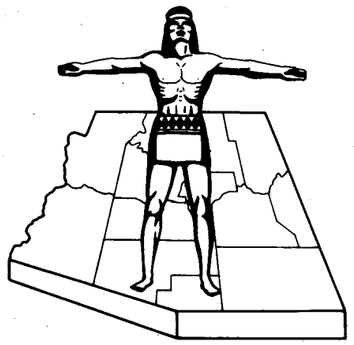


STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE

EHRENBERG–PHOENIX

STATE HIGHWAY

PROJECT NO. I-10-1(29)49

YUMA

COUNTY

FED. ROAD DIV. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	ARIZ.	I-10-1(29)49	1	39

RIGHT OF WAY MAP NO. D-14-T-336

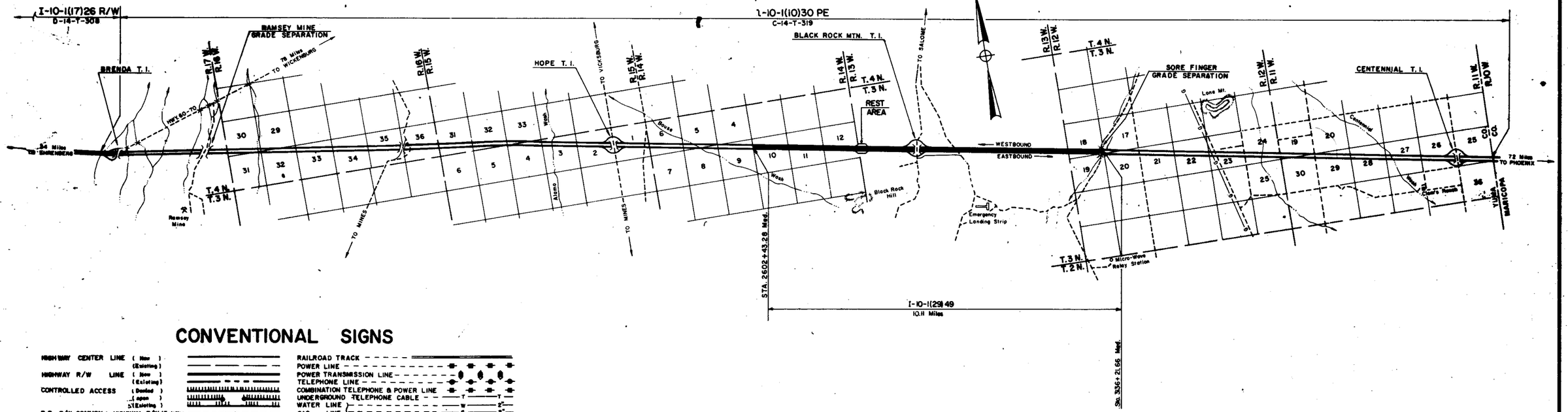
ALIGNMENT, RIGHT OF WAY, AND CONTROL OF ACCESS APPROVED IN ACCORDANCE WITH HIGHWAY PLANS.
SHEET ___ THRU 24
DATE Dec 6, 1965
ASSISTANT STATE ENGINEER

APPROVED IN ACCORDANCE WITH RESOLUTION DATED: 11 March 1966, MINUTES OF THE ARIZONA HIGHWAY COMMISSION RES. NO. 66-16

A.F.E. NO. 10A29

4754	1-28-77	R.M.M.	Finalized

FINALIZED



CONVENTIONAL SIGNS

HIGHWAY CENTER LINE (New) (Existing)
HIGHWAY R/W LINE (New) (Existing)
CONTROLLED ACCESS (Deeded) (Lease) (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 diameter opposite)
SEWER LINE
STORM DRAIN
CHAIN LINK FENCE
BARBED WIRE FENCE (add 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

Click here for I-10 Index

REDUCED SIZE DO NOT SCALE

ARIZONA HIGHWAY COMMISSION
APPROVED FOR RIGHT-OF-WAY ACQUISITION
STATE HIGHWAY ENGINEER
DEPUTY STATE ENGINEER — DATE 12-8-65

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

Click here for I-10 Index

EHRENBERG-PHOENIX HIGHWAY
BOUSE WASH-LONE MOUNTAIN SECTION
YUMA COUNTY

FINALIZED

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2472	1-3-70	A.W.B.	Added Parcel 14-103-C, Changed Total
"	"	"	Sheets 36 to 37.
2923	4-22-70	R.L.R.	Completed Acq. for Parcel 14-103-B
2914	5-4-71	A.W.B.	Added Dist 13-103-D, Sh No. Changed
3626	8-2-73	W.D.S.	Added Par. 14-103-E & Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized
5460	9-28-79	R.C.	Added Abandonment Note

REGISTERED PROFESSIONAL ENGINEER (CIVIL) DALE WAYNE JOHNSON DEC. 31, 19 65 ARIZONA U.S.A. 9765

REVISIONS		
DATE	BY	DESCRIPTION
7-11-66	Nowacki	Add Par. # 14-103-1
12-7-67	Nowacki	Add Parcel # 14-103-A & Sheet # 35
C.O. # 1503		Changed All Sheet to 35 Total
7-12-68	R.R.	C.O. 2844 Completed Acquisition Record
9-12-68	J. Nez	Changed total sheet No. 35 to 36. (C.O. # 2359)
"	"	Added Par 14-103-B
12-2-68	M.C.	C.O. 2472 Revised Par. 14-103-B Added 14-103-2 & 3

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	2 of 39
DRAWN BY	M. NEILAN
DATE COMP.	Dec. 7, 1965
SCALE	NO SCALE
CONSULTANT	JOHANNESSEN & GIRAND

CHECKED BY. John Stevens
6221 M2
HARD COPY S-40 (3) As Built

OWNERSHIP 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
14-103	U. S. A. BUREAU OF LAND MANAGEMENT	NW¼ & S½ NE¼ Sec. 10 T3N R14W	640 Ac.	49.3 Ac.	49.3 Ac.	None	173.5 Ac.	417.2 Ac.	5, 6 & 7
		S½ N½ & N½ S½ Sec. 11 T3N R14W	640 Ac.	49.3 Ac.	49.3 Ac.	0.6 Ac.	286.9 Ac.	303.2 Ac.	7, 8, 9 & 11
		S½ Sec. 12 T3N R14W	640 Ac.	52.6 Ac.	52.6 Ac.	3.5 Ac.	398.6 Ac.	185.3 Ac.	9, 10 & 11
		Lots 3 & 4, E½ SW¼, S½ SE¼ Sec. 7 T3N R13W	617.4 Ac.	59.3 Ac.	59.3 Ac.	1.2 Ac.	487.7 Ac.	69.2 Ac.	11 & 12
		S½ S½ Sec. 8 T3N R13W	640 Ac.	40.9 Ac.	40.9 Ac.	1.2 Ac.	595.9 Ac.	2.0 Ac.	12-15
		N½ N½ & SE¼ NW¼ Sec. 17 T3N R13W	640 Ac.	57.5 Ac.	57.5 Ac.	1.7 Ac.	6.8 Ac.	574.0 Ac.	13, 14 & 15
		N½ N½, SE¼ NW¼, S½ NE¼ Sec. 16 T3N R13W	640 Ac.	50.0 Ac.	50.0 Ac.	8.1 Ac.	94.6 Ac.	487.3 Ac.	15, 16 & 17
		SW¼ SW¼ Sec. 9 T3N R13W	640 Ac.	None	None	0.3 Ac.	639.7 Ac.	None	15
		N½ & NE¼ SE¼ Sec. 15 T3N R13W	640 Ac.	49.3 Ac.	49.3 Ac.	6.8 Ac.	211.9 Ac.	371.9 Ac.	17, 18 & 19
		S½ NW¼ & N½ S½ Sec. 14 T3N R13W	640 Ac.	49.4 Ac.	49.4 Ac.	None	333.9 Ac.	256.7 Ac.	19 & 20
		S½ Sec. 13 T3N R13W	640 Ac.	49.5 Ac.	49.5 Ac.	8.2 Ac.	441.4 Ac.	140.9 Ac.	20, 21 & 22
14-104	STATE OF ARIZONA (STATE LAND DEPARTMENT)	Lots 3 & 4, E½ SW¼, NW¼ SE¼, S½ SE¼ Sec. 18 T3N R12W	629.7 Ac.	47.0 Ac.	47.0 Ac.	10.5 Ac.	542.3 Ac.	29.9 Ac.	22, 23 & 24
		N½ NE¼ Sec. 19 T3N R12W	630.4 Ac.	8.6 Ac.	8.6 Ac.	None	None	621.8 Ac.	24
14-104-L-1	D.M. BROWN, LESSEE LEASE NO. 2853-N	Lots 3 & 4, E½ SW¼, NW¼ SE¼, S½ SE¼ Sec. 18 T3N R12W	629.7 Ac.						22, 23 & 24
		N½ NE¼ Sec. 19 T3N R12W	630.4 Ac.						24
14-103-1	U.S.A. Bureau of Land Management Arizona Interstate Stream Commission	Pt. Sec. 5, 7-13-14-15 & 16 T3N. R.13W.							11, 12, 17, 18, 19, 20 & 21
14-103-A	U.S.A. Bureau of Land Management	Lot 3 & 4 Sec 7 T.3N. R.13W.	556.9 Ac.		0.9		488.6 Ac.	68.4 Ac.	10, 11 & 35
		NE¼ SE¼, Sec. 12 T.3N. R14W.	583.9 Ac.		0.6		392.0 Ac.	185.3 Ac.	
14-103-B	U.S.A. Bureau of Land Management	Lots 3 & 4 Sec. 7 T3N., R.13W.	556.0 Ac.	3.5 Ac.	.3 Ac.		485.1 Ac.	67.1 Ac.	11
		S 1/2 Sec 12 T.3N, R.14W.	583.3 Ac.	6.0 Ac.	.7 Ac.		395.0 Ac.	181.2 Ac.	10 & 11
		S½ NE¼ Sec. 11 T.3N., R.14W.	195.2 Ac.		3.1 Ac.		152.1 Ac.		0 & 9
14-103-2	State of Arizona (S.L.D.)	N.W.¼ & S.½ N.E.¼ & S.½ Sec. 10 T.3N., R.14W.	592.7 Ac.		19.3 Ac.		154.2 Ac.	417.2 Ac.	5 & 7
14-103-3	State of Arizona (S.L.D.)	S½ N.W.¼ & E.½ N.E.¼ & S.½ Sec. 11 T.3N., R.14W.	434.9 Ac.		9.5 Ac.		120.5 Ac.	303.2 Ac.	7 & 8
14-103-C	U.S.A. Bureau of Land Management	SE¼ Sec. 8 T.3N R.13W.	597.9 Ac.			Temp. Constr. Easement			13
		NW¼ Sec. 17 T3N R.13W.	580.8 Ac.		0.3 Ac.	Temp. Constr. Easement	6.8 Ac.	573.7 Ac.	14
14-103-D	U.S.A. Bureau of Land Management	Pt. SW¼ SE¼ Sec. 7 T.3N., R.13W.	552.2 Ac.		0.8 Ac.		484.3 Ac.	67.1 Ac.	12
14-103-E	U.S.A. Bureau of Land Management	SE¼ Sec. 8 T.3N., R.13W.	597.9 Ac.		0.4 Ac.		595.5 Ac.	2.0 Ac.	13
		N½ Sec. 17, T.3N., R.13W.		Access Control Only					14

ACQUISITION RECORD

COMMISSION APPROVAL	TYPE & DATE OF INSTRUMENT	RECORDED DATE	RECORDED BOOK	RECORDED PAGE
5-28-69	R/W Grant 5-13-69	Not	Recorded	
6-27-69	Amended R/W Grant 6-6-69	Not	Recorded	
11-13-68	Patent 12-19-68 R/W Grant 12-9-68	1-21-69 Not Recorded	552	62-63
11-13-68	Patent 12-19-68	1-29-69	553	100-101
Resolved by State Land Department				
6-28-69 6-27-69	See	Parcel	14-103	
6-28-69 6-27-69	See	Parcel	14-103	
10-9-70	R/W Grant 7-27-70	Not	Recorded	
8-28-70	R/W Grant 9-24-70	Not	Recorded	
8-28-70	R/W Grant 9-23-70	Not	Recorded	
5-8-70	R/W Grant 3-27-70	Not	Recorded	
7-23-71	R/W Grant 6-16-71	Not	Recorded	
2-27-75	Grant 11-7-74	Not	Recorded	

Note: For Abandonment of a portion of Sec. 8 and 17 T3NR13W back to B.L.M. see Notes on sheets 13 & 14.

Note:
Total Section Areas were taken from USGLO Plats.
T3N R14W
T3N R13W
T3N R12W

Note
This sheet reproduced from the original in order to add acquisition record. 7-9-69

