BLACK & VEATCH

2111 East Highland Ave, Suite 305, Phoenix, Arizona 85016, (602) 381-4400, Fax: (602) 381-4440

Flood Control District of Maricopa County
Wickenburg ADMS FCD 89-79

B&V Projects 17676/1197
B&V File L.1
January 10, 1993

Mr. Greg Rodzenko
Flood Control District of Maricopa County
2801 W. Durango
Phoenix, Arizona 85009

Subject: Structure Survey Data

Dear Mr. Rodzenko:

Attached are Volumes I, II, and III of the Structure Survey Data collected and prepared by McLain-Harbers Co., Inc., for all hydraulic structures in the Wickenburg ADMS West Area. Structure survey data for the East Area prepared by Morrison - Maierle/CSSA was submitted under separate cover.

Although a significant amount of the data was not used specifically in the detailed hydraulic analyses, all data collected by McLain-Harbers is included with this transmittal. Examples of information included but not used are Casandro Wash (AC), local ponding at AT&SF RR (AJ), and numerous miscellaneous off-channel structures.

Very truly yours,

BLACK & VEATCH

Timothy K. Meyer, P.E.
Project Engineer

Enclosures

cc: David R. Mahaffay
David W. Dust

WICKENBURG ADMS FCD 89-79
WEST AREA STRUCTURE SURVEY DATA
VOLUMES I, II, AND III

Contents

Wash Name	Contract Designation	Structure Numbers
VOLUME I		
Amir Wash	A	1 - 3
Flying E Wash and Tributaries	AB	1 - 23
Casandro Wash	AC	1 - 15
Sunset Wash	AD	1 - 10
Sunny Cove Wash	AE	1 - 4
VOLUME II		
Sunny Cove Wash	AE	5 - 19
Unnamed Wash #10	AG	1 - 2
Unnamed Sols Wash Tributaries [1]	AH	1 - 4
Hartman Wash	AI	1 - 16
Ponding near AT&SF RR	AJ	1 - 13
VOLUME III		
Ponding near AT&SF RR	AJ	14 - 36
Unnamed Wash #14	Q	1
Cemetery Wash	R	1 - 6
Miscellaneous Off-channel Structures	(US)	1 - 5
Turtleback Wash	W	1
Unnamed Sols Wash Tributary AH3 [1]	(X)	1 - 2
Miscellaneous Off-channel Structures	(Y)	1 - 2
Miscellaneous Off-channel Structures	(Z)	1 - 2

1 Data for Sols Wash Tributaries is found in both Volumes II and III.

Property of
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2801 W. Durango
Phoenix, AZ 85009

Flood Control District of Maricopa County
Contract FCD 89-79

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

WICKENBURG AREA DRAINAGE MASTER STUDY

WEST AREA
STRUCTURE SURVEY DATA

VOLUME I

BLACK & VEATCH
Progress By Design
Project No. 17676

COE & VAN LOO
PLANNING • ENGINEERING
LANDSCAPE ARCHITECTURE
CVL No. 1197-02

January 1993

BLACK & VEATCH

2111 East Highland Ave, Suite 305, Phoenix, Arizona 85016, (602) 381-4400, Fax: (602) 381-4440

Flood Control District of Maricopa County
Wickenburg ADMS FCD 89-79

B&V Projects 17676/1197
B&V File L.1
January 10, 1993

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Flood Control District of Maricopa County
2801 W. Durango
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Although a significant amount of the data was not used specifically in the detailed hydraulic analyses, all data collected by McLain-Harbers is included with this transmittal. Examples of information included but not used are Casandro Wash (AC), local ponding at AT&SF RR (AJ), and numerous miscellaneous off-channel structures.

Very truly yours,

BLACK & VEATCH

Timothy K. Meyer, P.E.
Project Engineer

Enclosures

cc: David R. Mahaffay
David W. Dust

WICKENBURG ADMS FCD 89-79
WEST AREA STRUCTURE SURVEY DATA
VOLUMES I, II, AND III

Contents

Wash Name	Contract Designation	Structure Numbers
VOLUME I		
Amir Wash	A	1 - 3
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Casandro Wash	AC	1 - 15
Sunset Wash	AD	1 - 10
Sunny Cove Wash	AE	1 - 4
VOLUME II		
Sunny Cove Wash	AE	5 - 19
Unnamed Wash #10	AG	1 - 2
Unnamed Sols Wash Tributaries [1]	AH	1 - 4
Hartman Wash	AI	1 - 16
Ponding near AT&SF RR	AJ	1 - 13
VOLUME III		
Ponding near AT&SF RR	AJ	14 - 36
Unnamed Wash #14	Q	1
Cemetery Wash	R	1 - 6
Miscellaneous Off-channel Structures	(US)	1 - 5
Turtleback Wash	W	1
Unnamed Sols Wash Tributary AH3 [1]	(X)	1 - 2
Miscellaneous Off-channel Structures	(Y)	1 - 2
Miscellaneous Off-channel Structures	(Z)	1 - 2

1 Data for Sols Wash Tributaries is found in both Volumes II and III.

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. A-1

LOCATION/ADDRESS PRIVATE DIRT RD.

NAME OF WASH A

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P				
WOOD B.		20.5 FT.	± 3.5 FT.	PRIVATE
OTHER				

STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS : YES □, NO ■, COND. ___

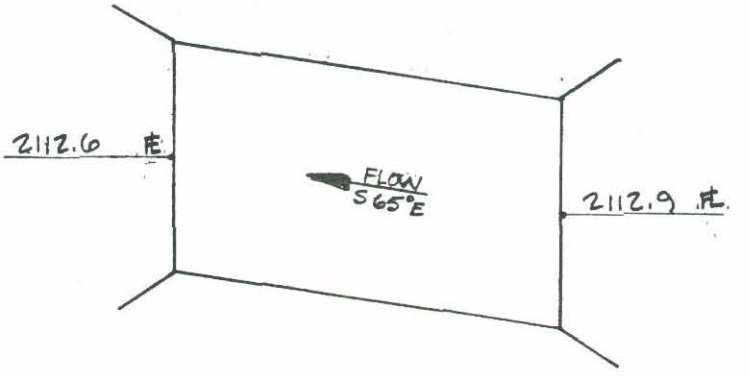
WINGWALLS : YES ■, NO □, COND. GOOD

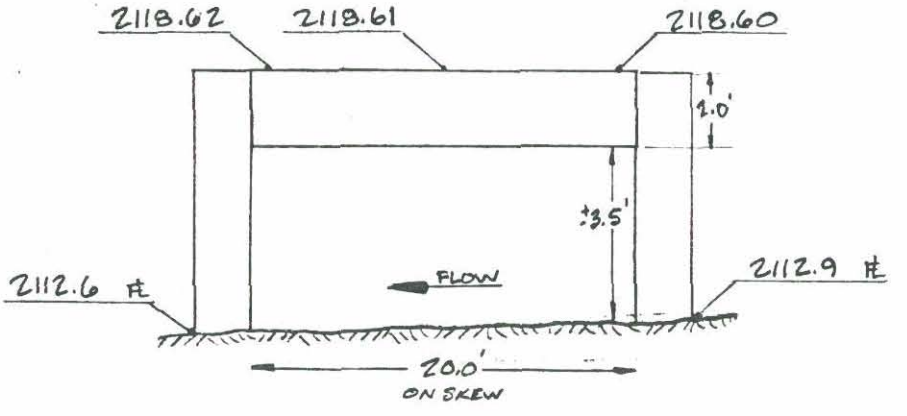
DEPTH OF AVAILABLE HEADWATER:

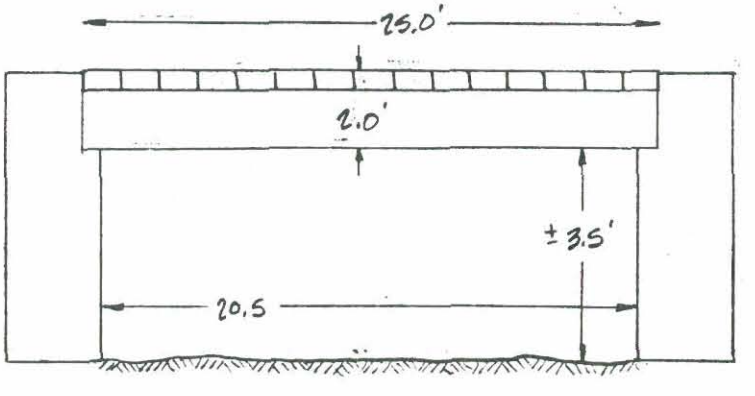
± 5.7 FT.

NO. OF SPANS OR BARRELS:

1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM A-1	5.76			2118.65
A		5.81	2118.60	
B		11.5	2112.9	
C		5.79	2118.62	
D		11.8	2112.6	
T.P.		5.49		
X	5.63			
TBM A-1		5.96	2118.65	2118.65

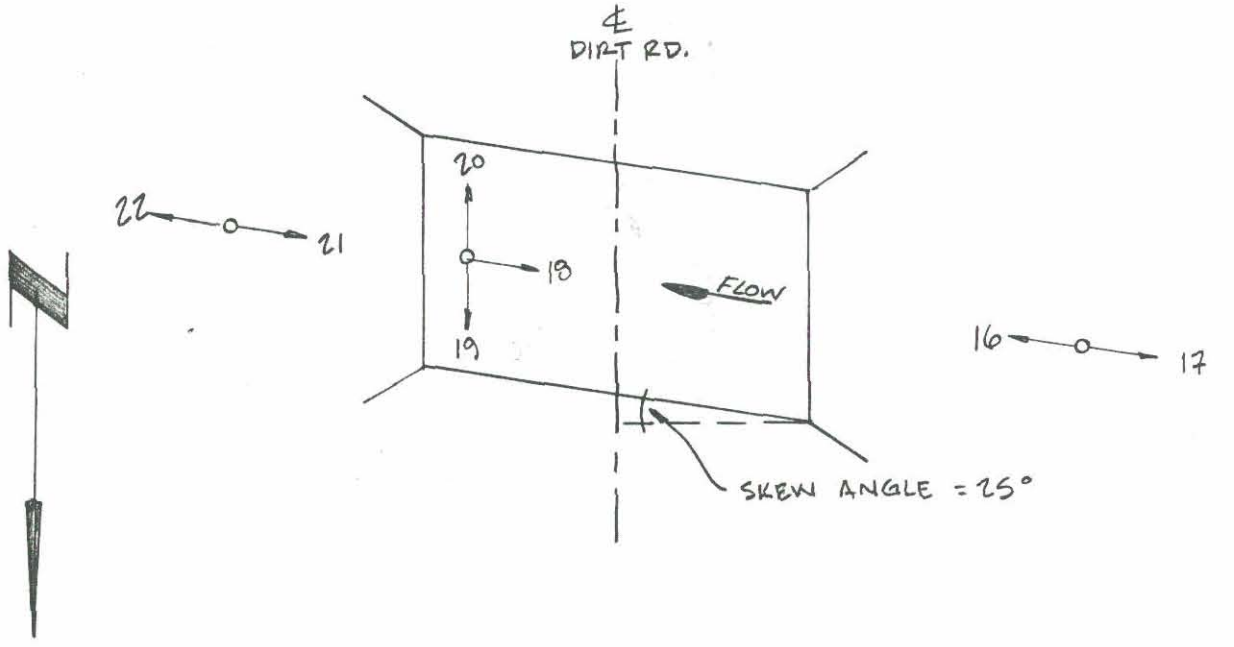
K•E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

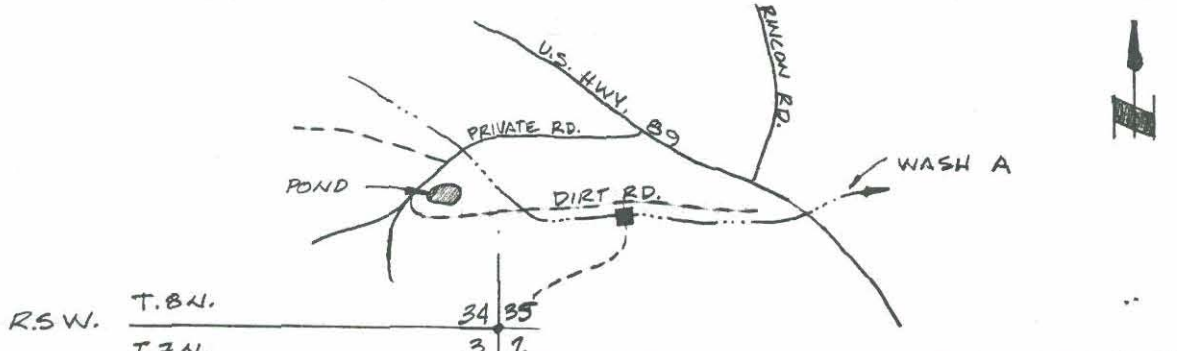
STRUC. NO. A-1

DIRECTION OF PHOTO ○⟶ & FRAME NO. ROLL NO. 31



SPECIAL NOTES:

T.B.M. A-1 IS A CHISLED "+" ON CONC. WINGWALL AT S.W. COR. OF STRUCTURE.

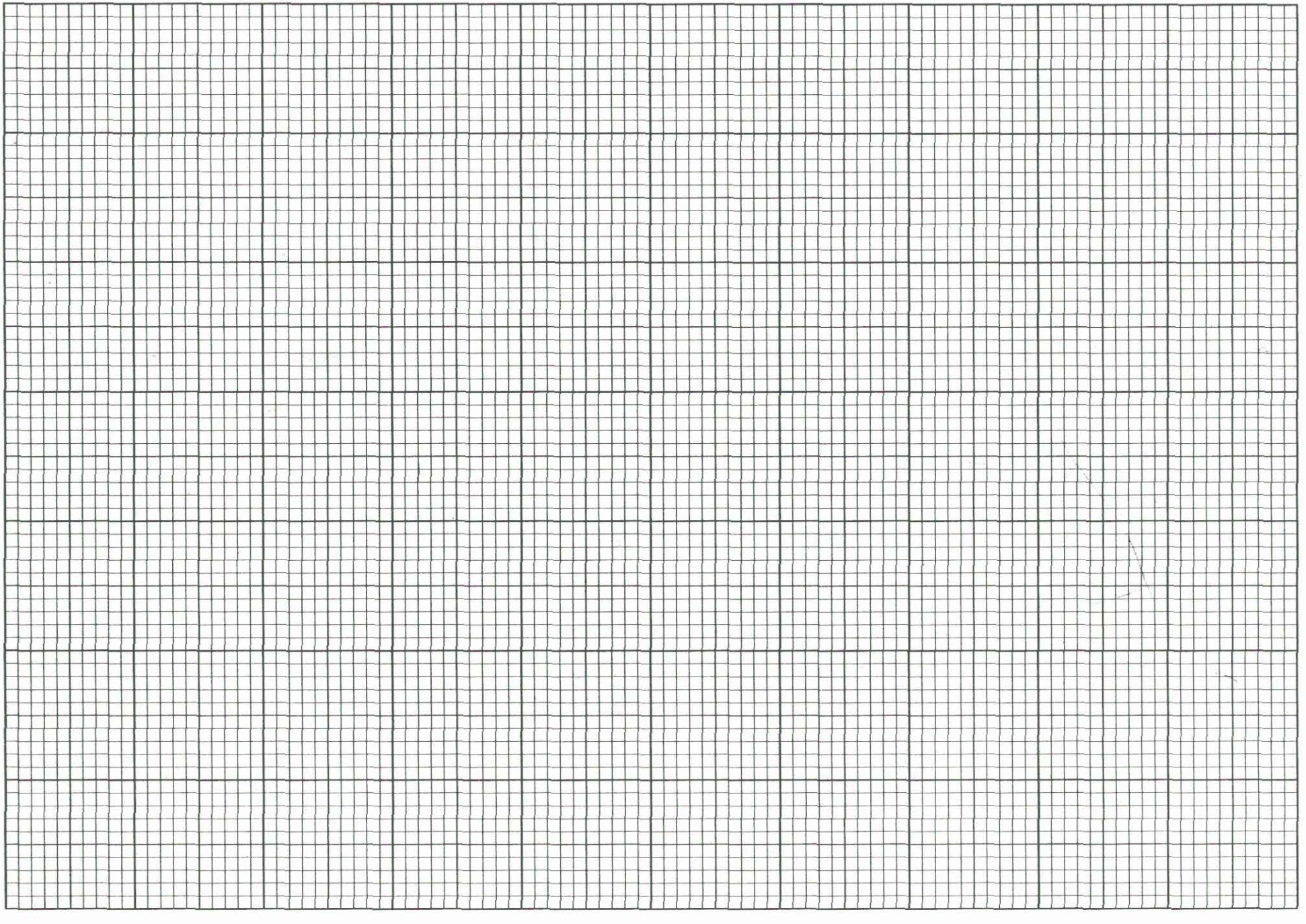


LOCATION MAP

DATE: DEC. 5 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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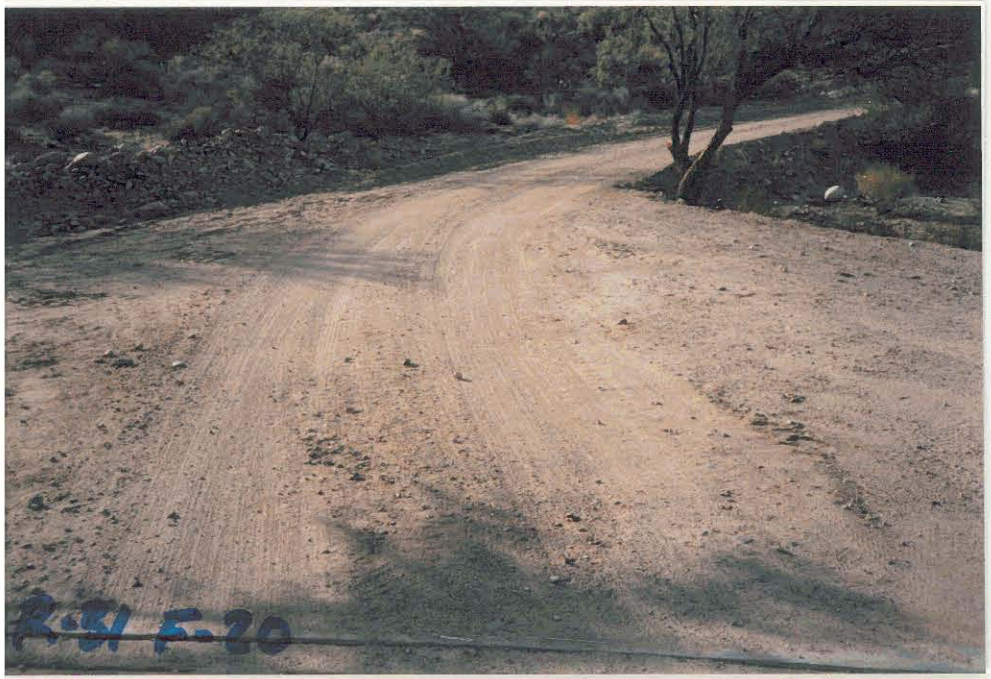
STOCK# PPV840-000


R-31 F-20

R-31 F-21
A-1

R-31 F-22

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. A-2

LOCATION/ADDRESS U.S. HWY. 89, ± 400 FT. SOUTH OF RINCON RD.

NAME OF WASH A

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		10.0 FT.	10.0 FT	A.D.O.T.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

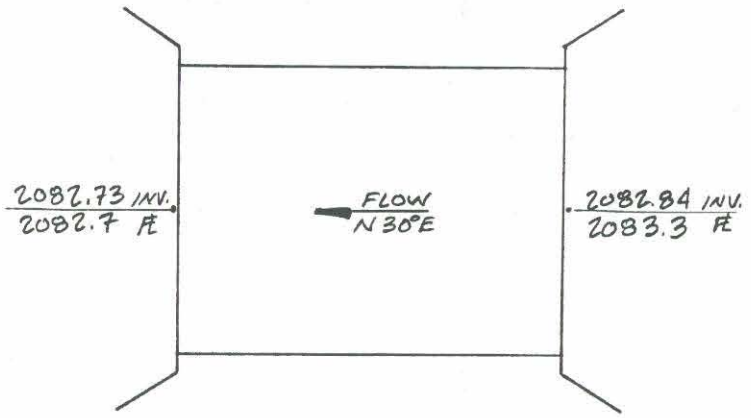
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

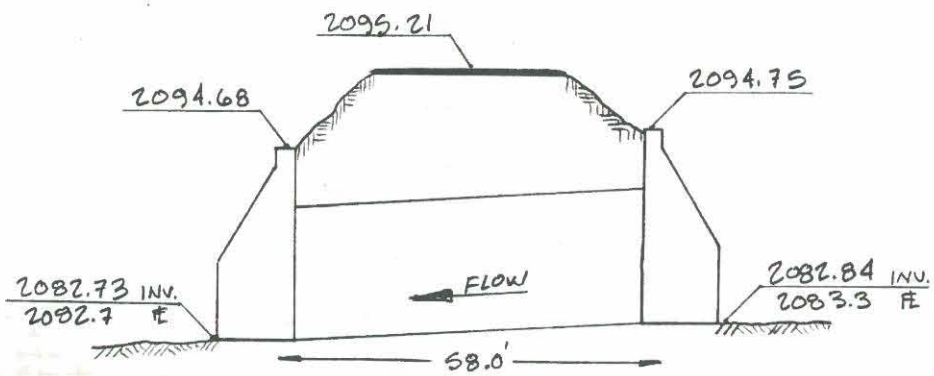
HEADWALLS : YES ■, NO ☐, COND. FAIR

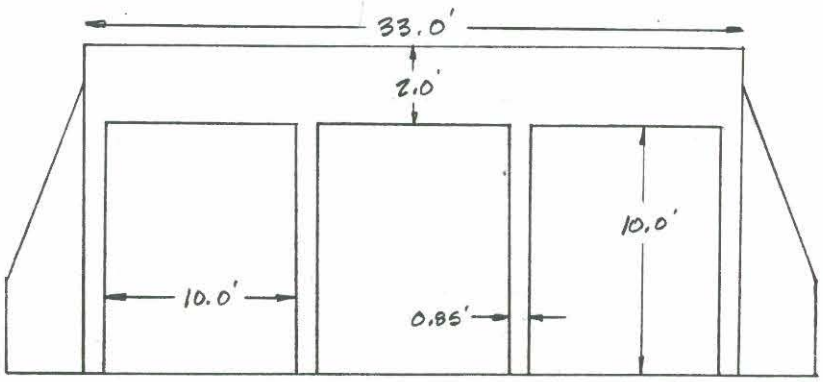
WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 12.0 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM A-2	4.99			2094.75
A		16.4	2083.3	
B		16.90	2082.84	
C		4.53	2095.21	
D		5.06	2094.68	
E		17.01	2082.73	
F		17.0	2082.7	
T.P.		5.05		
X	4.165			
TBM A-2		4.59	2094.75	2094.75

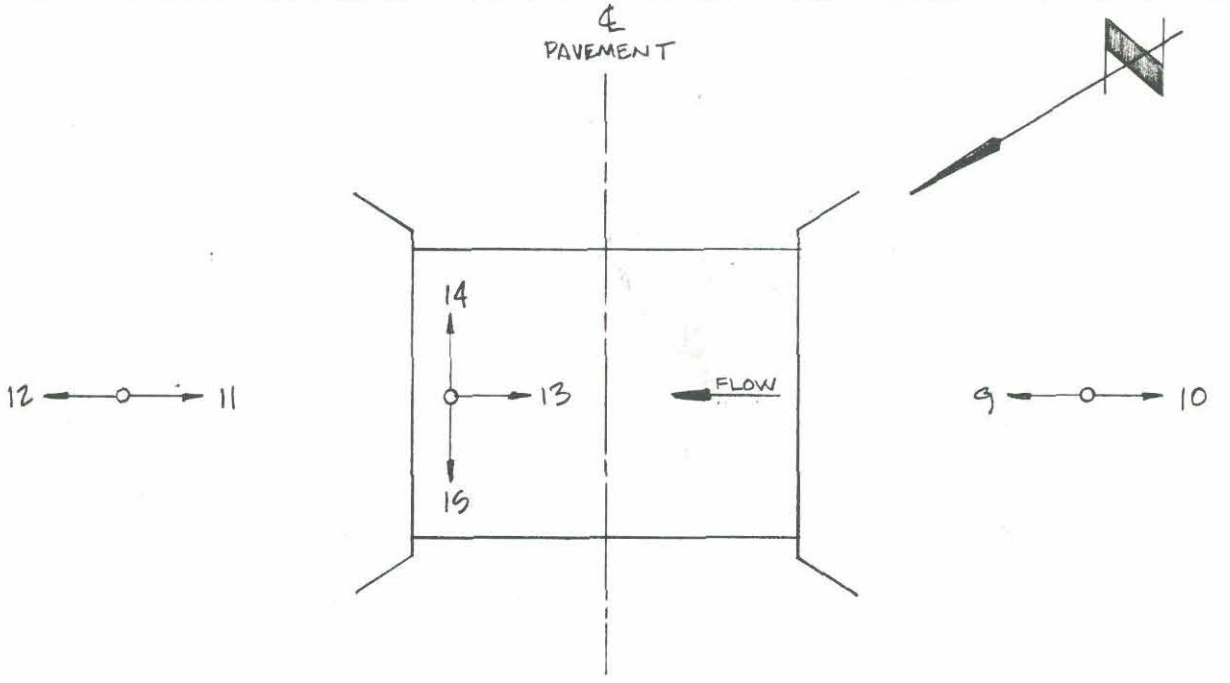
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

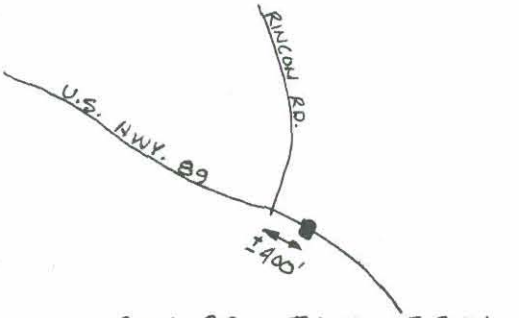
STRUC. NO. A-2

DIRECTION OF PHOTO ⟶ 7 & FRAME NO. ROLL NO. 31



SPECIAL NOTES:

T.B.M. A-2 IS AN A.H.D. BRASS CAP MKD; "STA. 910+46.66"
"EL. 2095.34"
" 1963"
LOCATED ON WEST HEADWALL OF STRUCTURE.



SEC. 35, T.8N., R.5W.
LOCATION MAP

DATE: DEC. 5 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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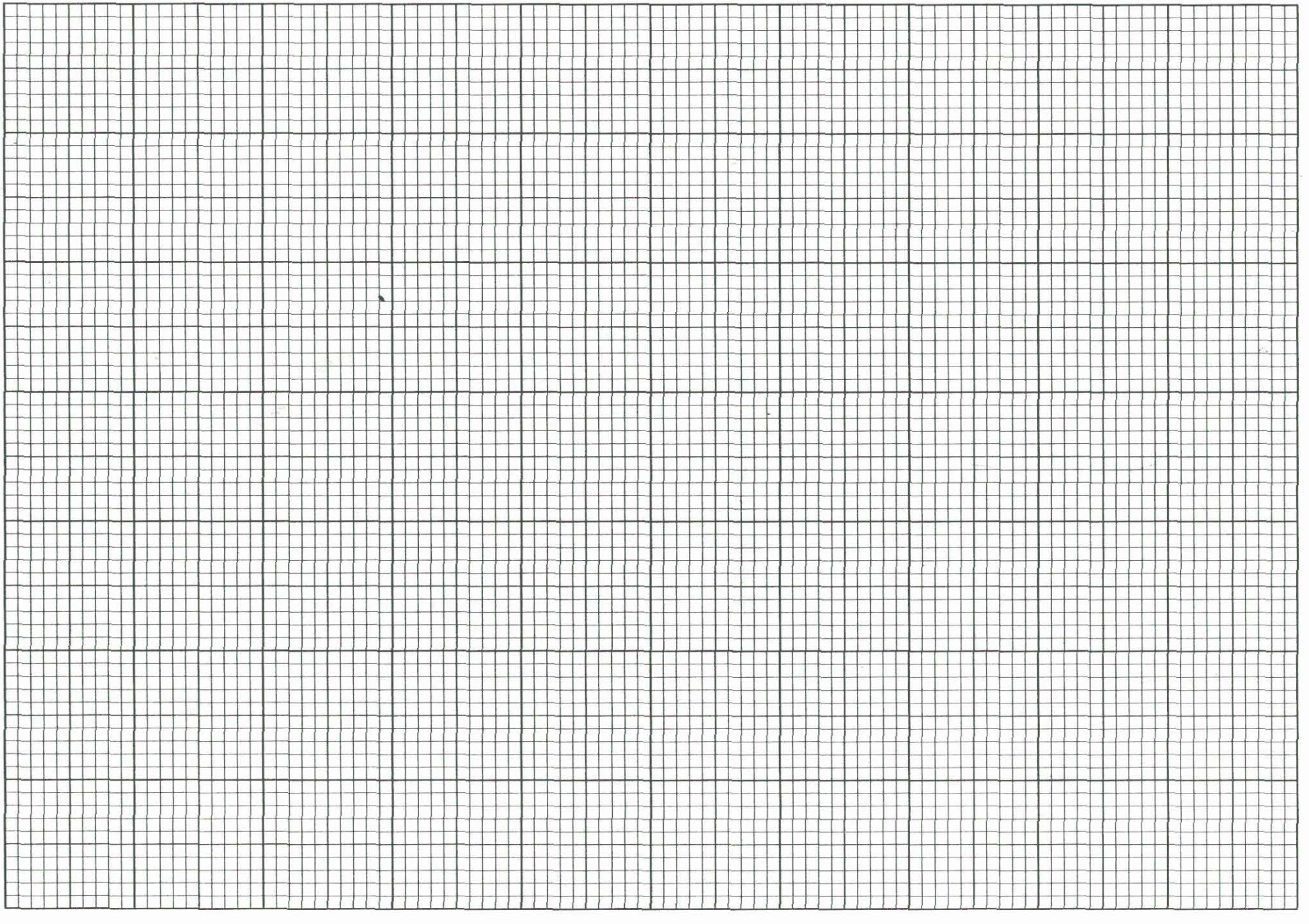

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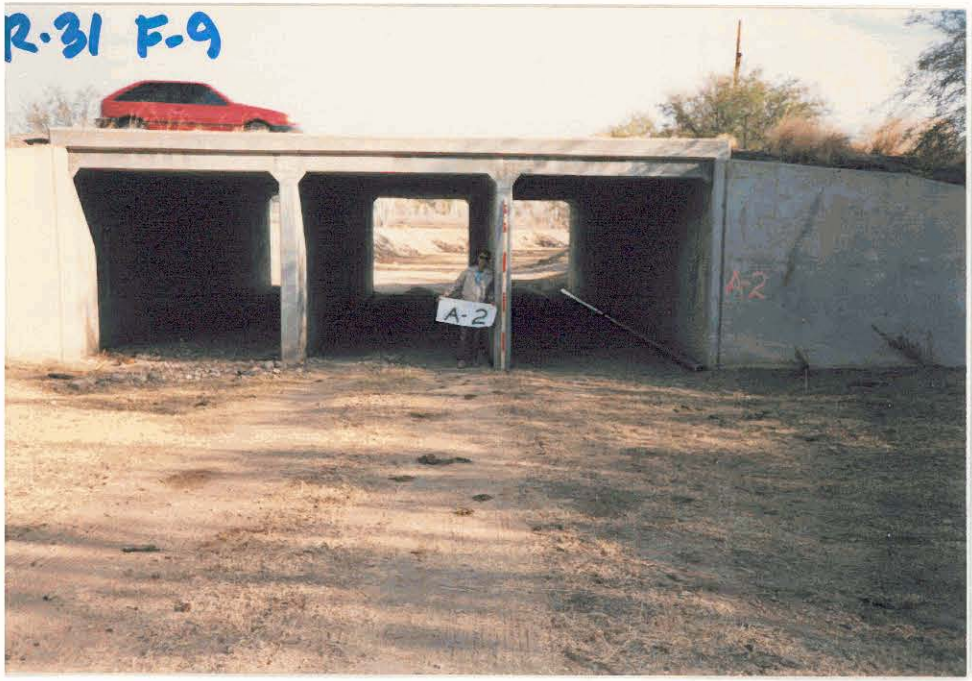
STOCK# PPV840-000

R-31 F-9

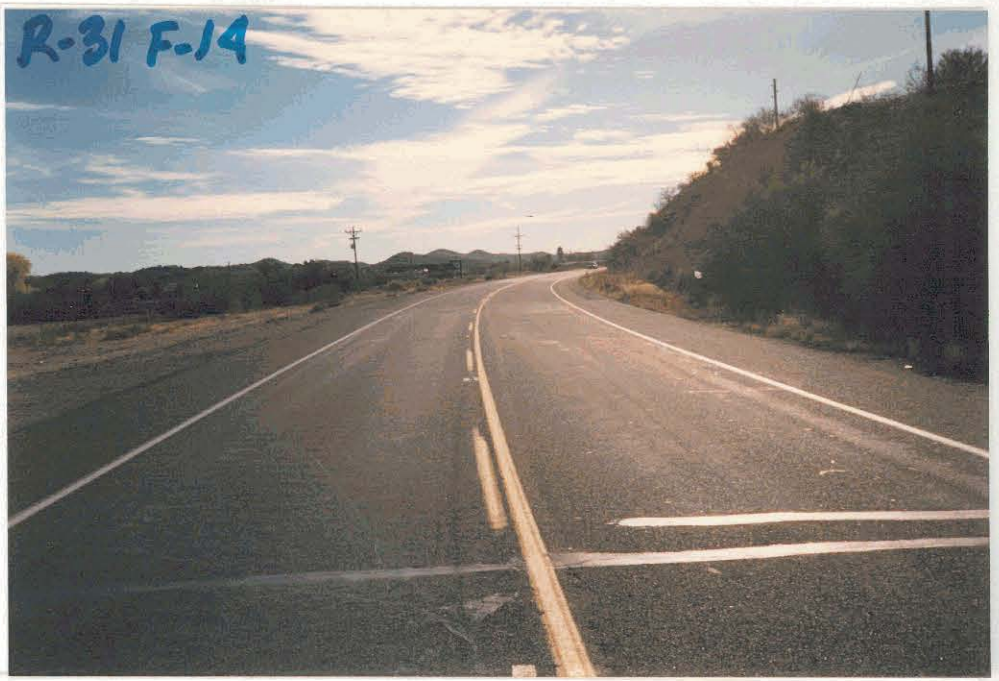


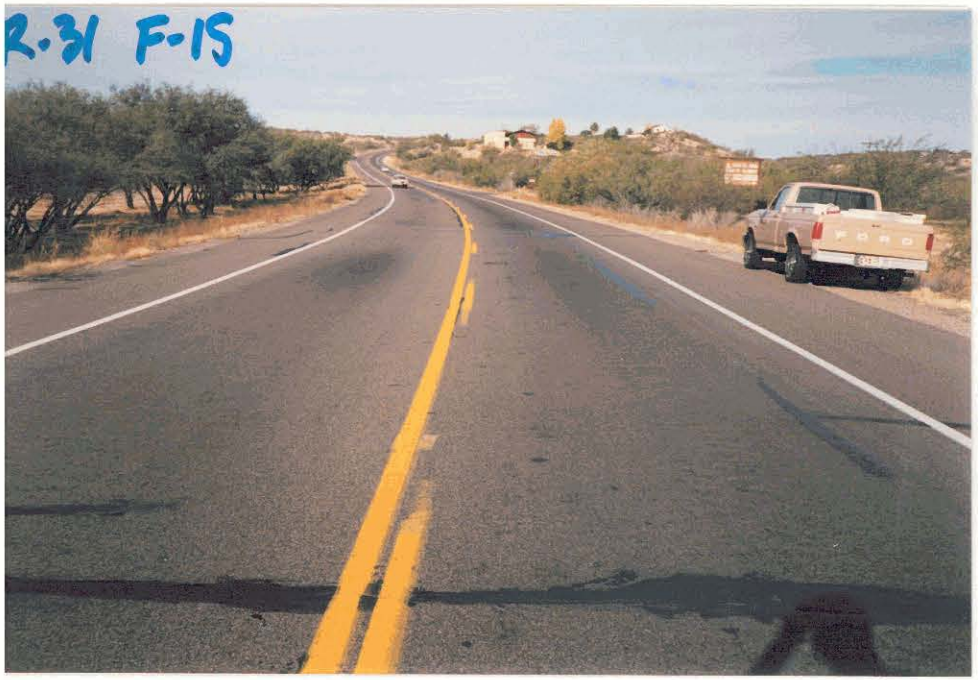
R-31 F-10

R-31 F-11

R-31 F-12

R-31 F-13


R-31 F-14


R-31 F-15
FORD

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. A-3

LOCATION/ADDRESS U.S. HWY. 89, JUST NORTH OF ROSE LN.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		4.0 FT.	3.0 FT.	A.D.O.T.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

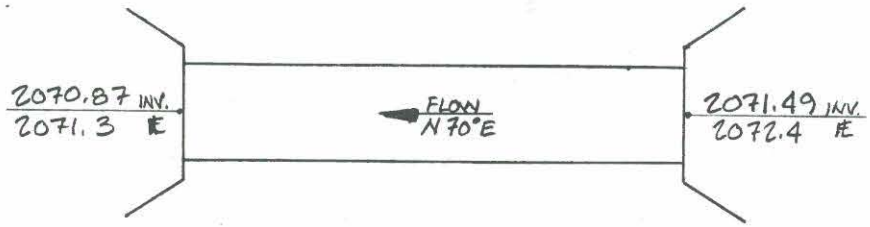
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

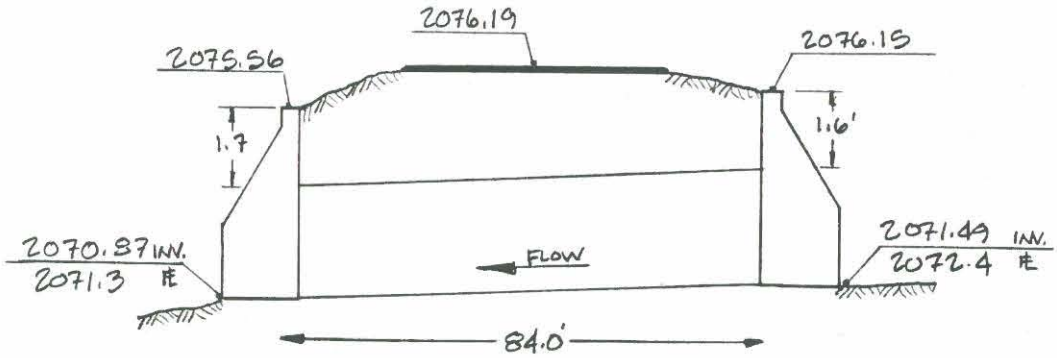
HEADWALLS : YES ■, NO ☐, COND. FAIR

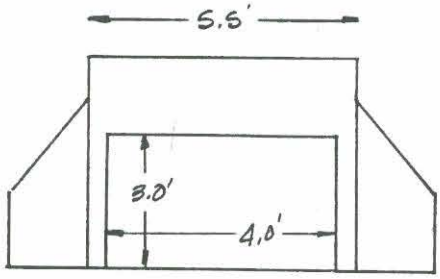
WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 4.7 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AAA	5.95			2075.56
A		10.02	2071.49	
B		9.1	2072.4	
C		5.36	2076.15	
D		5.32	2076.19	
E		5.95	2075.56	
F		10.64	2070.87	
G		10.2	2071.3	
T.P.		6.30		
X	5.76			
TBM AAA		5.42	2075.55	2075.56

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KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

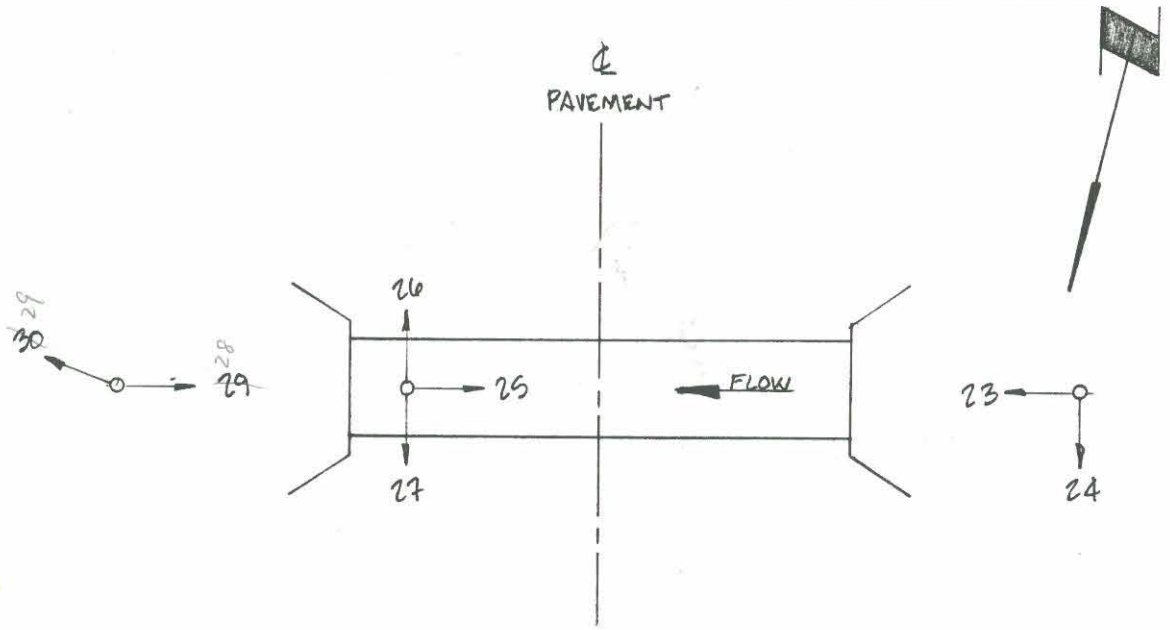
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. A-3

DIRECTION OF PHOTO ⟶ 7 & FRAME NO.

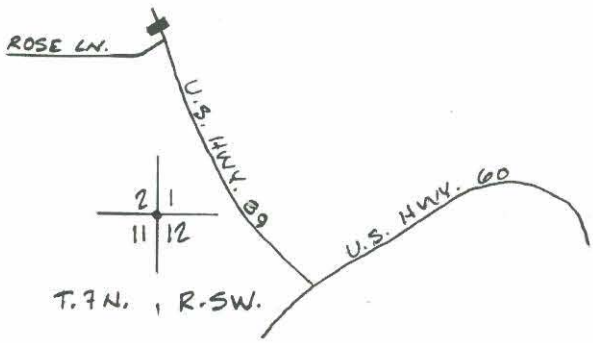
ROLL NO. 31



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF ROCK AND SAND AT UP-STREAM END OF STRUCTURE.

T.B.M. AAA IS AN A.H.D. BRASS CAP MKD; "STA 778 + 78.50"
"EL. 2075.88"
"1959"
LOCATED ON THE EAST HEADWALL OF STRUCTURE.



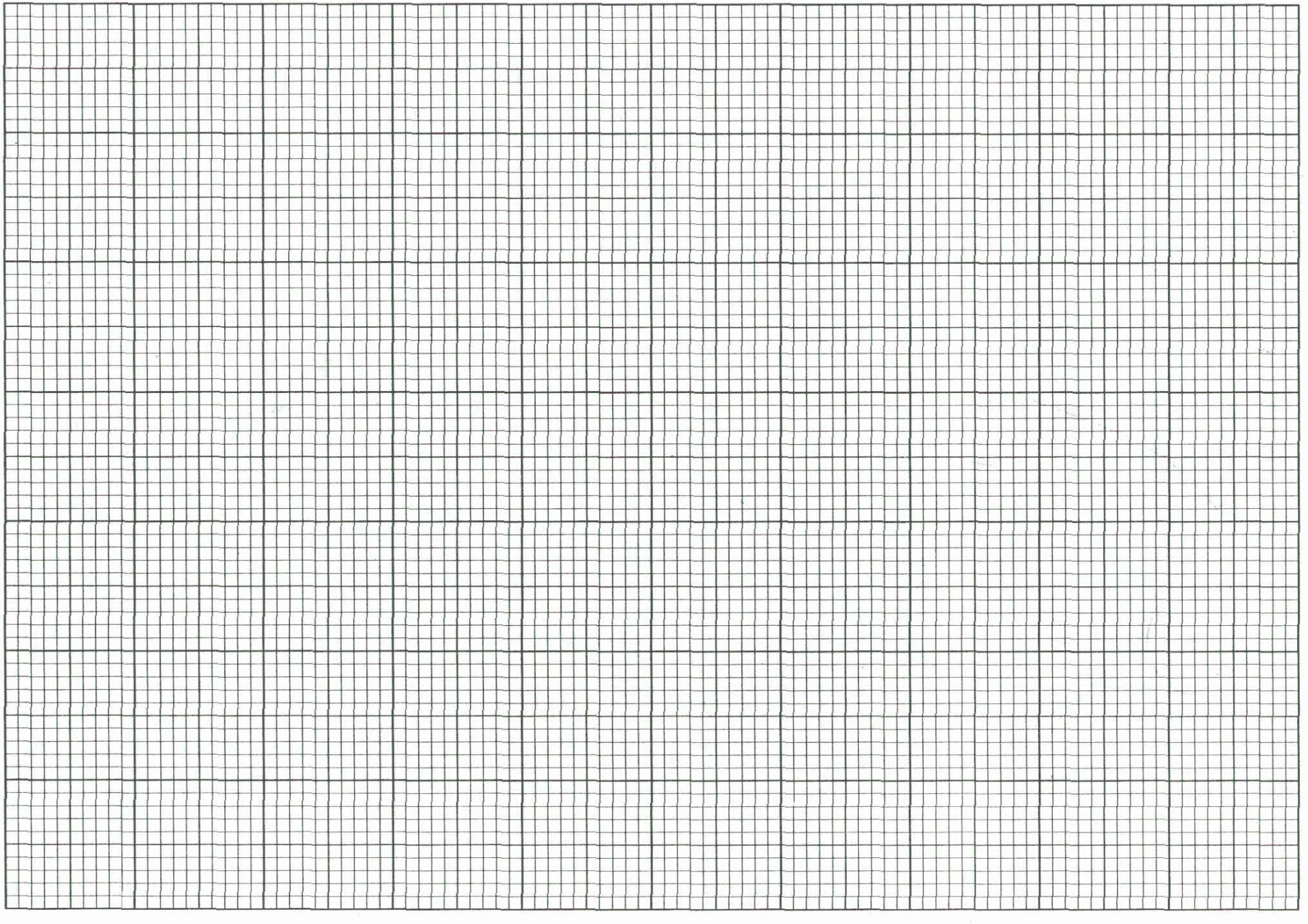
LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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STOCK# PPV840-000

R-31 F-27

R-31 F-28
A-3

R-31 F-29

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-1

LOCATION/ADDRESS U.S. HWY. 60, ± 4200 FT. WEST OF VULTURE MINE RD. (STRUCTURE NOT IN USE.)

NAME OF WASH AB

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE		± 28 FT.	± 10.5 FT.	A.D.O.T.
C.B.C.				
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

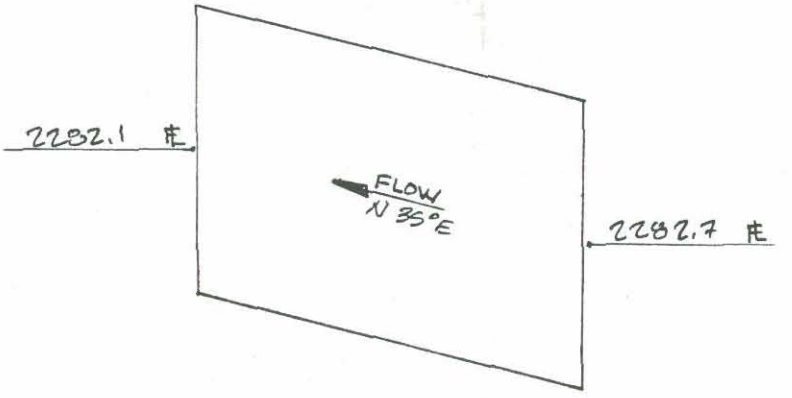
STRUC. COND.: GOOD ☐, FAIR ☐, POOR ■

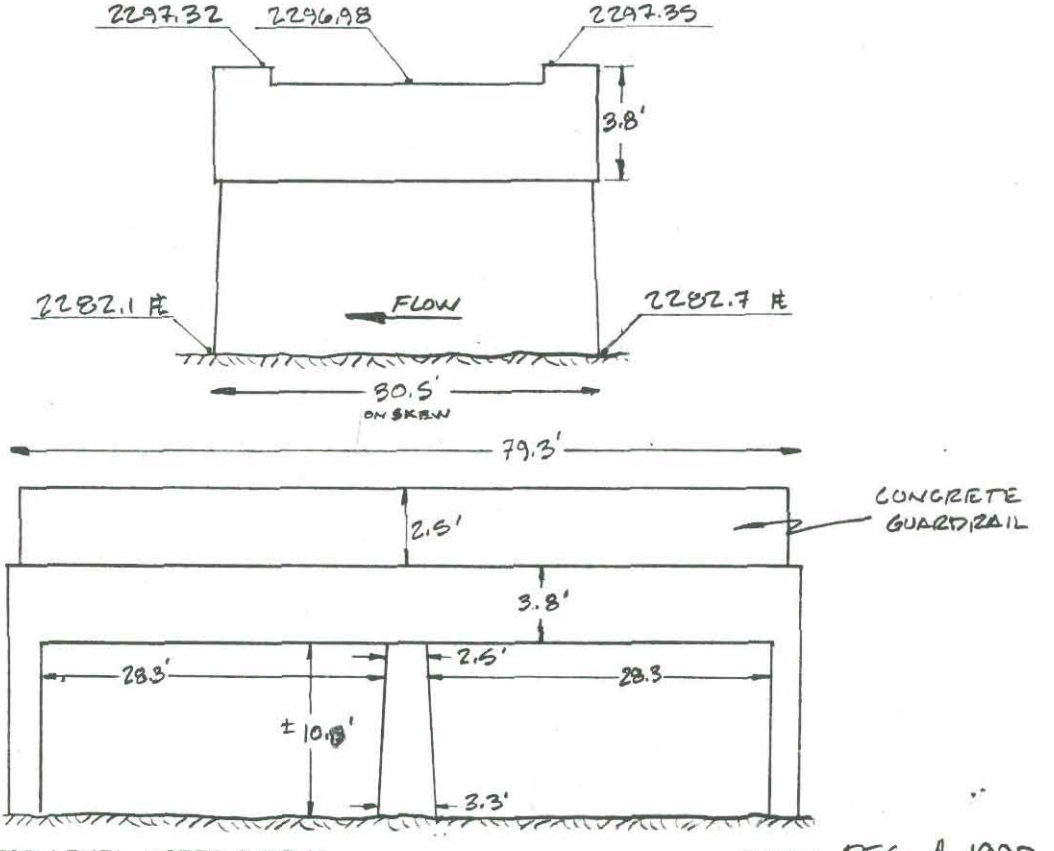
HEADWALLS : YES ■, NO ☐, COND. POOR

WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 17.1 FT.

NO. OF SPANS OR BARRELS: 2





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-1	5.39			2297.32
A		20.0	2282.7	
B		5.36	2297.35	
C		5.73	2296.98	
D		20.6	2282.1	
T.P.		3.85		
T.P.	3.49			
TBM AB-1		5.02	2297.32	2297.32

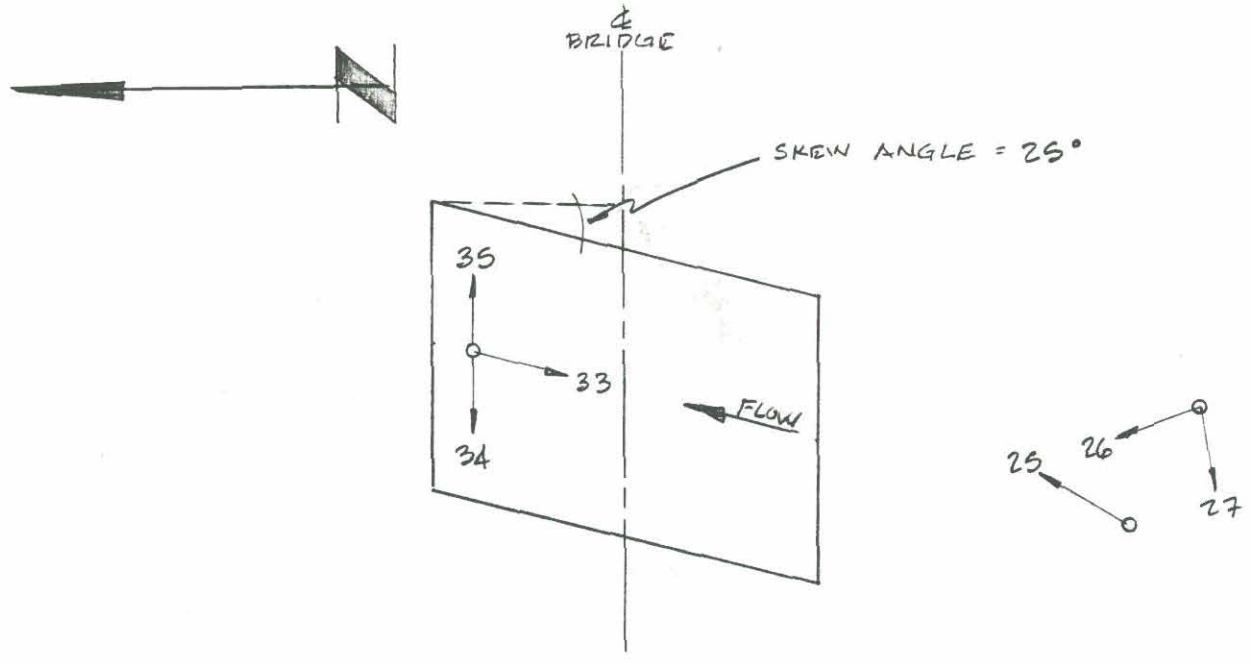
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-1

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 26

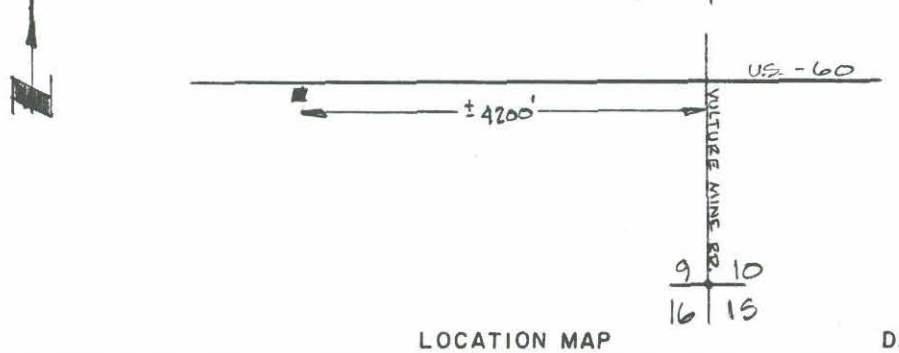


SPECIAL NOTES:

T.B.M. AB-1 IS AN A.H.D. BRASS CAP MKD; "STA. 2861+46.2", "EL. 2336.50"

LOCATED AT THE NORTHWESTERN CORNER OF STRUCTURE.

BRIDGE NOT IN USE.

