NOGALES-TUCSON HWY.
CONTINENTAL-SAHUARITA ROAD SECTION
PIMA COUNTY

ABANDONMENT

DRAINAGE EASEMENT TO RETAIN - CENTERED ON END OF CULVERT

XXX'

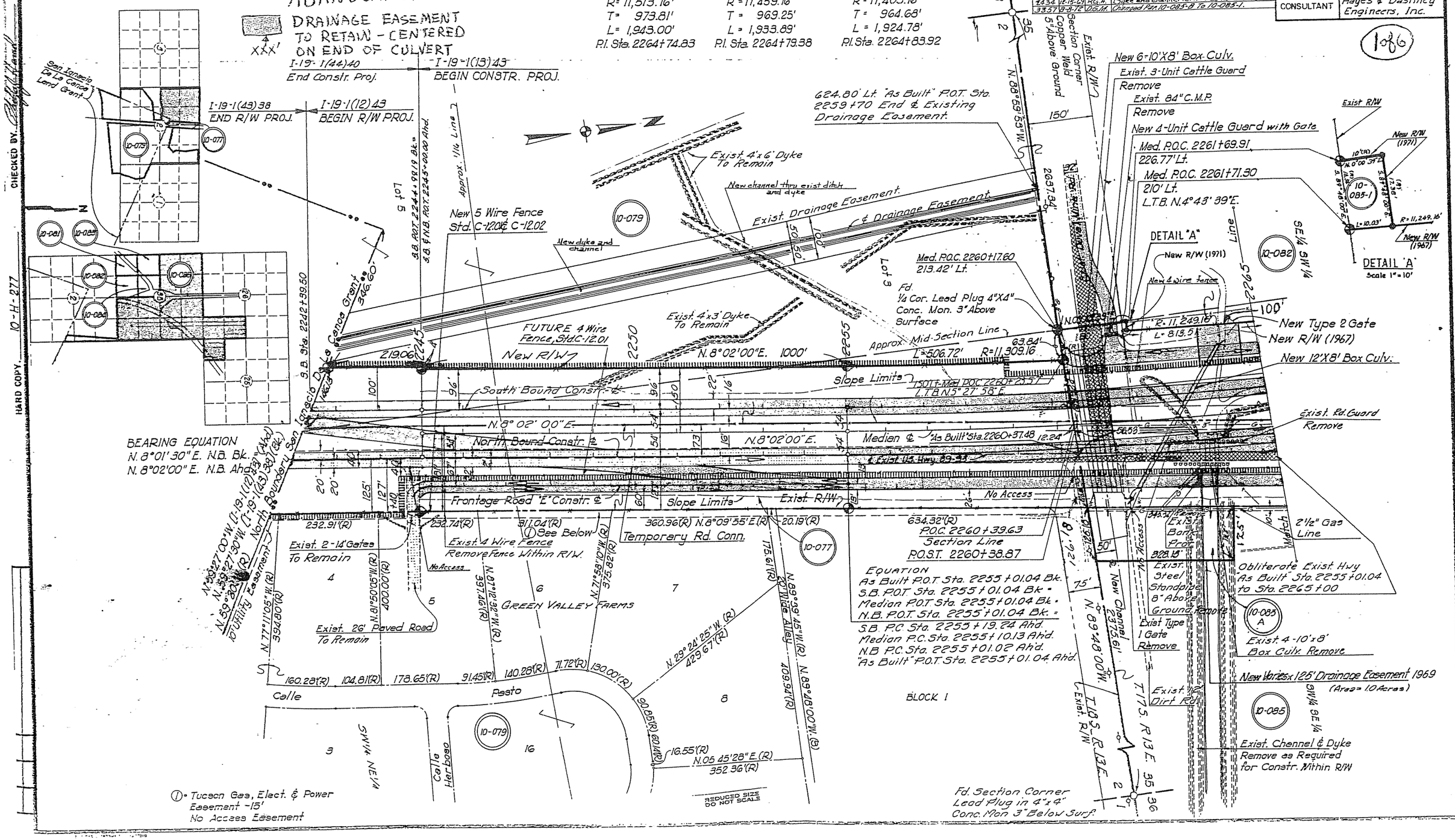
CURVE DATA

North Bound	Median	South Bound
Δ = 9°40'10" Lt.	Δ = 9°40'10" Lt.	Δ = 9°40'10" Lt.
D = 0°29.8593'	D = 0°30'	D = 0°30.1420'
R = 11,513.16'	R = 11,459.16'	R = 11,405.16'
T = 973.81'	T = 969.25'	T = 964.68'
L = 1,943.00'	L = 1,933.89'	L = 1,924.78'
P.I. Sta. 2264+74.83	P.I. Sta. 2264+79.38	P.I. Sta. 2264+83.92

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
2063	10-2-68	H.E.O.	Added Grant Boundary Line.
2769	1-22-69	P.R.	Made various revisions pertaining to Const. Plans Comparison.
2241	3-24-69	H.E.O.	Add'l Drainage Easement 10-085-A. Changed Std. No's.
2939	7-14-69	L.C.K.	Revised Culvert at Sta. 22 63.
4434	12-15-69	R.G.H.	Dike and channel left, fence note 11, sta 2262.
3337	8-8-70	D.G.M.	Changed Par. 10-085-B To 10-085-1.

PROJECT NO.	I-19-1(12) 43
DRAWING NO.	D-10-T-314
SHEET NO.	4 of 14
DRAWN BY	W. Woodson
DATE COMP.	3-31-67
SCALE	1" = 100'
CONSULTANT	Hayes & Dashney Engineers, Inc.

1 of 6



NOGALES - TUCSON HWY.
CONTINENTAL - SAHUARITA ROAD SECTION
PIMA COUNTY

REVISIONS			
2743	1-26-77	R.M.M.	Finalized

C.O. No.	DATE	BY	DESCRIPTION
2043	10-2-68	R.D.P.	Rev. Slopes - Add'l R/W & Ease.