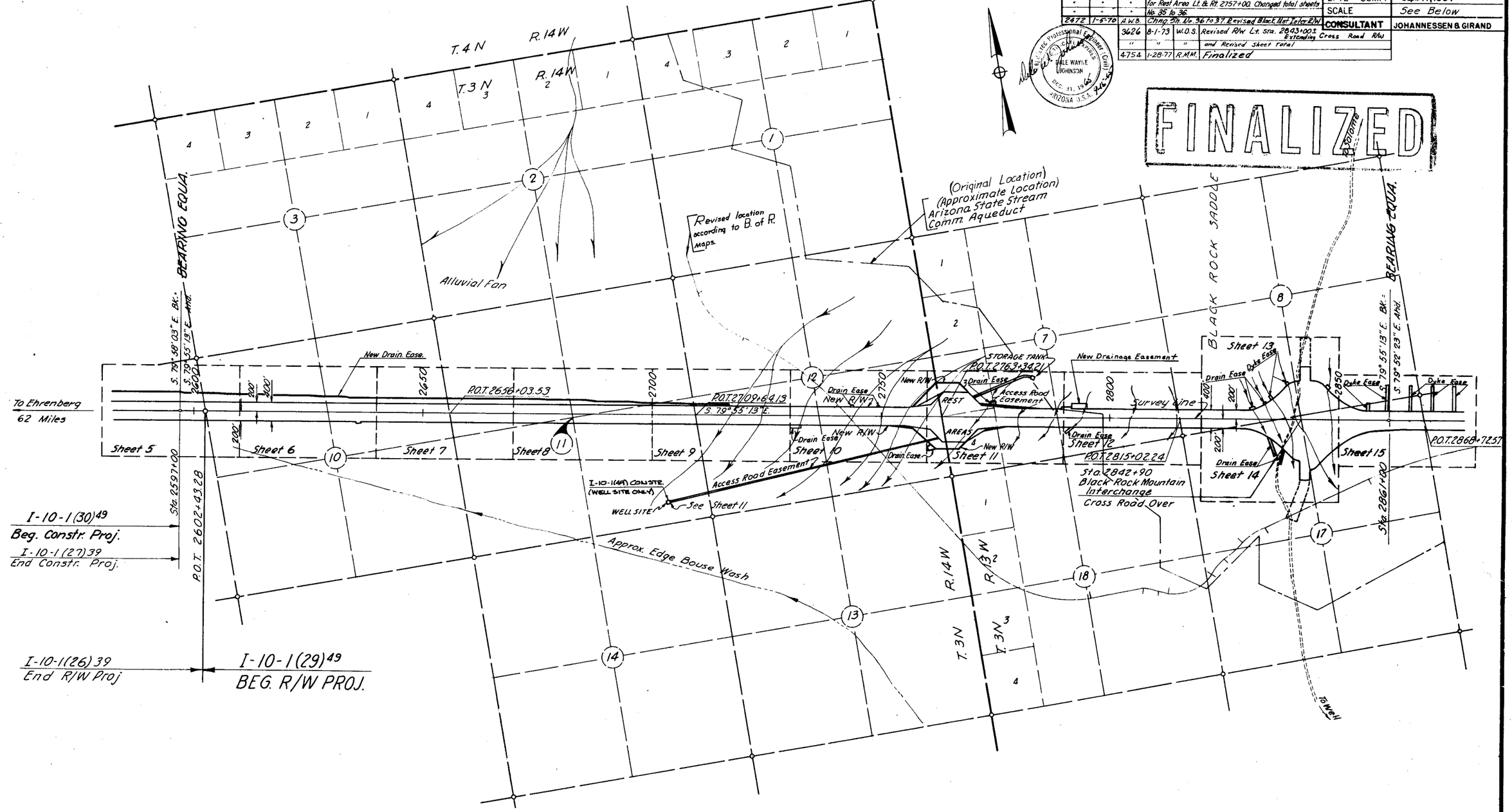
REDUCED SIZE DO NOT SCALE

EHRENBERG - PHOENIX HIGHWAY
BOUSE WASH - LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION		
989	2-21-66	E.L.R.	Changed Sheet Total To 34		
1050	3-11-66	L.C.K.	Added revised Aqueduct ℄		
1503	3-27-67	Kaagaz	Total Sheets to 35		
2359	8-12-69	J. Nae	Added New Drain Ease Lt. 2582+00 to 2716+75 and New R/W		
"	"	"	for Rest Area Lt. & Rt. 2757+00. Changed total sheets		
"	"	"	No. 35 to 36.		
2472	1-5-70	A.W.B.	Chng. Sh. No. 36 to 37. Revised Black Mnt Inter R/W		
		3626	8-1-73	W.O.S.	Revised R/W Lt. Sta. 2843+00± Extending Cross Road R/W
		"	"	"	and Revised Sheet Total
		4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	3 of 39
DRAWN BY	E.V. KIEL
DATE COMP.	Sept. 17, 1964
SCALE	See Below
CONSULTANT	JOHANNESSEN & GIRAND

FINALIZED



VICINITY MAP
Scale: 1" = 1000'
Sheet 1 of 2

REDUCED SIZE DO NOT SCALE

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
2844	2-9-71	C.W.S.	ADDED CONST. PROJ. NO. TO WELL SITE
2914	4-15-71	C.S.C.	Added New Drainage Easement Lt.
"	"	"	Sta. 2791+50 to 2795+00. Changed Sh. No.

EHRENBERG - PHOENIX HIGHWAY
BOUSE WASH - LONE MOUNTAIN SECTION
YUMA COUNTY

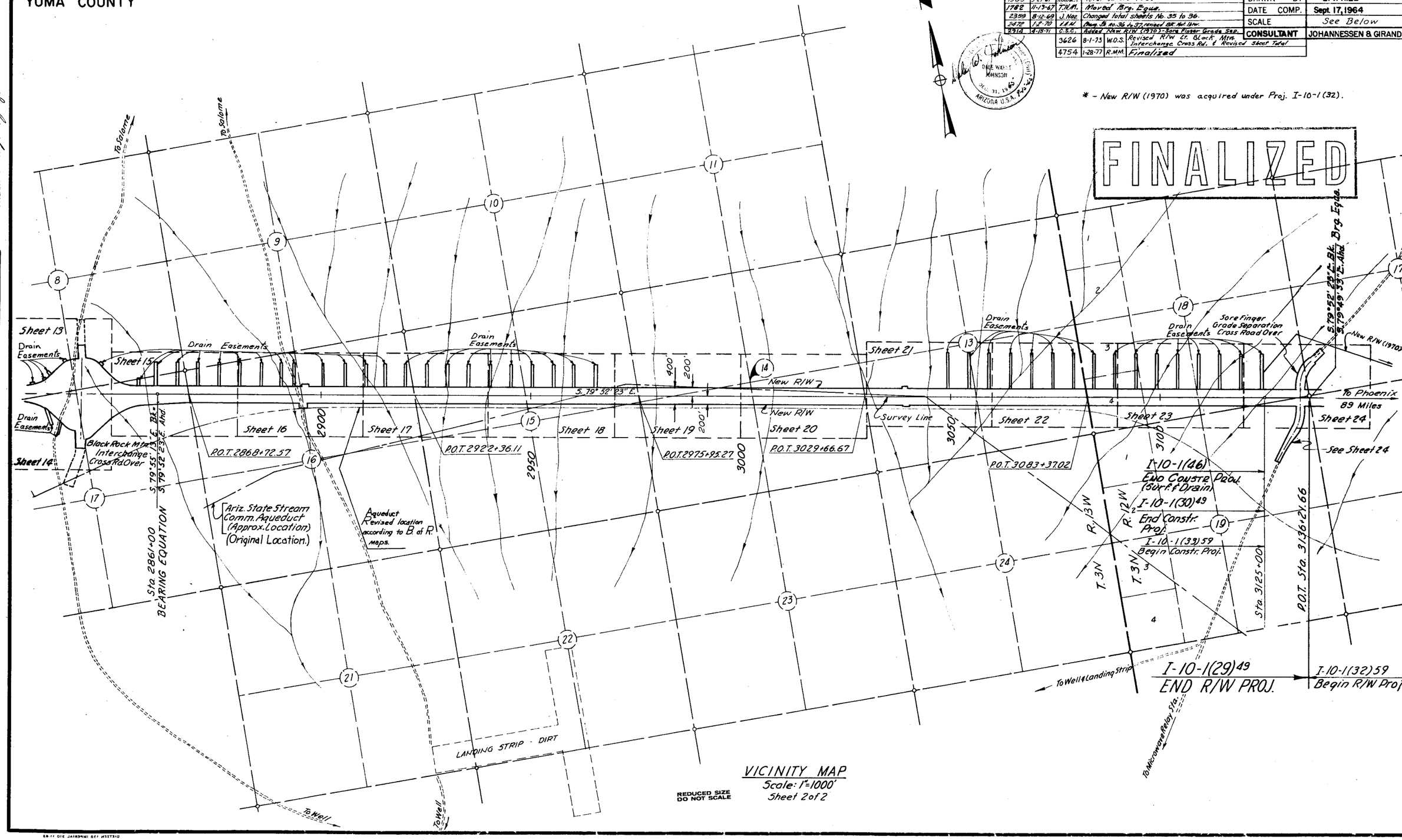
Click here for I-10 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
989	8-21-66	ELR	Changed Sheet Total To 34
1050	3-11-66	LCK	Added revised Aqueduct E.
1503	3-27-67	Kowacz	Total sheets to 35
1782	11-13-67	T.W.M.	Moved Brg. Eqns.
2359	8-12-69	J. Naz	Changed total sheets No. 35 to 36.
2472	1-2-70	V.A.M.	Chang. Sh. no. 36 to 37, revised BK. Mnt. Intw.
2914	4-13-71	C.S.C.	Added New R/W (1970) - Sore Finger Grade Sep.
3626	8-1-73	W.O.S.	Revised R/W Lt. Black Mtn. Interchange Cross Rd. & Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	4 of 39
DRAWN BY	E. V. KIEL
DATE COMP.	Sept. 17, 1964
SCALE	See Below
CONSULTANT	JOHANNESSEN & GIRAND

* - New R/W (1970) was acquired under Proj. I-10-1(32).

FINALIZED



VICINITY MAP
Scale: 1"=1000'
Sheet 2 of 2

REDUCED SIZE DO NOT SCALE

CHECKED BY
HARD COPY 6274 M14

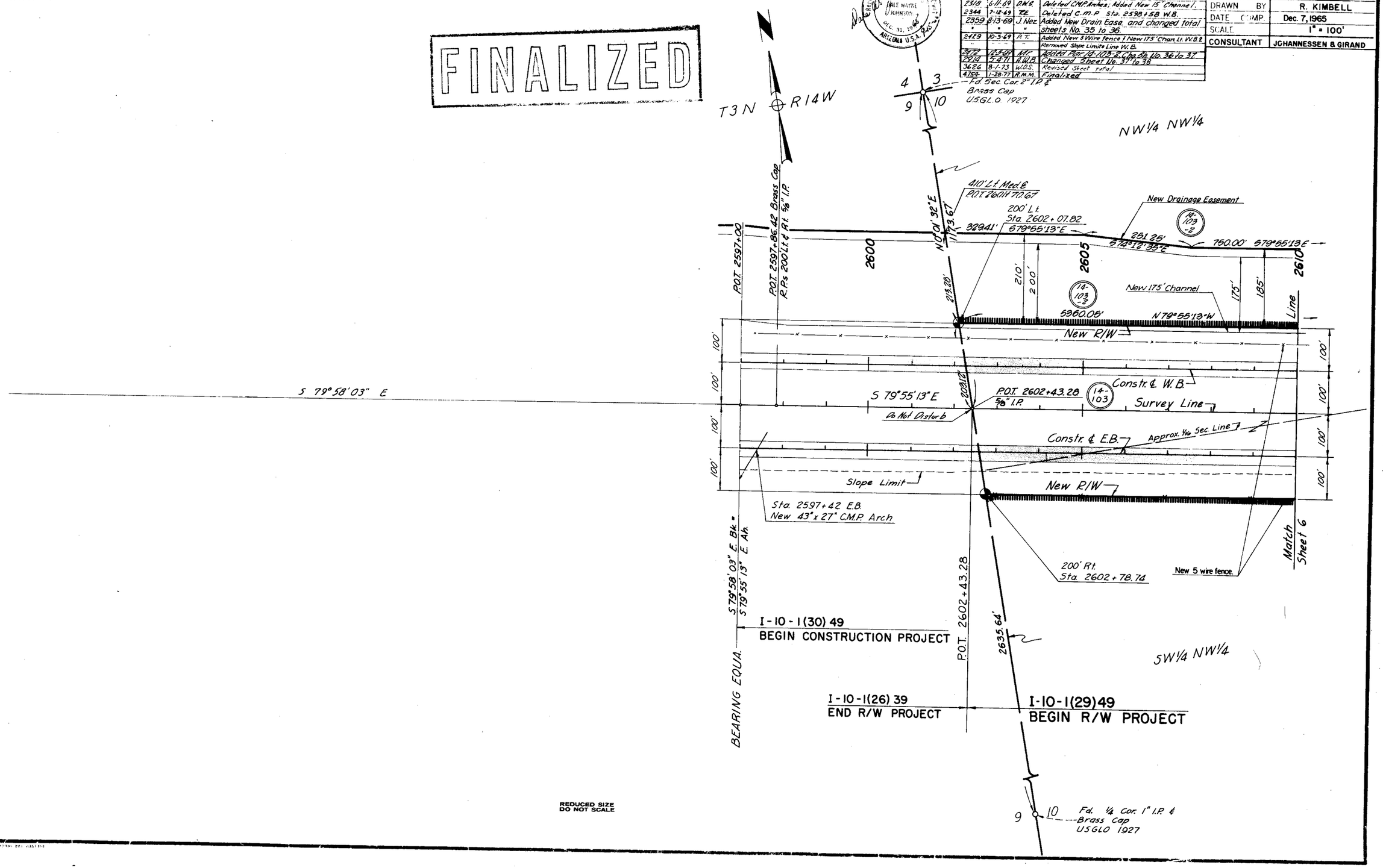
EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

Click here for I-10 Index

FINALIZED

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-10-66	L.C.K.	Call out fence.
1503	3-27-67	Yawacz	Total Sheets to 35
2318	6-11-69	D.W.S.	Deleted CMP Arches; Added New 15' Channel.
2344	7-12-69	T.E.	Deleted C.M.P. Sta. 2598+58 W.B.
2359	8-13-69	J. Nez	Added New Drain Ease. and changed total
"	"	"	Sheets No. 35 to 36.
2429	10-3-69	R.T.	Added New 5 Wire Fence & New 175' Chan. Lt. W.B.
"	"	"	Removed Slope Limits Line W.B.
2472	12-5-69	M.F.	Added Par 14-103-2, Chg. Sh. No. 36 to 37.
2914	5-4-71	A.W.B.	Changed Sheet No. 37 to 38
3626	8-1-73	W.O.S.	Revised Sheet total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	5 of 38
DRAWN BY	R. KIMBELL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND



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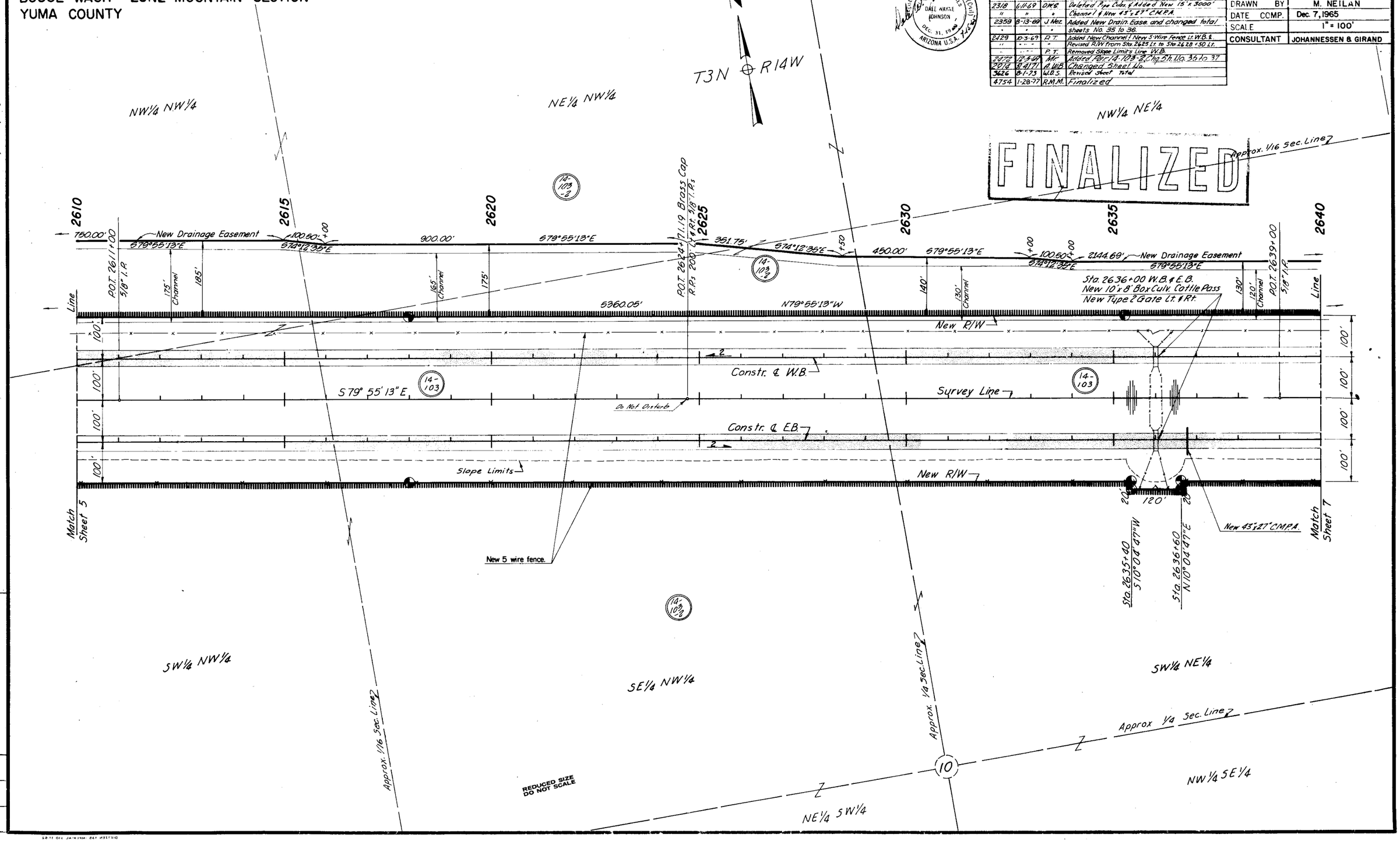
EHRENBERG—PHOENIX HIGHWAY
BOUSE WASH—LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-19-66	L.C.K.	Call out fence
1503	3-27-67	Kowacz	Total Sheets to 35
2318	6-11-69	D.W.S.	Deleted Pipe Culv. & Added New 15' x 3000'
"	"	"	Channel & New 43" x 27" C.M.P.A.
2359	8-13-69	J. Nez	Added New Drain. Ease. and changed total
"	"	"	sheets No. 35 to 36.
2429	10-3-69	R.T.	Added New Channel & New 5-Wire Fence Lt. W.B. &
"	"	"	Revised R/W from Sta. 2625 Lt. to Sta. 2628+50 Lt.
"	"	P.T.	Removed Slope Limits Line W.B.
2472	12-3-69	Mr.	Added Per 14-103-2, Chg. Sh. No. 36 to 37
2014	31-4171	A.W.B.	Changed Sheet No.
3626	8-1-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	6 of 39
DRAWN BY	M. NEILAN
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) DALE WAYNE JOHNSON DEC. 31, 1969 ARIZONA U.S.A.

FINALIZED



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CO.	DATE	BY	DESCRIPTION
2999	7-12-71	TEK	Added dykes Sta 2635 ±

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EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
919	1-2-66	L.C.K.	Call out fence.
1503	3-27-68	Nevarez	Total Sheets to 35
2318	6-12-69	D.W.S.	Deleted Pipe Culv & Added New 15' Channel
2359	8-13-69	J. Nez	Added New Drain. Ease. and changed total sheets No. 35 to 36.
2429	10-3-69	P. Todd	Add New 120' Channel & New 5-Wire Fence Lt. W.B. F.
"	"	"	Removed Slope Limits Line W.B.
2472	12-9-69	Mtr	Added Part 14-103-2.6 For 14-103-3
"	"	"	Changed Sheet No. 36 to 37
2914	5-4-71	R.W.B.	" " " 37 to 38
3626	8-1-73	W.O.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	7 of 39
DRAWN BY	M. NEILAN
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

FINALIZED

CHECKED BY. John Stephens

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Fd. Sec. Cor. 2" I.P. Brass Cap USGLO 1927

3 2 10 11

T3N R14W

NW¼ NW¼

SW¼ NW¼

SE¼ NW¼

NE¼ NE¼

NW¼ NE¼

Approx. 1/16 Sec. Line

14-103-2.6

14-103-3

2639.09' N 0°01'48" W.

2640 2645 2650 2655 2660 2665 2670

S79°55'13"E 2144.69' S79°55'13"E 2006.29'

P.O.T. 2653+00 5/8" I.P.

New Drainage Easement

P.O.T. 2666+16.71 Brass Cap R.P.'s 200' Lt. & Rt. 5/8" I.P.

Line 130' 120' Channel 5360.05' N79°55'13"W 120' Channel 130' Line

New R/W

Constr. & W.B.

Survey Line

S 79°55'13" E

P.O.T. 2656+03.53 5/8" I.P.

Do Not Disturb

Do Not Disturb

Constr. & E.B.

100' 100' 100' 100' 100' 100'

Slope Limit

New R/W

New 5 wire fence

Match Sheet 6

Match Sheet 8

541.75'

Approx. 1/16 Sec. Line

Approx. 1/4 Sec. Line

Fd. 1/4 Cor. 1" I.P. Brass Cap USGLO 1927

10 & 11

SE¼ NE¼

SW¼ NE¼

NE¼ SE¼

NW¼ SW¼

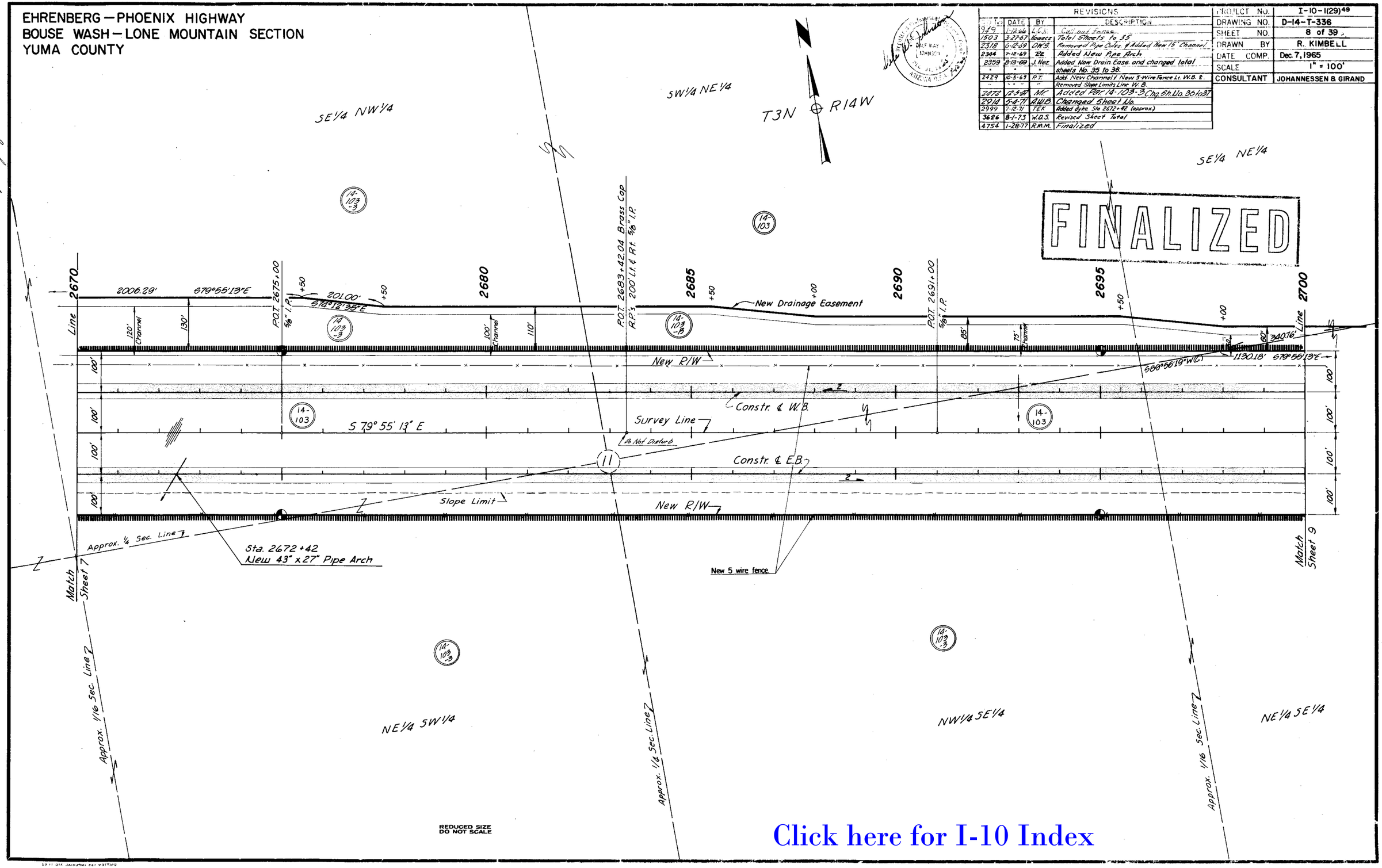
REDUCED SIZE DO NOT SCALE

Click here for I-10 Index

EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
S.P.No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.S.	Call out fence.
1503	3-27-67	Kowacz	Total Sheets to 35
2318	6-12-69	D.W.S.	Removed Pipe Culvs. & Added New 15' Channel
2344	7-12-69	T.E.	Added New Pipe Arch
2359	8-13-69	J. Nez	Added New Drain. Ease. and changed total sheets No. 35 to 36.
2429	10-5-69	P.T.	Add. New Channel & New 5-Wire Fence Lt. W.B. & Removed Slope Limits Line W.B.
2072	12-5-67	M.C.	Added Par. 14-103-3 Chg. Sh. No. 36 to 37
2914	5-4-71	A.W.B.	Changed Sheet No.
2999	7-12-71	T.E.K.	Added dyke Sta 2672+42 (approx.)
3626	8-1-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	8 of 39
DRAWN BY	R. KIMBELL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND



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EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

CHECKED BY. John Stevenson

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.A.	Add Dept. Title
1503	3-27-67	Nawacz	Total Sheets to 35
2312	6-12-69	D.W.S.	Removed Pipe Culv.; Add 15' Channel & Fencing to Box Culv. appox Sta. 2724+89
2346	7-12-69	F.E.	Revised Call Outs on Box Culverts
2359	8-13-69	J. Nez	Added New Drain Ease. & changed total Sheets No. 35 to 36.
2429	10-5-69	P.T.	Add. New Channel & New 5-Wire Fence Lt. W.B. &, Sta. 2700+00 to Sta. 2715+75.00. Removed Slope
"	" " "	"	Limit Line up to Box Culv. 2717+
2872	12-10-69	M.r.	Added Per. 14-103-3 Chng Sh. No. 36 to 37
2914	5-3-71	A.W.B.	Chng. Sh. No. 37 to 38
3626	8-1-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	9 of 39
DRAWN BY	R. KIMBELL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

DALE WAYNE JOHNSON — ARIZONA U.S.A. — 7215

FINALIZED

T3N — R14W

SE¼ NE¼ | SW¼ NW¼ | SE¼ NW¼ | NE¼ SW¼

Approx. ¼ Sec. Line

Fd. ¼ Cor. 1" I.P. with Brass Cap USGLO 1927

POT. 2701+22.03 Brass Cap R.P.S 200' Lt. & Rt. 5/8" I.Ps

POT. 2714+00 5/8" I.P.

POT. 2727+88.35 Brass Cap R.P.S 200' Lt. & Rt. 5/8" I.Ps

2700 | 2705 +50 | 2710 | 2715 +75 | 2720 | 2725 | 2730

Line

S88°56'19"W 416.09'

N79°56'13"W 340.76'

N74°12'35"W 301.50'

30.47'

202.12'

1130.18'

S79°55'13"E

73.33' N79°55'13"W

New Drainage Easement

Sta. 2717+00 W.B. & E.B. New 2-8x3 Box Culv.

New R/W

Constr. ℄ W.B.

Survey Line

Constr. ℄ E.B.

New R/W

Slope Limit

New 5-Wire Fence

POT. 2709+64.13 5/8" I.P.

S 79° 55' 13" E

203.12'

Do Not Disturb

Do Not Disturb

New 45"x27" C.M.P. Arch

New 5 wire fence

LH & RH New Type 2 Gate

Sta. 2724+89 to 2725+11.50 W.B. & E.B. New 3-10'x5' Box Culv.

Match Sheet 8

Match Sheet 10

100' | 100' | 100' | 100' | 100' | 100' | 100'

14-103 | 14-103-3 | 14-103-2

2637.97' N. 0°01'12" E

Fd. Sec. Cor. 2" I.P. with Brass Cap USGLO 1926

11 | 12 | 14 | 13

NE¼ SE¼ | NW¼ SW¼ | SW¼ SW¼ | SE¼ SW¼

Approx. 1/16 Sec. Line

Approx. 1/16 Sec. Line

REDUCED SIZE DO NOT SCALE

CO. No.	DATE	BY	DESCRIPTION
2965	12-7-65	F.E.	SHEET 9 OF 39 SHEETS, 2-12"x18" PRINTS ON 24"x36"

Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

CHECKED BY. John Thompson

HARD COPY. 6274 MII

Approx. 1/4 Sec. Line

(12)

NE1/4 SW1/4

NW1/4 SE1/4

T3N ⊕ R14W

NE1/4 SE1/4

Revised location of Aqueduct ℄.

FINALIZED

2730 | 2735 | 2740 | 2745 | 2750 | 2755 | 2760

Sheet 9 Line

New Type 2 Gate

New 5 wire fence.

Slope Limit

Sta. 2743+58 W.B.
New 2-43"x27" CMPA.

P.O.T. 2742+00
5/8" I.P.

50' 2743+20 N10°04'47"E

50' 2743+80 S10°04'47"W

Dyke Easement

New R/W

Sta. 2749+87 W.B.
New 2-42" Pipe Culv.

100' Lt. Sta. 2749+00 W.B.

2749+20 N10°04'47"E

2749+80 S10°04'47"W

Dyke Easement

30'

S 82°18'23" E.

P.O.T. 2755+36.07 Backsight
P.P.'s 200' Lt. & Rt. 5/8" I.P.

1000.82'

1201.04

200.17'

Sta. 2755+57 W.B.
2-New 42" Pipe Culv.

5 Wire Fence

New R/W (1969)

1333' Lt. W.B. Sta 2757+00

N 54°00'27" E 718.96'

New R/W (1967)

New R/W (1965)

14167' Lt. W.B. Sta 2759+00

36" Pipe Culv.

Do Not Disturb

Constr. ℄ W.B.

Survey Line

Constr. ℄ E.B.

