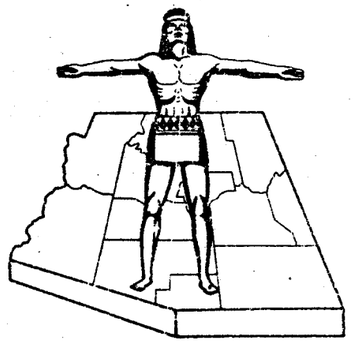


Click here for I-10 Index

STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE
TUCSON-BENSON
STATE HIGHWAY
PROJECT NO. I-10-5(23)301
COCHISE
COUNTY

FED. ROAD DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	ARIZ.	I-10-5(23)301	1	9

RIGHT OF WAY MAP NO. D-2-T-419

ALIGNMENT, RIGHT OF WAY, AND CONTROL OF ACCESS APPROVED IN ACCORDANCE WITH HIGHWAY PLANS.
SHEET 1 THRU 7
DATE Aug 6, 65
ASSISTANT STATE ENGINEER

APPROVED IN ACCORDANCE WITH RESOLUTION DATED: AUG. 26, 1965, MINUTES OF THE ARIZONA HIGHWAY COMMISSION RES. NO. 65-70

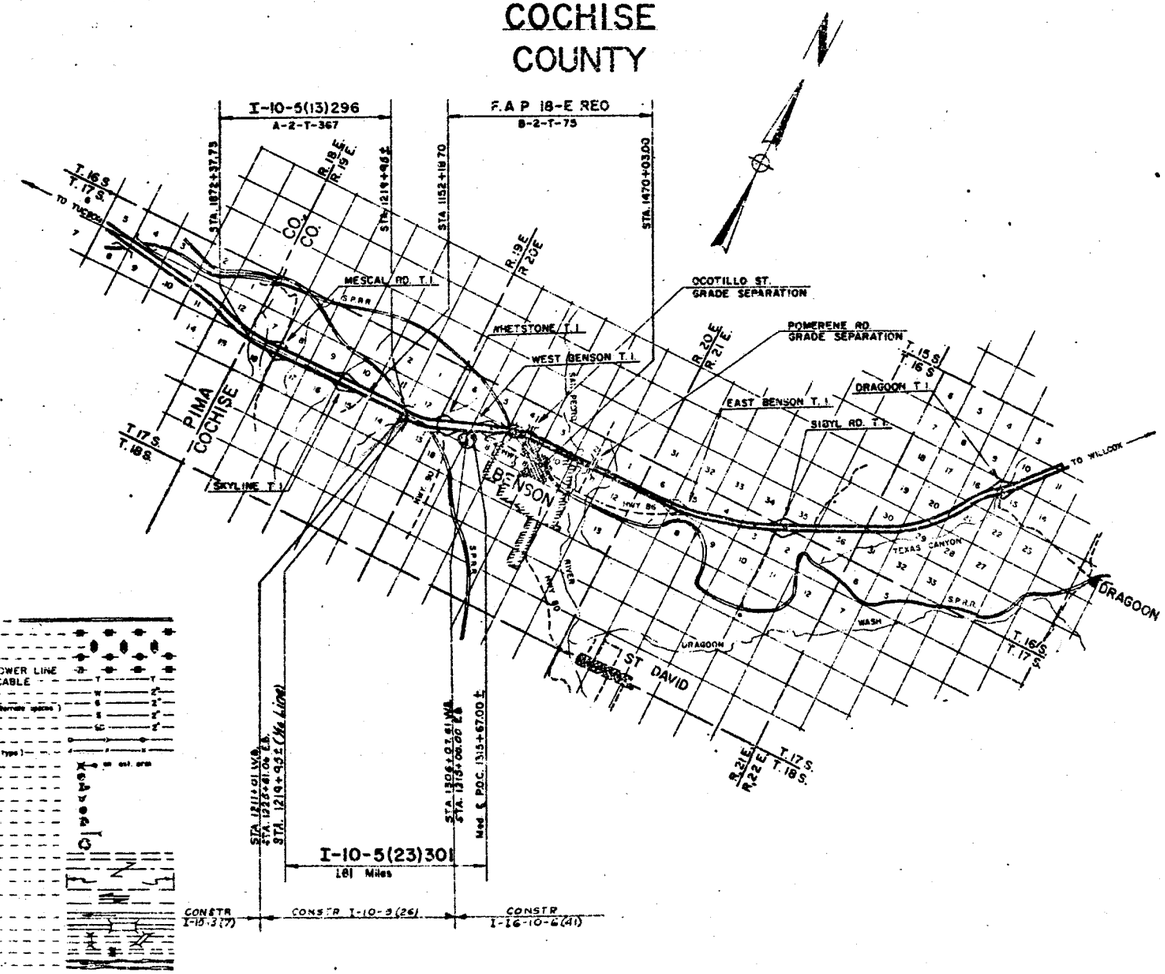
A.F.E. NO. 10454

CO 4073	10/9/74	H MILLS	Finalized Subject to Seq.
5930	11-25-81	PJM	Finalized

RW/PLANS FILE SET

PRINTED
DEC 21 1981
R/W PLANS
PHOENIX, ARIZONA

FINALIZED



CONVENTIONAL SIGNS

HIGHWAY CENTER LINE (New) (Existing)
HIGHWAY R/W LINE (New) (Existing)
CONTROLLED ACCESS (Denied) (open) (Existing)
R.R. R/W COMMON to HIGHWAY R/W (Existing)
R.R. R/W LINE
TOWNSHIP and RANGE LINE
SECTION LINE
1/4 LINE or MID SEC. LINE
1/16 LINE
PROPERTY LINE (not part of a Subdivision)
SUBDIVISION or LOT LINE
ORIGINAL LOT LINE
STATE and NATIONAL BOUNDARIES
COUNTY LINE
CITY LIMITS
LAND GRANTS BOUNDARIES
FOREST, NATIONAL MONUMENTS, MILITARY BASES and INDIAN RESERVATION
SURVEY MEANDER LINE
NEW R/W CONTROL POINT
EXISTING R/W CONTROL POINTS
EXISTING R/W MARKER
PARCEL NUMBER 7-001