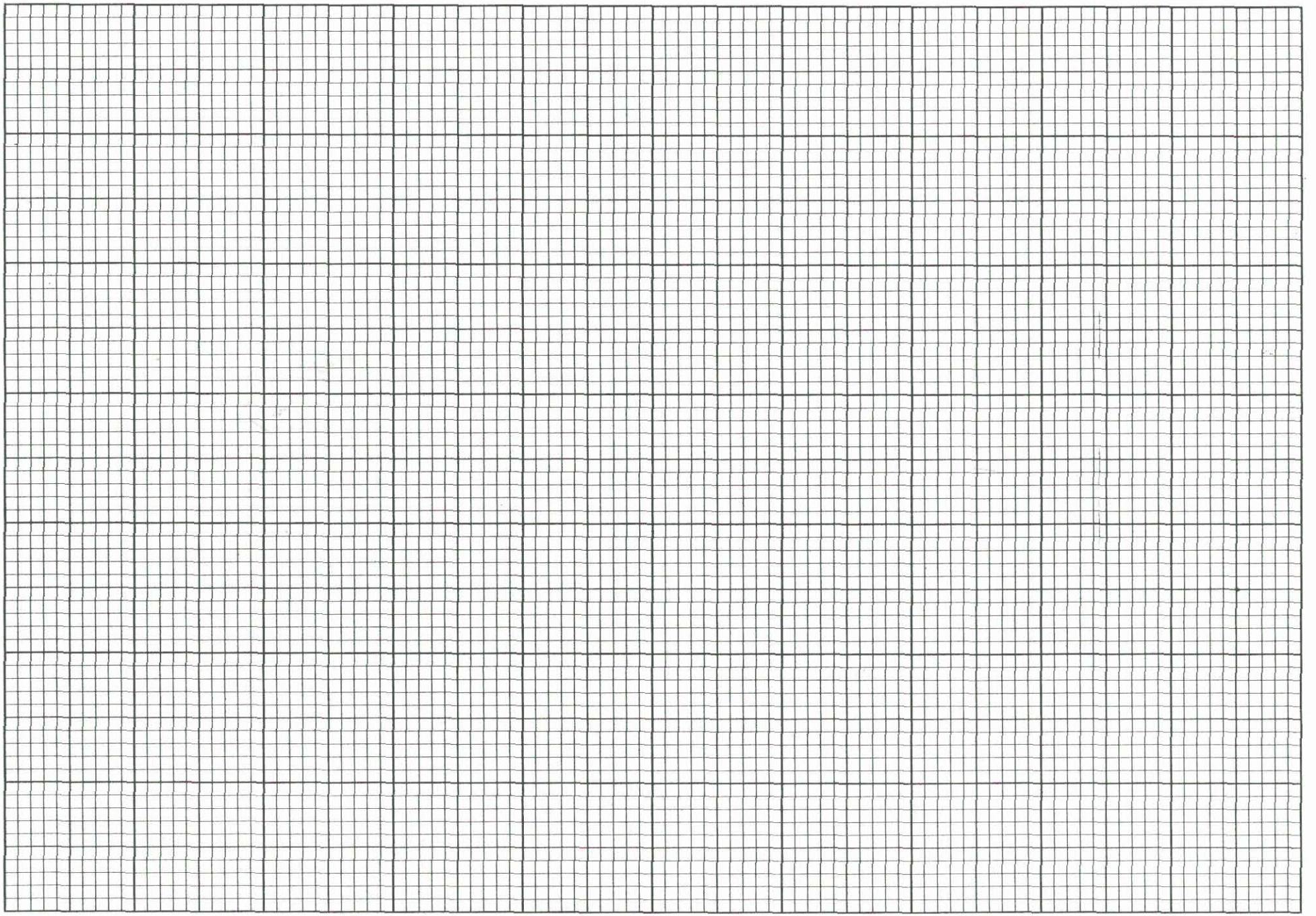


LOCATION MAP

DATE: DEC. 4 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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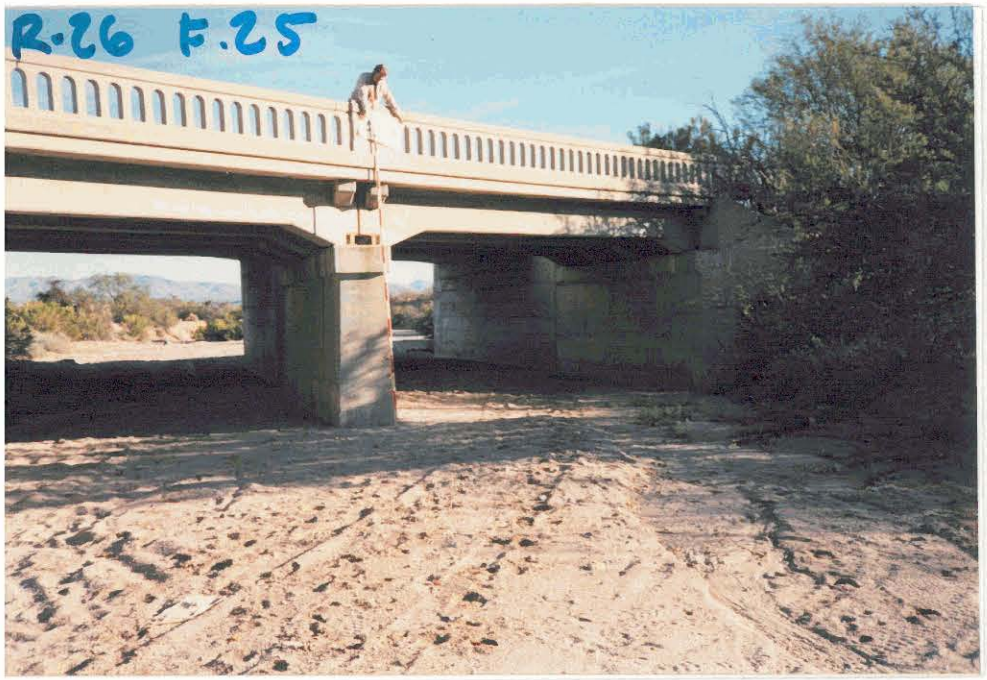
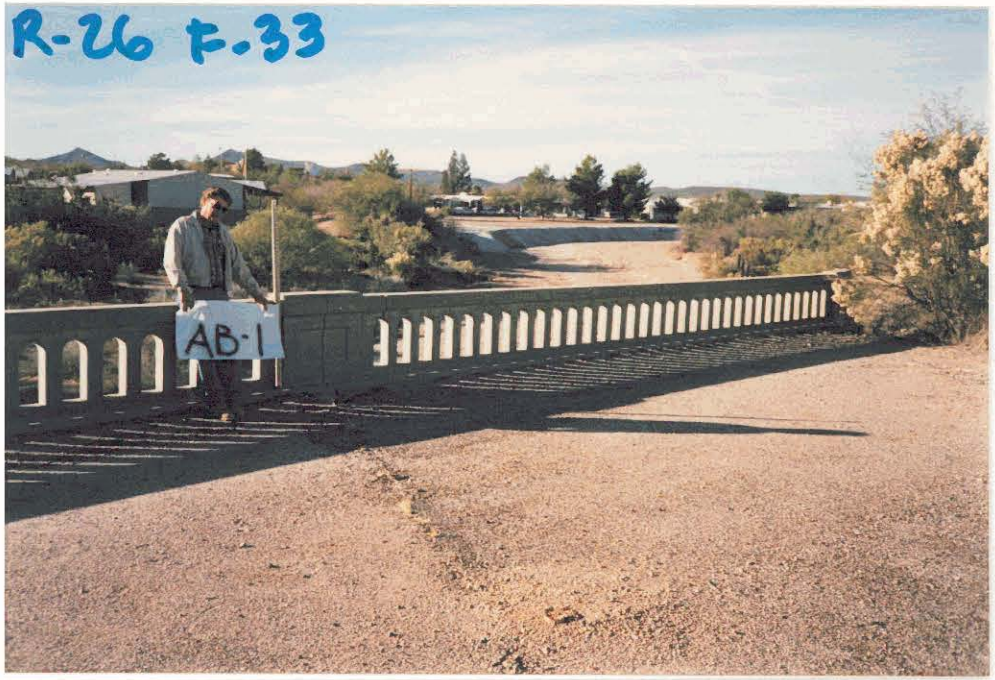
1-800-767-0777
STOCK# PPV840-000



R-26 F-33



R-26 F-34

R-26 F-35

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-2

LOCATION/ADDRESS U.S. HWY. 60, ± 4200 FT. WEST OF VULTURE MINE RD..

NAME OF WASH AB

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE		30.2 FT.	± 14 FT.	A.D.O.T.
C.B.C.				
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

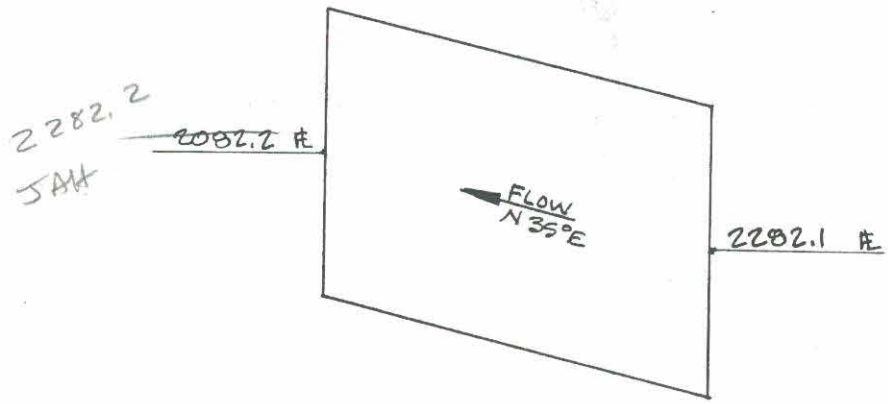
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

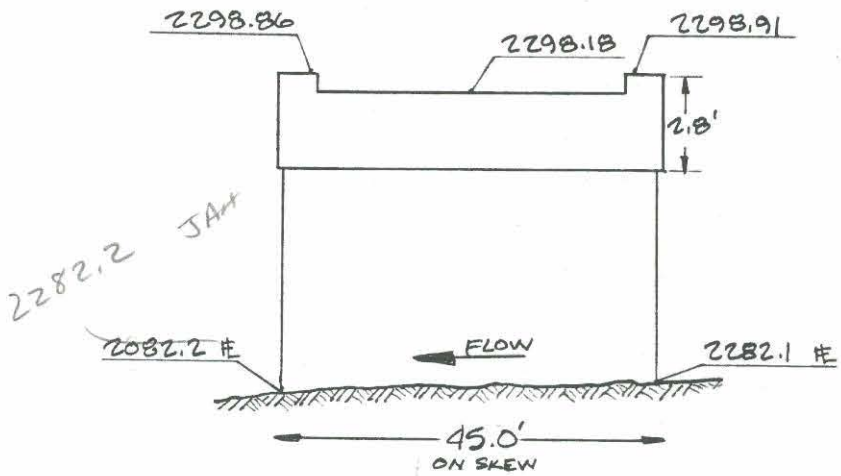
HEADWALLS : YES ■, NO ☐, COND. FAIR

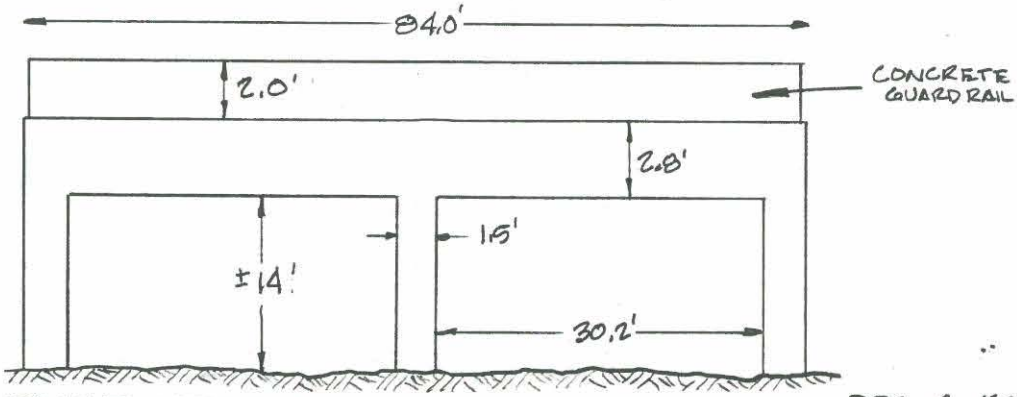
WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 18.8 FT.

NO. OF SPANS OR BARRELS: 2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-1	5.39			2297.32
A		20.6	2282.1	
B		3.80	2298.91	
C		4.53	2298.18	
D		3.85	2298.86	
E		20.5	~~2082.2~~ → 2282.2 JAH	
T.P.		3.85		
^	3.48			
TBM AB-1		5.02	2297.32	2297.32

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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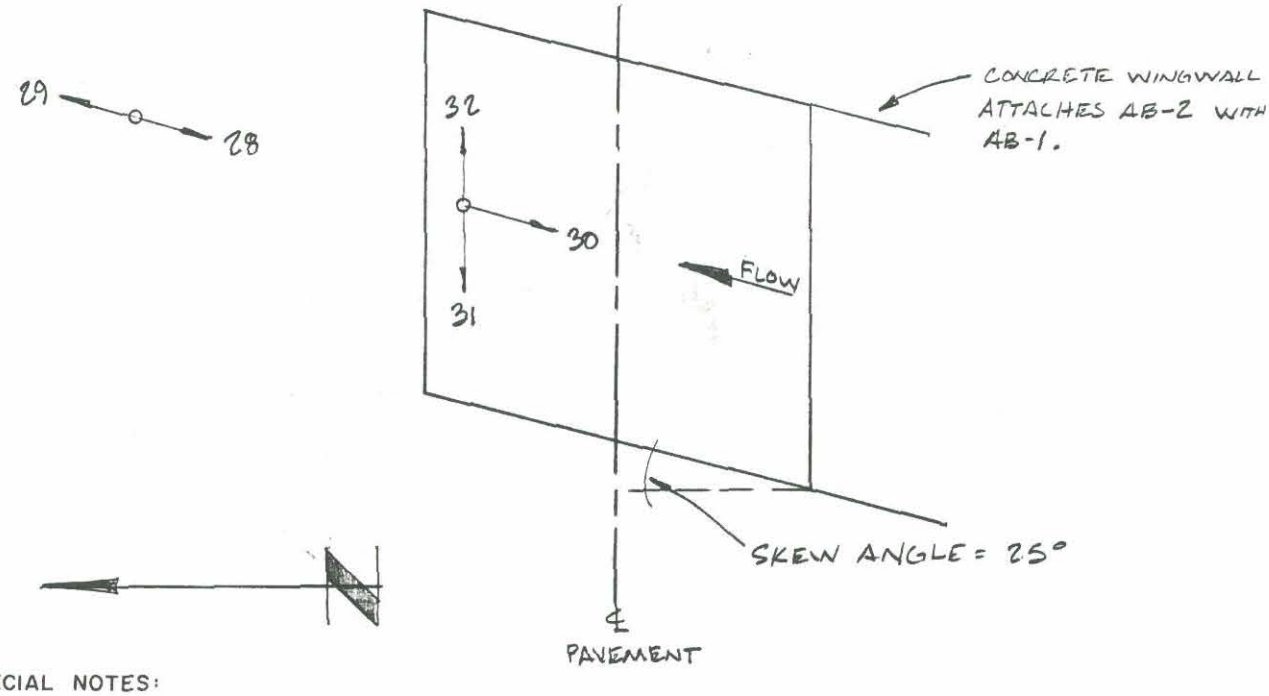
BRIDGE & CULVERT PHOTO LOG

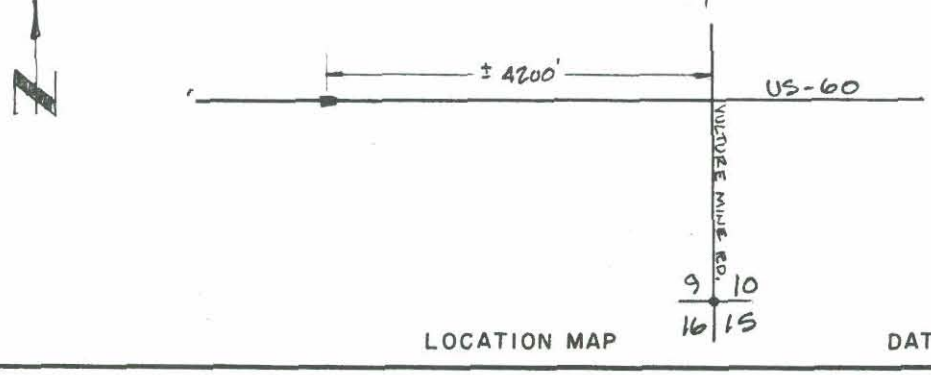
SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-2

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 26



SPECIAL NOTES:

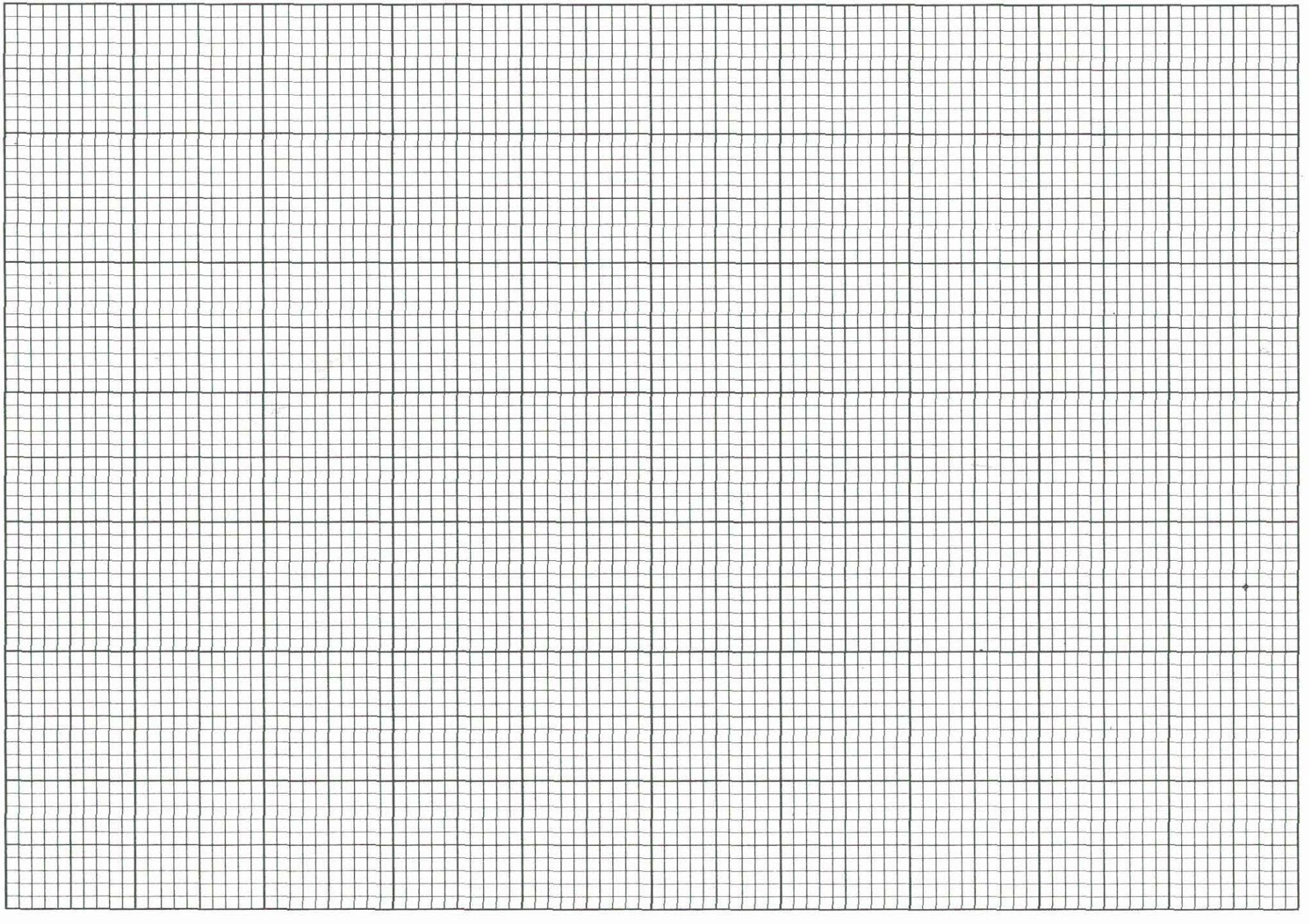


LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780



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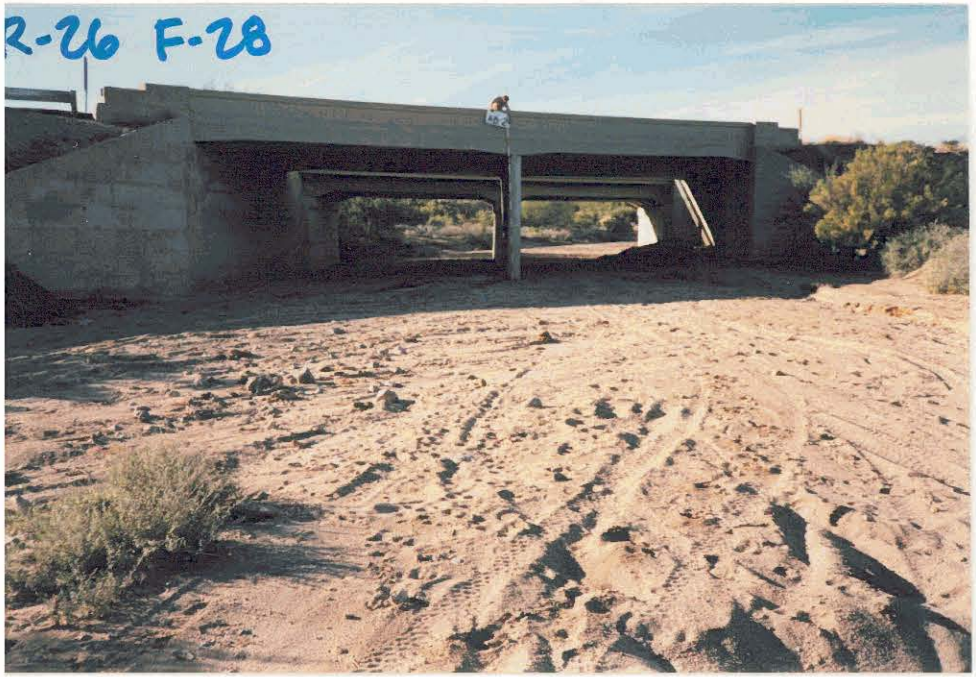
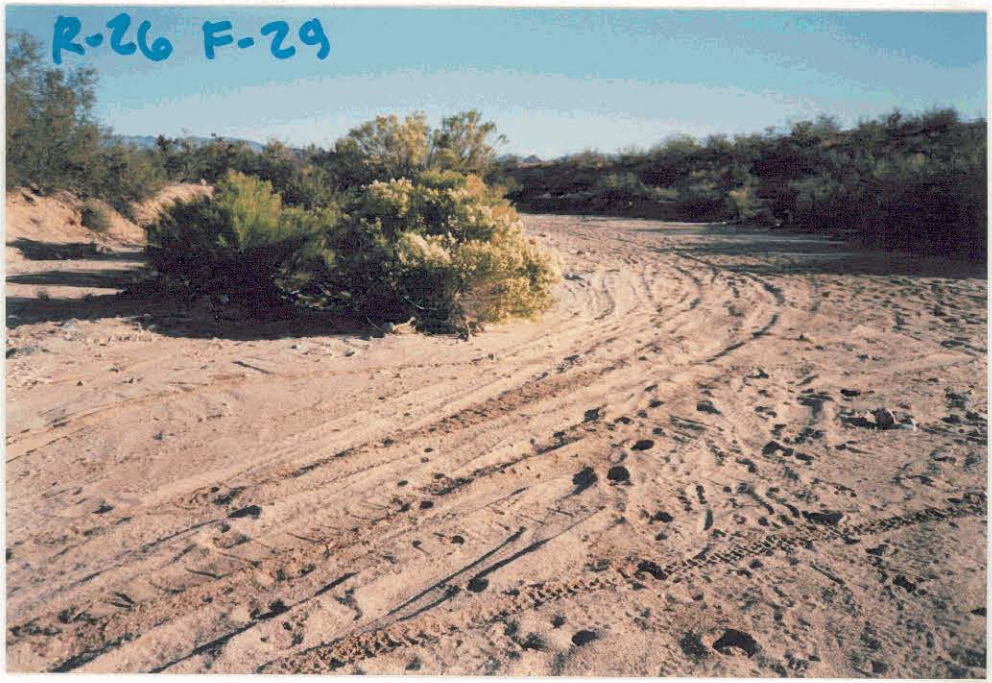
STOCK# PPV840-000





R-26 F-32

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-3

LOCATION/ADDRESS 1.9 MILES N.W. OF U.S. HWY. 60 NAME OF WASH UNKNOWN

UNDERPASS (WICKENBURG) ALONG A.T. & S.F. LINE. PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P				
WOOD B.		13.0 FT.	± 3 FT.	A.T. & S.F.
OTHER				

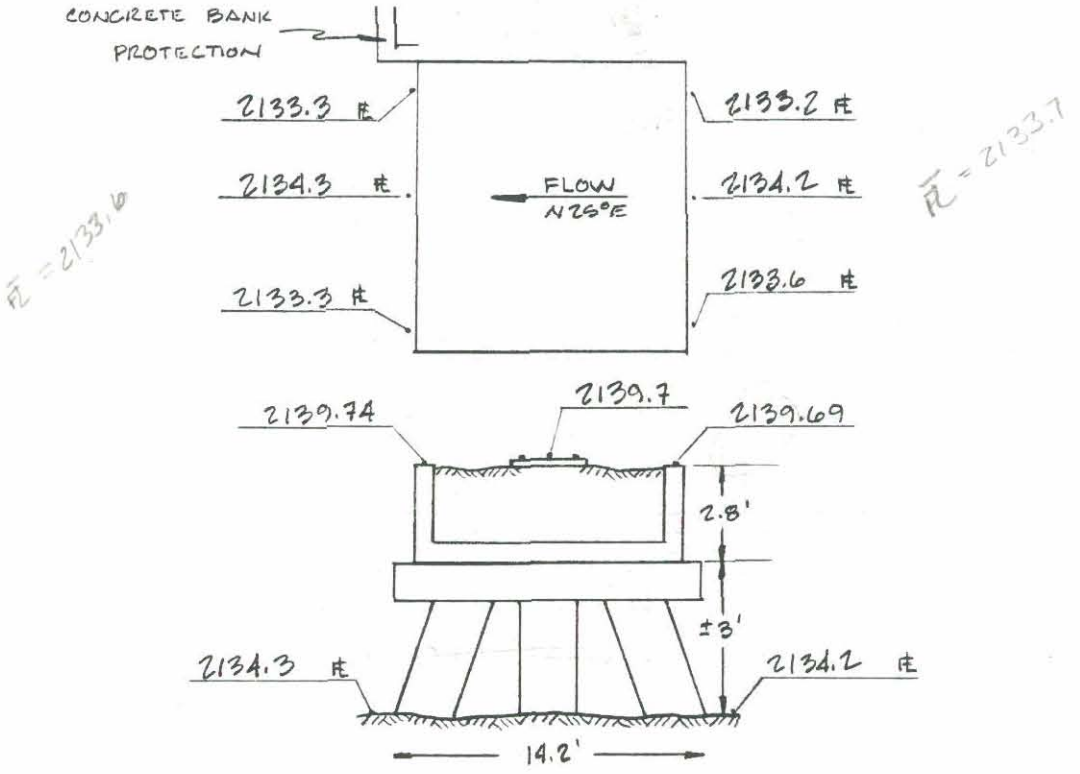
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

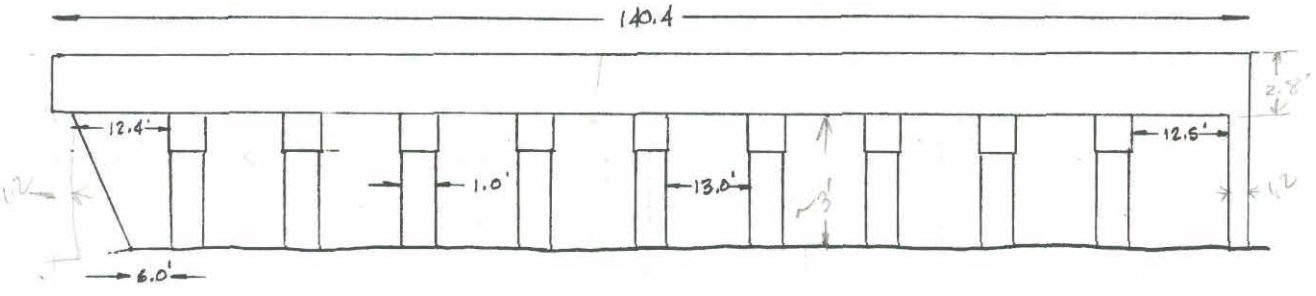
HEADWALLS : YES ■, NO ☐, COND. FAIR

WINGWALLS : YES ☐, NO ■, COND. —

DEPTH OF AVAILABLE HEADWATER: ± 6.5 FT.

NO. OF SPANS OR BARRELS: 10





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 15 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCH MARK
AB-3	8.00			2137.67
A		12.1	2133.6	
B		5.66	2140.01	
C		12.4	2133.3	
D		11.5	2134.2	
E		5.98	2139.69	
F		5.93	2139.74	
G		11.4	2134.3	
H		12.5	2133.2	
I		12.4	2133.3	
T.P.		5.95		
	5.62			
AB-3		7.66	2137.68	2137.67

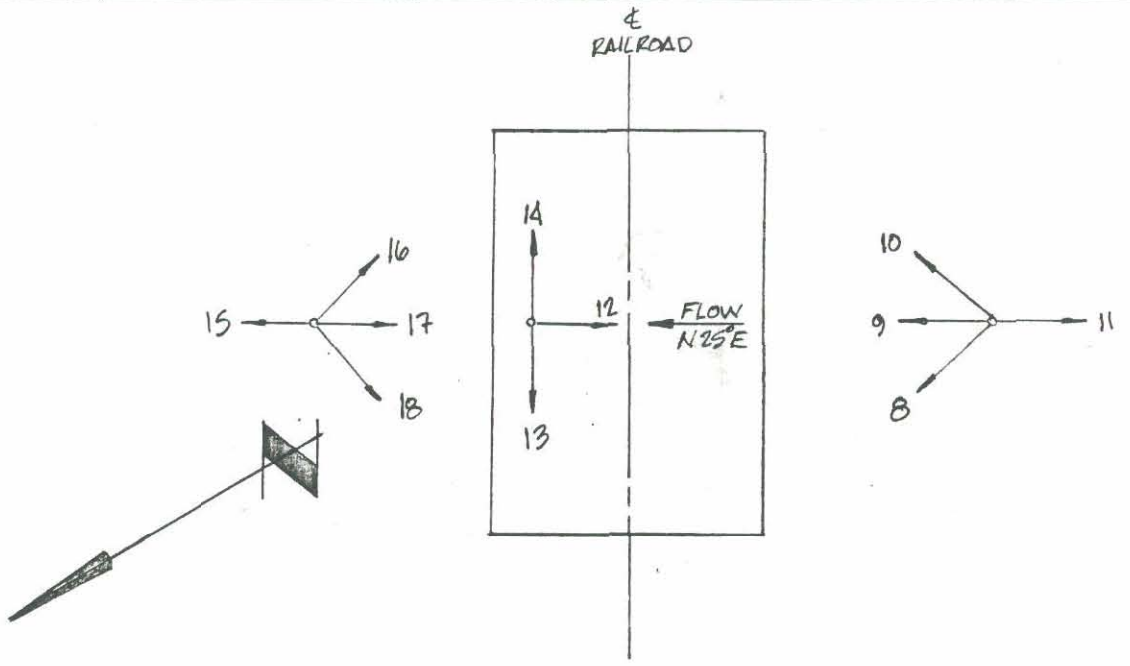
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

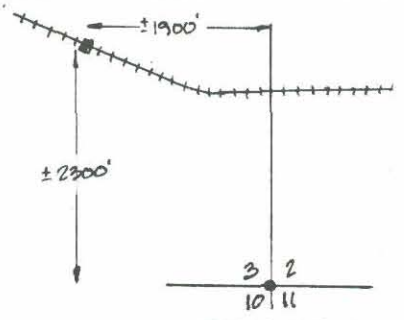
SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-3

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 5



SPECIAL NOTES:



T.7N., R.5W.

LOCATION MAP

DATE: NOV. 15 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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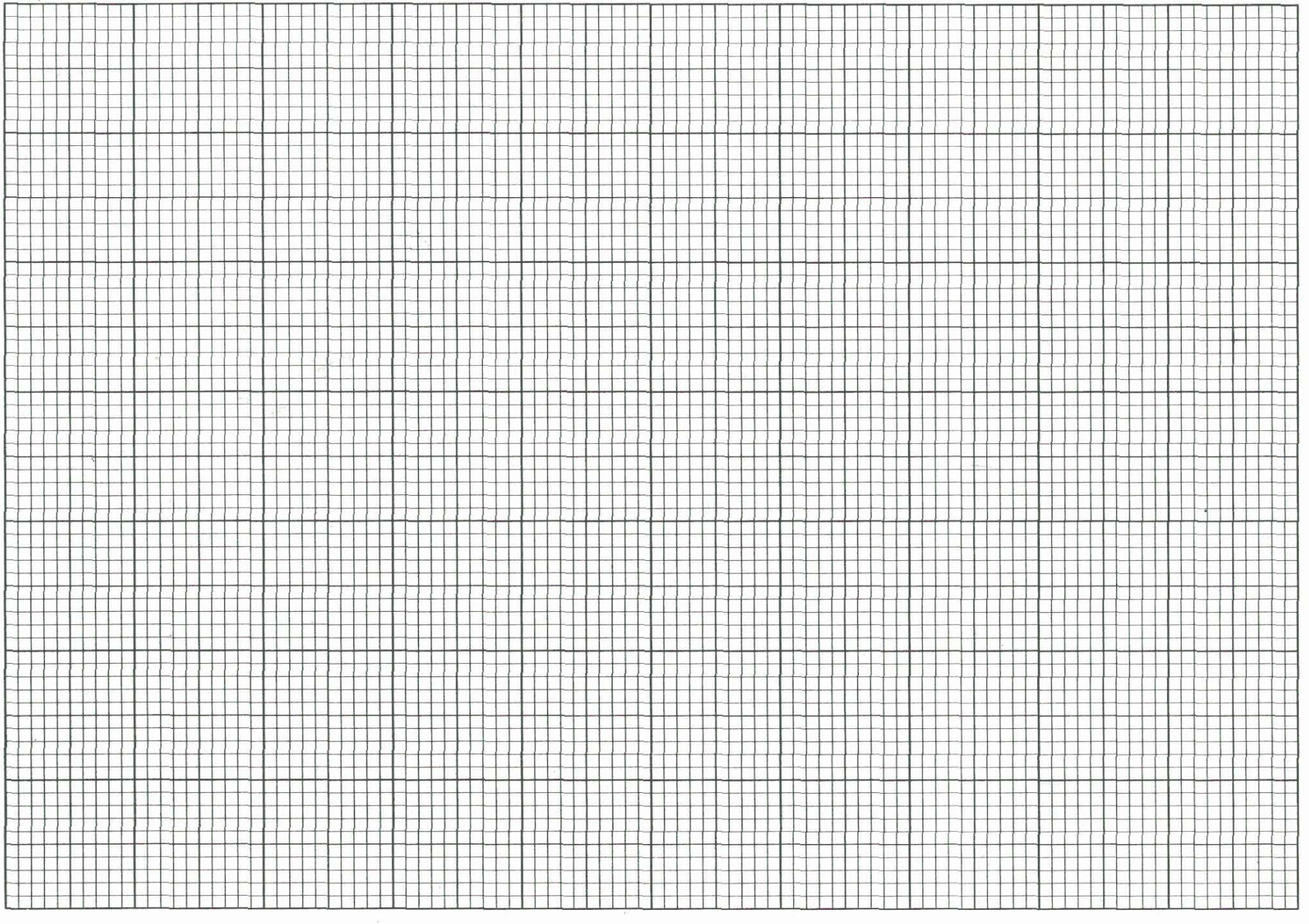

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R-5 F-12

R-5 F-13

R-5 F-14

R-5 F-15

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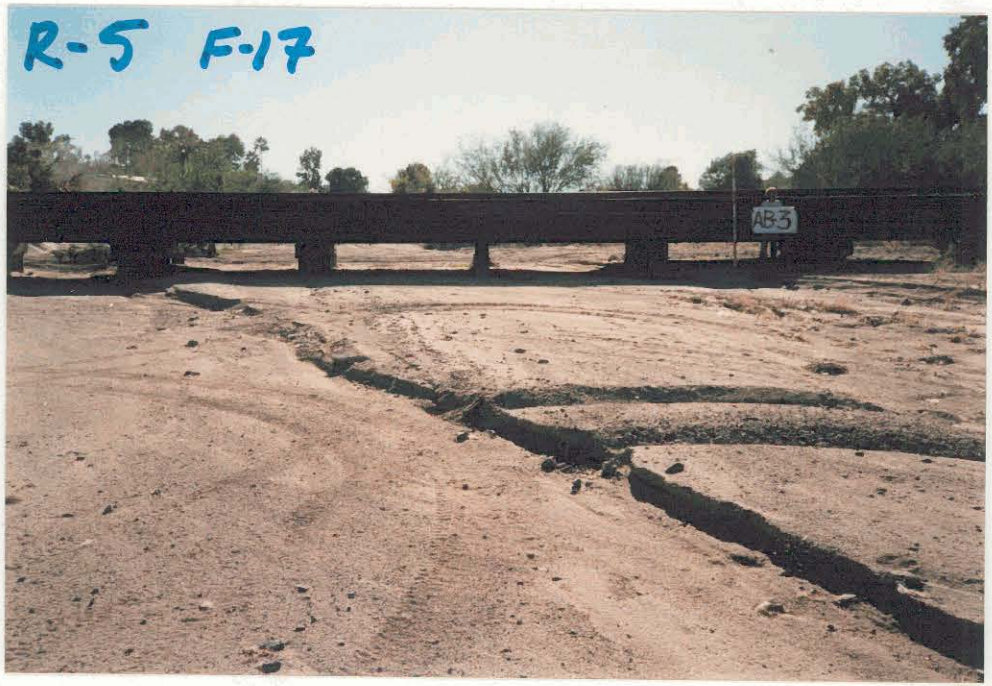
1-800-767-0777
STOCK# PPV840-000



BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-4

LOCATION/ADDRESS VULTURE MINE RD., ± 1000 FT. NORTH OF US-60.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	4.0 FT.			COUNTY
WOOD B.				
OTHER				

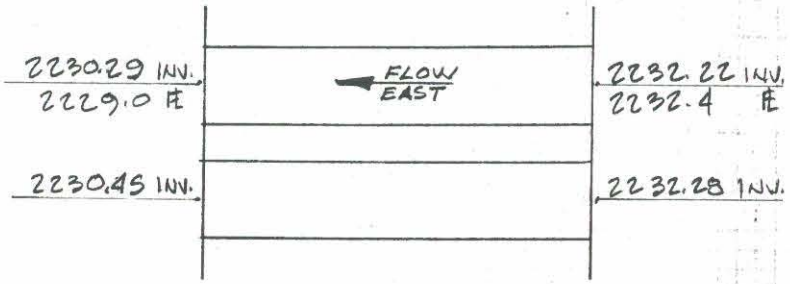
STRUC. COND.: GOOD ■, FAIR □, POOR □

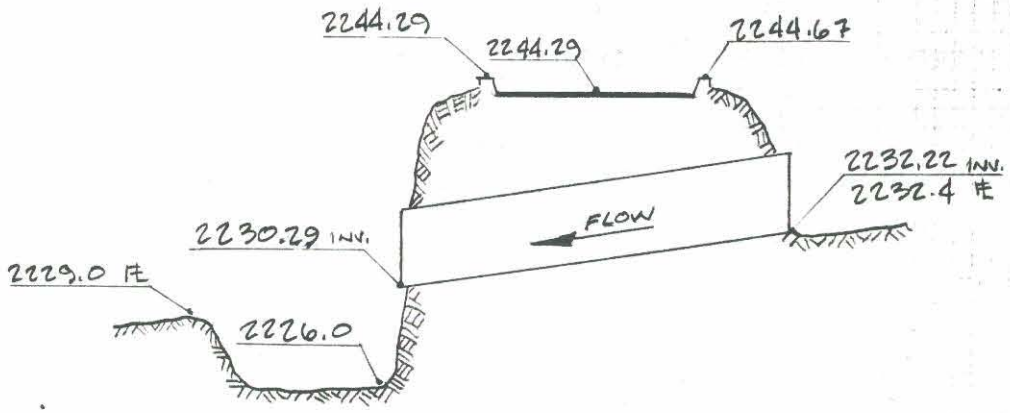
HEADWALLS : YES □, NO ■, COND. ____

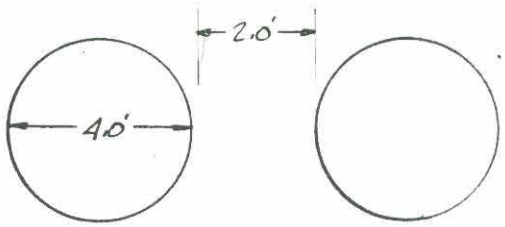
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 12.5 FT.

NO. OF SPANS OR BARRELS: 2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-4	3.82			2244.67
A		16.27	2230.22	
B		16.1	2232.4	
C		16.21	2232.28	
D		3.82	2244.67	
E		4.20	2244.29	
F		4.20	2244.29	
G		18.20	2230.29	
H		18.04	2230.45	
I		22.5	2226.0	
J		19.5	2229.0	
T.P.		3.05		
T	2.69			
TBM AB-4		3.36	2244.67	2244.67

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

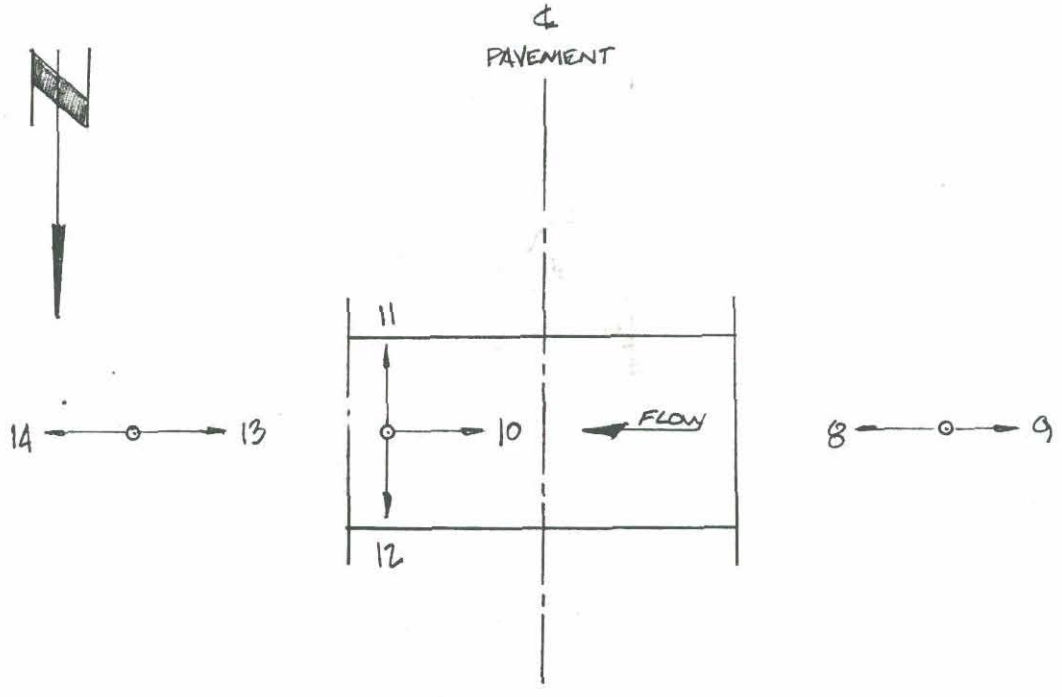
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-4

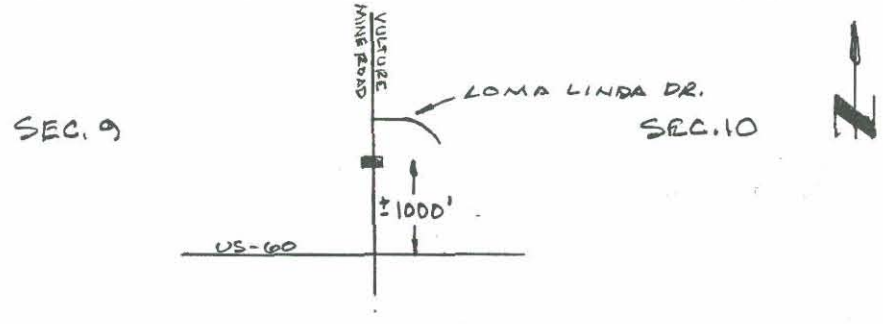
DIRECTION OF PHOTO ○→ 7 & FRAME NO.

ROLL NO. 21



SPECIAL NOTES:

DEEP SCOUR HOLE AT DOWNSTREAM END OF STRUCTURE.



T. 7N. R. 5W.

LOCATION MAP

DATE: NOV. 29 1990

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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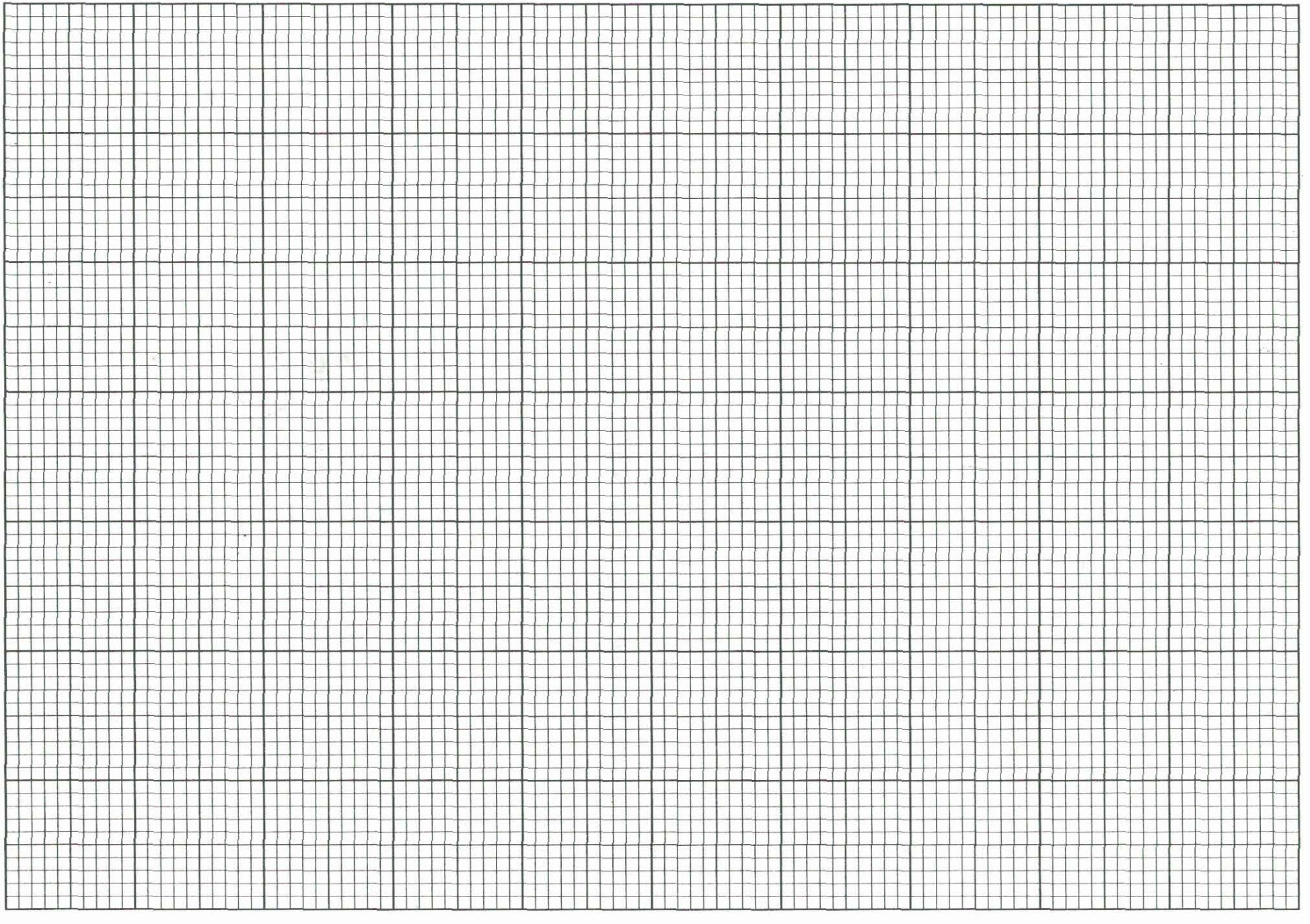

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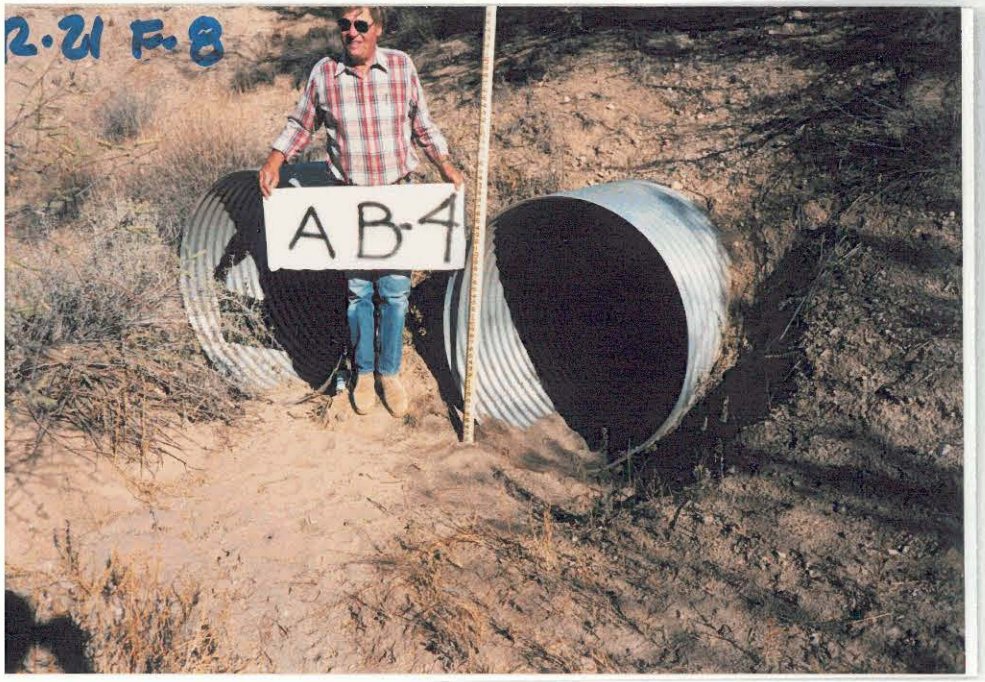
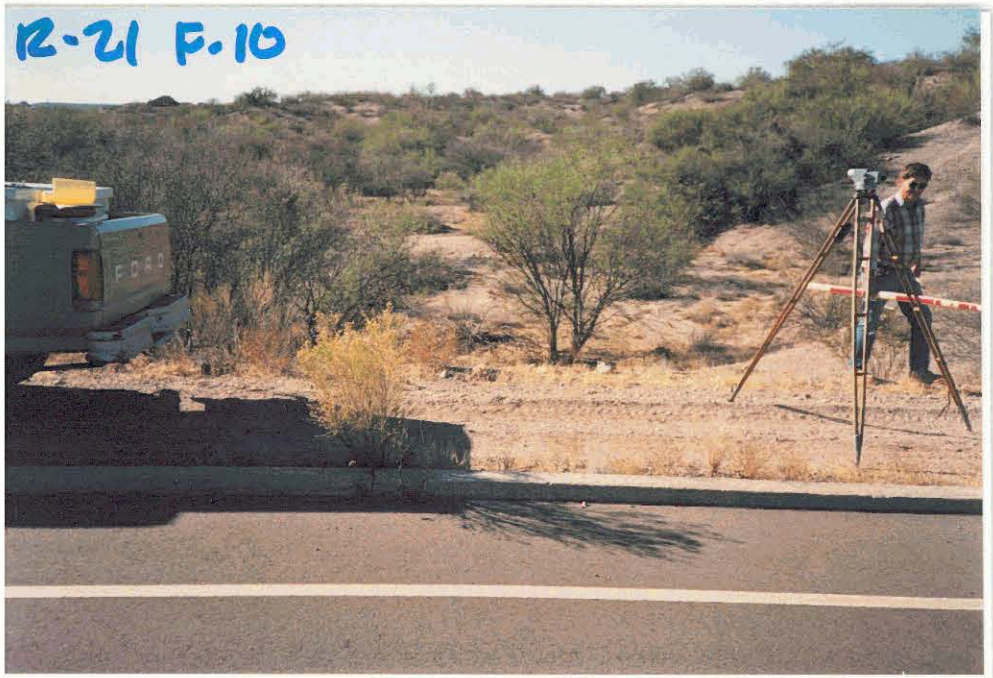
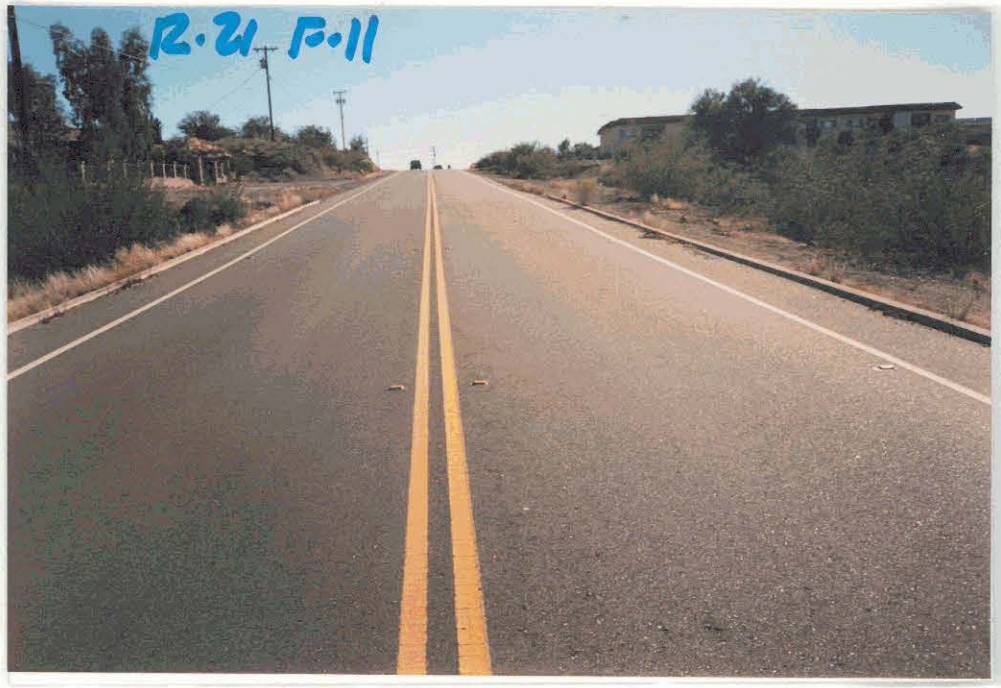
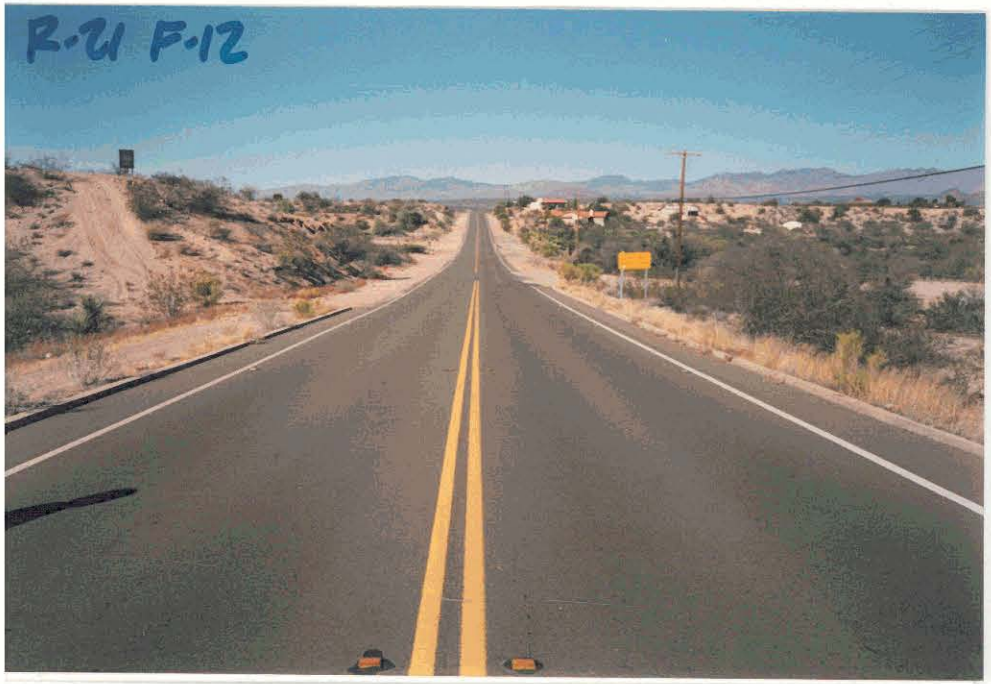
STOCK# PPV840-000

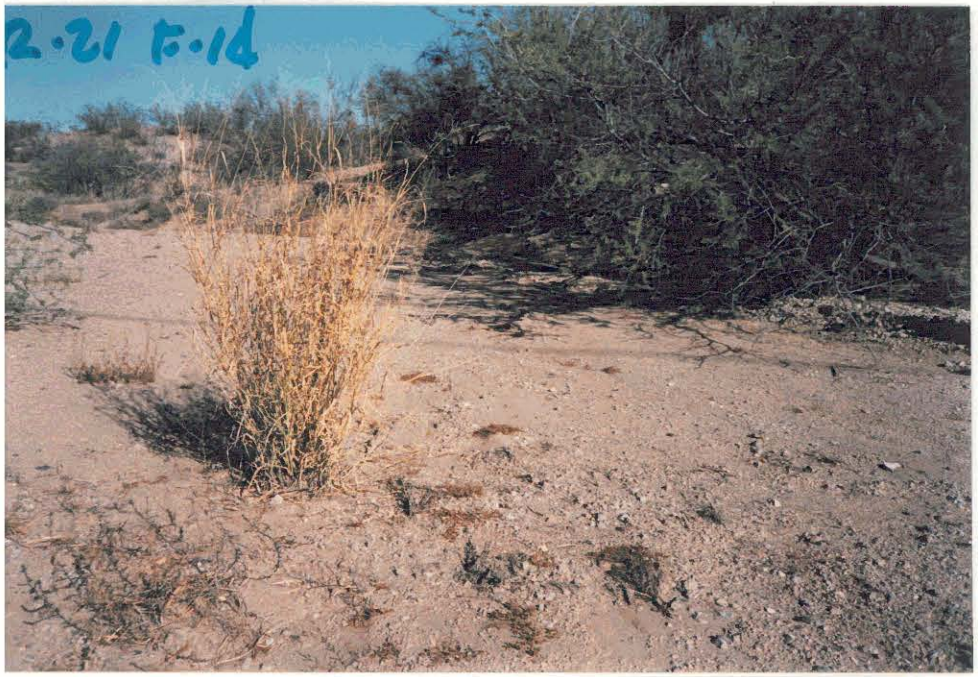







R-21 F-12

AB-4
R-21


2-21 F-14

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-5

LOCATION/ADDRESS LOMA LINDA DR., ± 100 FT. EAST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	4.0 FT.			COUNTY
WOOD B.				
OTHER				

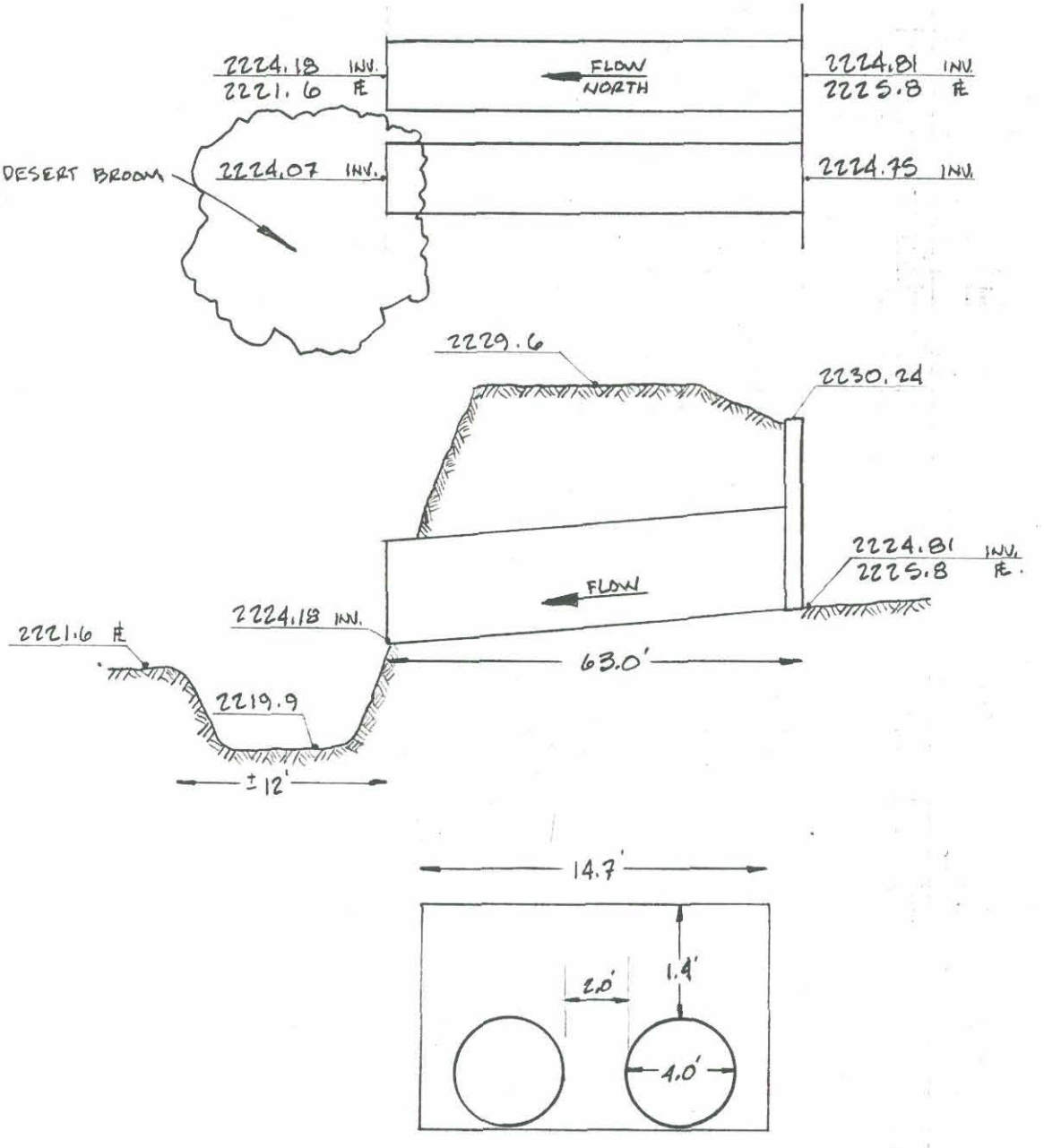
STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS: YES ■, NO □, COND. FAIR

WINGWALLS: YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 5.5 FT.