S 79°55'13" E

(14-103)

100'

+00 Match N10°04'47"W 30'

2733+50 N10°04'47"W 50'

50'x350' Drain. Easement

New Sta 2733+00 W.B. & E.B.
10'x8' Box Culv - Cattle Pass
New Type 2 Gates Lt. & Rt.

Sta. 2742+42 E.B.
New 2-43"x27" CMPA.

5 Wire Fence

Sta. 2749+33 E.B.
New 2-

300.00'

S 74°12'35" E.

Sta. 2754+63 E.B.
2-New 42" Pipe Culv.

502.49'

5 Wire Fence

S 76°40'50" E.

530.85'

100' Rt. Sta. 2752+00

100' Rt. Sta. 2755+00 E.B.

150' Rt. Sta. 2757+00

S 37°52'59" E.

5 Wire Fences

New R/W (1965)

New Drainage Easement

New #1 Gate Locked

Approx. 1/16 Sec. Line

Approx. 1/4 Sec. Line

Revised location of Aqueduct ℄.

SE1/4 SW1/4

SW1/4 SE1/4

SE1/4 SE1/4

See Insert Sheet 11

Easement For Access Rd. to Well Site

REDUCED SIZE DO NOT SCALE

Registered Professional Engineer (Civil)
DALE WAYNE JOHNSON
CERTIFICATE EXPIRES DEC. 31, 19 69
ARIZONA U.S.A. 7405

REVISIONS			
C.N.	DATE	BY	DESCRIPTION
949	2-24-66	J.C.L.	Call out fence.
1030	3-1-66	R.R.	Added 2 New Type 2 Gates Rt. & Lt. Sta. 2733+00
1050	3-15-66	"	Added revised Aqueduct ℄.
1503	3-21-67	Nowace	Additional New R/W Sta. 2761+ and 2771+ and Revised Parking Area and Ramps Total Sh. 1 to 35
2318	6-18-68	DWT	Corrected Call Sheet # Added Dr. Not Disturb Call
2359	8-13-69	J. Nez	Added New R/W (1969) Rt. 2752+00 and Lt. 2757+00
"	"	"	and changed Total sheets No. 35 to 36.
2429	10-1-69	P.T.	Add Note "New #1 Gate Locked" Rt. Approx. E.B. Sta 2759+
"	"	"	on New 1969 R/W.
2472	1-2-70	AWB	Changed Sheet No. 36 to 37
2014	5-4-71	"	" " 37 to 38

Note: See Revision Block Lwr. L.H. Cor.

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	10 of 38
DRAWN BY	E.V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRARD

DESCRIPTION	BY	DATE
Add C.L.S. (W.) Added dykes, Revd. Cvls. called 2755	TEK	7-28-71
Revised Part Area Change E.B. 4 W.B.	"	3-26-73
4754 1-2877 R.M.M. Revised Sheet Total	W.D.S.	8-1-73
Finalized	R.M.M.	4754 1-2877

Click here for I-10 Index

Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
CO. NO.	DATE	BY	DESCRIPTION
3626	8-1-73	W.O.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

CO. No.		
949	1-1946	L.C.S.	Original Survey
1192	7-1946	Konnect	Add Part of 14-103-1
1503	3-1947	Konnect	Additional New R/W, P's & 276/+ and 277/+ and
"	"	"	Revised Parking Area and Ramps.
"	"	"	Total Sheets to 35
2318	6-1950	D.W.S.	Revised Eng. Data & added mine notes.
2359	2-1951	M.C.	Added New R/W (1969) Lt. & Rt. of Const. Access.
"	"	"	& Drain Leases on The Atlas L/W
2478	1-1955	D.W.S.	Changed Sheet No. from 36 to 39

CONSULTANT | JOHANNESEN & GIRAND

I-10-1(29)49
D-14-T-336
11 of 39
J. LOHR
Dec. 7, 1965
1"=100'

CHECKED BY: John Thompson

6274 MII

ROADSIDE REST AREAS

650' Lt. W.B. Sta 2762+00

Fd ¼ Cor. 1" I.P. & Brass Cap U.S.G.L.O. 1926

1.06'

198.93' S 79°55'13"E

5 Wire Fence

New R/W (1969)

650' Lt. W.B. Sta 2766+98.93

NE ¼ SE ¼

NE ¼ SW ¼

NW ¼ SE ¼

SW ¼ SE ¼

SE ¼ SE ¼

SE ¼ SW ¼

Approx. 1/16 Sec. Line

Approx. ¼ Sec. Line

Approx. Lot Line

Match Line Sheet 10

Match Sheet 12

Ariz. Interstate Stream Comm. Aquaduct (Approx. Location)

& New 14' Grader Rd.

N.78°43'17"E.

25'x1355.11' Easement for Access Rd. to Storage Tank

S64°35'58"E 50'

2.09'

P.C. 111+59.97

Δ = 36°40'45"Rt.
R = 301.56'
T = 99.96'
L = 193.05'

P.T. 113+53.02

Sta 113+55.11

Sta 131+80.11 Back
780.24 Lt. Sta 2782+90.99 W.B.

Ctr. 30'x30' Easement for Storage Tank

FINALIZED

Mound of Stones

Mound of Stones-Remove

Brass Cap

Sta 2784+70.02

150 Lt. & 98' Rt. P.

P.O.T. 2784+70.02

R/S 200' Lt. R.R. Spike

Sta 2789+50
N 10°42'47"E

New R/W

Line 2790

2785

2780

2775

2770

2760

2765

LOT 3

LOT 4

S 79°55'13"E 500.00'

S 34°55'

New #1 Gate Locked

W.B. Rest Area

E.B. Rest Area

New 2-48" Pipe Culv.

New Drain Easement

New Channel

N 75°52'15"W

S 75°09'24"E - 602.08'

New 36" Pipe Culv.

Sta 2780+88 W.B.

1132.83'

500.00'

100' Lt. W.B. P.O.T. 2783+00

100' Lt. W.B. Sta 2778+00

Sta 2772+00 W.B.

150' Lt.

354.94'

0.00 Access Rd.

New 8" CMP Sleeve (Ends Capped)

New 36" C.M.P.

P.O.T. 2763+34.21
5/8" I.P.

Sta 2769+95.06 W.B.

P.O.T. 2774+00
5/8" I.P.

Sta 2762+20.18 E.B.

Survey Line

Constr. ℄ E.B.

Constr. E W.B.

Do Not Disturb

Mound of Stones-Remove

S 82°12'39"E - 625.50'
400.32'

New R/W (1969)

New 5 wire fence

Sta 2781+43 E.B.
New 36" Pipe Culv.

Pits

Mound of Stones

Claim Iron Hill - Viola W. Holt
750' NE & 750' SW from center of shaft,
300' on each side of ℄ of Claim
No record at B.L.M. Office 12-27-62

S 76°40'50"E 530.85'

New R/W

Match Sta 2760+30 E.B.

320.17'

976.24'

558.60'

130' Rt. Sta 2760+30 E.B.

S 34°55'13"E

452.55'

New #1 Gate Locked

81.85'

418.15'

S 79°55'13"E 500.00'

New Drainage Easement

1284.54'

N 10°42'09"E

S 82°08'23"W

S 79°55'13"E.

590 Rt. Sta 2760+45 E.B.

640' Rt. E.B. Sta 2760+50

510' Rt. E.B. Sta 2761+00

600' Rt. E.B. Sta 2762+00

450' Rt. Sta 2763+50 E.B.

600' Rt. E.B. Sta 2767+00

450' Rt. Sta 2768+50 E.B.

T3N R14W

T3N R13W

263.50'

1303.47'

241.52'

New R/W (1969)

5 Wire Fence

N.55°04'47"E

212.13'

S.82°12'39"E

474.16'

225.18'

New R/W (1967)

N.55°04'47"E 459.62'

543.47'

Sta 2773+31.00 E.B.

Sta 2774+00 E.B.

186.96' Rt. Sta 2703+51.67 E.B.
Ctr. 30'x30' Ease to Well Site

Easement for Well & Access Road
SEE INSET RIGHT

Fd. Sec. Cor. 2" I.P. & Brass Cap U.S.G.L.O. 1926.

CO. No.	DATE	BY	DESCRIPTION
4249	10-1-64	P.T.	Extended East. Limit of N.W. Site Access Rd. & Ext.
"	"	"	E.B. Sta 2762+20.18 to Intersect New 1969 R/W
"	"	"	Line Add Note "New #1 Gate Locked" Lined Thru
"	"	"	Locked Gate "Note Rt. of E.B. Sta 2762+20.18
4272	12-2-64	D.W.S.	Changed Sheet No. 36 to 37
4312	5-27-65	D.W.S.	Added Const. Sta. 2773+31.00 E.B. = W.B. Sta.
4999	7-1951	T.E.C.	Del. C.L. Rec. Revised Rock Excav. on W.B.

Sheet 9 | Sheet 10 | Sheet 11

Sta 2703+51.67 E.B.

E.B. Constr. ℄

Med. ℄ Survey ℄

2700 2710 2720 2730 2740 2750 2760 2770 2780

Mound of Stones

1067.96'

I-10-1(29) CONSTR. WELL SITE ONLY

25'x 604.19' Easement for Access Road to Well Site
N 85°18'17"E

320.17' Rt. Sta. 2762+20.18 E.B. & Easement

50'x50' Easem't for Well Site

REDUCED SIZE DO NOT SCALE

T3N R14W | T3N R13W

Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	11-2-64	J.C.K.	Cal. Sheet No. 1
1192	7-11-66	Knauss	Add "Part 14-103-1"
1503	3-27-67	Knauss	Total Sheets To 35
2318	6-13-68	D.M.S.	Revised Pipe Culv. & Added Misc. Note
2344	7-12-69	RE	Added Wat. to Fill P.I.'s.
2359	8-12-69	J.Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	AWB	Changed Sheet No. 36 to 37

PROJECT NO.	I-10-I(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	12 of 39
DRAWN BY	J. L. VAN ORDER
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRARD

CHECKED BY. John Burgess

HARD COPY. 6274 MII

NE¼ SE¼

Approx. 1/16 Sec. Line

NW¼ SE¼

T3N ⊕ R13W

SE¼ SE¼

Fd. ¼ Cor. 2" Iron Pipe with Brass Cap US Dep't of Interior B.L.M. Cadastral 1963

SW¼ SW¼

FINALIZED

BLACK ROCK SADDLE

14-103-D

New Drainage Easement 100' x 350'

2791+50 S10°04'47"W

14-103

Mounds of Stones

2641.36 (Comp.) N0°16'58"W

Line 2790 2795 2800 2805 2810 2815 2820 Line

POT 2796+00 5/8" I.P.

POT 2808+00 5/8" I.P.

POT 2814+00 5/8" I.P.

4'x5'x35' Tunnel

3'x8'x50' Shaft

Sta. 2815+46 W.B. New 2-58"x36" C.M.P.A.

20'

Slope Limits

New R/W

Remove

Constr. ℄ W.B.

6'x4'x50' Shaft

120'

100'

S79°55'13"E

14-103

Pits, F.11

Survey Line

POT 2815+02.24 5/8" I.P.

Do Not Disturb

Constr. ℄ E.B.

Slope Limits

New R/W

45°

S55°04'47"W

Sta. 2793+00 W.B. & E.B. New 65'x40' C.M.P.A.

New 5 wire fence.

Sta. 2804+00 W.B. & E.B. New 60" Pipe Culv.

Future New C.M.P. Downdrain

Sta. 2815+11 E.B. New 2-58"x36" C.M.P.A

N0°16'58"W 379.22' (Computed)

N 89° 55' 22" E

Match Sheet 11

Approx. ¼ Sec. Line

Approx. ¼ Sec. Line

℄ New 50'x320' Drain Easement Rt. Sta 2793+00 - Const.

SW¼ SE¼

7 18

Ariz. Interstate Stream Aqueduct (Approx. Location)

7 18 17 8

Fd. 2" Iron Pipe with Brass Cap US Dep't of Interior BLM Cadastral 1963

NW¼ NW¼

NE¼ NE¼

67 Rt. Sta 2819+76.11 Brass Cap in Conc. U.S.C.&G.S. 1962 "Saddle" - Match Sheet 14

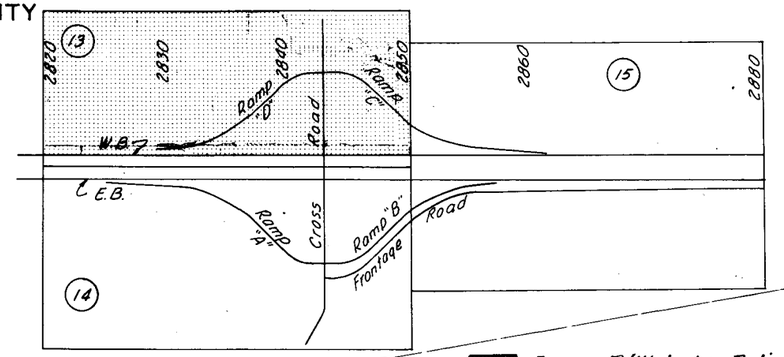
REDUCED SIZE DO NOT SCALE

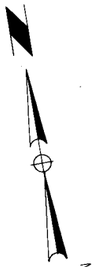
1225.0'

7'x7'x50' Pit

REVISIONS			
C.O.No.	DATE	BY	DESCRIPTION
2914	4-12-71	C.S.C.	Added New Drainage Easement Lt. Sta.
"	"	"	2791+50 To 2795+00. Chg. Sh. No. 37 to 38
3626	8-1-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

EHRENBERG - PHOENIX HIGHWAY
BOUSE WASH - LONE MOUNTAIN SECTION
YUMA COUNTY





Excess R/W to be Relinquished

Note:
Abandoned to B.L.M. in Accordance with the reversion terms of B.L.M. Grant AR 031625 and Arizona Dept. of Transportation Resolution 78-03-A-03 Dated Feb. 3, 1978 Recorded in Docket 1022 P.P. 193-200 on Feb. 21, 1978

(14-103)

Approx. 1/4 Sec. Line

Approx. 1/16 Sec. Line

NW¼ SE¼

NE¼ SW¼

Approx. 1/16 Sec. Line

Registered Professional Engineer (Civil) — Dale Wayne Johnson — Dec. 31, 1965 — Arizona U.S.A. 7465

REVISIONS			
C.O No	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call out fence on RW line & Crossroad
1303	3-27-67	Mowrer	Total Sheets to 35
1634	7-12-67	J.B.	Changed "X" Rd. R/W Tan. Dist. 125.71' to 185.11'
			℄ P.C. 139+88.79 to P.C. 139+83.19 "X" Rd.
2318	6-15-69	D.W.S.	Added Survey Marker Notes.
2344	7-18-69	TE	Revised Call Outs on Cattle Guards.
2359	8-12-69	J. Nat	Changed total sheets No. 35 to 36.
2472	1-2-70	J.A.M.	Added new R/W & temp constr. ease. Lt. ℄
"	"	"	Pt. sta 2842+90 changed total sheet no. to 37
2914	5-4-71	A.W.B.	Chg. Sh. No. 37 to 38

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	13 of 39
DRAWN BY	E.V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

+80 Begin Grader Road Sta. 132+20

(14-103-C)

FINALIZED

New 200' x 870' Temp. Constr. Ease.

