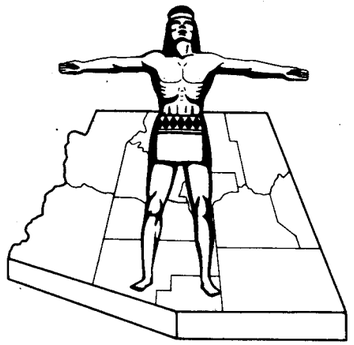
Click here for I-10 Index

FED. ROAD DIVISION	STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS	FINALIZED PLANS
7	ARIZ.	I-10-6(71)	1	38	

DRAWING NUMBER	D-2-T-449

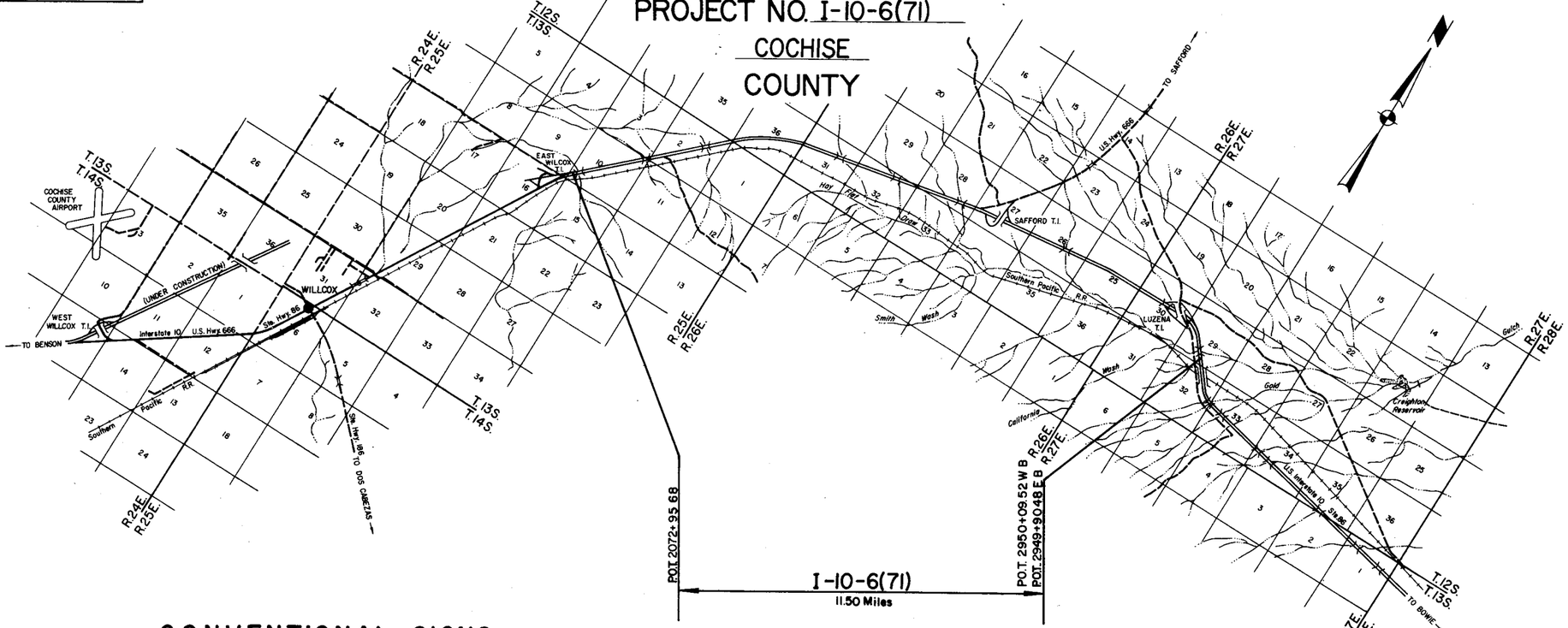
4929	7-29-77	R.M.M.	Finalized

FINALIZED



STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE
BENSON-STEINS PASS
STATE HIGHWAY
PROJECT NO. I-10-6(71)
COCHISE
COUNTY



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-SECTION 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 MARKER
PARCEL NUMBER (7-001)
RAILROAD TRACK
POWER LINE
POWER TRANSMISSION LINE
TELEPHONE LINE
COMBINATION TELEPHONE AND POWER LINE
UNDERGROUND TELEPHONE CABLE
WATER LINE (T)
GAS LINE (W) 2"
SEWER LINE (G) 2"
STORM DRAIN (S) 2"
CHAIN LINK FENCE (SD) 2"
(Show size of line in alternate spaces)

BARBED WIRE FENCE (call out type)
STREET LIGHT
WATER METER
WATER VALVE
DOWN GUY
FIRE HYDRANT
GAS METER
GAS VALVE
MANHOLE (existing)
ROAD (existing)
PROPERTY ANCHOR BARS
PROPERTY LIMITS ARROWS
CANAL, CHANNEL OR DITCH
BRIDGE
BOX CULVERTS
CATTLE GUARD
RIVER
PIPE CULVERTS (New) / (Existing)
DYKE
Gate on extended arm

Approved in accordance with Roadway Plans

DEPUTY STATE ENGINEER — DATE 7-5-72

ARIZONA STATE HIGHWAY COMMISSION
Approved for Right of Way Acquisition in accordance with Resolution Number 71-102 dated 11-5-71

William N. Price — State Highway Engineer

CHIEF DEPUTY STATE ENGINEER — DATE 7-6-72

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Approved:

DIVISION ENGINEER — DATE

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

Click here for I-10 Index

FINALIZED

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
3793	12-5-73	R.R.	Deleted 2-481; chg'd descrip & areas 2-482;
"	"	"	2-496-L1, chg'd owner, 2-487-L1, chg'd "Total" area
3886	5-6-74	WDS	Revised Net & Rem. Lt. Par. 2-495 & Gross Area
3982	7-9-74	WDS	Revised Exmt & Rem. 2-486 & Added 2-496-A & 2-496-A-L1
4329	8-13-75	D.C.M.	Added Parcels 2-487-A & 2-487-A-L-1.
4361	1-2-76	WDS	Added 2-488-A & 2-488-A-L1
4929	7-29-77	R.M.M.	Finalized

PROJECT NO.	I-10-6 (71)
DRAWING NO.	D-2-T-449
SHEET NO.	2 OF 38
DRAWN BY	L.H.H.
DATE COMP.	6-27-72
SCALE	NO SCALE

HENNINGSON, DURHAM, & RICHARDSON
CONSULTING ENGINEERS

T.G. Kane CHECKED BY: D.R. 6-23-72

HARD COPY 663 MI & 6635 MI

OWNERSHIP RECORD — ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA GROSS INCLUDING EXISTING R/W	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
~~2-481~~	~~Joe & Connie Robin, H/W~~	~~Pt Sec 24 Pt Lots 12 & 13, Sec 18, T13S, R25E~~	~~519.68 Ac +10.00 Ac~~	DELETED	~~2.59 Ac.~~	12-5-73	~~517.10 Ac. 0.58 Ac DE~~	~~509.82 Ac.~~	~~5,6~~					
2-482	Transamerica Title Co. as Trustee Trust # 99383 & # 99496	Pt. Lots 209 thru 218, & Pt. Lots 220 thru 274 & Pt. Lots 276 thru 279 of Arizona Bell Subd. Unit 8,	667.22 Ac.		9.35 Ac.		657.87 Ac.		5,6,7,8	10-10-74	W.D. 7-30-74	11-19-74	972	310-311
2-483	State of Ariz. (S.L.D.)	Part of Lot 7 Sec. 10, T13S, R25E	77.05 Ac.	13.79 Ac.	3.04 Ac.	0.92 Ac.	11.86 Ac.	50.48 Ac.	7	8-21-74	R/W Grant 9-13-74	Not Recorded		
L-1	Grazing Lease # 1766 to Kortsen Bros.	Part of Lot 7 Sec. 10, T13S, R25E	77.05 Ac.						7					
2-484	State of Ariz. (S.L.D.)	Part of Lots 5, 6, 10, 11 & 12 S½ Sec. 2, T13S, R25E	626.92 Ac	50.16 Ac.	8.70 Ac.	0.23 Ac.	304.13 Ac.	272.40 Ac.	8, 9, 10	8-21-74	R/W Grant 9-13-74	Not Recorded		
L-1	Grazing Lease # G-1766 to Kortsen Bros.	Part of Lots 5, 6, 10, 11 & 12 SW¼ NW¼ SE¼, Sec. 2, T13S R25E, Lying NW of Railroad	429.75 Ac.						8, 9, 10					
2-485	State of Ariz. (S.L.D.)	Part of Lot 8, Sec. 1, T13S, R25E	637.70 ac	2.36 Ac.	0.11 Ac.	0.01 Ac.		635.33 Ac.	10	10-23-74	R/W Grant 11-22-74	Not Recorded		
2-486	State of Ariz. (S.L.D.)	Part of SE¼ SE¼ Sec. 35, T12S, R25E	640. Ac.			0.02 Ac.	~~639.98 Ac.~~ 639.96 Ac.		10	11-7-74	R/W Grant 11-27-74	Not Recorded		
2-487	State of Ariz (S.L.D.)	Part of Sec. 36, T12S, R25E	586.70 ac	44.60 Ac.	7.90 Ac.	10.03 Ac.	348.01 Ac.	184.60 Ac.	10, 11, 12	8-21-74	R/W Grant 9-13-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of Sec. 36 T12S, R25E Lying North of Railroad	~~506.80 ac~~ 543.54 Ac.						10, 11, 12					
2-488	State of Ariz. (S.L.D.)	Part of N½ Sec. 31, T12S, R26E	615.6 Ac.	37.00 Ac.	6.20 Ac.	1.72 Ac.	145.53 Ac.	431.35 Ac.	12, 13, 14	8-21-74	R/W Grant 9-13-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of N½ Sec. 31, T12S, R26E	455.6 Ac.						12, 13, 14					
2-489	State of Ariz. (S.L.D.)	Part of N½ Sec. 32, T12S, R26E	640 Ac.	32.64 Ac.	4.73 Ac.	2.44 Ac.	29.66 Ac.	575.26 Ac.	14, 15, 16	10-23-74	R/W Grant 11-15-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of N½ Sec. 32, T12S, R26E	440 Ac.						14, 15, 16					
2-490	State of Ariz. (S.L.D.)	Part of S½ SE¼ Sec. 29, T12S, R26E	480 Ac.	6.12 Ac.	1.84 Ac.	0.02 Ac.	473.86 Ac.		15, 16	11-7-74	R/W Grant 12-13-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of S½ SE¼ Sec. 29, T12S, R26E	480 Ac.						15, 16					
2-491	State of Ariz. (S.L.D.)	Part of S½ Sec. 28, T12S, R26E	640 Ac.	38.65 Ac.	6.96 Ac.	0.60 D.E. 0.34 S.E.	533.14 Ac.	67.27 Ac.	16, 17, 18,	11-7-74	R/W Grant 12-13-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of S½ Sec. 28, T12S, R26E	640 Ac						16, 17, 18					
2-492	State of Arizona (S.L.D.)	Part of S½ Sec. 27, T12S, R26E	640 Ac.	111.22 Ac.	12.50 Ac.	2.13 Ac.	344.15 Ac.	182.50 Ac.	18	11-7-74	R/W Grant 11-27-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of S½ Sec. 27, T12S, R26E	640 Ac.						18					
2-493	State of Arizona (S.L.D.)	Part of S½ & SE¼ NE¼ Sec. 26, T12S, R26E	640 Ac.	40.64 Ac.	9.42 Ac.	1.10 Ac.	356.80 Ac.	241.46 Ac.	18, 19, 20	11-7-74	R/W Grant 11-27-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of S½ & SE¼ NE¼ Sec. 26, T12S, R26E	640 Ac						18, 19, 20					
2-494	State of Arizona (S.L.D.)	Part of N½ SW¼ & N½ Sec. 25, T12S, R26E	640 Ac.	44.24 Ac.	13.25 Ac.		274.10 Ac.	321.66 Ac.	20, 21, 22	8-21-74	R/W Grant 9-13-74	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al.	Part of N½ SW¼ & N½ Sec. 25, T12S, R26E	640 Ac.						20, 21, 22					
2-495	State of Arizona (S.L.D.)	Part of N½ & N½ S½ Sec. 30 T12S, R27E	467.82 Ac.	62.29 Ac.	28.21 Ac.	~~2.75~~	215.55 Ac.	182.98 Ac.	22, 23	5-9-75	R/W Grant 6-5-75	Not Recorded		
L-1	Grazing Lease # 268 to Darrell Cluff et al	Part of S½ NW¼ Sec. 30, T12S, R27E	227.82 Ac.						22, 23					
L-2	Grazing Lease # 307 to Raymond L Thomison Jr. et ux	Part of S½ NE¼ & NE½ SE¼ Sec 30, T12S, R27E	240 Ac.						23					
2-496	State of Arizona (S.L.D.)	Part of N½ Sec. 29, T12S, R27E	312.80 ac	12.66 Ac.	4.90 Ac.		300.14 Ac.		23	11-7-74	R/W Grant 11-27-74	Not Recorded		
L-1	Grazing Lease #307-N, to Raymond L. Thomison, Jr., etux.	Part of N½ Sec. 29, T12S, R27E	312.80 aa						23					
2-497	Raymond L. Thomison Jr, etux	Part of SW¼ Sec. 29, T12S, R27E	1003.00 Ac.	3.20 Ac.	3.10 Ac.	0.55 Ac.	999.25 Ac.		23, 24	7-24-75	EASE. 4-29-75 W.D. 4-17-75	8-27-75	1028	316-319
2-496-A	State of Arizona (S.L.D.)	Part of N½ Sec. 29, T.12S., R.27E	300.14 Ac	1.71 Ac.	1.64 Ac		298.43 Ac		23	5-9-75	R/W Grant 5-30-75	Not Recorded		
L-1	Grazing Lease #307-N, TO Raymond L. Thomison, Jr., et ux	Part of N½ Sec 29. T.12S., R.27E	300.14 Ac						23					
2-487-A	State of Arizona (S.L.D.)	Part of NE¼ SW¼ Sec. 36, T12S, R25E.	532.61 Ac	1.37 Ac.	1.37 Ac.		346.64 Ac	184.60 Ac.	11	8-5-76	R/W Grant 8-25-76	Not Recorded		
L-1	Grazing lease #268 to Darrell Cluff, et al	Part of NE¼ SW¼ Sec. 36, T12S, R25E Lying North of Railroad.	488.31 Ac						11					
2-488-A	State of Arizona (S.L.D.)	Pt of E½ Sec. 31, T.12S., R.26E.	576.88 Ac.		1.32 Ac.		144.21 Ac.	431.35 Ac.	13 & 14	9-1-76	R/W Grant 9-27-76	Not Recorded		
L-1	Grazing Lease #268 to Darrell Cluff, et al	Pt of E½ Sec. 31, T.12S., R.26E.	576.88 Ac.											

