Δ = 4°48'00'
L = 240.00'
t = 119.97'
"o" = 1.68'
a = 1 2/3

BEGIN CONSTR. PROJ.
BP-053-1-511
P.O.S. 1322+00.00 S.B.

C.S. 1320+42.43 L.T.B. N. 8°20'03"E.

ST. 1323+42.43

T. 7 N. R. 9 E.

UNSURVEYED

EXIST. R/W

FND. COR., 3" PIPE CAPPED & STAMPED

1442.8' (R)

ST. 1321+54.68 S.B. SURV. & (1970)

617.8' (R) S.34°00'E. (R)

ORD No. 19 M.S. No. 4086

S.R. 87

S.B. SURV. & (1970)

OFF & CONSTR. ℄ N.87°29'03"E.

EXIST. R/W

ORD No. 18 M.S. No. 4086

T.S. 1327+99.51 S.B. SURV. & (1970)

S.89°16'17"E.

342.60'

1497.4' (R) N.69°55'E. (R)

POT. 1324+00.00

FND. COR., 3" PIPE CAPPED & STAMPED

ST. 1321+69.97

1442.8' (R)

N.B. SURV. & CONSTR. ℄

S.B. OFF. & CONSTR. ℄

N.B. SURV. & CONSTR. ℄

397.06'

N.86°51'32"E.

New 4 Wire Game Fence

T.S. 1327+42.60

NEW R/W

ORD No. 12 M.S. No. 4086

ORD No. 11 M.S. No. 4086

ORD MINING CLAIMS MINERAL SURVEY No. 4086

FND. COR., 3" PIPE CAPPED & STAMPED

POS. 1307+60.00

POT. 1324+00.00

1442.8' (R)

617.8' (R) S.34°00'E. (R)

N.69°55'E. (R) 1497.4' (R)

END CONSTR. PROJ. RF-053-1(8)

BEGIN CONSTR. PROJ. BP-053-1-511

BEGIN R/W PROJ. F-053-1-810

TONTO NATIONAL FOREST

T.S. 1327+60.45

S.C. 1330+60.45 L.T.B. N. 79°39'03"E.

FND. COR., 3" PIPE CAPPED & STAMPED

N. 69°55'E. (R) 1497.4'(R)

273.62' N.85°06'15"E.

200.00' Lt. S.B. SURV. ℄ P.O.C. 1336+59.51 L.T.B. N.50°01'52"E.

R=945.92' L=663.63'

EQUATION: P.O.C. 1331+04.39 OFF & CONSTR. ℄ = S.C. 1330+99.51 S.B. SURV. ℄ (1970)

S.B. SURV. (1970) & OFF & CONSTR. ℄

EXIST. 4-B.W. FENCE

WARRANTY DEED TO THE STATE OF ARIZ. DATED 2-4-75, REC. 4-9-75 DKT. 377 O.R., Pgs. 148-152.

N.B. SURV. & CONSTR. ℄

200' HWY. ESMT. TO GILA COUNTY DATED 11-9-50, REC. 11-21-50 BK. 19 OF Pds. TO MINES, Pg. 395.

L=812.93'

R=1154.93'

EXIST. DIRT RD.

S.C. 1331+02.60 L.T.B. N. 79°55'43"E.

N.B. & CURVE DATA
TOTAL CURVE
I = 61° 55'46" Lt.
R+"o" = 960.58'
T = 756.16'
L = 1392.16'
MAIN CURVE
Δ = 40° 19'46"
D = 6° 00'00"
R = 954.93'
L = 672.16'
SPIRAL
Δ = 10°48'00"
L = 360.00'
t = 179.79'
"o" = 5.65"
a = 1 2/3

EQUATION: P.O.C. 1336+38.68 OFF & CONSTR. ℄ Bk. = P.O.C. 1334+33.80 S.B. SURV. ℄ (1970) Bk. = P.O.C. 1336+38.68 S.B. SURV. ℄ Ahd.

END R/W PROJ. F-053-1-808 Map No. D-4-T-346

FND. COR., 3" PIPE CAPPED & STAMPED

STOCK POND & Dyke

T.C.E.

N.34°40'01"E. 273.62

New 108" C.M.P.

PROTRACTED SECTION LINE

New 4 Wire Game Fence

N.33°56'21"E. 256.67'

NEW R/W

L = 68.38' R = 1632.39'

T.S. 1342+94.89

S.C. 1345+05.27 L.T.B. N.39°29'13"E.

S.C. 1345+34.89 L.T.B. N.37°05'29"E.

PROTRACTED MID-SEC. LINE

ST. 1346+34.89

T.S. 1349+40.00

273.62' N.41°54'25"E.

105.11'

N.42°38'05"E. 256.67'

New 48" C.M.P.

N.44°17'15"E.

MATCH LINE

EXIST. R/W

N.48°05'59"E.

SLOPE LIMITS

N.32°17'15"E.

S.B. SURV. & CONSTR. ℄

EXIST. R/W

273.62' N.45°43'11"E.

L = 71.00' R = 945.92'

75.00' N.48°05'59"E.