100' Rt. Sta. 138+25 Cross Rd. ℄

100' 100'

100' Lt. Sta 138+25 Cross Rd. ℄

S 78° 55' W

0.97 Ac.

(14-103-E)

End Grader Road Sta. 140+50 Begin Paving

New R/W (1965)

New R/W (1973)

New R/W (1973)

140 Exist. Cattle Guard w/gate

New 5 wire fence

℄ 60'x35' Dyke Easement Lt. Sta. 26+83 Ramp "D"

100' Rt. 141+30.42 Cross Rd. ℄

100' Lt. 141+30.42 Cross Rd. ℄

℄ 80'x40' Dyke Easement Lt. P.O.T. 15+00 Ramp "C"

S 27° 13' 13" E

70' Lt. P.C. 26+28.00 Ramp "D"

R=479.26'

L=356.40' No Access

30.42'

30.42'

R=479.24'

L=356.40'

70' Lt. P.T. 14+01.43 Ramp "C"

N 55° 04' 47" E

Sta. 15+40 Ramp "C" New 2-36" Pipe Culv.

25

N 55° 04' 47" E

New 5 unit C. Gd. No Gate

New 5 unit C. Gd. No Gate

RAMP "D"
Δ = 45° Rt.
D = 14°
R = 409.26'
T = 169.52'
L = 321.43'

End Ramp "D" Sta. 30+29.43
Begin Ramp "C" Sta. 10+00
Sta. 142+00 Cross Road ℄

RAMP "C"
Δ = 45° Rt.
D = 14°
R = 409.26'
T = 169.52'
L = 321.43'

S 39° 55' 13" E

70' Lt. P.C. 17+19.10 Ramp "C"

37.67'

Ramp "C"

Line

15

Block Rock Saddle

SW¼ SW¼

New 5 wire fence.

Sta. 19+90 Ramp "D" New 2-30" Pipe Culv.

℄ 140'x30' Drain Easement Lt. P.O.C. 16+25 Ramp "D"

℄ 80'x20' Drain Easement Lt. P.O.C. 19+70 Ramp "D"

S 16° 55' 58" E

20

S 31° 12' 56" E

70' Lt. P.T. 22+92.35 Ramp "D"

330.65'

Ramp "D"

Sta. 27+20 Ramp "D" New 36" Pipe Culv.

℄ Cross Road

S 0° 04' 47" W

145

SW¼ SE¼

5 Wire Fence

Sta. 2841+80 W.B. New 36" Pipe Culv.

Sta. 2847+73 W.B. New 2-36" Pipe Culv.

New 3-Span Conc. Box Girder Underpass

N 89° 51' 32" E 5284.95'

8 9 17 16

Sta. 2835+37 W.B. New 2-30" Pipe Culv.

Sta. 2837+68 W.B. New 2-30" Pipe Culv.

Future New Survey Mon. & Cover

8 17

Do Not Disturb

525.71' ¼ Cor. Fd. 1964 - 2" I.P. with Brass Cap U.S.B.L.M. / Cadastral 1963

Line

P.O.T. 2820+72.56
Brass Cap in Conc.
R.P.s 1.95' Lt. & 2.00' Rt. 5/8" I.P.s
2.36' Rt. Mod. & P.O.T. 2821+52.41
Brass Cap in Conc.
U.S.C. & G.S. 1962 "Saddle N-O-1"

100' Lt. 2823+99.49 W.B.

P.O.T. 2825+40
R.P. Spike

New R/W

570.56'
S 81° 03' 58" E

Ramp "D" Nose - Curb Radius Pt. 23.71' Lt. Sta. 2828+71.35 W.B. 15.71' Rt. Sta. 14+00 Ramp "D" Begin Ramp "D" Control

70' Lt. P.C. 15+00 Ramp "D"

S 2° 03' 32" W

R=971.74'
L=743.77'

S 79° 55' 13" E

Constr. ℄ W.B.

Slope Limit

100'

100'

S 79° 55' 13" E

Survey Line - Match Line Sta. 14

Do Not Disturb

P.O.T. 2836+55.0 Median ℄ Sect. Tie.

2820 2825 2830 2835 2840 2845 NW¼ NE¼ Match ℄ 2850

Match Sheet 12

7 8 18 17

2642.83'
N 89° 55' 22" E

NW¼ NW¼

Sta. 2830+24 W.B. New 2-30" Pipe Culv.

Sta. 2832+50 W.B. New 2-30" Pipe Culv.

NE¼ NW¼

P.O.T. 2838+00 5/8" I.P.

Sta. 2842+90 Constr. ℄ W.B. Sta. 149+00 Cross Road ℄

Sta. 2842+90 Survey Line Sta. 150+00 Cross Road ℄

P.O.T. 2847+41.31 Brass Cap in Conc. 10.2' x 2.00' Lt. & 1.5' x 2.00' Rt.

Match ℄ Sheet 15

BLACK ROCK MOUNTAIN INTERCHANGE

REDUCED SIZE DO NOT SCALE

CO. NO.	DATE	BY	DESCRIPTION
2472	1-2-70	J.A.M.	Add'l C.L.S. Pts. New Curve
2476	1-26-70	W.D.S.	Added Rev. 4-1-103-E Revised Access Control
2612	8-4-70	N.W.B.	Eliminated Sheet 15 of 41
4048	9-4-74	N.W.B.	Added Excpt. R.C.T.2.0. Exhibit C.O. Cross Rd. North
4754	1-28-77	R.W.H.	Finalized
5460	9-28-79	R.C.	Added Abandonment Note

HARD COPY 6274 M 114 M 13

CHECKED BY: John Seymour

DIETZGEN 128 IMPERIAL NO 11-62

Click here for I-10 Index

EHRENBERG - PHOENIX HIGHWAY
BOUSE WASH - LONE MOUNTAIN SECTION
YUMA COUNTY

FINALIZED 14-103

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call out fence on R/W line & Crossroad
1050	7-11-66	L.C.K.	Added revised Aqueduct ℄
1503	3-27-67	Howard	Total Sheets to 35
2318	6-15-69	D.W.S.	Added New future Survey Mon & Misc. Notes.
2344	7-18-69	R.C.	Revised Call Outs on Cattle Guards
2359	8-12-69	J. Nez	Changed Total sheets No. 36 to 36.

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	14 of 39
DRAWN BY	M. NIELAN
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) DALE WAYNE JOHNSON DEC. 31, 19 ARIZONA U.S.A. 7429

CHECKED BY: John Simpson

HARD COPY 6274 M11 & M13

DESIGN UNIT			
1965	W.E.	R.W.	Added new ONE & Ramp center lines, Ramp A, & P.I.
1966	"	"	Sta. 2822+00 Changed 3°W. M. to 5°52'
2041	5-6-71	J.W.B.	Chg. Sht. No. 37 to 38
3616	12-3-73	W.O.S.	Advised Hoots Contract 72-6 Quarter Rd. 19%
4082	9-4-74	W.E.S.	Added A.C. Zip Exist. C.G. & Gate to C.E.S.W. 19%
4754	2-28-77	R.W.M.	Finalized
5460	9-28-77	R.C.	Added Abandonment Note

Line 2820 2825 2830 2835 2840 2845 2850 Line

5W 1/4 5W 1/4 Do Not Disturb

P.O.T. 2820+72.36 Brass Cap in Conc. R.P.S. 19.5 Lt. 200 Rt. 5/8" I.P.S.

2.36' Rt. Mon. @ P.O.T. 2821+52.41 Brass Cap in Conc. U.S.C. & G.S. 1932 "Scadlin" N.O.I.

P.O.T. 2825+40 R.R. Spike

Survey Line - Match Line Sheet 13

S 79° 55' 13" E

Sta. 2831+56 E.B. New 2-30" Pipe Culv.

Sta. 2834+50 E.B. New 2-30" Pipe Culv.

P.O.T. 2838+20 5/8" I.P.

1659.85'

525.71' 1/4 Cor. Fd. 1964-2" I.P. Brass Cap U.S.B.L.M. Cadastral 1963

P.O.T. 2836+55.0

New Survey Mon & Cover Future

N 89° 51' 32" E

Sta. 2842+90 Survey Line Sta. 150+00 Cross Road ℄

P.O.T. 2847+41.31 Brass Cap in Conc.

Do Not Disturb

New 3-Span Conc. Box Girder Underpass

Constr. ℄ E.B.

100' 100'

Slope Limits

Match Sheet 12

S 75° 55' 13" E

163.07'

326.20

S 79° 55' 13" E

S 75° 55' 13" E

2642.83'

N 89° 55' 22" E

Begin Ramp "A" Sta. 10+00 12' Rt. Sta. 2824+46.77 E.B.

100' Rt. Sta. 2825+38.63

100' Rt. Sta. 2827+01.70

Ramp "A" Nose 25.50' Rt. Sta. 2829+33.71 E.B. 20.50' Lt. Sta. 14+86.69 Ramp "A"

70' Rt. P.C. 15+86.69 Ramp "A"

New R/W

Ramp "A" L = 695.36' R = 971.74' S 25° 00' 00" E

RAMP "A" Δ = 41° Rt. D = 5° 30' R = 1041.74' T = 389.49' L = 745.45'

Sta. 2838+22 E.B. New 2-30" Pipe Culv.

Sta. 2836+53 E.B. New 2-30" Pipe Culv.

Sta. 2841+80 E.B. New 36" Pipe Culv.

Sta. 21+70 Ramp "A" New 2-30" Pipe Culv.

Sta. 25+40 Ramp "A" New 2-30" Pipe Culv.

5 Wire Fence

Sta. 2847+73 E.B. New 2-36" Pipe Culv.

Sta. 153+50 Cross Rd. New 36" Pipe Culv.

NW 1/4 NE 1/4

P.C. 17+32.08

Frontage Rd.

Sta. 15+60 Ramp "B" New 2-36" Pipe Culv.

Sta. 14+00 Ramp "B" New 36" Pipe Culv.

RAMP "B" Δ = 45° Lt. D = 14° R = 409.26' T = 169.52' L = 321.43'

End Ramp "A" Sta. 30+51.24 Begin Ramp "B" Sta. 10+00

Sta. 158+00 Cross Rd. ℄

Ramp "B"

Slope Limits

70' Rt. P.T. 17+88.04 Frontage Rd.

Match Sheet 15

N 55° 04' 47" E ℄ New R/W

492.60'

N 10° 05' 00" E

70' Rt. P.T. 23+32.14

Ramp "A"

317.67'

S 34° 55' 13" E

No Access

RAMP "A" Δ = 45° Lt. D = 14° R = 409.26' T = 169.52' L = 321.43'

S 10° 04' 47" W

Cross Road ℄

155

New sunit C. Gd. ← No Gate

℄ 50' x 350' Drain. Easement Rt. 18+00 Ramp "A"

℄ 50' x 300' Drain. Easement Rt. 22+30 Ramp "A"

NW 1/4 NW 1/4

NE 1/4 NW 1/4

Approx. 1/16 Sec. Line 7

New 5 wire fence.

70' Rt. P.C. 26+49.81 Ramp "A"

L = 356.40' R = 479.26'

Sta. 29+30 Ramp "A" New 2-30" Pipe Culv.

New sunit C. Gd. No Gate

Frontage Road ℄

N 55° 04' 47" E

L = 250.41' R = 2045.92'

70' Rt. P.T. 12+95.44 Frontage Rd.

100' Rt. Sta. 158+10 Cross Rd. ℄

160

Exist Cattle Guard With Gate

Sta. 160+00 Cross Rd. New 2-30" Pipe Culv.

S 10° 04' 47" W

New R/W

R = 250'

L = 342.39'

Δ = 78° 29' 37"

100' Lt. Sta. 160+10.39 Cross Rd. ℄

14-103-E*

New R/W

FRONTAGE ROAD Δ = 45° Lt. D = 20° 50' 05" R = 275' T = 113.91' L = 215.98'

* Parcel 14-103-E in Sec. 17 is for Access Control Only.

5.05' S 10° 04' 47" E ℄ New R/W

2.8 Acres

L.I.B. N 88° 32' 34" E

CROSS ROAD ℄ Δ = 17° 16' 33" Rt. D = 6° 00' R = 954.93' L = 288.02' T = 145.12'

165

100' Rt. Sta. 163+00 Cross Road ℄

End Paving Sta. 163+00 Begin Grader Road

P.C. 163+54.88

P.T. 166+42.90

End Grader Road Sta. 172+42.46

100' 100'

100' Lt. Sta. 163+00 Cross Road ℄

New 200' x 11.75' Temp. Constr. Ease.

S 27° 21' 39.8" W.

175

Begin Frontage Road Sta. 10+00 Sta. 159+41 Cross Road ℄

1/4 Sec. Line

SW 1/4 NE 1/4

Revised location of Aqueduct ℄.

BLACK ROCK MOUNTAIN INTERCHANGE

Excess R/W to be Relinquished

Note:
Abandoned to B.L.M. in Accordance with the reversion terms of B.L.M. Grant AR 031625 and Arizona Dept. of Transportation Resolution 78-03-A-03 Dated Feb. 3, 1978 Recorded in Docket 1022 P.P. 193-200 on Feb. 21, 1978.

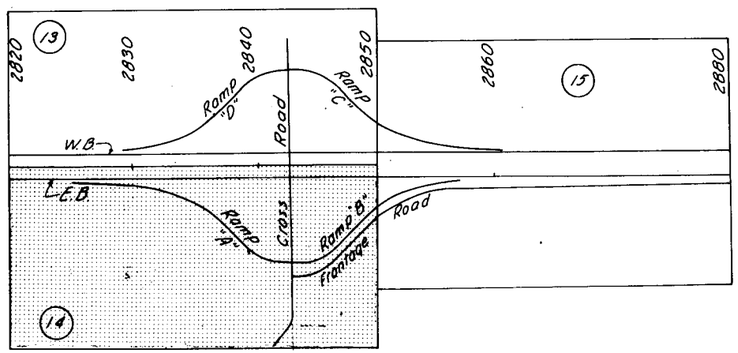
SE 1/4 NW 1/4

To Well

SW 1/4 NW 1/4

Approx 1/16 Sec. Line 7

REDUCED SIZE DO NOT SCALE



Click here for I-10 Index

EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

FINALIZED

Registered Professional Engineer (Limited) — State of Arizona — Dale Wayne Johnson — Dec. 31, 19 65 — Arizona U.S.A.