2241 & 2265		H.D.	Added Fence Notes & Cattle Guard Callouts; Chngd Fence Std. Nos.
2329	7-14-69	L.C.K.	Revised Sta on Exist. Hwy. - Added 24" P.C. on Front Rd. "F"
2434	12-15-69	R.G.H.	Added sandry notes. Revised Rd. "G".

PROJECT NO.	I-19-1(12)43
DRAWING NO.	D-10-T-3
SHEET NO.	5 of 14
DRAWN BY	W. Woodson
DATE COMP.	3-31-67
SCALE	1" = 100'
CONSULTANT	Hayes & Dashney Engineers, Inc.

2086

ABANDONMENT

SHEET 12

MATCH LINE

T. 17 S. R. 13 E. SECT. 35

DRAIN EASE. DETAIL

N.9°40'26"E. 228.02'(R)
N.22°19'35"E. 220.33'(R)
209.26'(R)
285'(R)
202.44'
Approx Mid-Sec. Line

Med. Sta. 2281+26.56
672.82' Lt.
LTB = N.73°24'54"E.

Med. Sta. 2279+00
585' Lt.

X-rd. P.T. 43+08.48
85' Lt.

Med. Sta. 2285+50
560' Lt.

Med. Sta. 2283+50
600' Lt.

Med. Sta. 2290+00
360' Lt.

Drainage Easement
See Detail

New 5 Wire Fence
Std. C-12.01 & 12.02

Med. Sta. 2275+25
300' Lt.

SEE 5 of 6 FOR LIMITS

S.B. Med. & N.B. P.T. 2274+44.02

Exist. Earth Dyke
Remove as Req'd For New Constr.

New 4 Wire Fence
Std. C-12.01

Med. P.O.C. 2270+00
210' Lt.

No. 1 Gate

N.10°36'19"W.
523.14'(R)
2-36" C.M.P.

New R/W
R=11,249.16'
L=813.51'
26' Frontage Road "F"

New Bank Protection

Exist. R/W Marker - Remove

Approx. Mid-Section Line

Ramp "A"

Slope Limit

New 4 Wire Fence
Std. C-12.01

Exist. 4 Wire Fence. Remove 1680 L.F. Within R/W.