EXIST. STOCK TANK

EXIST. 60" CMP

N.26°41'51"E.

273.62' N.31°10'45"E.

NEW R/W

124.21'

N.32°34'08"E.

397.06'

T.S. 1342+34.76

T.S. 1342+58.97

S.C. 1345+58.97 L.T.B. N.36°11'51"E.

S.C. 1345+44.98 L.T.B. N.40°35'53"E.

ST. 1349+44.98

MATCH LINE

N.69°55'E. (R) 1498.7'(R)

617.8' (R) S.34°00'E. (R)

S.C. 1337+74.76 L.T.B. N.39°35'51"E.

ORD No. 10 M.S. No. 4086

FND WITNESS COR., 3" PIPE CAPPED & STAMPED

REDUCED SIZE DO NOT SCALE

N.B. & CURVE DATA
TOTAL CURVE
I = 19° 18'02" Rt.
R+"o" = 1149.19'
T = 345.32'
L = 686.01'
MAIN CURVE
Δ = 4° 18'02"
D = 5° 00'00"
R = 1145.92'
L = 86.01'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

PARCEL INSERT

SR 87

ORD MINING CLAIMS M.S. No. 4086

4-233 4-232 4-231

1320 1325 1330 1335 1340 1345 1350

CHECKED BY: Gary Cooper

HARD COPY. 8115 M-1 7087 M-1

Click here for US 93 Index

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-810
C.O. No	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-365
6048	8-9-82	R.L.A.	Chgd. Rds. Rt. & Lt. Under. Added C.G.'s, pipes	SHEET NO.	5 of 10
"	"	"	& T.C.E. on Rt. Removed R/W Lt. 1368+82 etc.	DRAWN BY	HENRY
"	"	"	See C.O. For Complete Revisions. C.E.S. 511.	DATE COMP.	12-31-81
6148	3-10-83	R.L.A.	Added Gate Lt. 1366+3.B.; C.G. Rt. 1360+	SCALE	1" = 100'
"	"	"	50ft N.B., etc. BID 511.		

HARD COPY: 8115 M-1 CHECKED BY: Lynn Hayes

T.7 N. R.9 E. UNSURVEYED

S.B. & CURVE DATA
TOTAL CURVE
I = 39° 25' 56" Lt.
R+"o" = 1149.19'
T = 561.75'
L = 1088.65'
MAIN CURVE
Δ = 24° 25' 56"
D = 5° 00' 00"
R = 1145.92'
L = 488.65'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

S.B. & CURVE DATA
TOTAL CURVE
I = 36° 45' 00" Rt.
R+"o" = 2292.56'
T = 861.52'
L = 1670.00'
MAIN CURVE
Δ = 31° 45' 00"
D = 2° 30' 00"
R = 2291.83'
L = 1270.00'
SPIRAL
Δ = 2° 30' 00"
L = 200.00'
t = 99.99'
"o" = 0.73'
a = 1 1/4

N.B. & CURVE DATA
TOTAL CURVE
I = 43° 08' 04" Lt.
R+"o" = 1149.19'
T = 604.15'
L = 1162.69'
MAIN CURVE
Δ = 28° 08' 04"
D = 5° 00' 00"
R = 1145.92'
L = 562.69'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

N.B. & CURVE DATA
TOTAL CURVE
I = 36° 53' 56" Rt.
R+"o" = 2292.56'
T = 864.82'
L = 1675.95'
MAIN CURVE
Δ = 31° 53' 56"
D = 2° 30' 00"
R = 2291.83'
L = 1275.95'
SPIRAL
Δ = 2° 30' 00"
L = 200.00'
t = 99.99'
"o" = 0.73'
a = 1 1/4

315' SPECIAL USE PERMIT FOR 345 KV TRANS. LINE TO A.P.S., EXPIRES 5-26-2011.

PROTRACTED SECTION LINE

MATCH LINE

NEW R/W

NEW CHANNEL w/BANK PROTECTION

New #2 Gate

New 4 Unit C.G. No Gate

New 4 Wire Game Fence R=945.92' L=403.36'

New 120" Str. Plate Pipe

EXIST. ELEC. TRANSMISSION TOWERS

New 36" C.M.P. SLOPE LIMITS

New 48" C.M.P.

EXIST. 14' GATE

EXIST. 4-B.W. FENCE

S.R. 87

NEW 16'X14' VEHICULAR UNDERPASS

EXIST. C.G. w/ 17' GATE

EXIST. 10'X8' C.B.C.

S.B. SURV. & CONSTR. ℄

N.B. SURV. & CONSTR. ℄

New 42" C.M.P.

EXIST. 26" C.M.P.

EXIST. R/W

EXIST. 9' GATE

EXIST. 15' GATE

EXIST. STOCK TANK - RELOCATE 225' Rt. 1369+50 N.B.

New 4 Unit C.G. No Gate

New 4 Wire Game Fence

EXIST. DIRT RD.