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	4-2-66	L.C.K.	Call out typo.
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄.
1503	3-27-67	Nowacki	Total Sheets to 35
2318	6-13-68	D.W.S.	Added Numerous Dykes & Corrected Numerous Calls
2344	7-12-68	ZE	Relocated CMP Arch. Sta 2880+00
2359	8-12-68	J. Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	A.W.B.	Changed Sheet No. 36 to 37

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	15 of 38
DRAWN BY	E. V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRARD

CHECKED BY. John Brannan

HARD COPY. 6274 M11, 12 & 13

CO. No.	DATE	BY	DESCRIPTION
2614	3-8-71	A.W.B.	Chg. Sh. No. 37 to 38
2999	7-13-71	F.E.K.	Del. C.I.S. Rev. Added offset Sta. 2855+35 & 2864+82, Sta. 2869+50 & 2871+50
"	"	"	28+94.50 & 28+79.50
3626	8-2-73	W.D.S.	Revised Sheet No. 16 to 1
4754	1-28-77	R.M.M.	Finalized

SE¼ SE¼ — T 3 N — R 13 W — SW¼ SE¼ — SW¼ SW¼ — NW¼ NW¼ — NE¼ NE¼ — SE¼ NE¼ — NW¼ NE¼ — SW¼ NW¼

Line Sheet 13 — New R/W R=971.74' L=695.36 — 70' Lt. P.T. 24+64.55 — Ramp "C" D=41°Lt. D=5°30' R=1041.74' T=389.49' L=745.45' — N 10°04'47" E — 20 — 25 — Ramp "C" Nose 23.50' Lt. Sta 2835+46.29 W.B. 20.50' Rt. Sta 25+64.55 Ramp "C" — 100' Lt. Sta 2858+78.25 W.B. — S 75°55'13" E 326.20' — P.O.T. 286+00 5/8" I.P. — 2860+10 — 2860+70 — 2860 — 2865+10 — 2865+70 — 2865 — 2870+10 — 2870+70 — 2870 — 2875+10 — 2875+70 — 2875 — 2880 Line — New Dyke Easement — New 60'x135 Dyke Easement ℄ @ 90° Sta. 2855+50 W.B. — N 89°51'32" E. (Bk.) 5284.95' — (Sec. Cor. Fd. 2" I.P. & Brass Cap U.S.B.L.M. Cadastral 1963) — 8 9 17 16 — 14 103 — 570.33' — 550' — P.O.T. 2874 + 12.43 Brass Cap R.P. 200' Lt. & Rt. 5/8" I.P. — New R/W

Ramp "C" — Slope Limits ℄ — Constr. ℄ W.B. — Survey Line ℄ — Do Not Disturb — Constr. ℄ E.B. — Slope Limits ℄ — 100' — 18' — 5'

S 79°55'13" E — S 79°52'23" E — 36" CMP — New 42" Pipe Culv. — P.O.T. 2868+72.57 Hub & Tack Sect. Tie

Ramp "B" — 20 Front. Rd. — 20 Ramp "B" — Frontage Rd. ℄ — L=870.00' R=1145.92' — 25 — to 2855+35 W.B. & E.B. New 36" Pipe Culv.

FRONTAGE ROAD Δ=43°30' Rt. D=5° R=1145.92' T=457.17' L=870.00'

RAMP "B" Δ=43°51'15" Rt. D=5°30' R=1041.74' T=419.35' L=797.35'

P.T. 25+29.33 Ramp "B" — P.T. 26+10.42 Front. Rd. — Approx. 1/16 Sec. Line ℄ — Ramp "B" Nose 23.71 Rt. Sta 2857+08.65 E.B. 15.71 Lt. Sta 26+29.43 Ramp "B"

S 81°25'13" E (Bk.) 126.39' Rt. Sta. 2857+42 E.B. — Sta. 2860+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

S 79°55'13" E Bk. = S 79°52'23" E Ahd — 858.57' — Sta. 2865+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch — New 5 wire fence.

R=11,401.16' L=299.53' — 10.39 2 Rt. Sta 2866+02.28 E.B. — FRONTAGE RD. Δ=1°30" Rt. R=11,459.16' T=150.01' L=300.00'

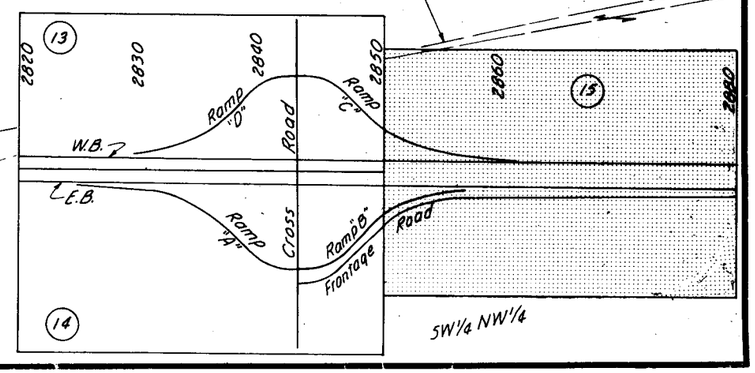
100' Rt. Sta 2868+38.28 E.B. — S 0°00'38" E 2639.28'

Frontage Rd. & 26' Grader Road — Sta. 2870+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

℄ New R/W — Sta. 2875+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch — Match Sheet 16

Sta. 2880+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch.

Location of revised Aqueduct ℄.



BLACK ROCK MOUNTAIN INTERCHANGE

BEARING EQUA. 10.39 2 Rt. Sta 2866+02.28 E.B. Ahd

Approx. 1/16 Sec. Line ℄

17 16

1/4 Cor. Fd. 2" I.P. with Brass Cap - U.S. Dept of Interior B.L.M. Cadastral 1963

REDUCED SIZE DO NOT SCALE

DIGITIZED FOR HISTORICAL PURPOSES ONLY 11-02

Click here for I-10 Index

EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

HARD COPY 6274 M12

CHECKED BY: John Stevens

CO No	DATE	BY	DESCRIPTION
2910	2-8-71	AWB	City, St. No. 93 to 95
2919	2-8-71	AWB	Const. & Rem. Misc. Items, Sta. 2884+50, 2890+50, 2894+50, 2900+50, 2904+50, 2905+50
"	"	"	Revised Sheet Total
3626	8-2-71	W.H.S.	Finalized
4754	1-28-72	R.Roth.	

CO No	DATE	BY	DESCRIPTION
919	4-29-66	L.C.K.	Changed R/W line, beg. & called fence.
1030	9-1-66	R.R.	Added 2 New #2 Gates Rt & Lt Sta 2896+00 (Callout)
"	"	"	
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄
1503	32767	Wages	Total Sheets 1a 35
2318	6-15-68	DWS	Added Numerous Dykes & Culvs.
2344	7-11-69	RE	Added CMP Arch Sta 2910+00
2359	8-12-69	J Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	R.W.B.	Changed sheet No. 36 to 37

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	16 of 39
DRAWN BY	R. KIMBELL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRARD

Registered Professional Engineer (Civil) — DALE WAYNE JOHNSON — EXPIRES DEC. 31, 19 65 — ARIZONA U.S.A.

FINALIZED

Section Line

To Salome

16

T3N — R13W

14-103

2880+10 | 2880+70 | 2885+10 | 2885+70 | 2890+10 | 2890+70 | 2893+10 | 2893+70 | 2895 | 2900+10 | 2900+70 | 2905+10 | 2905+70 | 2910

NE1/4 NW1/4 | NW1/4 NE1/4 | NE1/4 NE1/4

New Dyke Easement

550'

350'

2880 | 2885 | 2890 | 2900 | 2905

Line

Sta. 2880+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

POT. 2886+00 5/8" I.P.

Sta. 2890+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

No Access

2895+25 N 10°07'37"E 145'
Lt. & Rt. 2896+00 2 New Type 2 Gates
POT. 2896+26.15 Brass Cap
R.P.'s 200' Lt. & Rt. 5/8" I.P.
2896+70 S 10°07'37"W
20'

Sta. 2905+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

New R/W Line

Slope Limits

New R/W

100'

Constr. ℄ W.B.

Survey Line

Do Not Distrub

Constr. ℄ E.B.

S 79° 52' 23" E

Match Sheet 15

New R/W

Constr. ℄ Frontage Road
26' Grader Rd.

Approx. 1/16 Sec. Line

Sta. 2885+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

Sta. 2893+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

Sta. 2900+00 W.B. & E.B.
New 2-43"x 27" C.M.P. Arch

New 5 wire fence.

Match Sheet 17

N 10°07'37"E

150'

190'

Sta. 2896+00 W.B. & E.B.
New 10'x8' Box Culv.-Cattle Pass
New Type 2 Gates Lt. & Rt.

Sta. 2910+00 WB & EB
New 43" x 27" CMP Arch

NW1/4 NW1/4

Approx. 1/16 sec. Line

Revised location of Aqueduct ℄.

2894+70

End Grader Rd

14' Dirt Road

2896+60

Approx. 1/4 Sec. Line

To FAA Intermediate Field # 278

SE1/4 NW1/4

SW1/4 NE1/4

Approx. 1/16 Sec. Line

REDUCED SIZE
DO NOT SCALE

DIGITAL USE IMPERIAL SIZE 11"x8"

Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

HARD COPY 6274 M12 CHECKED BY John Thompson

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call out fence
1050	9-15-66	L.C.K.	Added revised Aqueduct ℄.
1192	7-1-66	Yuma	R/W Proj. F-14-103-1
2503	3-27-67	Yuma	Total Sheets to 35
2318	6-13-68	DW.B.	Added Numerous Dykes.
2344	7-12-68	E.C.	Added CMP Arch Sta. 2940+00
2359	8-12-69	J. Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	A.W.B.	Chg. Sh. No. 36 to 37

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	17 of 39
DRAWN BY	E. V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer — Certificate No. — Alice May E. Johnson — Dec. 31, 19[illegible] — Arizona U.S.A.

FINALIZED

T3N ⊕ R13W

Fd. Sec. Cor. 2" Iron Pipe with Brass Cap U.S.B.L.M. Cadastral 1963

9 10 / 16 15

2910+10 2910+70 2915+10 2915+70 2920+10 2920+70 2925+10 2925+70 2930+10 2930+70 2935+10 2935+70

New Dyke Easement

NE¼ NE¼ NW¼ NW¼ SE¼ NW¼ SW¼ NW¼ SE¼ NE¼

2910 2915 2920 2925 2930 2935 2940

Line

P.O.T. 2912+00 5/8" I.P.

2640.29' / 531.75'

14-103

P.O.T. 2928+37.35 Brass Cap R.P.'s 200 Ft. ℄ Lt. 5/8" I.P.

Approx. 1/16 Sec. Line

Sta. 2920+00 W.B. & E.B. New 43"x 27" Arch

Sta. 2935+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

New R/W

Slope Limit

100' 100' 100' 100' 100' 100'

Constr. ℄ W.B.

Survey Line

Do Not Disturb

S 79° 52' 23" E

P.O.T. 2922+36.11 Hub & Tack Sect. Tie

Constr. ℄ E.B.

Match Sheet 16

Sta. 2910+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

Sta. 2915+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

New 5 wire fence

Revised location of Aqueduct ℄.

Sta. 2925+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

Sta. 2930+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

Revised location of Aqueduct ℄.

Sta 2940+00 W.B. & E.B. New 43"x 27" C.M.P. Arch

Match Sheet 18

S 0° 00' 13" E

Approx. 1/16 Sec. Line

Ariz. Interstate Stream Comm. Aqueduct (Approx. Location) (Original Location)

Fd ¼ Cor. 2" Iron Pipe with Brass Cap U.S.B.L.M. Cadastral 1963

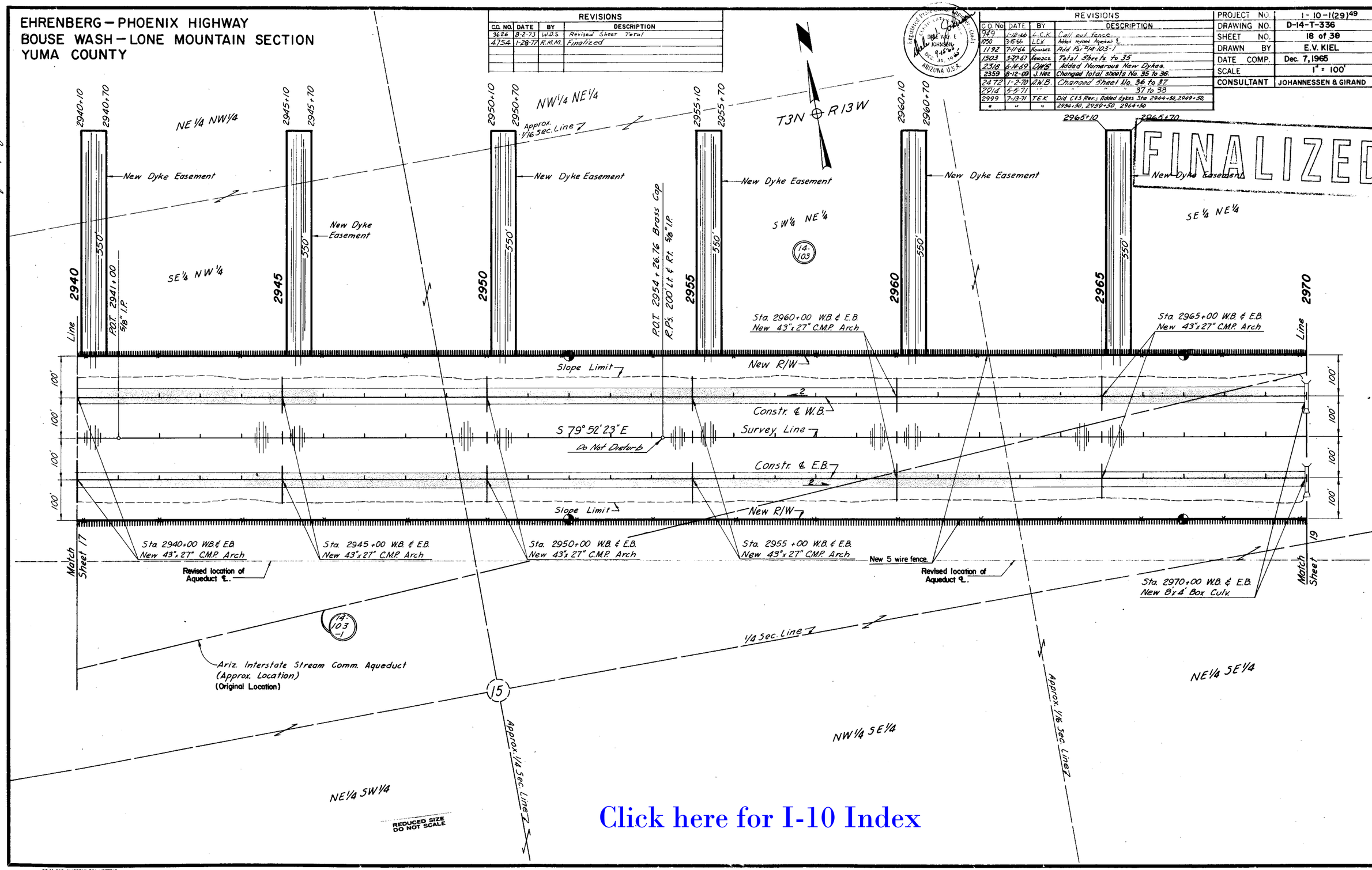
¼ Sec. Line

16 15

REDUCED SIZE DO NOT SCALE

U.S. ROUTE	DATE	BY	DESCRIPTION
2914	5-4-71	A.W.B.	Chg. Sheet No. 37 to 38
2998	7-3-71	T.E.K.	Rev'd C.I.S. Rev.; Relocated Sta. 2944+80, 2949+50, 2959+80, 2969+50, 2974+80, 2984+80, 2994+80, 3004+20, 3009+50
"	"	"	Revised Sheet Total
3426	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