NO. OF SPANS OR BARRELS: 2



SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-5	4.42			2230.24
A		9.85	2224.81	
B		9.91	2224.75	
C		8.9	2225.8	
D		4.42	2230.24	
E		5.02	2229.6	
F		10.59	2224.07	
G		10.48	2224.18	
H		14.8	2219.9	
I		13.1	2221.6	
T.P.		5.03		
II	4.54			
TBM AB-5		3.93	2230.24	2230.24

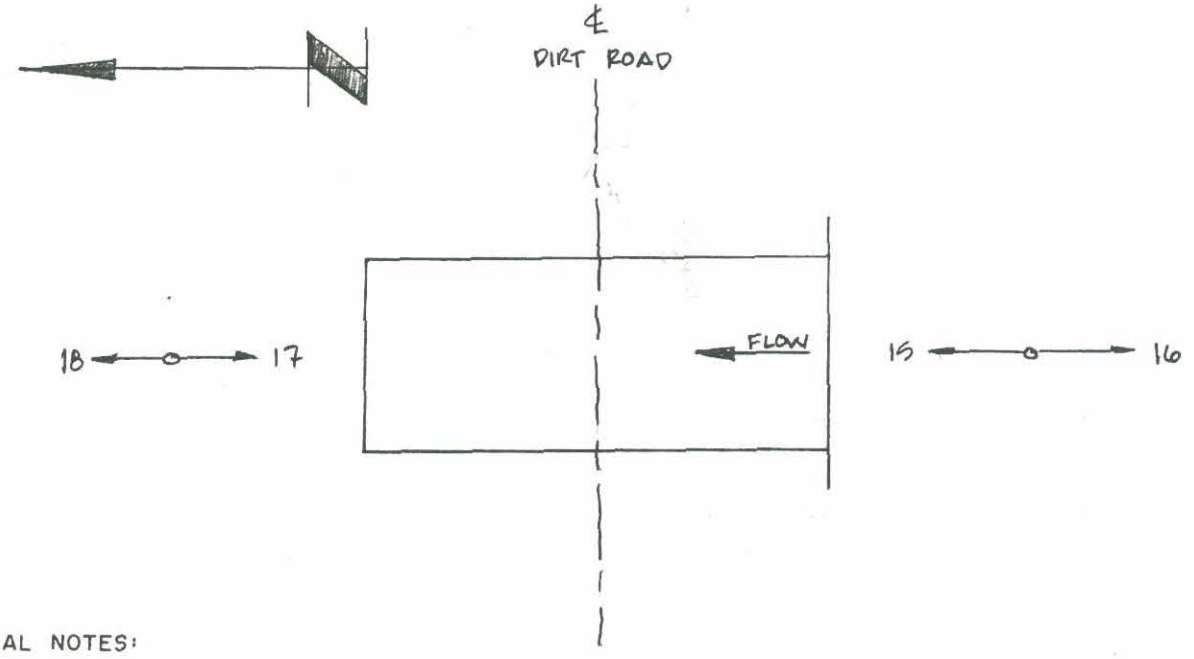
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-5

DIRECTION OF PHOTO ⟶ 7 & FRAME NO. ROLL NO. 21

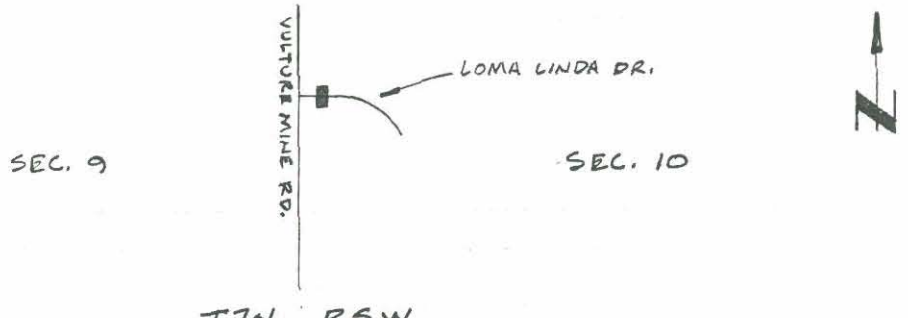


SPECIAL NOTES:

DENSE VEGITATION AT DOWN-STREAM END OF STRUCTURE.

DEEP SCOUR HOLE AT DOWN-STREAM END OF STRUCTURE.

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.



T.7N., R.5W.

LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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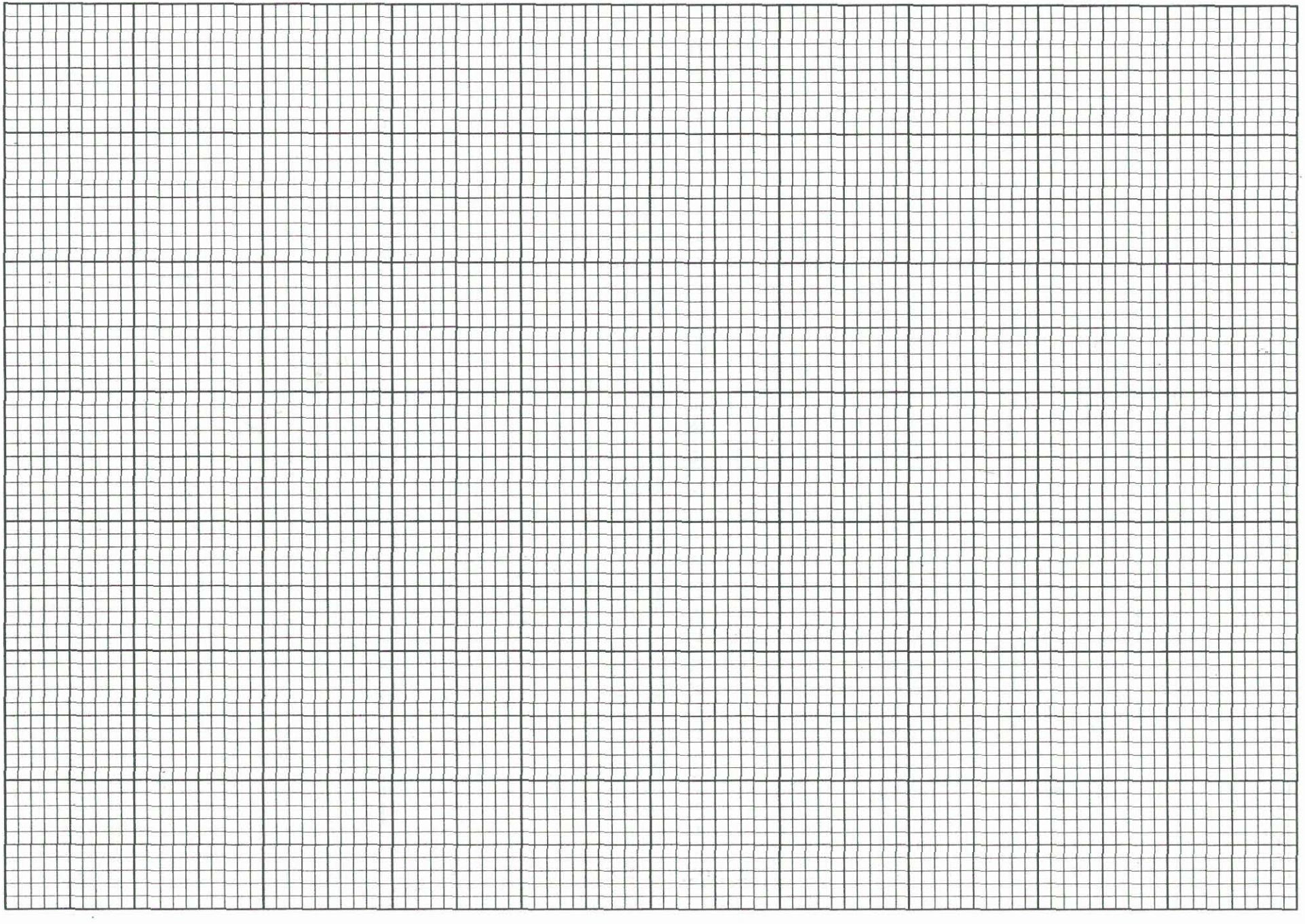

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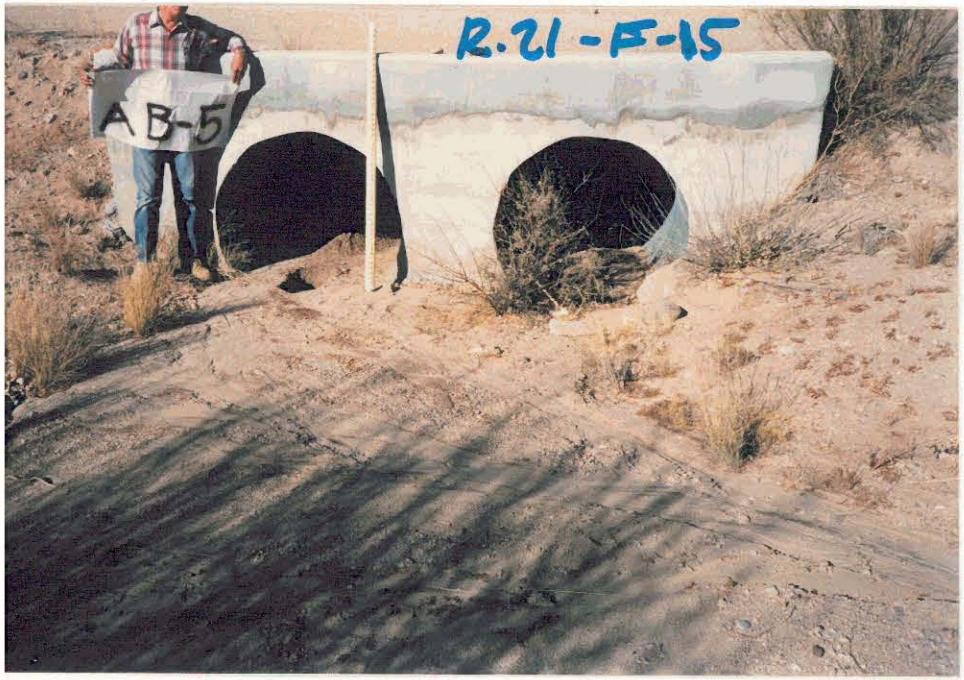
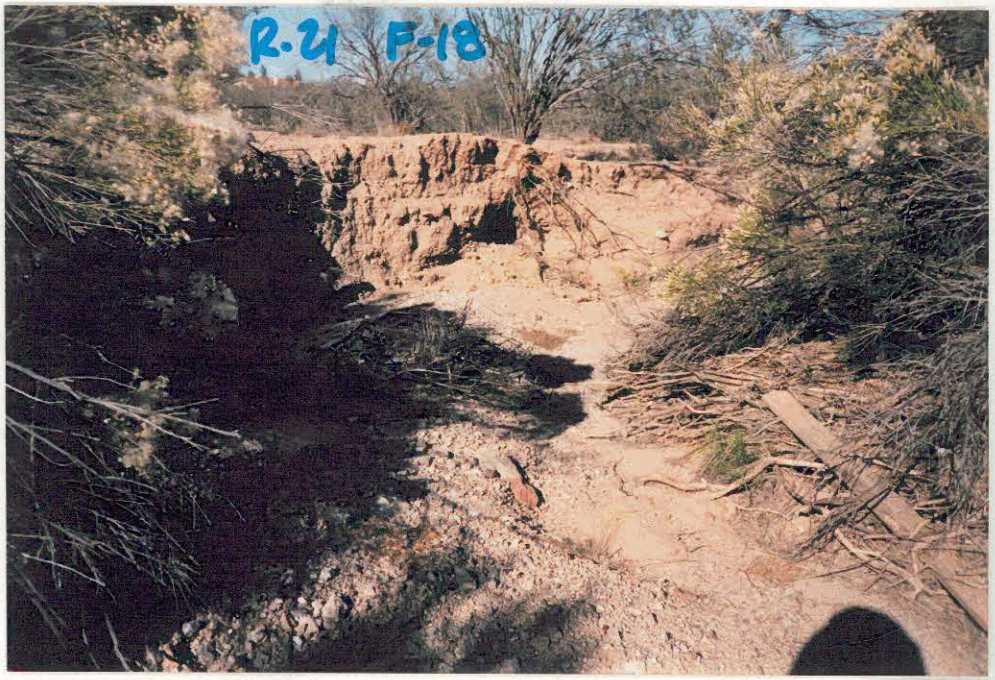
STOCK# PPV840-000





BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-6

LOCATION/ADDRESS VULTURE MINE RD., ± 50 FT. SOUTH OF S.E. COR. SECTION 4, T.7N., R.5W..

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

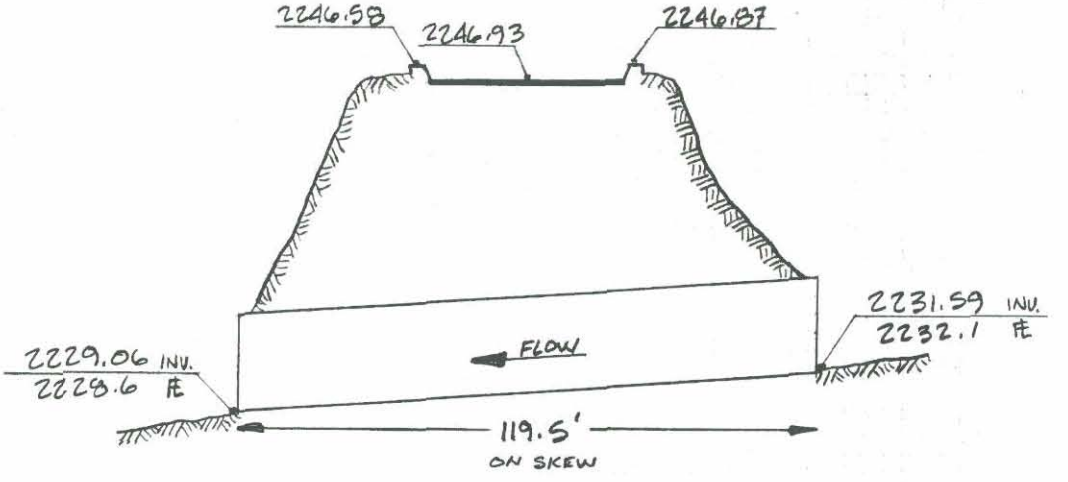
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

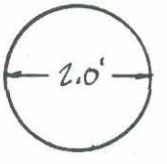
HEADWALLS : YES ☐, NO ■, COND. ____

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 15.3 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	−	ELEVATION	BENCHMARK
307	5.03			2246.08
A		19.52	2231.59	
B		19.0	2232.1	
C		4.24	2246.87	
D		4.18	2246.93	
E		4.53	2246.58	
F		22.05	2229.06	
G		22.5	2228.6	
T.P.		4.31		
X	3.69			
307		4.42	2246.07	2246.08

K•E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

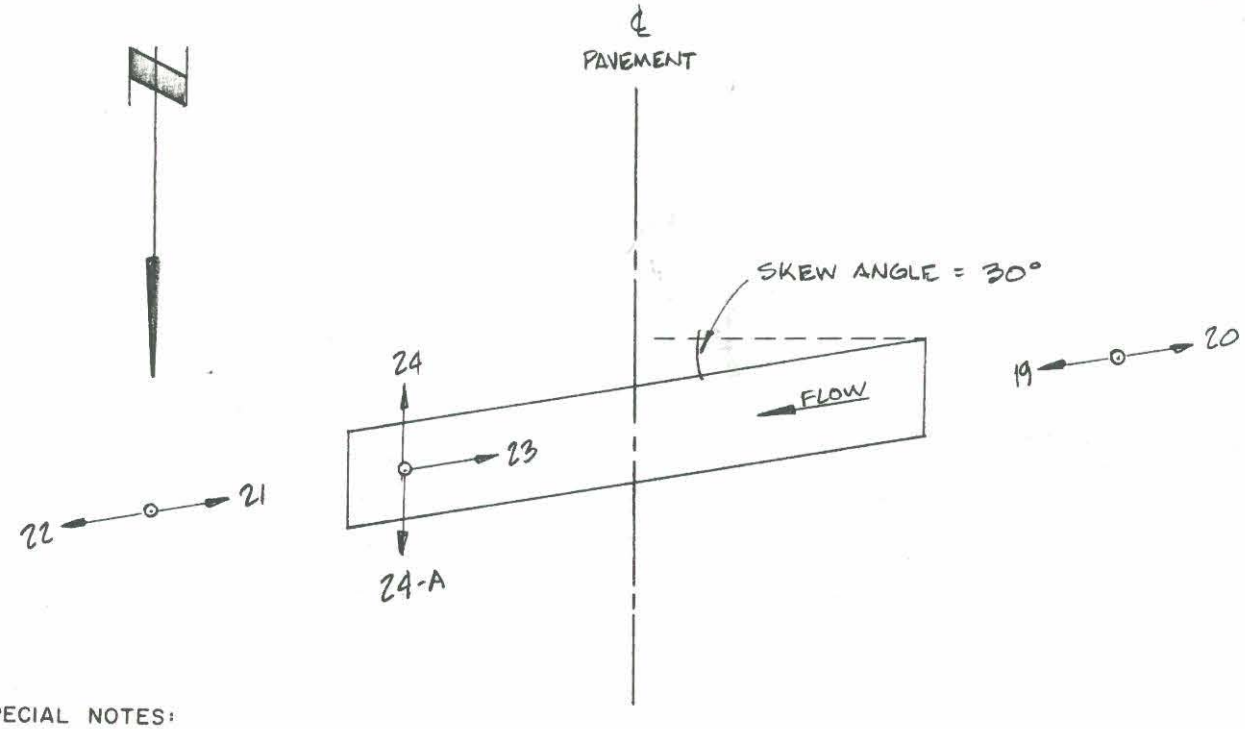
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

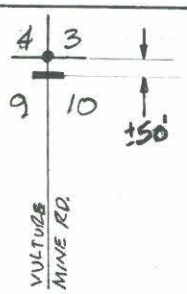
STRUC. NO. AB-6

DIRECTION OF PHOTO ○→ 7 & FRAME NO.

ROLL NO. 21



SPECIAL NOTES:



T.7N., R.5W.

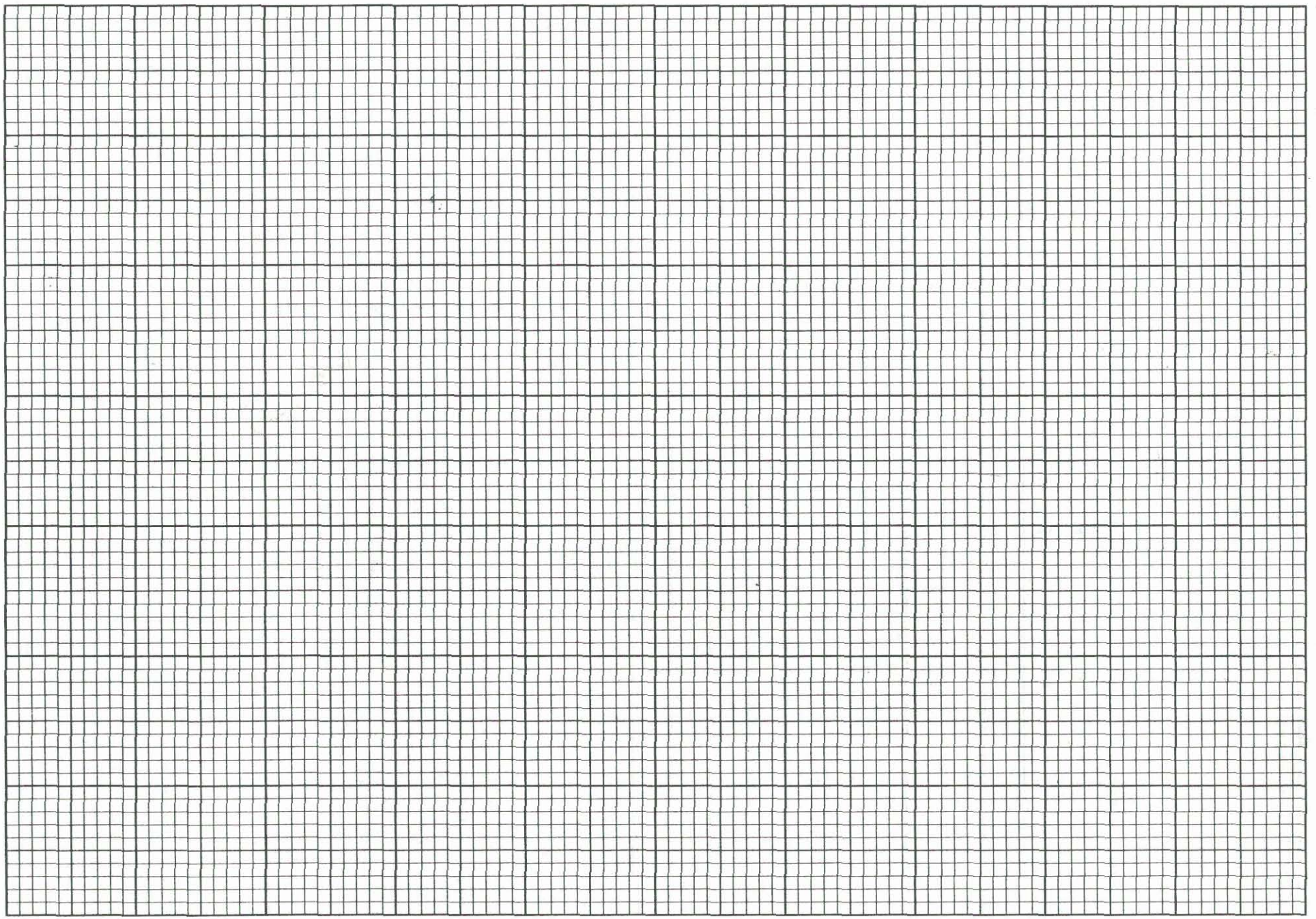
LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K•E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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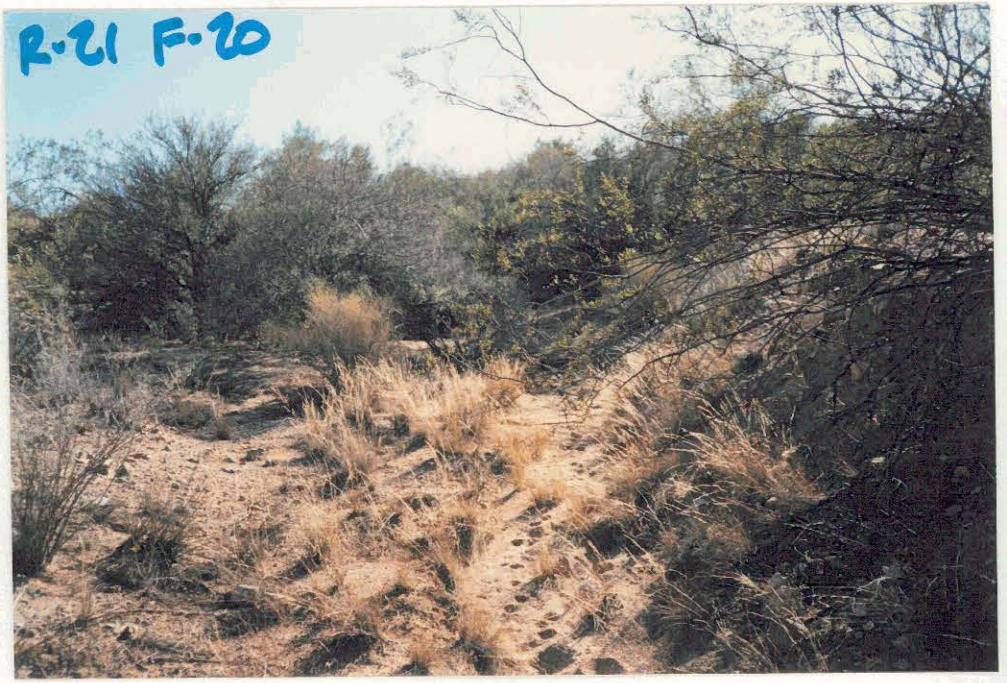
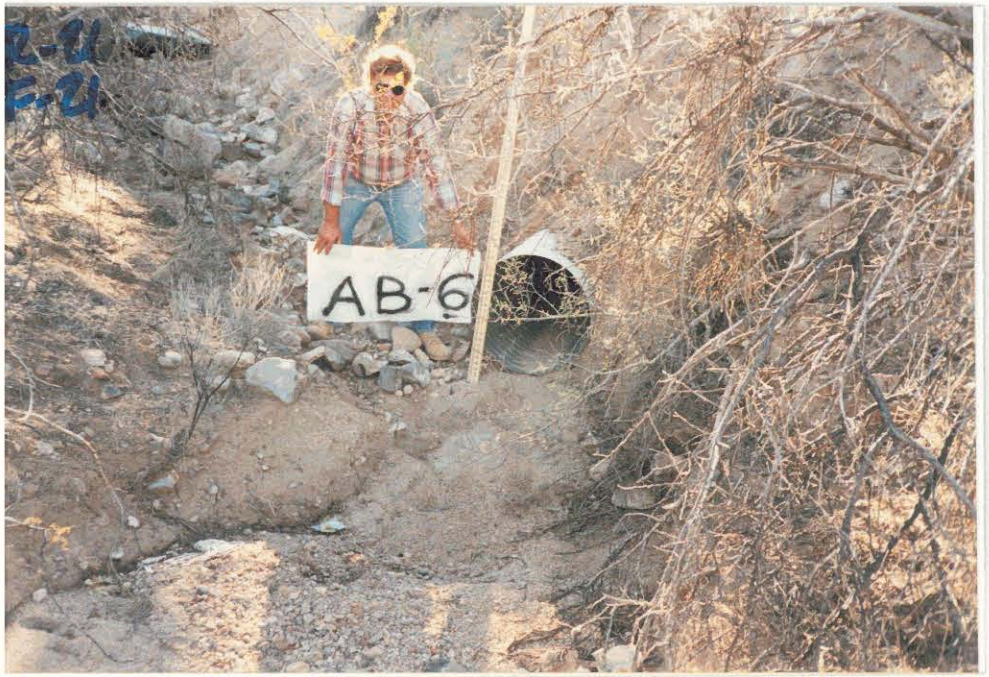
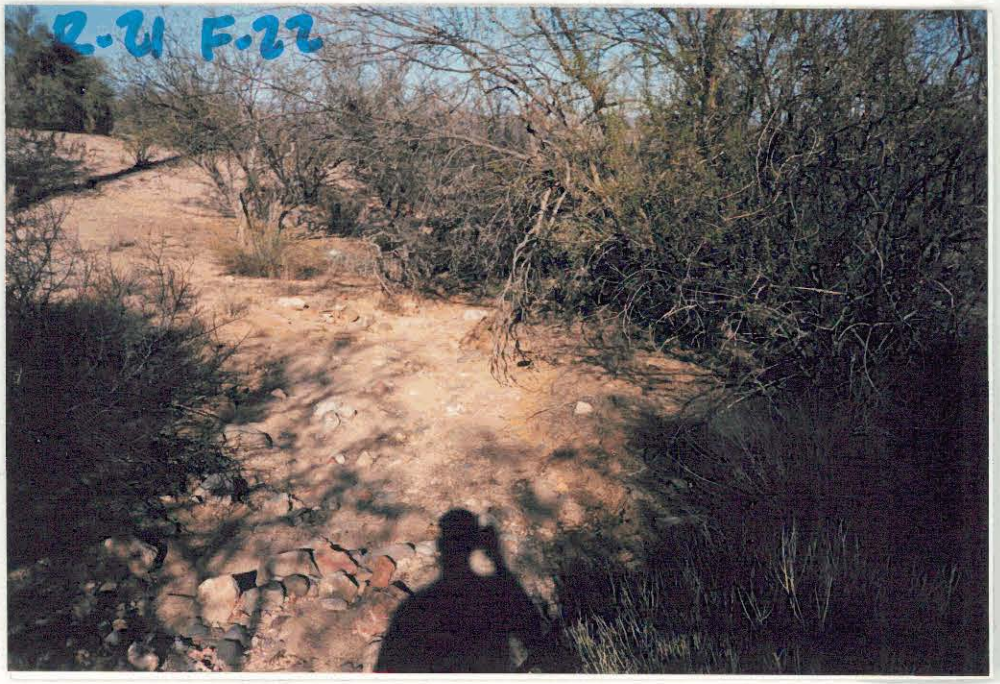
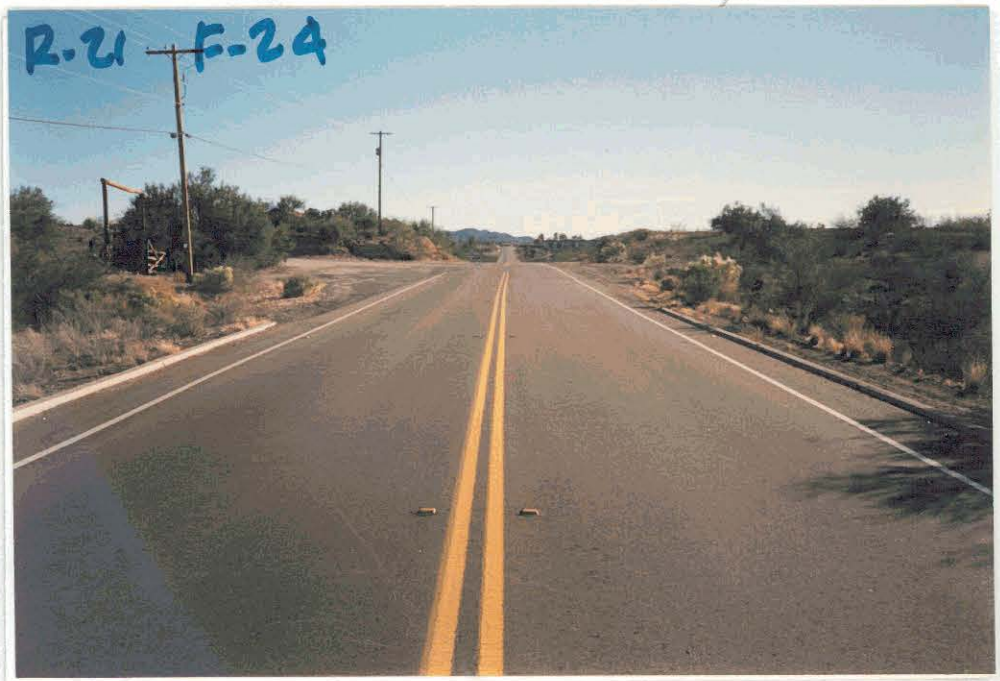
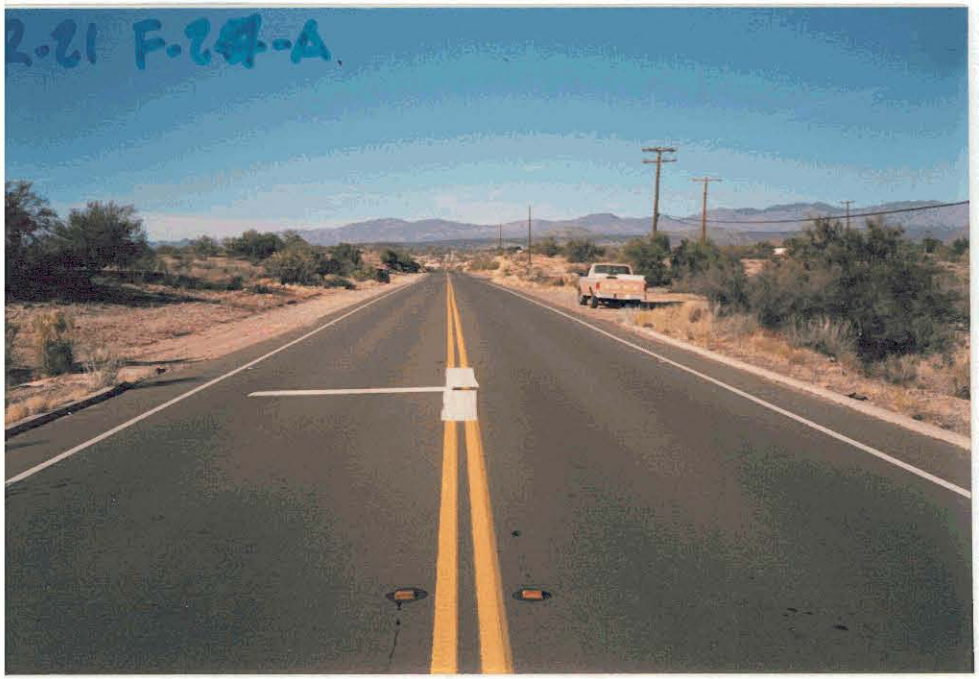






R-21 F-23


R-21 F-24


R-21 F-24-A

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-7

LOCATION/ADDRESS VULTURE MINE RD., ± 150 FT. SOUTH OF YUCCA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

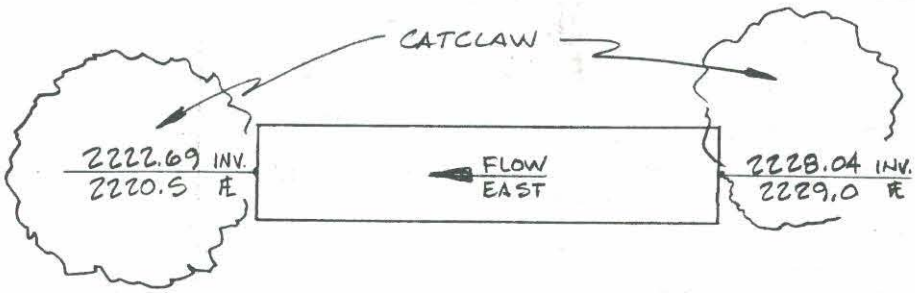
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

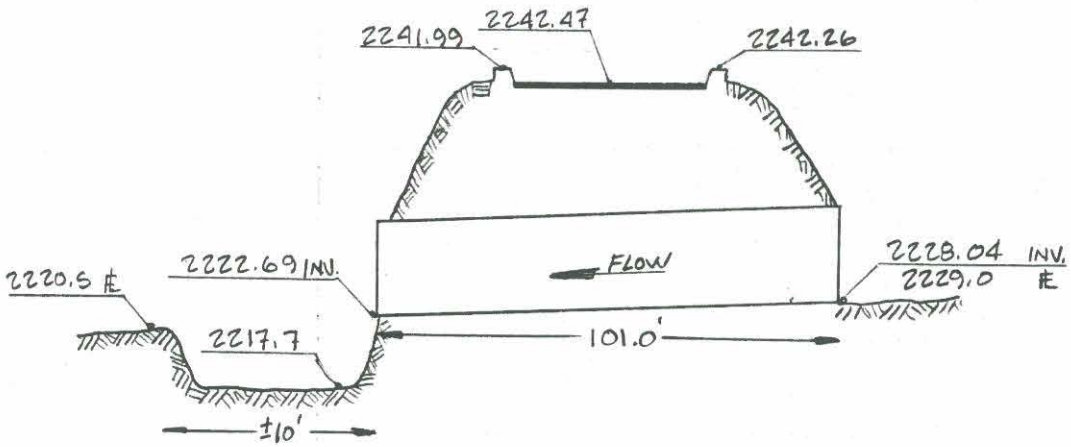
HEADWALLS : YES ☐, NO ■, COND. ____

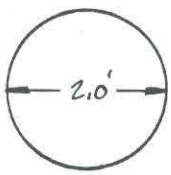
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 14.4 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	−	ELEVATION	BENCHMARK
307	1.41			2246.08
A		19.45	2228.04	
B		18.5	2229.0	
C		5.23	2242.26	
D		5.02	2242.47	
E		5.50	2241.99	
F		24.80	2222.69	
G		29.8	2217.7	
H		27.0	2220.5	
T.P.		4.34		
A	3.83			
307		0.99	2246.09	2246.08

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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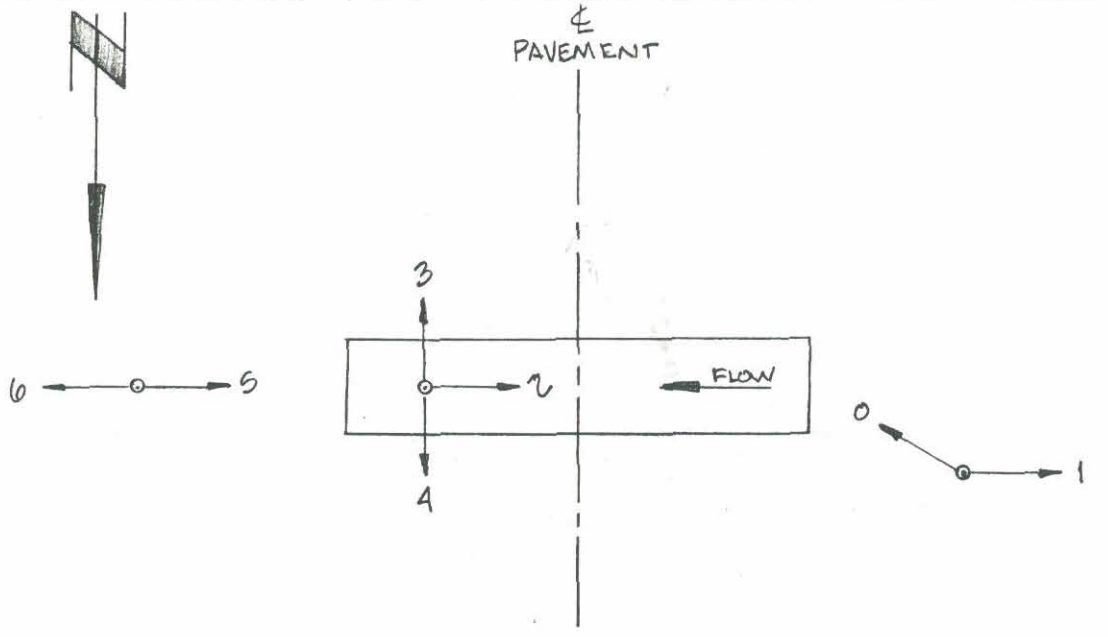
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-7

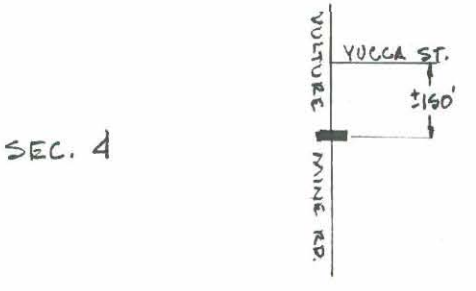
DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 22



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.

DENSE VEGITATION AT UP & DOWN-STREAM ENDS OF STRUCTURE.



SEC. 4

SEC. 3

T.7N., R.5W.
LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
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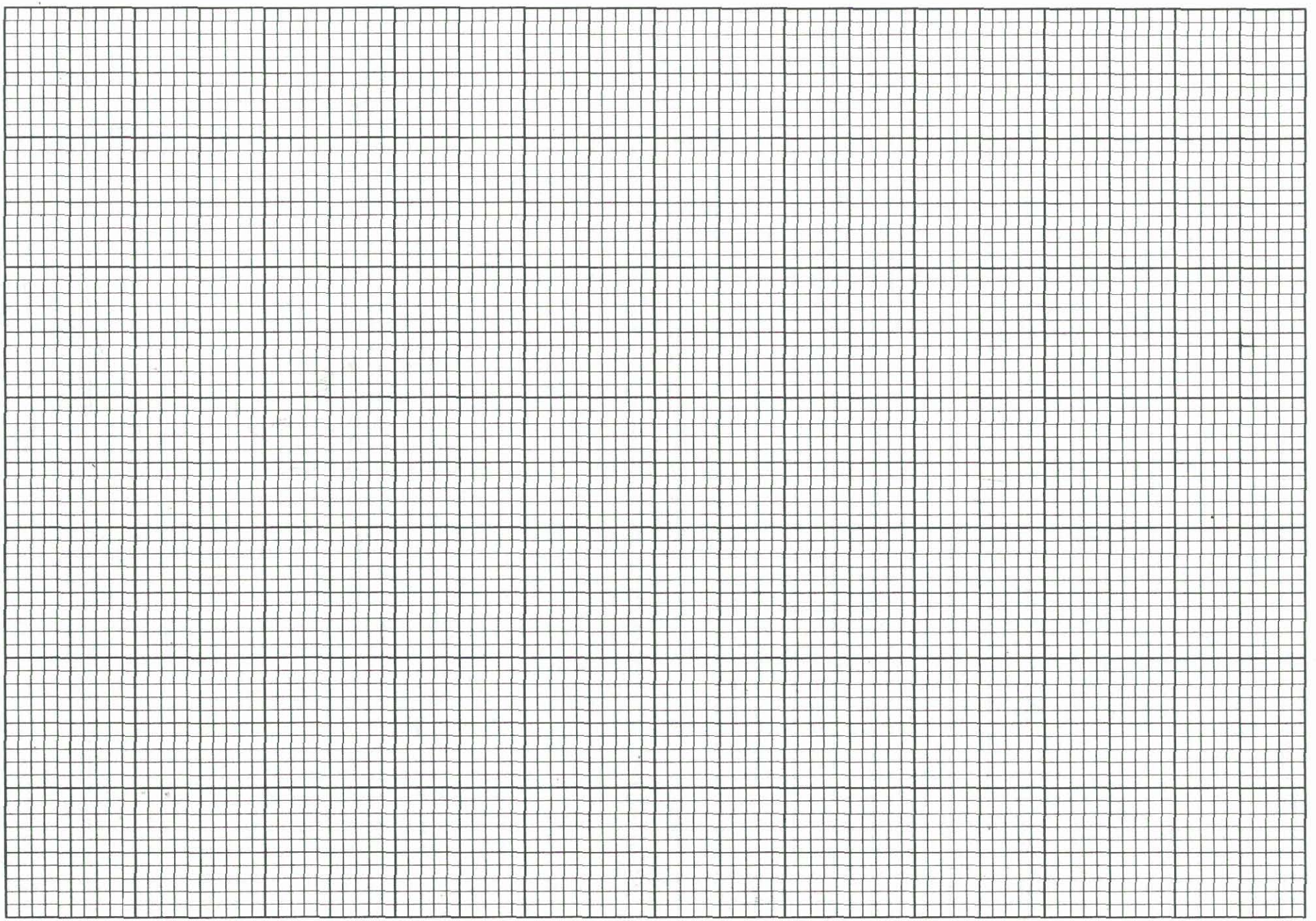

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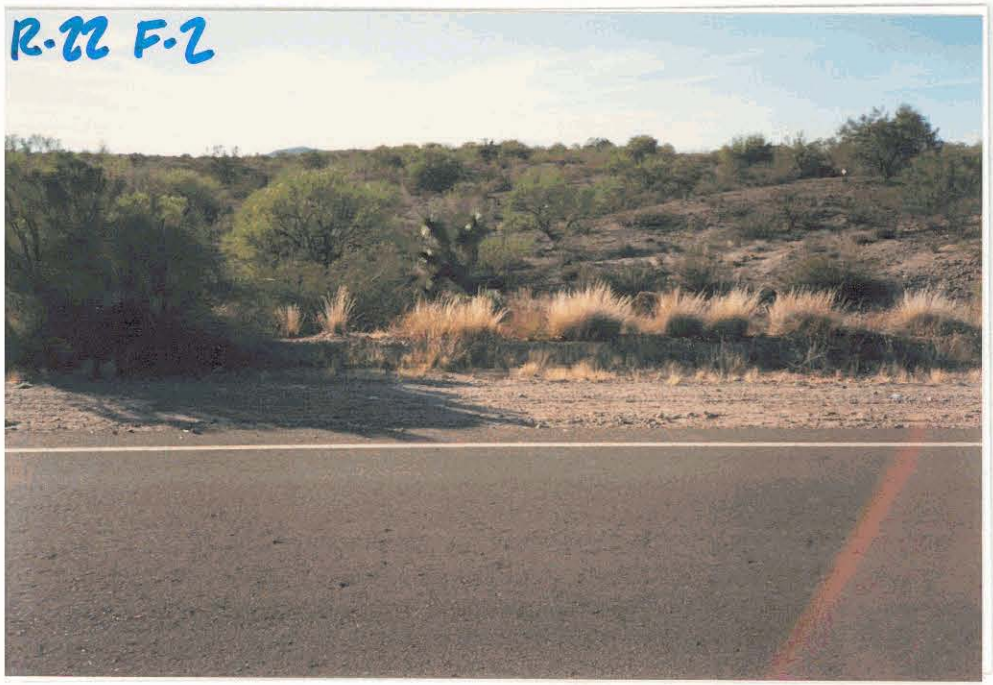
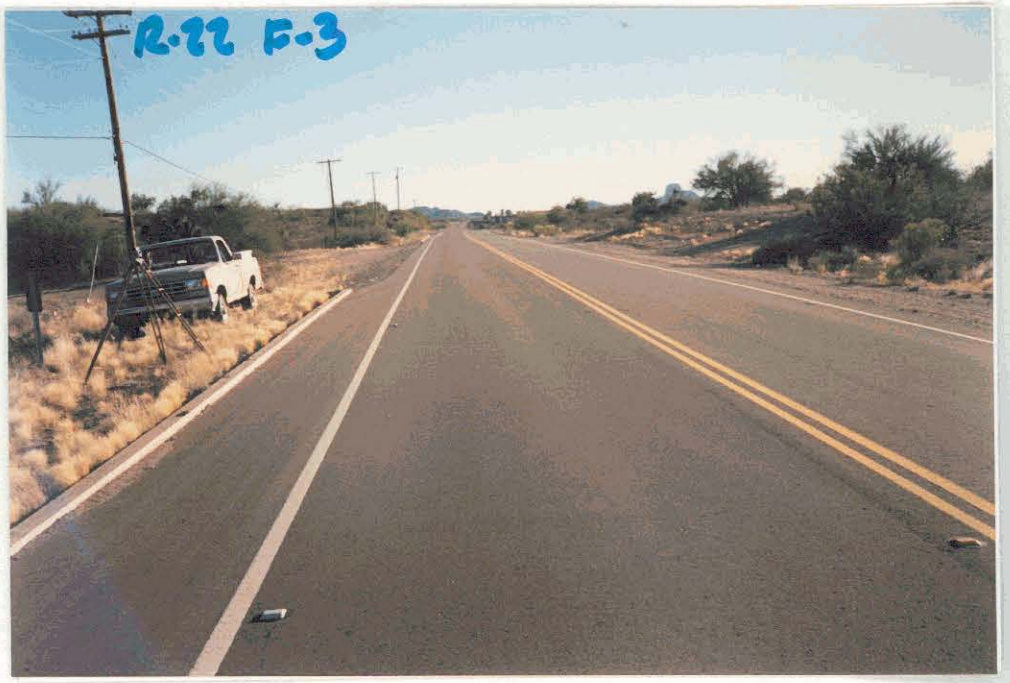
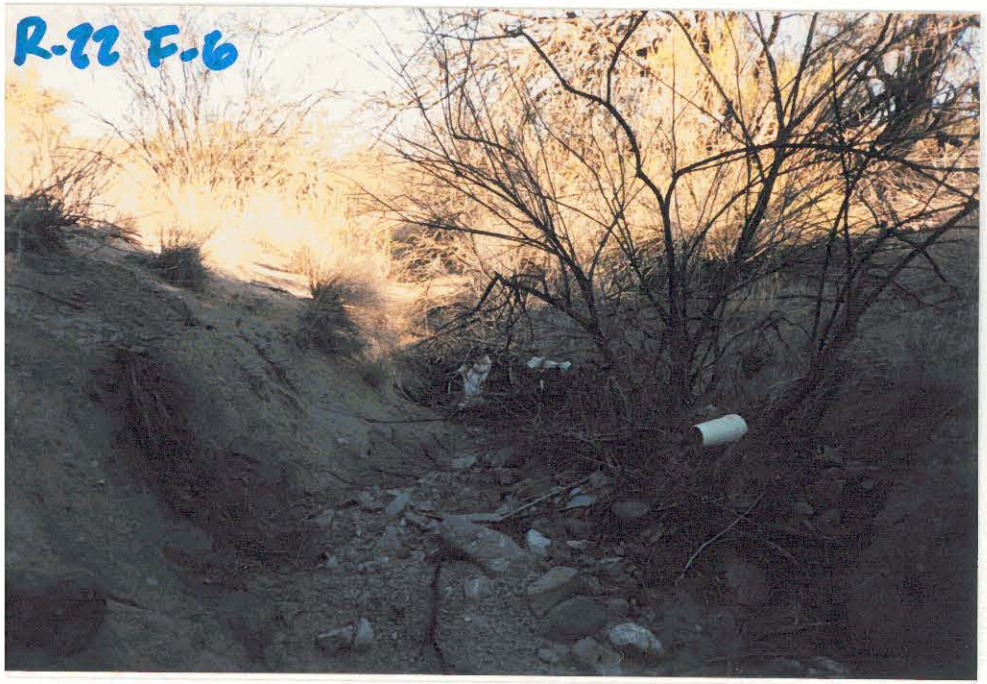




R-22 F-4

R-22 F-5
AB-7


R-22 F-6

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-8

LOCATION/ADDRESS VULTURE MINE RD., ± 400 FT. NORTH OF YUCCA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

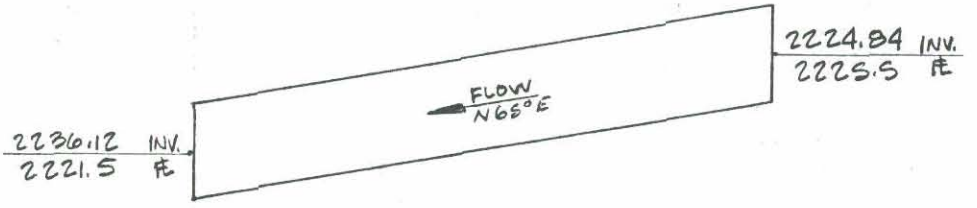
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

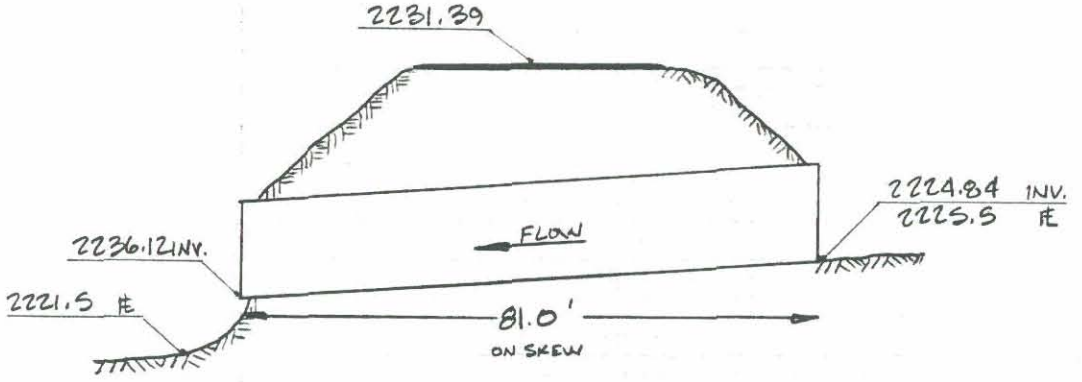
HEADWALLS : YES ☐, NO ■, COND. ——

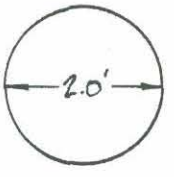
WINGWALLS : YES ☐, NO ■, COND. ——

DEPTH OF AVAILABLE HEADWATER: ± 6.6 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-B	4.64			2231.48
A		11.23	2224.84	
B		10.6	2225.5	
C		4.73	2231.39	
D		13.25	2220.12	
E		14.6	2220.5	
T.P.		6.08		
N	6.57			
TBM AB-B		5.15	2231.46	2231.48

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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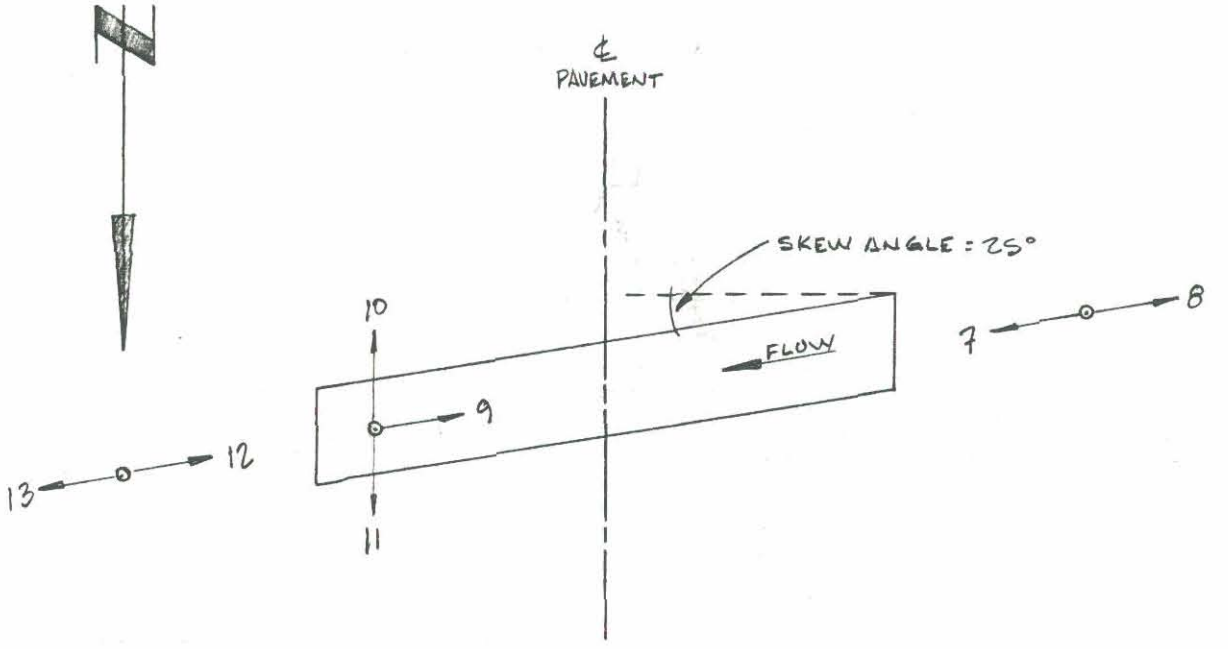
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

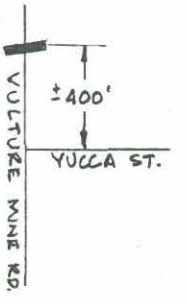
STRUC. NO. AB-8

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 22



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.



SEC. 4

SEC. 3

T.7N., R.5W.

LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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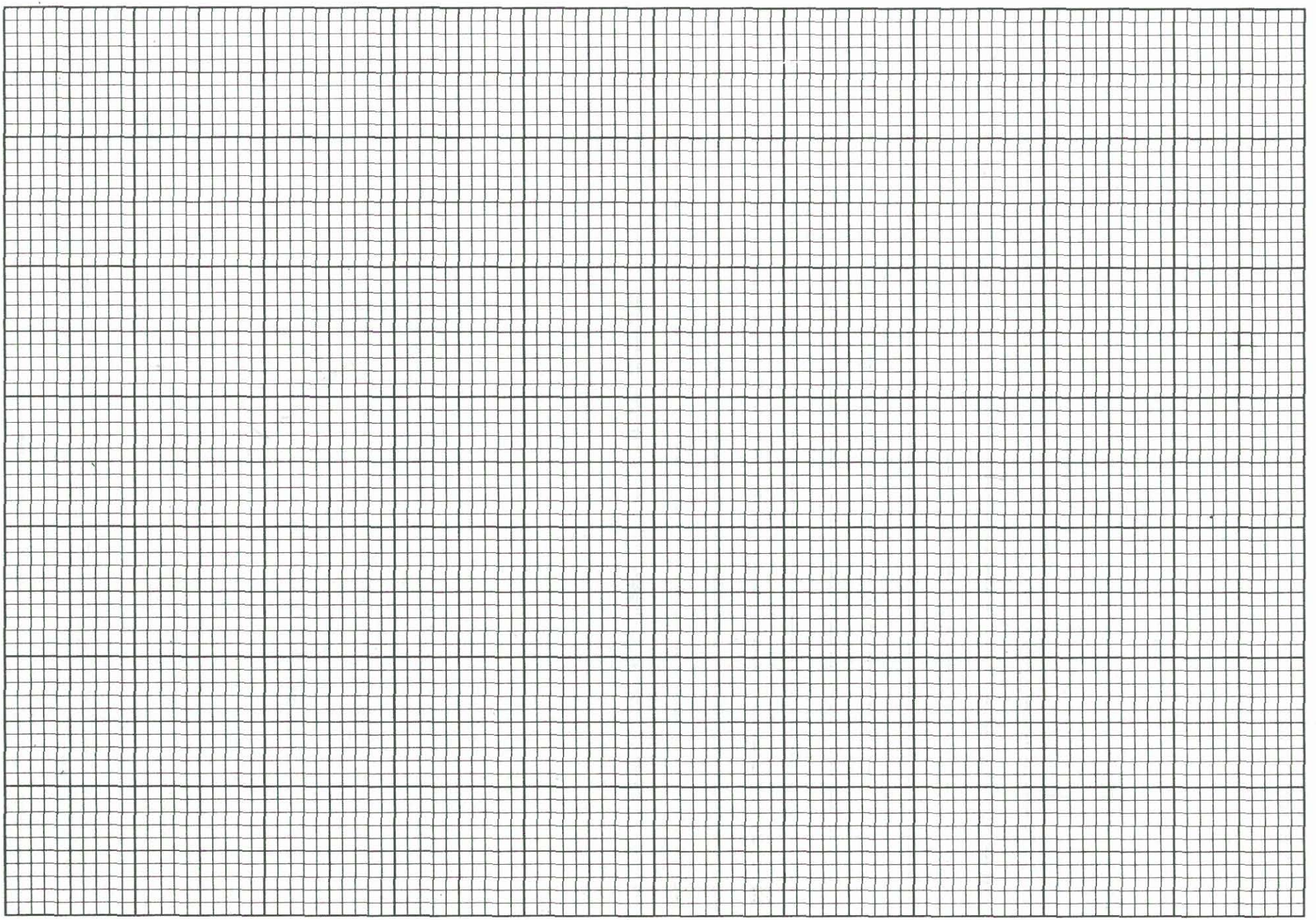

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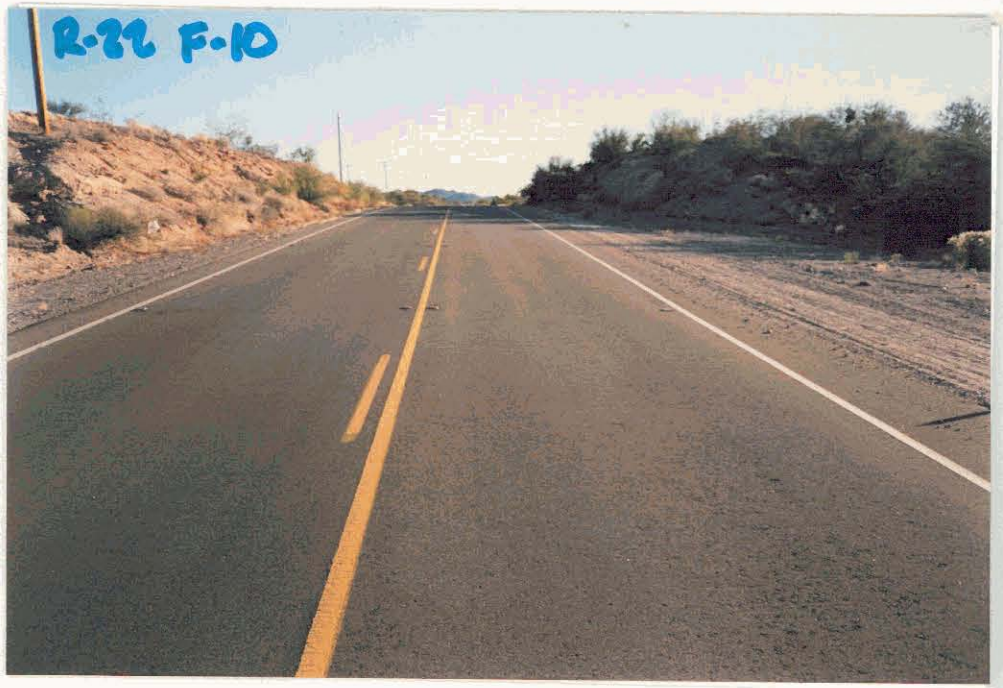
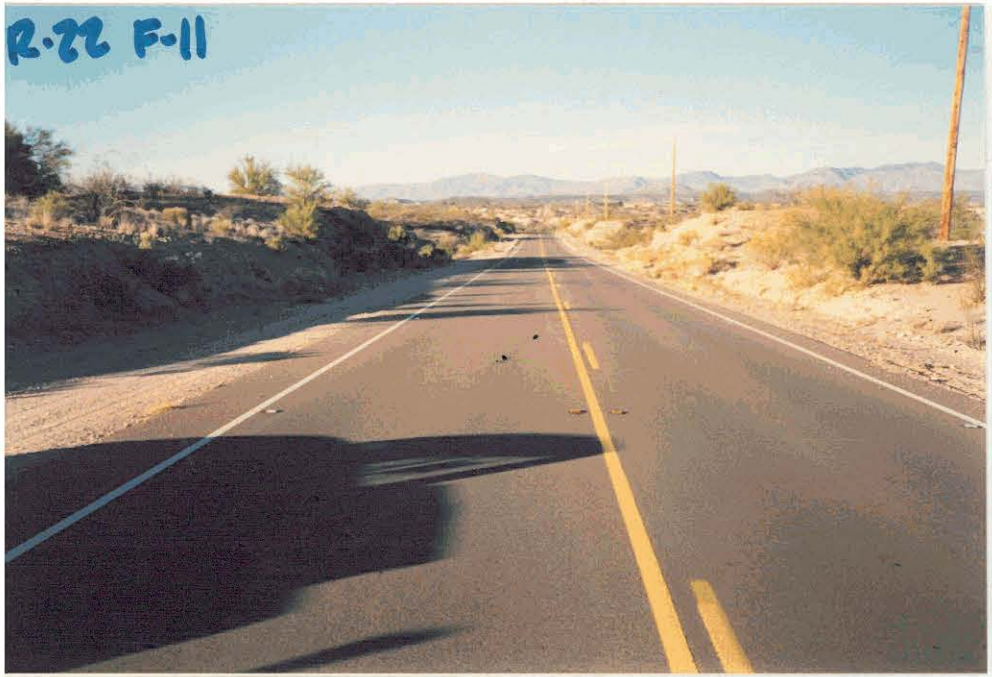




STOCK# FFV840-000

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-9

LOCATION/ADDRESS VULTURE MINE RD., ± 900 FT. NORTH OF YUCCA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.6 FT.			COUNTY
WOOD B.				
OTHER				

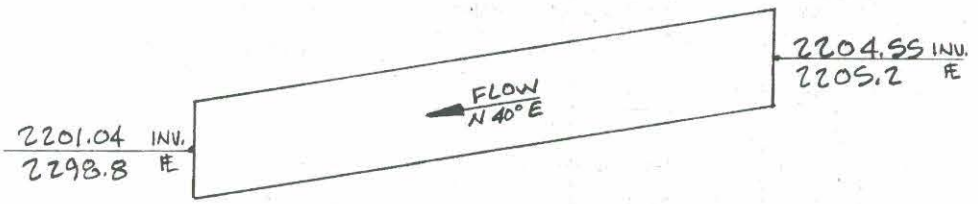
STRUC. COND.: GOOD ■, FAIR □, POOR □

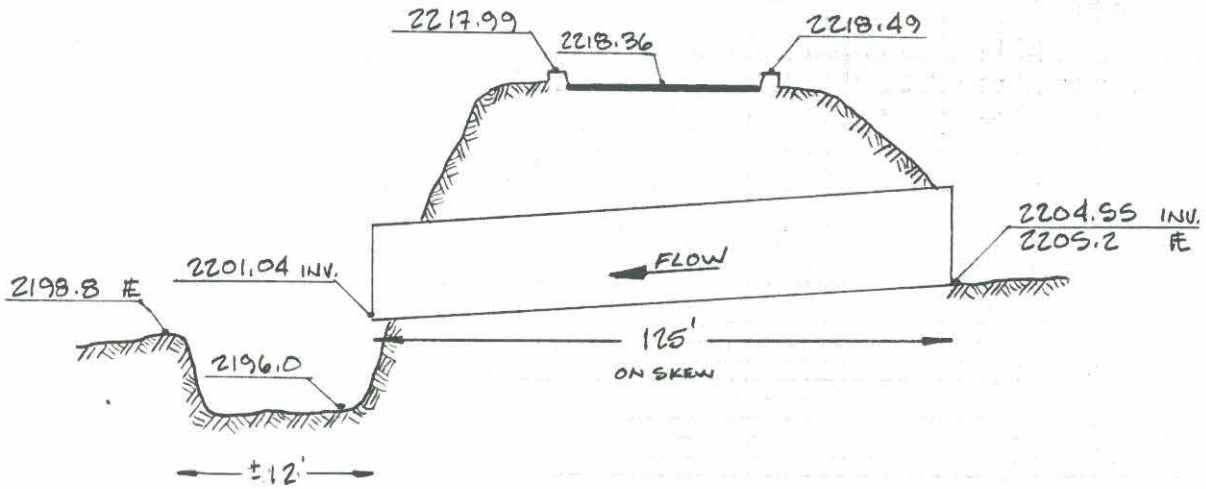
HEADWALLS : YES □, NO ■, COND. ____

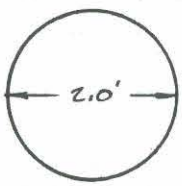
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 14 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCH MARK
TBM AB-9	5.48			2218.16
A		19.09	2204.55	
B		18.4	2205.2	
C		5.15	2218.49	
D		5.28	2218.36	
E		5.65	2217.99	
F		22.60	2201.04	
G		27.6	2196.0	
H		24.8	2198.8	
T.P.		4.70		
X	4.02			
TBM AB-9		4.80	2218.16	2218.16

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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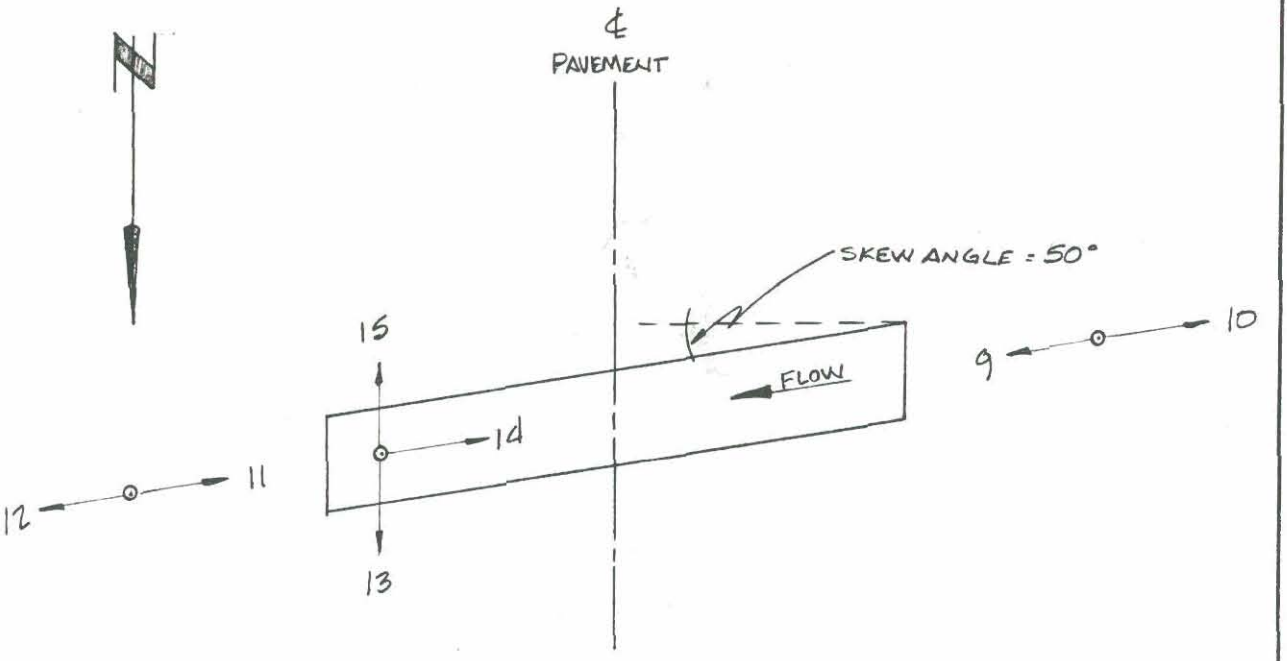
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-9

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO.

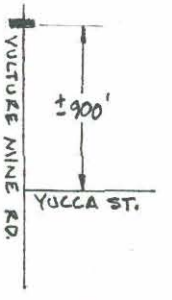
ROLL NO. 23



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.

DEEP SCOUR HOLE AT DOWN-STREAM END OF STRUCTURE.



SEC. 4

SEC. 3

T.7N., R.5W.

LOCATION MAP

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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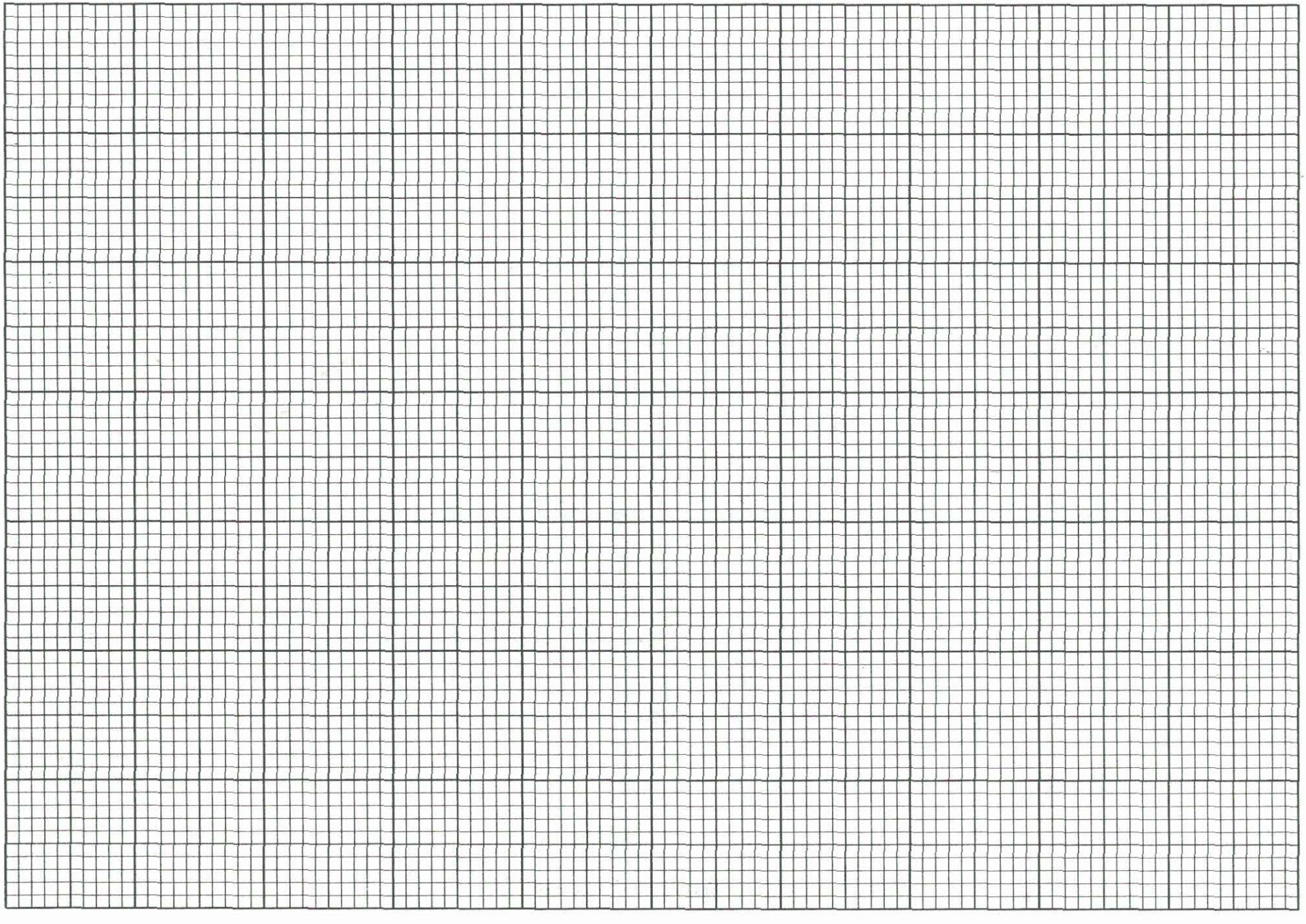

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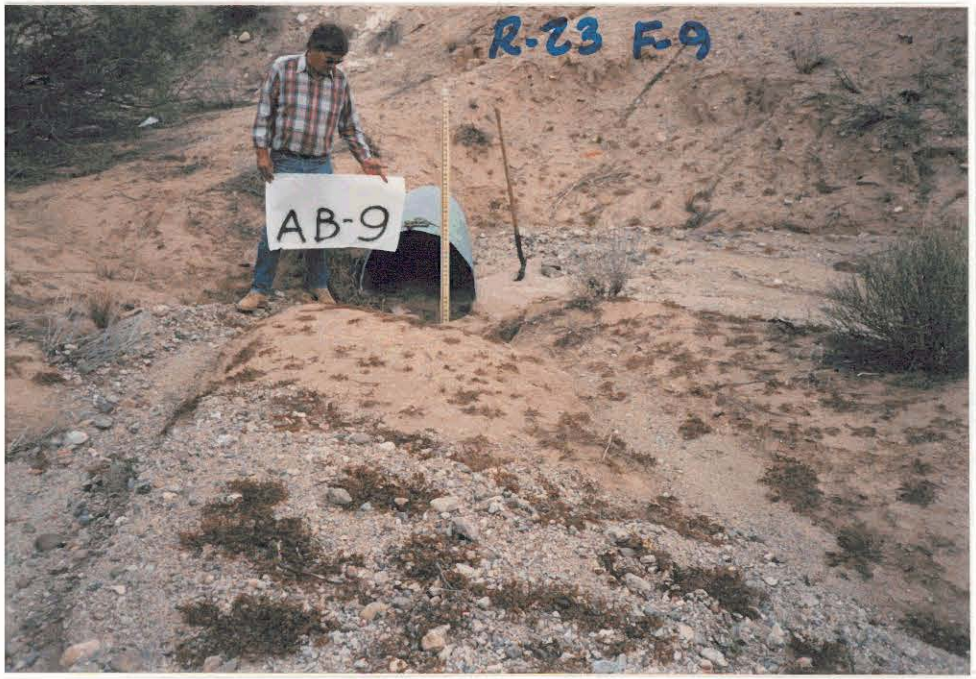
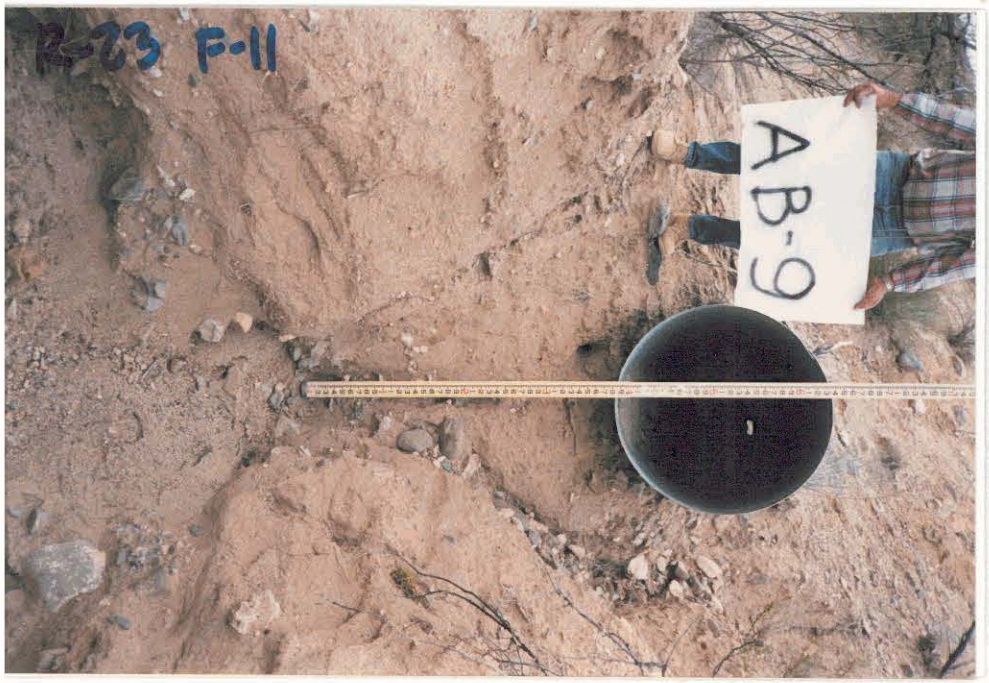




R-23 F-13

R-23 F-14

R-23 F-15

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-10

LOCATION/ADDRESS VULTURE MINE RD. ± 1200 FT. NORTH OF YUCCA ST..

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

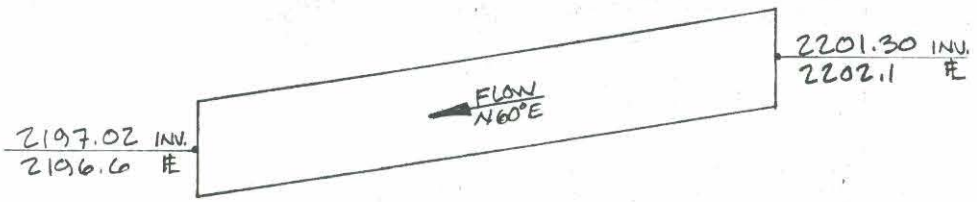
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

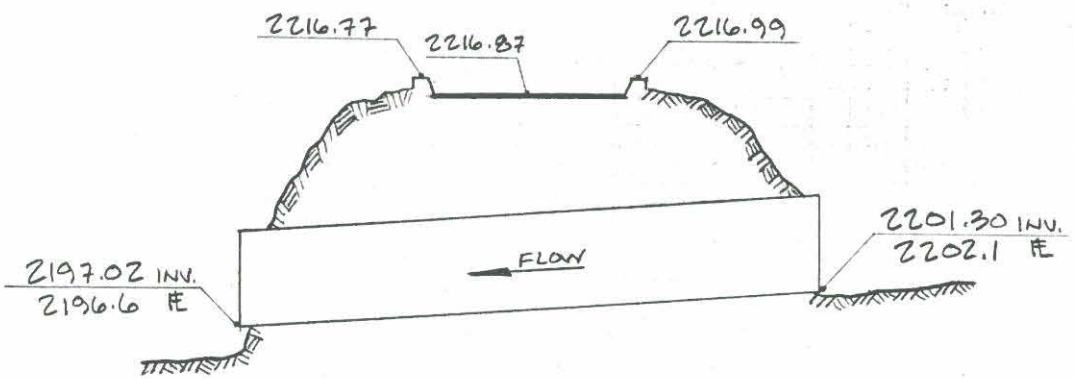
HEADWALLS : YES ☐, NO ■, COND. ____

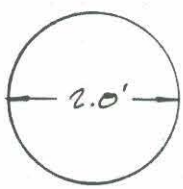
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 15.7 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-10	4.19			2217.14
A		20.03	2201.30	
B		19.1	2202.1	
C		4.34	2216.99	
D		4.46	2216.87	
E		4.56	2216.77	
F		24.31	2197.02	
G		24.7	2196.6	
T.P.		4.05		
A	5.16			
TBM AB-10		5.30	2217.14	2217.14

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

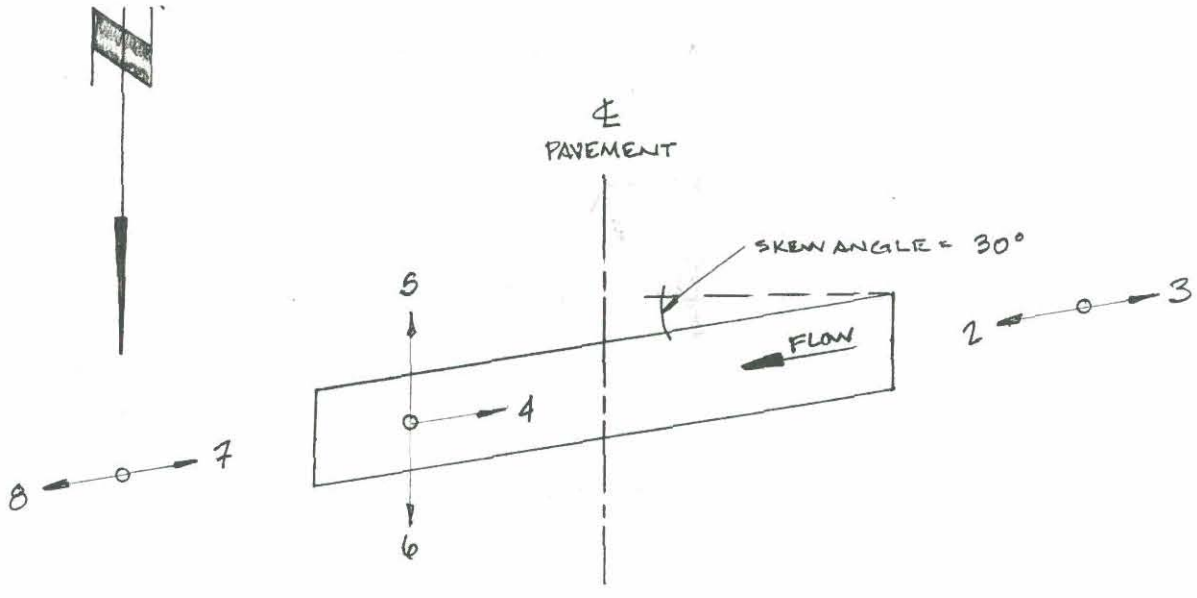
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-10

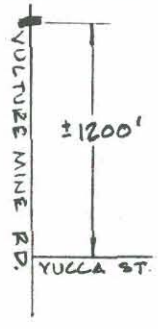
DIRECTION OF PHOTO ○——► 7 & FRAME NO.

ROLL NO. 23



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.



SEC. 4

SEC. 3

T.7N., R.5W.

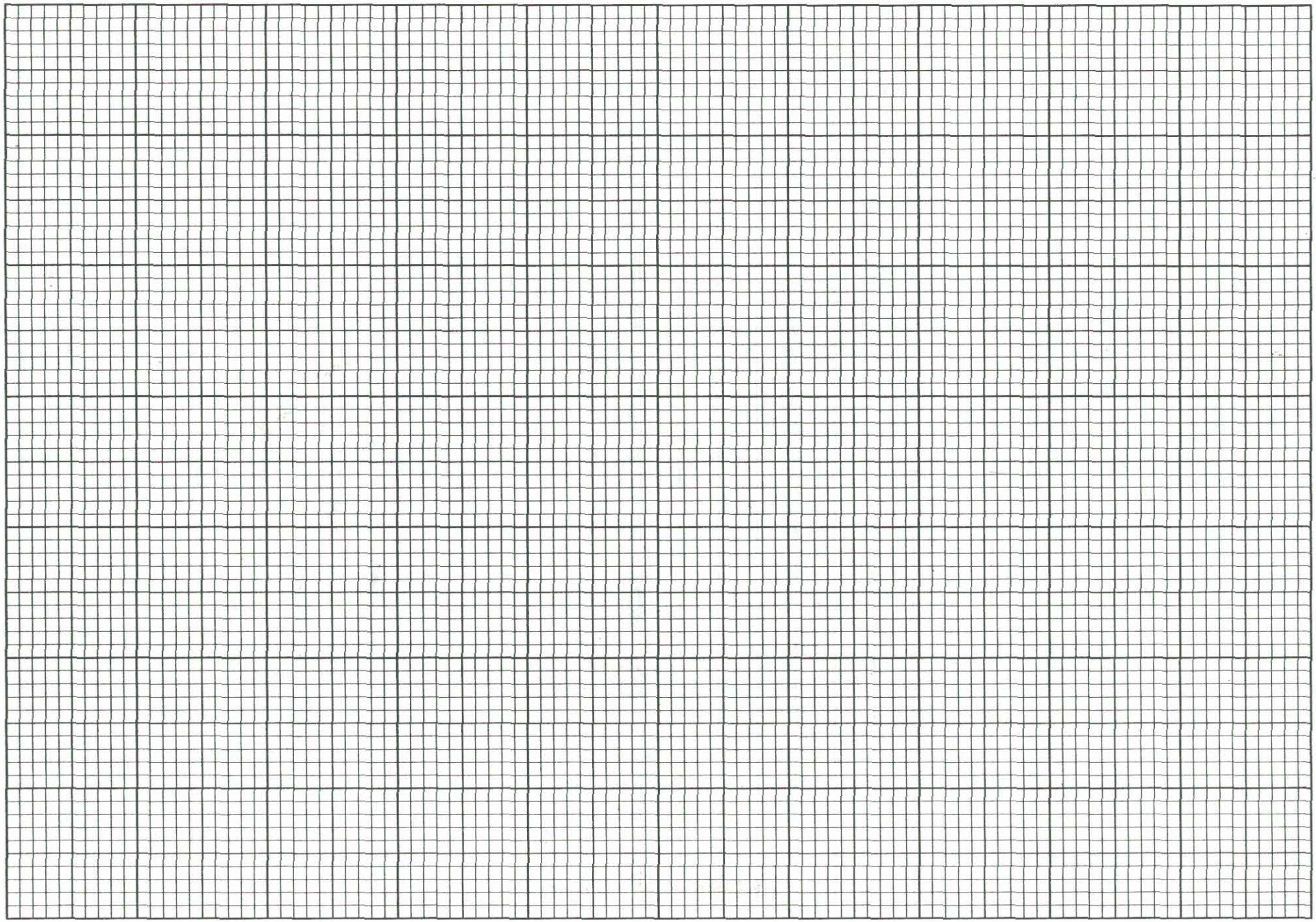
LOCATION MAP

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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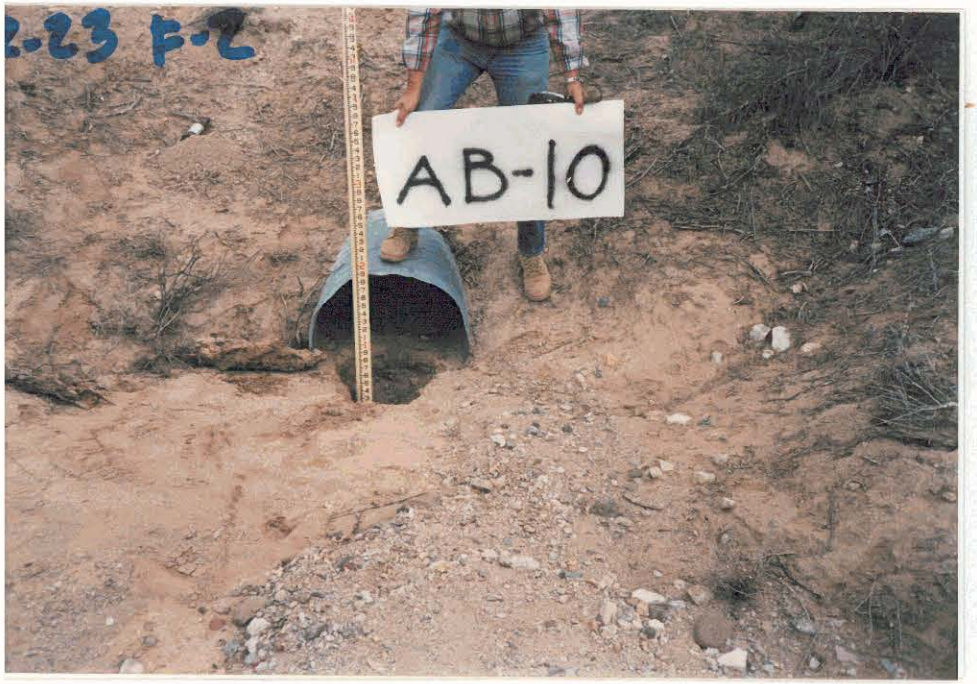
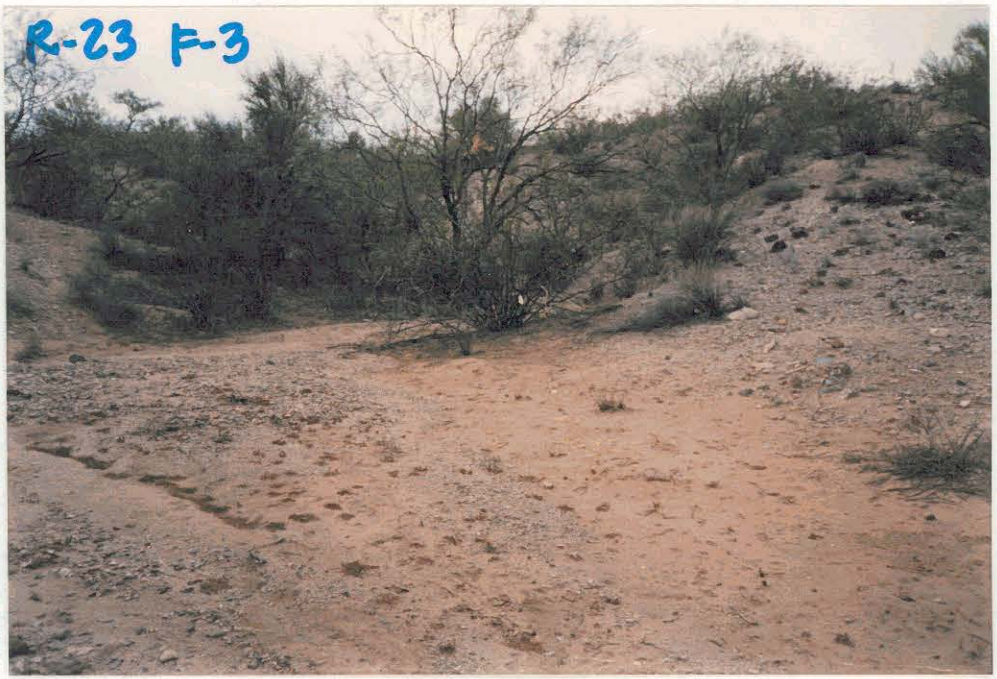
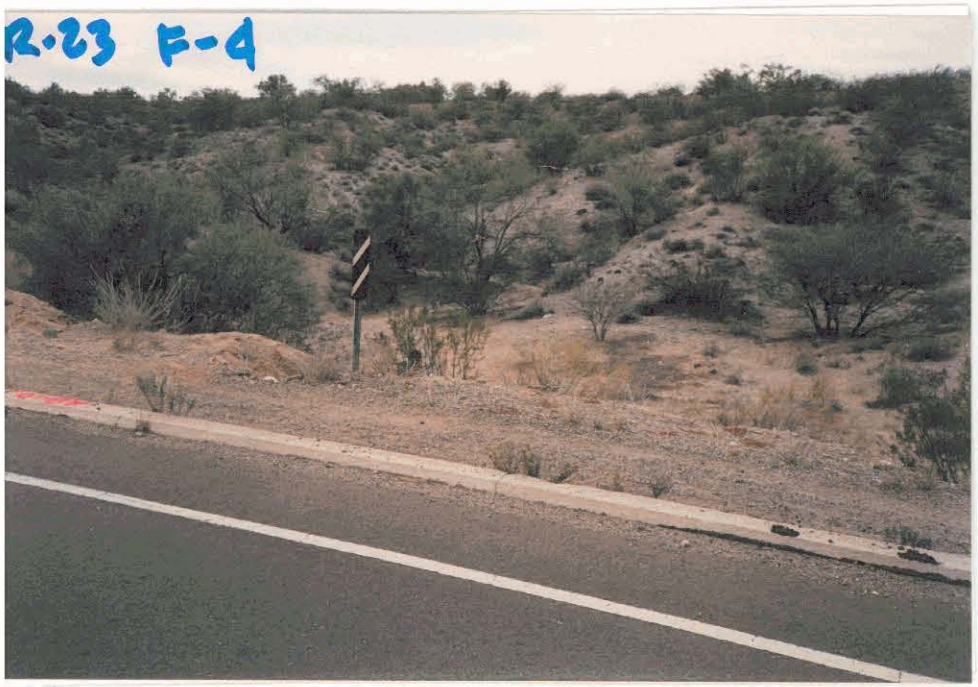
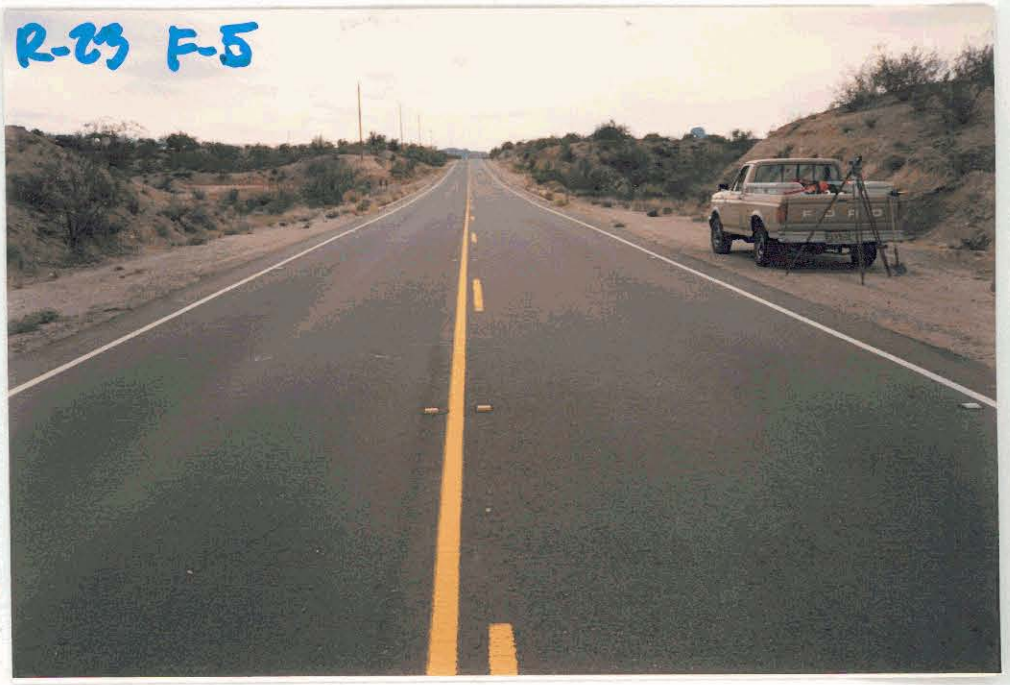
1-800-767-0777
STOCK# PPV840-000

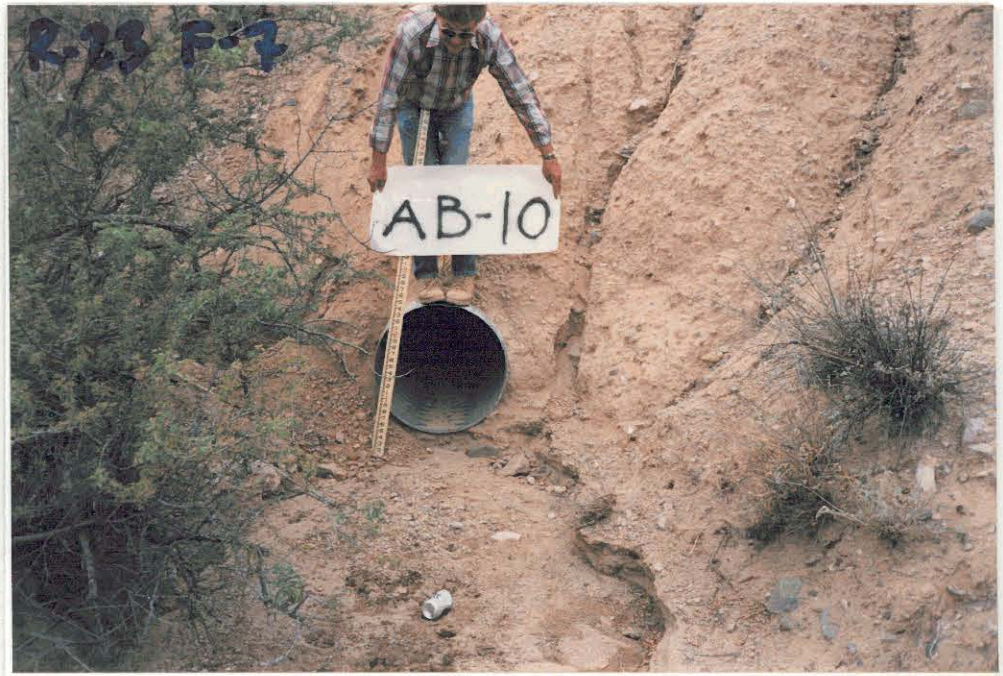








R-23 F-6


R-23 F-7
AB-10

R-23 F-8

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-11

LOCATION/ADDRESS VULTURE MINE RD., ± 2000 FT. NORTH OF YUCCA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

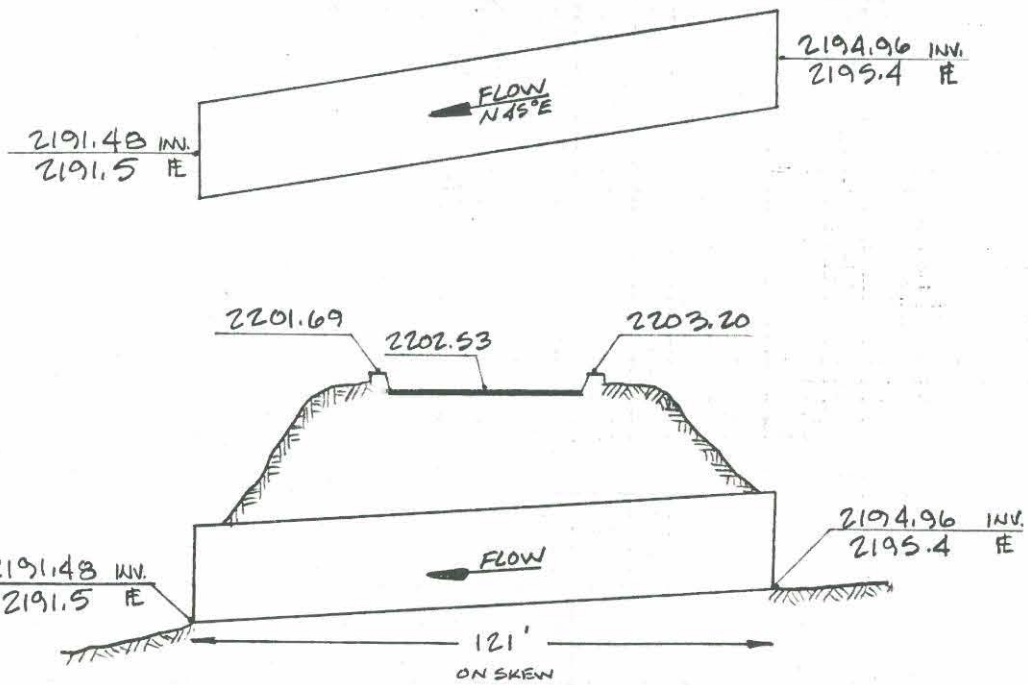
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

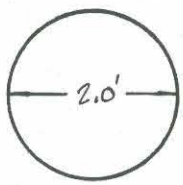
HEADWALLS: YES ☐, NO ■, COND. ____

WINGWALLS: YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 8.2 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

STATION	+	—	ELEVATION	BENCH MARK
TBM AB-11	6.75			220.85
A		13.64	214.96	
B		13.2	215.4	
C		5.40	223.20	
D		6.07	222.53	
E		6.91	221.69	
F		17.12	211.48	
G		17.1	211.5	
T.P.		7.98		
A	8.47			
TBM AB-11		7.25	220.84	220.85

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

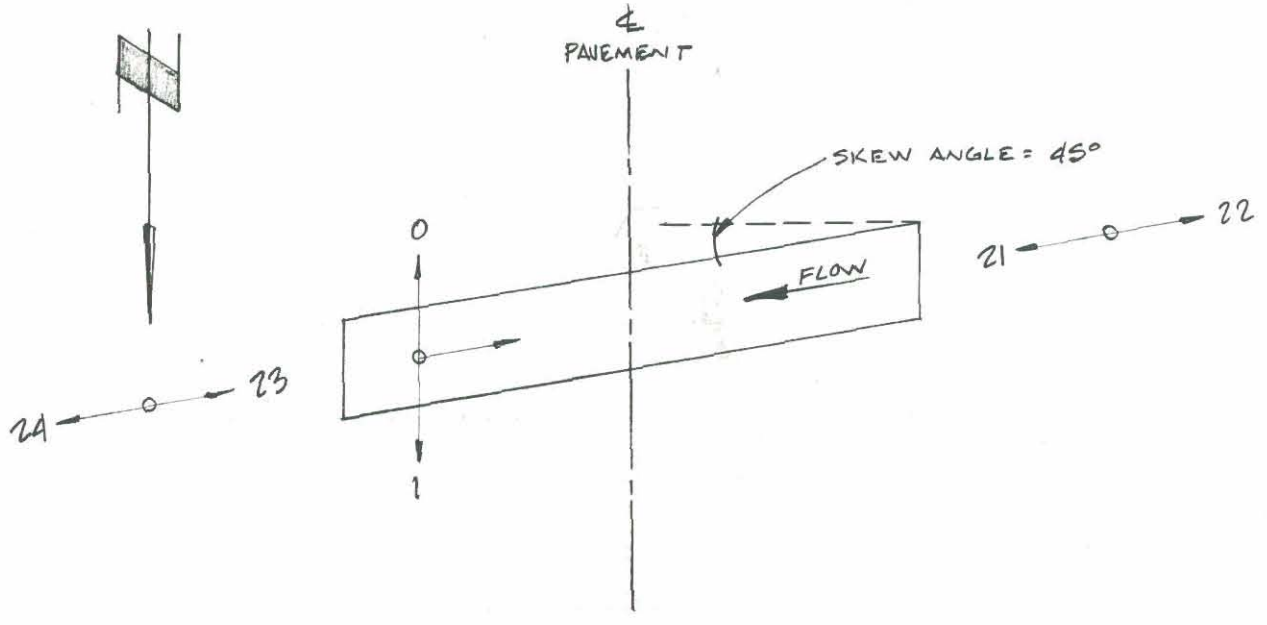
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-11

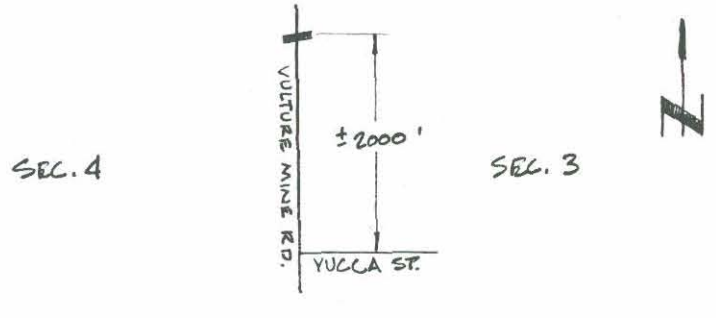
DIRECTION OF PHOTO ○——► 7 & FRAME NO.

ROLL NO. 22 & 23



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.



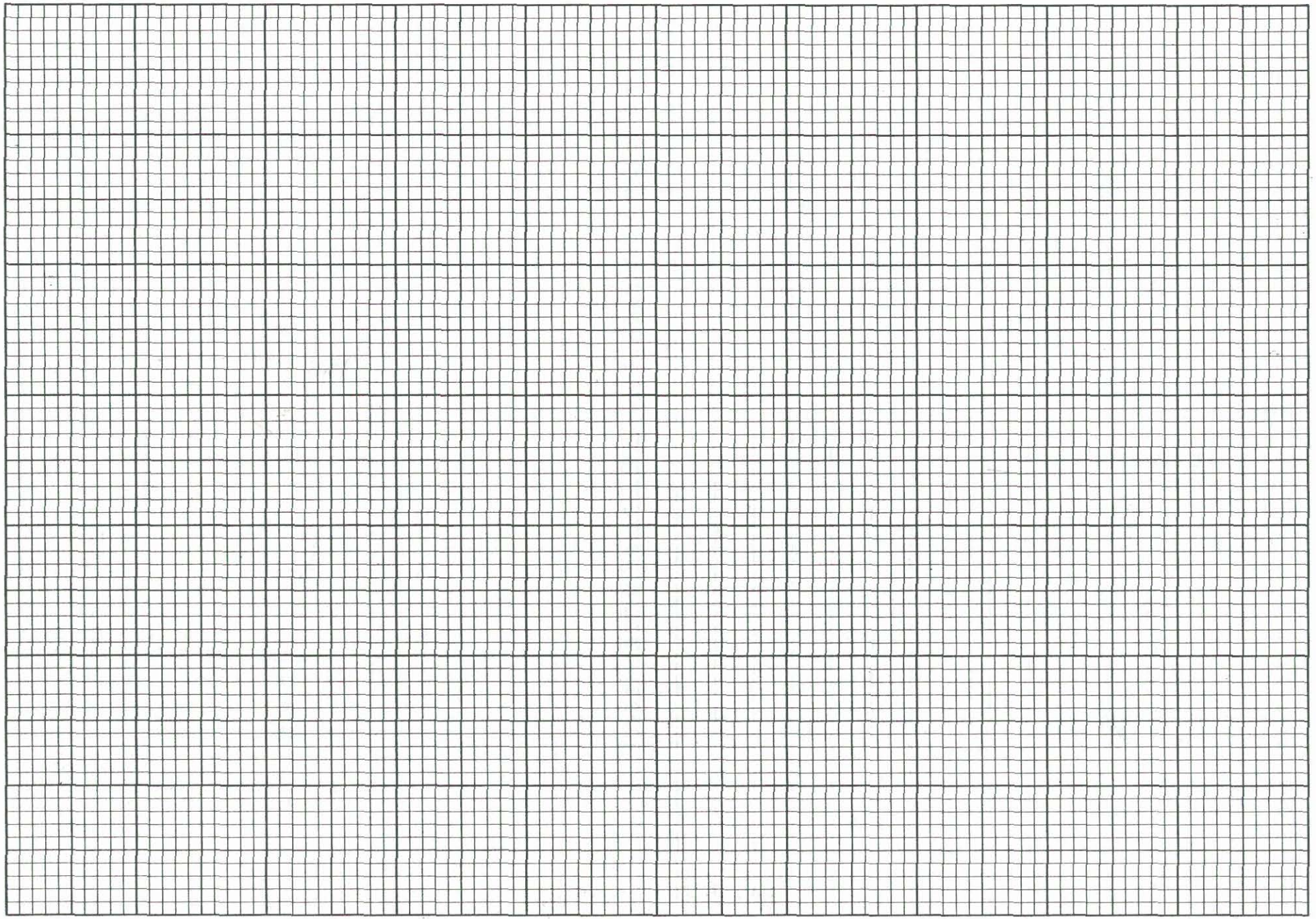
T.7N., R.5W.
LOCATION MAP

DATE: NOV. 30 1990

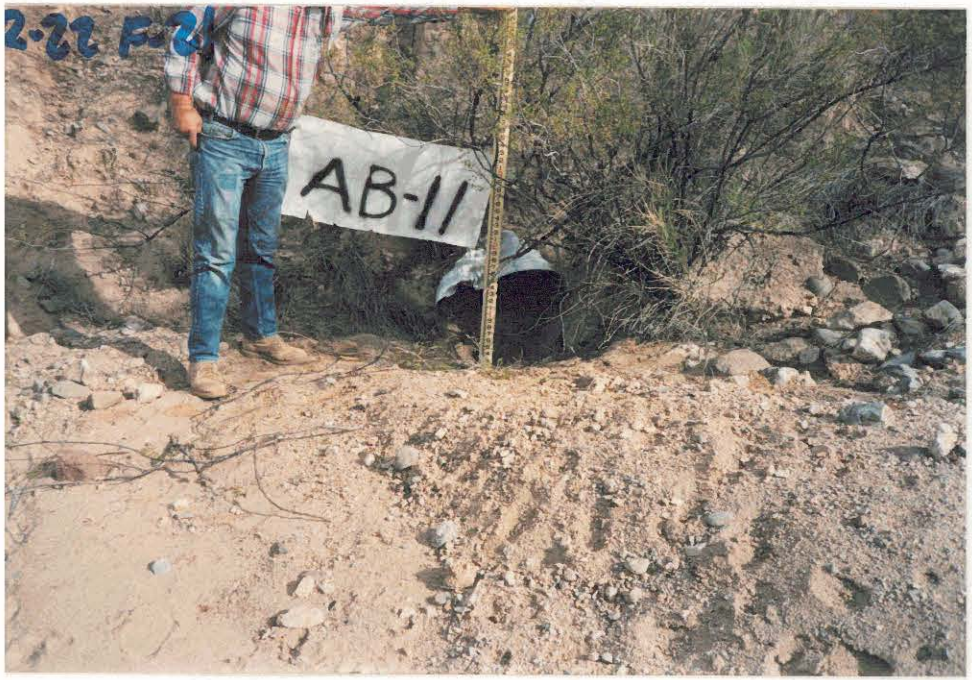
McLAIN HARBERS CO., INC.