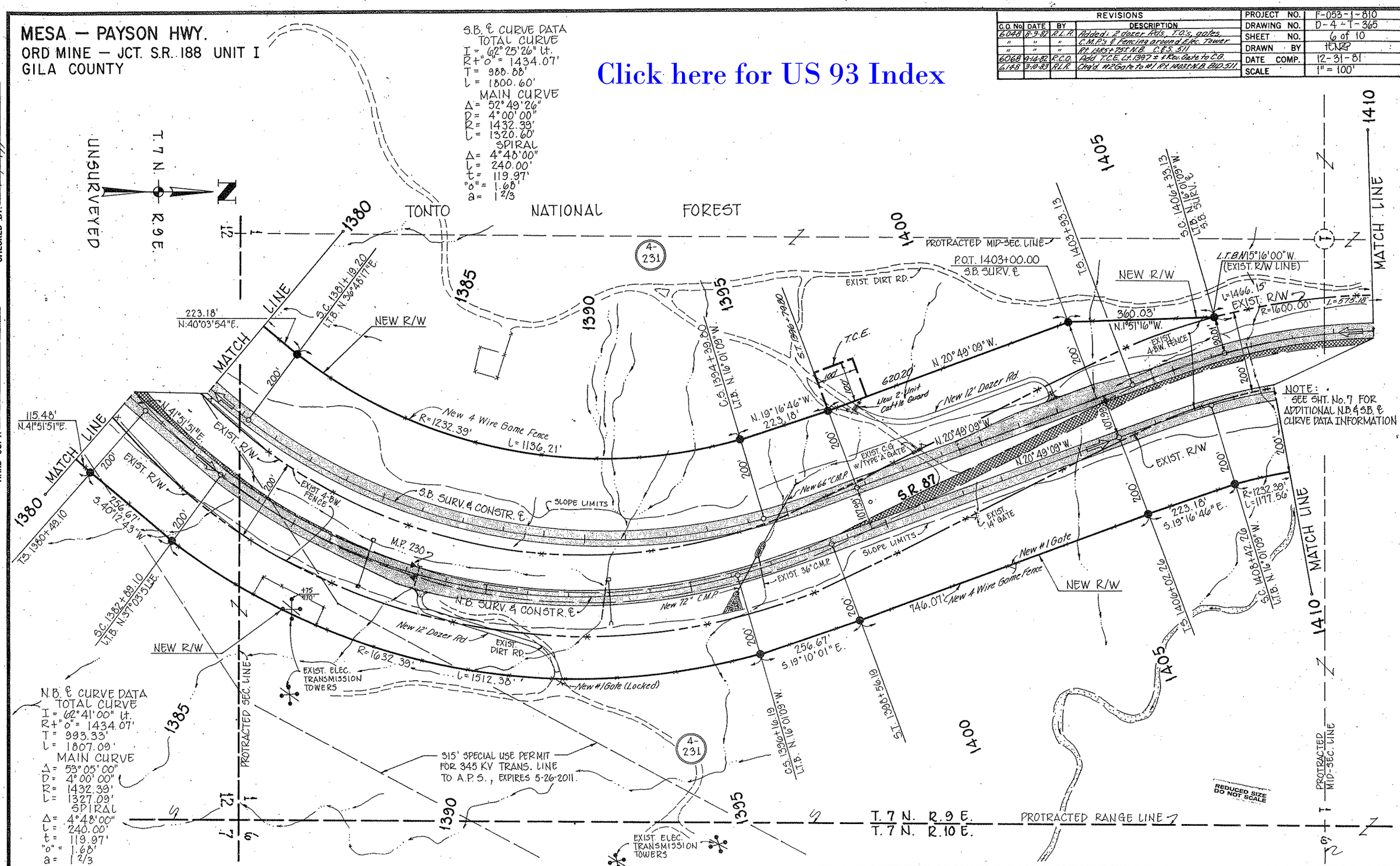
Exist. Gate & Corral

T.C.E.