New 4 Span C.I.P. Concrete Box Girder Bridge

South Bound Constr. ℄
N. 1°38'10" W.
Median ℄
North Bound Survey & Constr. ℄

Exist Earth Dyke
Obliterate Within R/W

New 4 Wire Fence
Std. C-12.01

Med. P.O.T. 2284+00
Cross Road Sta. 50+30.79

Exist. U.S. Highway 89-93 ℄

Future 22' Overlay

Future Ramp "D"

Exist. R/W

26' Frontage Road "E"

Exist. R/W

As Built S.C. Sta. 2270+91.70

"As Built" T.S. Sta. 2267+91.70

Exist. Well, Pump, & Conc. Standpipes to Remain

Exist. Conc. Pipe To Remain

Exist. 4 Wire Fence
Remove Within R/W

New 5 Wire Fence
Std. C-12.01 & 12.02

Slope Limit

Obliterate Exist. Hwy "As Built" Sta. 2265+00 to Sta. 2292+93.84

New 36" Pipe Culv.

Exist. Irr. Ditch

SEE 6 of 6 FOR LIMITS

DUVAL T.I.
(Crossroad Over)

Approx. 1/16 Line

REDUCED SIZE DO NOT SCALE

New 5 Unit C.G. w/o gate

Approx. Mid-Section Line

Ramp "C"

No Access

Front Rd. "G"

Slope Limit

Exist. 4 wire fence to remain

Exist. 4 Wire Fence Remove

L.T.B. = N.31°06'59"E.

"As Built" P.O.C. 2292+50
125' Rt.

"As Built" P.O.C. 2295+50
210' Rt.

"As Built" P.O.C. 2296+40
125' Rt.

New R/W

N.9°34'39"W.
121.89'(R)

Exist. 4 Wire Fence Remove

R=5604.58'

Existing R/W

End Cross Road Sta. 62+99.70
"As Built" P.O.C. 2292+93.84

NOTE: Gross Area Parcel #10-085 Includes Exist. R/W to "As Built" Sta. 2297+00

Exist. 4 Wire Fence

Girder Rd. "G"

490.26'(R)
New R/W.

Med. Sta. 2293+50
195' Rt.

New 5 wire fence

N.21°32'25"W.
308.42'(R)

Exist. Elect. Pump & Well to Remain.

Med. Sta. 2290+60
300' Rt.

Brg. N.60°40'20"W.
29.15'(R)

Med. Sta. 2290+45 - 325' Rt.

Med. Sta. 2287+50
630' Rt.

"As Built" P.O.C. 2289+30
75' Lt. - L.T.B. N.17°54'59"E.

Exist. Elect. Pump & Well to Remain

Med. Sta. 2299+37.00
225' Lt.

New Drainage Easement
Area = 2.0 Ac.

N.20°09'39"E.
363.51'(R)
368.45'(R)
201.94'

Approx. 1/16 Line

Approx. 1/16 Line

Match

Match

SW 1/4 SE 1/4

NW 1/4 SE 1/4

NE 1/4 SW 1/4

SE 1/4 NW 1/4

NE 1/4 NW 1/4

10-082

10-083

10-084

10-085

10-CB1

10-CB2

10-CB3

10-CB4

CURVE DATA

North Bound	Median	South Bound
Δ = 9°40'10" Lt.	Δ = 9°40'10" Lt.	Δ = 9°40'10" Lt.
D = 0°29.8593'	D = 0°30'	D = 0°30.1420'
R = 11,513.16'	R = 11,459.16'	R = 11,405.16'
T = 973.81'	T = 969.25'	T = 964.68'
L = 1,943.00'	L = 1,933.89'	L = 1,924.78'
P.I. Sta. 2264+74.83	P.I. Sta. 2264+79.38	P.I. Sta. 2264+83.92