RAILROAD TRACK
POWER LINE
POWER TRANSMISSION LINE
TELEPHONE LINE
COMBINATION TELEPHONE & POWER LINE
UNDERGROUND TELEPHONE CABLE
WATER LINE
GAS LINE (Show size of line in alternate spaces)
SEWER LINE
STORM DRAIN
CHAIN LINK FENCE
BARBED WIRE FENCE (call out type)
STREET LIGHT
WATER METER
WATER VALVE
FIRE HYDRANT
GAS METER
GAS VALVE
DOWN GUY
MANHOLE (existing)
ROAD (existing)
PROPERTY ANCHOR BARS
PROPERTY LIMITS ARROWS
TRAFFIC FLOW ARROWS
CANAL, CHANNEL or DITCH
BRIDGE
BOX CULVERTS
CATTLE GUARD
RIVER

ARIZONA HIGHWAY COMMISSION
APPROVED FOR RIGHT-OF-WAY ACQUISITION
STATE HIGHWAY ENGINEER
DEPUTY STATE ENGINEER DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED:
DIVISION ENGINEER DATE

TUCSON-BENSON HWY.
WHETSTONE-BENSON SECTION
COCHISE COUNTY

5930\11-25-81\PJM\Finalized

Click here for I-10 Index

REVISIONS			
C.O.	DATE	BY	DESCRIPTION
780	9-65	J.B.	Changed Areas of Parcels 2-059, 2-060, 2-061 & 2-064.
"	"	"	"
939	1-4-66	Ford	Revised Net on parcel 2-059
1025	3-3-66	Ford	Rev. par. 2-064
3283	5-31-78	W.D.S.	Added Parcel 2-064-A
3981	9-9-78	D.G.M.	Revised Areas Parcels 2-059 & 2-060 & 2-061
4073	10-9-79	H.MILLS	Finalized Subject to Acq. of Parcel

PROJECT NO.	I-10-5(23)301
DRAWING NO.	D-2-T-419
SHEET NO.	2 of 9
DRAWN BY	JIM BRANDON
DATE COMP.	7-30-65
SCALE	

CHECKED BY: John Burgess

HARD COPY

Note:
** Fee Ownership of Parcel 2-061 Resides in Parcel 2-060 by Patent. Southern Pacific Co. has an easement for railroad purposes, 200' in width upon and across Parcel No. 2-060. Southern Pacific Co. granted certain rights to the Highway Department for the purpose of constructing, etc. a highway upon and across said 200' easement.

*** Originally Charged to Project I-10-5(13) To Simplify Bookkeeping All Charges were Transferred To This Project I-10-5(23) Nov. 1966

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	COMMISSION APPROVAL	TYPE & DATE OF INSTRUMENT	RECORDED: DATE	RECORDED: BOOK	RECORDED: PAGE
2-059	Kathryn H. Getzwiller an unmarried Woman	E½ N.W.¼, Sec. 13, T. 17 S., R. 19 E.	~~311.3 Acs. 69.7 Acs.~~	~~10.6 Acs. 0.0 Acs.~~	~~0.6 0.8 Acs. 1.3 Acs~~ 0.6	0.5 Acs.	~~5.4~~ 3.2 Ac. ~~4.7~~ Acs.	297.0 Acs. ~~63.2 Acs.~~	4 & 5	12-31-80	FOC 1-16-81	2-25-81	1488	252-7
2-060	Claudio A. Mendivil	N½ N.E.¼, Sec. 13, T. 17 S., R. 19 E.	236.5 Acs.	~~21.9~~ 27.4 Ac. ~~22.8~~ Acs.	3.2 Acs. ~~3.7 Acs.~~		8.5 Acs. ~~9.3 Acs.~~	~~205.3~~ 200.6 ~~204.4~~ Acs.	5	4-3-75	ACD 9-9-36 FOC 7-9-75	9-16-36 9-19-77	121 1183	48 160-3
** 2-061	Southern Pacific Co.	Part of N½ N.E.¼ Sec. 13, T. 17 S., R. 19 E.	Unknown	3.5 Acs.	~~1.6~~ ** ~~1.7~~ Acs.		Unknown	Unknown	5 & 8	12-19-69	Grant 8-3-66	1-13-70	620	386-90
2-062	Kathryn H. Getzwiller an unmarried Woman	S.E.¼ Sec. 12, T. 17 S., R. 19 E.	274.6 Acs.		0.3 Acs.		274.3 Acs.		5	12-31-80	FOC 1-16-81	2-25-81	1488	252-7
2-063	Kern County Land Co. (A Calif. Corp.)	Lot #1 Sec. 18, T. 17 S., R. 20 E.	48,020.9 Acs.	1.3 Acs.	1.2 Acs.			48,019.6 Acs.	6	7-15-66	W.D. 2-16-66	8-11-66	428	316-17
2-064	Dale & Hester Harlan H/W	Lot #4, E½ SW¼, S.E.¼, Sec. 7, T. 17 S., R. 20 E.	546.7 Acs.	~~50.4 Ac.~~ ~~50.0 Acs.~~	~~23.3~~ 23.7 Ac. ~~23.1~~ Acs.	0.9 Acs.	315.6 Acs.	~~179.8 Ac.~~ ~~180.2 Acs.~~	6 & 7	6-27-69	F.O.C. 12-1-69	12-23-69	617	326-29
2-064-A	Dale & Hester Harlan H/W	PT. of Lot 4 & E½ W½ Sec. 7, T. 17 S. R. 20 E.	495.4 Ac.			1.03 Acs.	314.57 Ac.	179.8 Acs.	6	9-8-72	Drainage Easement 7-26-72	10-27-72	815	302-3
*** 925	Kathryn H. Getzwiller, a married woman	NE¼ NW¼ Sec. 13 & SE¼ SE¼ Sec. 12, T. 17 S. R. 19 E.	60.2 Ac.	15.2 Ac.	4.7 Ac.		278.5 Ac.	297.0 Ac.	4 & 5	7-15-60	F.O.C. 10-6-60	6-15-65	386	405-8