TONTO NATIONAL FOREST

REDUCED SIZE DO NOT SCALE

Click here for US 93 Index


MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY
S.B. ℄ CURVE DATA
TOTAL CURVE
I = 62°25'26" Lt.
R+"o" = 1434.07'
T = 988.88'
L = 1800.60'
MAIN CURVE
Δ = 52°49'26"
D = 4°00'00"
R = 1432.39'
L = 1320.60'
SPIRAL
Δ = 4°48'00"
L = 240.00'
t = 119.97'
"o" = 1.68'
a = 1 2/3
Click here for US 93 Index
REVISIONS
C.O. No. | DATE | BY | DESCRIPTION
6048 | 8-9-82 | R.L.R. | Added: 2 dozer Rds, T.O.'s, gates, C.M.P.'s & Fencing around Elec. Tower
" | " | " | Rt. 1385+75± N.B. C.E.S. 511
6068 | 9-14-82 | R.C.O. | Add T.C.E. Lt. 1397± & Rev. Gate to C.G.
6148 | 3-10-83 | R.L.R. | Chg'd. #2 Gate to #1 Rt. 1403± N.B. BID 511
PROJECT NO. F-053-1-810
DRAWING NO. D-4-T-365
SHEET NO. 6 of 10
DRAWN BY HLNR
DATE COMP. 12-31-81
SCALE 1" = 100'
UNSURVEYED
T. 7 N. R. 9 E.
TONTO NATIONAL FOREST
MATCH LINE
PROTRACTED MID-SEC. LINE
P.O.T. 1403+00.00
S.B. SURV. ℄
EXIST. DIRT RD.
NEW R/W
EXIST. R/W
L.T.B. N 15°16'00" W. (EXIST. R/W LINE)
L=1466.15'
R=1600.00'
L=575.18'
360.03'
N.1°51'16" W.
EXIST. 4-B.W. FENCE
N 20°49'09" W.
620.20'
New 2-Unit Cattle Guard
New 12' Dozer Rd.
T.C.E.
N.19°16'46" W.
223.18'
C.S. 1394+39.80
L.T.B. N.16°01'09" W.
S.T. 1396+79.80
223.18'
N.40°03'54" E.
S.C. 1381+19.20
L.T.B. N.36°48'17" E.
New 4 Wire Game Fence
R=1232.39'
L=1136.21'
115.48'
N.41°51'51" E.
EXIST. R/W
EXIST. 4-B.W. FENCE
S.B. SURV. & CONSTR. ℄
SLOPE LIMITS
M.P. 230
N.B. SURV. & CONSTR. ℄
New 12' Dozer Rd.
EXIST. DIRT RD.
R=1632.39'
L=1512.38'
New #1 Gate (Locked)
EXIST. ELEC. TRANSMISSION TOWERS
S.R. 87
EXIST. C.G. W/TYPE 'A' GATE
New 66" C.M.P.
EXIST. 36" C.M.P.
New 72" C.M.P.
EXIST. 14' GATE
New #1 Gate
New 4 Wire Game Fence
746.07'
256.67'
S.19°10'01" E.
223.18'
S.19°16'46" E.
R=1232.39'
L=1177.56'
S.C. 1408+42.26
L.T.B. N.16°01'09" W.
T.S. 1406+02.26
S.C. 1382+89.10
L.T.B. N.37°03'51" E.
T.S. 1380+49.10
256.67'
S.40°12'43" W.
N.B. ℄ CURVE DATA
TOTAL CURVE
I = 62°41'00" Lt.
R+"o" = 1434.07'
T = 993.33'
L = 1807.09'
MAIN CURVE
Δ = 53°05'00"
D = 4°00'00"
R = 1432.39'
L = 1327.09'
SPIRAL
Δ = 4°48'00"
L = 240.00'
t = 119.97'
"o" = 1.68'
a = 1 2/3
315' SPECIAL USE PERMIT FOR 345 KV TRANS. LINE TO A.P.S., EXPIRES 5-26-2011.
EXIST. ELEC. TRANSMISSION TOWERS
T. 7 N. R. 9 E.
T. 7 N. R. 10 E.
PROTRACTED RANGE LINE
PROTRACTED MID-SEC. LINE
REDUCED SIZE DO NOT SCALE
NOTE: SEE SHT. No. 7 FOR ADDITIONAL N.B. & S.B. ℄ CURVE DATA INFORMATION.
CHECKED BY.
HARD COPY. 8115 M-1

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

Click here for US 93 Index

S.B. & CURVE DATA
TOTAL CURVE
I = 64°42'00" Rt.
R+"o" = 1434.07'
T = 1028.31'
L = 1857.50'
MAIN CURVE
Δ = 55°06'00"
D = 4°00'00"
R = 1432.39'
L = 1377.50'
SPIRAL
Δ = 4°48'00"
L = 240.00'
t = 119.97'
"o" = 1.68'
a = 1 2/3

S.B. & CURVE DATA
TOTAL CURVE
I = 58° 10'34" Lt.
R+"o" = 1149.19'
T = 789.23'
L = 1463.52'
MAIN CURVE
Δ = 43° 10'34"
D = 5° 00'00"
R = 1145.92'
L = 863.52'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

REVISIONS				PROJECT NO.	F-053-1-810
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-365
6048	8-982	R.L.B.	Added C.M.P.'s, box & fencing & New R/W	SHEET NO.	7 of 10
"	"	"	E.T.C.E. Lt. S.B. P.O.C. 1411+75 to 1413+	DRAWN BY	HENRY
"	"	"	00.0 etc. C.E.S. 511.	DATE COMP.	12-31-81
				SCALE	1"=100'