REDUCED SIZE DO NOT SCALE

HARDCOPY 6631 M/F 6635 M/I CHECKED BY T.E. Lamb 1-23-78

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

Click here for I-10 Index

FINALIZED

REVISIONS				PROJECT NO.	I-10-6 (71)
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3649	7-30-73	DWS	REMOVED ANG. PT. BEGINING OF PROJ.	SHEET NO.	3 OF 38
3793	12-5-73	R.R.	Called out "Ariz. Bell-Unit 8 Subd.	DRAWN BY	R.A.B.
"	"	"	& Note. & Deleted BE. Rt. 2400+00	DATE COMP.	6-27-72
3925	4-30-74	"	Changed Beg. Constr. Limits.	SCALE	1" = 1000'
4329	8-13-75	D.G.M.	Added New R/W (1975) 2425+50-2515+50.	HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	
4361	1-2-76	W.D.S.	Added New R/W (1976) Left NE¼ Sec. 31 &		
"	"	"	Exist. R/W S½ Sec 36 & E. to Exist. R/W Index		
4929	7-29-77	R.M.	Finalized		

W.B. Constr. & Curve Data

1	3
P.I. 2077+80.29	P.I. 2088+48.80
Δ = 1°28'00" Lt.	Δ = 1°35'54" Rt.
D = 0°10'09.1"	D = 0°09'58.1"
R = 34,269.48'	R = 34,485.48
L = 877.24'	L = 962.35'
T = 438.63'	T = 481.20'

E.B. Constr. & Curve Data

2	4
P.I. 2077+81.68	P.I. 2088+50.06
Δ = 1°28'00" Lt.	Δ = 1°35'56" Rt.
D = 0°10'00"	D = 0°10'00"
R = 34,377.48'	R = 34,377.48'
L = 880.00'	L = 959.33'
T = 440.02'	T = 479.70'

P.T. Sta. 2093+29.69 E.B. Constr. ℄ Bk.
P.T. Sta. 2093+29.95 W.B. Constr. ℄ Bk. =
P.O.T. Sta. 2352+82.75 E.B. & W.B. Constr. ℄ Ahd.

P.I. Sta. 2364+00.02 E.B. Constr. ℄ Bk.
P.I. Sta. 2363+99.95 W.B. Constr. ℄ Bk. =
P.O.T. Sta. 2363+99.98 E.B. Constr. ℄ Ahd.
P.O.T. Sta. 2364+00.05 W.B. Constr. ℄ Ahd.
Δ = 0°04'34" Lt.
No Curve

P.T. Sta. 2547+76.12
W.B. Constr. ℄

T12S R25E
T12S R26E

BEARING EQUATION
P.O.T. 2610+00.00
N 78°23'33" E Constr. ℄ Bk. =
N 78°26'11" E Constr. ℄ Ahd.

P.T. Sta. 2547+16.43
E.B. Constr. ℄

EQUATION:
P.O.T. Sta. 2548+06.45 E.B. Constr. ℄ Bk. =
P.O.T. Sta. 2548+66.14 W.B. Constr. ℄ Bk. =
P.O.T. Sta. 2549+21.02 E.B. & W.B. Constr. ℄ Ahd.

P.C. Sta. 2505+24.31
E.B. & W.B. Constr. ℄

E.B. Constr. ℄ Curve Data
P.I. 2526+75.40
Δ = 31°39'53" Rt.
D = 0°45'19.22"
R = 7585.44'
L = 4192.12'
T = 2151.09

W.B. Constr. ℄ Curve Data
P.I. 2527+06.03
Δ = 31°39'53" Rt.
D = 0°44'41"
R = 7693.44'
L = 4251.81'
T = 2181.72'

EQUATION: N. 46°27'45" E. Bk. =
N. 46°40'18" E. Ahd.

P.C. Sta. 2083+67.60 W.B. Constr. ℄
P.T. Sta. 2082+18.90 W.B. Constr. ℄
P.C. Sta. 2073+41.66 W.B. & E.B. Constr. ℄

P.C. Sta. 2083+70.36
E.B. Constr. ℄
P.T. Sta. 2082+21.66
E.B. Constr. ℄

EAST WILLCOX T.I.

To Benson 46 Miles
To Willcox

I-10-6 (71) P.O.T. 2072+95.68 SURVEY ℄
BEGIN R/W PROJECT
I-10-6 (50) P.C. 2073+41.66 W.B. & P.O.T. 2070+61.66 E.B.
BEGIN CONSTR. PROJECT

VICINITY MAP
Scale: 1" = 1000'

*NOTE: INFORMATION FOR ARIZONA BELL UNIT No. 8; REFER TO PLAN SHEETS 5, 6, 7 & 8

REDUCED SIZE DO NOT SCALE

INDEX TO EXISTING R/W

Index	Subdivision	Sec.	Twp.	R.	Acquired From	Type	Book	Page	Width	Year	Parcel No.
A	S½	9	13S.	25E.	Joe Rubin, et ux.	W.D.	418	516-17	Varies	1966	C-108
A	Lots 12 & 13	10	13S.	25E.	" "	"	"	"	"	"	"
B	Lots 5-12, S½	3	13S.	25E.	Amer. Title and Trust Co.						
B	Lots 1-9, 11, 13, 14, 16	10	13S.	25E.	" "						
C	Pt. Sections 1, 2, 10, 11, 35 & 36		13S.	25E.	State Land Dept.	R/W	Grant		Varies		A-23 B
C	Pt. Sections 1, 25, 26, 27, 28, 29, 31 & 32		12S.	24E.	State Land Dept.	R/W	Grant		Varies		thru A-23 D
C	Pt. Sections 29 & 30		12S.	27E.	State Land Dept.	R/W	Grant		Varies		A-467-A
D	S½	29	12S.	27E.	T.C. Creighton, et ux	D.T.D.	5824	219-222	Varies	1966	A-468
E	Pt. S/W¼ Sec. 36	36	12S.	25E.	F.E. Elkins, et ux	W.D.	76	95	200'	1958	A-108

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BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

HARDCOPY 6635 M.I. CHECKED BY T.E. Farmer 6-29-72

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
4929	7-29-77	R.M.	Finalized

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3886	3-6-74	WDS	Added New R/W (1974) Lt. POT. 2912+00 W.B. Const.℄
"	"	"	& POT. 2895+00 ℄ Rt. POT. 2897+75 E.B. Const. ℄
3925	4-30-74	R.R.	Changed Constr. Proj. Ending.
3982	7-11-74	WDS	Added New R/W (1974) To Luzena T.I. NE Quad.

PROJECT NO.	I-10-6 (71)
DRAWING NO.	D-2-T-449
SHEET NO.	4 OF 38
DRAWN BY	R.A.B.
DATE COMP.	6-27-72
SCALE	1" = 1000'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

FINALIZED

W.B. Constr. ℄ Curve Data
P.I. 2711+99.22
Δ = 7°11'25" Rt.
D = 0°20'00"
R = 17,188.73'
L = 2157.08'
T = 1079.96'

W.B. Constr. ℄ Curve Data
P.I. 2730+08.86
Δ = 5°58'20" Lt.
D = 1°12'28.51"
R = 4743.34'
L = 494.42'
T = 247.43

W.B. Constr. ℄ Curve Data
P.I. 2740+30.56
Δ = 2°58'20" Rt.
D = 0°30'00"
R = 11,459.16'
L = 594.44'
T = 297.29'

W.B. Constr. ℄ Curve Data
P.I. 2913+17.64
Δ = 21°53'31" Rt.
D = 1°00'00"
R = 5729.58'
L = 2189.19'
T = 1108.11'

W.B. Constr. ℄ Curve Data
P.I. 2928+72.25
Δ = 12°34'36" Rt.
D = 1°20'00"
R = 4297.19'
L = 943.25'
T = 473.53'

P.C. Sta. 2701+19.26 W.B. Constr. ℄
P.T. Sta. 2722+76.34 W.B. Constr. ℄
P.C. Sta. 2727+61.43 W.B. Constr. ℄
P.T. Sta. 2732+55.85 W.B. Constr. ℄
P.C. Sta. 2737+33.27 W.B. Constr. ℄
P.T. Sta. 2743+27.71 W.B. Constr. ℄ Bk.
P.O.T. Sta. 2743+16.47 E.B. Constr. ℄ Bk. =
P.O.T. Sta. 2743+22.53 E.B. & W.B. Constr. ℄ Ahd.

P.C. Sta. 2902+09.53 W.B. Constr. ℄
P.C.C. Sta. 2923+98.72 W.B. Constr. ℄
P.T. Sta. 2933+41.97 W.B. Constr. ℄ Bk. =
P.O.C. Sta. 2933+38.97 Exist. W.B. Ahd.

To Safford 34 Miles
℄ Exist. US-666
℄ HWY. S.R. 86, I-10
EQUATION
U.S.C. & G.S. Δ Sta. "Exit"
SAFFORD T.I.
LUZENA T.I.
To Safford 34 Miles ℄ Exist. US-666
Wash
California
Draw
Wash 2950
Sheet 241
℄ Exist. E.B. I-10
Exist. R/W
New R/W
New R/W (1974)
New R/W (1972)
New Drain. Ease.
New Drainage Easement
Exist. Drainage Easement
New Dr. Easemt.
New Slope Easmt.
E.B. Constr. ℄
W.B. Constr. ℄
W.B. ℄
E.B. ℄
New Dr. Easemt. & Exist. W.B. I-10
2700
2750
2800
2850
2900
2950
N78°26'11"E
N82°37'36"E
N89°10'52"E
SHEET 16
SHEET 17
SHEET 18
SHEET 19
SHEET 20
SHEET 21
SHEET 22
SHEET 23
SHEET 24
Southern Pacific R.R. R/W
R.R. R/W
200'
To Bowie 11 Miles

2902+10.28 E.B. & W.B. Const.
BEARING EQUATION
N 89° 10' 52" E Bk. =
N 89° 17' 10" E Ahd.

P.C. Sta. 2696+47.63 E.B. Constr. ℄
P.T. Sta. 2707+54.71 E.B. Constr. ℄
P.C. Sta. 2736+26.52 E.B. Constr. ℄
P.T. Sta. 2738+26.52 E.B. Constr. ℄
P.C. Sta. 2826+65.83 E.B. & W.B. Constr. ℄
P.T. Sta. 2839+76.72 E.B. Constr. ℄ Bk.
P.T. Sta. 2839+89.07 W.B. Constr. ℄ Bk. =
P.O.T. Sta. 2839+76.72 E.B. & W.B. Constr. ℄ Ahd.
P.C. Sta. 2905+56.34 E.B. Constr. ℄
P.C.C. Sta. 2922+92.26 E.B. Constr. ℄
P.T. Sta. 2930+41.66 E.B. Constr. ℄ Bk.
P.O.C. Sta. 2930+39.09 Exist. E.B. Ahd.
P.O.T. 2950+09.52 W.B. 2949+90.48 E.B.

T12S R26E
T13S R26E
T12S R27E
T12S R26E

Note:
Exist. E.B. & W.B. ℄'s are the Exist. N. & S. Exist. R/W ℄ Respectively with the exist. W.B. R/W purchased off exist. W.B. ℄ & exist. E.B. R/W purchased off exist. E.B. ℄

E.B. Constr. ℄ Curve Data
P.I. 2914+36.30
Δ = 23°08'44" Rt.
D = 1°20'00"
R = 4297.19'
L = 1735.92'
T = 879.96'

E.B. Constr. ℄ Curve Data
P.I. 2926+67.69
Δ = 8°44'35" Rt.
D = 1°10'00"
R = 4911.07'
L = 749.40'
T = 375.43'

I-10-6(50)
END CONSTR. PROJECT

I-10-6(71)
END R/W PROJECT

I-10-6(151)
BEGIN R/W PROJECT

E.B. Constr. ℄ Curve Data
P.I. 2702+01.36
Δ = 3°41'25" Rt.
D = 0°20'00"
R = 17,188.74'
L = 1107.08'
T = 553.73'

E.B. Constr. ℄ Curve Data
P.I. 2737+28.52
Δ = 0°30'00" Rt.
D = 0°15'00"
R = 22,918.31'
L = 200.00'
T = 100.00'

VICINITY MAP
Scale: 1" = 1000'

E.B. Constr. ℄ Curve Data
Δ = 6°33'16" Rt.
D = 0°30'00"
R = 11,459.16'
L = 1310.89'

W.B. Constr. ℄ Curve Data
Δ = 6°33'16" Rt.
D = 0°29'43"
R = 11,567.16'
L = 1323.24'

REDUCED SIZE DO NOT SCALE

INDEX TO EXISTING R/W

Index	Subdivision	Sec.	Twp.	R.	Acquired From	Type	Book	Page	Width	Year	Parcel No.
C	Pt. Sections 1, 2, 10, 11, 35 & 36		13 S.	25 E.	State Land Dept.	R/W	Grant		Varies		A-23 B
C	Pt. Sections 1, 25, 26, 27, 28, 29, 31 & 32		12 S.	26 E.	State Land Dept.	R/W	Grant		Varies		thru A-23 D
C	Pt. Sections 29 & 30		12 S.	27 E.	State Land Dept.	R/W	Grant		Varies		A-467-A
D	5 1/2	29	12 S.	27 E.	T.C. Creighton, et ux	D & D	5824	219-222	Varies	1966	A-468

Click here for I-10 Index

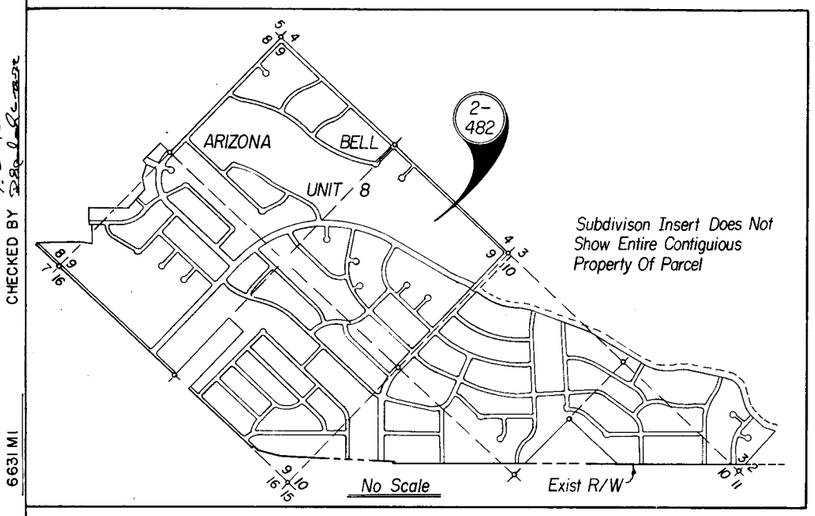
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3354	8-1-72	DWS	CORRECTED BRG'S. & DIST. ON SEC. LINES	SHEET NO.	5 OF 38
3449	7-30-73	DWS	REVISED CALC. BRG'S. & DISTANCES.	DRAWN BY	RAB
3793	12-5-73	R.R.	Added Ariz. Bell Unit 8, Deleted 2-481	DATE COMP.	6-27-72
"	"	"	& Added 2-482.	SCALE	1" = 100'
3925	4-30-74	"	Changed Constr. Proj. Beg.	HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	
4079	10-22-74	R.M.M.	Removed new R/W fence Lt. Sta. 2073+45		
"	"	"	to 2408+50.		
4929	7-29-77	R.M.M.	Finalized		

CHECKED BY R.B. Richardson T.E. Kane

HARDCOPY 6631 MI



Subdivison Insert Does Not Show Entire Contiguious Property Of Parcel

NE1/4NE1/4

Found 1/4 Corner 3/4" I. Pipe

9 16 Section Line

264.22 N. 89°47'28" E. (C) Ahd. N. 89°43'00" E. (R) Bk.

N. 0°12'32" W. (C) N0°17'00"W (R) 33± (R) 33.00' (C) 32.54' (R)

2070

Exist. 4 B.W. Fence To Remain

N. 89°47'28" E. (C) N89°43'00" E. (R) Bk.

123.50'(R) 123.47'(R) 370.98'(R) 369.87'(R) N.61°21'03"E.(R) N.61°25'31"E.(C) 120'(R) 135'(R)

To Willcox 4 Miles

Exist. Ramp "B" ℄

5401.4'(R) 867.33'(C)

Temporary Connection "B" Control Line

To Benson 46 Miles

Exist. W.B ℄

N46°27'45"E Survey ℄

Temporary Connection "A" Control Line

Exist. Dyke

EQUATION:
N46°27'45"E Bk. =
N46°40'18" E Ahd.
Note: This Equa. Shown at the Begining of This Project for Calculation Purposes Only.