REDUCED SIZE
DO NOT SCALE

DIETZGEN 135 IMPERIAL 128 2-83

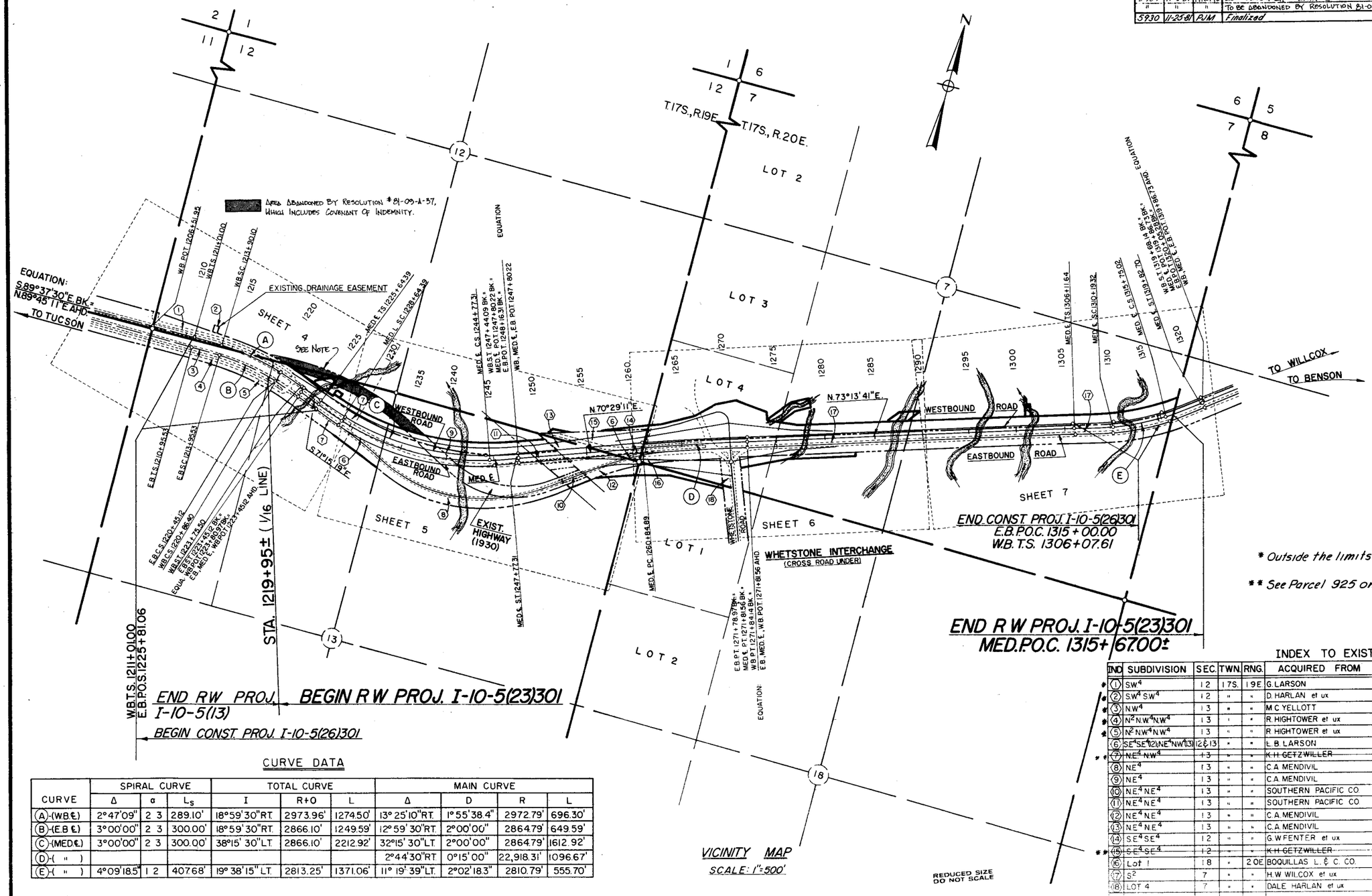
Click here for I-10 Index

TUCSON-BENSON HIGHWAY
WHETSTONE-BENSON SECTION
COCHISE COUNTY

REVISIONS				PROJECT NO.	I-10-5(23)301
780	9-2465	J.B.	Changed Total Sheets to 9; Added New R.W. on So. R.W. Line in N.½ NE.¼ N.W.¼ Sec.13.	DRAWING NO.	D-2-T-419
3283	5-22-72	W.D.S.	Added Drainage Ease. Lt. sta. 1274+00	SHEET NO.	3 OF 9
3381	9-12-72	D.G.M.	Added Exist. Hwy. (1930).	DRAWN BY	JIM BRANDON
4073	10/8/74	H.MILLS	Finalized Subj. to Acq. of Parcel	DATE COMP	5-14-65
B-909	11-2-81	M.ROMO	ADD NOTE & TAP SHOWING AREA OF 'OLD' U.S. 80	SCALE	1"=500'
"	"	"	TO BE ABANDONED BY RESOLUTION 81-09-A-37		
5930	11-25-81	PJM	Finalized		

CHECKED BY: John E. Flanagan

HARD COPY: 6312 M-3, 6312 M-5; R/W Map D-T-2-408; I-10-5(7); I-10-5(27) As Builts; FAP 18(6); F.I. 18(12)



* Outside the limits of This Project.

** See Parcel 925 on Ownership Record.

CURVE DATA

CURVE	SPIRAL CURVE Δ	a	L_S	TOTAL CURVE I	R+O	L	MAIN CURVE Δ	D	R	L
(A)-(WB℄)	2°47'09"	2 3	289.10'	18°59'30"RT.	2973.96'	1274.50'	13°25'10"RT.	1°55'38.4"	2972.79'	696.30'
(B)-(E.B ℄)	3°00'00"	2 3	300.00'	18°59'30"RT.	2866.10'	1249.59'	12°59'30"RT.	2°00'00"	2864.79'	649.59'
(C)-(MED.℄)	3°00'00"	2 3	300.00'	38°15'30"LT.	2866.10'	2212.92'	32°15'30"LT.	2°00'00"	2864.79'	1612.92'
(D)-(")							2°44'30"RT.	0°15'00"	22,918.31'	1096.67'
(E)-(")	4°09'18.5"	1 2	407.68'	19°38'15"LT.	2813.25'	1371.06'	11°19'39"LT.	2°02'18.3"	2810.79'	555.70'

VICINITY MAP
SCALE: 1"=500'