CHECKED BY: Gary Hagen

HARD COPY 8115 M-1

PROTRACTED MID-SEC. LINE

PROTRACTED TWP. LINE

UNSURVEYED

TONTO NATIONAL FOREST

1410 1415 1420 1425 1430 1435 1440

MATCH LINE

190' Lt. S.B. P.O.C. 1411+75.00
Exist. Dirt Rd.
T.C.E. R=1622.39' L=141.58'
115' Lt. S.B. P.O.C. 1411+75.00
87.84' Lt. S.B. P.O.C. 1411+75.00 L.T.B. N5°19'30"E. Exist. L=575.18'
190' Lt. S.B. P.O.C. 1413+00.00
115' Lt. S.B. P.O.C. 1413+00.00
88.88' Lt. S.B. P.O.C. 1413+00.00
EXIST. DIRT RD.
EXIST. R/W
EXIST. 14' TYPE 'A' GATE
F.T.B. Exist. N10°04'58"E.
L=1466.15' R=1600.00'
L=758.26' R=1600.00'
EXIST. 4-B.W. FENCE
NEW R/W
EXIST. 8'X7' C.B.C.
EXIST. R/W
200'
L.T.B. N.37°14'10"E. (EXIST. R/W LINE)
C.S. 1420+10.63 L.T.B. N.38°04'51"E. S.B. SURV. ℄
4-231
NEW R/W
S.T. 1422+50.63
T.S. 1423+25.63
N.21°36'25"E. 268.69'
75.00'
200'
N.41°30'03"E. 273.62'
S.C. 1426+25.63 L.T.B. N.36°22'51"E.
New 4 Wire Game Fence R=945.92' L=712.81'
SLOPE LIMITS
New 48" C.M.P.'s
EXIST. 36" C.M.P.
N.43°52'51"E.
N.43°31'39"E.
S.B. SURV. & CONSTR. ℄
N.B. SURV. & CONSTR. ℄
S.R. 87
L=1177.56'
R=1232.39'
New 10'x9' R.C. Box
223.18' S.41°59'16"W.
325.93' S.40°55'39"W.
New 4 Wire Game Fence
R=1345.92' L=914.92'
C.S. 1422+10.92 L.T.B. N.38°43'39"E.
S.T. 1424+50.92
T.S. 1425+25.92
S.C. 1428+25.92 L.T.B. N.36°01'39"E.
T.7 N. R.9 E.
T.7 N. R.10 E.
PROTRACTED RANGE LINE
T.8 N. R.9 E.
T.8 N. R.10 E.
S.T. 1437+89.15
S.C. 1434+64.15
T.S. 1438+64.15
N.12°38'35"W. 256.67'
N.11°54'55"W. 273.62'
N.10°25'15"W.
N.14°17'45"W.
N.0°02'45"W. 2639.44'
RANGE LINE
117.64'
136.85'
119.41'
S.T. 1439+04.89
T.S. 1439+91.75
200.00' R.M.B. & T. to P.O.C. 1439+91.75
S.C. 1443+04.89
S.1°49'15"E.
325.93'
N.1°49'15"W.
LOT 4
FND. 1/4 COR. 8" X 11" X 15" STONE 1/4 CHISELED W. FACE
FND SEC. COR. 6" X 8" X 8" STONE 6 GROOVES E. 6 GROOVES W.
ASSUMED TWP. LINE

N.B. & CURVE DATA
TOTAL CURVE
I = 64°20'48" Rt.
R+"o" = 1434.07'
T = 1022.12'
L = 1848.66'
MAIN CURVE
Δ = 54°44'48"
D = 4°00'00"
R = 1432.39'
L = 1368.66'
SPIRAL
Δ = 4°48'00"
L = 240.00'
t = 119.97'
"o" = 1.68'
a = 1 2/3

N.B. & CURVE DATA
TOTAL CURVE
I = 53°56'54" Lt.
R+"o" = 1149.19'
T = 734.80'
L = 1378.97'
MAIN CURVE
Δ = 38°56'54"
D = 5°00'00"
R = 1145.92'
L = 778.97'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

REDUCED SIZE DO NOT SCALE

Click here for US 93 Index

MESA — PAYSON HWY.
ORD MINE — JCT. S.R 188 UNIT I
GILA COUNTY

HARD COPY. 8115 M-1 CHECKED BY: Gary Hoppes

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
6.048	8-9-82	R.L.R.	Added New 60" C.M.P. & game fencing on R.P.E.D. & Rd. Conn. & End Constr. Proj. Limits
"	"	"	C.E.S. 511.
6.148	3-10-83	R.L.R.	Revised Connection Rd. & Chg'd. End S.B.E.N.B. Constr. &'s. BID 511
6644	5-8-84	L.M.	Rev. Constr. Proj. Limits on N.B. & to 1465+00.
7374	9-24-86	H.E.	Added New R/W & Temp. Const. Esmt.
7426	12-17-86	R.J.	REVISED & ADDED CONST. PROJ. LMTS.
7499	5-7-87	REV.	Moved Slp. Esmt. to 1464+00, Added Pipes

PROJECT NO.	F-053-1-810
DRAWING NO.	D-4-T-365
SHEET NO.	8 of 10
DRAWN BY	HEN
DATE COMP.	12-31-81
SCALE	1" = 100'

S.B. ℄ CURVE DATA
TOTAL CURVE
I = 120° 25' 48" Rt.
R + "o" = 1434.07'
T = 2625.52'
L = 3250.75'
MAIN CURVE
Δ = 110° 49' 48"
D = 4° 00' 00"
R = 1432.39
L = 2770.75'
SPIRAL
Δ = 4° 48' 00"
L = 240.00'
t = 119.97'
"o" = 1.60'
a = 1 2/3

FND. 1/4 COR.
8" x 11" x 15" STONE
1/4 CHISELED W FACE

L.T.B. N. 5° 18' 57" E.