All Existing Fences and Gates Throughout Project Within R/W to be Removed Unless Otherwise Noted.

For Inserts of Private Parcels, See Sheet Number 26.

Slopes Shall be 4:1 Max. or Held at R/W Line.

P.O.T. 2072+95.68 SURVEY ℄
& 0°02'44" Rt. Surv. ℄ to 1972 West R/W ℄
P.C. 2073+41.66 — W.B. Exist. & Constr. ℄
P.O.T. 2070+61.66 E.B. ℄

P.C. Sta. 2073+41.66 E.B. & W.B. Constr. ℄ & Exist. E.B. & W.B. ℄

2-482

ARIZONA BELL

T. 13 S. R. 25 E.

Section Line 9 10

1/4 Cor. Found 1" I. Pipe & Brass Cap USGLO-1913

N. 0°25'55" W. (R) N0°21'27" W (C) 2342.74'

67 66 65 2075 64 63 62 61 60 59 2080 58 57 56

(Remove) Exist 5 B.W. Fence

Deleted 12-5-73

ALLEY 20'(R)

Front Rd. Constr ℄

New 5 Wire Fence

Exist 4 B.W. Fence Remove

UNIT 8

2 481 207 208 209 210 211 212 213 214 215

Exist R/W

N 46°28'30" E 2362.95'

Match 2362.95'

2073+56.71 228.63' Lt. W. R/W ℄

570.92'(R) N. 46°41'19" E.

NEW R/W

8519.09'

New 20' Grader Road

N46°41'19"E(R) N46°54'09"E(C) (R) 5531.24

Exist Frontage Road ℄

Ramp "B" Constr. ℄

Slope Limits

Varies 108' Varies Varies

1972 West R/W ℄ N. 46°43'24" E.

W.B. Constr ℄

E.B. Exist. & Constr ℄

2077+14.71

Exist Frontage Road ℄ Slope limits

Exist. R/W

Exist Barrier Fence To Remain

Sec. Cor. Found 2" I. Pipe & Brass Cap USGLO-1913

Line

Exist. W.B ℄ Curve Data
Δ = 1° 28'00" Rt.
D = 0° 10'00"
R = 34,377.48'
L = 880.00'

E.B. Exist. & Constr ℄ Curve Data
P.I. 2077+81.68
Δ = 1° 28'00" Lt.
D = 0° 10'00"
R = 34,377.48'
L = 880.00'
T = 440.02

W.B. Constr ℄ Curve Data
P.I 2077+80.29
Δ = 1° 28'00" Lt.
D = 0° 10'01.9"
R = 34,269.48'
L = 877.24'
T = 438.63

BEGIN CONSTR. PROJECT I10-6(50)

BEGIN R.W PROJECT I-10-6(71)

NW1/4NW1/4

REDUCED SIZE DO NOT SCALE

CHECKED BY T.E. Kamb

HARDCOPY 6631MI

REVISIONS

C.O.	DATE	BY	DESCRIPTION
3925	4/30/74	R.R.	Added C.G., Gas Line, 2 Pipe Culvs.
4079	10-22-74	A.M.	Removed new R/W fence Lt. Sta. 2079+45 to
"	"	"	2408+50 & New type 1 Gate Lt. Sta. 2357+
"	"	"	Added new 18" CMP sleeve lt. of Sta. 2086+
"	10-30-74	"	Per. New 4 Wire fe. btwn. front. rd. & W.B. Ln. to 5 wire.
4929	7-29-77	R.M.	Finalized

REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION
3354	8-1-72	DWS	CORRECTED BRG. & DIST. ON NEW R/W LINE.
3649	7-30-73	DWS	REVISED BRG. & DIST. ON NEW R/W LINE.
3793	12-5-73	R.R.	Added Ariz. Bell Unit 8; Deleted 2-481
"	"	"	& Added 2-482

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	6 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

Curve Data & Exist. Rdwy.

Curve	P.I.	Δ	D	R	L
1	2077+81.68	1°28'00" Rt.	0°10'00"	34,377.48	880.00
2	2077+81.68	1°28'00" Lt.	0°10'00"	34,377.48	880.00
3	2088+16.98	1°28' 0" Lt.	0°10'00"	34,377.48	880.00
4	2088+16.98	1°28'00" Rt.	0°10'00"	34,377.48	880.00

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

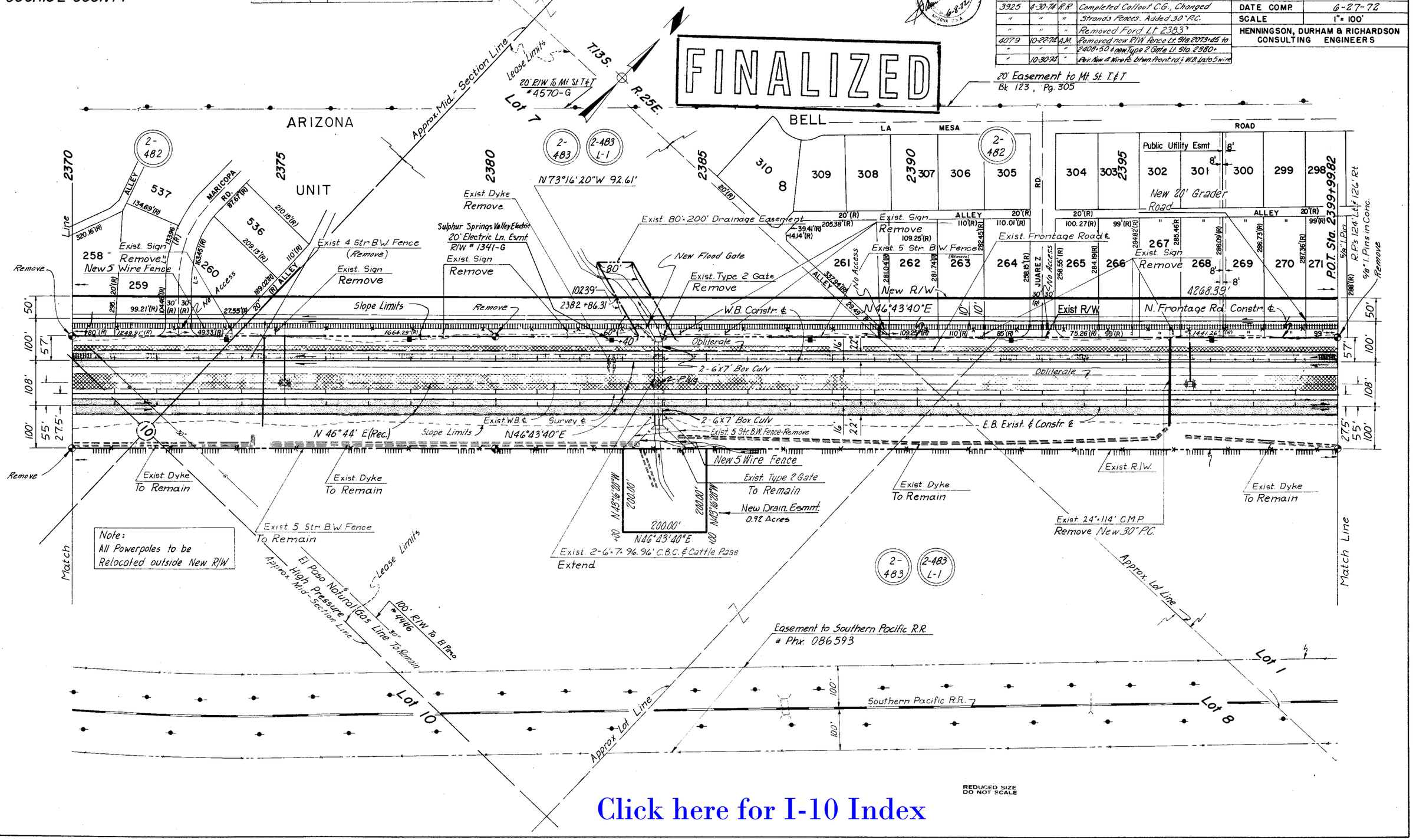
REVISIONS			
C.O.	DATE	BY	DESCRIPTION
4079	10-30-74	AM	Removed New 4 unit CG. Lt. Sta 2383+
4929	7-29-77	R.M.	Finalized

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3793	12-1-73	R.R.	Added portions of Ariz. Bell Unit 8.
3886	3-8-74	WDS	Added New 150' Ford Lt. W.B. & Sta. 2384±
3925	4-30-74	R.R.	Completed Callout C.G., Changed
"	"	"	Strands Fences. Added 30" P.C.
"	"	"	Removed Ford Lt. 2383+
4079	10-22-74	A.M.	Removed new R/W fence Lt. Sta. 2079+45 to
"	"	"	2408+50 & new Type 2 Gate Lt. Sta. 2380+
"	10-30-74	"	Rev. New 4 Wire fc. btwn. front rd. & W.B. Ln. to 5 wire

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	7 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

FINALIZED



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HARDCOPY 6631 MI

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
4929	7-29-77	R.M.	Finalized

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3793	12-5-73	R.R.	Added Ariz. Bell Unit 8, & Revised New R/W
"	"	"	Deleted D.E. Rt. 2400+00
3886	3-7-74	WDS	Added New 150' Ford Lt. Sta. 2406 ±
3925	4-30-74	R.R.	Added Exist. Fence, Gates, P.Culvs. disp.
"	"	"	Removed Ford Lt. 2406 ±
4079	10-22-74	A.M.	Removed New R/W Fence Lt Sta. 2073+45 to
"	"	"	2408+50 New C.G. type 1 gate Lt Sta. 2408+00.
"	10-30-74	"	Per New 4 Wire fc. btwn front rd & W.B. Ln. to 5 wire

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	8 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

T. 13 S., R. 25 E.
CHECKED BY D.A.B. 6-27-72
HARDCOPY 663 MI

Approx 1/16 Line
Exist. 20' Easement to Mt. St. T. & T
R/W # 45570-S
NW1/4SW1/4
1/4 Cor. Found 1" I. Pipe & Brass Cap Marked U.S.G.L.O. 1913
20' Easement To Mt. St. T&T Bk. 123 Pg. 305
T. 13 S.
R. 25 E.
ARIZONA BELL
CONSUELO RD.
Exist 4 Str. B.W. Fence Remove
ALLEY
New 20' Grader
Exist 5 Str. B.W. Fence Remove
Exist Frontage Road
Exist Sign Remove
New R/W N46°43'40"E
N. Frontage Rd. Constr. ℄
Obliterate
Flood Gate
Remove
Exist 5 Wire Fence Remove
Exist 2-10'x3'x43' Conc. Box Culv. Extend
Exist 5 Wire Fence To Remain
Exist 2-10'x3'x39.52 Conc. Box Culv. Extend
Match Line
Lot 1
S 0° 14' 43" W (Rec.) S 0° 24' 15" W 2518.37' Section Line
New 5 Wire Fence
Exist 8' Dirt Road
DRAINAGE WAY
PINTO
Remove Exist. Type 1 Gate
Remove Exist. Type 2 Gate
Lease Limits
N 0°04'30" W 2635.40'
230.50' Lt. Surv. ℄
P.O.T. 2408+71.88
50.00'(R)
S 43°16'20" E
180.50' Lt. Surv. ℄
P.O.T. 2408+71.88
20' Electric Line Esmt R/W # 13141-S To Sulphur Springs Valley Electric Co-op
New 5 Wire Fence
Note: All Power Poles to be Relocated outside New R/W
P.O.T. Sta. 2419+99.71
5/8" I Pin
7152.80'
7154.25'
W.B. Constr. ℄
Exist. R/W
Exist. W.B. ℄
Survey ℄
Exist. 3 Trees Removed
N 46° 44' E (Rec.)
Slope Limits
N46°43'40"E
Exist. 4 Str. B.W. Fence To Remain
Exist. Dyke To Remain
E.B. Exist. & Constr. ℄
6887.16'
No Access
Exist 12' Gravel Road
Match Line
Sec. Cor. has been destroyed. Set Copperweld Pin in Conc. From Exist. Hwy. Dept. Ref. Marks.
Exist. Type 2 Gate To Remain
N 89°59'50" E Section Line 2644.15'
SW1/4SW1/4
Exist. Catch Basin Exist. 36"x116.6'x18"x4' C.M.P. Remove
New 30" Pipe Culv.
Exist. Catch Basin Exist. 48"x110.9'x18"x4' C.M.P. Remove
New 2-42" Pipe Culvs.
Easement to Southern Pacific R.R. # Phx. 086532
Approx 1/16 Line
Southern Pacific R.R.
SE1/4SW1/4
Lot 4
89°55'15" Sec. Cor. Ties
89°36'00"
90°04'20"
46°19'25"
43°16'10"
Sec. Line 2408+93.87
Sec. Line 2409+12.92
90°24'25"
No Scale

Click here for I-10 Index

REDUCED SIZE DO NOT SCALE

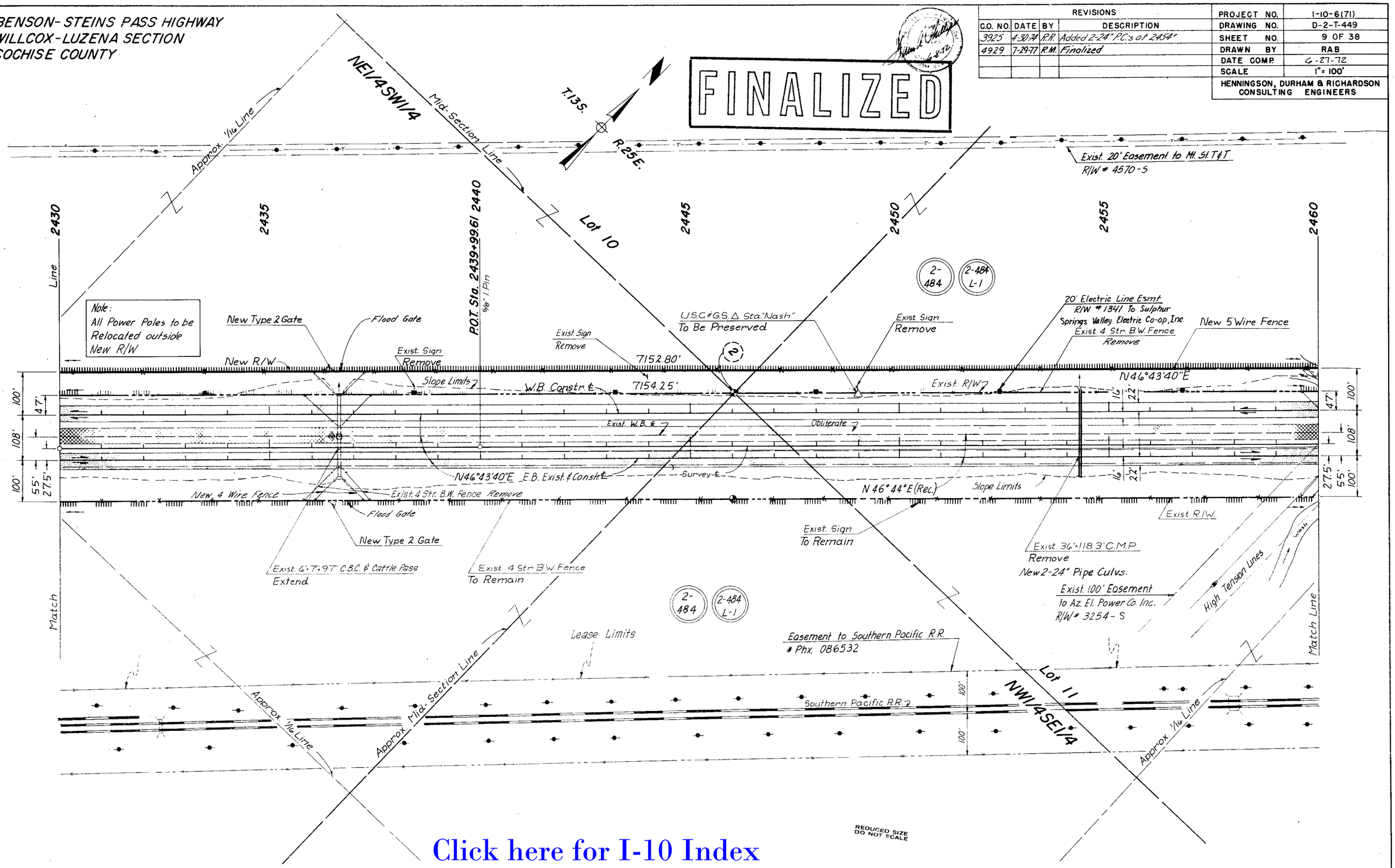
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3925	4-30-74	R.R.	Added 2-24" P.C.'s at 2454+
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	9 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