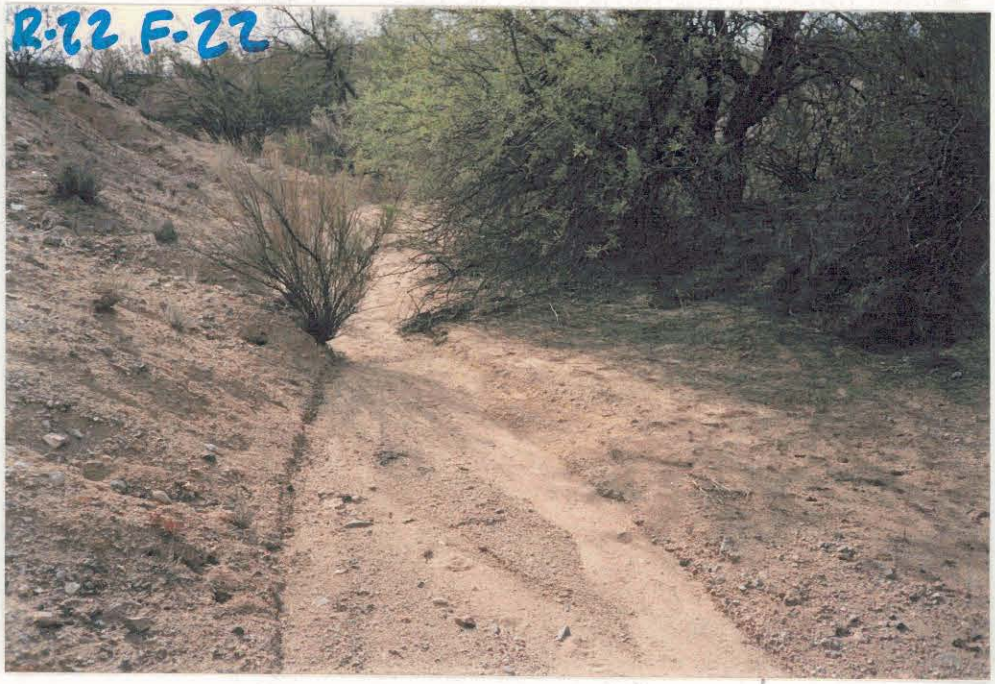
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780

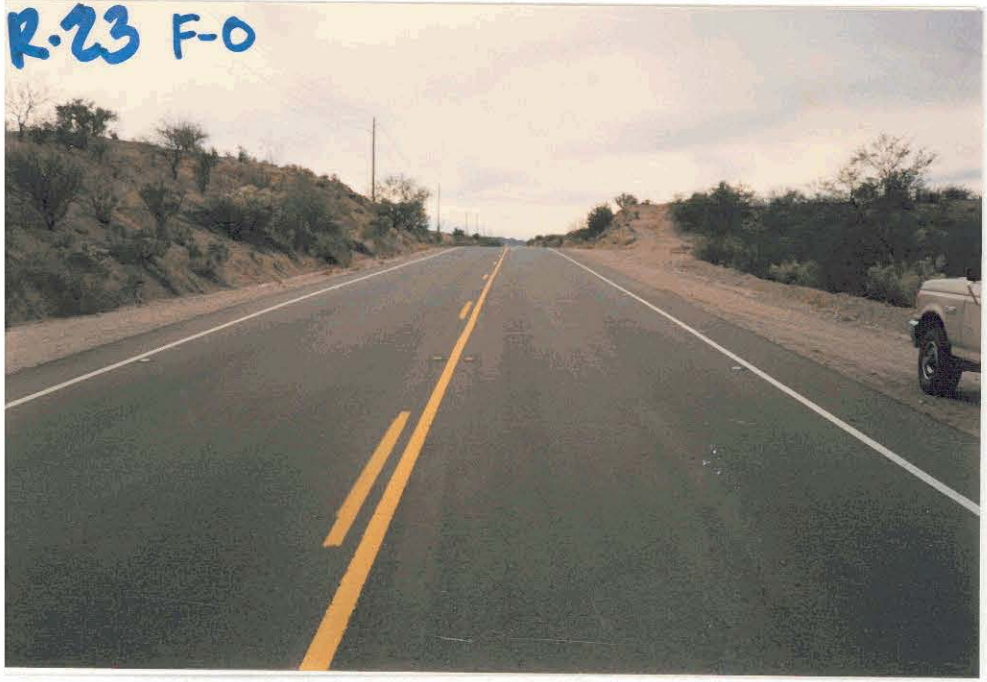


20th Century Plastics
1-800-767-0777
STOCK# PPV840-000





R-23 F-0



R-23 F-1

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-12

LOCATION/ADDRESS VULTURE MINE RD., ± 2700 FT. NORTH OF YUCCA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	3.6 FT.			COUNTY
WOOD B.				
OTHER				

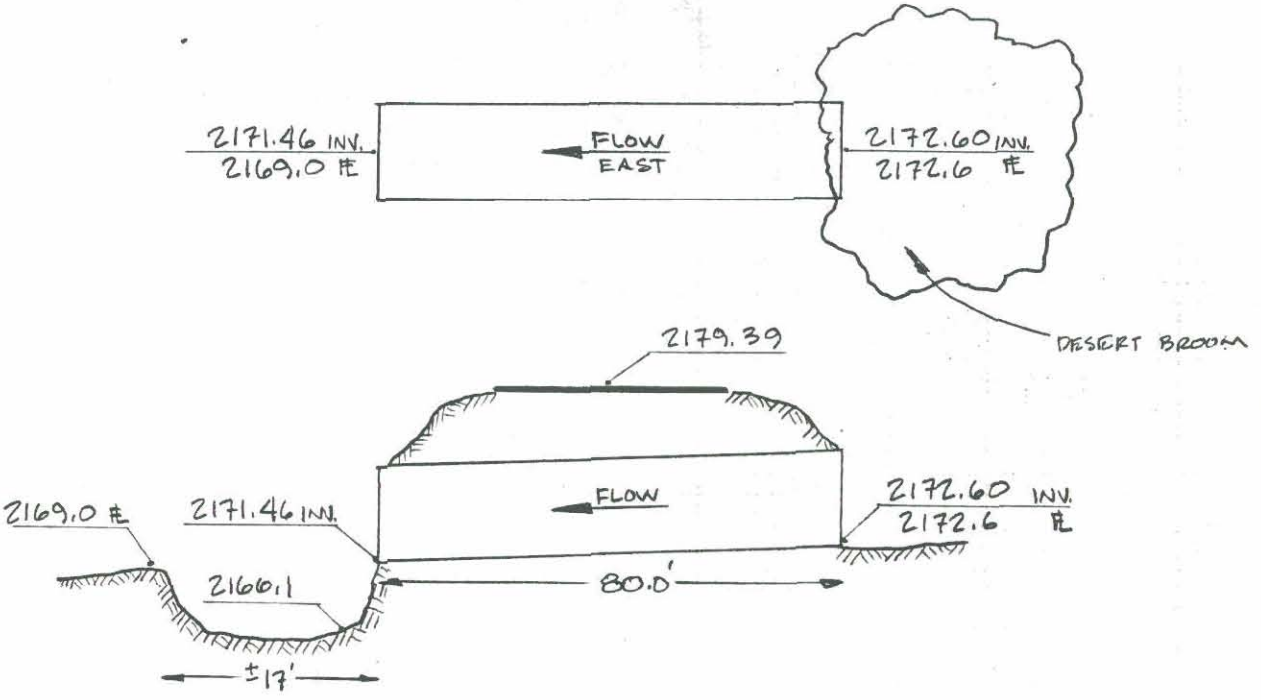
STRUC. COND.: GOOD ■, FAIR □, POOR □

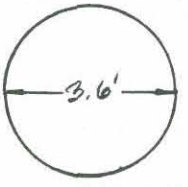
HEADWALLS : YES □, NO ■, COND. ——

WINGWALLS : YES □, NO ■, COND. ——

DEPTH OF AVAILABLE HEADWATER: ± 6.8 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 30 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-12	5.00			2179.26
A		11.166	2172.60	
B		11.16	2172.6	
C		4.87	2179.39	
D		12.80	2171.46	
E		18.2	2166.1	
F		15.3	2169.0	
T.P.		5.888		
T	6.31			
TBM AB-12		5.44	2179.25	2179.26

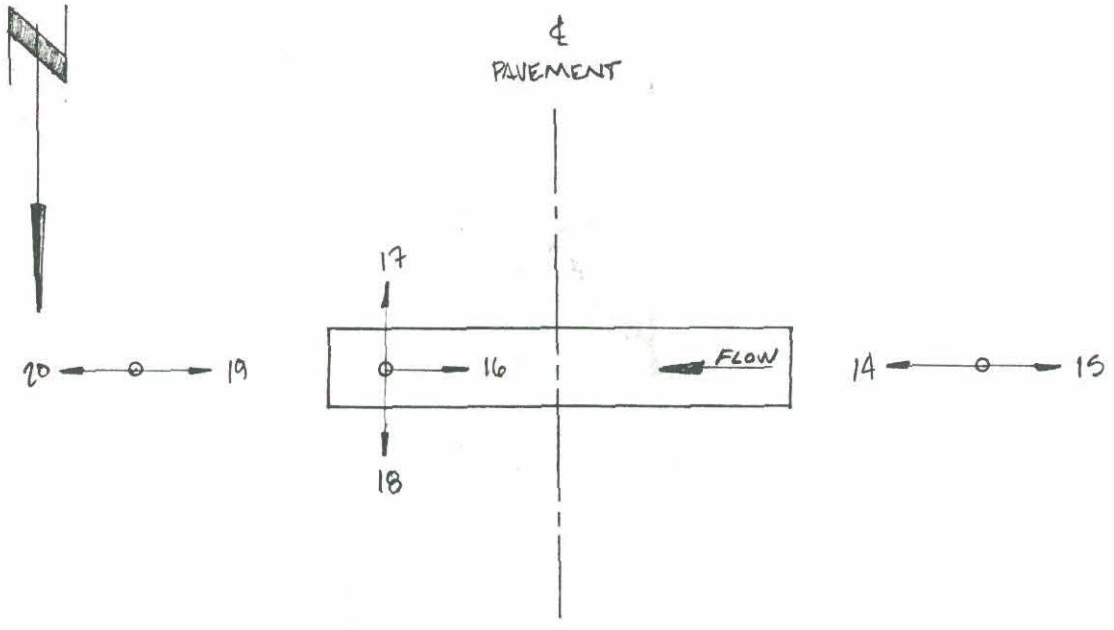
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-12

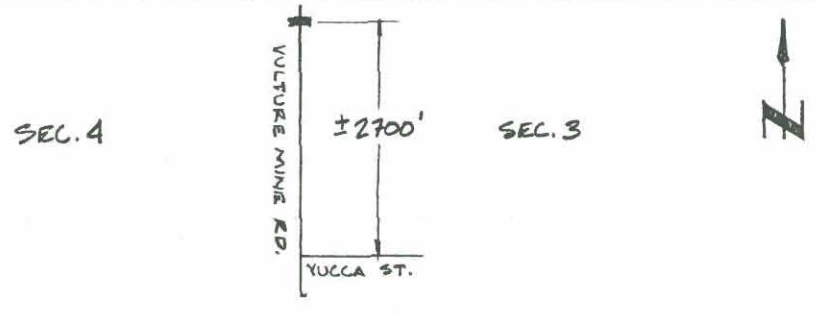
DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 22



SPECIAL NOTES:

DENSE VEGITATION AT UP-STREAM END OF STRUCTURE.

DEEP SCOUR HOLE AT DOWN-STREAM END. OF STRUCTURE.



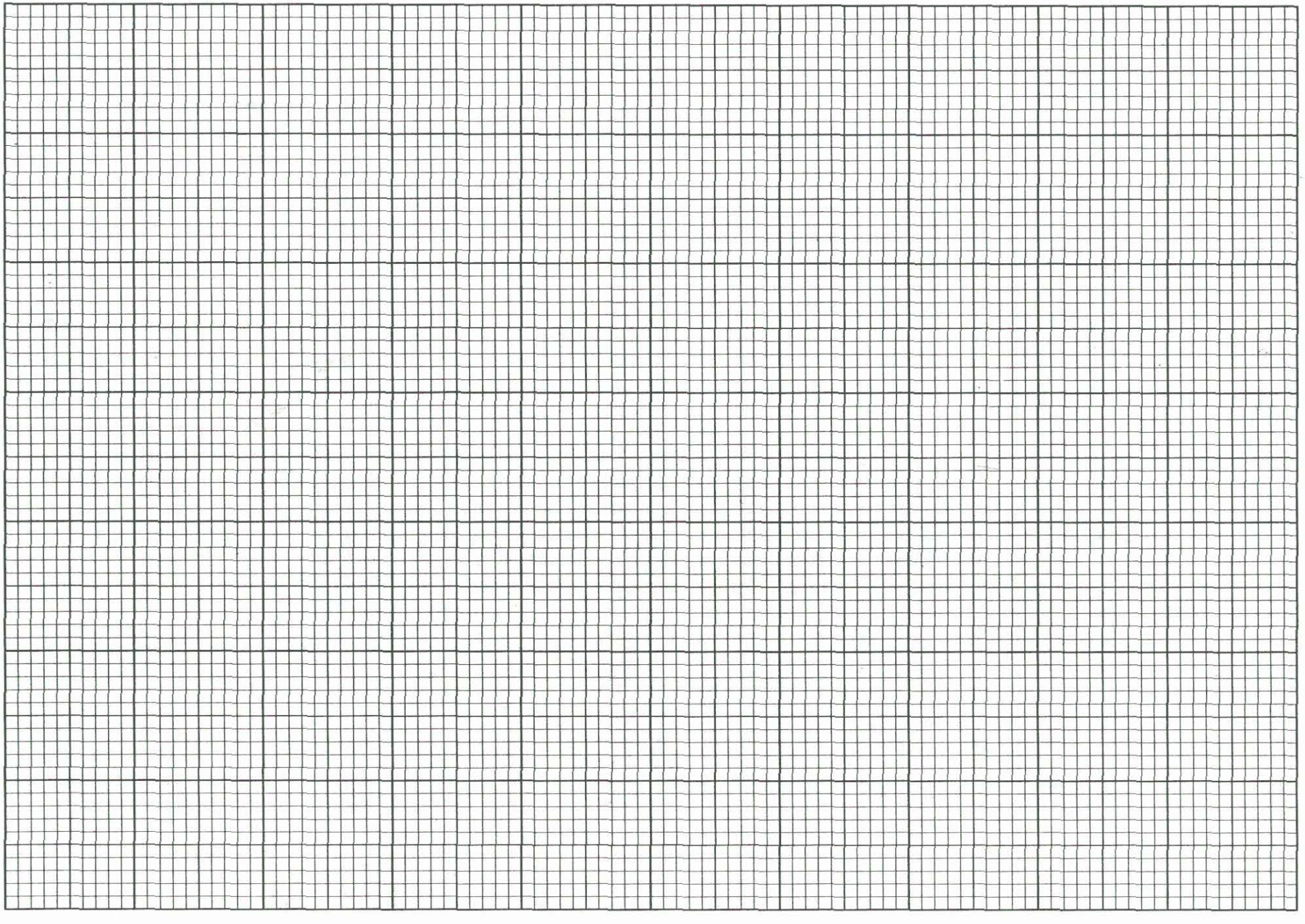
T.7N. , R.5W.

LOCATION MAP

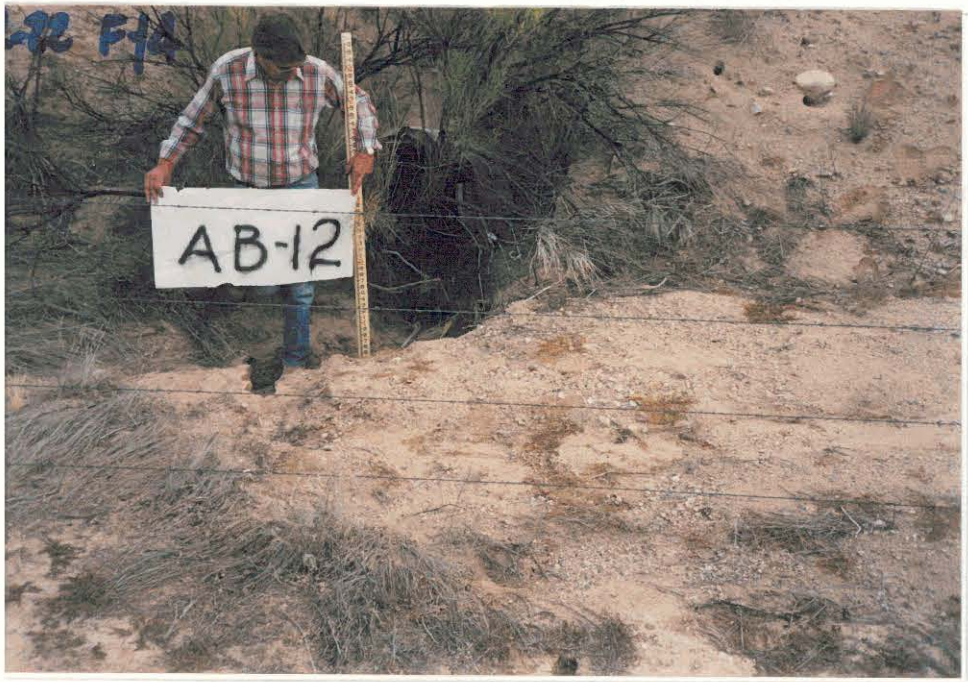
DATE: NOV. 30 1990

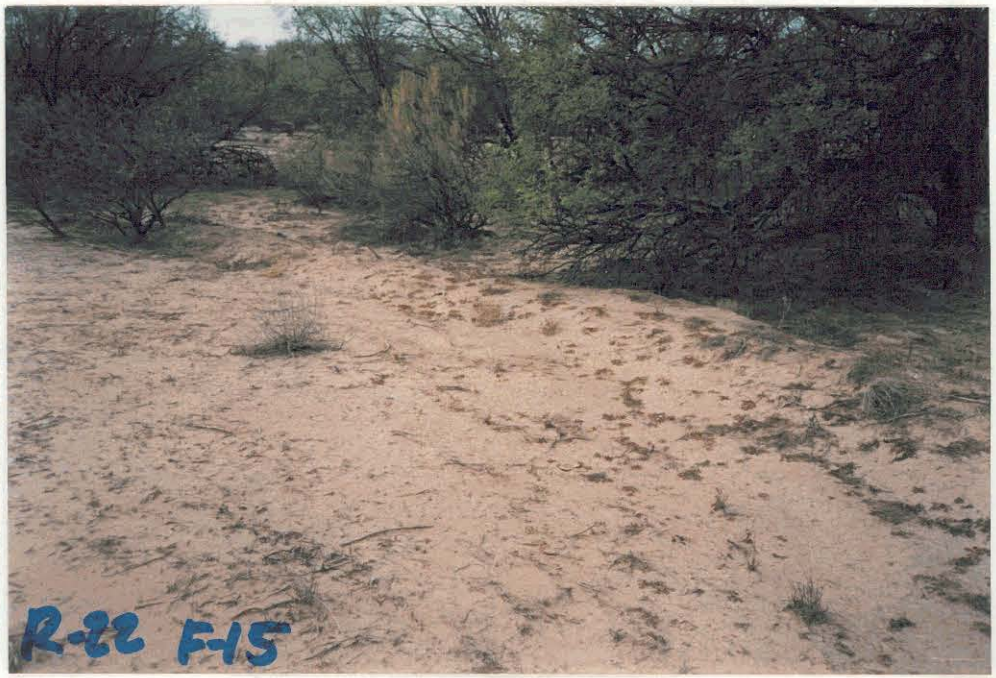
McLAIN HARBERS CO., INC.

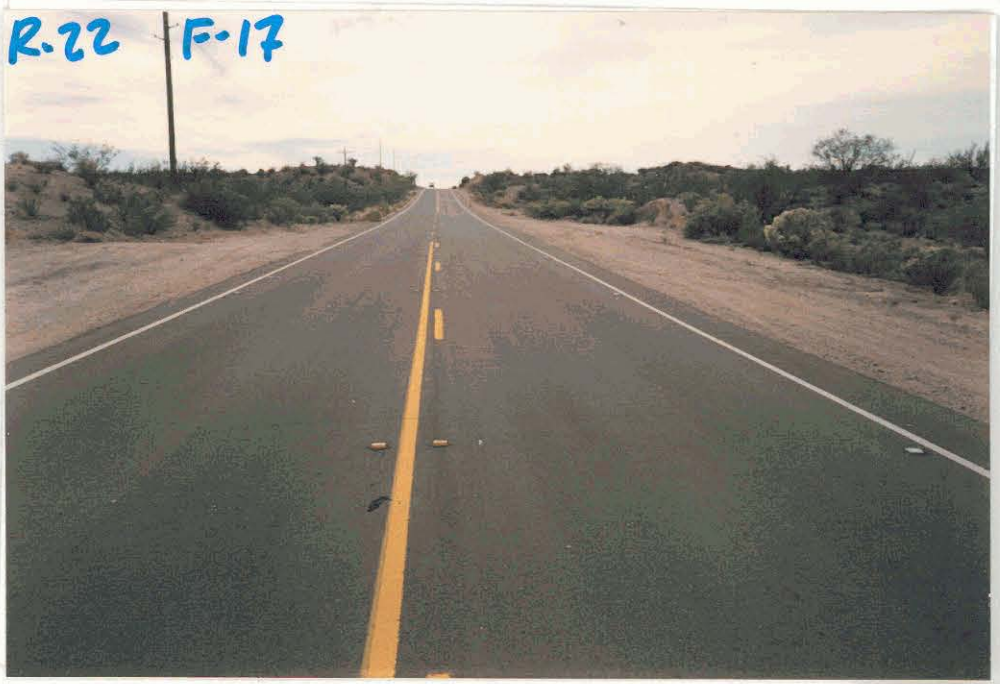
K·E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

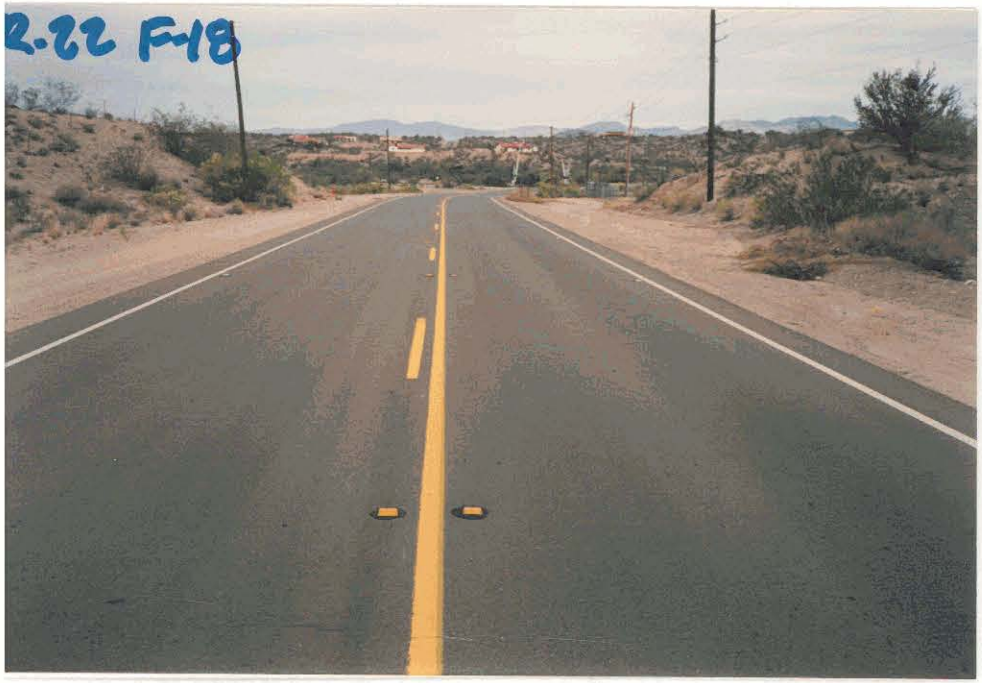


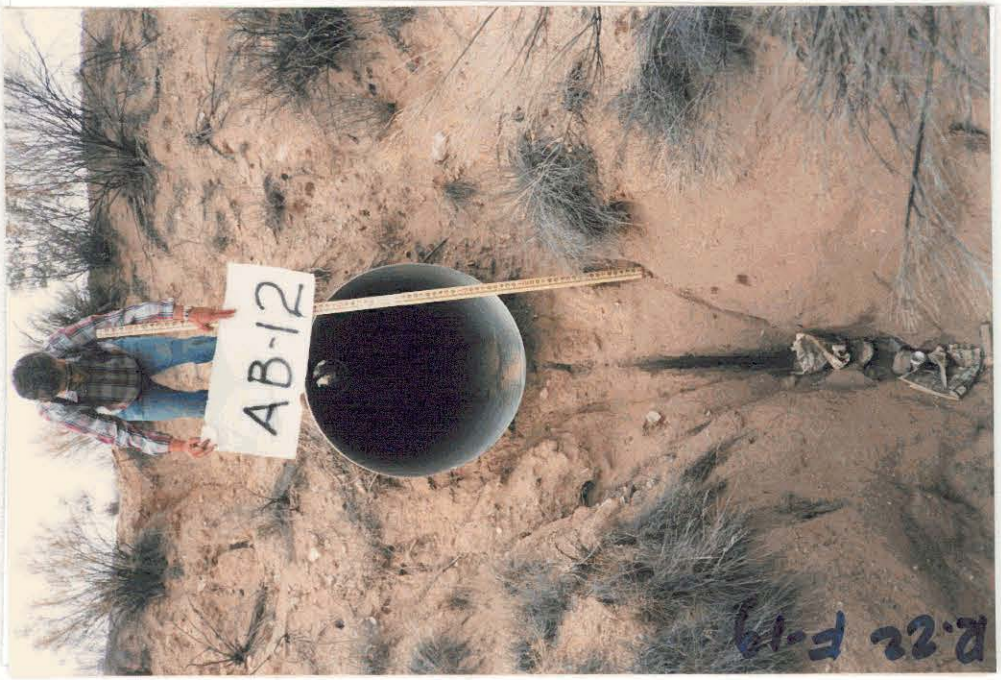
20th Century Plastics
1-800-767-0777
STOCK# PPV840-000








R.22 F-18


AB-12
R.22 F-19

R.22 F-20

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-13

LOCATION/ADDRESS U.S. HWY. 60, ±3300 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		6.0 FT.	4.0 FT.	A.D.O.T.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

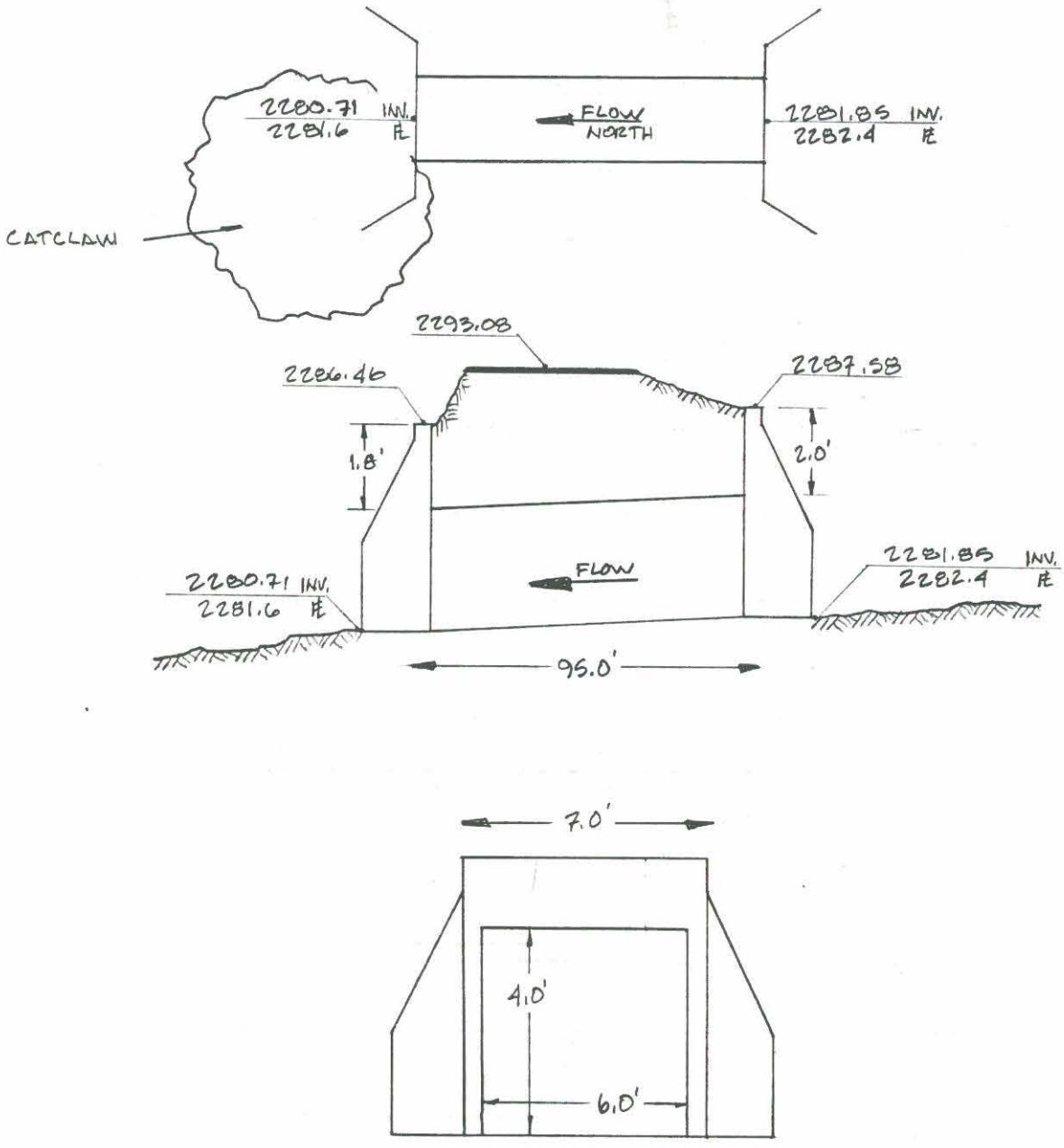
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

HEADWALLS : YES ■, NO ☐, COND. FAIR

WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 11.3 FT.

NO. OF SPANS OR BARRELS: 1



SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 12 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-13	9.57			2287.58
A		15.30	2281.85	
B		14.7	2282.4	
C		9.57	2287.58	
D		4.07	2293.08	
E		10.69	2286.46	
F		16.44	2280.71	
G		15.6	2281.6	
T.P.		5.09		
A	5.44			
TBM AB-13		9.92	2287.58	2287.58

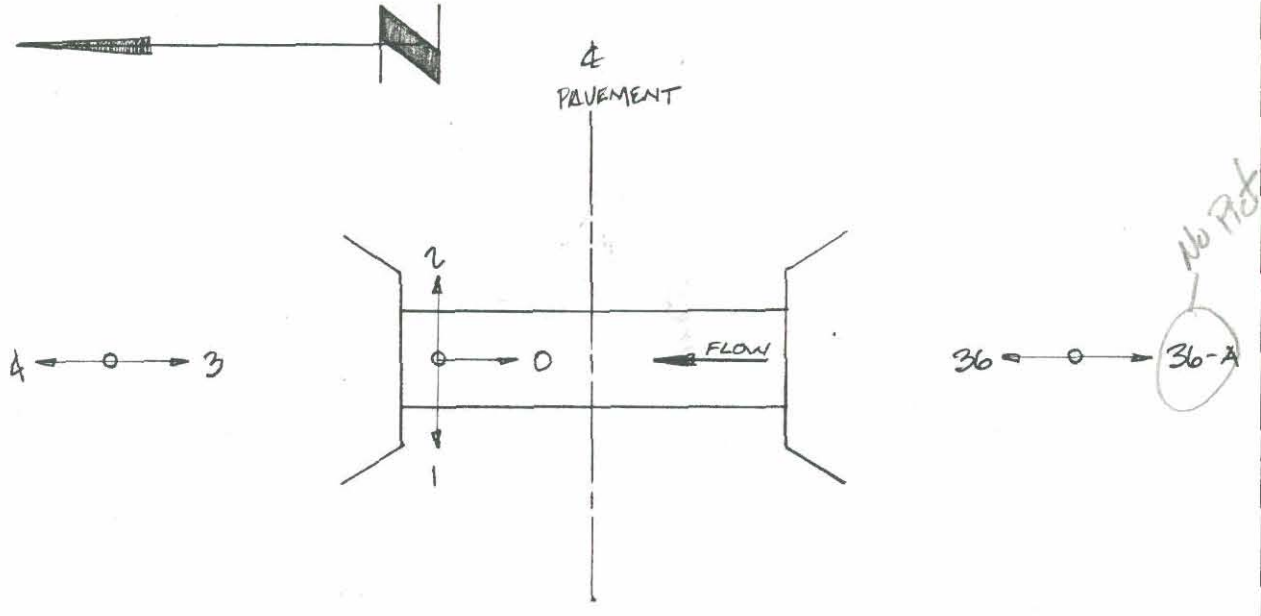
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-13

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 26 & 27



SPECIAL NOTES:

DENSE VEGITATION AT DOWN-STREAM END OF STRUCTURE.

T.B.M. AB-13 IS AN A.H.D. BRASS CAP MKD; "STA. 2871+29.9"

"EL. 2326.77"

"1932"

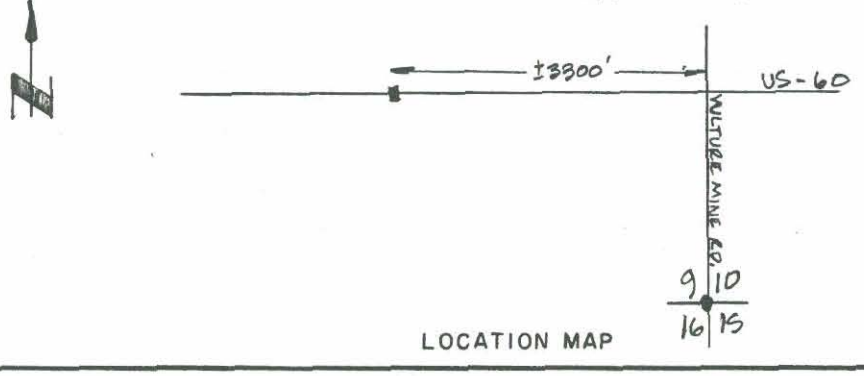
LOCATED ON SOUTH HEADWALL OF STRUCTURE.

ANOTHER A.H.D. BRASS CAP MKD; "STA. 5661+47.8"

"EL. 2325.44"

"1953"

LOCATED ON NORTH HEADWALL OF STRUCTURE.



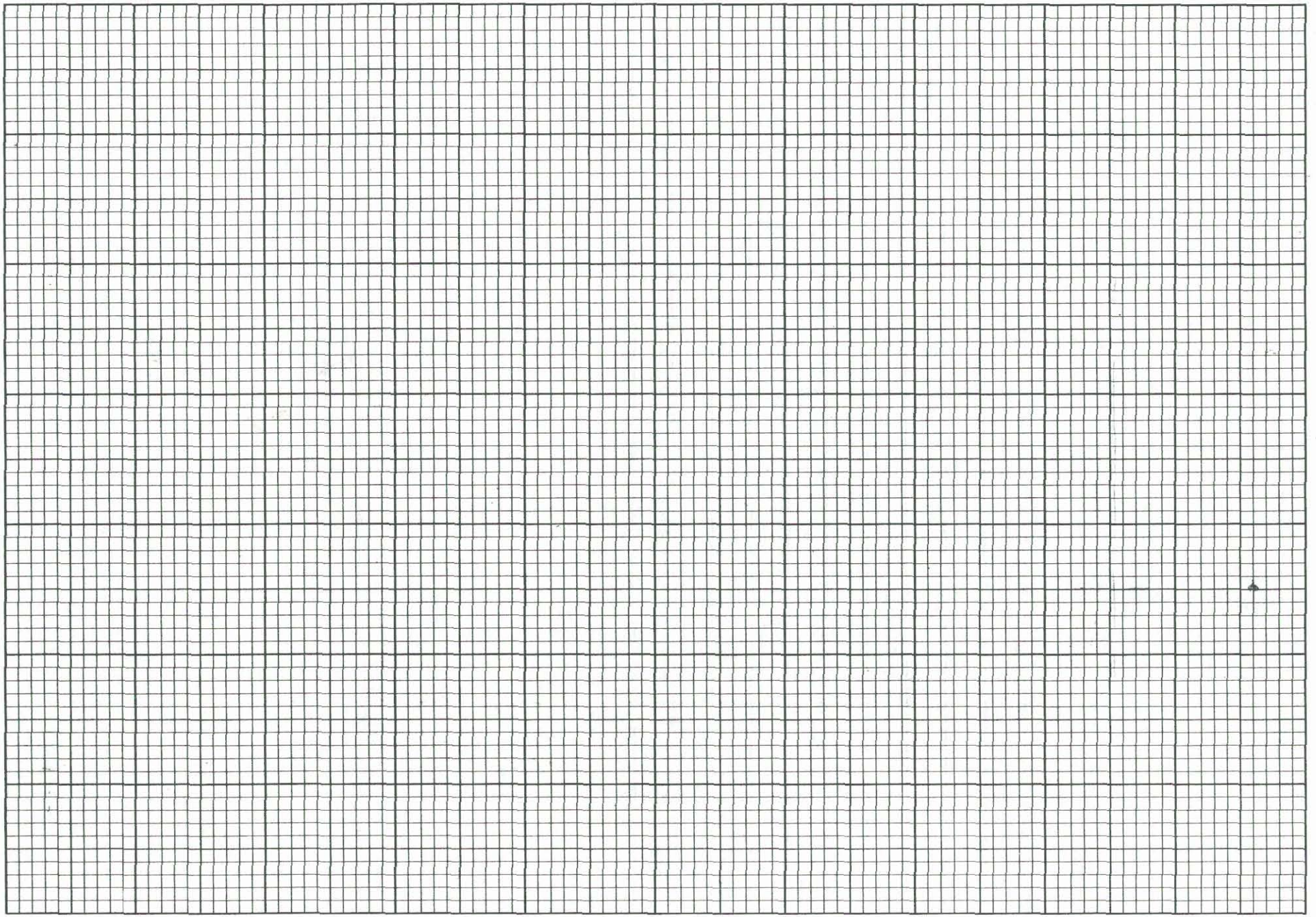
LOCATION MAP

DATE: DEC. 4 1990

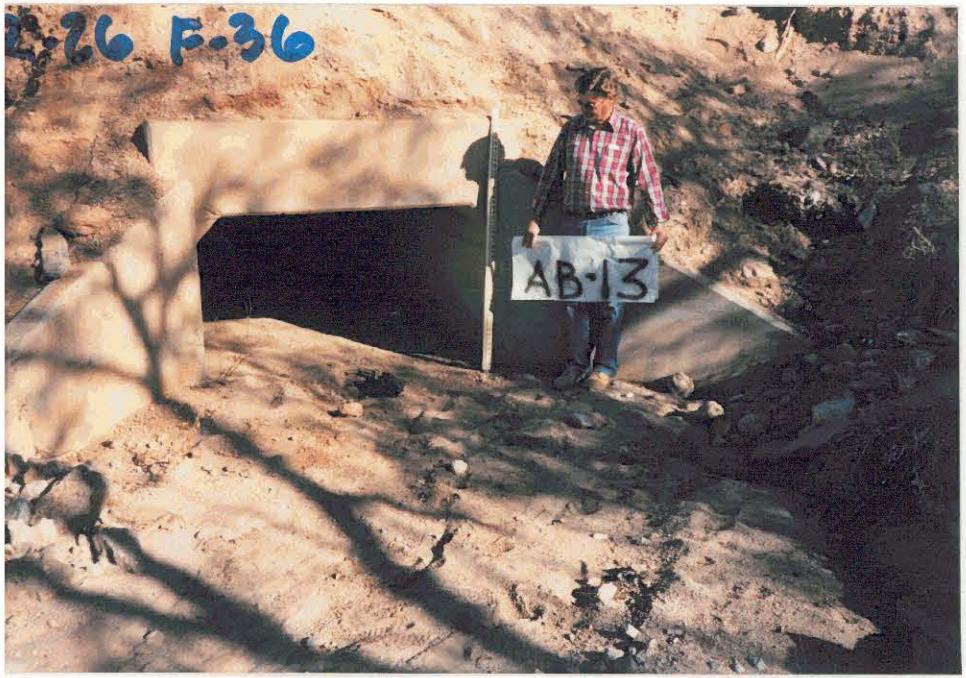
McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

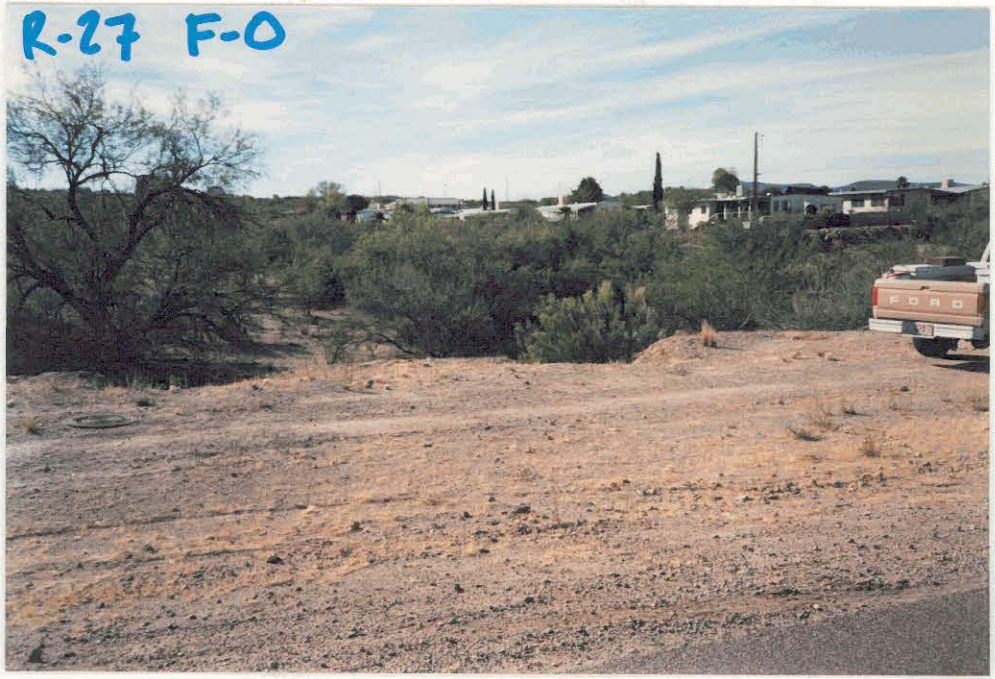
46 0780



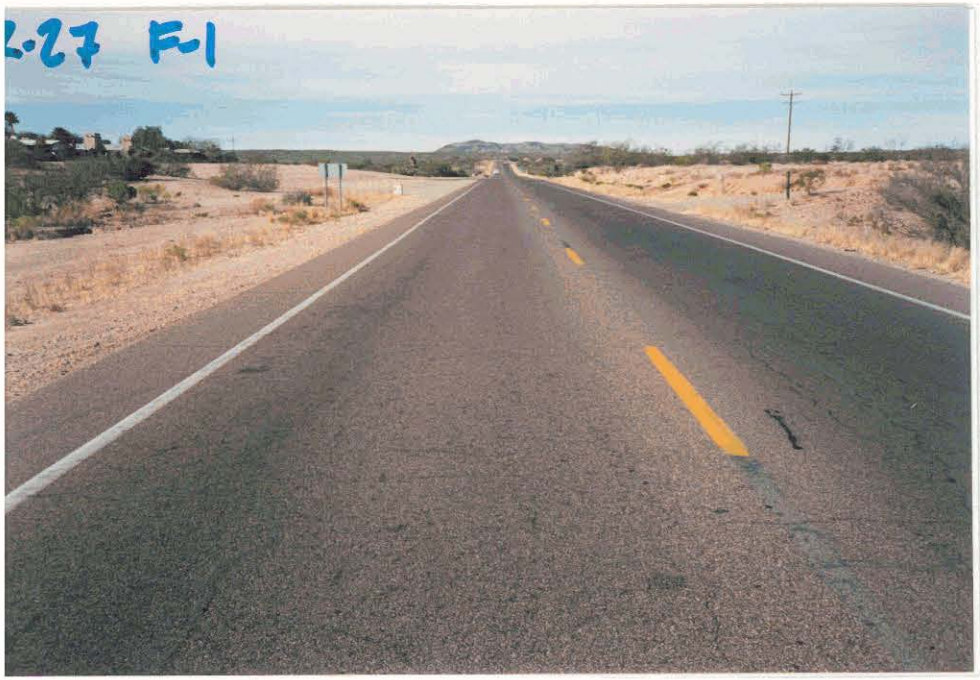
20th Century Plastics
1-800-767-0777
STOCK# PPV840-000

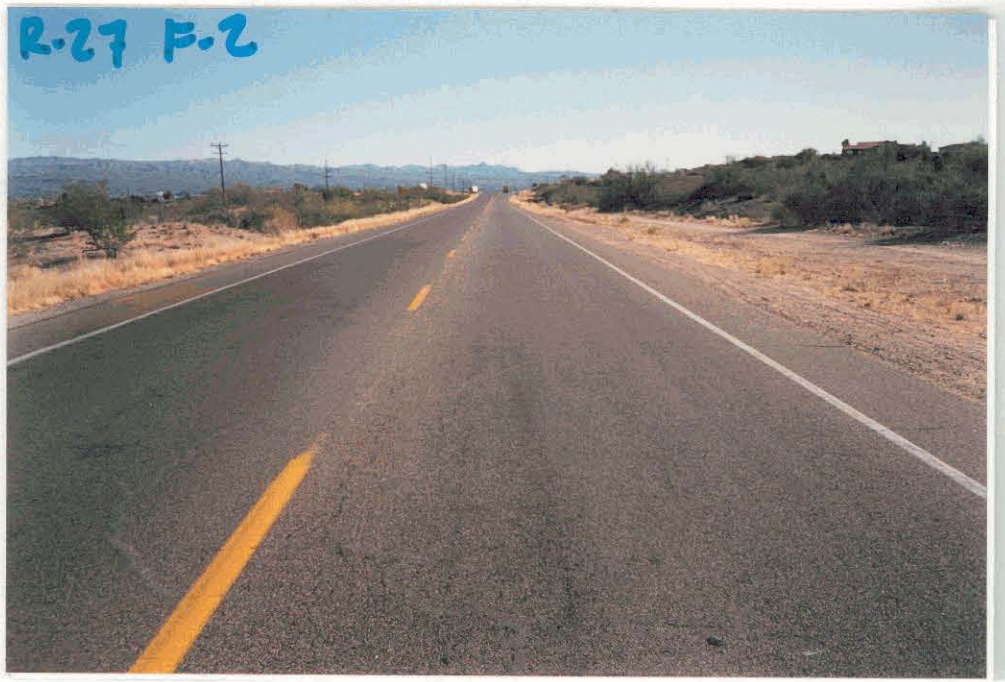


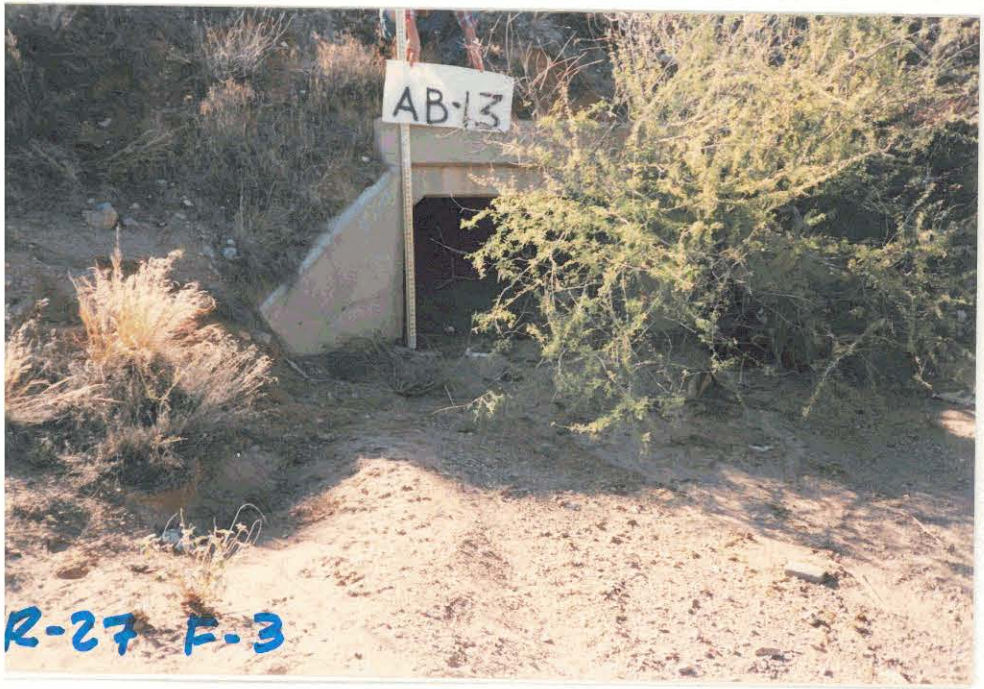
R-26 F-36



R-27 F-0


R-27 F-1


R-27 F-2


AB-13
R-27 F-3

R-27 F-4

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-14

LOCATION/ADDRESS U.S. HWY. 60, ± 2900 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

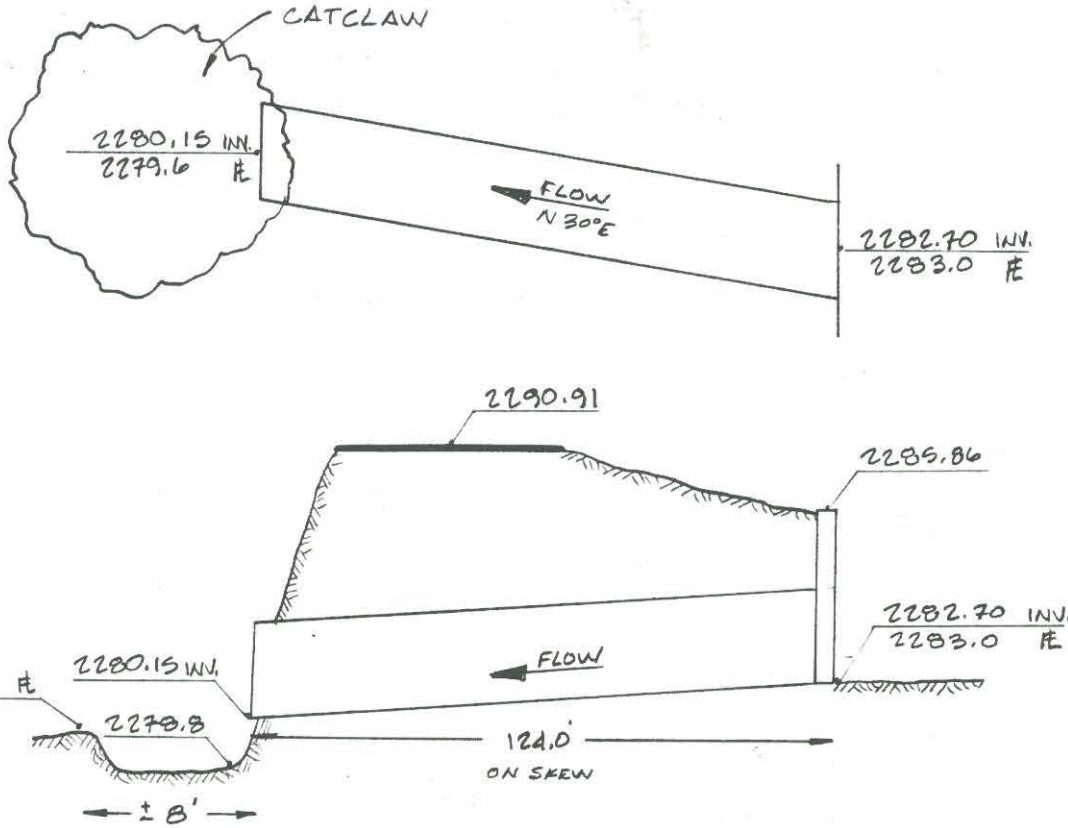
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

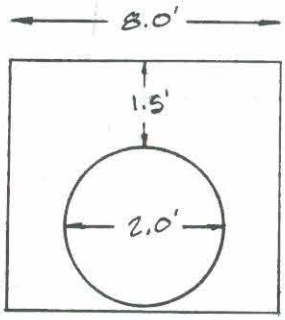
HEADWALLS: YES ■, NO ☐, COND. FAIR

WINGWALLS: YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 8.2 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-14	4.13			2291.12
A		12.55	2287.70	
B		12.2	2283.0	
C		9.39	2285.86	
D		4.34	2290.91	
E		15.10	2280.15	
F		16.4	2278.8	
G		15.6	2279.6	
T.P.		5.30		
″	4.52			
TBM AB-14		3.34	2291.13	2291.12

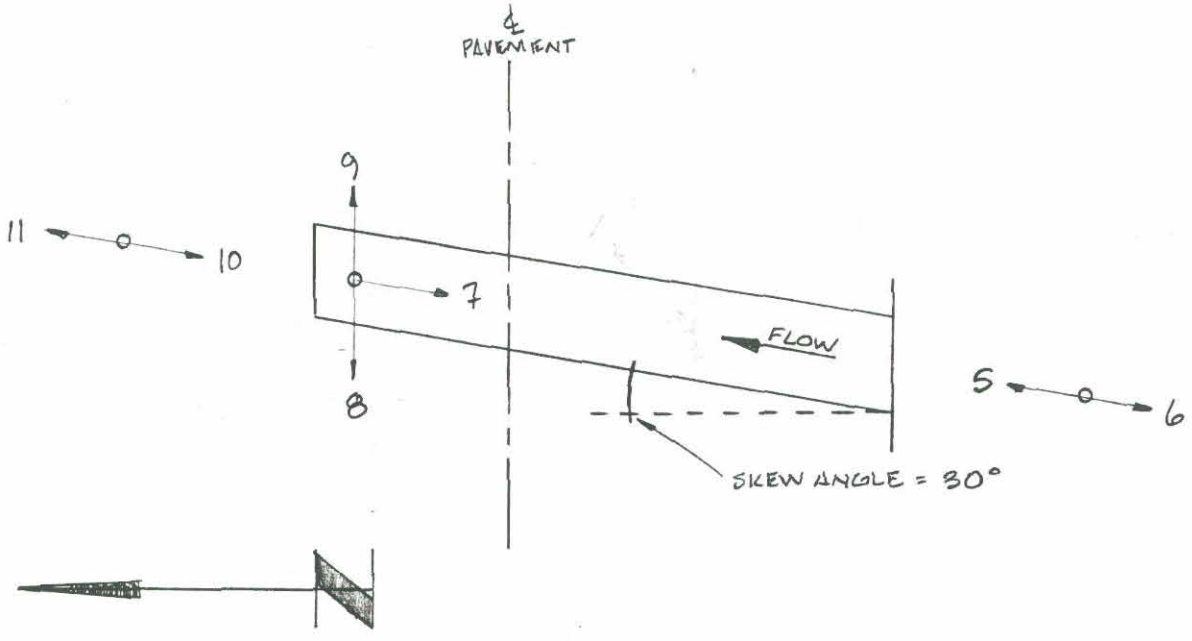
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-14

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 27

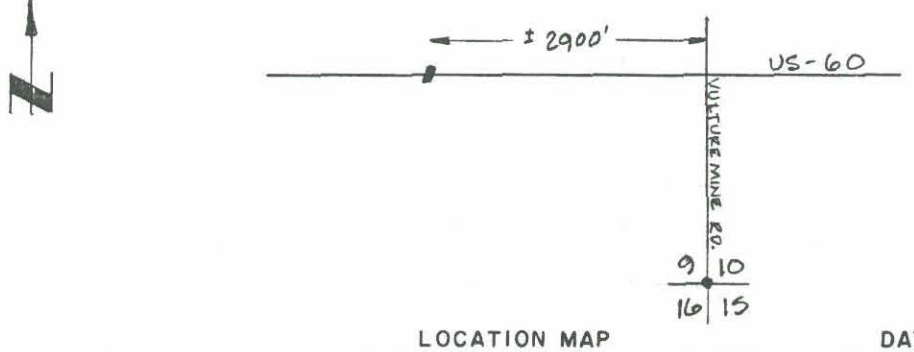


SPECIAL NOTES:

DENSE VEGITATION AT DOWN-STREAM END OF STRUCTURE.

SCOUR HOLE AT DOWN-STREM END OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWNSTREAM PORTION IS A CONCRETE PIPE.