REDUCED SIZE DO NOT SCALE

INDEX TO EXISTING R/W

IND.	SUBDIVISION	SEC.	TWN.	RNG.	ACQUIRED FROM	TYPE	BOOK	PAGE	WDTH	YEAR	PARCEL #
* (1)	S.W.¼	12	17S.	19E	G. LARSON	GRANT	133	69	VAR	1941	Proj. FAP 18(6)
* (2)	S.W.¼ S.W.¼	12	"	"	D. HARLAN et ux	EASE. (D.E.D.)	193	354	50'x75'	1958	926
* (3)	N.W.¼	13	"	"	M.C. YELLOTT	GRANT	133	71	100'	1941	Proj. FAP 18(6)
* (4)	N½ N.W.¼ N.W.¼	13	"	"	R. HIGHTOWER et ux	EASE.	181	482	VAR.	1958	924
* (5)	N½ N.W.¼ N.W.¼	13	"	"	R. HIGHTOWER et ux	EASE.	200	12	22'	1958	924 D
(6)	SE¼ SE¼ 12 NE¼ NW¼ 13	12 & 13	"	"	L. B. LARSON	GRANT	133	62	200'	1941	Proj FAP 18(6)
* * (7)	~~N.E.¼ N.W.¼~~	~~13~~	~~"~~	~~"~~	~~K. H. GETZWILLER~~	~~CONDEMNATION~~	~~386~~	~~405~~	~~VAR~~	~~1960~~	~~925~~
(8)	N.E.¼	13	"	"	C.A. MENDIVIL	GRANT	133	61	200'	1941	Proj. FAP 18(6)
(9)	N.E.¼	13	"	"	C.A. MENDIVIL	EASE.	70	490	VAR	1952	2808
(10)	N.E.¼ N.E.¼	13	"	"	SOUTHERN PACIFIC CO.	AGREEMENT	—	—	100'	1930	Proj. FAP 18(6)
(11)	N.E.¼ N.E.¼	13	"	"	SOUTHERN PACIFIC CO.	EASE.	78	581	200'	1953	3428
(12)	N.E.¼ N.E.¼	13	"	"	C.A. MENDIVIL	EASE.	136	237	200'	1943	Proj. FAP 18(6)
(13)	N.E.¼ N.E.¼	13	"	"	C.A. MENDIVIL	Q.C.D.	121	48	VAR.	1936	Proj. FI 18 E
(14)	S.E.¼ S.E.¼	12	"	"	G.W. FENTER et ux	EASE.	136	238	VAR	1943	Proj FI 18 E
* * (15)	~~S.E.¼ S.E.¼~~	~~12~~	~~"~~	~~"~~	~~K. H. GETZWILLER~~	~~CONDEMNATION~~	~~386~~	~~405~~	~~VAR~~	~~1960~~	~~925~~
(16)	Lot 1	18	"	20E	BOQUILLAS L. & C. CO.	EASE.	136	236	VAR	1943	Proj. FI 18(12)
(17)	S½	7	"	"	H.W. WILCOX et ux	EASE.	136	235	200'	1943	Proj FI 18(12)
(18)	LOT 4	7	"	"	DALE HARLAN et ux	EASE.	306	323	200'	1962	D-188

TUCSON - BENSON HWY.
WHETSTONE - BENSON SECTION
COCHISE COUNTY

Click here for I-10 Index

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
5909	11-7-81	MRCMO	ADD NOTE & ZIP SHOWING AREA OF 'OLD' U.S. 80
"	"	"	BEING ABANDONED BY RESOL. 81-09-A-37.
5930	11-25-81	P.M.	Finalized
9478	4-18-01	D.G.T.	ADDED NOTE RE: NEW DRAIN. ESM'T. A

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
780	9-24-65	J.B.	Major Changes; Refer to Change Order.
1025	3-3-66	Ford	Added road connections
1096	9-18-66	R.R.	Changed plus on B.C. on E.B. to 1208+46.0
			Added 'locked' to desc. of Gate Rt. Sta. 1219
1179	7-20-67	D.W.L.	Added L.T.B. 115° Lt. 1228+67.24
3381	9-12-72	D.G.M.	Added Exist. Highway (1930).
4073	10/9/74	H.MILLS	Finalized Subject to Acq. of Parcel

PROJECT NO.	I-10-5(23)301
DRAWING NO.	D-2-T-419
SHEET NO.	4 of 9
DRAWN BY	JIM BRANDON
DATE COMP.	7-30-65
SCALE	1"=100'

CHECKED BY: John E. Thompson

HARD COPY FOR AR 18(61), FY. 18(12)

6312 F.I. 6487 F.I. 6427 F.I.
6512 W.I. 6312 W.I.
R/W Map 2-T-2-409
2-10-5(7), 2-T-2-(27) As Builts

AFTER C.O. SEE 9478

Surv. P.O.S. 1228+11.00 - 36"x.158"0" C.M.P. & R.C.P. in Pl. - New 36"x.96" C.M.P. Extend Lt., 36"x48" R.C.P. Extend Rt.

Found Sec. Cor. - 1" I.P. with Lead Cap

T.17S. R.12E.

S.E.¼ S.E.¼

1205

W.B. P.O.T. 1206+51.85'

N.0°09'06"W. - 5279.13'

Sec. Line

Found Sec. Cor. - ¾" I.P. with Lead Cap

Exist. No. 1 Gates

W.B. P.O.T. 1208+46.00 - 66.5'x.106'6" Conc. Box in Pl. - To Remain

1210

Exist. B.W. Fence - To Remain

S.W.¼ S.W.¼

W.B. P.O.S. 1213+80.00

W.B. P.O.S. 1213+80.00 Exist. Chain Link Fence - To Remain

E.B. P.O.C. 1216+46.00 - 36"x.164' R.C.P. in Pl. To Remain

1215

AREA ABANDONED BY RESOLUTION # 81-09-A-37, WHICH INCLUDES COVENANT OF INDEMNITY.

Exist. Gate - To Remain

Approx. ⅛ Lin.

W.B. P.O.C. 1217+80.00 - P.O.S. 1227+35.00 - Reset Exist. Chain Link Fence to 8' Rt. of Edge of N. Front Rd. 109' to Exist. North Hwy. R/W Line

1220

W.B. P.O.C. 1220+87.16 - 86.79' Lt.