FINALIZED



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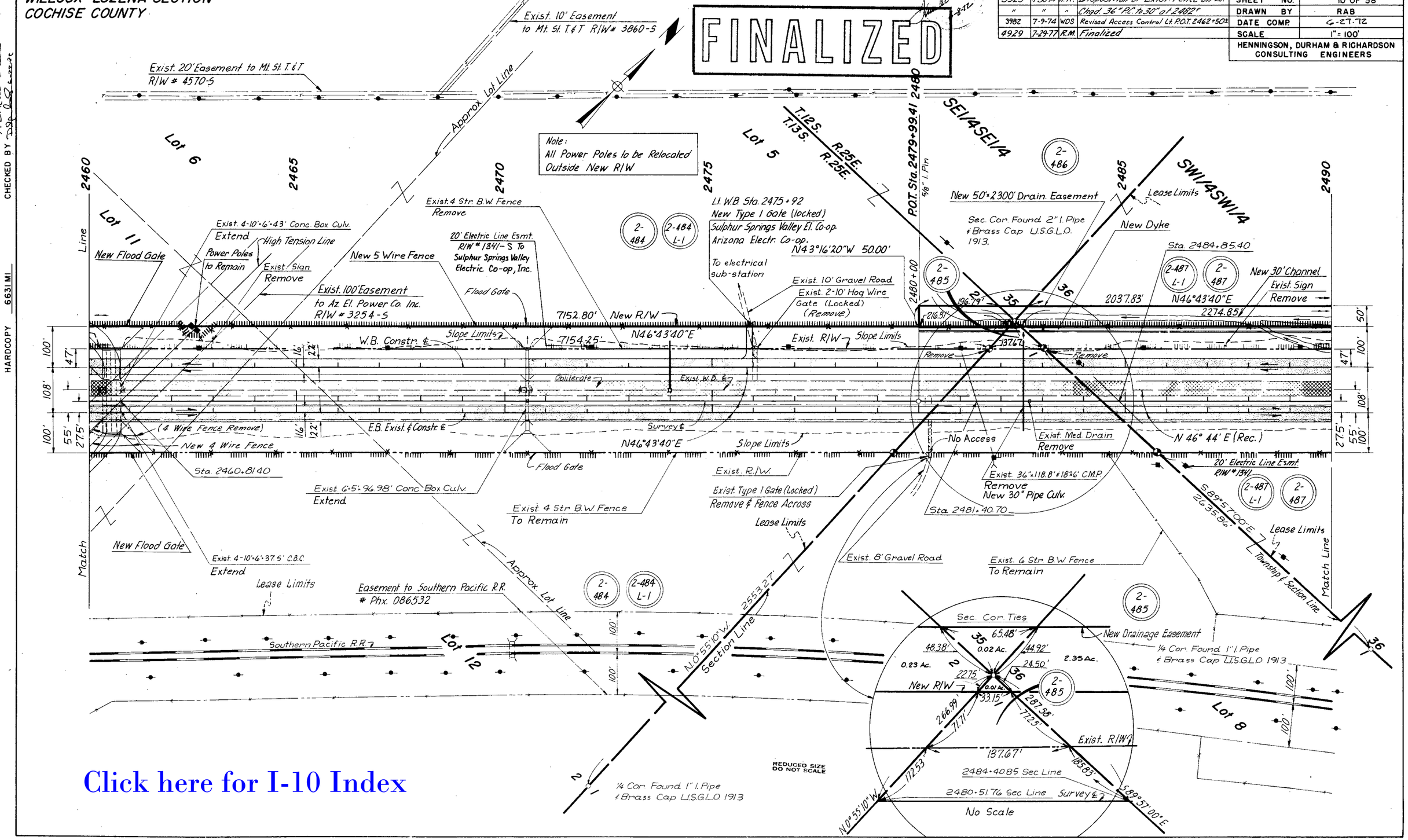
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

REVISIONS					
C.O. NO.	DATE	BY	DESCRIPTION	PROJECT NO.	I-10-6(71)
3925	4-30-74	R.R.	Disposition of Exist. Fence on Lt.	DRAWING NO.	D-2-T-449
"	"	"	Chgd. 36" P.C. to 30" at 2482+	SHEET NO.	10 OF 38
3982	7-9-74	WDS	Revised Access Control Lt. P.O.T. 2462+50±	DRAWN BY	RAB
4929	7-29-77	R.M.	Finalized	DATE COMP.	6-27-72
				SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

FINALIZED



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HARDCOPY 6631 MI

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

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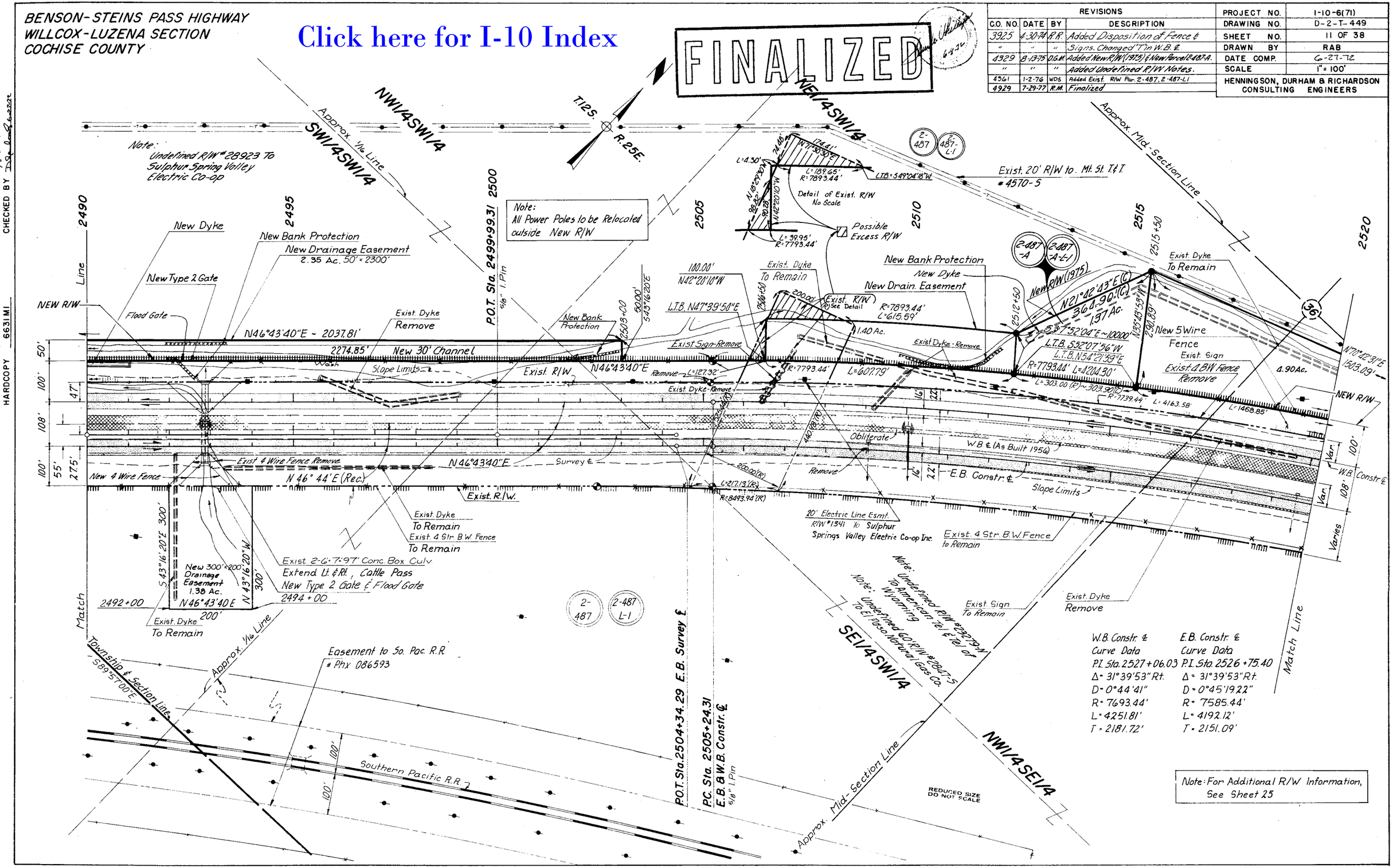
FINALIZED

REVISIONS					
C.O. NO.	DATE	BY	DESCRIPTION	PROJECT NO.	I-10-6(71)
3925	4-30-74	R.R.	Added Disposition of Fence ℄	DRAWING NO.	D-2-T-449
"	"	"	Signs. Changed 'T' in W.B. ℄	SHEET NO.	11 OF 38
4329	8-13-75	D.G.M.	Added New R/W (1975) & New Parcel 2-487-A.	DRAWN BY	RAB
"	"	"	Added Undefined R/W Notes.	DATE COMP.	6-27-72
4361	1-2-76	WDS	Added Exist. R/W Par. 2-487, 2-487-L1	SCALE	1" = 100'
4929	7-29-77	R.M.	Finalized	HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	



W.B. Constr. ℄ Curve Data	E.B. Constr. ℄ Curve Data
P.I. Sta. 2527+06.03	P.I. Sta. 2526+75.40
Δ = 31°39'53" Rt.	Δ = 31°39'53" Rt.
D = 0°44'41"	D = 0°45'19.22"
R = 7693.44'	R = 7585.44'
L = 4251.81'	L = 4192.12'
T = 2181.72'	T = 2151.09'

Note: For Additional R/W Information, See Sheet 25

HARDCOPY 6631 MI
CHECKED BY

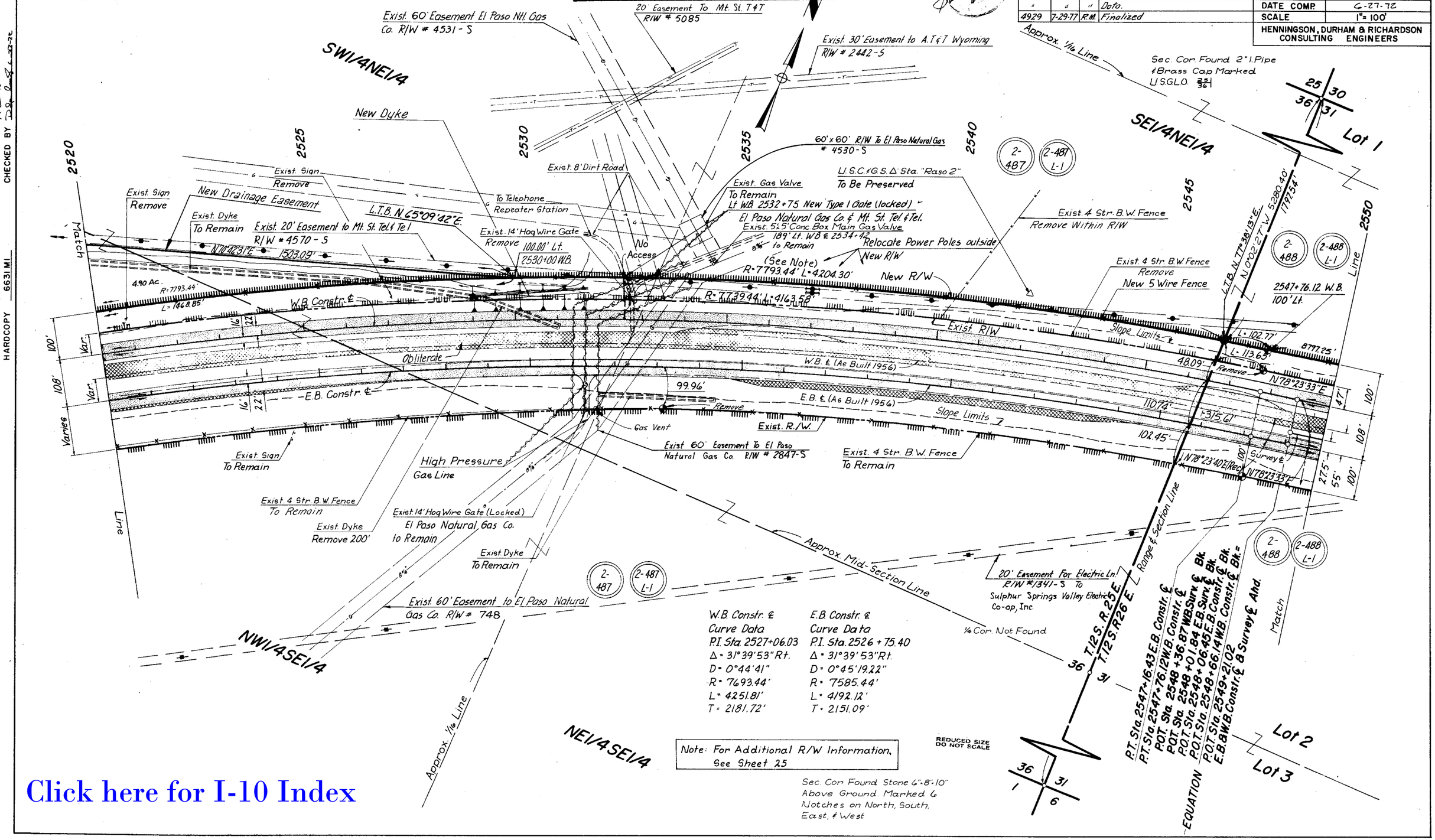
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
CO. NO.	DATE	BY	DESCRIPTION
3925	4-30-74	R.R.	Added disposition of Exist. Fences
"	"	"	& H.W. Gate. Chgd. "T" in W.B. ℄ Curve
"	"	"	Data.
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	12 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



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HARDCOPY 6631 MI

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BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
CO. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D 2 T 449
3925	4-30-74	R.R.	Added Callout to Exist Guy Wires	SHEET NO.	13 OF 38
"	"	"	Rt. 2551'.	DRAWN BY	RAB
4361	1-2-76	WDS	Added Par. 2-488-A(L1)	DATE COMP.	6-27-72
4929	7-29-77	R.M.	Finalized	SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

CHECKED BY T.E. Kanak Dec 8 1972

HARDCOPY 6631 MI

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T.12S. R.26E. SECTION 31

Lot 1

NE1/4NW1/4

NW1/4NE1/4

Undefined R/W # 23279-N16 A.T.&T. of Wyoming Dated 10-25-73

Approx. 1/16 Line

2550 2555 2560 2565 2570 2575 2580

P.O.T. Sta. 2561+50.30

5/8" I Pin

Exist. Sign Remove

Exist. 20' Easement to Mt. St. Tel. & Tel. R/W # 4570 - S

Flood Gate

New Type 2 Gate

2-488

2-488 L-1

Exist. 4 Str. B.W. Fence (Remove)

New R/W (1976)

N 78°23'33"E

550.00'

New Dyke

2-488-A-L1

2-488-A

New 5 Wire Fence

100.00' Lt W.B. Constr. ℄ P.O.T. 2578+50.00

N 11°36'27"W

150.00'

8797.75'

N 78°23'33"E

Slope Limits

New R/W

Remove

Exist. R/W

W.B. Constr. ℄

Exist. W.B. ℄

Obliterate

Survey ℄

N 78°23'33"E E.B. Exist. & Constr. ℄

N 78°19' 50"E (Rec.)