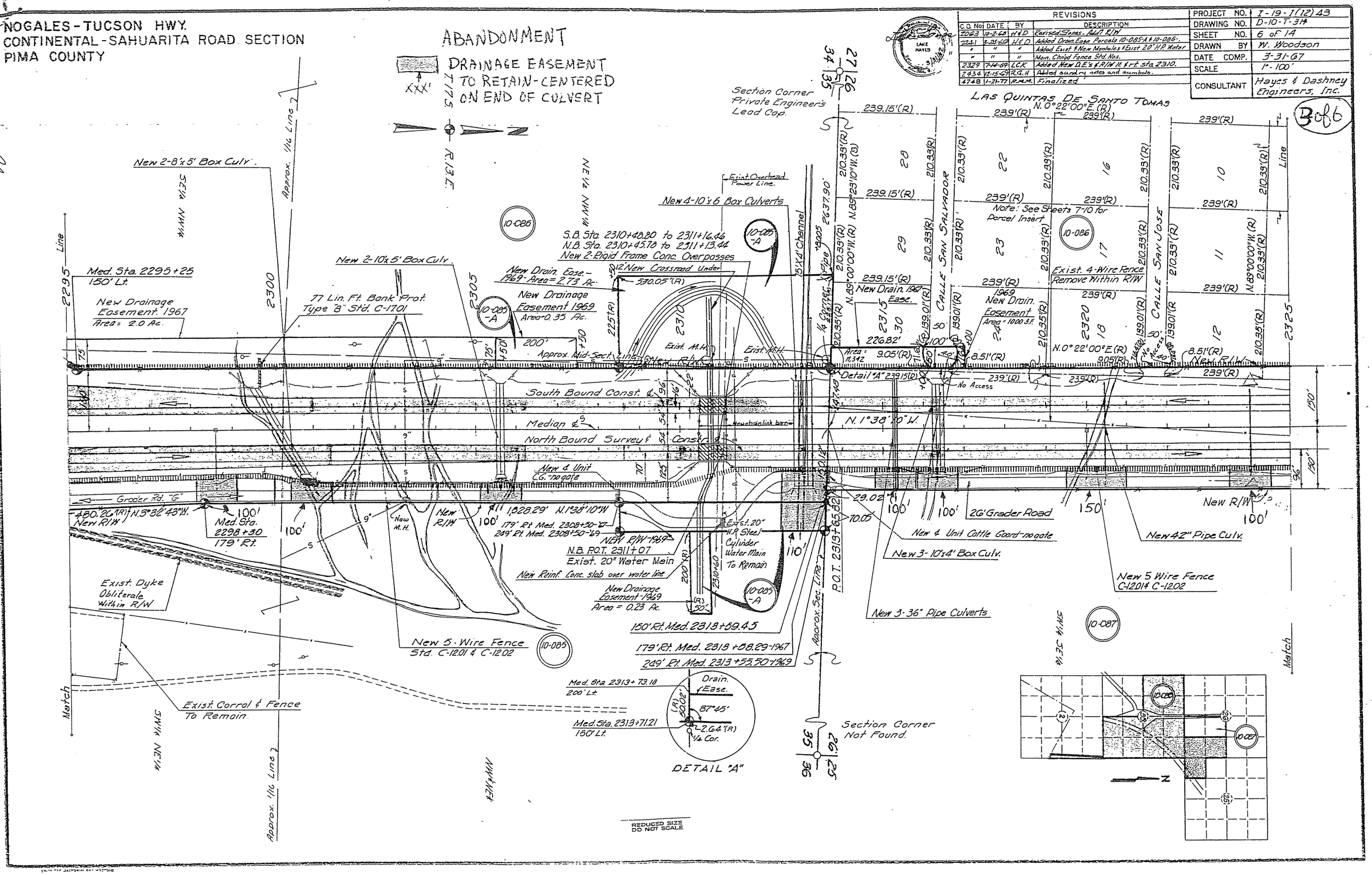
"As Built" Curve Data

Main	Spiral	Total
Δ = 45°52'40"	Δ = 1°30'00"	Δ = 48°52'40" Rt.
D = 1°00'00"	L_s = 150.00'	T = 2,754.04'
R = 5,729.58'	L = 300.00'	L = 5,187.78'
L = 4,687.78'	a = 1/8	R/o = 5,730.23'
	o = 0.65'	