Click here for I-10 Index


EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY
REVISIONS
C.O. NO. | DATE | BY | DESCRIPTION
3626 | 8-2-73 | W.D.S. | Revised Sheet Total
4754 | 1-28-77 | R.M.M. | Finalized
REVISIONS
C.O. No. | DATE | BY | DESCRIPTION
949 | 1-12-66 | L.C.K. | Call out fence.
1050 | 3-15-66 | L.C.K. | Added revised Aqueduct ℄.
1192 | 7-11-66 | Kowacz | Add Par #14-103-1
1503 | 3-27-67 | Kowacz | Total Sheets to 35
2318 | 6-14-69 | DWS | Added Numerous New Dykes.
2359 | 8-12-69 | J. Nez | Changed total sheets No. 35 to 36.
2472 | 1-2-70 | A.W.B. | Changed Sheet No. 36 to 37.
2914 | 5-5-71 | " | " " " 37 to 38
2999 | 7-13-71 | T.E.K. | Did C&S Rev.; Added dykes Sta 2944+50, 2949+50, 2954+50, 2959+50, 2964+50
PROJECT NO. 1-10-1(29)49
DRAWING NO. D-14-T-336
SHEET NO. 18 of 38
DRAWN BY E.V. KIEL
DATE COMP. Dec. 7, 1965
SCALE 1" = 100'
CONSULTANT JOHANNESSEN & GIRAND
FINALIZED
CHECKED BY.
HARD COPY. 6274 M12
NE 1/4 NW 1/4
NW 1/4 NE 1/4
SE 1/4 NW 1/4
SW 1/4 NE 1/4
SE 1/4 NE 1/4
NE 1/4 SW 1/4
NW 1/4 SE 1/4
NE 1/4 SE 1/4
T3N R13W
Approx. 1/16 Sec. Line
New Dyke Easement
P.O.T. 2941+00 5/8" I.P.
P.O.T. 2954+26.76 Brass Cap R.P's. 200' Lt. & Rt. 5/8" I.P.
Line
Sta. 2960+00 W.B. & E.B. New 43"x27" C.M.P. Arch
Sta. 2965+00 W.B. & E.B. New 43"x27" C.M.P. Arch
Slope Limit
New R/W
Constr. ℄ W.B.
S 79° 52' 23" E
Survey Line
Do Not Disturb
Constr. ℄ E.B.
Sta. 2940+00 W.B. & E.B. New 43"x27" C.M.P. Arch
Sta. 2945+00 W.B. & E.B. New 43"x27" C.M.P. Arch
Sta. 2950+00 W.B. & E.B. New 43"x27" C.M.P. Arch
Sta. 2955+00 W.B. & E.B. New 43"x27" C.M.P. Arch
New 5 wire fence.
Revised location of Aqueduct ℄.
Sta. 2970+00 W.B. & E.B. New 8'x4' Box Culv.
Match Sheet 17
Match Sheet 19
1/4 Sec. Line
Ariz. Interstate Stream Comm. Aqueduct (Approx. Location) (Original Location)
Approx. 1/4 Sec. Line
Approx. 1/16 Sec. Line
REDUCED SIZE DO NOT SCALE
Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Cattle out fence
1050	3-15-66	L.C.K.	Added toviard Aqueduct E.
1503	3-27-67	Yawacz.	Total Sheets to 35
2318	6-14-69	DWS	Added 'Do Not Disturb' Note
2359	8-12-69	J. Nez	Change total sheets No. 35 to 36.
2472	1-2-70	A.N.B.	Changed sheet No. 36 to 37
2014	5-5-71	"	" " " " 37 to 38
3626	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-I(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	19 of 39
DRAWN BY	J. L. VAN ORDER
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Land Surveyor Certificate No. 5 DALE WAYNE JOHNSON DEC. 31, 19 9-15-66 ARIZONA U.S.A.

FINALIZED

T3N ⊕ R13W

SE¼ NE¼ | SW¼ NW¼ | SE¼ NW¼

10 11 / 15 14

Sec. Cor. Fd. 2" Iron Pin with Brass Cap U.S. Dep't of Interior B.L.M. Cadastral 1963

2975 S 0°00'57" W 2640.06'

14-103

14-103-1

2970 | 2975 | 2980 | 2985 | 2990 | 2995 | 3000

Line | POT. 2971+00 5/8" I.P. | POT. 2975+95.27 Hub & Tack Sect. Tie | POT. 2981+88.85 Brass Cap E.P.'s 200' Lt. & Rt. 5/8" I.P. | POT. 2995+00 5/8" I.P. | Line

Sta. 2975+00 W.B. & E.B. New 8'x4' Box Culv.

Ariz. Interstate Stream Comm. Aquaduct (Approx. Location) (Original Location)

New R/W | Slope Limits | ¼ Sec. Line

Constr. ℄ W.B. | Survey Line | S 79° 52' 23" E

Do Not Disturb

Constr. ℄ E.B.

Slope Limits | New R/W

100' | 100' | 100' | 100' | 100' | 100'

15 ℄ 14

154.28'

¼ Cor. Fnd. 2" I.P. with Brass Cap U.S. Dept. of Interior B.L.M. Cadastral 1963

Sta. 2970+00 W.B. & E.B. New 8'x4' Box Culv.

Sta. 2980+00 W.B. & E.B. New 8'x4' Box Culv.

Sta. 2985+00 W.B. & E.B. New 8'x4' Box Culv.

Sta. 2990+00 W.B. & E.B. New 8'x4' Box Culv.

Sta. 2995+00 W.B. & E.B. New 8'x4' Box Culv.

Sta. 3000+00 W.B. & E.B. New 8'x4' Box Culv.

Match Sheet 18

Revised location of Aqueduct ℄

New 5 wire fence.

Revised location of Aqueduct ℄

Match Sheet 20

S 0°00'38" E 5281.03'

Approx ¼ Sec. Line

NE¼ SE¼ | NW¼ SW¼ | NE¼ SW¼

Sec. Cor. Fd. 2" Iron Pipe with Brass Cap U.S. Dep't of Interior B.L.M. Cadastral-1963

15 / 22 | 14 / 23

REDUCED SIZE DO NOT SCALE

CHECKED BY. John Hayes

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DIETZGEN 138 IMPERIAL NO 11-68

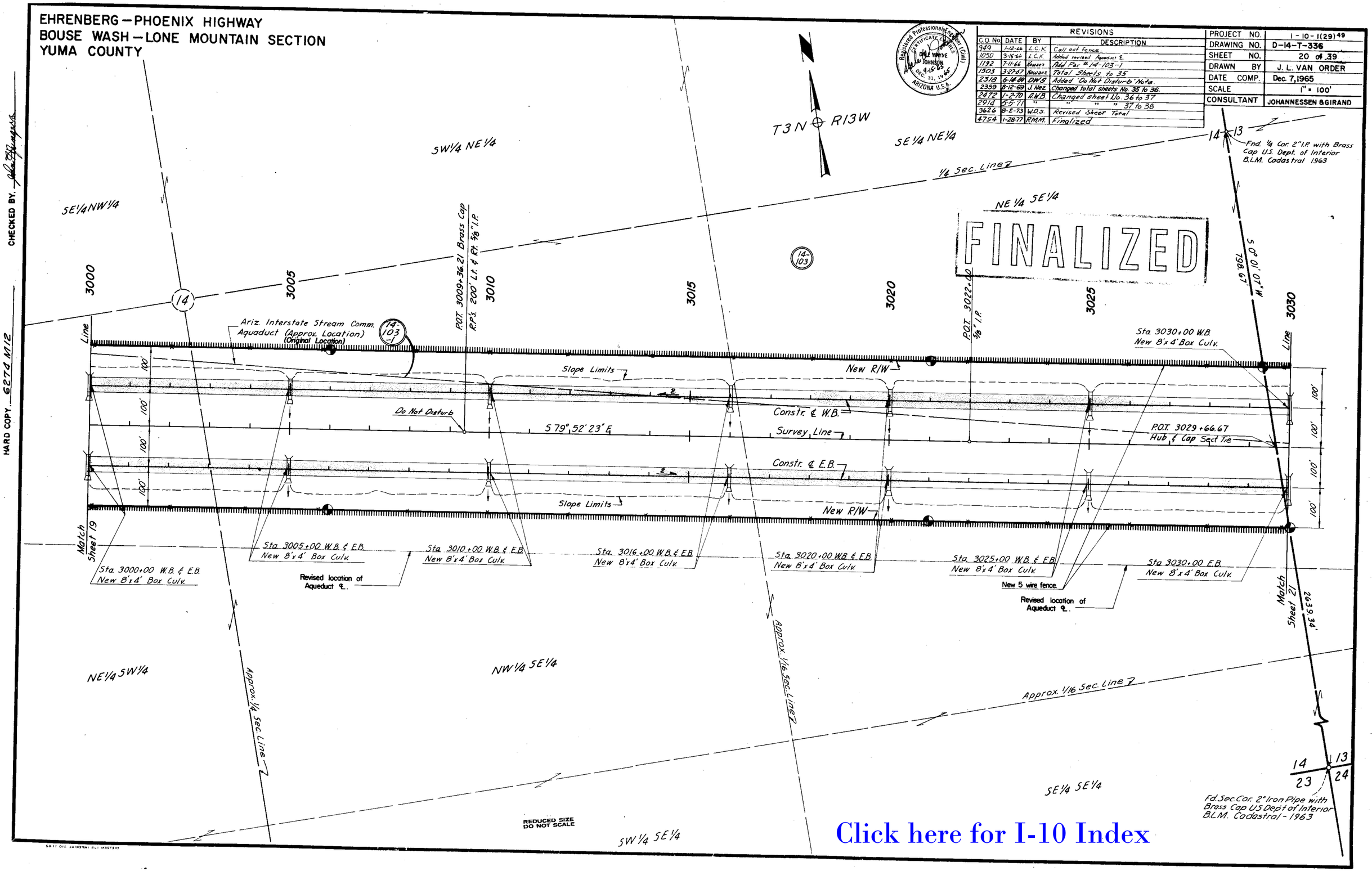
Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call out fence.
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄
1192	7-11-66	Nowacz	Add Par. # 14-103-1
1503	3-27-67	Nowacz	Total Sheets to 35
2318	6-14-69	DWS	Added 'Do Not Disturb' Note.
2359	8-12-69	J. Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	A.W.B.	Changed sheet No. 36 to 37
2914	5-5-71	"	" " " 37 to 38
3626	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	20 of 39
DRAWN BY	J. L. VAN ORDER
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) CERTIFICATE ENGINEER DALE WAYNE JOHNSON 4-15-65 DEC. 31, 1965 ARIZONA U.S.A.



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CHECKED BY.

HARD COPY 6274 M12

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EHRENBERG - PHOENIX HIGHWAY
BOUSE WASH - LONE MOUNTAIN SECTION
YUMA COUNTY

FINALIZED

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2318	6-14-89	DWS	Added Numerous Dykes
2344	7-12-69	RL	Moved Box Culv. From 3040+00 to 3040+50
2d T2	1-2-70	R.W.B.	Changed Sheet No. 36 to 37
2914	5-5-71	"	" " " 37 to 38
2999	7-13-71	TEK	Did C.L.S. Rev. Added dykes Sta's 3034±, 3039±,
"	"	"	3044±, 3050+50, 3035+50
3626	8-7-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Changed R/W. Line beg. & cattle out fence.
1030	3-1-66	R.R.	Added Culvert 2 New #2 Gates Rt. & Lt.
"	"	"	Sta. 3039+00.
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄.
1192	7-11-66	Kovacs	Add Par #14-103-1
1303	9-27-67	Kovacs	Total Sheets to 35
2359	8-12-69	J. Nez	Changed total sheets No. 35 to 36.

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	21 of 39
DRAWN BY	R. KIMBELL
DATE COMP.	Dec. 7, 1965
SCALE	1"=100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) — Certificate No. 5185 — Dale Wayne Johnson — Dec. 31, 1965 — Arizona U.S.A.

CHECKED BY. John T. Symms

HARD COPY. 6274 M12

T3N R13W

1/4 Sec. Line

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

13

Fd. 1/4 Cor. 2" Iron Pipe with Brass Cap U.S. Dept of Interior B.L.M. Cadastral - 1963

2639.34'
1980.67'

Line

3030 | 3035 | 3040 | 3045 | 3050 | 3055 | 3060

POT. 3035+66.86 Brass Cap R.P.'s 200' Lt & Rt. 5/8" I.P.

POT. 3048+00 5/8" I.P.

3049+30 | 3049+90 | 3054+30 | 3054+90 | 3059+30 | 3059+90

New Dyke Easement — 850' — New Dyke Easement

New Dyke Easement — 850' — New Dyke Easement

Sta. 3030+00 W.B. & E.B.
New 8'x4' Box Culv.

N10°01'37"E 3038.40

New #2 Gate

S10°01'37"W 3039.10

Sta. 3044+00 W.B. & E.B.
New 8'x4' Box Culv.

Sta. 3060+00 W.B. & E.B.
New 43"x27" C.M.P. Arch

20' | 130' | 20'

Slope Limit — New R/W

Constr. ℄ W.B.

100' | 100' | 100' | 100' | 100' | 100'

Survey Line

S 79°52'23" E

Do Not Disturb

Constr. ℄ E.B.

Slope Limit — New R/W

Match Sheet 20

Sta. 3034+00 W.B. & E.B.
New 8'x4' Box Culv.

Sta. 3039+00 W.B. & E.B.
New 10'x8' Box Culv.
Cattle Pass
New Type 2 Gates Lt. & Rt.

S10°07'37"W 3038.40 | New #2 Gate | 130' | 3039.10 N10°07'37"E | 20'

Sta. 3040+50 W.B. & E.B.
New 8'x4' Box Culv.

Revised location of Aqueduct ℄.

Sta. 3050+00 W.B. & E.B.
New 43"x27" C.M.P. Arch

Sta. 3055+00 W.B. & E.B.
New 43"x27" C.M.P. Arch

New 5 wire fence.