Exist. R/W.

Exist 4 Wire Fence Remove

Slope Limits

100' 47' 27.5' 55' 108' 100' 16' 22'

Exist. Guy Wires Remove or Relocate Outside R/W

Recorded Bearing Equation

N 78° 23' 40" E Bk. =

N 78° 19' 50" E Ahd.

New Type 2 Gate

New Flood Gate

Note: Power Poles to Remain

20' Easement for Electric Line R/W # 1341-L To Sulphur Springs Valley Electric Co-op, Inc.

Exist. 4 Str. B.W. Fence Relocate inside pole line

Exist. 2-36"-130.6' ℄ 18"x4' C.M.P. Remove New 2-36" Pipe Culvert

Match

Exist. 6'-7'-100.89' Conc. Box Culv. & Cattle Pass Extend

Exist. Sign To Remain

Approx. 1/16 Line

Approx. Mid-Section Line

Lot 2

SE1/4NW1/4

SW1/4NE1/4

REDUCED SIZE DO NOT SCALE

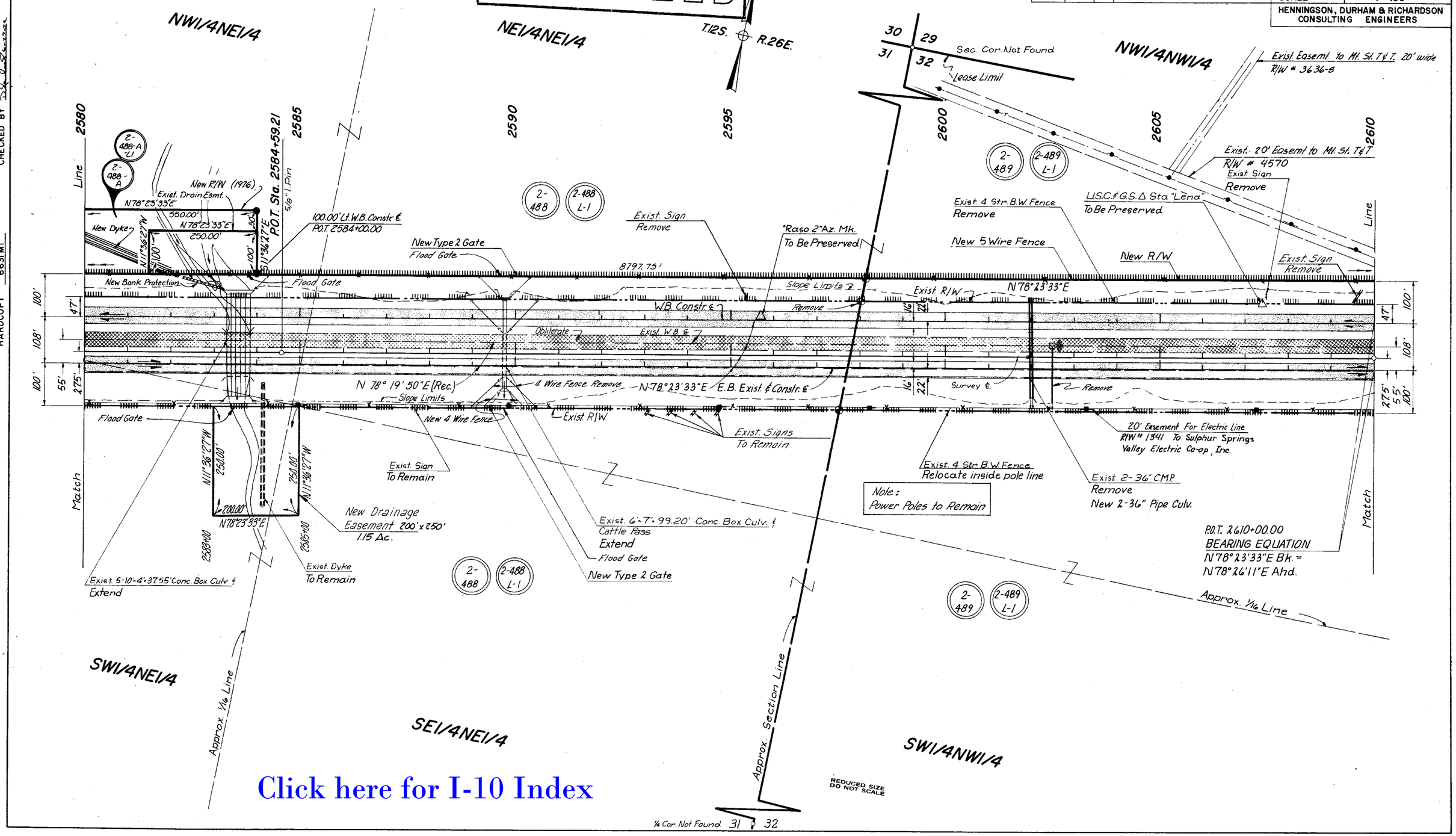
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3925	4-30-74	R.R.	Added Disposition of Exist. Signs
4361	1-2-76	WDS	Added Par. 2-488-A(L1)
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	14 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



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HARDCOPY 6631M1
CHECKED BY

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

REVISIONS				PROJECT NO	I-10-6(71)
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3925	4-30-74	R.R.	Skewed 2-36"P.C.M.s 15°Lt. : C.E.S. rev.	SHEET NO.	15 OF 38
3985	7-5-74	TEK	Bid rev: remove pipe culv 2616±	DRAWN BY	RAB
4929	7-29-77	R.M.	Finalized	DATE COMP.	6-27-72
				SCALE	1"= 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

6-8-72

T.E. Kavala
Dsgn. & Qty. Engr.

CHECKED BY

HARDCOPY 6635MI

FINALIZED

Lease Limits
Lease Limits
Approx. Section Line
Approx. 1/16 Line
SE1/4SW1/4
T.12S.
R.26E.
SW1/4SE1/4
2610
2615
2620
2625
2630
2635
2640
P.O.T. Sta. 2618+16.24
5/8" I. Pin
29
32
1/4 Cor. Found Stone 7"x9" Marked "1/4" on North Face S89°54'14"E 2641.84'
Section Line
2-489
2-489 L-1
2-490
2-490 L-1
New 5 Wire Fence
Exist. 4 Str. B.W. Fence
Remove
New R/W
New Bank Protection
Exist Dyke
Remove
Exist. Bank Protection
Remove
2622+00
N11°33'49"W 75.00'
879.75'
1373.87
New Drain. Easement 1010.42'
New 30' Channel 2.05 Ac. N78°26'11"E
N78°26'11"E
2632+10.42
Flood Gate
New Type 2 Gate
New Bank Protection
971.11'
2635+73.87
1648.67'
Remove
1380.95'
673.14'
Slope Limits
Remove
W.B. Constr. ℄
Exist. R/W
Obliterate
Exist. W.B. ℄
Slope Limits
Survey ℄
N78°26'11"E
E.B. Exist. & Constr. ℄
4 Wire Fence Remove
N78°19'50"E Rec.
New 4 Wire Fence
Exist. R/W
Note:
Power Poles to Remain
Exist. 2-10'x7'x375' C.B.C. & Cattle Pass
Extend
Exist. 2-10'x7'x50.5' C.B.C. & Cattle Pass
Extend
Exist. 24"x123' C.M.P.
Remove
20' Easement For Electric Ln. R/W # 1341 To Sulphur Springs Valley Electric Co-op, Inc.
Exist. 4 Str. B.W. Fence
Relocate inside pole line
2610+00.00
BEARING EQUATION
N78°23'33"E Bk. =
N78°26'11"E Ahd.
Exist. 20' Easemt. to Mt. St. T.&T. R/W # 4570
Exist. 2-36"x109' C.M.P.
Remove
New 2-36" Pipe Culv. Skewed 15°Lt.
New Type 2 Gate
Flood Gate
Exist. 4 Str. B.W. Fence
To Remain
NE1/4NW1/4
NW1/4NE1/4
Match Line
Match
Approx. Mid-Section Line
Approx. 1/16 Line
Approx. 1/16 Line
Note:
Power Poles to be Relocated Outside New R/W
100'
47'
108'
100'
55'
275'
100'
16'
22'

REDUCED SIZE
DO NOT SCALE

Click here for I-10 Index

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

REVISIONS				PROJECT NO.	I-10-6(71)
CO. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3354	8-1-72	DWS	REVISED DETAIL DIMENSIONS.	SHEET NO.	16 OF 38
3925	4-30-74	R.R.	Removed 24" P.Culv. 266'+50'±. Changed	DRAWN BY	RAB
"	"	"	Size P.Culv. at 2662'± Dispo. Exist. Fences.	DATE COMP.	6-27-72
4929	7-29-77	R.M.	Finalized	SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS

6-8-72

CHECKED BY T.E. Kerns Dept. of Transp.

HARDCOPY 6635 MI

FINALIZED

T.12S. R.26E.

29 28 — ¼ Cor. Found Stone 6"x7" Marked "¼" on West Face

Section Line

2642.86' N0°02'17"E

P.O.T. Sta. 2653+99.34 — ⅝" I. Pin

SE¼SE¼ | SW¼SW¼ | SE¼SW¼

2640 | 2645 | 2650 | 2655 | 2660 | 2665 | 2670

2-490 | 2-490 L-1 | 2-491 | 2-491 L-1

New 42" Pipe Culvert
New 5 Wire Fence
Exist 4 Str. B.W. Fence Remove
New R/W
New Type 2 Gate
Flood Gate
1648.67'
W.B. Constr. ℄
1380.95'
54.11
Remove
N78°26'11"E
Exist. R/W
Slope Limits
4896.72'
4907.60'
S89°54'14"E 2641.84'
130.16
Obliterate
Exist. W.B. ℄
P.O.T. 2644.48.57 Sec. Line
E.B. Exist. & Constr. ℄
721.86'
4 Wire Fence Remove
New 4 Wire Fence
840.70'
N78°26'11"E
Survey ℄
N78°19'50"E (Rec.)
Slope Limits
Exist. R/W
S11°33'49"E 50.00'
N11°33'49"W 50.00'
20' Easement For Electric Ln. #1341-N To Sulphur Springs Valley Electric Co-op, Inc.
Exist. 4 Str. B.W. Fence To Remain
Exist. Dike
Sec. Cor. Found Stone 7"x13" Marked 4 Grooves on North
N78°26'11"E~300'
2660-00
2663-00
Exist. 48"\|23'+18"+4' C.M.P. Remove
Exist. 4 Str. B.W. Fence To Remain
Exist. Sign Remove
Exist. 6'0"x7'0"x115.56' Conc. Box Culv. Extend
2648+00
NEW DRAIN EASE (SEE DETAIL BELOW)
NW¼NW¼
P.O.T. 2651+85.48
Survey ℄ N78°26'11"E
NEW SLOPE EASE 0.34 Ac.
Approx. Section Line
¼ Cor. Not Found
New Type 2 Gate
Flood Gate
NE¼NE¼
Exist. 4 Str. B.W. Fence
2-489 | 2-489 L-1
2-490 | 2-490 L-1
Assumed Section Line ℄
Exist. R/W
266.43'
0.37 Ac.
2651+59.30
92.87'
0.02 Ac.
90.98'
148.93'
N10°02'17"E
18.77'
N78°26'11"E
S11°33'49"E 50'
N78°26'11"E.
2651+49.04
32.27'
349.04'
DETAIL - DRAINAGE EASEMENT
(No Scale)
32 33¼ Cor. Not Found
Approx. ¼ Line
NE¼NW¼
Match Line
REDUCED SIZE DO NOT SCALE

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BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

REVISIONS				PROJECT NO.	I-10-6(71)
C.O. NO	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3925	4-30-74	R.R.	Added New 30" P. Culv. 2680+50±	SHEET NO.	17 OF 38
3985	7-5-74	TEK	Bid Rev: Removed callout referring to picnic area	DRAWN BY	RAB
4929	7-29-77	R.M.	Finalized	DATE COMP.	6-27-72
				SCALE	1" = 100'
				HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	

FINALIZED

T.E. Clark
CHECKED BY 336 Land Survey
HARDCOPY 6635 MI

T.12S. R.26E. SECTION 28

NW1/4SE1/4 NE1/4SE1/4

2670 2675 2680 2685 2690 2695 2700

Line P.O.T. Sta. 2675+48.79 Approx. 1/16 Line P.C. Sta. 2699.95 ℄ W.B. Survey ℄ Line

2-491 (2-491 L-1)

New Drain. Easement-75'±150'
S11°33'49"E 75.00'
New Type 2 Gate
Flood Gate
New Dyke
2672+50
N78°26'11"E
2674+00
N11°33'49"W 75.00'
0.24 Ac.

Exist. 4 Str. B.W. Fence Remove
New 5 Wire Fence
New R/W
Slope Limits
Exist. R/W
Obliterate
Exist. W.B. ℄
W.B. Constr. ℄
N78°26'11"E
4896.72'
4907.60'

Flood Gate
New Dyke
New Type 2 Gate
Remove

100' 47' 108' 55' 27.5' 100'

4 Wire Fence Remove
Survey ℄
Slope Limits
New 4 Wire Fence
S11°33'49"E 100.00'
New Type 2 Gate
Flood Gate
New Bank Protection
New Drain. Easement 100'±150'
0.34 Ac.
N78°26'11"E
2673+50
2675+00
N11°33'49"W 100.00'
Exist. 60" CMP Remove
Exist. 10'x7' C.B.C. & Cattle Pass Extend
16' 22'
Exist. 30"±121' C.M.P. Remove
New 30" Pipe Culv.
N78°26'11"E
E.B. Exist. & Constr. ℄
N 78°19'50"E (Rec.)
Exist. R/W
20' Easement for Electric Line
1341 - N To Sulphur Springs Valley Electric Co-op, Inc.
Exist. 4 Str. B.W. Fence To Remain
Exist. 3-10'x8' C.B.C. Extend

Exist 4 Wire Fence Remove
New 4 Wire Fence
Flood Gate
New Type 2 Gate

47' 100' Varies 308'

Match
SE1/4SW1/4
SW1/4SE1/4
SE1/4SE1/4
Match

Section Line
Approx. Mid-Section Line
1/4 Cor. Not Found
Approx. 1/16 Line

P.C. Sta. 2699.93.59 E.B. Survey ℄

P.C. Sta. 2696+47.63
E.B. Constr. ℄

E.B. Constr. ℄
Curve Data
P.I. 2702+01.36
Δ = 3°41'25" Rt
D = 0°20'00"
R = 17,188.73'
L = 1107.08'
T = 553.73'

Sec. Cor. - Fnd. 9"x12" Stone 14" Above Gnd. Marked 3 Groves on NE Cor. 1 Grove on S.E. Cor.