HARD COPY 10-H-277

CHECKED BY

NOGALES-TUCSON HWY.
CONTINENTAL-SAHUARITA ROAD SECTION
PIMA COUNTY



REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2063	10-2-68	H&D	Revised Slopes - Add'l R/W
2241	3-25-69	H&D	Added Drain. Ease Parcels 10-085-A & 10-086-.
"	"	"	Added Exist & New Manholes & Exist 20" H.P. Water
"	"	"	Main. Chng'd Fence Std. Nos.
2329	7-14-69	LCK	Added New D.E.'s & R/W H. & rt. sta 2310.
2434	12-15-69	R.G.H	Added sundry notes and symbols.
4748	1-21-77	R.M.M.	Finalized

PROJECT NO.	I-19-1(12)43
DRAWING NO.	D-10-T-314
SHEET NO.	6 of 14
DRAWN BY	W. Woodson
DATE COMP.	3-31-67
SCALE	1"-100'
CONSULTANT	Hayes & Dashney Engineers, Inc.

3 of 6

CHECKED BY

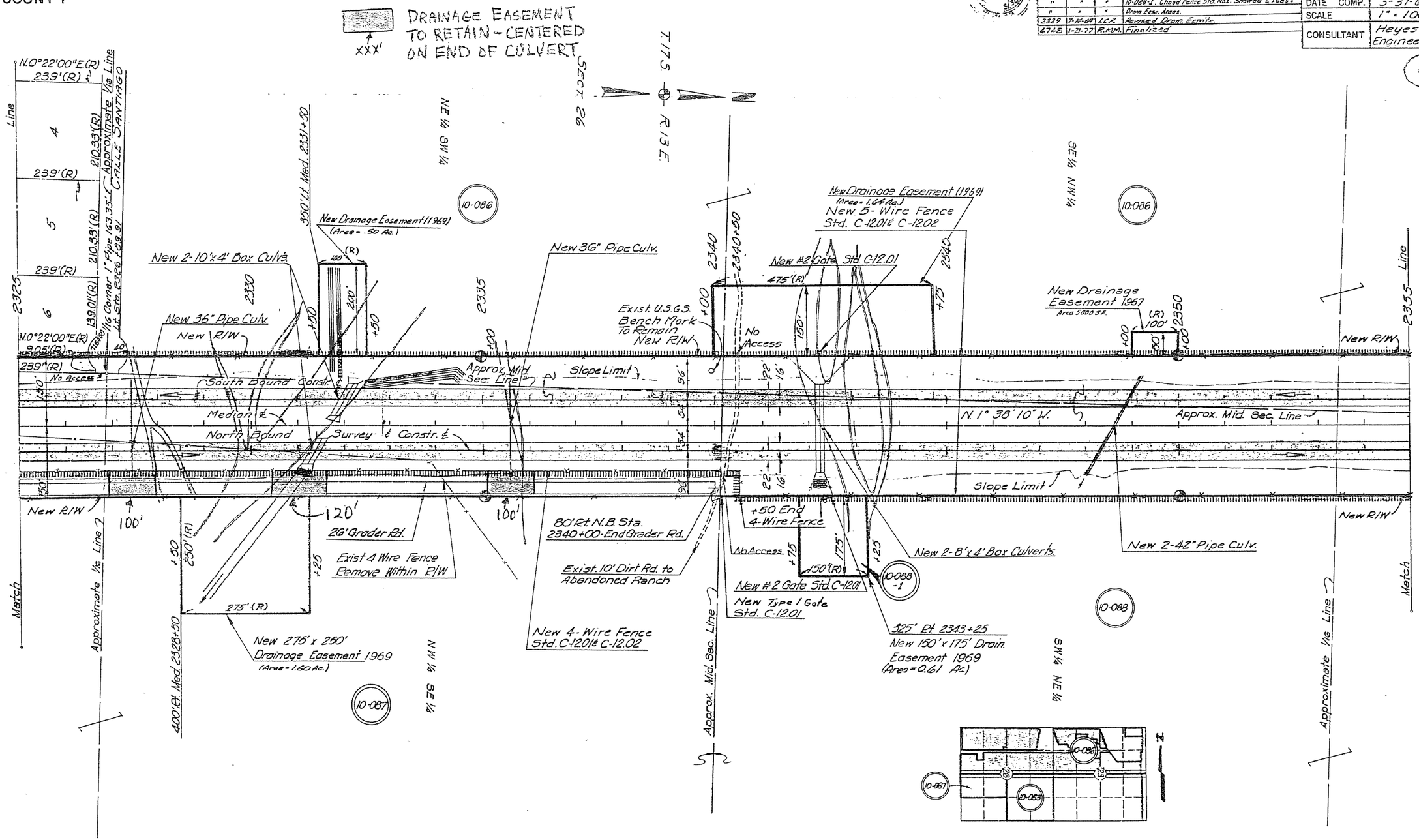
HARD COPY 10-H-277

NOGALES - TUCSON HWY.
CONTINENTAL - SAHUARITA ROAD SECTION
PIMA COUNTY

ABANDONMENT

REVISIONS				PROJECT NO.	I-19-1(12)43
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-10-T-314
2703	10-2-69	H.S.D.	Revised Slopes - Add'l Dr. Ease.	SHEET NO.	7 of 14
2169	1-22-69	R.R.	Chad 2-8'x5'C.B.C.'s To 8'x4' of Sta. 2343+50	DRAWN BY	W. Woodson
2221	3-24-69	H&D	Added Dren Ease Parcels 10-086 - 10-087-A &	DATE COMP.	5-31-67
"	"	"	10-088-1. Chad Fence Std. Nos. Showed Excess	SCALE	1" = 100'
"	"	"	Dren Ease. Areas.	CONSULTANT	Hayes & Dashney Engineers, Inc.
2329	7-16-69	LCR	Revised Dren. Easmts.		
4748	1-21-77	R.M.M.	Finalized		