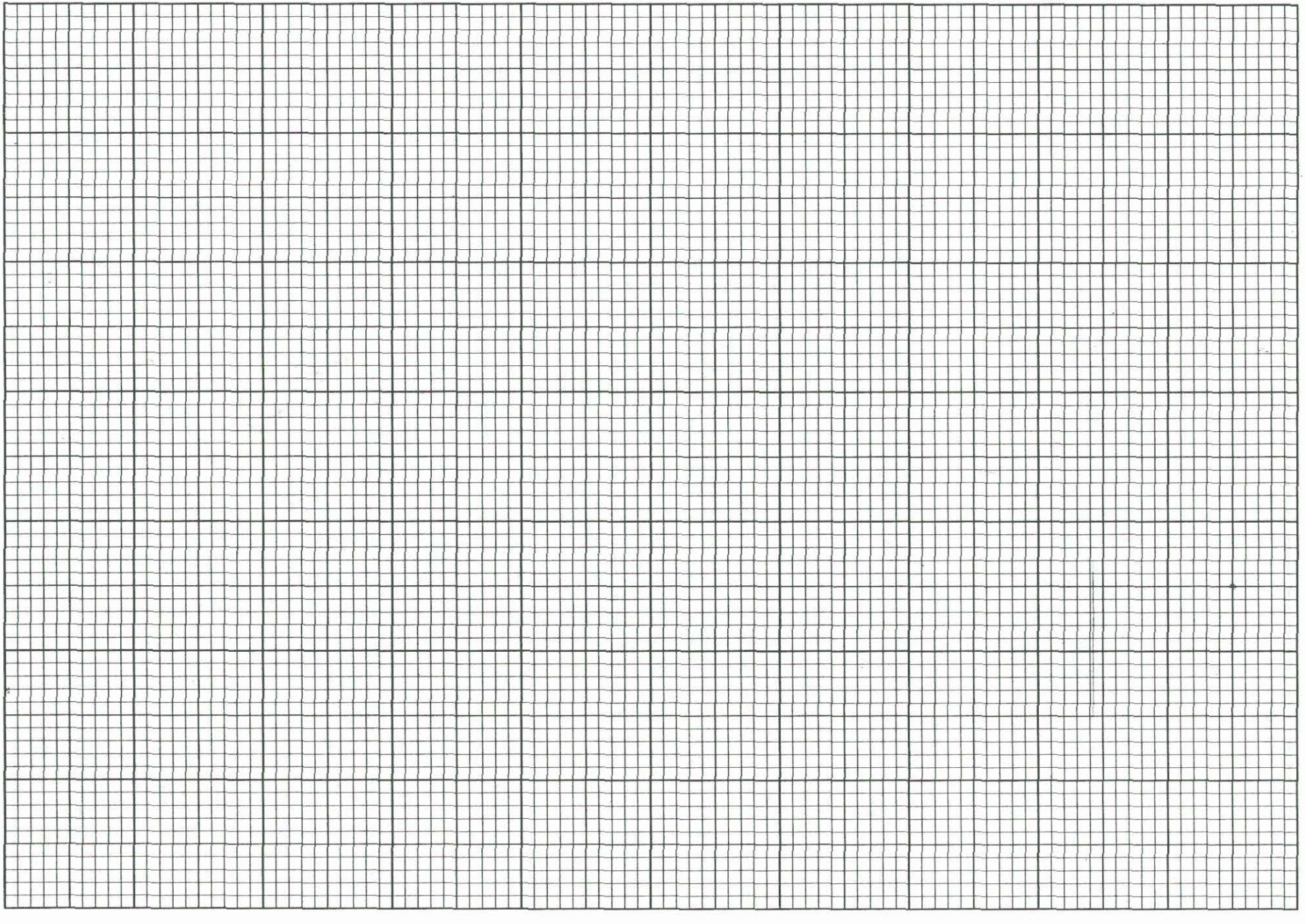


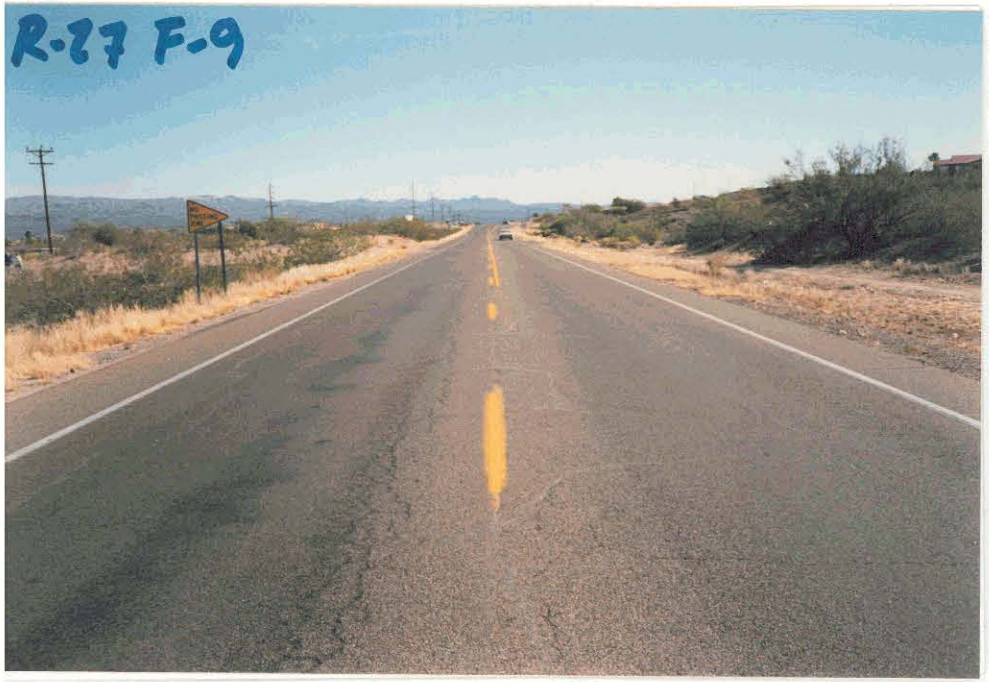
LOCATION MAP

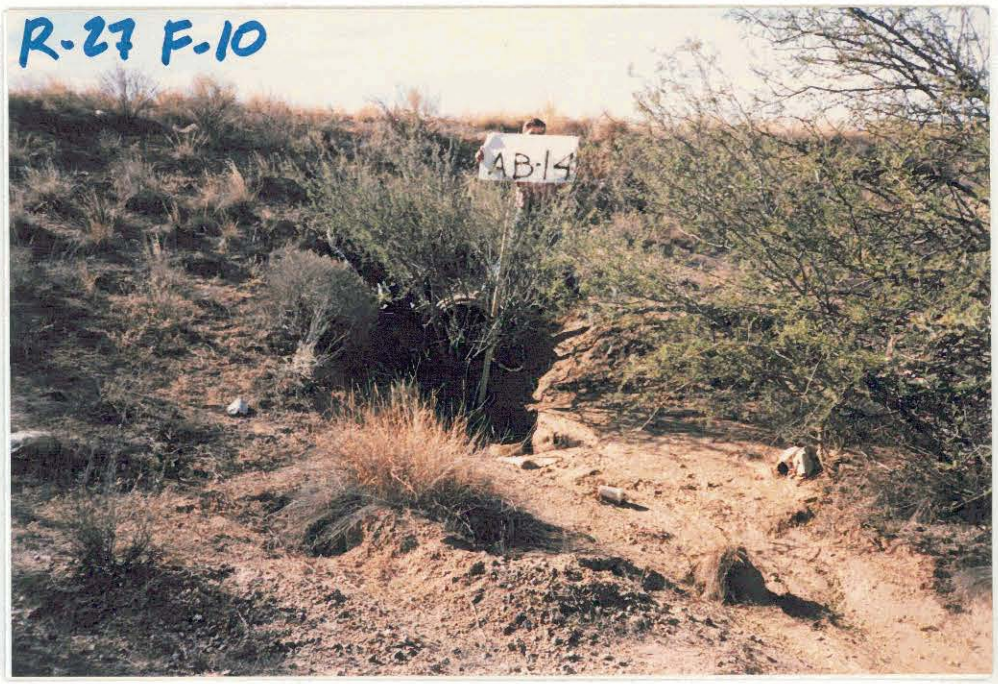
DATE: DEC. 4 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780




R-27 F-9


R-27 F-10
AB-14

R-27 F-11

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-15

LOCATION/ADDRESS U.S. HWY. 60, ± 7300 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	3.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

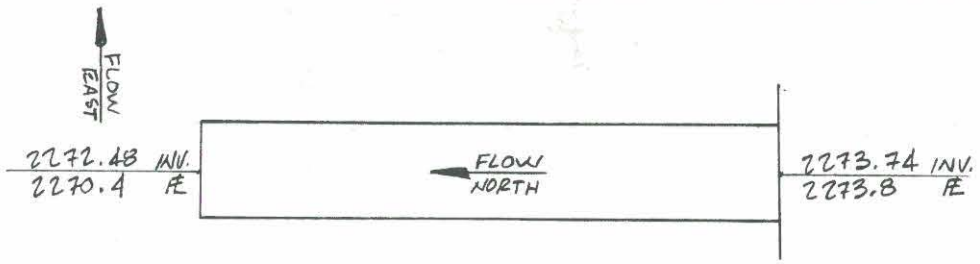
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

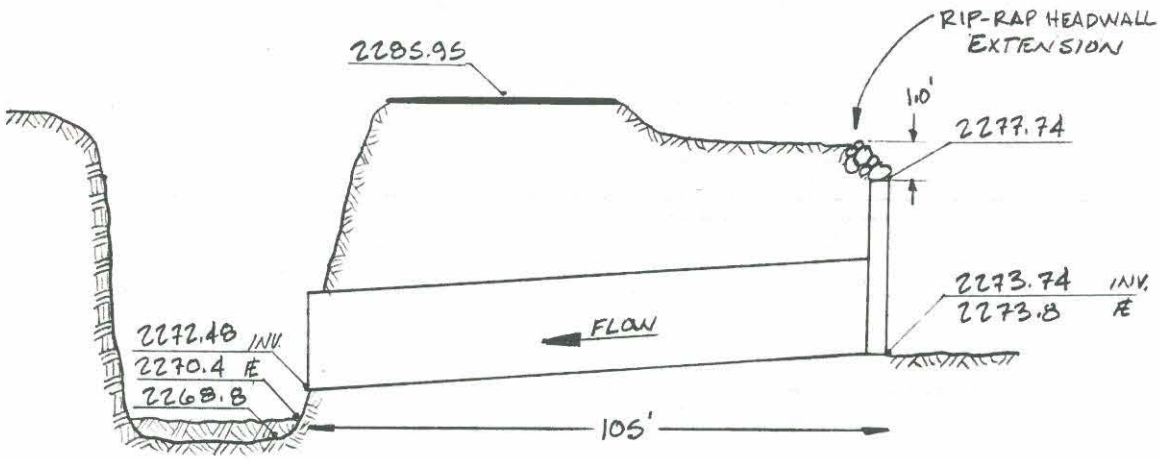
HEADWALLS : YES ■, NO ☐, COND. FAIR

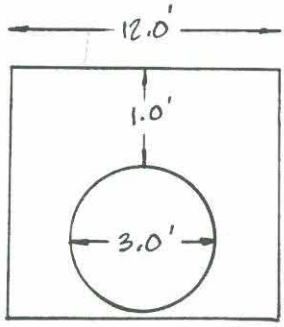
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 12.2 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	-	ELEVATION	BENCH MARK
TBM AB-15	3.00			2285.56
A		14.82	2273.74	
B		14.8	2273.8	
C		10.82	2277.74	
D		2.61	2285.95	
E		16.08	2272.48	
F		19.8	2268.8	
G		18.2	2270.4	
T.P.		6.20		
T	5.08			
TBM AB-15		1.88	2285.56	2285.56

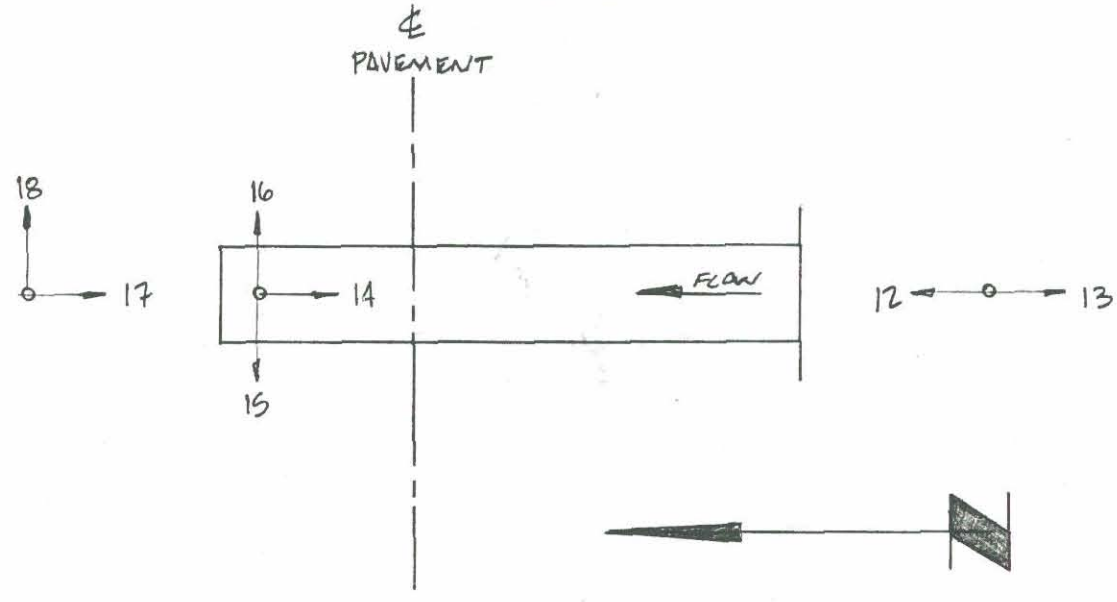
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-15

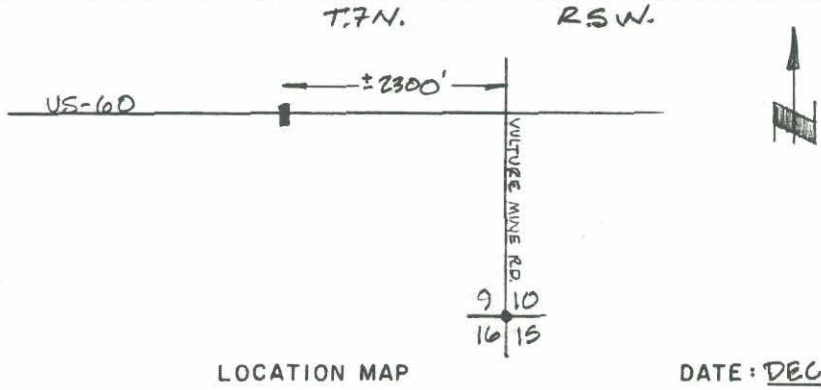
DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 27



SPECIAL NOTES:

SCOUR HOLE AT DOWNSTREAM END OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A CMP, THE DOWN-STREAM PORTION IS A CONCRETE PIPE.



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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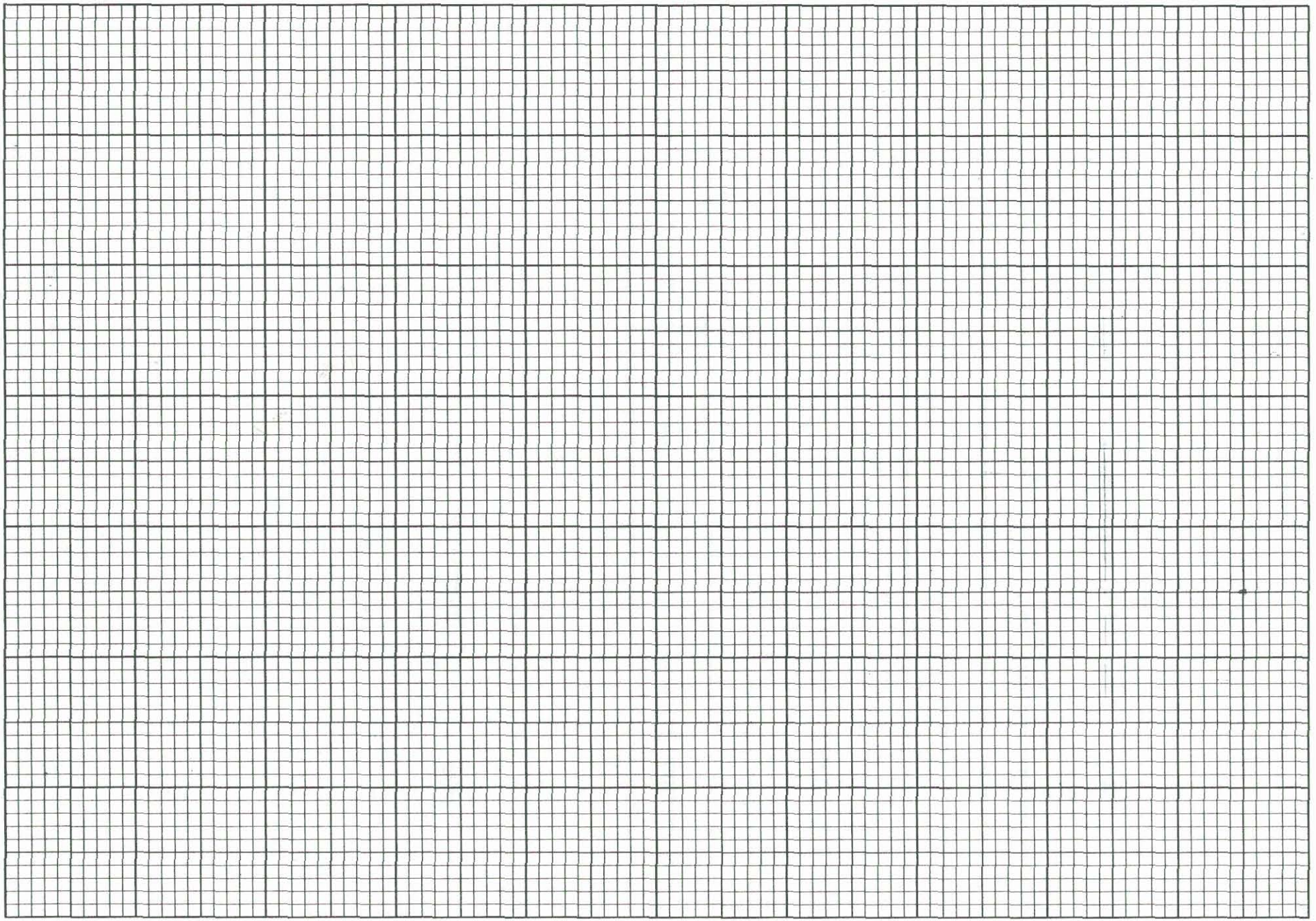

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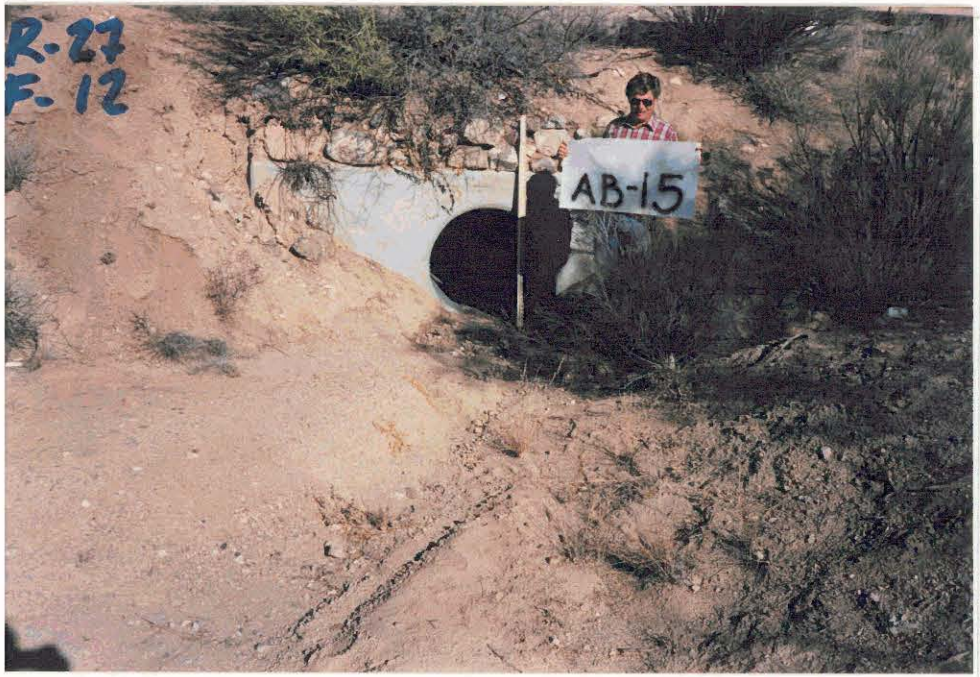
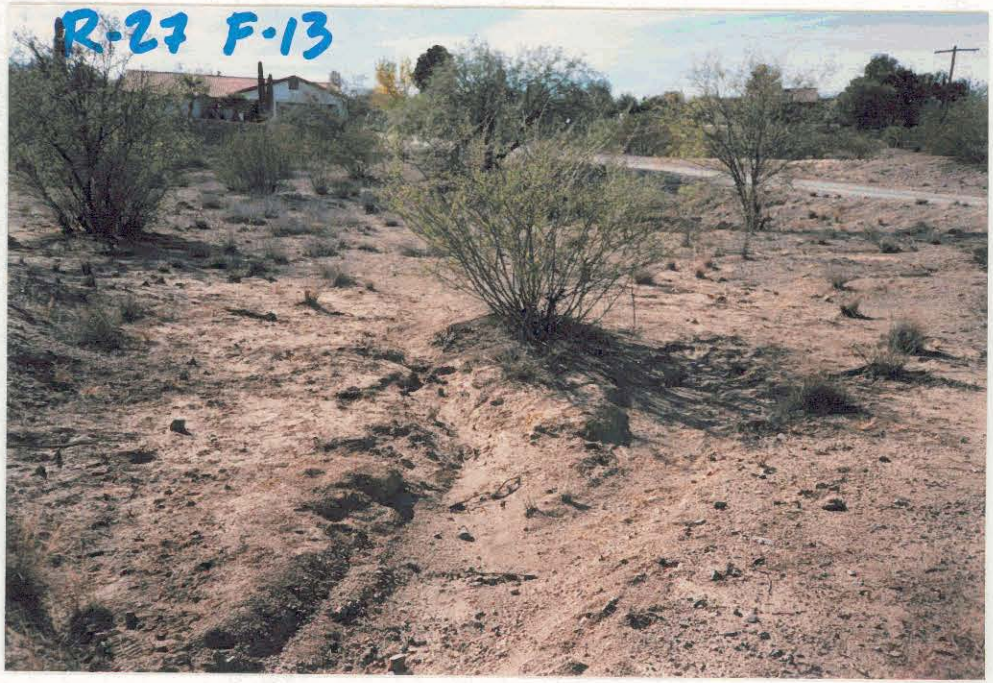
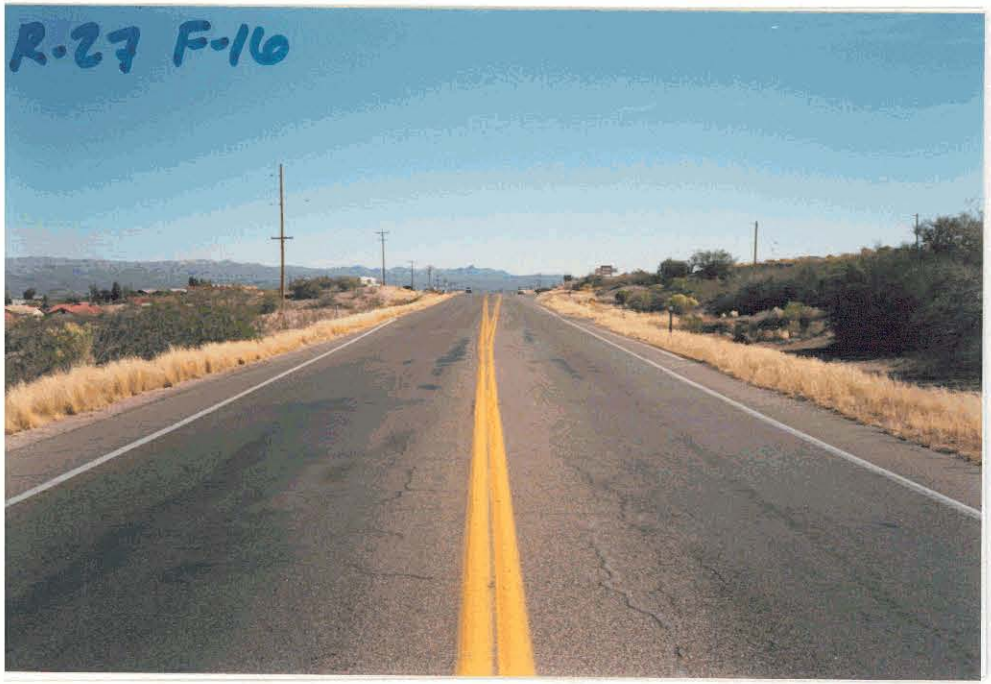
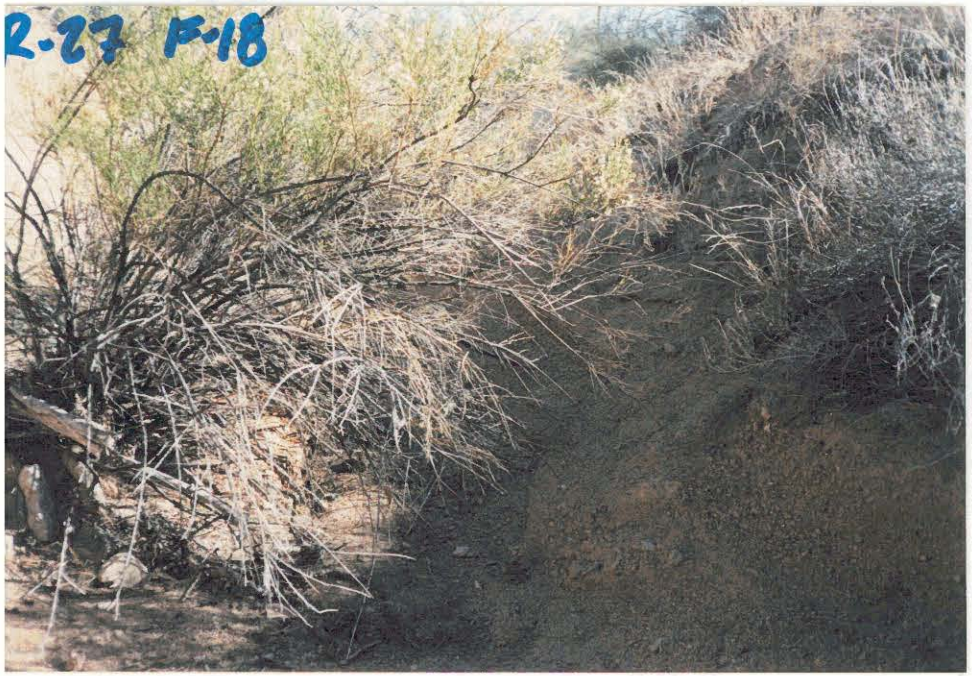
STOCK# PPV840-000






R-27 F-16

R-27
F-17
AB-15


R-27 F-18

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-16

LOCATION/ADDRESS U.S. HWY. 60, ± 2000 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

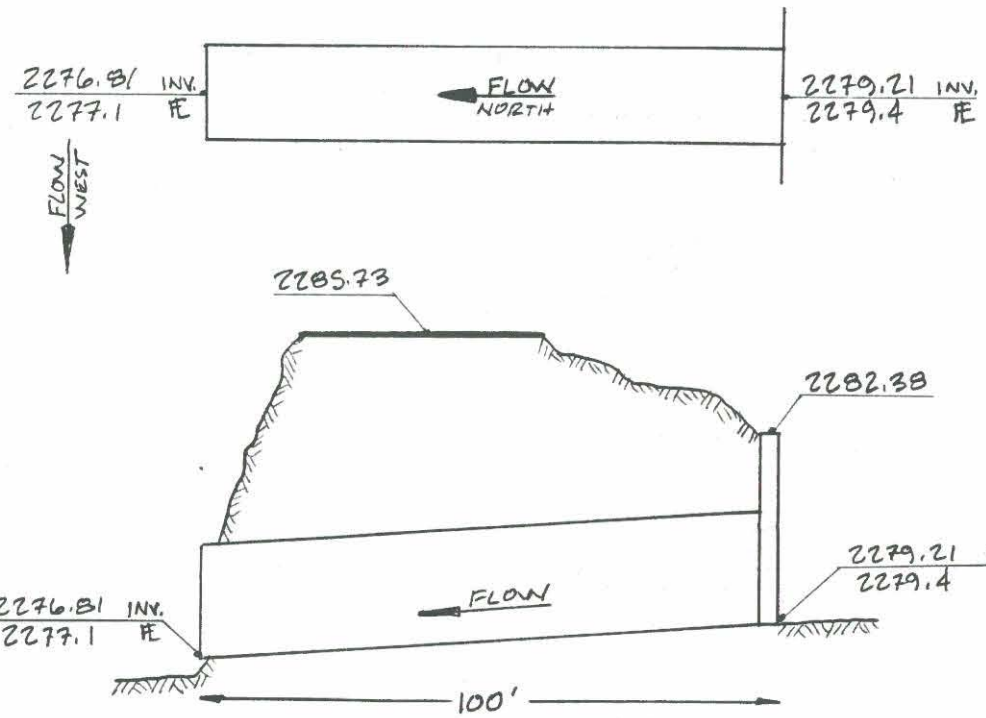
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

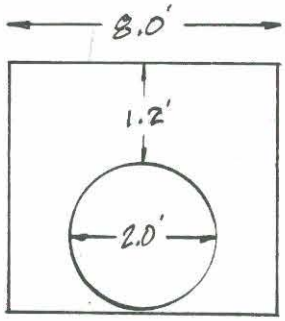
HEADWALLS : YES ■, NO ☐, COND. FAIR

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 6.5 FT.

NO. OF SPANS OR BARRELS: |





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-16	10.23			2282.38
A		9.40	2279.21	
B		9.7	2279.4	
C		10.23	2282.38	
D		2.88	2285.73	
E		11.80	2276.81	
F		11.5	2277.1	
T.P.		3.07		
T	2.34			
TBM AB-16		5.56	2282.37	2282.38

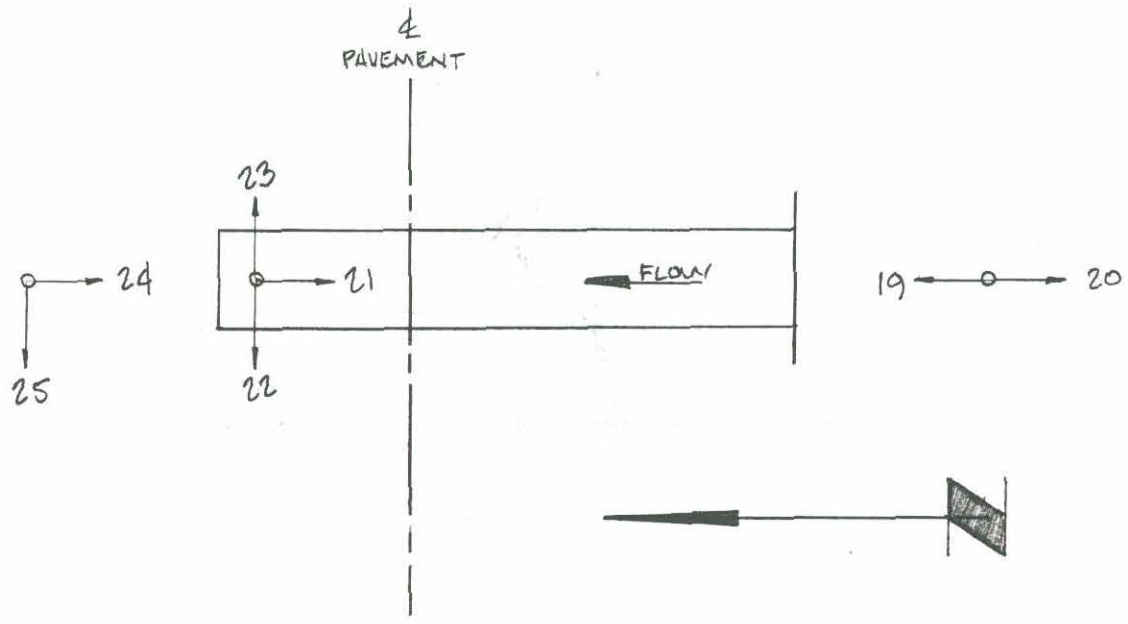
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-16

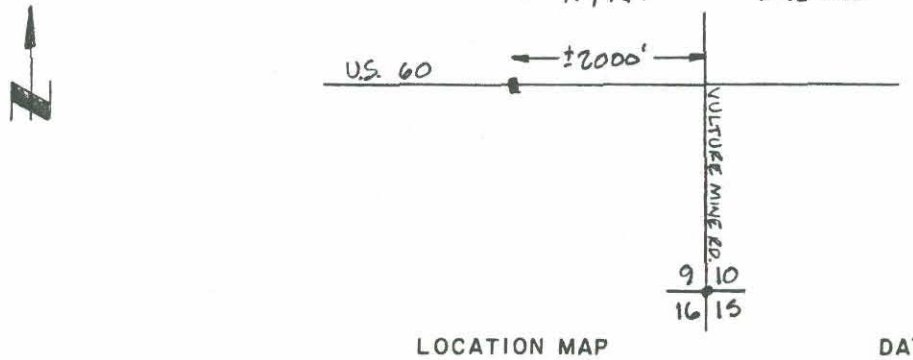
DIRECTION OF PHOTO ○→ 7 & FRAME NO. ROLL NO. 27



SPECIAL NOTES:

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM PORTION IS A CONCRETE PIPE.

T.B.M. AB-16 IS AN A.H.D. BRASS CAP MKD; "STA. 2883+30", "EL. 2321.49" "1932" LOCATED ON THE SOUTH HEADWALL OF STRUCTURE.



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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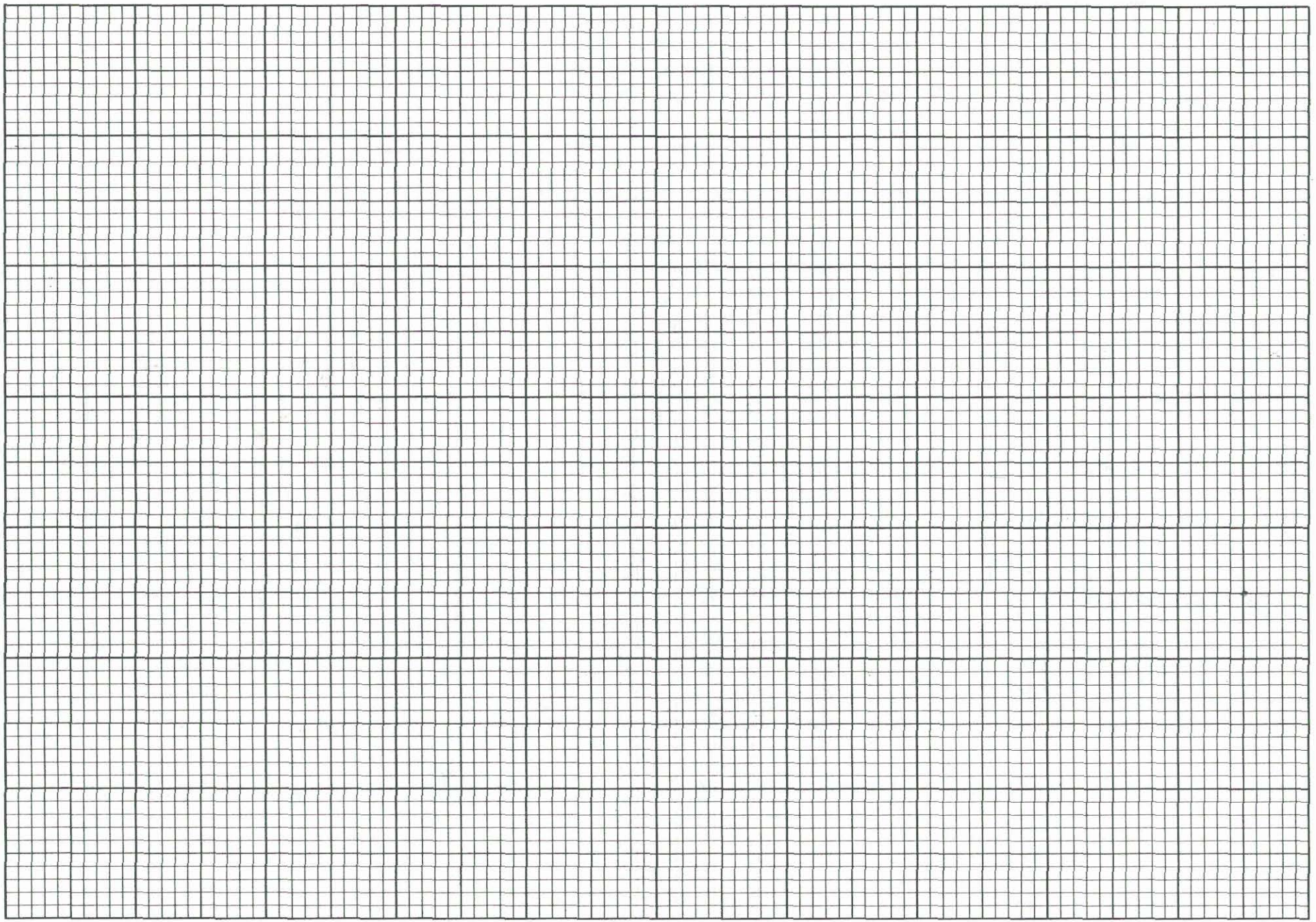

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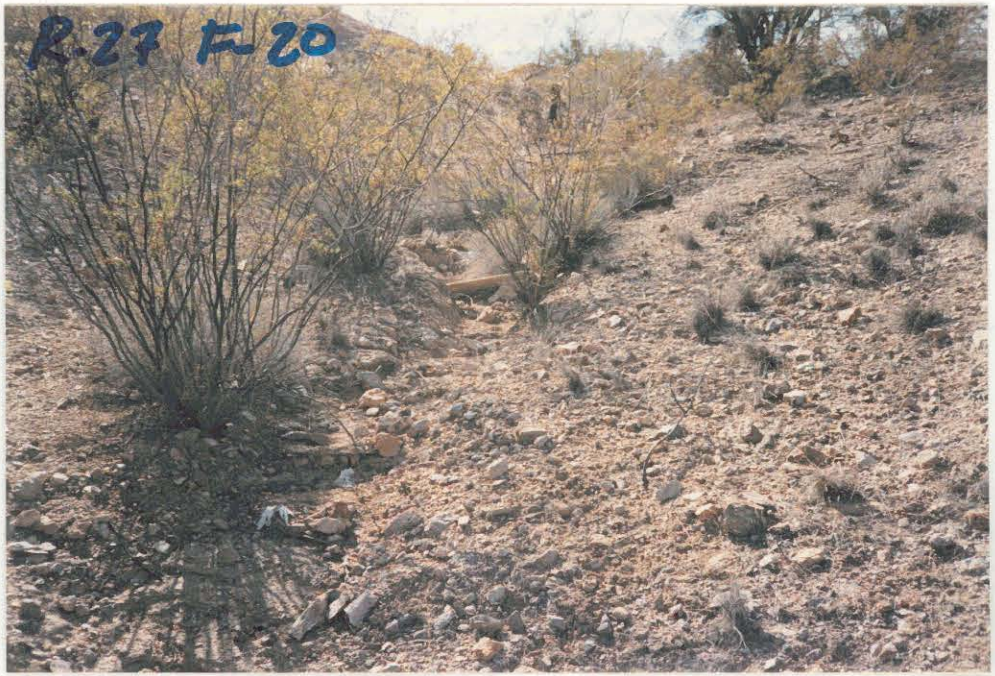
STOCK# PPV840-000



R-27 F-23

R-27
F-24
AB-16

R-27 F-25

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-17

LOCATION/ADDRESS U.S. HWY. 60, ± 1600 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

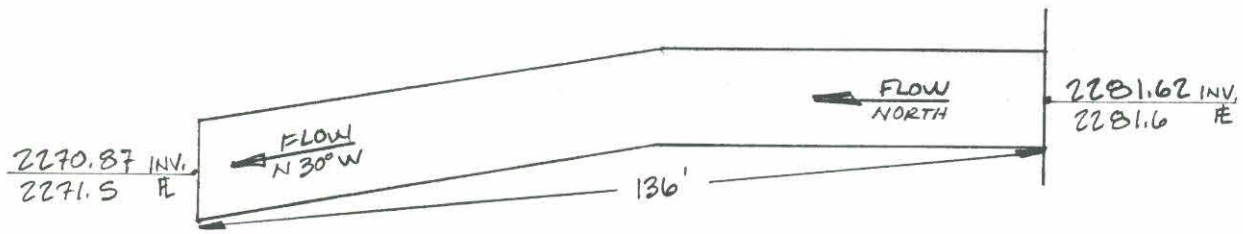
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

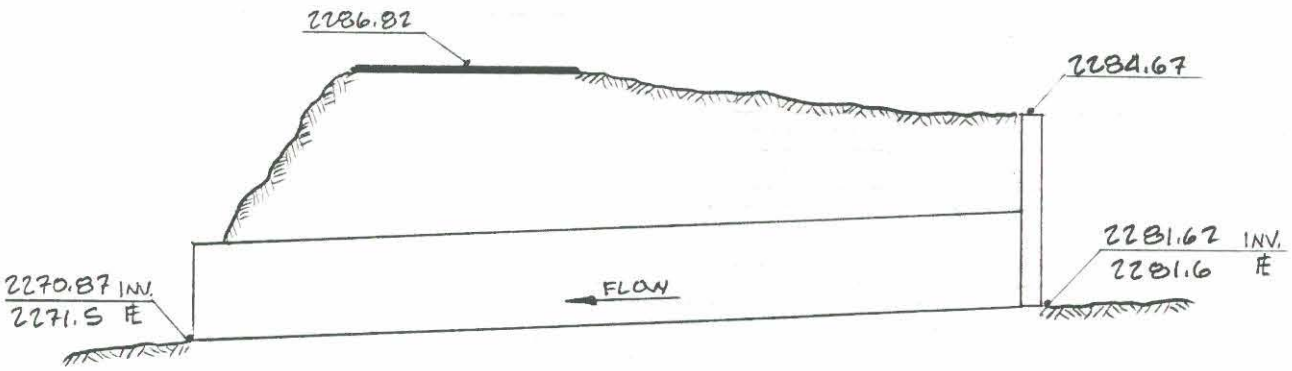
HEADWALLS : YES ■, NO ☐, COND. FAIR

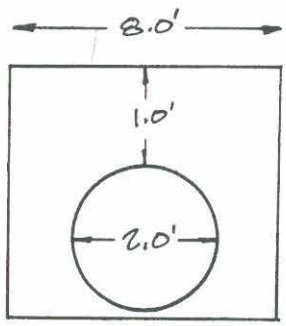
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 5.2 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-17	7.35			2284.67
A		10.40	2281.62	
B		10.4	2281.6	
C		7.35	2284.67	
D		5.20	2286.82	
E		21.15	2270.87	
F		20.5	2271.5	
T.P.		5.98		
T	5.45			
TBM AB-17		6.82	2284.67	2284.67

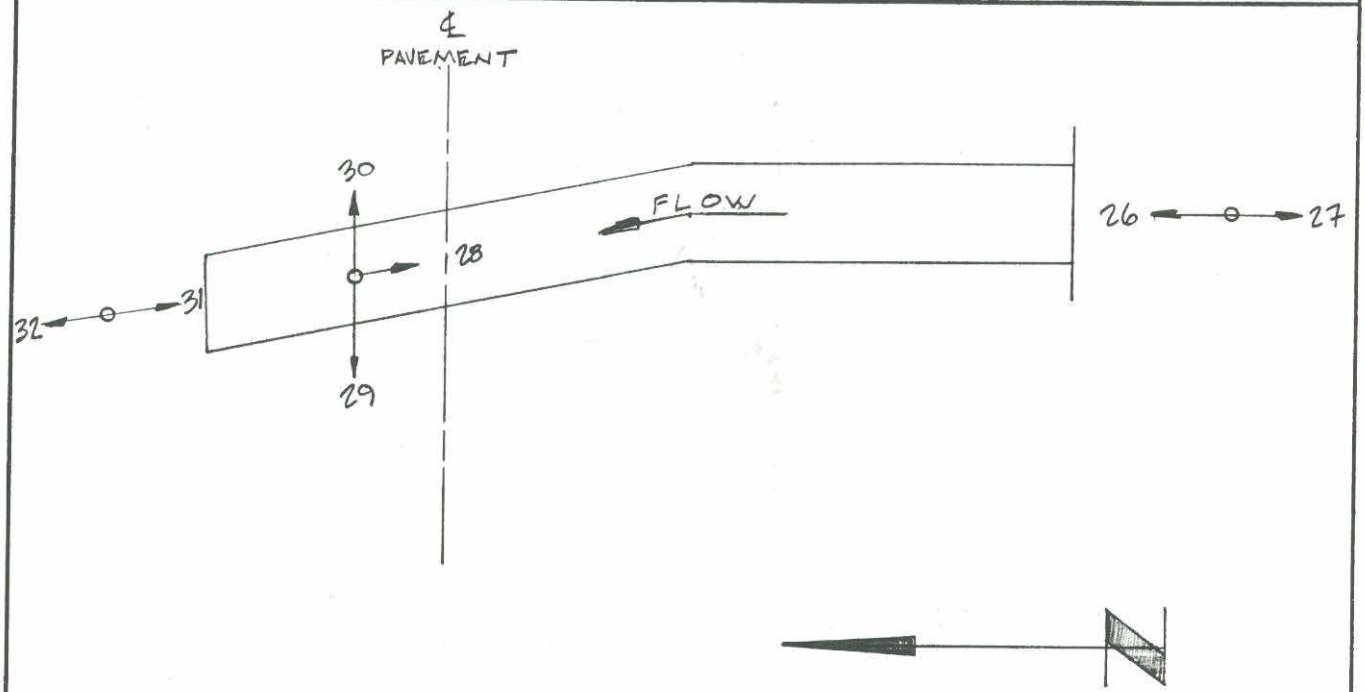
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-17

DIRECTION OF PHOTO ○→ 7 & FRAME NO. ROLL NO. 27

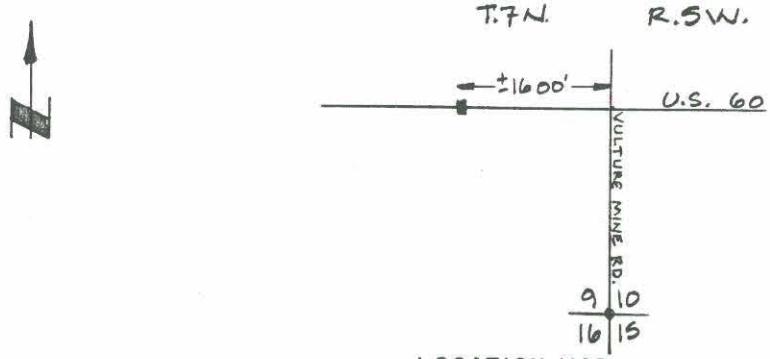


SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT DOWN-STREAM END OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM PORTION IS A CONCRETE PIPE.

T.B.M. AB-17 IS AN A.H.D. BRASS CAP MKD; "STA 2886+05"
"EL. 2323.79"
"1932"
LOCATED ON THE SOUTH HEADWALL OF STRUCTURE.



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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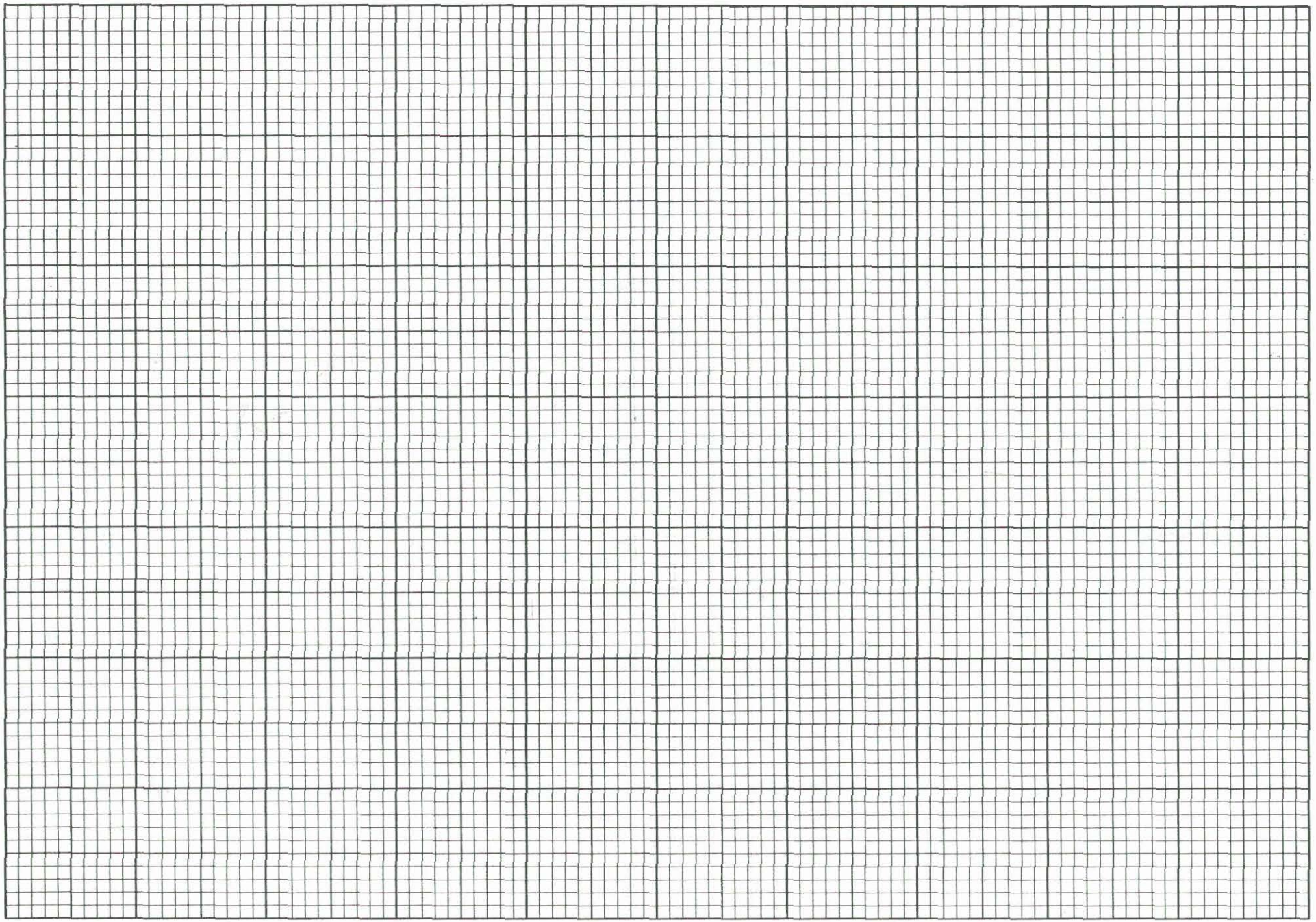

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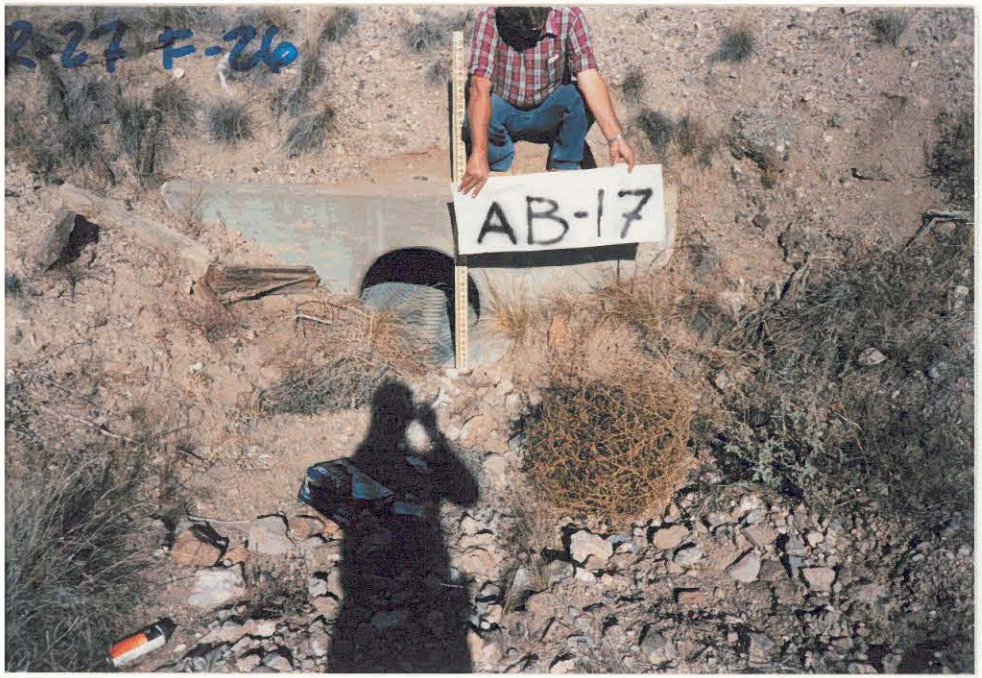
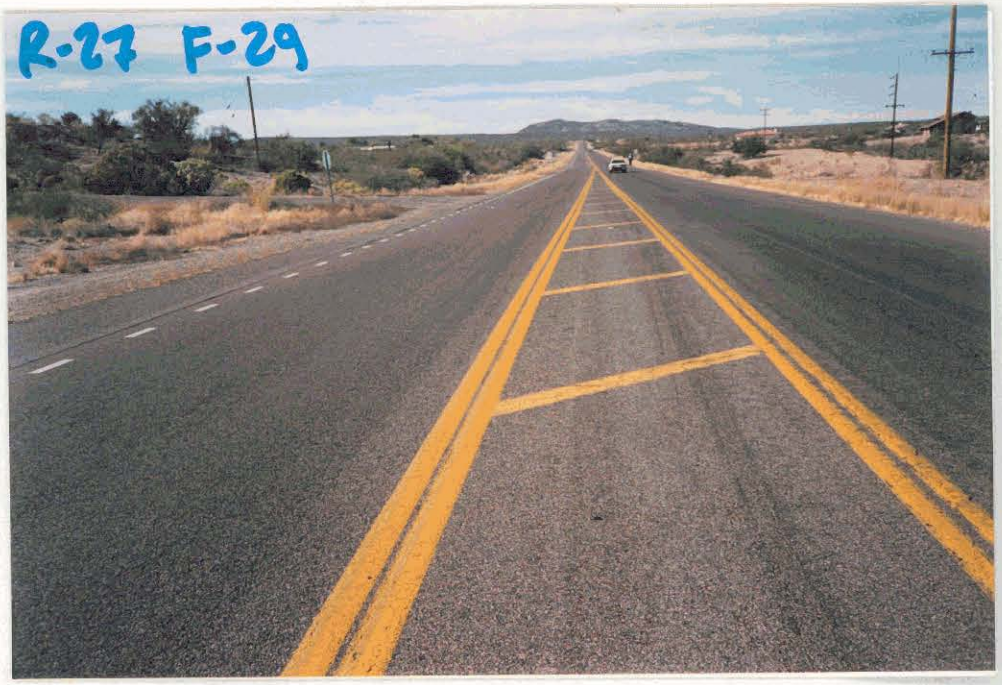
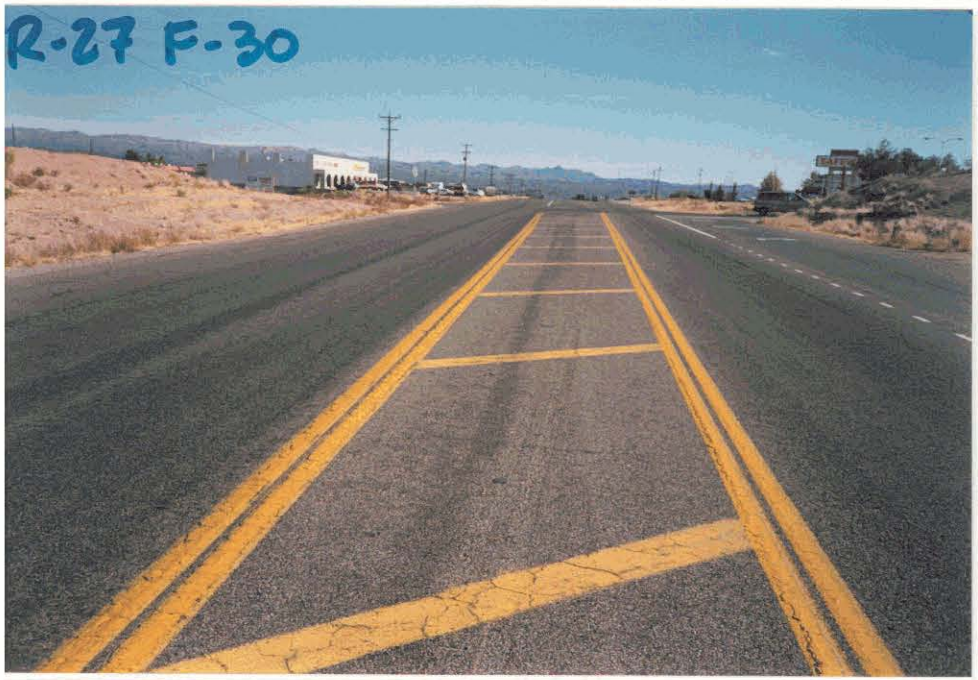
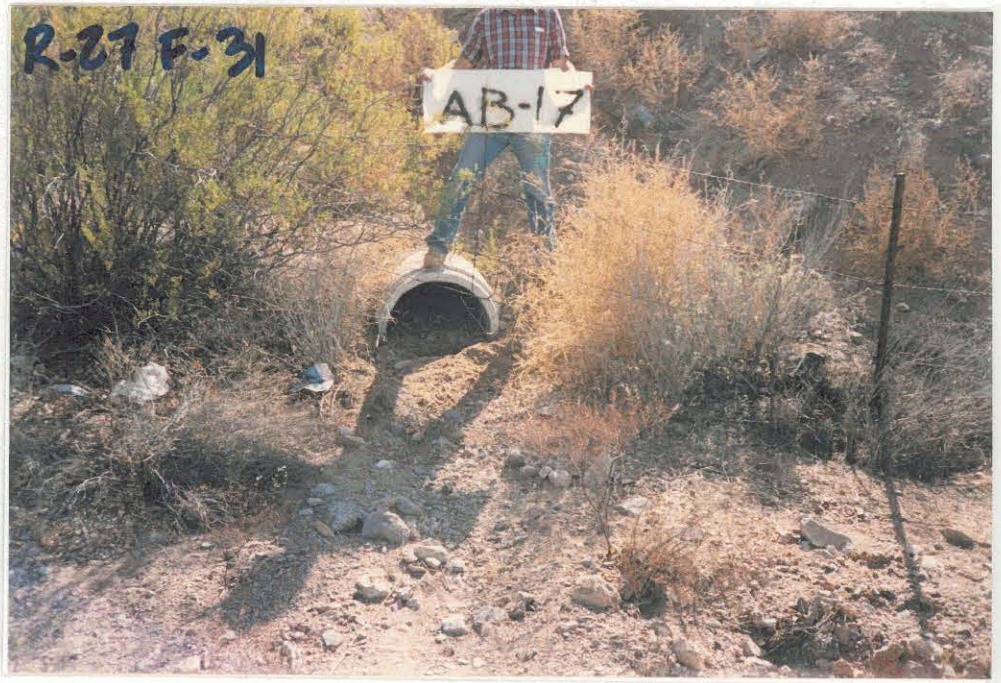
STOCK# PPV840-000






R-27 F-30


R-27 F-31
AB-17

R-27 F-32

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-18

LOCATION/ADDRESS U.S. HWY. 60, ± 850 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

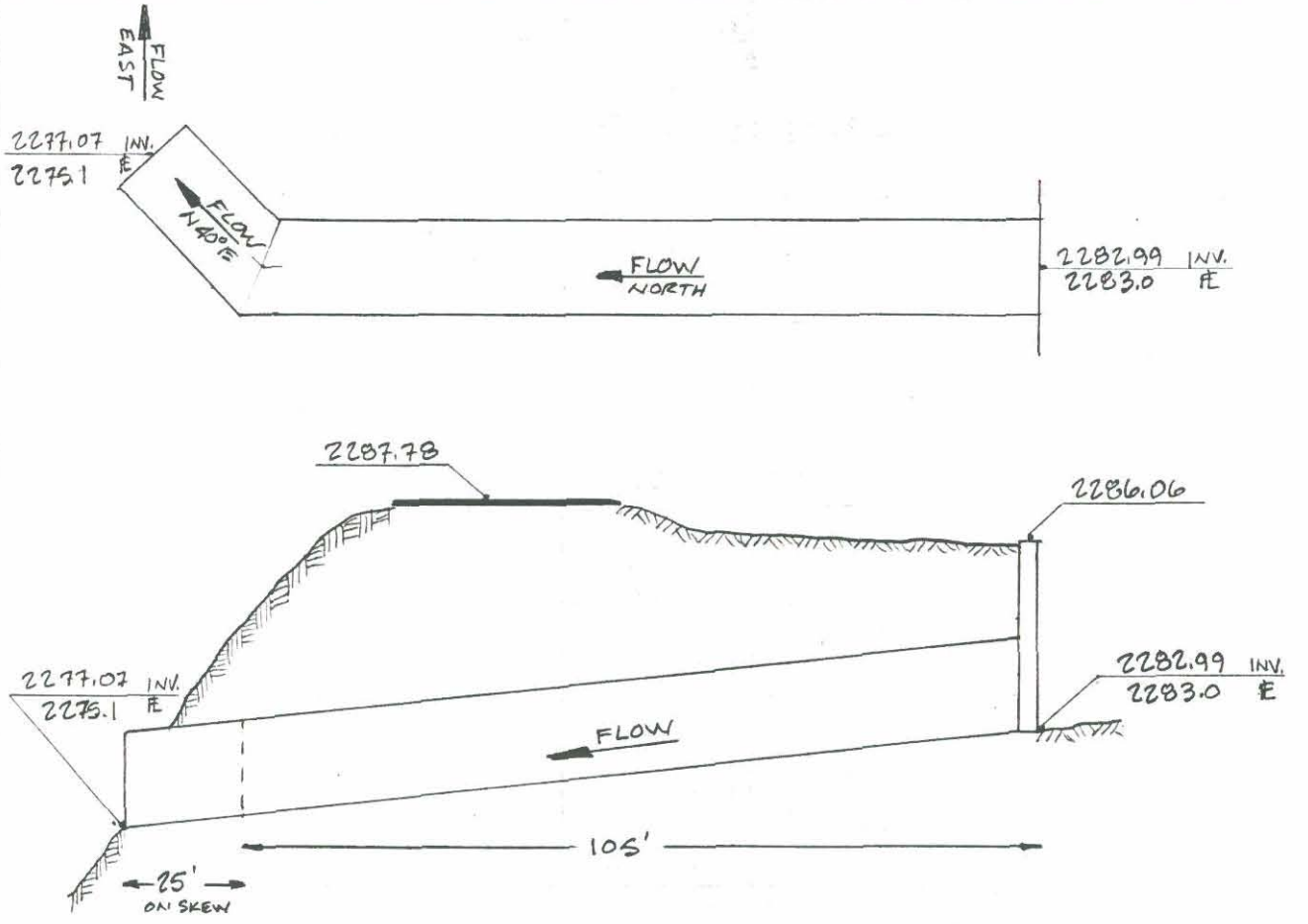
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

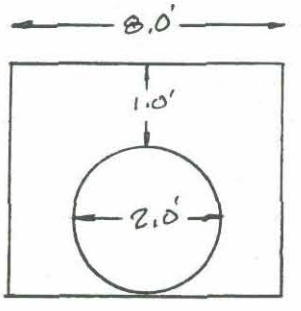
HEADWALLS : YES ■, NO ☐, COND. FAIR

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 4.8 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-18	7.54			2286.06
A		10.61	2282.99	
B		10.6	2283.0	
C		7.54	2286.06	
D		5.82	2287.78	
E		16.53	2277.07	
F		18.5	2275.1	
T.P.		6.21		
T	5.40			
TBM AB-18		6.73	2286.06	2286.06

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

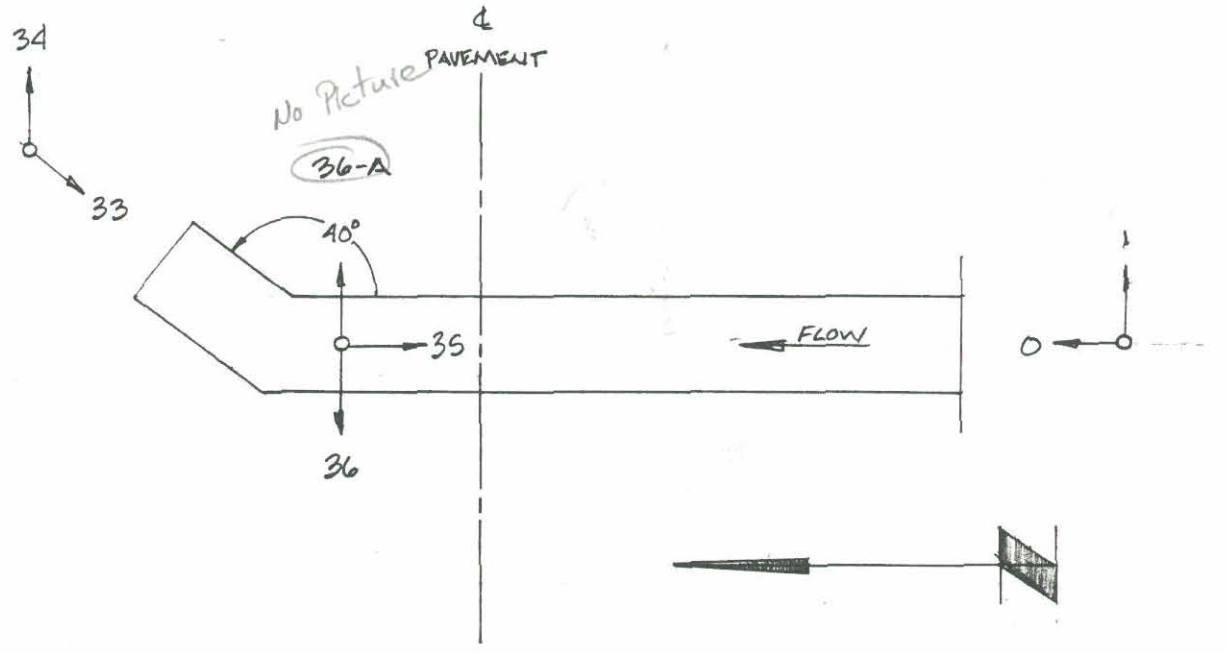
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-18

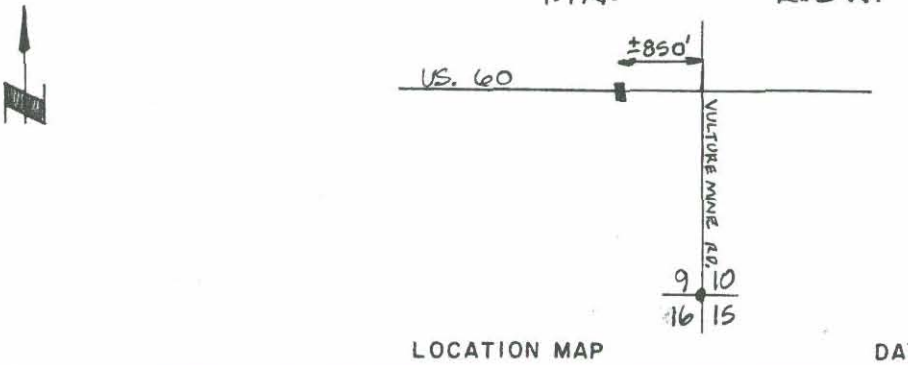
DIRECTION OF PHOTO ○⟶ 7 & FRAME NO.