S.E.¼ S.W.¼

N. Front Rd. P.O.T. 1221+00.00 Begin N. Front Rd. W. Const.

Exist. 4-B.W. Fence - Remove within R/W

S. Front Rd. P.O.T. 1225' ± - 150' New 5'-B.W. Fence

New C.L. 6" Chain Link Fence

New 5'-B.W. Fence

N. Front Rd. W. Rt. P.O.T. 1223+45.00

W.B. P.O.T. 1223+45.00 - 4 to 5' Exist. Fr. Rd.

E.B. P.O.T. 1223+45.00 - 100' Lt.

W.B. P.O.T. 1224+18.00 - 100' Lt.

N.18°44'41"E. - 20.00' (R)

Extend 6.8' Lt. - 1227+Exist. 3-10 x 5-46' C.L.C. to C.L. in Pl.

S.71°15'19"E. - 50.00'

1225

Drainage Easement - New

N.18°44'41"E. - 142.19' (R)

W.B.T.S. 1225+66.48

Surv. 1.5. 1225+66.59

N.18°44'41"E. - 15' (R)

S.18°44'41"W. - 50' (R)

N.71°15'19"W. - 70' (R)

Exist. Highway (1930)

N.18°44'41"E. - 50' (R)

Drainage Easement - New

Exist. Gate - Remove & Reset

W.B. S.C. 1228+16.24

Surv. S.C. 1228+16.24

E.B. S.C. 1228+66.63

New 4' B.W. Fence

1230

Found ¾" I.P. New 5'-B.W. Fence Line

Point 'A' - See Note Below

CURVE DATA
Δ = 25°38' Rt.
D = 2°
R = 2865.0'
T = 651.8
L = 1281.7'

(5)

S.71°15'19"E. - 50.00'

S.71°15'19"E. - 1230.24'

N.62°01'10"E. (R)

S.71°15'19"E. - 1230.24'

Point 'A' - See Note Below

L.T.B. S.79°22'18"E.

S.71°15'19"E.

New R/W

Exist. R/W

Exist. C.L.

New C.L.

W.B.T.S. 1230+30.97

S.71°13'19"E.

925

(2)

E.B. Const. ℄

Slope Limits

N.72°13'41"W. - 300.37' (R)

Point 'B' - See Note Below

E.B.S.C. 1229+61.63

Rem. w/ Old Benson Hwy. Mon.

E.B.T.S. 1229+86.85

Exist. Gate - To Remain

New 4-Wire Fence

Exist. R/W

New R/W

401.77' (R)

100'

Sec. - 1231.32' (R) 1226+85.68 Rem. w/ 4" Pk. in Mon. Well

Old B.M. 1226+85.68 Rem. w/ 4-10"x30" L.P.

(2-059)

For Ownership Insert see Sheet #5.

Exist. Gate - To Remain

Exist. C.L. To Remain

Exist. Gate (Locked) To Remain

E.B.C.S. 1220+45.12

W.B.C.S. 1220+86.40

Exist. 26' Bit. Surf. Front Rd.

Exist. R/W

Exist. A.T.&T. Underground Cable

Road Connections ℄ for Const. Detours

Equation: S.89°37'30"E. Bk. = N.89°45'11"E. Ahd.

Exist. Front Rd. (Sol. Mat'l)

W.B. Const. ℄ Surv.

Sec. Line

N.89°34'34"E.

E.B. Const. ℄ Surv.

1431.39 (R)

2644.89'

1134.22'

1510.67'

2646.56'

11 12 13 14

Exist. R/W

Exist. Front Rd. (Sol. Mat'l)

W.B. Const. ℄ Surv.

66.59' Ahd. P.I.

27°11'R.

110'±

S.72°52'20"E. - 313.24'

L=28.5' to West Line N.E.¼ N.W.¼ Sec. 13

R=2746.79'

N.72°14'42"W. - 293.79'

N.72°13'41"W. - 300.37' (R)

Slope Limits

E.B. Const. ℄

Exist. R/W

New R/W

Exist. C.L.

New C.L.

Match

Exist. 4-B.W. Fence

Exist. Chain Link Fence

Exist. Gate - To Remain

Exist. Gate (Locked) To Remain

Exist. C.L. To Remain

Exist. Gate - To Remain

Approx. Sec. Line

E.B. P.O.T. 1208+46.00 6'x5'x10'6" Conc. Box in Pl. To Remain

Exist. 5-B.W. Fence To Remain

E.B.T.S. 1210+95.53

W.B.T.S. 1211+01.00

E.B.P.O.S. 1211+62.50 36" R.C.P. in Pl. - To Remain

New 4'-6" Chain Link Fence

W.B.S.C. 1213+90.10

E.B.S.C. 1213+95.53

N.E.¼ N.E.¼

N.W.¼ N.W.¼

Note: All existing improvements within New R/W will be removed unless otherwise noted.

BEGIN CONST. PROJ. I-10-5(26)301
W.B.P.O.T. 1211+01.00

New Drain. Esm't to be Acquired under R/W Proj. I-10-5-702 (D-2-T-461) Parcel 2-631

A NEW DRAIN. ESM'T. AT APPROXIMATE STA. 1226 TO 1227, SEE SHEET 1 OF PROJ. I-10-5-702, (6-2-T-461)

STA. 1219+95 ± (Y6 LINE)

Equation:

So. Front Rd. P.O.T. 1221+20.00 Begin Const.

W.B. P.O.T. 1223+28.50

W.B. P.O.T. 1223+50.97 Bk. = E.B.S.T. 1223+45.12 Bk.

W.B., Surv. & E.B. P.O.T. 1223+45.12 New Begin Construction

E. Front Rd. P.O.T. 1223+45.12 Ahd.

E.B. P.O.T. 1223+45.12 - 6.5' Rt.

4 to +11' Exist. Front Rd.

S. Front Rd. P.O.T. 1227+33.64 - 1225+72.34 - New 5'-10"x5'x41'0" C.B.C. to Remain

C.B.C. with New Flume Lt. - 3'x.w. 30' Rt.

Front Rd. P.I. P.O.T. 1225+66.18

E.B.P.O.T. 1224+00.00 - Exist. 5'-10"x5'x5.52' C.B.C. To Remain

E.B.P.O.T. 1224+00.00 - Exist. 3'-10"x5'x41'0"

E.B.T.S. 1225+66.18 - 65' Rt.