4-231

NATIONAL FOREST

P.O.C. 1454+56.28
S.B. SURV. & CONSTR. ℄
RANG LINE TIE
L.T.B. N 44° 35' 24" E

T. 8 N. R. 9 E.
T. 8 N. R. 10 E.
710.36'
978.03'

MID-SEC. LINE

LOT 2

1455 1460 1465 1470

UNSURVEYED

BEGIN CONSTR. PROJ.
B-053-1-512

END CONSTR. PROJ.
BP-053-1-511

New 4 Wire Game Fence

L = 1732.54'

R = 1632.39'

200'

EXIST. DIRT RD.

L = 1425.07'

SLOPE LIMITS

S.B. SURV. & CONSTR. ℄

Connection Rd. ℄

EXIST. 4-BW. FENCE

EXIST. 36" C.M.P.

New 60" C.M.P.

268.67'

285.91'

S.R. 87

N.B. SURV. & CONSTR. ℄

SLOPE LIMITS

EXIST. 14' GATE

EXIST. 15' GATE

NEW R/W

EXIST. R/W

412.54'

R = 1175.10'

P.T. 1458+07.95
End Connection Rd.

L = 1152.95'

POC 1454+42.48
N.B. SURV. & CONSTR. ℄
RANGE LINE TIE
L.T.B. N. 36° 47' 33" E.

L.T.B. S. 20° 28' 24" W.

L = 526.80'

New 4 Wire Game Fence

N. 0° 02' 45" W.
2639.44'

936.26'

RANGE LINE

N. 12° 36' 35" W.
256.67'

EXIST. DIRT RD.

N. 9° 29' 43" W.
C.S. 1441+04.15

MATCH LINE

N. 10° 25' 15" W.

S. 8° 45' 11" E.
231.74'

C.S. 1444+34.36
L.T.B. N. 37° 12' 45" W.

192.62'

C.S. 1441+84.36

278.47'

NEW R/W

END CONST. PROJ. N.B.
BP-053-1-511

BEGIN CONST. PROJ.
B-053-1-512

FND. SEC. COR.
6" x 8" x 8" STONE
6 GROOVES E
6 GROOVES W

T. 8 N. R. 9 E.
T. 7 N. R. 9 E.
T. 8 N. R. 10 E.
T. 7 N. R. 10 E.

3 1/2
31
6

117.64'

200.00' ft. N.B. SURV. & CONSTR. ℄
P.O.T. 1439+91.73

LOT 4

1440 1445 1450 1455

N.B. ℄ CURVE DATA
TOTAL CURVE
I = 114° 31' 44" Rt.
R + "o" = 1376.99'
T = 2266.93'
L = 2998.69'
MAIN CURVE
Δ = 104° 06' 44"
D = 4° 10' 00"
R = 1375.10'
L = 2498.69'
SPIRAL
Δ = 5° 12' 30"
L = 250.00'
t = 124.97'
"o" = 1.89'
a = 1 2/3

4-231

1460 1465 1470

LOT 3

APPROX. LOT LINE

200' ℄ 250' L.T.B. N 76° 41' 21" E
P.O.C. 1464+00

N 13° 18' 39" W
50.00'

R = 1125.10'

L = 245.46'

S. 00° 48' 39" E.
50.00'

200' ℄ 250' Lt. P.O.C. 1467+00
L.T.B. N 89° 11' 21" E

L = 199.16'

NEW R/W

C.S. 1469+33.05
L.T.B. S. 01° 06' 01" E.

200'

EXIST. R/W

C.S. 1468+74.90
L.T.B. S. 75° 39' 55" E.

S. 75° 39' 03" E.
256.67'

MATCH LINE

MATCH LINE

2374.7'
N. 77° 33' 35" W.

NE4 SW4

RW/PLANS
FILE SET
REDUCED SIZE
DO-NOT-SCALE

Click here for US 93 Index

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

HARD COPY. 8115 M-1; 8121 M-1 CHECKED BY: Gary Shippen

REVISIONS				PROJECT NO.	F-053-1-810
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-365
7574	9-24-86	HE	Added New R/W. & Temp. Const. Esmt.	SHEET NO.	9 of 10
7499	5-7-87	REJ	Moved Slp. Esmt. to 1481+00, Added Pipes	DRAWN BY	HENRY
				DATE COMP.	12-31-81
				SCALE	1" = 100'

T. 8 N. — R. 10 E.

S.B. & CURVE DATA
TOTAL CURVE
I = 20°00'00" Lt.
R+"o" = 1149.19'
T = 352.55'
L = 700.00'
MAIN CURVE
Δ = 5°00'00"
D = 5°00'00"
R = 1145.92'
L = 100.00'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

S.B. & CURVE DATA
TOTAL CURVE
I = 59°51'50" Lt.
R+"o" = 1149.19'
T = 811.58'
L = 1497.28'
MAIN CURVE
Δ = 44°51'50"
D = 5°00'00"
R = 1145.92'
L = 897.28'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

TONTO NATIONAL FOREST

SE4 NW4 — SW4 NE4 — SE4 NE4 — NE4 SE4 — NE4 SW4 — SE4 SW4 — NW4 SE4

MID-SEC. LINE — MID-SEC. LINE

1470 — 1475 — 1480 — 1485 — 1490 — 1495 — 1500

(31) — (4-231) — (4-231)

MATCH LINE — MATCH LINE — MATCH LINE

NEW R/W — EXIST. R/W — NEW R/W

EXIST. DIRT RD.