4 of 6



REDUCED SIZE DO NOT SCALE

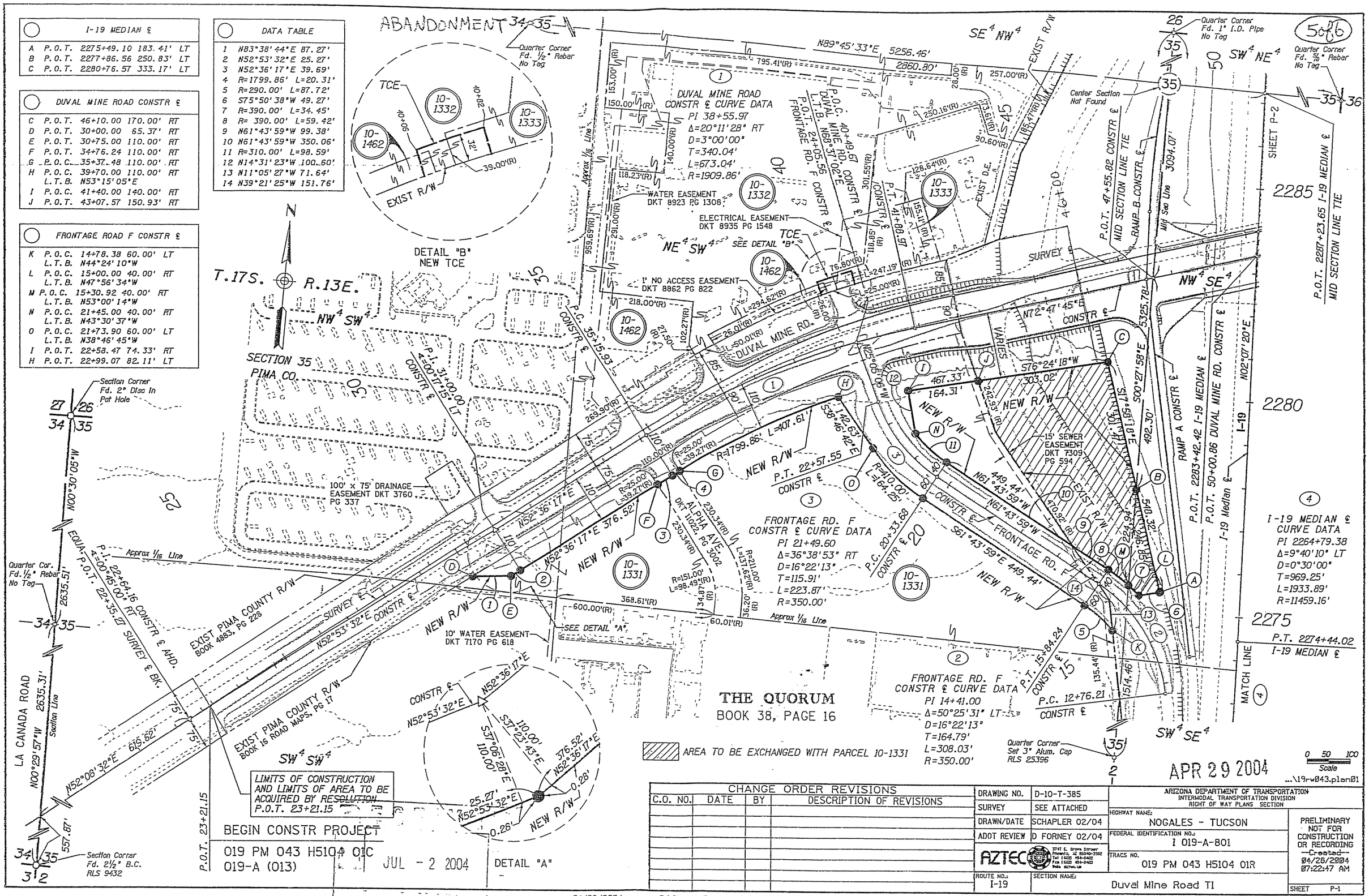
CHECKED BY
HARD COPY 10-H-277

I-19 MEDIAN ℄			
A	P.O.T.	2275+49.10	183.41' LT
B	P.O.T.	2277+86.56	250.83' LT
C	P.O.T.	2280+76.57	333.17' LT

DUVAL MINE ROAD CONSTR ℄			
C	P.O.T.	46+10.00	170.00' RT
D	P.O.T.	30+00.00	65.37' RT
E	P.O.T.	30+75.00	110.00' RT
F	P.O.T.	34+76.24	110.00' RT
G	P.O.C.	35+37.48	110.00' RT
H	P.O.C.	39+70.00	110.00' RT
	L.T.B.	N53°15'05"E	
I	P.O.C.	41+40.00	140.00' RT
J	P.O.T.	43+07.57	150.93' RT

FRONTAGE ROAD F CONSTR ℄			
K	P.O.C.	14+78.38	60.00' LT
	L.T.B.	N44°24'10"W	
L	P.O.C.	15+00.00	40.00' RT
	L.T.B.	N47°56'34"W	
M	P.O.C.	15+30.92	40.00' RT
	L.T.B.	N53°00'14"W	
N	P.O.C.	21+45.00	40.00' RT
	L.T.B.	N43°30'37"W	
O	P.O.C.	21+73.90	60.00' LT
	L.T.B.	N38°46'45"W	
I	P.O.T.	22+58.47	74.33' RT
H	P.O.T.	22+99.07	82.11' LT

DATA TABLE	
1	N83°38'44"E 87.27'
2	N52°53'32"E 25.27'
3	N52°36'17"E 39.69'
4	R=1799.86' L=20.31'
5	R=290.00' L=87.72'
6	S75°50'38"W 49.27'
7	R=390.00' L=34.45'
8	R= 390.00' L=59.42'
9	N61°43'59"W 99.38'
10	N61°43'59"W 350.06'
11	R=310.00' L=98.59'
12	N14°31'23"W 100.60'
13	N11°05'27"W 71.64'
14	N39°21'25"W 151.76'



CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-10-T-385
SURVEY	SEE ATTACHED
DRAWN/DATE	SCHAPLER 02/04
ADOT REVIEW	D FORNEY 02/04
ROUTE NO.	I-19
SECTION NAME	Duval Mine Road TI

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

HIGHWAY NAME: NOGALES - TUCSON
FEDERAL IDENTIFICATION NO.: I 019-A-801
TRACS NO. 019 PM 043 H5104 01R

PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
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SHEET P-1