ROLL NO. 27 & 28



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.
UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM
PORTION IS A CONCRETE PIPE.
T.B.M. AB-18 IS AN A.H.D. BRASS CAP MKD; "STA. 2889+16", LOCATED
"EL. 2325.20"
ON THE SOUTH HEADWALL OF STRUCTURE.



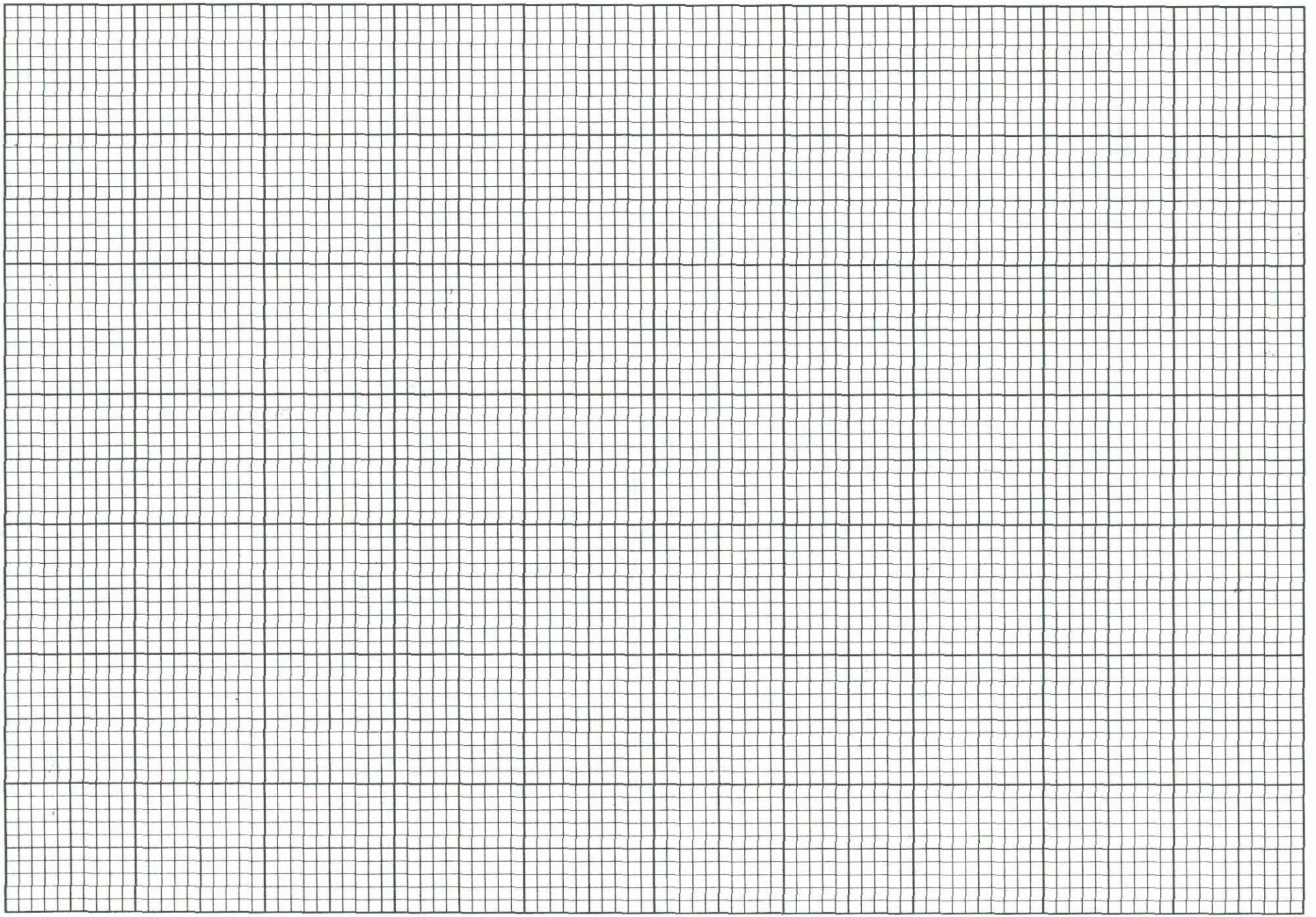
LOCATION MAP

DATE: DEC. 4 1990

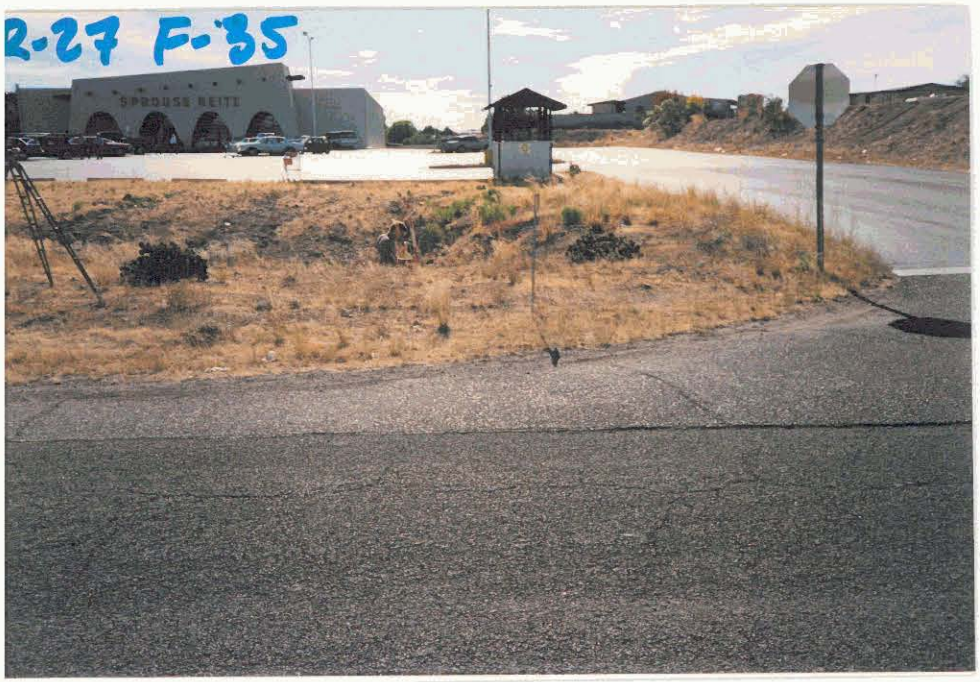
McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



20th Century Plastics
1-800-767-0777
STOCK# PPV840-000



R-28 F-0
AB-18

R-28 F-1
SAFEWAY

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-19

LOCATION/ADDRESS U.S. HWY. 60, ± 1000 FT. EAST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

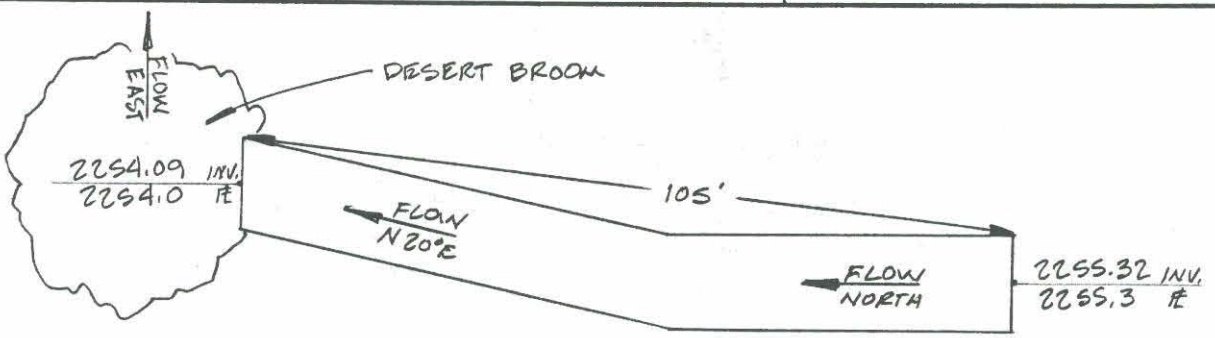
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

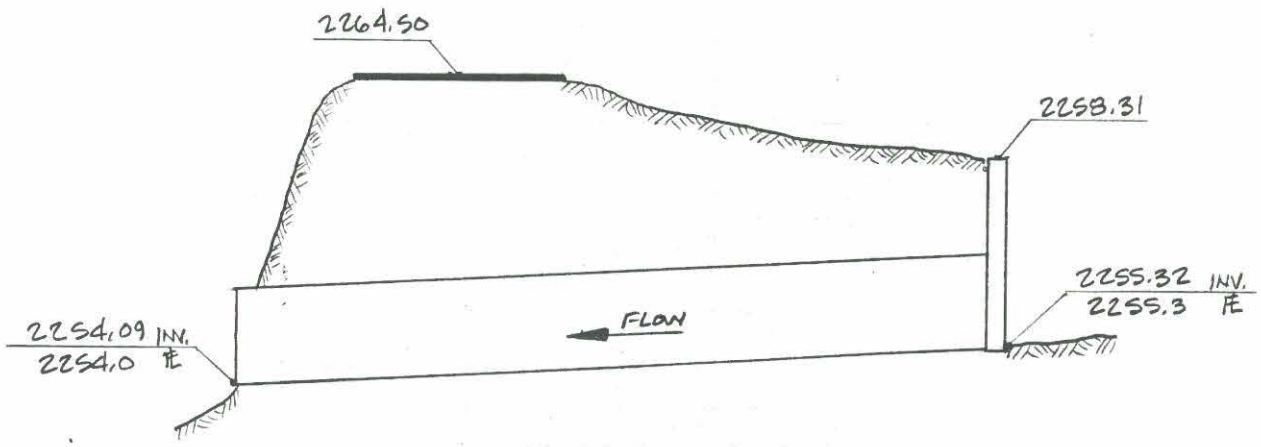
HEADWALLS: YES ■, NO ☐, COND. FAIR

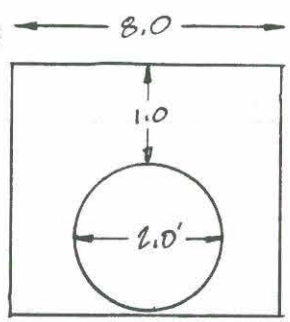
WINGWALLS: YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 9.1 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCH MARK
TBM AB-19	9.15			2258.31
A		12.74	2255.32	
B		12.2	2255.3	
C		9.25	2258.31	
D		3.06	2264.50	
E		13.47	2254.09	
F		13.5	2254.0	
T.P.		4.09		
X	3.35			
TBM AB-19		8.53	2258.31	2258.31

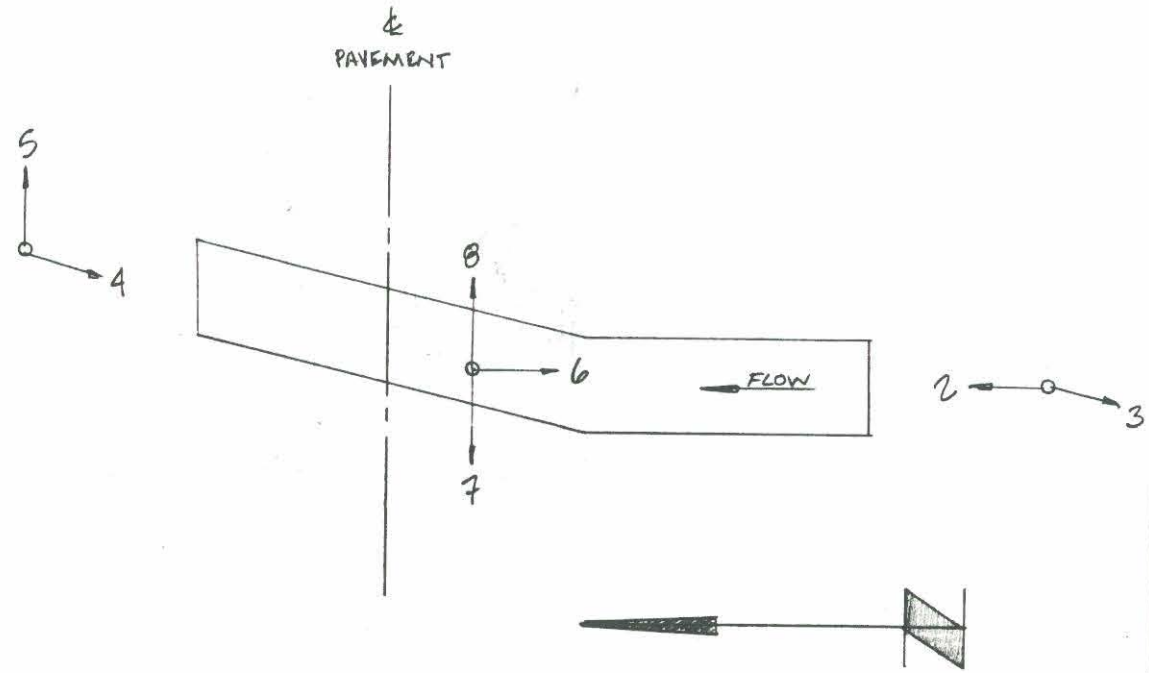
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-19

DIRECTION OF PHOTO ○→ 7 & FRAME NO. ROLL NO. 28

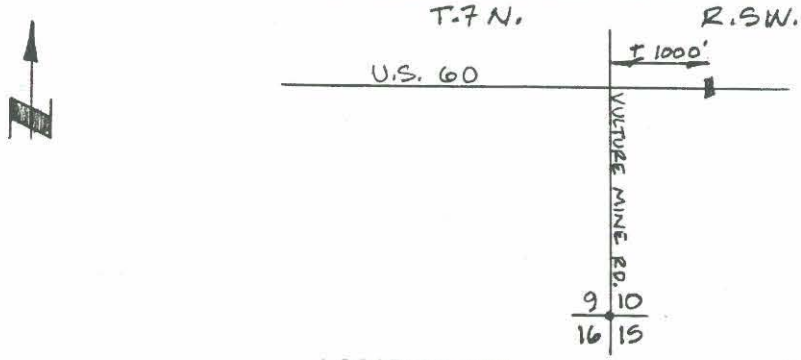


SPECIAL NOTES:

DENSE VEGITATION AT DOWN-STREAM END OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM PORTION IS A CONCRETE PIPE.

T.B.M. AB-19 IS AN A.H.D. BRASS CAP MKD; "STA. 2905+50", "EL. 2297.53", "1932" LOCATED ON THE SOUTH HEADWALL OF STRUCTURE.



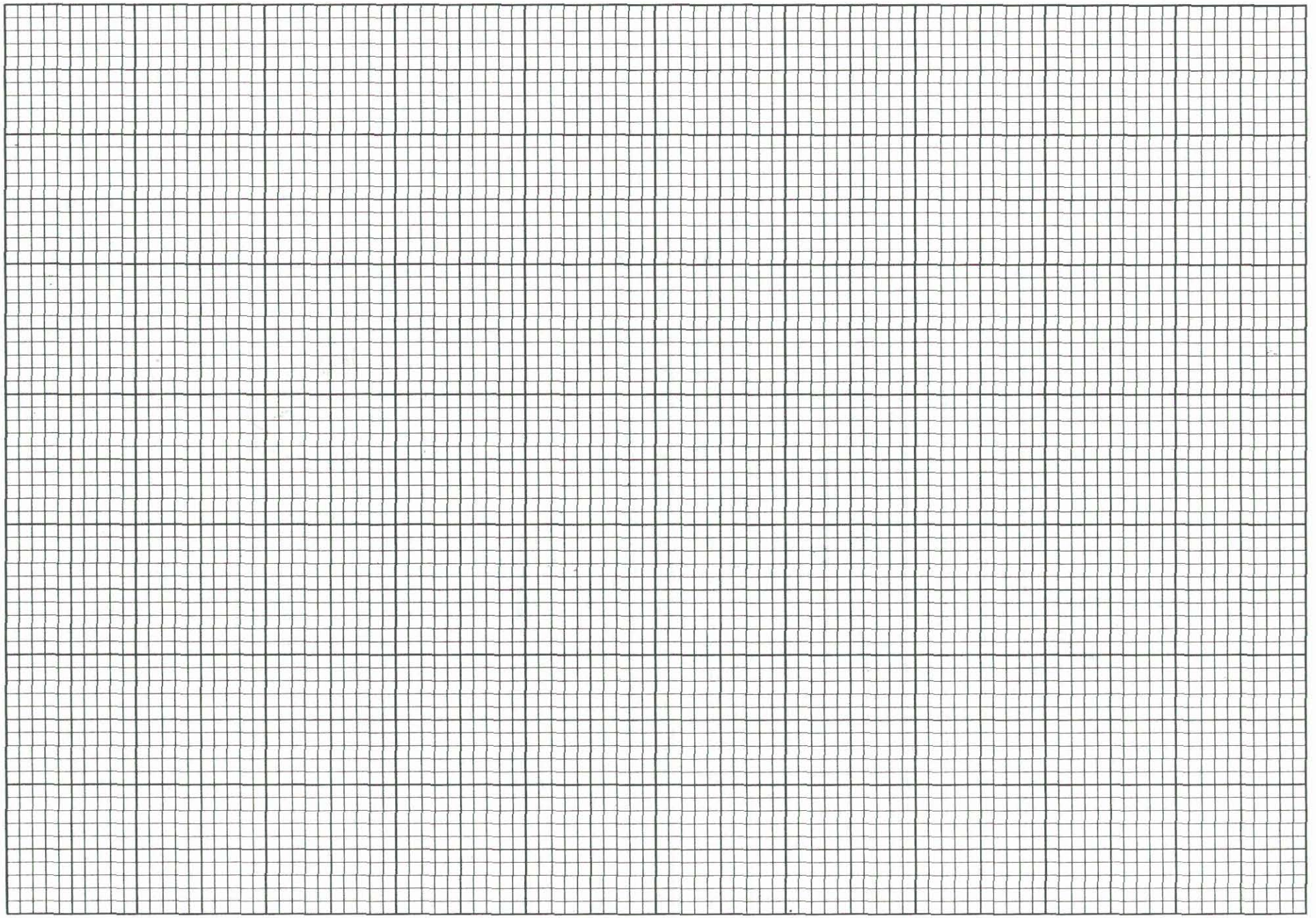
LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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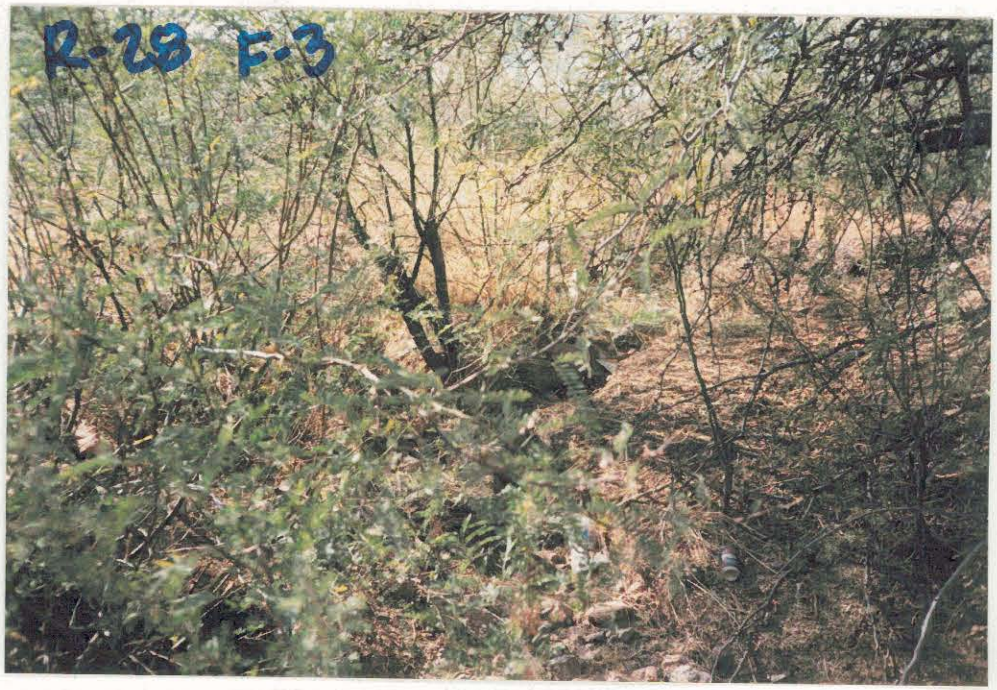
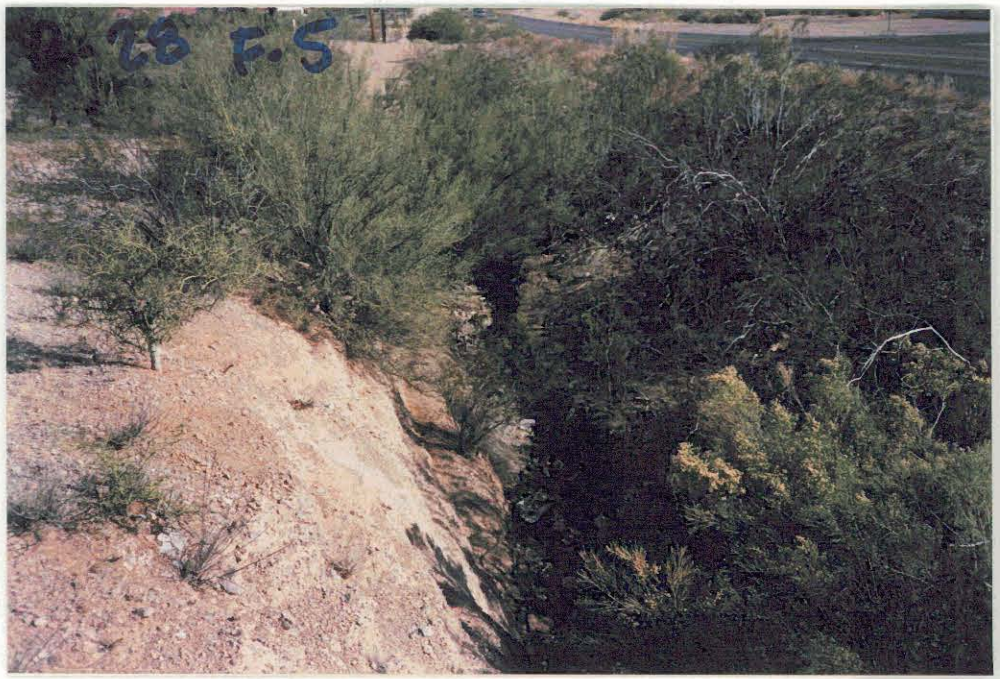
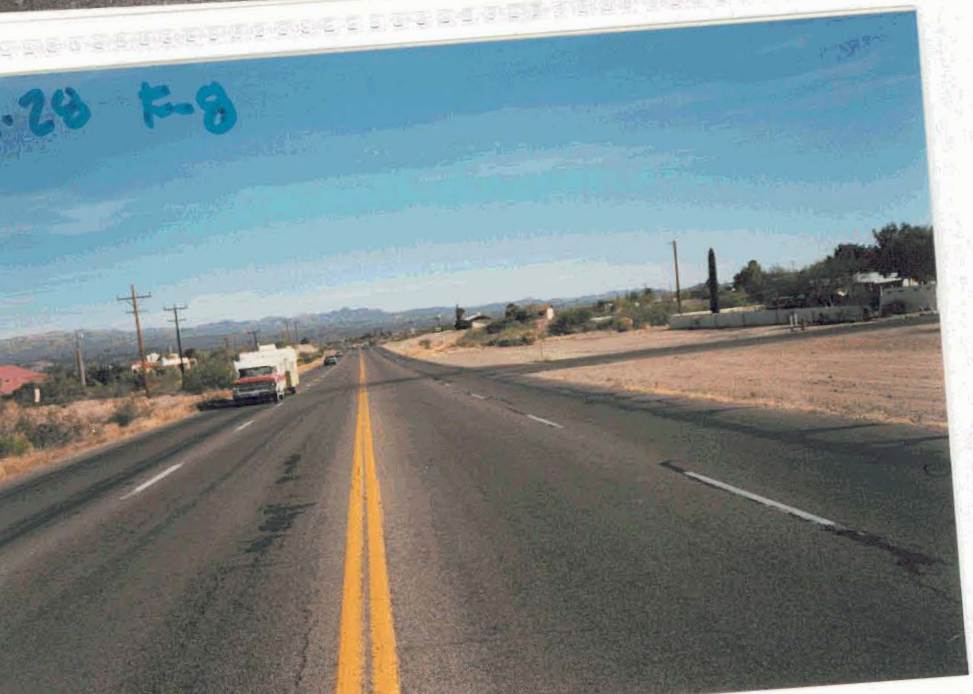




.8 F.6

R-28 F.7


.28 F-8

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-20

LOCATION/ADDRESS TERRACE DR., ± 1000 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	1.0 FT.			COUNTY
WOOD B.				
OTHER				

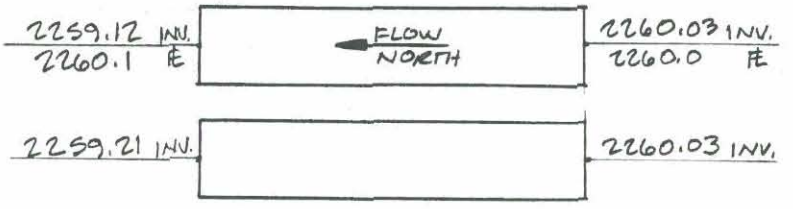
STRUC. COND.: GOOD ■, FAIR □, POOR □

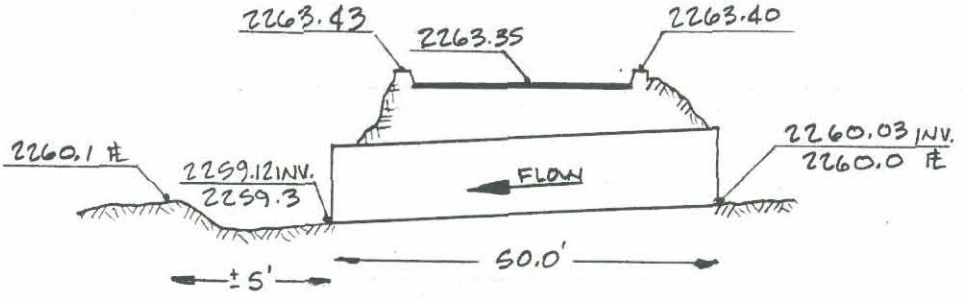
HEADWALLS : YES □, NO ■, COND. ——

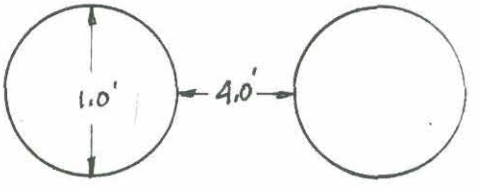
WINGWALLS : YES □, NO ■, COND. ——

DEPTH OF AVAILABLE HEADWATER: ± 3.4 FT.

NO. OF SPANS OR BARRELS: 2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-20	6.75			2262.88
A		9.10	2260.03	
B		9.1	2260.0	
C		9.10	2260.03	
D		5.73	2263.40	
E		5.78	2263.35	
F		5.70	2263.43	
G		10.01	2259.12	
H		9.8	2259.3	
I		9.92	2259.21	
J		9.0	2260.1	
T.P.		5.61		
T	4.90			
TBM AB-20		5.53	2262.89	2262.88

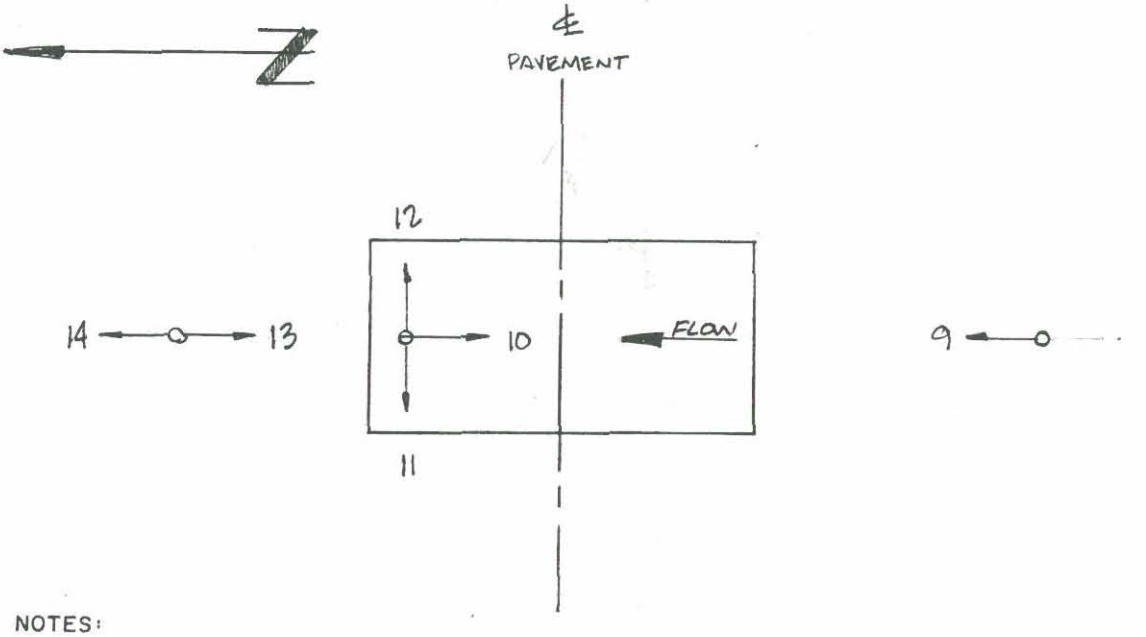
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-20

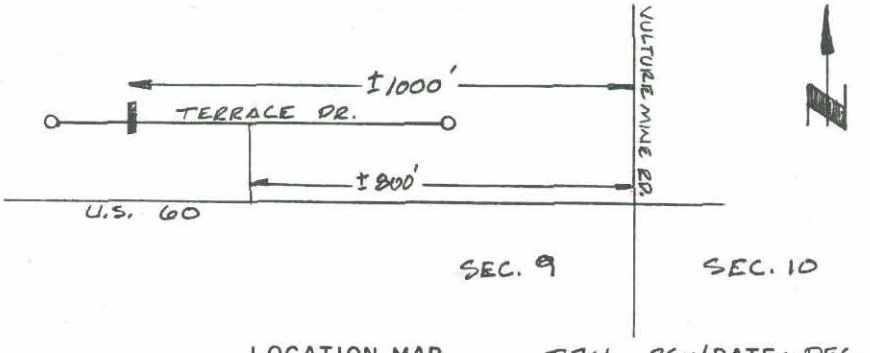
DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 28



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT DOWN-STREAM END OF STRUCTURE.

DEEP SCOUR HOLE AT DOWN-STREM END OF STRUCTURE

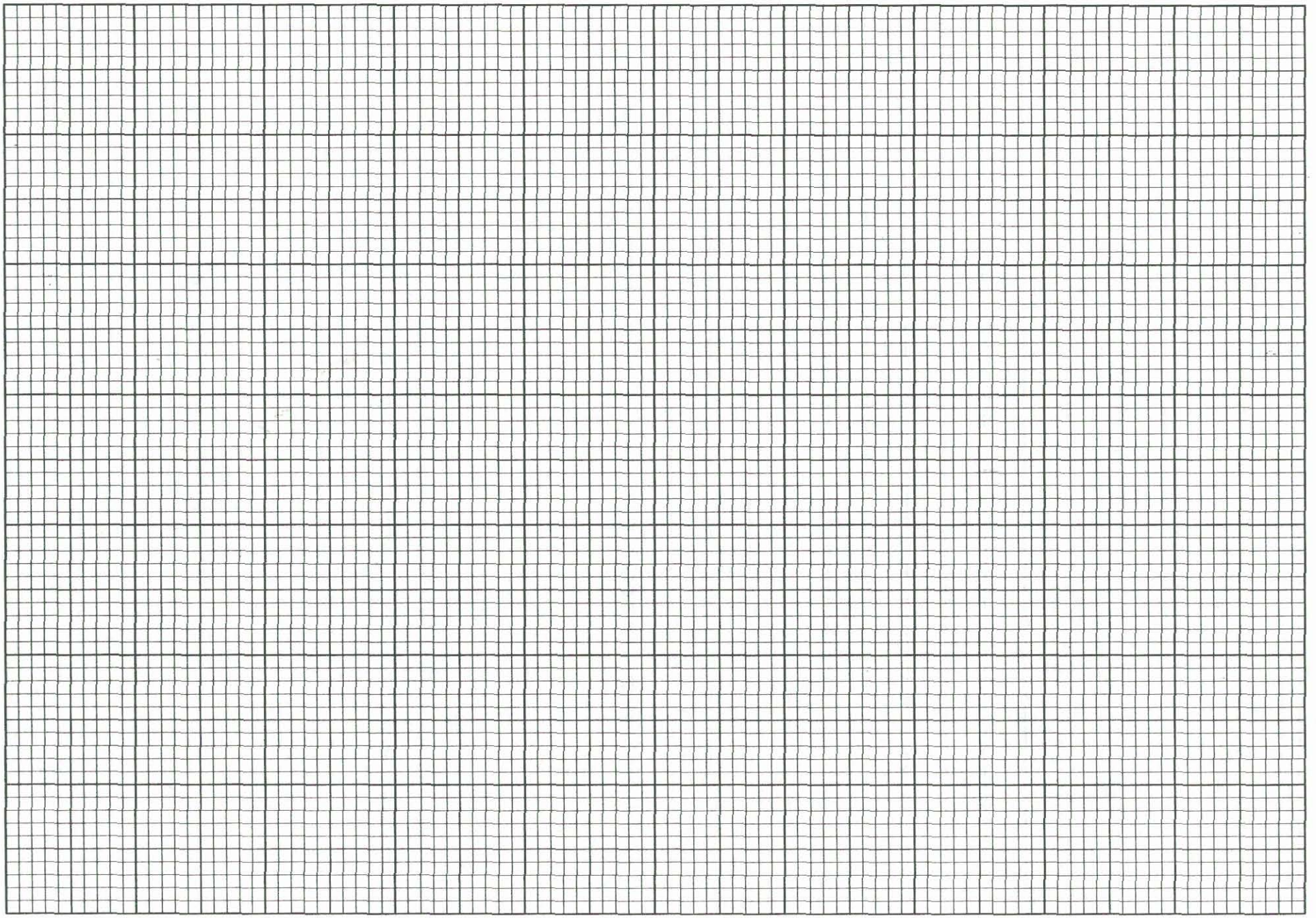


LOCATION MAP T.7N., R5W. DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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STOCK# PPV840-000

R-28 F-13
AB-20

R-28 F-14

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-21

LOCATION/ADDRESS TERRACE DR., ± 650 FT. WEST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

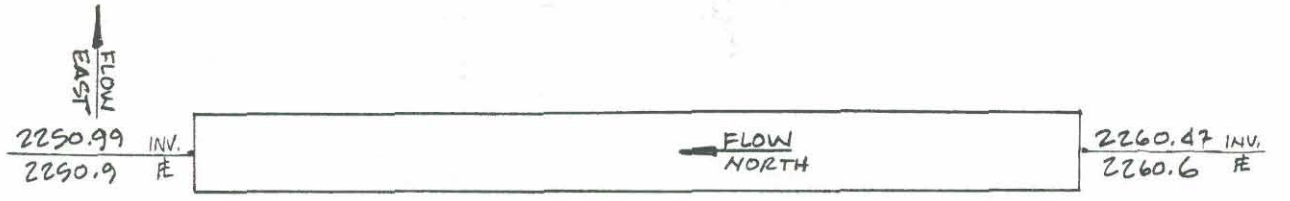
STRUC. COND.: GOOD ■, FAIR □, POOR □

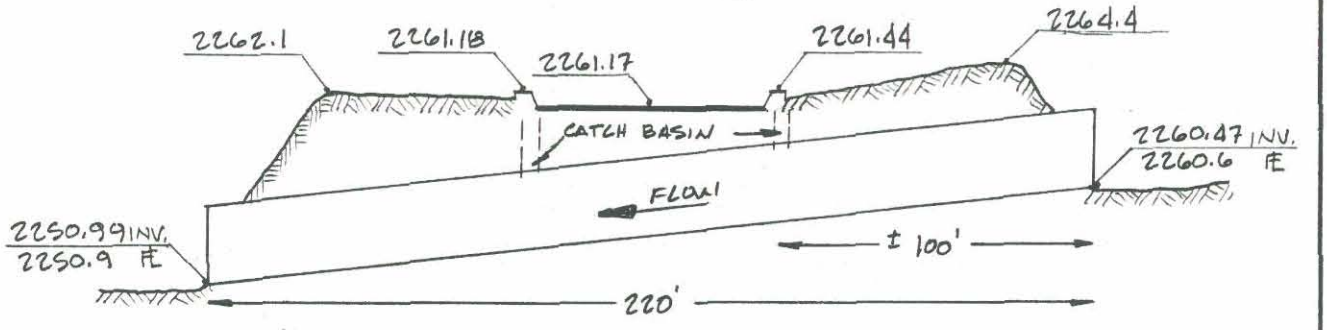
HEADWALLS : YES □, NO ■, COND. ____

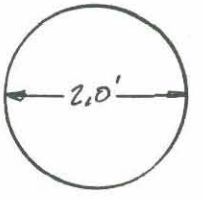
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 4.0 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-21	6.80			2261.34
A		7.67	2260.47	
B		7.5	2260.6	
C		3.7	2264.4	
D		6.70	2261.44	
E		6.97	2261.17	
F		6.96	2261.18	
G		6.0	2262.1	
H		17.15	2250.99	
I		17.2	2250.9	
T.P.		5.92		
TP	5.19			
TBM AB-21		6.07	2261.34	2261.34

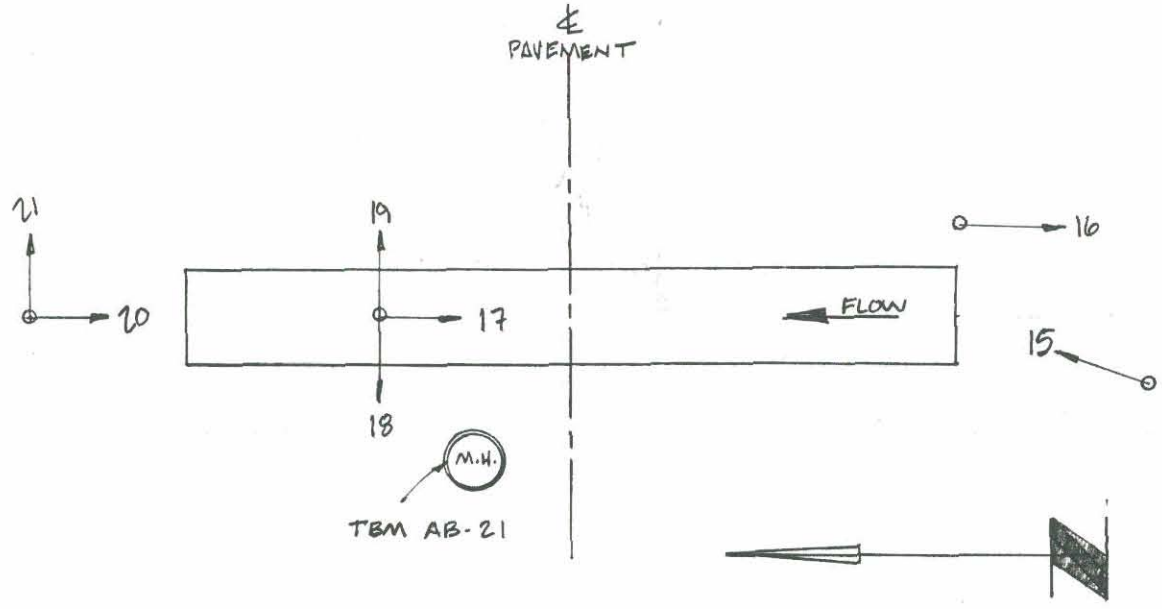
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

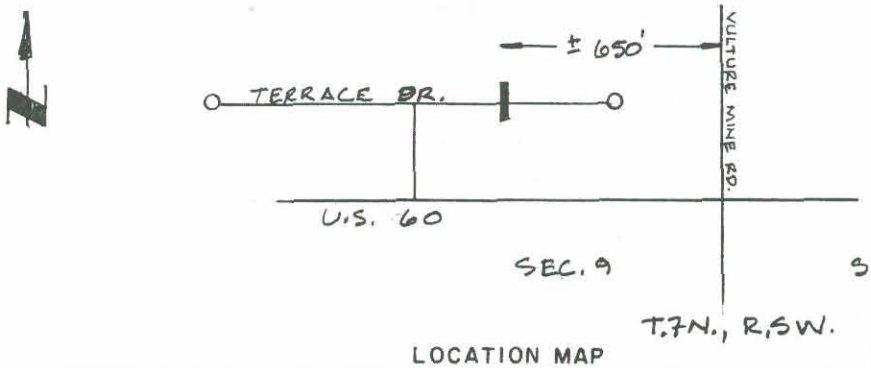
STRUC. NO. AB-21

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 28



SPECIAL NOTES:

T.B.M. AB-21 IS THE NORTH RIM OF SEWER MAN HOLE, LOCATED JUST WEST OF STRUCTURE AND IN TERRACE DR..



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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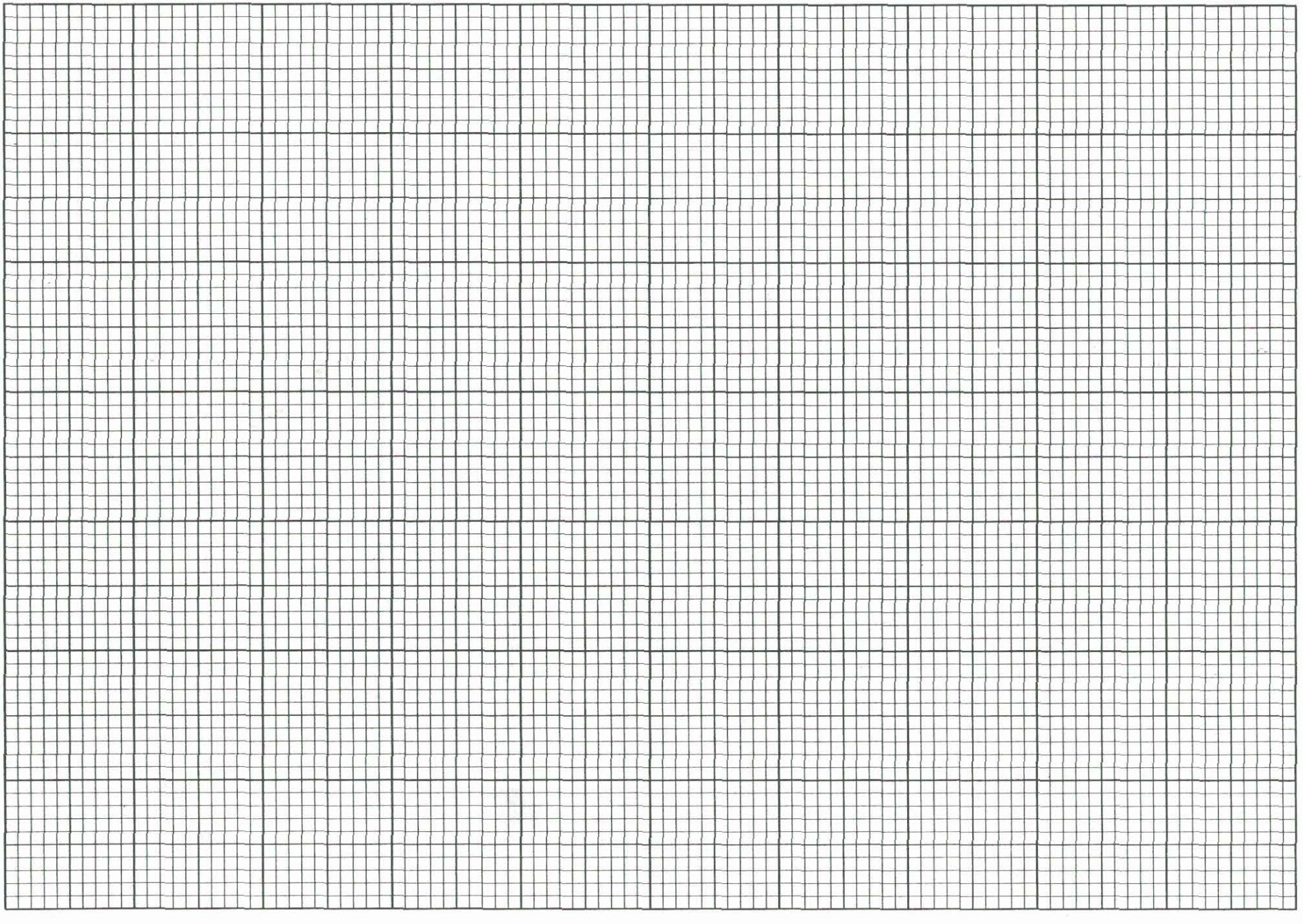

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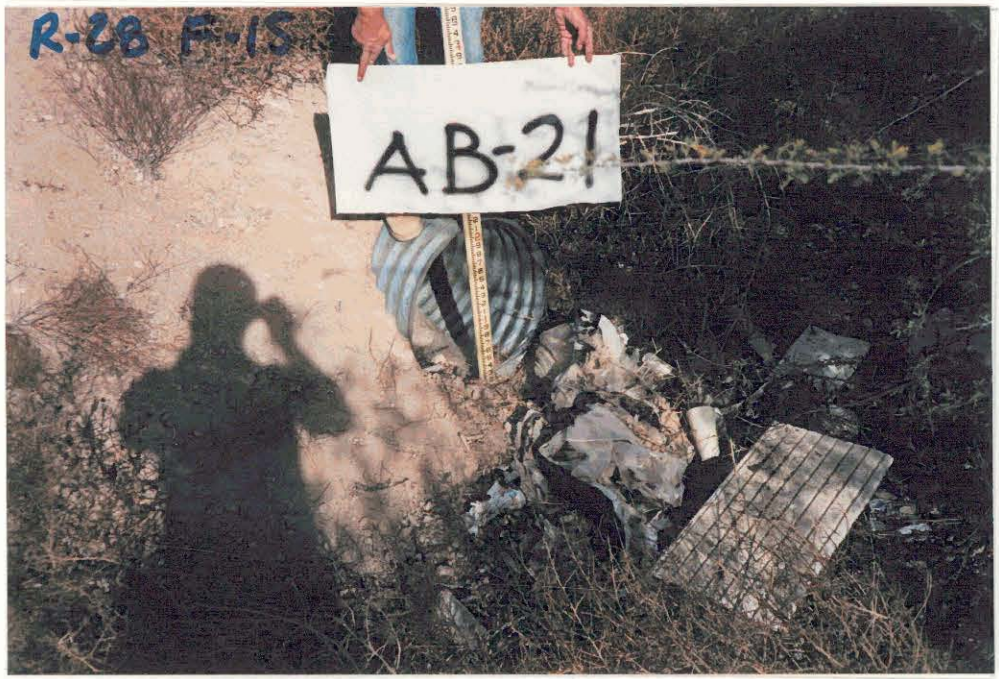
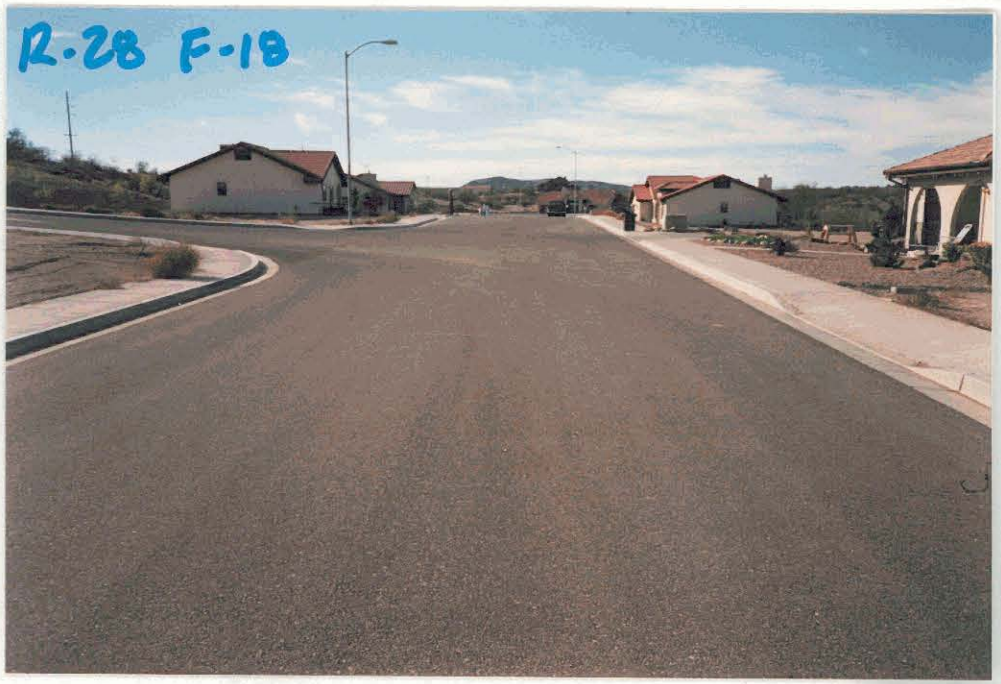




R-28 F-19

R-28 F-20
AB-21

R-28 F-21

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-22

LOCATION/ADDRESS WEST RD., ± 100 FT. SOUTH OF U.S. HWY. 60.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	1.5 FT.			COUNTY
WOOD B.				
OTHER				

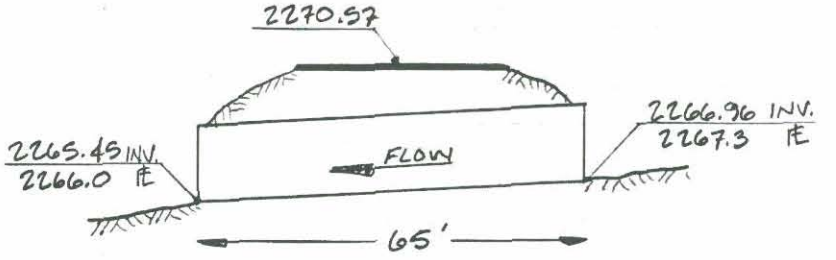
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

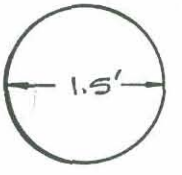
HEADWALLS : YES ☐, NO ■, COND. ____

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.5 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-22	5.82			2270.22
A		9.08	2266.96	
B		8.7	2267.3	
C		5.47	2270.57	
D		10.59	2265.45	
E		10.0	2266.0	
T.P.		4.48		
T	3.78			
TBM AB-22		5.13	2270.21	2270.22

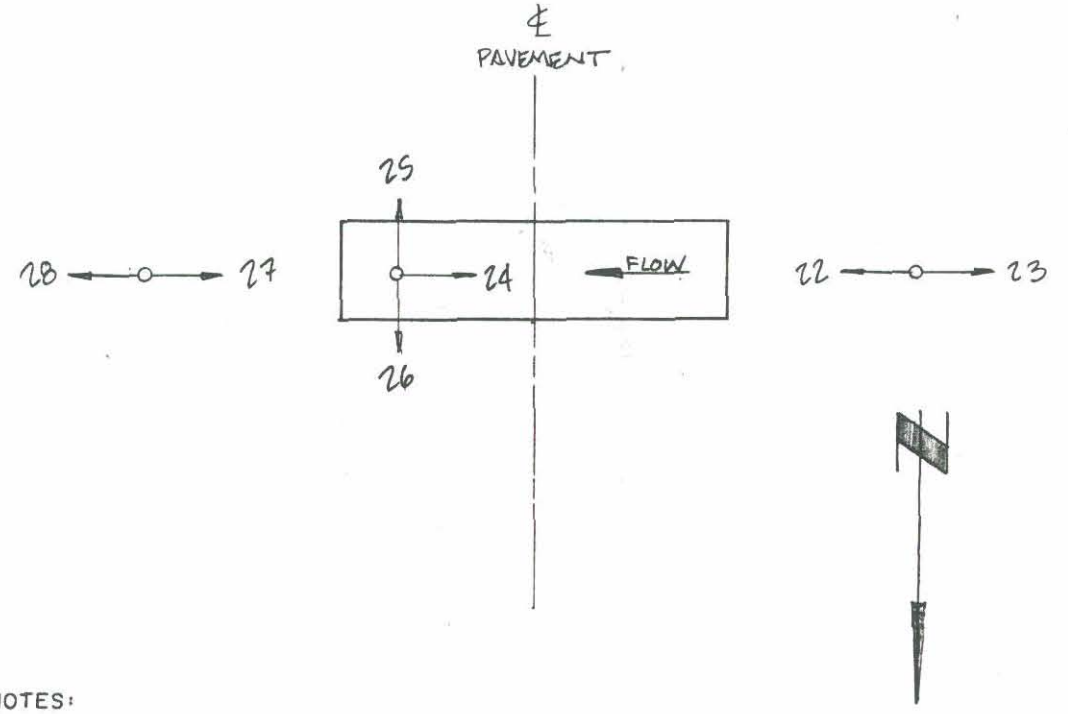
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

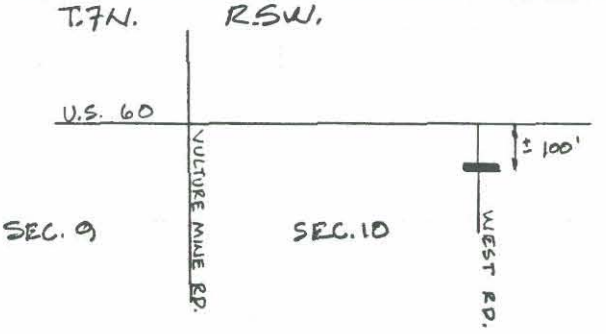
STRUC. NO. AB-22

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 28



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT BOTH ENDS OF STRUCTURE.
C.M.P. IS BENT AT UP-STREAM OPENING.