2° 05' 43" Lt.

E.B.T.S. 1225+65.08

Sec. - 1231.32' (R) 1226+85.68 Rem. w/ 4" Pk. in Mon. Well

Old B.M. 1226+85.68 Rem. w/ 4-10"x30" L.P.

(2-059)

For Ownership Insert see Sheet #5.

Exist. Gate - To Remain

New 4-Wire Fence

Exist. R/W

New R/W

BEGIN CONST. PROJ. I-10-5(26)301
E.B.P.O.S. 1225 + 81.06 AHD.
= 1225 + 82.73 BK.
END CONST. PROJ. I-10-5(7)

N.E.¼ N.W.¼

END R/W PROJ. I-10-5(13)

BEGIN R/W PROJ. I-10-5(23)301

Point 'A'

Note: Distance & Bearing from Point 'A' to Point 'B' to be used only for writing Parcel 2-060 description.

341.34'

N.17°38'00"E.

Point 'B'

(1)

Total Curve Data	W.B.	E.B.
P.I. Sta.	1217+42.99	1217+24.93
Δ	18°59'30" Rt.	18°59'30" Rt.
R=0"	2973.96'	2866.10'
Ts	641.99'	629.40'
L	1274.50'	1249.59'

(1)

Main Curve Data	W.B.	E.B.
Δ	13°25'10"	12°39'30"
D	1°55'38.4"	2°00'00"
R	2972.79'	2864.79'
L	696.30'	649.59'
Super.	0.036'/Ft.	0.036'/Ft.

(1)

Spiral Data	T.S. to S.C. & C.S. to S.T. W.B.	E.B.
a	2/3	2/3
Δ	2°47'10"	3°00'00"
L	289.10'	300.00'
"0"	1.17'	1.31'
t	144.54'	149.99'
X	288.03'	299.91'
Y	4.68	5.24'

(2)

Spiral Data	T.S. to S.C. W.B.	E.B.	Surv.
	2/3	2/3	2/3
Δ	3°06'59"	2°53'24"	3°00'00"
L	305.76'	294.45'	300.00'
"0"	1.39'	1.24'	1.31'
t	152.87'	147.22'	149.99'
X	305.67'	294.38'	299.91'
Y	5.54'	4.93'	5.24'

Click here for I-10 Index

TUCSON-BENSON HWY.
WHETSTONE-BENSON SECTION
COCHISE COUNTY

REVISIONS			
			DESCRIPTION
780	9-24-65	J.B.	Major Changes, Refer to Change Order.
1096	4/18/66	R.R.	Added new #2 Gate Lt. Sta. W.B. 1237+50
1140	5-66	Ford	Rev. bear. & dist. E. from 260 Rt. in det'l A.
1179	7-20-66	O.W.L.	Revise Bar. on Relocated R/W at 1250 ±
3381	9-12-72	D.G.M.	Added L.T.& 96' Rt. C.S. 1251+47.13 & Exist. Hwy.(1930)
4073	10/9/74	H.MILLS	Finalized Subject to Acq. of Parcel
5930	11-25-81	PJM	Finalized

PROJECT NO.	I-10-5(23)301
DRAWING NO.	D-2-T-419
SHEET NO.	5 of 9
DRAWN BY	JIM BRANDON
DATE COMP.	7-30-65
SCALE	1"=100'

CURVE DATA

Location		Total Curve				Main Curve						Spiral						
No.	P.I. Sta.	Δ	R+"0"	T_s	L	Δ	D	R	T	L	Super	a	$Δ_s$	L_s	"0"	t	x	y
(A)	1236+67.21	38°15'30" Lt.	2747.28'	1109.38'	2146.48'	31°43'38" Lt.	2°05'12"	2745.79'		1520.48'		2/3	3°15'56"	313.00'	1.49'	156.48'	312.89'	5.95'
(B)	1236+89.76	38°15'30" Lt.	2812.18'	1128.28'	2182.61'	32°01'32" Lt.	2°02'18.3"	2810.79'		1571.09'	0.036'/ft.	2/3	3°06'59"	305.76'	1.39'	152.87'	305.67'	5.54'
(C)	1237+08.49	38°15'30" Lt.	2866.10'	1144.10'	2212.92'	32°15'30" Lt.	2°00'00"	2864.79'		1612.92'		2/3	3°00'00"	300.00'	1.31	149.99'	299.91'	5.24'
(D)	1237+27.22	38°15'30" Lt.	2920.03'	1160.04'	2243.43'	32°28'42" Lt.	1°57'47"	2918.79'		1654.53'	0.036'/ft.	2/3	2°53'24"	294.45'	1.24'	147.22'	294.38'	4.95'
(E)	1232+77.22					2°15'44" Rt.	1°00'00"	5729.58'	113.13'	226.22'								
(F)	1243+73.55	See Curve	"F" Data	Above		49°48'30" Lt.	3°00'00"	1909.86'	886.70'	1660.28'			See Spiral	Curve "F"	Data	Above		
(G)	1249+20.44					3°35'29" Lt.	1°00'00"	5729.58	179.63'	359.14'								

REDUCED SIZE DO NOT SCALE

C.D.	DATE	BY	DESCRIPTION
5909	11-2-81	M.ROMO	ADD NOTE & ZIP SHOWING AREA OF 'OLD' U.S. 80 BEING ABANDONED BY RESOL. #81-09-A-37.
"	"	"	

CHECKED BY.