28 27 33 34

33

REDUCED SIZE DO NOT SCALE

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BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

SAFFORD INTERCHANGE

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
CO. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2- T-449
3925	4-30-74	R.R.	Chgd #2 to #1 Gate (Locked). Disp.	SHEET NO.	18 OF 38
"	"	"	Exist Fences.	DRAWN BY	RAB
4929	7-29-77	R.M.	Finalized	DATE COMP.	6-27-72
				SCALE	1"=200'
				HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	

T.E. Hanna — CHECKED BY — Dec. 6 1972

HARDCOPY 6635MI

T.12S. R.26E.

W.B. Constr. ℄ Curve Data
P.I. 2730+08.86
Δ = 5°58'20" Lt.
D = 1°12'28.51"
R = 4743.34'
L = 494.42'
T = 247.43'

P.I. 2711+99.22 W.B. Constr. ℄ Curve Data
Δ = 7°11'25" Rt.
D = 0°20'00"
R = 17,188.73'
L = 2157.08'
T = 1079.96'

P.I 2702+01.36 E.B. Constr. ℄ Curve Data
Δ = 3°41'25" Rt.
D = 0°20'00"
R = 17,188.73'
L = 1107.08'
T = 553.73'

P.I 2737+26.52 E.B. Constr. ℄ Curve Data
Δ = 0°30'00" Rt.
D = 0°15'00"
R = 22,918.31'
L = 200.00'
T = 100.00'

P.I 2740+30.56 W.B. Constr. ℄ Curve Data
Δ = 2°58'20" Rt.
D = 0°30'00"
R = 11,459.16'
L = 594.44'
T = 297.29'

Exist. 10'×7'×121.5' C.B.C. & Cattle Pass To Remain
To Safford & Hwy 666 34 Miles
Exist. 20' Road
Exist Cattle Guard To Remain
Exist Type 1 Gate To Remain
Approx. ¼ Line
SEI/4NWI/4
SWI/4NWI/4
SWI/4NEI/4
SEI/4NEI/4
2700 2705 2710 2715 2720 2725 2730 2735 2740 2745 2750 2755 2760
¼ Cor Found 5"×8" Stone 6" Above Ground Marked ¼ on East Side
28 27
Mid-Section Line
NWI/4SWI/4
NEI/4SWI/4
P.T. Sta. 2722+76.34 W.B. Constr. ℄
P.C. Sta. 2737+33.27 W.B. Constr. ℄
P.T. Sta. 2743+27.71 W.B. Constr. ℄ Bk.
P.O.T. Sta. 2743+22.53 E.B. & W.B. Constr. ℄ Ahd.
P.O.T. Sta. 2743+16.47 E.B. Constr. ℄ Bk. =
U.S.C.&G.S. Δ Sta. "Exit" To Be Preserved
Exist. 30"×78' C.M.P. Remove
Exist. 2-36"×90' C.M.P. Remove
Exist. 60"×192' C.M.P. To Remain
New 350'×200' Dr. Easement
2-491
2-491 L-1
2-492
2-492 L-1
Exist. 4 Str. B.W. Fence To Remain
Exist. 2-6'×7'×42.5' C.B.C. & Cattle Pass Remove
Exist 4 Str. B.W. Fence Remove
New 5 Wire Fence
New R/W
New Type 2 Gate Flood Gate
Exist 4 Str. B.W. Fence Remove
Exist Bank Protection Remove To Remain
Exist. Bank Protection Remove
Flood Gate New Type 2 Gate
Exist. R/W
Obliterate
Section Line
N 0°08'00" E. 1164.22'
P.C. Sta. 2701+19.26 W.B. Constr. ℄
2701+19.26 WB 135' Lt.
135' Lt. 2701+80 WB L.T.B. N 80°22'20" E
L=72.81'
35.00' S. 9°37'40" E.
0.50 Ac.
35.00' N 11°33'49" W
R=17323.73' L=512.49'
R=17,388.73' L=554.63'
L.T.B. N 80°07'53" E.
N 78°26'11" E. 82.30'
619.14' N 78°26'11" E
192.07' N 76°57'25" E
N 78°26'11" E
R=1809.86' L=82.75'
Ramp "C" Constr. ℄
W.B. Constr. ℄ N 85°37'36" E
N 79°39'16" E
N 02°41'08" E 148.06'
N 82°07'36" E 1841.01'
Ramp "A" Constr. ℄
Ramp "B" Constr. ℄ No Access
N 74°42'41" E New R/W & Slope Limits
N 74°42'41" E 1276'
N 15°17'19" W New 150'×150' Dr. Easement 0.52 Ac.
Exist. 4 Str. B.W. Fence Remove New 5 B.W. Fence
Exist. 10' Dirt Road Obliterate
Exist. 4 B.W. Fence To Remain New 4 Wire Fence
Exist. 4 Wire Fence Remove
Exist. 2-6'×7' C.B.C. & Cattle Pass Extend
Exist. 10'×10' C.B.C. Remove
Exist. 4 Str. B.W. Fence To Remain
New Type 2 Gate
Exist. Dirt Road
Flood Gate
Exist. R/W
R=816.20'
Approx. Mid-Section Line
2730+17.89 Survey ℄
391.25' Rt.
2733+78.97 Survey ℄
421.24' Lt.
P.C. Sta. 2727+61.43 W.B. Constr. ℄
P.T. Sta. 2732+55.85 W.B. Constr. ℄
P.C. Sta. 2736+26.52 E.B. Constr. ℄
P.T. Sta. 2738+26.52 E.B. Constr. ℄
Slope Limits & No Access
N 88°56'57" W 350' 1.61 Ac. 1643.30'
S 1°03'03" W 200'
N 88°56'57" W
S 42°45'31" E 517.10'
EQUATION
P.O.T. Sta. 2753+00.00 Ahd.
P.O.T. Sta. 2753+00.00 Bk. = 2750+04.54 W.B.
New 5 Wire Fence
Exist. 4 Str. B.W. Fence Remove
New R/W
100' Lt. 924.94'
750.00' 6.43 Ac.
Ramp "D" Constr. ℄
Exist. W.B. ℄ Survey ℄
E.B. Exist. & Constr. ℄
Exist. R/W
2185.00'
N 82°37'36" E
N 82°31' E (Rec.)
2749+15 Survey ℄
Exist. 4 B.W. Fence To Remain
Exist. 48" CMP Remove New 48" C.M.P.
Approx. ¼ Line
Sec. Cor. Not Found
Exist. 60" C.M.P. Remove
Exist. 2-6'×7' C.B.C. & Cattle Pass Extend
New R/W
Exist. 12'×12' C.B.C. Remove
New Type 2 Gate & Flood Gate
Assumed Section Line
¼ Cor Found Stone 4"×4" Marked "¼" on West Face
Set ⅝" I Pin
2759+29.48
POT 2759+06.37
¼ Cor. Tie
53.43'
70.05'
N 02°43'38" W 511.08'
128.53'
27 26 34 35
¼ Cor Found Stone 8"×10" Marked "¼" on West Face
Match
Match
Note: Relocate Power Poles Outside R/W
20' Esmt For Electric Ln. #1341-N Sulphur Springs Valley Electric Co-op, Inc.
New Type 1 Gate locked El Paso Natural Gas Co.
15 Exist. Trees Relocate
Exist. 4 B.W. Fence To Remain
New 4 Wire Fence
Obliterate
Exist. Fence Remove
Exist. 4 Str. B.W. Fence To Remain
New Type 2 Gate
Sec. Cor. Found 9"×12" Stone 14" Above Ground Marked 3 Grooves on N.E. Cor., 1 Groove on S.E. Cor.
SEI/4SEI/4
SWI/4SWI/4
SWI/4SEI/4
SEI/4SEI/4
REDUCED SIZE DO NOT SCALE
2-493
2-493 L-1
308' Var. Var. 100' 47' 275' 55' 100' 108' 100'

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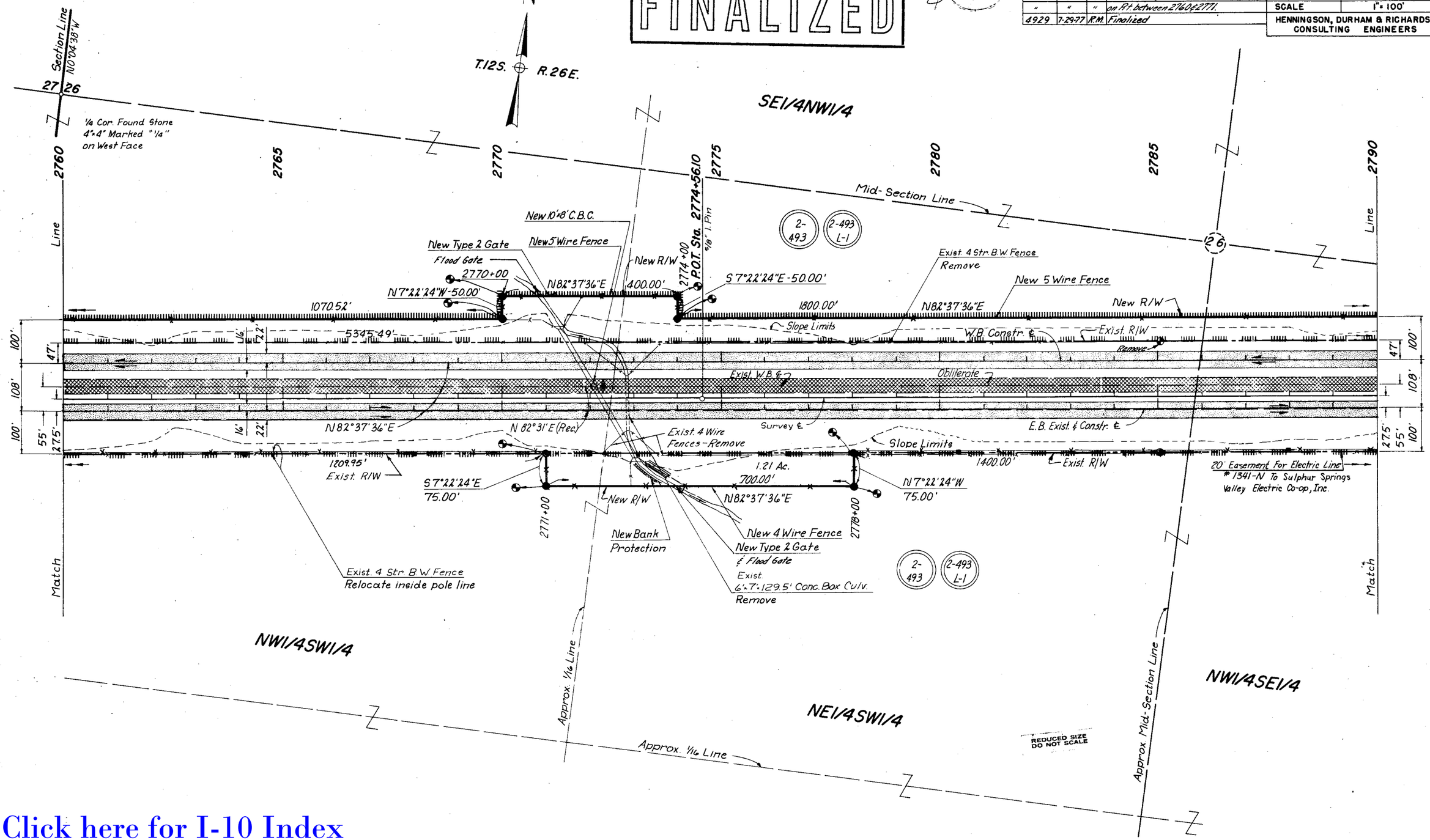
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3354	8-1-72	DWS	REVISED FENCE RT. 2774±.
3925	4-30-74	R.R.	Changed & Added disposition of Exist.
"	"	"	Fences. Chgd. Access Control (Exist.)
"	"	"	on Rt. between 2760 & 2771.
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	19 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



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CHECKED BY
HARDCOPY 6635MI

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3354	8-1-72	DWS	REVISED FENCE ET. 2795±.	SHEET NO.	20 OF 38
3925	4-30-74	R.R.	Added disposition of Exist. & New	DRAWN BY	RAB
"	"	"	Fences & Added 2-10'x8' C.B. Culvs.	DATE COMP.	6-27-72
4929	7-29-77	R.M.	Finalized	SCALE	1" = 100'
				HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	

T.E. Hanna
CHECKED BY DR 0.8 6-27-72
HARDCOPY 6635MI

T.12S. — R.26E.

Sec. Cor. Found 10"x12" Stone Marked 2 Grooves on South Face

23 24 26 25

2790 2795 2800 2805 2810 2815 2820

SW1/4NE1/4 SE1/4NE1/4 SW1/4NW1/4

P.O.T. Sta. 2807+00.00

⅝" I Pin

Line

N 7°22'24"W 30.00'

2792+00

New Type 2 Gate & Flood Gate

New 80'x600' Drainage Easement 1.10 Ac.

Mid-Section Line

N 82°37'36"E

New R/W

1800.00'

600.00'

S 7°22'24"E 30.00'

Exist. 4 Str. B.W. Fence Remove

New 5 Wire Fence

New R/W

1475.03'

N82°37'36"E 5345.49'

Slope Limits

W.B. Constr. ℄

Exist. R/W

Obliterate

Exist. W.B. ℄

2-493 L-1

2-493

N 0°00'39"W 2663.29' 2648.29'

2-494 L-1

2-494

New Bank Protection

Flood Gate

1390.80'

1325.78'

Remove

26 25

Line

100' 47' 108' 55' 275'

N82°31"E (Rec.)

Exist. 4 Wire Fence Remove

16' 22'

Survey ℄ E.B. Exist. & Constr. ℄

N 82°37'36"E

Slope Limits

POT Sta. 2812±51.66 Sec. Cor. Tie

Slope Limits

1400.00'

0.83 Ac. New R/W

N 82°37'36"E

N7°22'24"W 60'

600'

N7°22'24"W 60'

Exist. R/W

1/4 Cor. Reset with Copperweld From As-built Plans FI-130(10) 1956

20' Easement For Electric Line #1341-N To Sulphur Springs Valley Electric Co-op, Inc.

New R/W

2792+00

New 4 Wire Fence

2799+00

Exist. 4 Str. B.W. Fence Relocate inside pole line

Exist. 4'-4'-1495' Conc. Box Culv. Extend

Match

New Type 2 Gate & Flood Gate

Exist. 2-10'x8' C.B.C. Remove

2-493 L-1

2-494 L-1

Assumed Section Line

S 7°22'24"E-775.00'

Match

Remove Exist. 2-10'x8'x52.49' Conc. Box Culv. New 2-10'x8' C.B.C.

NW1/4SE1/4

NE1/4SE1/4

NW1/4SW1/4

Approx. 1/16 Line

Sec. Cor. Not Found

26 25 35 36

1/4 Cor. Found 12"x8" Stone Marked "1/4" on West Face

35 36

REDUCED SIZE DO NOT SCALE

Click here for I-10 Index

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY.

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-2-T-449
3886	3-7-74	WDS	Added Abandoned Rd. Lt. Sta. 2834+50±	SHEET NO.	21 OF 38
3925	4-30-74	R.R.	Removed #2 Gate Rt. 2821± on New R/W	DRAWN BY	RAB
"	"	"	Moved A.C. (Exist) 10' Lt.± between 2820 & 2826±	DATE COMP.	6-27-72
"	"	"		SCALE	1" = 100'
4929	7-29-77	R.M.	Finalized	HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	

T.E. Kraus
DS 0.S. 6-1972

CHECKED BY

HARDCOPY 6635MI

T.12S. R.26E.