EXIST. ELEC. TRANSMISSION TOWERS

EXIST. 14' TYPE 'A' GATE

EXIST. 4-B.W. FENCE

S.R. 87

315' SPECIAL USE PERMIT FOR 345 KV TRANS. LINE TO A.P.S., EXPIRES 5-26-2011.

S.T. 1471+14.90 — P.O.T. 1471+200.00 200' @ 270° Lt. — T.S. 1471+89.89 — N 16°28'05" E. 70'

P.O.S.T. 1473+49.98 — 206.65' @ 276.65' Lt. — S 66°08'05" W. 70'

L.T.B. S. 8°21'55" E. — S.C. 1474+89.89 — C.S. 1475+89.89 — L.T.B. S. 86°21'55" E.

S.T. 1478+89.89 — T.S. 1482+83.95 — S.C. 1485+83.95 — L.T.B. N. 78°33'05" E.

S. 75°31'03" E. 256.67' — 230.07' — N 75°31'21" W. — 134.47' — N 77°25'06" W.

L = 82.55' — R = 945.92' — N. 88°30'53" E. 273.62' — 394.06' N 86°08'05" E — N. 83°45'17" E. 273.62'

R = 945.92' — L = 740.67'

S. 75°53'31" E. 273.71'55" E. — EXIST. R/W — 325.93' N. 78°29'31" W. — 325.93' S. 88°44'05" W. — 325.93' S. 83°32'05" W.

N 77°33'35" W. 150' — 237.41' — 75.00' — T.S. 1472+58.05 — S.T. 1471+83.05 — S 12°26'25" W. 1.57'

L = 69.85' — R = 1345.92' — S.C. 1475+58.05 — L.T.B. S. 83°23'31" E. — L.T.B. S. 86°21'55" E. — C.S. 1476+17.52 — S.T. 1479+17.52

182.48' — 350' — N 86°08'05" E — 21.96' — N 86°08'05" E

N 03°51'55" W 50.00' — N 03°51'55" W 50.00'

P.O.T. 1481+00 200' @ 250' Rt. — APPROX. MID-SEC. LINE — P.O.T. 1484+50 200' @ 250' Rt. — T.S. 1484+71.96 — S.C. 1487+71.96 — L.T.B. N. 78°30'05" E.

P.O.T. 1489+50.00 200' @ 250' Rt. — L.T.B. N. 69°43'58" E. — L = 121.82' — R = 1395.92' — P.O.C. 1490+50.00 — 200' @ 250' Rt. — L.T.B. N. 69°43'58" E.

L = 892.29' — S 25°16'02" E 50' — N. 20°16'02" W. 50'

C.S. 1498+60.69 — L.T.B. N. 26°44'53" E.

N. 28°39'03" E. 273.62' — N. 26°16'15" E. — 410.91' — S.T. 1497+81.23 — L.T.B. N. 33°43'15" E. — C.S. 1494+81.23

325.93' S. 21°50'53" W.

TEMP. CONST. ESMT.

APPROX. 1/16 LINE — APPROX. 1/16 LINE — APPROX. 1/16 LINE

SE4 SW4 — NW4 SE4 — NE4 SE4

N.B. & CURVE DATA
TOTAL CURVE
I = 17°58'24" Lt.
R+"o" = 1149.19'
T = 331.65'
L = 659.47'
MAIN CURVE
Δ = 2°58'24"
D = 5°00'00"
R = 1145.92'
L = 59.47'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

N.B. & CURVE DATA
TOTAL CURVE
I = 66°53'12" Lt.
R+"o" = 1149.19'
T = 908.91'
L = 1337.73'
MAIN CURVE
Δ = 51°53'12"
D = 5°00'00"
R = 1145.92'
L = 1037.73'
SPIRAL
Δ = 7°30'00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

R/W PLANS FILE SET

REDUCED SIZE DO NOT SCALE

MESA — PAYSON HWY.
ORD MINE — JCT. S.R. 188 UNIT I
GILA COUNTY

REVISIONS				PROJECT NO.	F-053-1-810
CC NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-4-T-365
				SHEET NO.	10 of 10
				DRAWN BY	HENRP
				DATE COMP.	12-31-81
				SCALE	1" = 100'

CHECKED BY: Gary Hoggan

8121 M-1

S.B. & CURVE DATA
TOTAL CURVE
I = 49° 06' 00" Rt.
R+"o" = 1149.19'
T = 674.84'
L = 1282.00'
MAIN CURVE
Δ = 34° 06' 00"
D = 5° 00' 00"
R = 1145.92'
L = 682.00'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27
a = 1 2/3