6312 T-1; 6487 I-1; 6427 T-1. 6312 M-3; 6312 M-5 R/W Map D-T-2-408 I-10-5(7); I-10-5(27) F.A.P. 18(6); F.I. 18(12)

HARD COPY

TUCSON-BENSON HWY.
WHETSTONE-BENSON SECTION
COCHISE COUNTY

3283	5-9-72	W.D.S.	Added Parcel 2-064-A
4073	[illegible]	W.I.S.	Finalized Subject to Acq. of Parcel
5930	[illegible]	R.M.	Finalized

REVISIONS			
	DATE	BY	DESCRIPTION
780	9-24-65	J.B.	Major changes; Refer to Change Order.
1025	3-3-66	Ford	Revised per. 2-064 Added road conn.
1049	3-11-66	E.L.R.	Removed Note & Callout Lt. & Rt. Sta. 1283+00 Added new Callout Rt. Sta. 1287+25
1096	4-18-66	R.R.	Added gate to Ctl. Grd. on N. Frt. Rd. Lt. of S. to 1265+
3283	5-19-72	W.D.S.	Added Drainage Ease. Lt. Sta. 1274+00

PROJECT NO.	I-10-5(23)301
DRAWING NO.	D-2-T-419
SHEET NO.	6 of 9
DRAWN BY	JIM BRANDON
DATE COMP.	7-30-65
SCALE	1"=100'

CURVE DATA

	Surv. ℄	E.B.	W.B.
PI	1266+33.33	1266+32.04	1266+34.62
Δ	2°44'30"	2°44'30"	2°44'30"
D	0°15'00"	0°15'21.3"	0°14'57.9"
R	22,918.31'	22,864.31'	22,972.31'
T	548.44'	547.15'	549.73'
L	1096.67'	1094.08'	1099.25'

CHECKED BY.

HARD COPY. F.A.P. 18(6); F.I. 18(12)

Click here for I-10 Index

Click here for I-10 Index

TUCSON-BENSON HWY.
WHETSTONE-BENSON SECTION
COCHISE COUNTY

C.O. No.	DATE	BY	DESCRIPTION
3930	11-2581	PJM	Finalized

REVISIONS			
NO.	DATE	BY	DESCRIPTION
780	9-24-65	J.B.	Major changes; Refer to Change Order.
1025	3-3-66	Ford	Rev. dist. 2315.50 to 1890.50
1096	4-18-66	R.R.	Added "#2" to gate desc. Rt of Lt. 130/+ ℄ Showed wing fencing to ties, corrects at 130/+36.
4073	10/9/74	H. MILLS	Finalized Subject to Acq of Parcel

PROJECT NO.	I-10-5(23)301
DRAWING NO.	D-2-T-419
SHEET NO.	7 of 9
DRAWN BY	JIM BRANDON
DATE COMP.	7-30-65
SCALE	1"=100'

CHECKED BY: Robert Bynum

HARD COPY FILE: 63 14 P1 (1969) P2; 63 14 P1 (1969) P3; 63 14 M-5, 63 14 M-6; R/W Map D-7-2-408; I-10-3(71)270-1(77); I-10-3(71)270-2(77); F.A.P. No. I-10-1(18)6; T.I. 18(12)

T.17S. R.20E.

Approx. Mid Sec. Line

Sec. Corner Not Found

Found ½ Corner - Mound of Stone

North 801.43' Random Sec. Line ℄ to B.O.S.T.

N.W.¼ S.E.¼

N.E.¼ S.E.¼

N.W.¼ S.W.¼

S.W.¼ S.E.¼

S.E.¼ S.E.¼

T.18S. R.19E. / T.18S. R.20E. / T.17S. R.19E. / T.17S. R.20E.

2-063

2-064

1295

1300

1305

1310

1315

1320

Approx. ½ Line

W.B. P.O.T. 1301+36 - New 6"x5"x94" C.B.C.

W.B. P.O.T. 1301+00.00 - 100' Lt.

New Gate #2

Drainage Easement

W.B. P.O.T. 1301+60.00 - 100' Lt.

Surv. 1290+00 - 1316+70± New 5-B.W Fence

W.B. T.S. 1306+02.61 - 100' Lt.

W.B. T.S. 1306+02.61

Surv. ℄ T.S. 1306+11.64

E.A. T.S. 1306+15.70

W.B. S.C. 1310+23.28 - 100' Lt.

W.B. S.C. 1310+23.28

Surv. E.S.C. 1310+19.32

E.B. S.C. 1310+15.50

W.B. C.S. 1315+51.70

Surv. E.C.S. 1315+73.02

E.B. C.S. 1315+97.39

N.57°34'36"E.-97.5' to East Line-Sec.7

W.B. 1315+51.70 - 100' Lt.

Surv. P.O.T. 1312+50 New 36"x270" C.M.P. -Skew 30° Rt

W.B. P.O.T. 1318+29.00 Begin 30:1 Taper

E.B. S.T. 1319+97.39

Surv. ℄ S.T. 1319+02.70

W.B. S.T. 1319+68.14 Bk. - P.O.T. 1319+86.75 Bk. - S.W.P.O.T. 1320+05.25 Bk. - E.B.P.O.T. 1319+86.79 Ahd - W.B., E.B., & Surv. E.P.O.T.

N.73°15'41"E.-2857.61'

N.71°48'05"E.-408.02'(R)

Δ=10°59'54.4" L=509.99' R=2656.79'

N.73°13'41"E.

S.73°13'41"W.-1890.50'

S.71°52'36.3"W.-407.10'

R=2947.79' L=499' to E. Line Sec. 17

P.O.S.T. 267.96 Ahd P.I.

New Fence

Exist. Gate

Exist. Fence - Remove

Remove

Remove

New 5-Wire Fence

New Gate #2

E.B. P.O.T. 1301+36 Exist. 6"x5"x48'6" C.B.C. - Extend: 16'9" Rt.; 18'3" Lt.

Exist. Gate Remove

Temporary Rd. Connection

New Paved Ditch

New Paved Ditch

Slope Limits

Survey ℄

W.B. Const. ℄

E.B. Const. ℄

Exist. R/W

New R/W

Lot 1 / Lot 2 / Lot 3 / Lot 4

T.17S. R.20E.

END CONST PROJ I-10-5(26)301
E.B. P.O.C. 1315+00.00
W.B. T.S. 1306+07.61
BEGIN I-IG-10-6(41)303

END R/W PROJ. I-10-5(23)301
P.O.C. 1315+67.00±

Approx. ½ Line

Sec. Line

EQUATION:

REDUCED SIZE DO NOT SCALE

Total Curve Data	W.B.	E.B.	Surv.
P.I. Sta.	1312+92.97	1313+11.67	1313+02.32
Δ	19°38'15" Lt.	19°38'15" Lt.	19°38'15" Lt.
R+"0"	2759.40'	2867.12'	2813.25'
Ts	685.36'	696.17'	690.68'
L	1360.53'	1381.89'	1371.06'

Main Curve Data	W.B.	E.B.	Surv.
Δ	10°59'54.4"	11°38'15"	11°19'39"
D	2°04'42.1"	2°00'00"	2°02'18.3"
R	2756.79'	2864.79'	2810.79'
L	529.19'	381.89'	555.70'
Super	0.036'/ft.	0.036'/ft.	