SWI/4NWI/4 | SEI/4NWI/4 | SWI/4NEI/4

2820 | 2825 | 2830 | 2835 | 2840 | 2845 | 2850

2-494 | 2-494 L-1

Exist. Sign Remove

2826+65.83 W.B. Constr. ℄ 100' Lt.

N82°45'11"E 150.65'

Abandoned Road Bed

No Access

New 5 Wire Fence

New R/W

R=11,667.16' L=1334.68'

N89°03'17"E 150.65'

Pt. 2839+89.07 W.B. Constr. ℄ Bk. 100' Lt.

123.28'

N0°49'08"W 100'

2841+00

Exist. 4 Str. B.W. Fence Remove

N89°10'52"E New R/W 1200.00'

New Channel

New Bank Protection

Line

Slope Limits

1390.80'

N82°37'36"E

1325.78'

Remove

16' 22' W.B. Constr. ℄ R=11,559.16' L=1171.02'

249.36'

130'

20'

155'

Exist. R/W

Remove

Remove C.M.P.

℄ Obliterate

16' 22' E.B. Exist. & Constr. ℄ ℄ As Built-1941

Survey ℄

Exist. W.B. ℄

N89°10'52"E

N89°04'E Rec.

N82°37'36"E

N82°31'E (Rec.)

Slope Limits

R=11,304.16' L=1145.19'

Exist. R/W

393.96'

0.34 Ac.

N7°22'24"W-75.00'

Exist. 4 Str. B.W. Fence

Relocate inside pole line

N89°03'20"E 148.99'

(251.41')

No Access

Abandoned Road Bed

20' Esmt. For Elect. Ln. # 1341-N to Sulphur Springs Valley Electric Co-op, Inc.

Approx. Mid-Section Line

Match

2820+00

New R/W

2822+00

Exist. 4 Str. B.W. Fence Remove

Flood Gate

New Bank Protection

New 4 Wire Fence

Relocate Guy outside R/W

Exist. 4 Str. B.W. Fence To Remain

25

Match

NWI/4SWI/4

NEI/4SWI/4

NWI/4SEI/4

As Built 1941 ℄ Curve Data

Total Curve	Main Curve
Δ = 6°33'00" Rt.	Δ = 5°48'00"
R. o-11,459.24	D = 0°30'00"
L = 1460.00'	R = 11,459.16'
T_s = 730.72'	L = 1160.00

Spiral
a = 1/3
Δ = 0°22'30"
L = 150.00'
t = 75.00'

P.I. Sta. 2833+21.99
E.B. Constr. ℄
Curve Data
Δ = 6°33'16" Rt.
D = 0°30'00"
R = 11,459.16'
L = 1310.89'
T = 656.16'

P.I. Sta. 2833+28.17
W.B. Constr. ℄
Curve Data
Δ = 6°33'16" Rt.
D = 0°29'43"
R = 11,567.16'
L = 1323.24'
T = 662.34'

Approx. 1/16 Line

T.S. Sta. 2825+81.03 As Built 1941 ℄

P.C. Sta. 2826+65.83 E.B. & W.B. Constr. & Survey ℄

S.C. Sta. 2827+31.03 As Built 1941 ℄

C.S. Sta. 2838+97.03 As Built 1941 ℄

Approx. Mid-Section Line

P.T. Sta. 2839+76.72 E.B. Constr. ℄ ‡ As Built 1956 ℄ Bk.

P.T. Sta. 2839+89.07 W.B. Constr. ℄ Bk. =

P.O.T. Sta. 2839+76.72 E.B. & W.B. Constr. & Surv. ℄ Ahd.

S.T. Sta. 2840+47.03 As Built 1941 ℄ Bk. =

P.O.T. Sta. 2840+48.59 Exist. W.B. ℄ Ahd.

‡ REDUCED SIZE DO NOT SCALE

Click here for I-10 Index

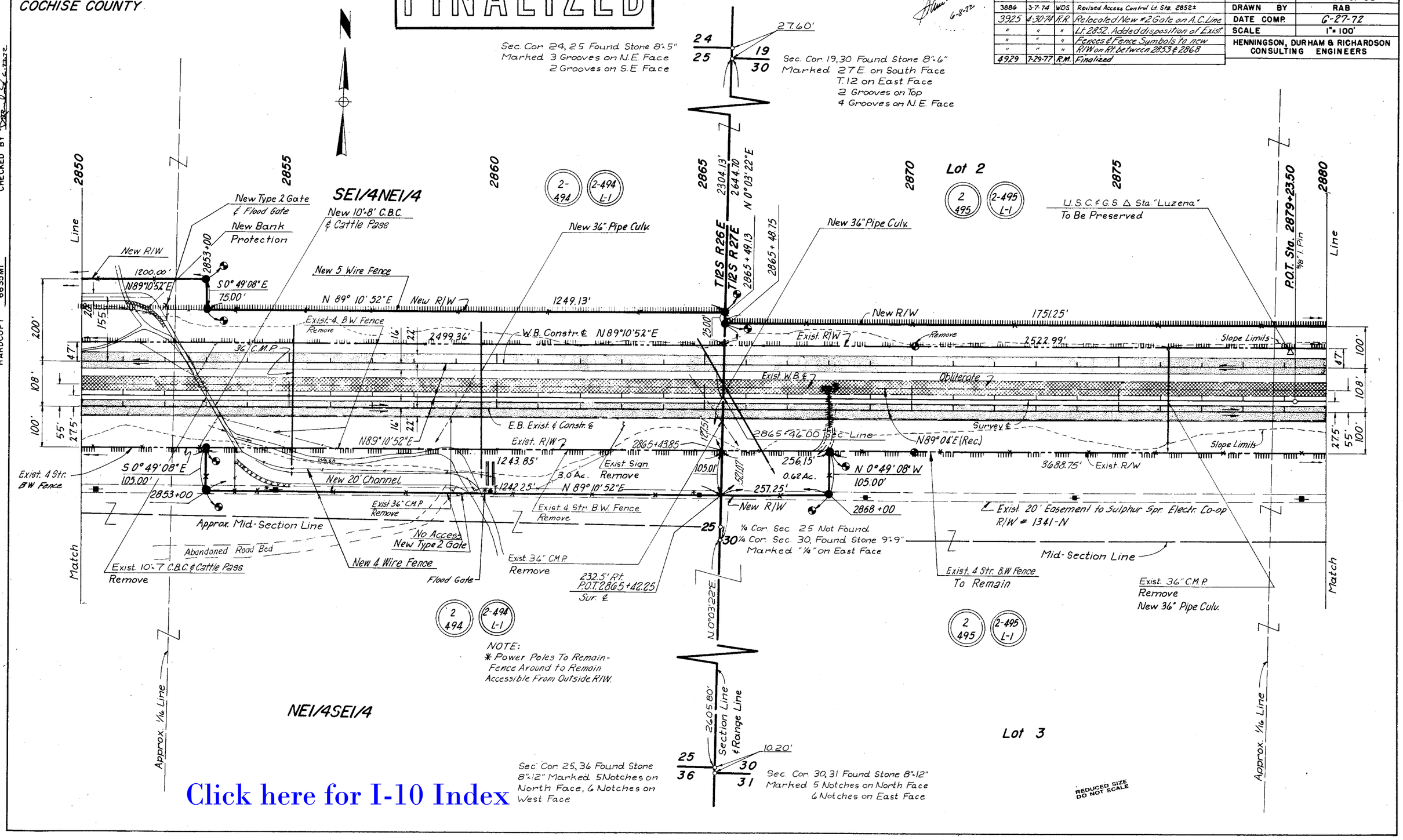
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3354	8-1-72	DWS	REVISED FENCE RT. 2860±.
3886	3-7-74	WDS	Revised Access Control Lt. Sta. 2852±
3925	4-30-74	R.R.	Relocated New #2 Gate on A.C. Line
"	"	"	Lt. 2852. Added disposition of Exist.
"	"	"	Fences & Fence Symbols to new
"	"	"	R/W on Rt. between 2853 & 2868
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	22 OF 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



Click here for I-10 Index

HARDCOPY 6635MI
CHECKED BY

BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

D. & L.S. CHECKED BY R.E. Lewis 6-27-72

HARDCOPY 6635 MI

REVISIONS			
C.O.	DATE	BY	DESCRIPTION
3925	4-30-74	R.R.	Chgd. A.C. Rt. Ramp "A" to go around Power Pole, Removed Ex. Unit C.G. on Rt. Ramp "A" & Ex. Unit C.G. on Lt. Ramp "B", Added 2 Unit C.G. on Lt. Ramp "A" & Rt. Ramp "B", Added 100' x 240' D.E. Chgd. Curve Data for Lt. Ramp "A", Added Lt. Ramp "B" & Curve Data, Added Ex. Guy Anchor & Power Pole on Lt. Ramp "A", Chgd. C & S Station Tie at Rt. & Lt. Ramp "A" to Match Frontage Rd.
"	"	"	
"	"	"	
"	"	"	
"	"	"	

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
3354	8-1-72	DWS	CHANGED 1721.55 TO 1751.25.
3886	3-6-74	WDS	Added New R/W (1974) Lt. P.O.C. 2912+00 W.B. Const.
"	"	"	Lt. P.O.T. 2895 to P.O.T. 2900 & Rt. P.O.T. 2897+75 to
"	"	"	P.O.T. 2900+20 E.B. Constr. & Revised Access.
"	"	"	Control SE Quadrant Luzena T.I.

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	23 of 38
DRAWN BY	RAB
DATE COMP.	6-27-72
SCALE	1"=200'

HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS

6-8-72

T.12S. R.27E.

Sec. 19 | 20 / 30 | 29 — 30' Easement to A.T. & T. Co. R/W # 2439, Dated 3-29-60

Sec. Cor Found 1½" I. Pipe

Exist. 50' Easement for Future Frontage Rd.

To Safford & Hwy 666

SE1/4NW1/4 — SW1/4NE1/4 — SW1/4NW1/4 — SE1/4NW1/4

Approx. 1/16 Line

1180' Lt. W.B. & P.O.T. 2887+40.00

New R/W (1974)

N 37°30'52" E 548.18'

S 56°54'05" E 1397.86'

New R/W

Exist. 5 Str. B.W. Fence To Remain

Exist. Dyke To Remain

Exist. Bank Protection To Remain

Exist. Dyke To Remain

New 5 Wire Fence

Exist. R/W Line

Exist. 4 Str. B.W. Fence Remove

750' Lt. W.B. & P.O.T. 2884+00.00

N 60°16'23" W 1160.14'

127.69' Remove

N 0°49'08" W 2883+00

2888+00

30' 30'

100' Lt. W.B. & P.O.T. 2893+70.14

100' Lt. W.B. & P.O.T. 2895+00

100.00' N 89°10'52" E

NEW R/W (1751.25')

500.00'

2528.95'

N 89°04' E Rec.

N 89°10'52" E

3688.75'

Exist. R/W

Survey-℄

Exist. W.B. ℄ Exist. E.B. ℄

Slope Limits

Mid. Section Line

Match

Exist. 4 Str. B.W. Fence To Remain

New Bank Protection

New 4-25' Span R.C.C. Slab Bridge

100' Rt. E.B. & P.O.T. 2897+75.00

Exist. 4-25' Span R.C.C. Slab Bridge Remove

Exist. 4-25' Span R.C.C. Slab Bridge To Be Widened

Exist. Bank Protection To Remain

Exist. 20' Easement to Sulph. Spr. El. Co-op R/W # 1341-N

Approx. Mid. Section Line

NE1/4SW1/4 — NW1/4SE1/4

Approx. 1/16 Line

P.O.T. 2902+10.28 W.B. Constr. ℄ Bk. = EQUA. P.C. 2902+09.53 W.B. Constr. ℄ Ahd.

P.C. Sta. 2905+81.48 Exist. W.B. ℄

4 Wire Fence

New 5 Unit C.G. w/o gate

2-495 L-2

S 0°49'08" E 300.00'

100' Lt. W.B. & P.O.T. 2899+00

N 0°42'50" W 75'

264.76' Lt. P.O.C. 2912+25 W.B.

SE1/4NE1/4

N 0°42'50" W 2639.29'

50' 150'

New R/W (1974)

N 89° 17' 10" E 860.16'

5 Wire Fence New R/W (1972)

4 Wire Fence Remove

Remove

Ramp "C" ℄

Exist. Ramp "C" Remove

Exist. Ramp "D" N. 89° 17' 10" E.

P.O.T. 2917+01.45 4 Span Steel Girder Br. W.B. Constr. ℄

Ramp "A" ℄

Ramp "B" ℄

100' Rt. E.B. & P.O.T. 2900+80.00

S 76°46'09" E 505.50'

245.00'

Draw

S 51°08'48" E 997.41'

N 50°54'11" W 1467.72'

BEARING EQUATION: N 89°10'52" E Bk. = N 89°17'10" E Ahd.

Approx. 1/16 Line

P.O.T. 2904+88.75 Exist. E.B. Bk. P.O.T. 2904+88.00 Exist. E.B. Ahd.

Equation: P.C. 2905+56.34 E.B. Constr. ℄

P.C. Sta. 2905+40.00

Exist. 42" C.M.P. Extend

2-495 L-2

590' Rt. E.B. & P.O.C. 2906+20.00

Exist. 5 Str. B.W. Fence Remove

Exist. Ramp "A"

740' Rt. E.B. & P.O.T. 2905+40.00

S 68°27'46" E 946.18'

New R/W (1972)

New R/W (1974)

P.O.C. 2910+00 E.B. Constr. 200' Rt.

¼ Cor. Found 1" I. Pipe

Exist. Poles to Remain Fence around To Make Accessible.

P.O.C. 2920+00 E.B. Constr. ℄ 360' Rt.

Assumed Section Line

P.C.C. Sta. 2922+92.26 E.B. Constr. ℄

P.O.C. 2922+00.28 E.B. Constr. ~ 300' Rt.

S 32°15'39" E ~ 221.59' (R)

Exist. 20'-200' Drainage Easement

4 Wire Fence Exist. Frontage Road ℄ Exist. 5 Wire Fence To Remain

2-497

NW1/4SW1/4

℄ Exist. Rdwy. Curve Data E.B. & W.B.

Δ = 54°16'20" Rt.
D = 1°15'00"
R = 4583.66'
L = 4341.78'
T = 2349.22'

Sec. Cor. Not Found

30 | 29 / 31 | 32

2940

Match

1/16 Line

P.C.C. Sta. 2923+98.72 W.B. Constr. ℄

New R/W (1974) for Future Frontage Rd.

P.O.C. 2923+07.84 W.B. Constr. ℄ 472.99' Lt.

P.O.C. 2916+00.92 W.B. Constr. ℄ 511.04' Lt.

P.O.C. 2916+11.61 W.B. Constr. ℄ 459.45' Lt.

P.O.C. 2922+99.33 W.B. Constr. ℄ 422.88' Lt.

768.09' N 70°25'51" W

S 70°25'51" E 741.13' (R)

Exist. E.B. P.I.

Exist. 5 Str. B.W. Fence Remove

Exist. Ramp "C"

2-496-A / 2-496-A L1

S 48°12'27" E 621.39'

S 36°26'30" E 762.55' (R)

2-496 / 2-496-L1

P.O.C. 2929+21.03 W.B. W.B. Constr. ℄ 211.39' Lt.

P.O.C. 2929+84.85 W.B. Constr. ℄ 247.11' Lt.

EQUATION P.T. Sta. 2930+41.66 E.B. Constr. ℄ Bk. = P.O.C. 2930+39.09 E.B. Constr. ℄ Exist. Ahd.