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ABANDONMENT

6 of 6

BEG R/W PROJECT
I-19-1-(12)-43

END R/W PROJECT
019 PM 043 H5104 01R
I 019-A-801

END CONSTR PROJECT
019 PM 043 H5104 01C
019-A (013)

Quarter Corner Fd. 1" I.D. Pipe
26 N89°45'47"E 147.26'
35 Section Line

P.O.T. 2313+66.59 I-19 MEDIAN ℄

SHEET P-1

Quarter Corner Fd. ½" Rebar No Tag
34 35
2860.20'
Center Section Not Found

N02°07'20"W
P.O.T. 2287+23.65 I-19 MEDIAN ℄
MID SECTION LINE TIE

RAMP C CONSTR ℄

EXIST R/W

DUVAL MINE ROAD
CONSTR ℄ CURVE DATA
PI 56+79.18
Δ=44°23'53" LT
D=6°00'00"
T=389.68'
L=739.97'
R=954.93'

P.T. 60+29.41 CONSTR ℄
P.O.C. 58+28.41 CONSTR ℄
MID SECTION LINE TIE
L.T.B. N40°27'41"E

TCE 25'X 60'
TCE 20'X 55'
DUVAL MINE RD.
N28°23'52"E
P.C. 63+40.52 CONSTR ℄
ABRECO DRIVE
P.C.C. 68+80.20 CONSTR ℄
P.O.C. 73+60.00 DUVAL MINE RD CONSTR ℄
P.O.C. 73+60.00 DUVAL MINE RD CONSTR ℄
EXIST B-19 SURVEY ℄
CONSTR ℄
Approx ⅛ Line

LIMITS OF CONSTRUCTION AND LIMITS OF AREA TO BE ACQUIRED BY RESOLUTION P.O.T. 73+60.00

DUVAL MINE ROAD
CONSTR ℄ CURVE DATA
PI 71+20.24
Δ=4°45'23" RT
D=0°59'29"
T=240.04'
L=479.80'
R=5779.58'

DUVAL MINE ROAD
CONSTR ℄ CURVE DATA
PI 66+10.81
Δ=8°05'43" RT
D=1°30'00"
T=270.29'
L=539.68'
R=3819.72'

T.17S. R.13E.
SECTION 35 PIMA CO.

I-19
2290
2285
2280
P.C. 52+89.50 CONSTR ℄
733.96'
SURVEY ℄
N72°41'45"E
CONSTR ℄
P.O.T. 2283+42.42 I-19 MEDIAN ℄
P.O.T. 50+00.86 DUVAL MINE RD CONSTR ℄
I-19 MEDIAN ℄
RAMP D CONSTR ℄
EXIST R/W
Mid Sec Line
CAMINO RELOJ
N89°45'33"E 5256.46' 1661.70'
Approx ⅛ Line
SW¼ NE¼ SE¼ NE¼ NW¼ SE¼ NE¼ SE¼

LA JOYA VERDE
BOOK 47, PAGE 6

Quarter Corner Found ⅝" Rebar No Tag
35 36

Quarter Corner Set 3" Alum. Cap RLS 25395
35 2
N89°41'43"E 215.00'
Township Line
MATCH LINE

BEGIN R/W PROJECT
019 PM 043 H5104 01R
I 019-A-801

END R/W PROJECT
I-19-1-(12)-43

P.O.C. 2260+37.54 I-19 MEDIAN ℄

RECEIVED
JUL - 2 2004
TUCSON DISTRICT

APR 29 2004

0 50 100
Scale

...\19rw043.plan02

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO.	D-10-T-385
SURVEY	SEE ATTACHED
DRAWN/DATE	SCHAPLER 02/04
ADOT REVIEW	D FORNEY 02/04
ROUTE NO.:	I-19
SECTION NAME:	Duval Mine Road TI

AZTEC 3741 E. Grove Street Phoenix, AZ 85040-3392 Tel (602) 454-0402 Fax (602) 454-0403 Web AZTEC.US

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
RIGHT OF WAY PLANS SECTION

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TRACS NO. 019 PM 043 H5104 01R

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SHEET P-2

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