Spiral Data T.S. to S.C. & C.S. to S.T.	W.B.	E.B.	Surv.
a	½	½	½
Δ	4°19'10.3"	4°00'00"	4°09'18.5"
L	415.67'	400.00'	407.68'
"0"	2.61'	2.33'	2.46'
t	207.80'	199.97'	203.80'
x	415.43'	399.80'	407.46'
y	10.44'	9.31'	9.85'

TUCSON-BENSON HWY.
WHETSTONE-BENSON SECTION
COCHISE COUNTY

REVISIONS				PROJECT NO.	I-10-5(23)301
C.O No	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-419
720	9-29-65	J.B.	New Detailed Sheet of Parcel 2-061	SHEET NO.	8 of 9
1179	6-29-66	Nunez	Bld. Ld. 42°05'06"E 94.0' is Ld. 25°09'E 97.35'	DRAWN BY	JIM BRANDON
3381	9-13-72	D.G.M.	Added Exist. Hwy. (1930).	DATE COMP.	9-23-65
4073	10/9/74	H. MILLS	Finalized Subject to Acq. of Parcel	SCALE	1" = 50'
5930	11-25-81	PJM	Finalized		

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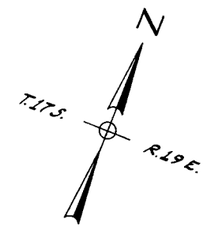


DETAIL SHEET
Southern Pacific R.R. Parcel 2-061

0312-T-1
0312-1-13
Hwy. Plan Adopted (1955) as Built.
Relocation of Old Benson-Vail Hwy.
R.R. Strip Map 1930 (Hwy. Plan No. 2)

HARD COPY. R.R. Strip Map 1930 (Hwy. Plan No. 2) CHECKED BY

E.B. S.T. 1248+10.61
Surv. S.T. 1247+77.31
W.B. S.T. 1247+44.09 Bk.
Surv. P.O.T. 1247+80.22 Bk.
E.B. P.O.T. 1248+16.31 Bk.
= W.B. Surv., E.B. 1247+80.22 Ahd.

S.P.R.R. R/W

W.B. P.O.T. 1249+80.81 - 115' Lt.
W.B. P.O.T. 1250+67.15 - 160' Lt.
W.B. P.O.T. 1251+33.33 - 160' Lt.
W.B. P.O.T. 1252+00.00 - 196' Lt.
W.B. P.O.T. 1253+80.01 - 160' Lt.

1250
1255

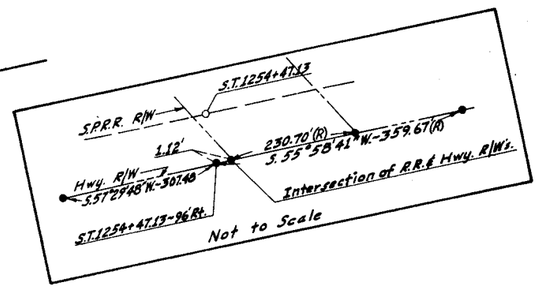
N. 42°07'07"E. 75.77' (R)
N. 81°47'44"E. - 183.57' (R)
Exist. R/W

New R/W
N. 71°30'50"E. - 299.45' (R)
83.7' (R)
N. 70°29'11"E. - 200.59' (R)
S.P.R.R. R/W
S.P.R.R. ℄
100'
100'
℄ North Front Rd.
℄ West Bound Const.
℄ Surv.
℄ East Bound Const.
54'
54'
282.84' (R)
141.42'
141.42' (R)
Surv. ℄ P.O.T. 1250+08.37
80.29'
282.84' (R)
R.R. P.O.T. 1104+60.82 = Hwy. Exist. ℄ P.O.T. 1251+19.02
E.B. ℄ P.O.T. 1250+00 to 1251+33.00
Exist. R.R. Overpass - Remove
N. 70°29'11"E.
Sec. Line S. 89°46'38"E. - 1031.79'(R)
N. 77°55'20"E. - 1038.65' Sec. Cor. Tie
S. 75°01'22"W. - 975.72' Sec. Cor. Tie (Calc. Bearing) (Record Dist.) (Calc.)
(S 74°04'40"W) (R)
Found Cor. 3/4" ø I.P. 1' Above Ground
New Surv. Mon. & Cover
12
7
13
18

Note:
Southern Pacific R.R. Record Bearings were Rotated 0°26'11" Clockwise to obtain Hwy. Dept. datum.

2-061

N 64°30'49"W. 716.32'(R)
N 64°30'49"W. (Calc. R.R. N 64°57'W.)
292.22'
273.18'
141.42'
S.T. 1254+47.13 - Resurv. Old Benson-Vail Hwy.
C.S. 1251+47.13 - Resurv. Old Benson-Vail Hwy.
Exist. Highway (1930)
Resurveyed ℄ Old Benson-Vail Hwy.
Old Benson-Vail ℄ P.O.T. 1254+47 to 1255+86±
Exist. R.R. Overpass - Remove
230.86' (R)
555°04' (R)
69.36'
℄ So. Front. Rd.
45.7' (R)
S 33°30'56"E 99.60'(R)
New R/W
230.02' (R)
Exist. R/W
59.20' (R)
20.26' (R)
N 64°30'49"W
96' Rt. S.T. 1254+47.13
R.R. P.O.T. 1101+48.60
S. 57°29'48"W. - 307.48'(R)
So. Front Rd. P.O.T. 1255+40± New 36"x90' Pipe Culv.
Exist. R/W
R.R. P.C.C. 1100+78.60
North R/W R.R. Curve Data Δ = 1°00'07" R = 5829.65' L = 99.63'
To 96' Rt. of ℄ S.T. 1254+47.13
See Enlargement at Right
230.70'(R)
S. 55°58'41"W. - 359.67'(R)



REDUCED SIZE DO NOT SCALE

* Chord Distances & Bearings Based on Hoods 1/2 Taper Curve.

3 3