Match Sheet 22

Approx 1/16 Sec. Line

S0°01'07"W

Ariz. Interstate Stream Comm.
Aqueduct (Approx. Location)
(Original Location)

14-103-1

5E1/4 SW1/4

Approx. 1/4 Sec. Line

5W1/4 SE1/4

5W1/4 SW1/4

Approx 1/16 Sec. Line

14 | 13 | 23 | 24

Fd. Sec. Cor. 2" Iron Pipe with Brass Cap U.S. Dept of Interior B.L.M. Cadastral - 1963

REDUCED SIZE DO NOT SCALE

EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

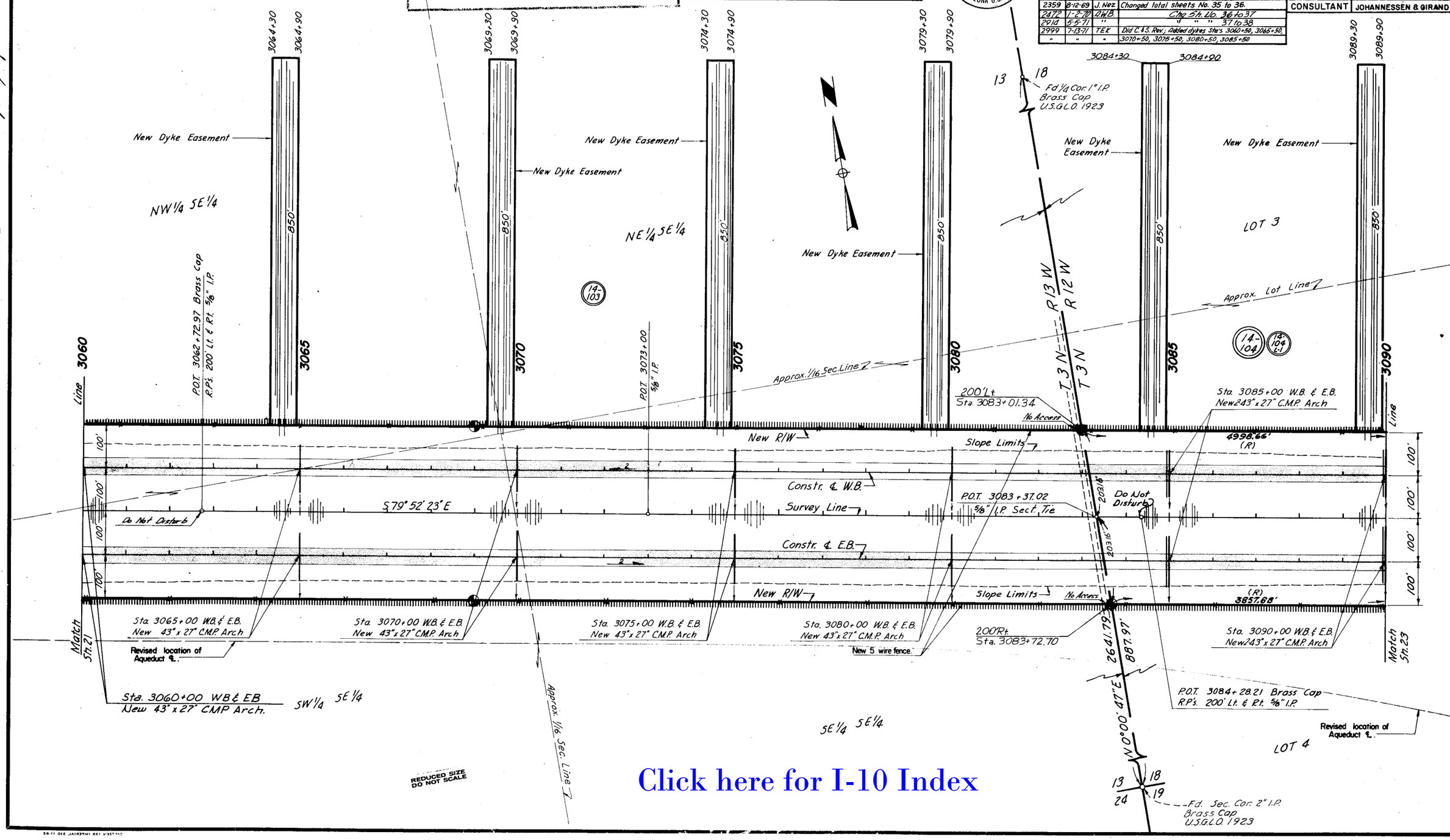
FINALIZED

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
626	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call and fence.
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄.
1503	3-27-67	Nawacz	Total Sheets to 35
1782	11-13-67	T.W.M.	Added Dist. on Parcel 14-104
2318	6-14-69	DWS	Added Numerous New Dykes.
2344	7-12-69	RE	Added CMP Arch Sta 3060+00
2359	8-12-69	J. Nez	Changed total sheets No. 35 to 36.
2472	1-2-70	A.W.B.	Chg Sh. No. 36 to 37
2914	5-5-71	"	" " " 37 to 38
2999	7-13-71	TEK	Did C. & S. Rev.; Added dykes Sta's 3060+50, 3065+50, 3070+50, 3075+50, 3080+50, 3085+50
"	"	"	

PROJECT NO.	I 10 1(29) 49
DRAWING NO.	D-14-T-336
SHEET NO.	22 of 39
DRAWN BY	E.V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) CERTIFICATE NO. 9-16-65 DALE WAYNE JOHNSON DEC. 31, 1965 ARIZONA U.S.A.



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HARD COPY 6274 M12

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EHRENBERG — PHOENIX HIGHWAY
BOUSE WASH — LONE MOUNTAIN SECTION
YUMA COUNTY

CHECKED BY: John Stephens

HARD COPY: 6274 M/2

REVISIONS (cont.)

CO. No.	DATE	BY	DESCRIPTION
2999	7-13-71	TEK	Did C.&S. Rev.; Added dykes at Stns. 3090+50, 3095+50,
"	"	"	3100+50, 3105+50, 3110+50, 3115+50
3626	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized

REVISIONS

C.O. No.	DATE	BY	DESCRIPTION
926	1-12-66	L.C.K.	Cal-cut fence.
1050	3-15-66	L.C.K.	Added revised Aqueduct ℄
1503	3-27-67	Nunez	Total Sheet to 35
1786	11-13-67	T.M.M.	Added Dist. on Parcel 14-104
2350	6-14-68	D.W.S.	Added Numerous New Dykes.
2359	8-12-68	J. Nez	Changed total sheets No. 35 to 36.
2872	12-70	R.M.B.	Changed Sheet No. 36 to 37
2914	5-5-71	A.W.B.	" " 37 to 38

Registered Professional Engineer (Civil) — Certificate No. 5135 — Dale Wayne Johnson — Dec. 31, 1976 — Arizona U.S.A.

PROJECT NO.	I 10 1 (29) 49
DRAWING NO.	D-14-T-336
SHEET NO.	23 of 39
DRAWN BY	E.V. KIEL
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRARD

T3N R12W

3094+30 3094+90 3095 3099+30 3099+90 3100 3104+30 3104+90 3105 3109+30 3109+90 3110 3114+30 3114+90 3115 3119+30 3119+90 3120

New Dyke Easement — 850' — LOT 3

Approx. 1/16 Sec. Line

NE 1/4 SW 1/4 — SE 1/4 SW 1/4 — NW 1/4 SE 1/4 — SW 1/4 SE 1/4

14-104 — 10-104 E-1

Approx. 1/4 Sec. Line

New Dyke Easement

POT. 3117+72.02 Brass Cap R.P.s 200 L.H. Ref. 3/8" I.P.s

Sta. 3090+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Sta. 3095+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Sta. 3105+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Sta. 3110+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Match Sh. 22

Slope Limits — Constr. ℄ W.B. — Constr. ℄ E.B. — Slope Limits

S.79° 52' 23"E — Survey Line

4998.66' (R)

New R/W — New R/W

Do Not Disturb

100' 100' 100' 100' 100' 100' 100' 100'

3857.08' (R)

Sta. 3100+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Sta. 3115+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

New 5 wire fence.

POT. 3100+00 5/8" I.P.

S.89° 59' 08"E. (Calc.) 2642.73'

Sta. 3120+00 W.B. & E.B. New 2-43"x27" C.M.P. Arch

Match Sh. 24

18 19 Ed. 1/4 Cor. 1" I.P.& Brass Cap U.S.G.L.O. 1923

LOT 4 — Revised location of Aqueduct ℄ — Approx. Lot Line — LOT 1

NE 1/4 NW 1/4 — NW 1/4 NE 1/4

REDUCED SIZE DO NOT SCALE

FINALIZED

Click here for I-10 Index

EHRENBERG – PHOENIX HIGHWAY
BOUSE WASH – LONE MOUNTAIN SECTION
YUMA COUNTY

HARD COPY 6274M12 CHECKED BY

REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
949	1-12-66	L.C.K.	Call out items on R/W line and crossroad.
1503	3-27-67	Nowacki	Total Sheets to 35
1782	11-15-67	T.M.M.	Changed dist. & Brg. Equs. on Par. 14-104
2318	6-14-68	DWS	Added New Dykes.
2344	7-12-69	TE	Added CMP Arch Sta 3120+00
2359	8-12-69	J. Nez	Changed total sheets No. 35 to 36.

NOTE: SEE REVISION BLOCK FOR CONTINUATION

PROJECT NO.	I-10-1(29)49
DRAWING NO.	D-14-T-336
SHEET NO.	24 of 38
DRAWN BY	M. NEILAN
DATE COMP.	Dec. 7, 1965
SCALE	1" = 100'
CONSULTANT	JOHANNESSEN & GIRAND

Registered Professional Engineer (Civil) — CLIFFORD CATES WAY JOHNSON — DEC. 31, 1969 — ARIZONA U.S.A.

SORE FINGER GRADE SEPARATION
CROSS ROAD OVER

3124+30 | 3124+90 | 3125 | 3120 | 3130 | 3140

New Dyke Easement

Approx 1/16 Sect. Line

New R/W (1970) *

N51°17'11"E 1230.75'

T3N R12W

850

N10°07'37"E 400.00

SW¼ SE¼ | SE¼ SE¼ | 15

Sta. 3120+00 WB & EB
New 2-43"x27" CMP Arch

Sta. 3125+00 W.B. & E.B.
New 2-43"x27" C.M.P. Arch

Sta. 20+00 Cross Rd.
Sta. 3134+00 Survey Line

4928.66' (R)

℄ New R/W
Constr. ℄ W.B.
Survey Line
S79°52'23"E
Constr. ℄ E.B.
(R) New R/W
Slope Limits
100' | 100' | 100' | 100' | 100' | 100'

Fd. ¼ Cor. 1" I.P. & Brass Cap U.S.G.L.O. 1923

N0°00'02"E Abd. 2642.28'

N1°02'48"W Bk.

LTB = N46°22'23"E

New 5 wire fence

R=863.94' L=546.54'

200'±350' Lt. Sta. 3133+00 Survey Line

New R/W

Slope Limits

P.T. 16+50.00 Cross Rd.

N10°07'37"E 150.00'(R)

332.41' (R)

LTB = N26°10'58"E

Δ = 50° Lt.
R = 763.94'
T = 356.23'
L = 666.67'

P.C. 9+83.33

New 5 wire fence

S.79°52'23"E. Bk. = Brg. Equa. S.79°49'33"E. Ahd.

200'±350' Lt. Sta. 3135+00 Survey Line

R=863.94' L=186.05'

New R/W

Slope Limits

N10°07'37"E 150.00'(R)

85.77' (R)

265.67'

47.39'

230.54' (R)

Fd. Sec. Cor. 2" I.P. & Brass Cap U.S.G.L.O. 1923

S 79°49'33"E

S.89°59'08"E. 1404.73' (R.)
2642.73'

Sta. 3133+51.75
5/8" I.P.

Sta. 3132+00 W.B. & E.B.
New 43"x27" C.M.P. Arch

New 5 wire fence.

Sta. 3127+00 W.B. & E.B.
New 43"x27" C.M.P. Arch

P.C. 23+50.00 Cross Rd.

N10°07'37"E 150.00'(R)

New R/W

Slope Limits

200'±350' Rt. Sta. 3135+00 Survey Line

R=863.94' L=376.97'

P.O.T. 31+36+21.66

200' Lt. Perp. Sta. 3130+97.55 = 2642.65

N0°00'02"E Abd.

Fd. ¼ Cor. 1" I.P. & Brass Cap U.S.G.L.O. 1923

Match Sh. 23

200' Rt. Perp. Sta. 3128+30.00

P.O.T. Sta. 3125+00.00

Δ = 25° Rt.
R = 763.94'
T = 169.36'
L = 333.33'

NE¼ NE¼ P.T. 26+83.33 Cross Rd. Match Line Above Rt.

NW¼ NE¼

I-10-1(30)49
End Constr. Proj.

I-10-1(46)
End Constr. Proj
(Surf. & Drain)

I-10-1(33)59
BEGIN CONSTR. PROJ.

I-10-1(29)49
END R/W PROJ.

I-10-1(32)59
BEGIN R/W PROJECT

REDUCED SIZE
DO NOT SCALE

L.T.B. N.35°07'37"E.

P.T. 26+83.33 Cross Rd.
Match Line Below Lt.

N26°09'16"E 320.59' (R)

N44°05'58"E 320.59' (R)

5 Wire Fence

Sta. 30+00 Cross Rd.
New 4 unit C.Gd. with gate.

N35°07'37"E 158.24' (R)

N35°07'37"E 158.24' (R)

P.C. 31+58.24 Cross Rd.

New R/W
R=1959.86'
L=205.28'

Slope Limits

N29°07'37"E 190' (R)

New R/W
R=1859.86'
L=194.76'

Slope Limits

Δ = 6° Lt.
R = 1909.86'
T = 100.09'
L = 200.00'

P.T. 33+58.24 Cross Rd.

N60°52'23"W 100' (R)

N1°02'48"W Bk. 2642.65'

N0°00'02"E Ahd.

14-104

FINALIZED

NOTE: The Construction Plans And Hard Copy 6274M12 Show A Bearing Equation (S79°52'23"E Bk. = S79°49'33"E Ahd.) At Med. ℄ Sta. 3125+00.00. For R/W Purposes, However, All Datum Show In Sections 18 & 19 On This Sheet Is Based On The Back Bearing Of S79°52'23"E.

* : New R/W (1970) - was acquired under Proj. I-10-1(32)

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2872	1-2-70	A.W.B.	Changed Sheet No. 36 to 37
2914	4-15-71	C.S.C.	Added New R/W (1970) Chg. Sh. No. 37 to 38
2999	7-14-71	T.E.K.	Did C. & S. Rev., Added dykes Sta 3120+50 & 3125+50
3626	8-2-73	W.D.S.	Revised Sheet Total
4754	1-28-77	R.M.M.	Finalized