S.B. & CURVE DATA
TOTAL CURVE
I = 23° 00' 00" Lt.
R+"o" = 1149.19'
T = 383.72'
L = 760.00'
MAIN CURVE
Δ = 8° 00' 00"
D = 5° 00' 00"
R = 1145.92'
L = 160.00'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27
a = 1 2/3

N.B. & CURVE DATA
TOTAL CURVE
I = 55° 10' 47" Rt.
R+"o" = 1149.19'
T = 750.44'
L = 1403.60'
MAIN CURVE
Δ = 40° 10' 47"
D = 5° 00' 00"
R = 1145.92'
L = 803.60'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27'
a = 1 2/3

N.B. & CURVE DATA
TOTAL CURVE
I = 22° 03' 25" Lt.
R+"o" = 1149.19'
T = 373.89'
L = 741.14'
MAIN CURVE
Δ = 7° 03' 25"
D = 5° 00' 00"
R = 1145.92'
L = 141.14'
SPIRAL
Δ = 7° 30' 00"
L = 300.00'
t = 149.91'
"o" = 3.27
a = 1 2/3

TONTO NATIONAL FOREST

4-231

315' SPECIAL USE PERMIT
FOR 345 KV TRANS. LINE
TO A.P.S., EXPIRES 5-26-2011

APPROX 1/16 LINE

T. 8 N.
R. 10 E.

SW 4 NE 4

NE 4 NE 4

SE 4 NE 4

NE 4 SE 4

SW 4 NW 4

NW 4 NW 4

SE 4 NW 4

NE 4 NW 4

EXIST. ELEC. TRANSMISSION TOWERS

EXIST. DIRT RD.

EXIST. 4-BW. FENCE

NEW R/W

EXIST. R/W

S.B. SURV. ℄

N.B. SURV. ℄

MID-SEC. LINE

SECTION LINE

ASSUMED SEC. LINE

ASSUMED MID-SEC. LINE

MATCH LINE

MATCH LINE

R=1345.92' L=801.03'

325.93' N.72°46'15"E.

N.28°52'15"E. 325.93'

410.91'

N.26°16'15"E.

N.19°14'53"E.

R=945.92' L=663.34'

273.62' S.21°37'41"W.

325.93' S.21°30'53"W.

49.57' N.19°14'53"E.

N.74°25'40"E.

273.62' S.72°02'52"W.

1163.89' 2028.09' N.0°02'30"W.

N.15°22'15"E.

N.52°22'15"E.

80.95' LT. S.B. SURV. ℄ P.O.S.T. 1510+50.50

TO JCT. S.R. 188 3.21 Mi.

S.R. 87

EXIST. 14' TYPE 'A' GATE

EXIST. 10 GATE

EXIST. 36" C.M.P.

FND. SEC. COR. 4"X8"X5" STONE 1 GROOVE S 5 GROOVES E

FND. 1/4 COR. 6"X8"X8" STONE MARKED 1/4

P.O.S. 1514+74.14 L.T.B. N.19°22'15"E. 2289' S.B. SURV. ℄ SEC. LINE TIE

P.O.S. 1516+29.43 S.B. SURV. ℄ SEC. LINE TIE

P.O.S. 1516+79.64 N.B. SURV. ℄ SEC. LINE TIE

P.O.S.T. 1516+83.75 208.71' Lt. S.B. SURV. ℄ 209.79' N.72°59'27"E.

P.O.S.T. 1516+29.43 132.01' Lt. 215.66'

P.O.T. 1516+79.64 N.B. SURV. ℄ P.O.S.T. 1516+29.43 S.B. SURV. ℄

P.O.T. 1516+19.64 N.B. SURV. ℄ SEC. LINE TIE

P.O.T. 1516+24.01 61.21' N.74°25'40"E.

P.O.T. 1516+67.71 42.94' Rt. N.B. SURV. ℄

P.O.T. 1516+93.38 163.01' 207.58'

S.C. 1504+92.14 L.T.B. N.35°46'15"E.

S.C. 1511+74.14 L.T.B. N.67°52'15"E.

S.C. 1517+74.14 L.T.B. N.67°52'15"E.

S.C. 1519+34.14 L.T.B. N.59°52'15"E.

S.C. 1512+62.86 L.T.B. N.66°55'40"E.

S.C. 1519+93.38 L.T.B. N.66°55'40"E.

S.C. 1521+34.52 L.T.B. N.59°52'15"E.

S.C. 1530+60.12 L.T.B. N.49°22'15"E.

S.C. 1531+93.59 L.T.B. N.49°22'15"E.

S.T. 1501+09.69

T.S. 1501+39.28

S.T. 1512+62.86

S.T. 1515+62.86

S.T. 1522+34.14

S.T. 1524+34.52

T.S. 1528+60.12

T.S. 1529+93.59

1381.95' 1383.84'

END R/W PROJ. F-053-1-810

BEGIN R/W PROJ. F-053-1-812

REDUCED SIZE DO NOT SCALE

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