EQUATION P.T. Sta. 2933+41.97 W.B. Constr. ℄ Bk. = P.O.C. 2933+38.97 W.B. Constr. ℄ Exist. Ahd.

2925 2930 2935

New 5 Wire Fence

Assumed Mid-Section Line ¼

NE1/4SW1/4

29

76.13' S 89°24'49" E

145.24' (R)

New 48" R.C.P. Skd. 12" Rt.

P.O.C. 2928+40.08 W.B. Exist ℄ Const.

New R/W

E.B. Constr. ℄ Ramp "B" ℄

Plug & Abandon

Remove

New R/W

E 4679.66'

96' Lt.

16.5' Easement For Tele. & Tele. Line Bk. 60, Pg. 494

2-497

Line

P.O.C. 2931+00 E.B. Exist & Constr. 265' Rt.

S 79°07'59" E 64.64' (R)

S 73°00'12" E 41.00'

NEW R/W

Exist. R/W

N 48°10'29" W 100' (M)

DETAIL (No Scale)

W.B. Constr. ℄
P.I. 2913+17.64
Δ = 21°53'31" Rt.
D = 1°00'00"
R = 5729.58'
L = 2189.19'
T = 1108.11'

E.B. Constr. ℄
P.I. 2914+36.30
Δ = 23°08'44" Rt.
D = 1°20'00"
R = 4297.19'
L = 1735.92'
T = 879.96'

W.B. Constr. ℄
P.I. 2928+72.25
Δ = 12°34'36" Rt.
D = 1°20'00"
R = 4297.19'
L = 943.25'
T = 473.53'

E.B. Constr. ℄
P.I. 2926+67.69
Δ = 8°44'35" Rt.
D = 1°10'00"
R = 4911.07'
L = 749.40'
T = 375.43'

LUZENA INTERCHANGE
CROSSROAD OVER

REDUCED SIZE DO NOT SCALE

3982	7-9-74	WDS	Added New R/W (1974) for Future Frontage Rd.
4929	7-29-77	P.M.M.	Finalized

Click here for I-10 Index

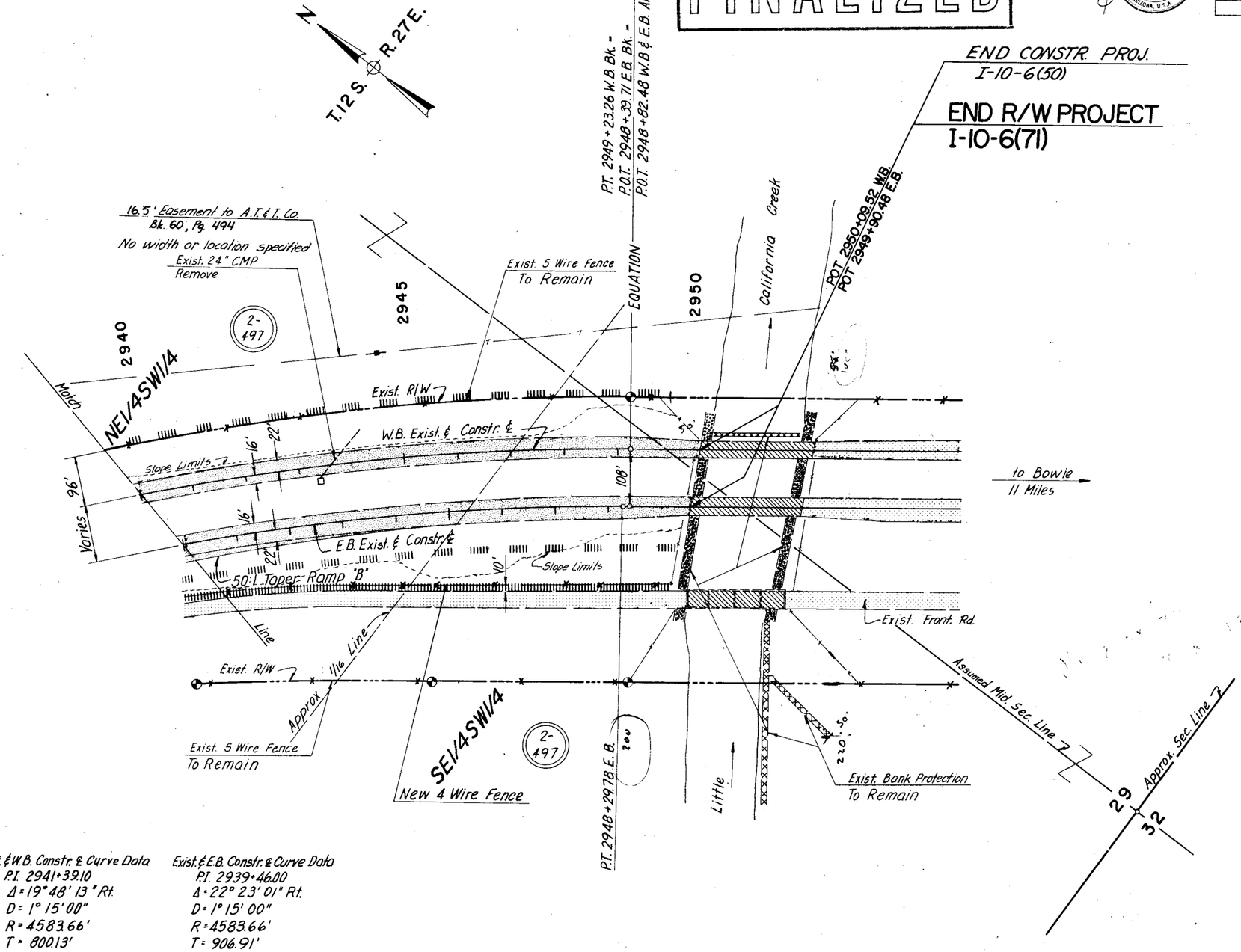
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

FINALIZED

REVISIONS			
CO. NO.	DATE	BY	DESCRIPTION
3925	4-30-74	R.R.	Added End Constr. Proj.
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	24 of 38
DRAWN BY	L.H.H.
DATE COMP.	6-27-72
SCALE	1" = 100'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



Exist. & W.B. Constr. ℄ Curve Data
P.I. 2941+39.10
Δ = 19° 48' 13" Rt.
D = 1° 15' 00"
R = 4583.66'
T = 800.13'
L = 1584.29'

Exist. & E.B. Constr. ℄ Curve Data
P.I. 2939+46.00
Δ = 22° 23' 01" Rt.
D = 1° 15' 00"
R = 4583.66'
T = 906.91'
L = 1790.69'

REDUCED SIZE
DO NOT SCALE

Click here for I-10 Index

HARD COPY 6635 M1 CHECKED BY 6-27-72

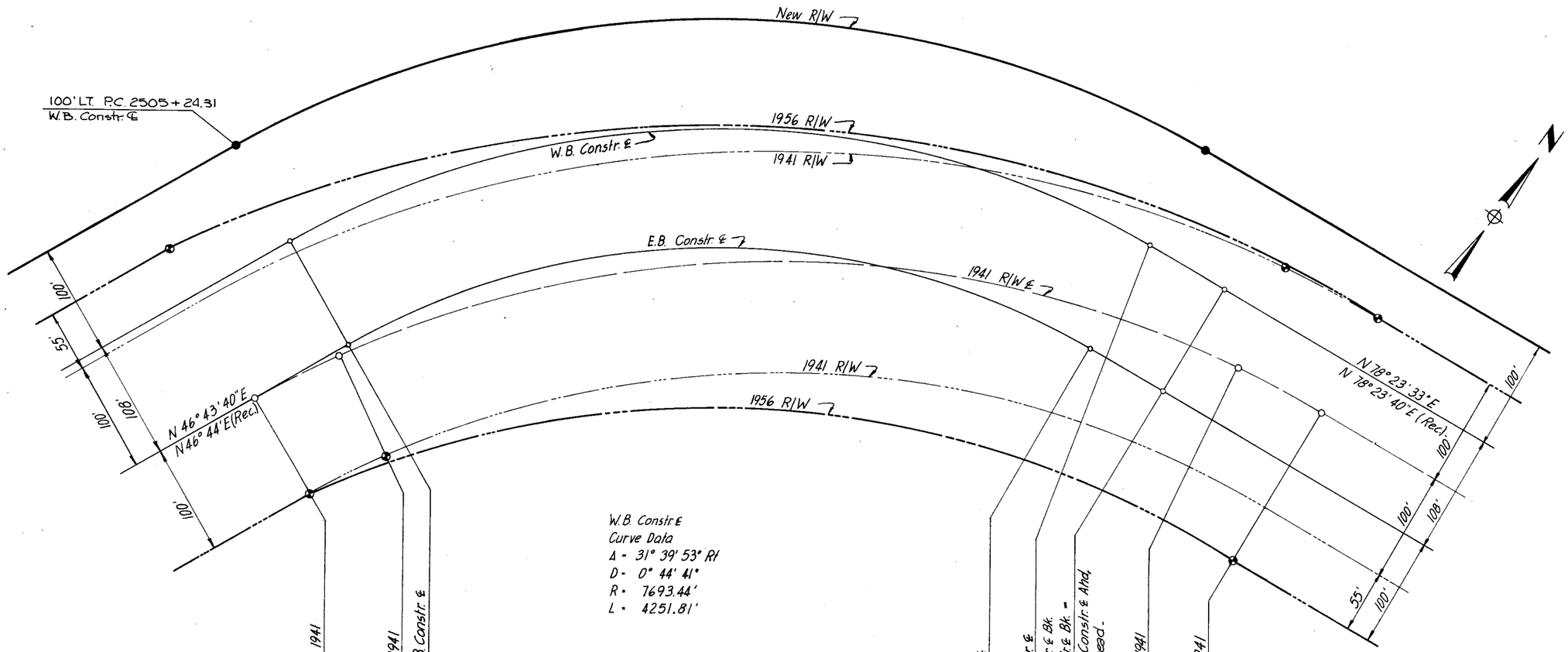
BENSON-STEINS PASS HIGHWAY
WILLCOX-LUZENA SECTION
COCHISE COUNTY

Click here for I-10 Index

FINALIZED

REVISIONS				PROJECT NO.	I-10-6(71)
CO. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D 2 T 449
4929	7-29-77	R.M.	Finalized	SHEET NO.	25 of 38
				DRAWN BY	L.H.H.
				DATE COMP.	6-27-72
				SCALE	NO SCALE
				HENNINGSON, DURHAM & RICHARDSON CONSULTING ENGINEERS	

T.E. Kaye
HARD COPY 6635 H.L. CHECKED BY DB & DLQ 6-27-72



W.B. Constr ℄
Curve Data
Δ = 31° 39' 53" Rt
D = 0° 44' 41"
R = 7693.44'
L = 4251.81'

R/W 1941
Curve Data

Total Curve		Main Curve	
Δ =	31° 39' 40" Rt.	Δ =	30° 19' 40" Rt.
R=0 =	8594.13'	D =	0° 40' 00"
T =	2536.97'	R =	8593.94'
L =	4949.17'	L =	4549.17'

Spiral
a = 1/3
Δ = 0° 40' 00"
L = 200'
t = 100'

DETAIL of CURVE SHOWN ON SHEETS 11 & 12
NO SCALE

REDUCED SIZE
DO NOT SCALE

BENSON—STEINS PASS HIGHWAY
WILLCOX—LUZENA SECTION
COCHISE COUNTY

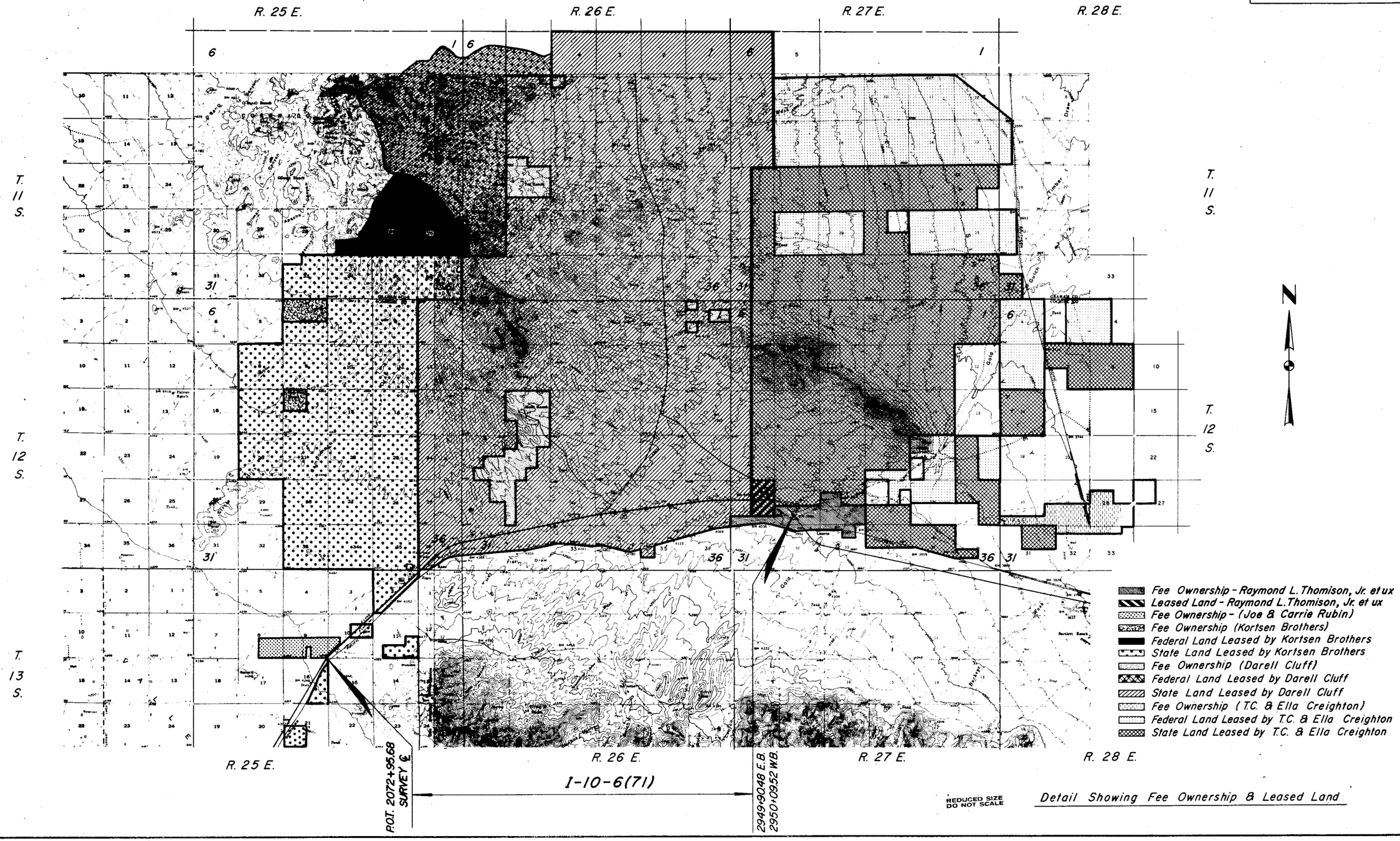
Click here for I-10 Index

FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
4929	7-29-77	R.M.	Finalized

PROJECT NO.	I-10-6(71)
DRAWING NO.	D-2-T-449
SHEET NO.	26 of 38
DRAWN BY	RB
DATE COMP.	6-27-72
SCALE	1" = 5000'

HENNINGSON, DURHAM & RICHARDSON
CONSULTING ENGINEERS



REDUCED SIZE DO NOT SCALE

Detail Showing Fee Ownership & Leased Land

HARDCOPY 6635 M1 CHECKED BY T.E. Kaerda