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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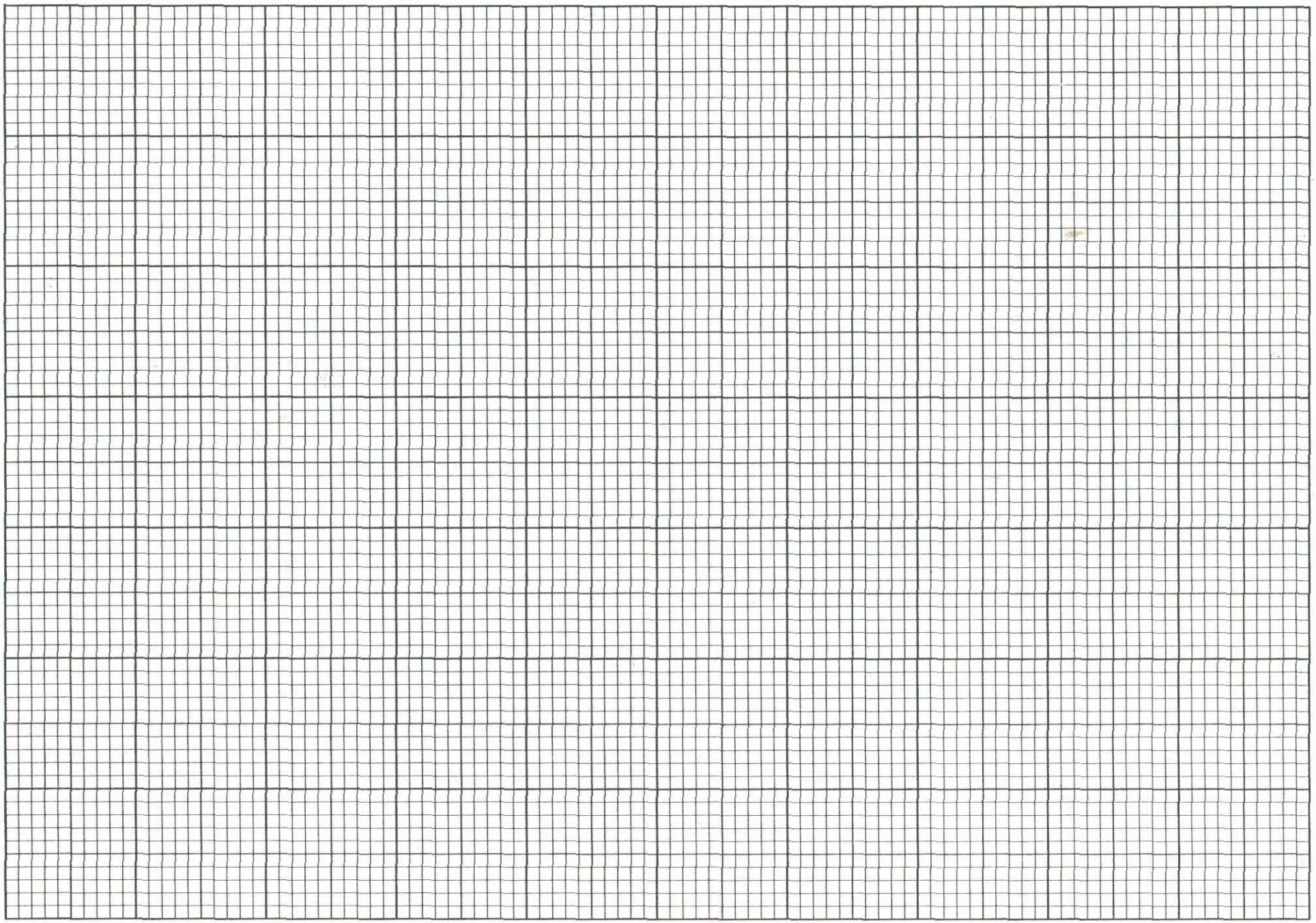

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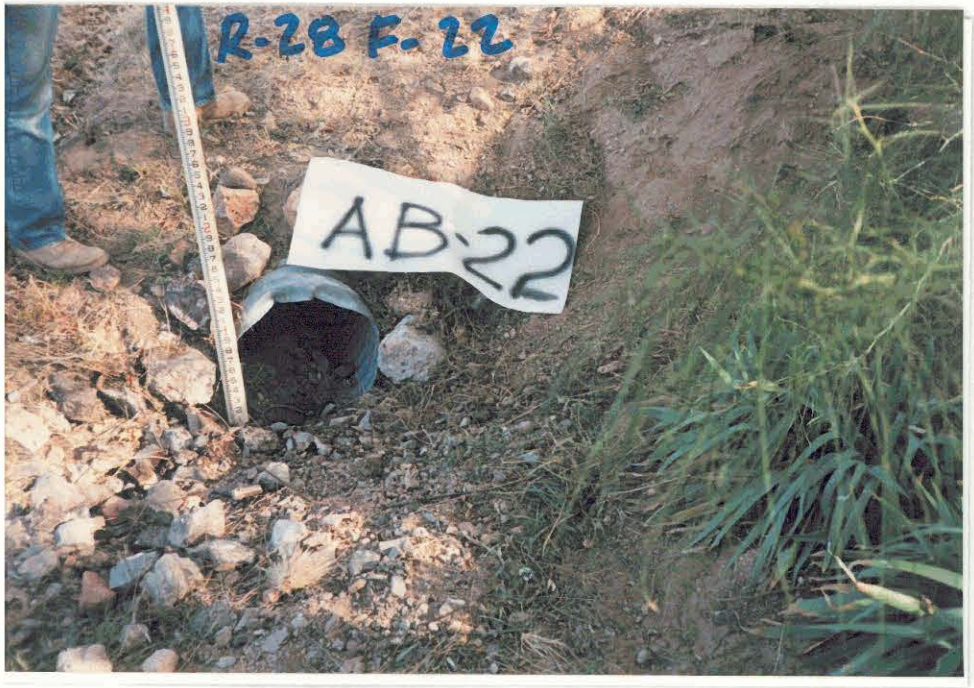
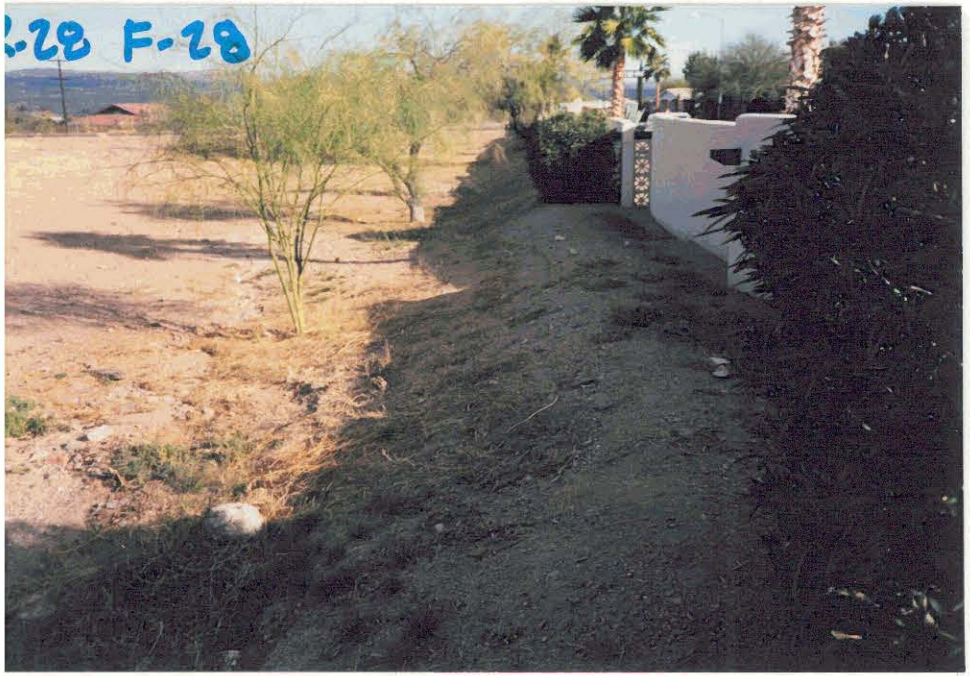


R-28 F-26
STOP

R-28 F-27
AB-22


-28 F-28

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AB-23

LOCATION/ADDRESS VULTURE MINE RD., ± 150 FT. WEST OF YUCCA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S.McCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

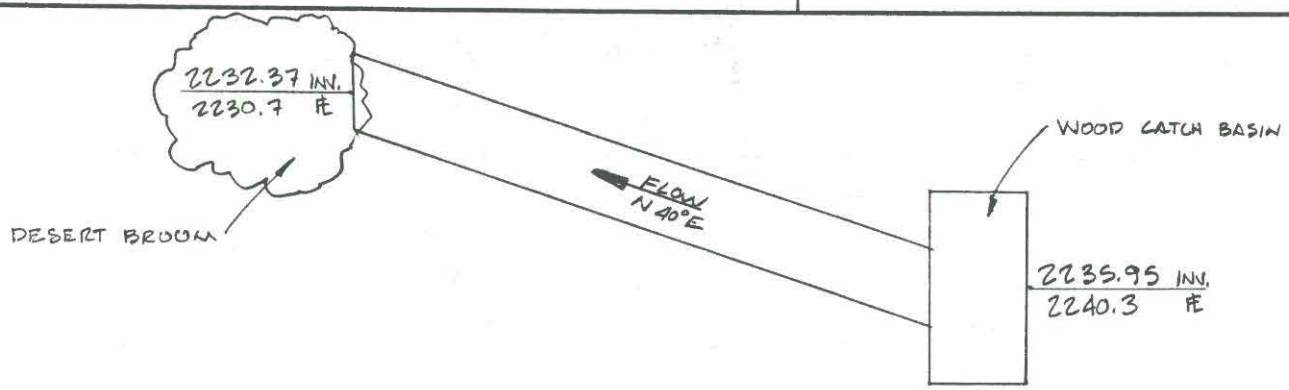
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

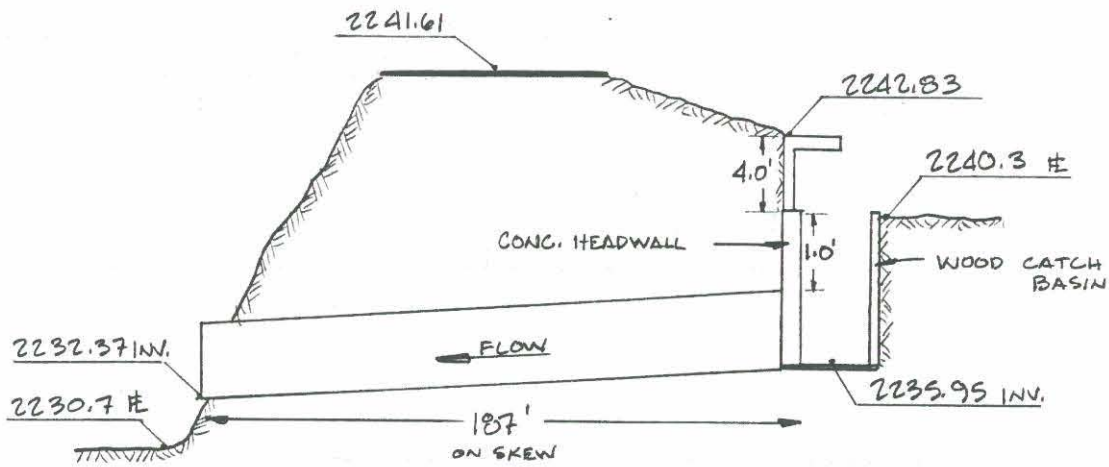
HEADWALLS: YES ■, NO ☐, COND. POOR

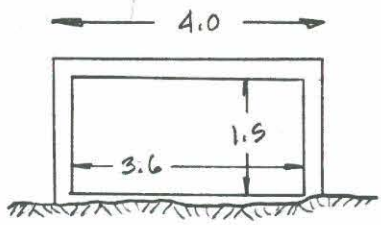
WINGWALLS: YES ■, NO ☐, COND. POOR

DEPTH OF AVAILABLE HEADWATER: ± 2.5 FT.

NO. OF SPANS OR BARRELS: 1







WOOD CATCH BASIN OPENING

SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AB-23	5.72			1242.83
A		12.60	1235.95	
B		8.3	1240.3	
C		5.72	1242.83	
D		6.94	1241.61	
E		16.18	1232.37	
F		17.8	1230.7	
T.P.		5.42		
X	4.80			
TBM AB-23		5.10	1242.83	1242.83

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

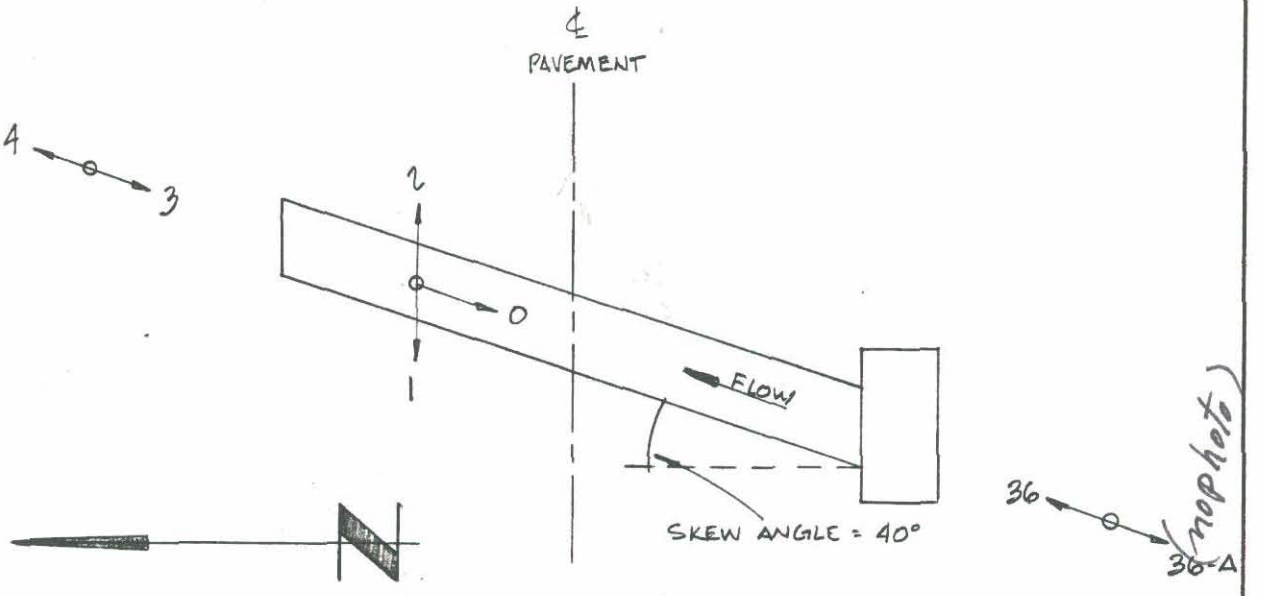
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AB-23

DIRECTION OF PHOTO ○——► 7 & FRAME NO.

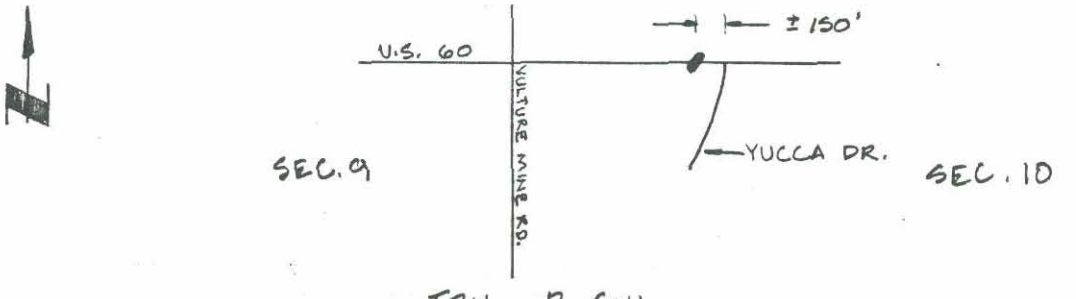
ROLL NO. 28 & 29



SPECIAL NOTES:

DENSE VEGITATION AT DOWN-STREAM END OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM PORTION IS A CONCRETE PIPE.



T.7N., R.5W.

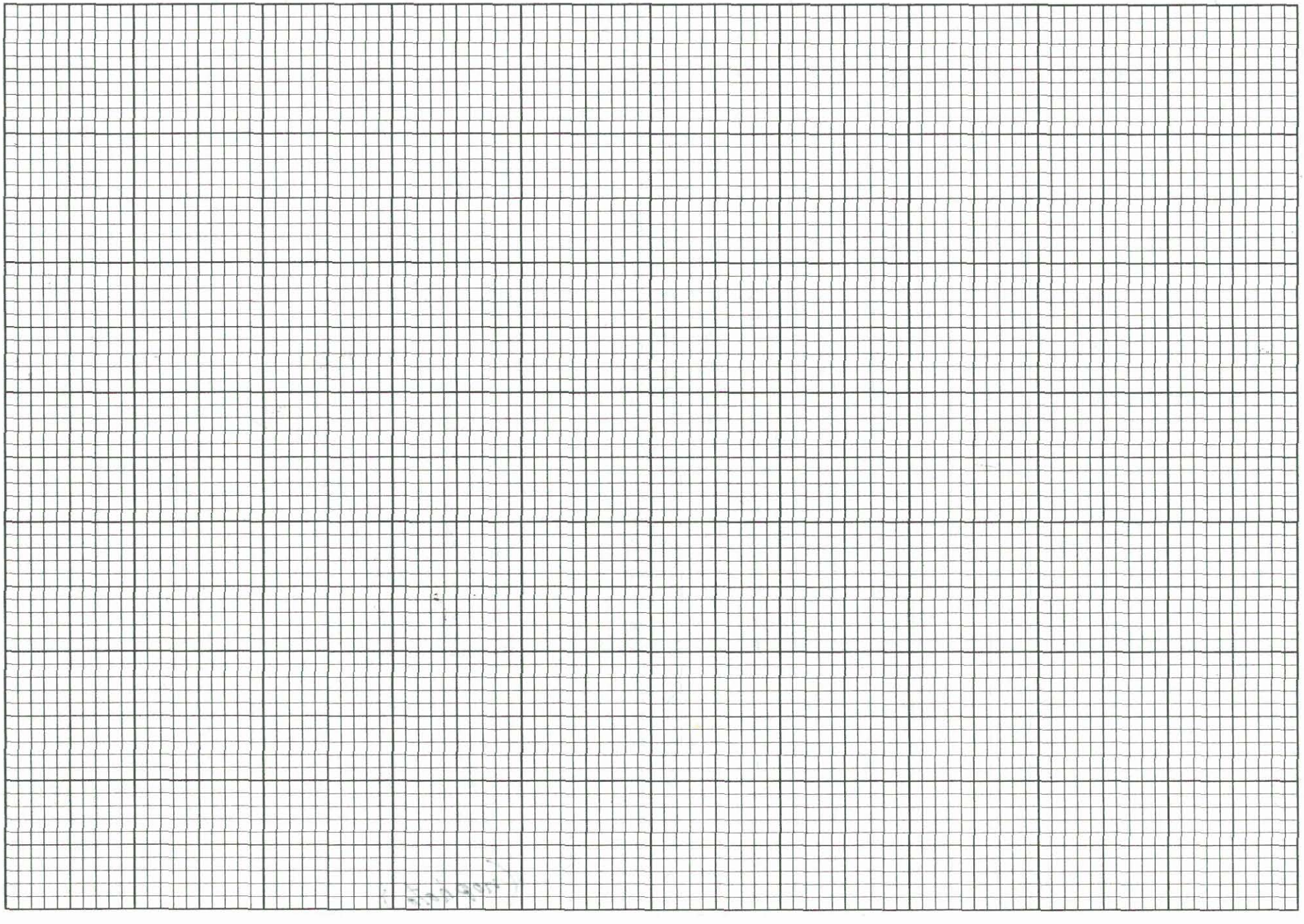
LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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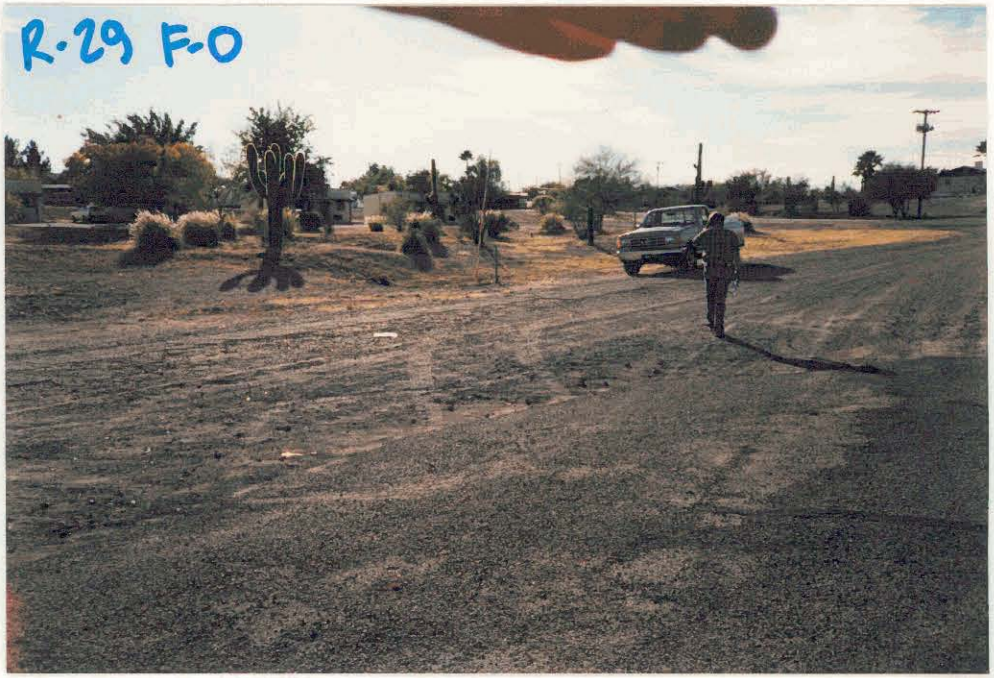
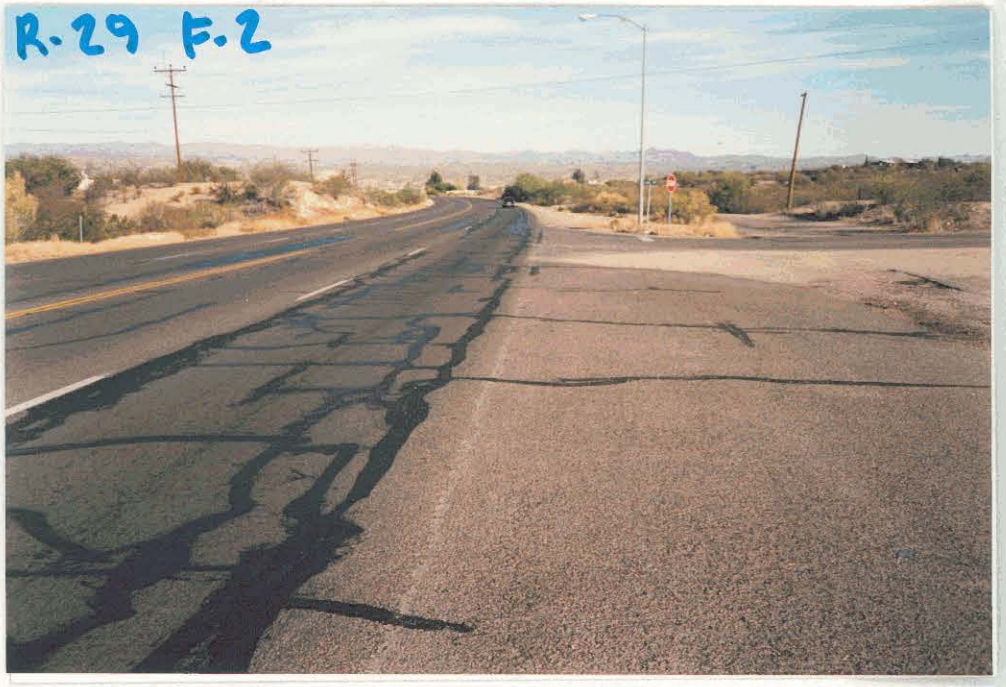
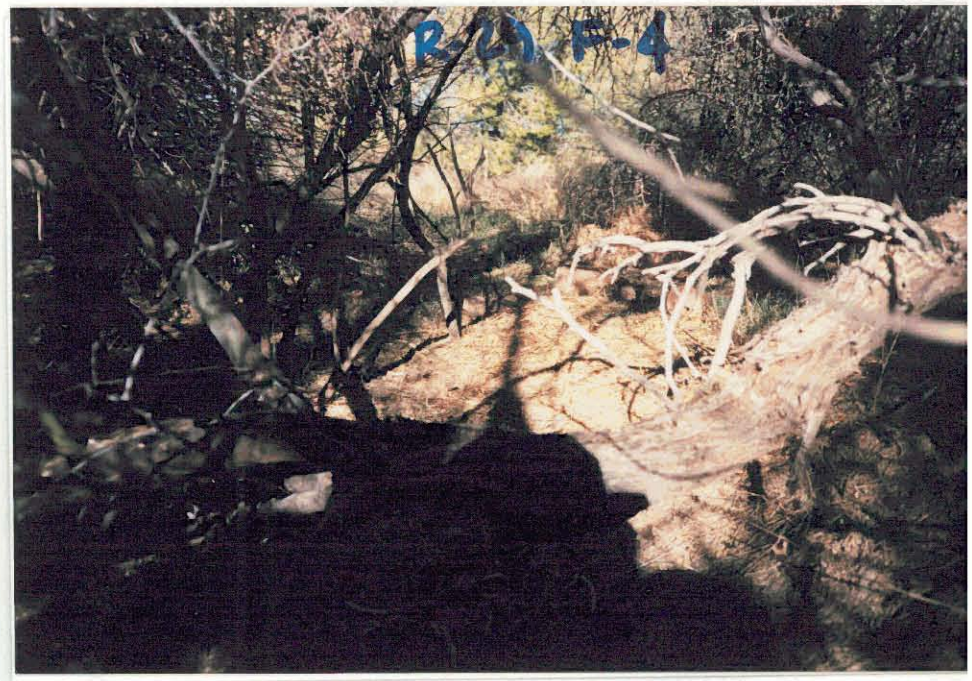
STOCK# PPV840-000







50th Century Plastics
1-800-767-0770
STOCK # PPV840-000

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-1

LOCATION/ADDRESS 0.4 MILES N.W. OF U.S. HWY. 60 UNDERPASS (WICKENBURG) ALONG A.T.&S.F. LINE.

NAME OF WASH AC

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		10.0 FT.	8.0 FT	A.T. & S.F.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

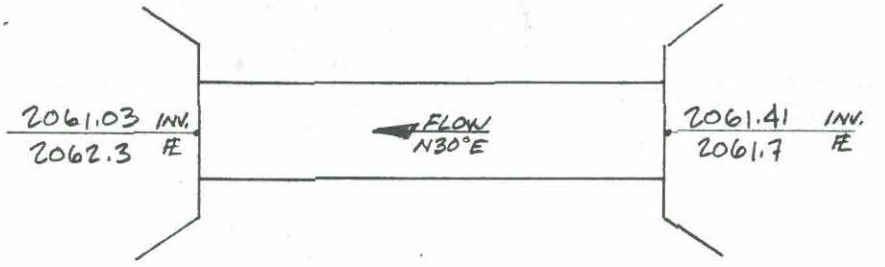
STRUC. COND.: GOOD ☐, FAIR ☐, POOR ■

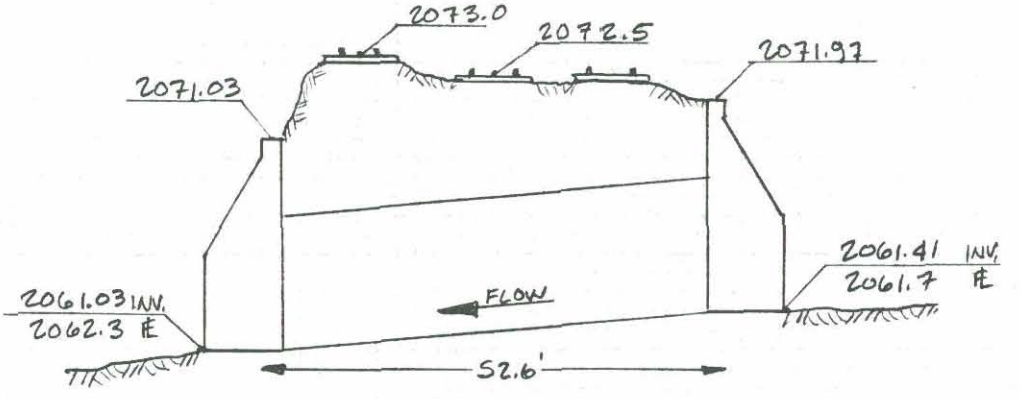
HEADWALLS : YES ■, NO ☐, COND. POOR

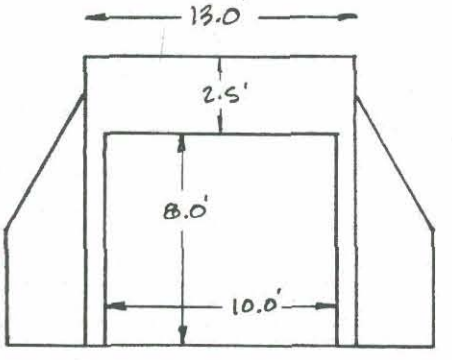
WINGWALLS : YES ■, NO ☐, COND. POOR

DEPTH OF AVAILABLE HEADWATER: ± 11.6 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 15 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-1	2.97			2071.59
A		13.51	2061.41	
B		13.2	2061.7	
C		2.95	2071.97	
D		3.89	2071.03	
E		13.89	2061.03	
F		17.6	2062.3	
T.P.		1.10		
TBM AC-1	3.25			
TBM AC-1		5.48	2071.59	2071.59

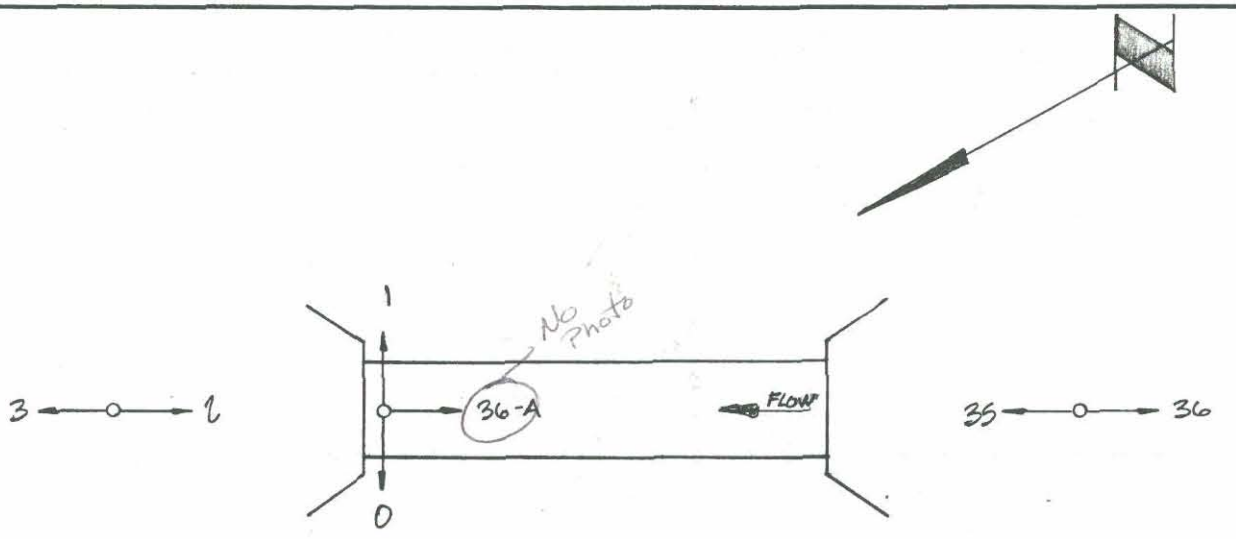
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

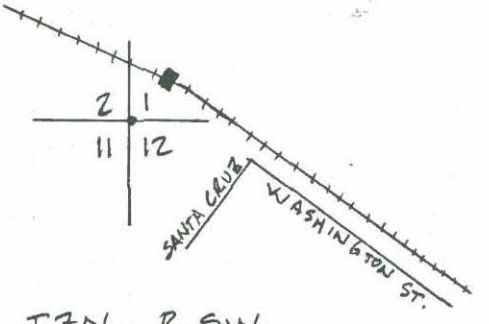
STRUC. NO. AC-1

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 6 & 7



SPECIAL NOTES:

T.B.M. AC-1 IS A CHISLED "+" AT SOUTH END OF UP-STREAM HEADWALL.



T.7N., R.5W.

LOCATION MAP

DATE: NOV. 15 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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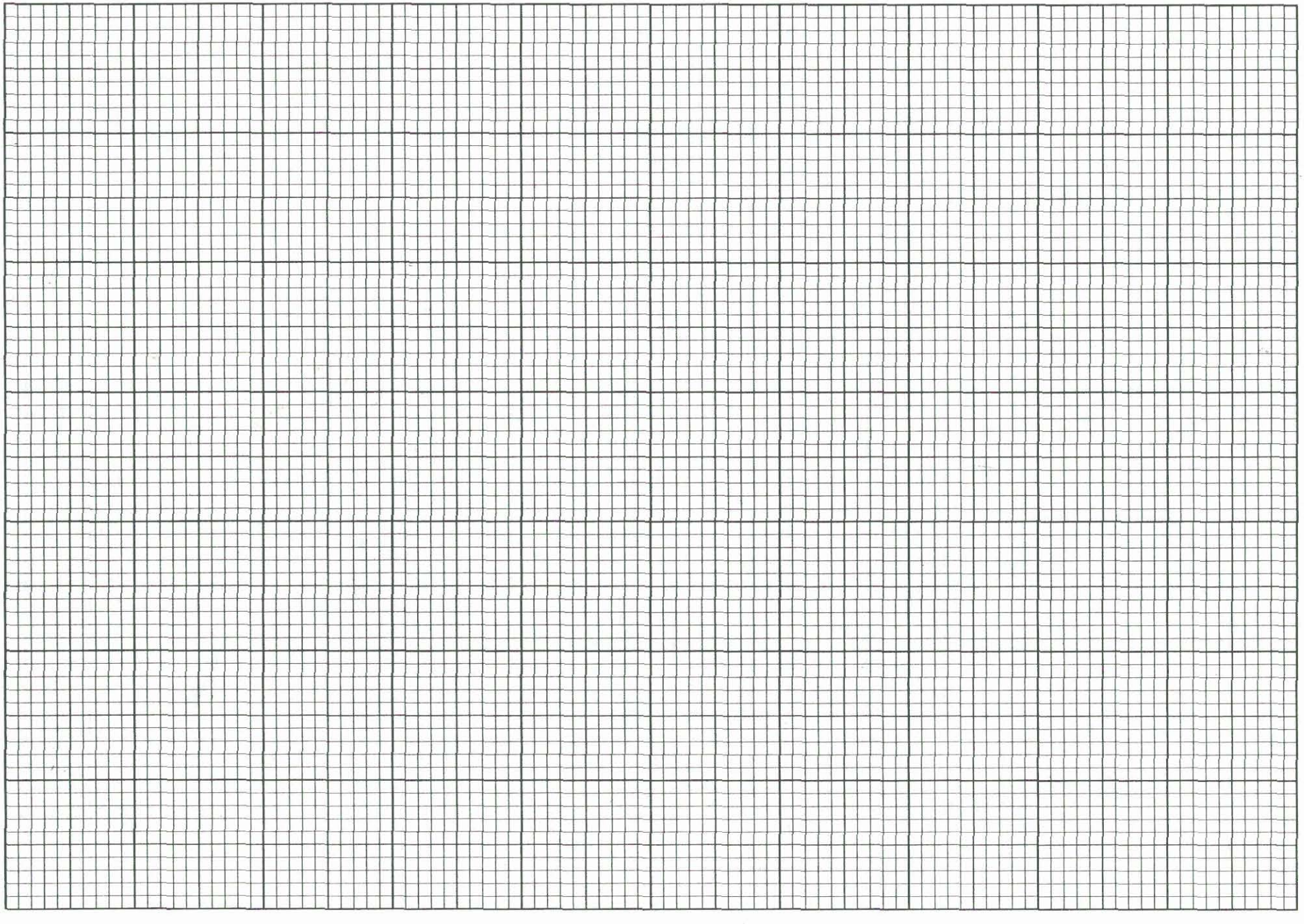

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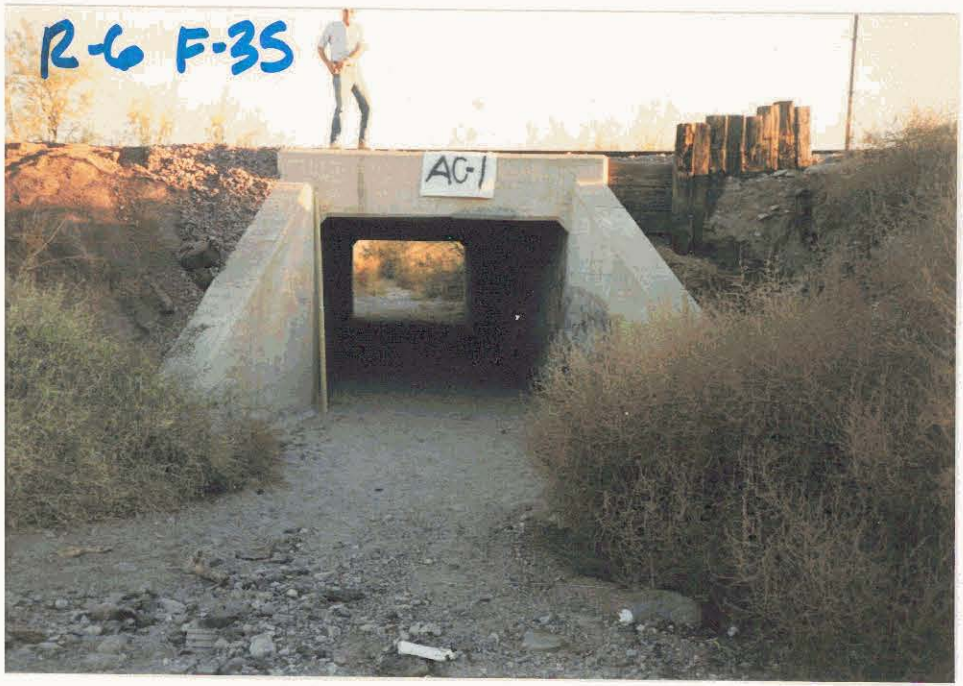
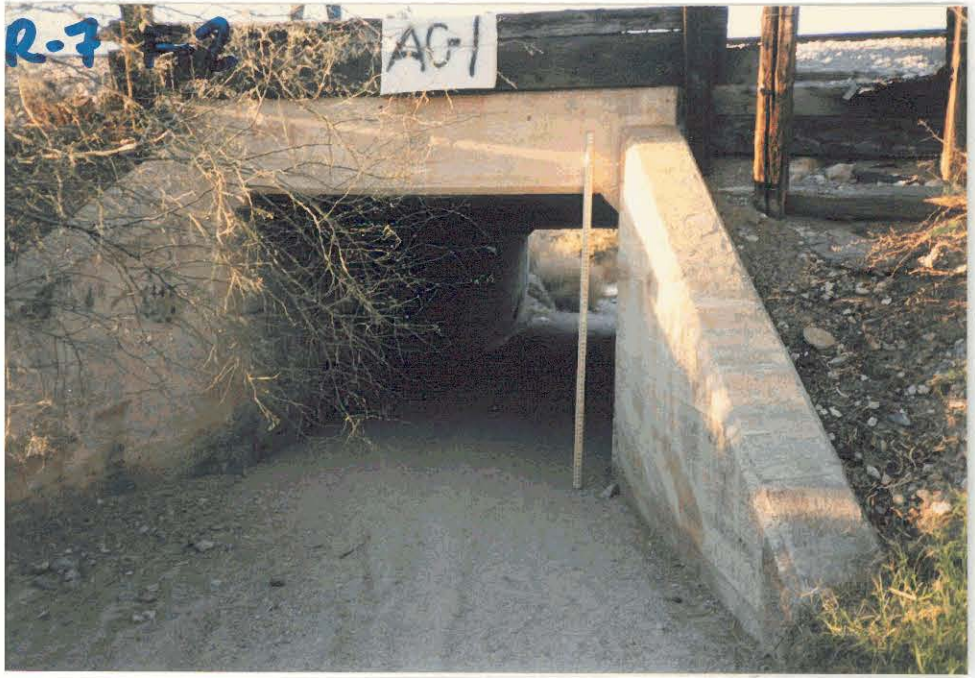



R-7 F-2
AG-1

R-7 F-3

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-2

LOCATION/ADDRESS NAVAJO ST. JUST WEST OF JACKSON ST.

NAME OF WASH AC

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		10.0 FT.	5.0. FT.	C.O.W.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS : YES ■, NO □, COND. GOOD

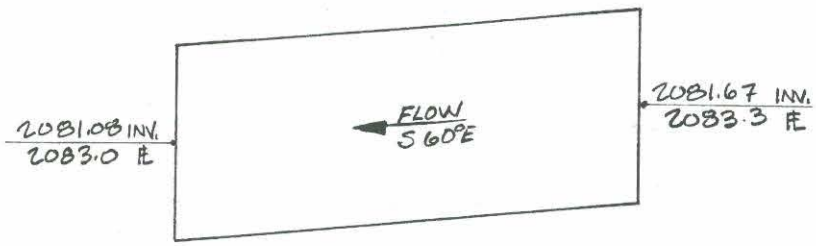
WINGWALLS : YES □, NO ■, COND. ____

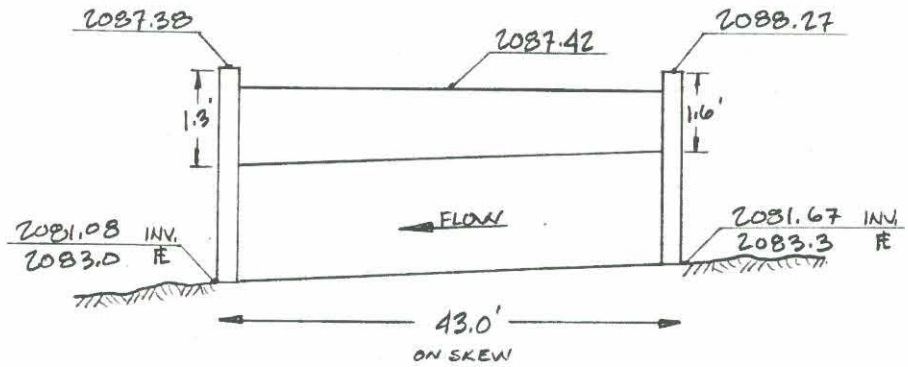
DEPTH OF AVAILABLE HEADWATER:

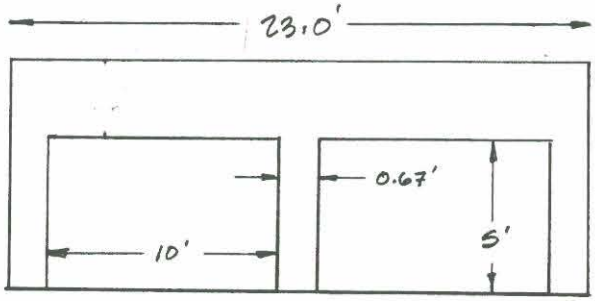
± 6.5 FT.

NO. OF SPANS OR BARRELS:

2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-2	4.58			2088.24
A		11.15	2081.67	
B		9.5	2083.3	
C		4.55	2088.27	
D		5.40	2087.42	
E		5.44	2087.38	
F		11.74	2081.08	
G		9.8	2083.0	
T.P.		4.83		
T.P.	5.27			
TBM AC-2		5.03	2088.23	2088.24

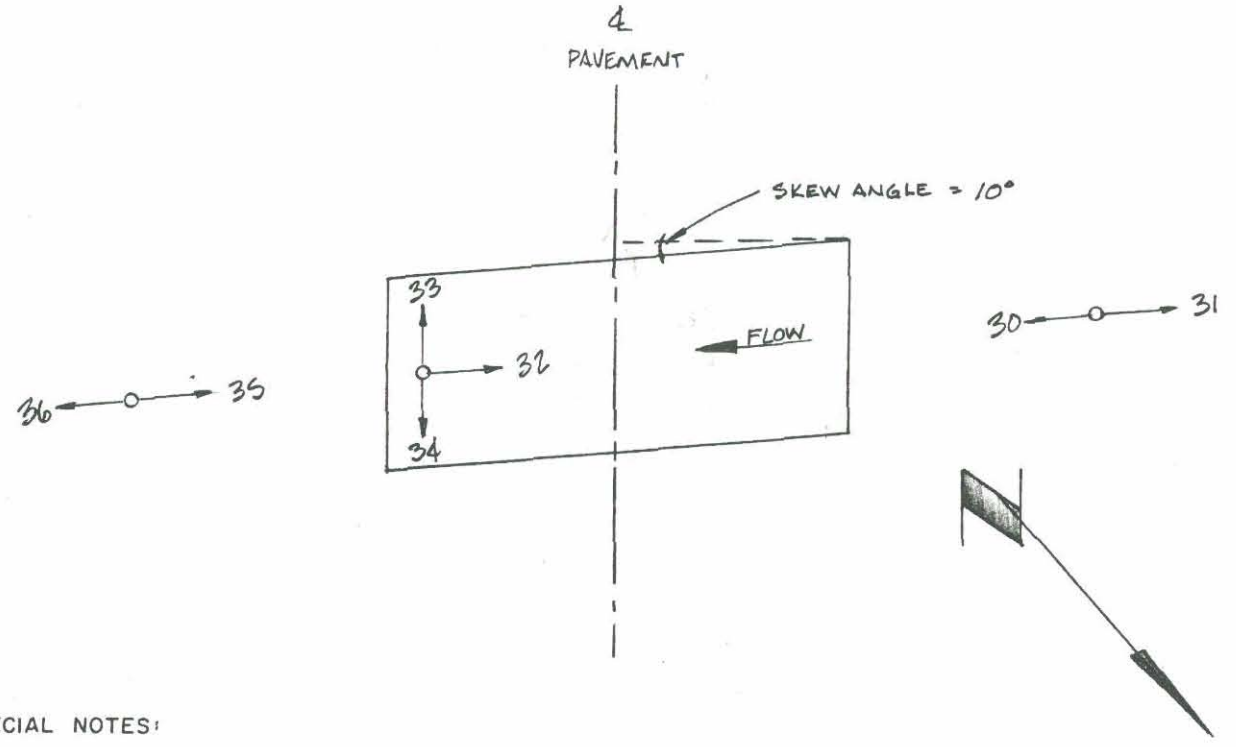
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-2

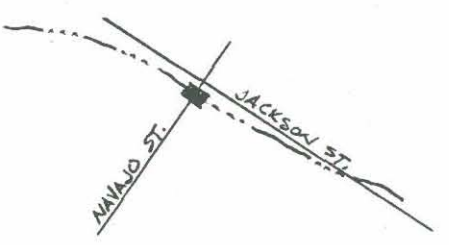
DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 30



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT BOTH ENDS OF STRUCTURE.

T.B.M. AC-2 IS A CHISLED "+" ON WEST END OF UP-STREAM HEADWALL OF STRUCTURE.



SEC. 11, T.7N., R.5W.

LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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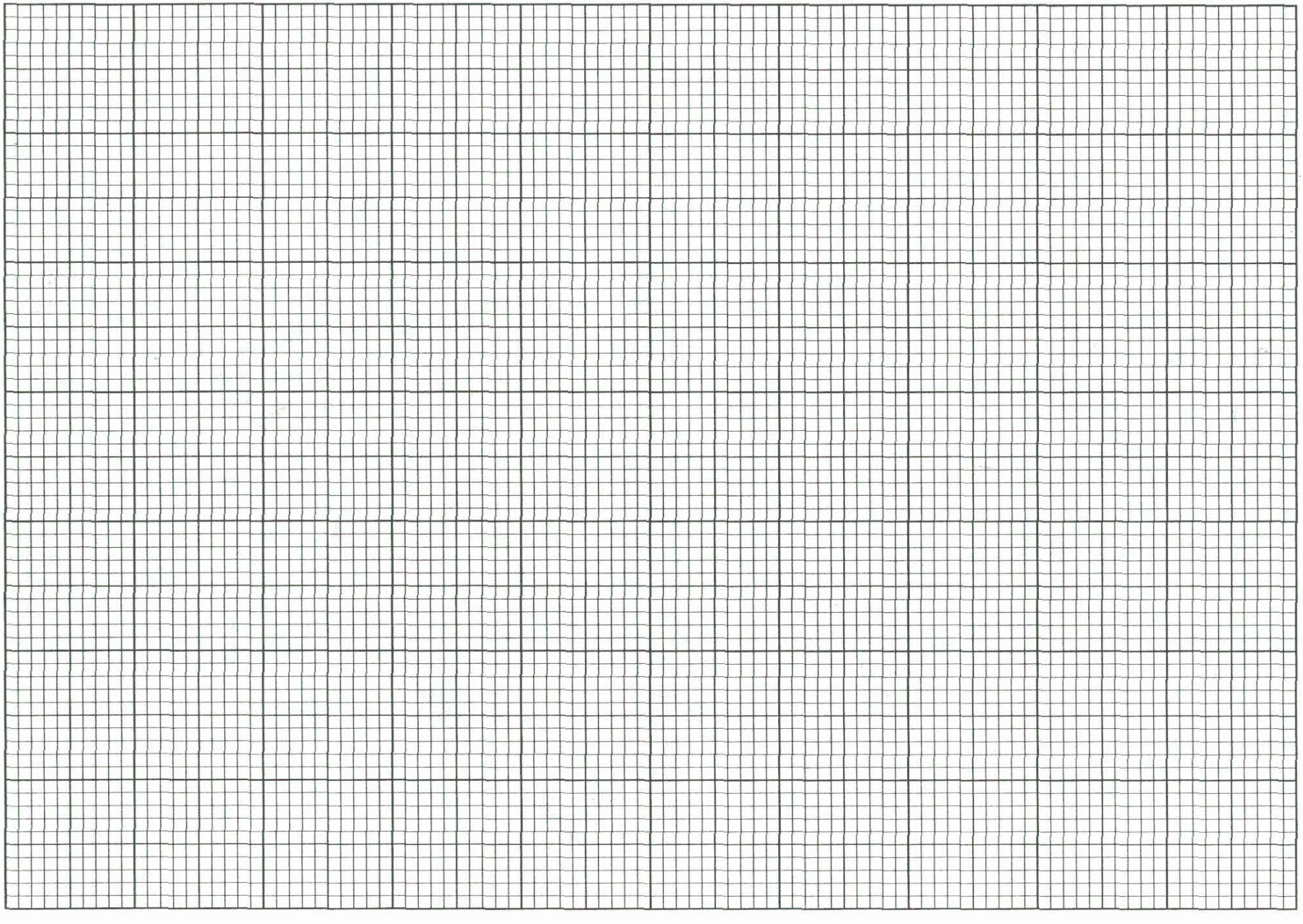

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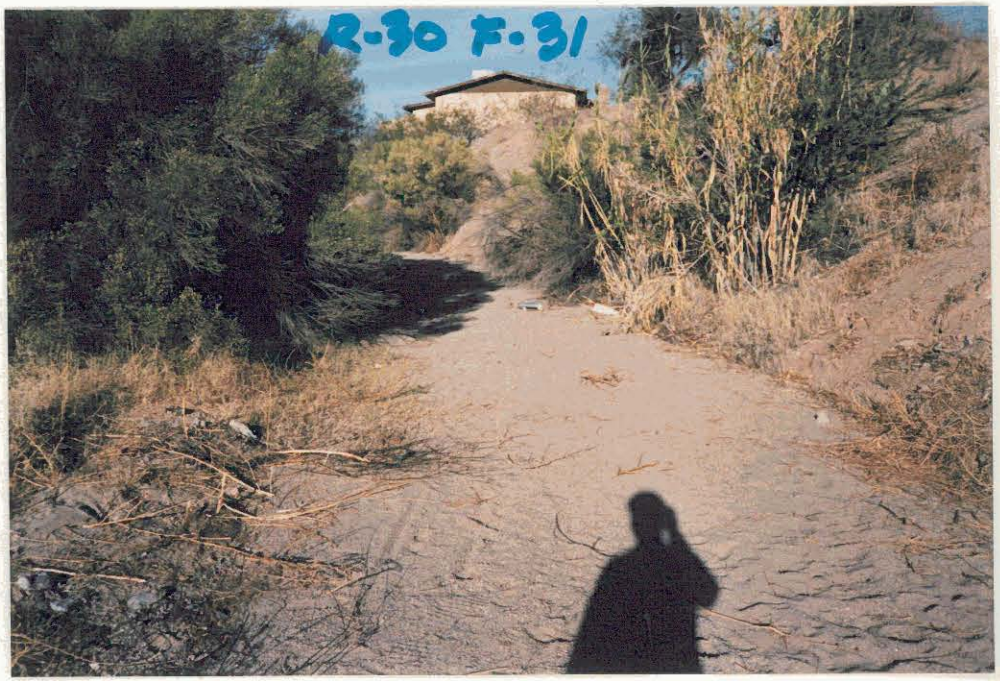
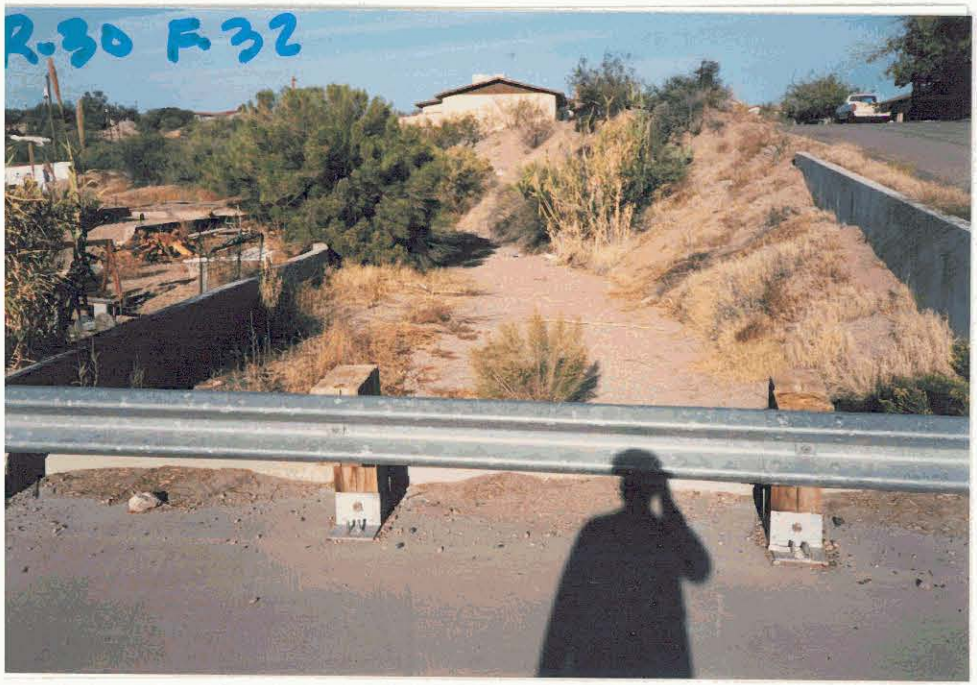
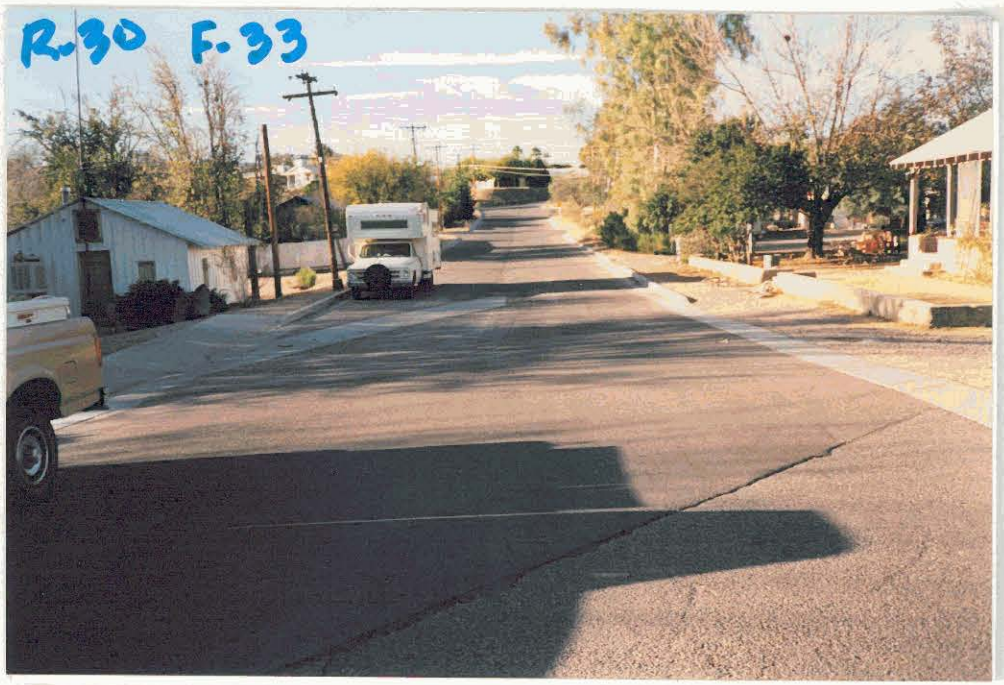
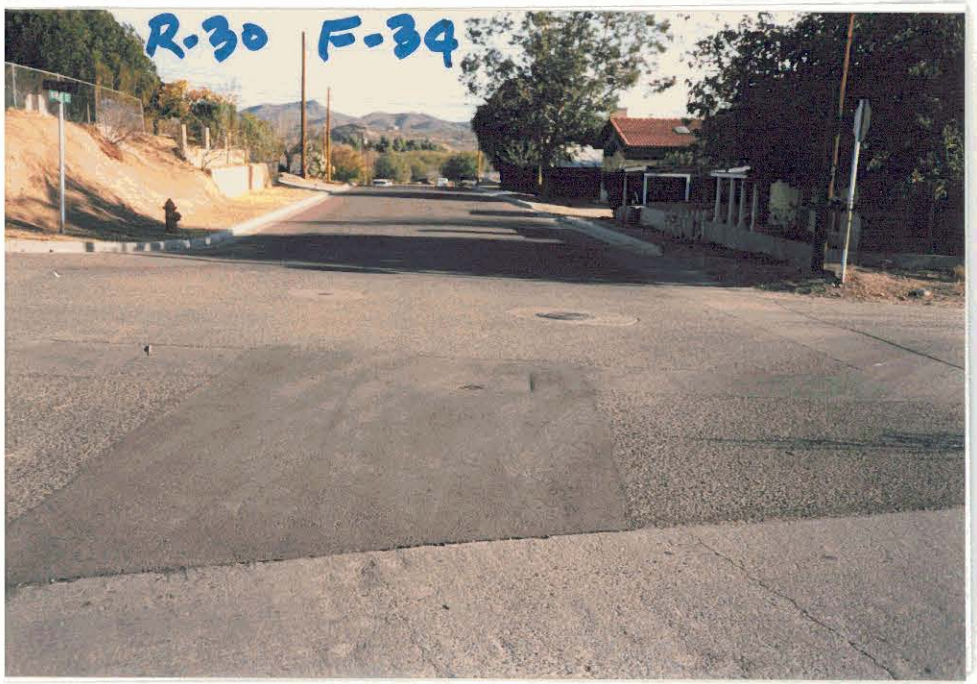
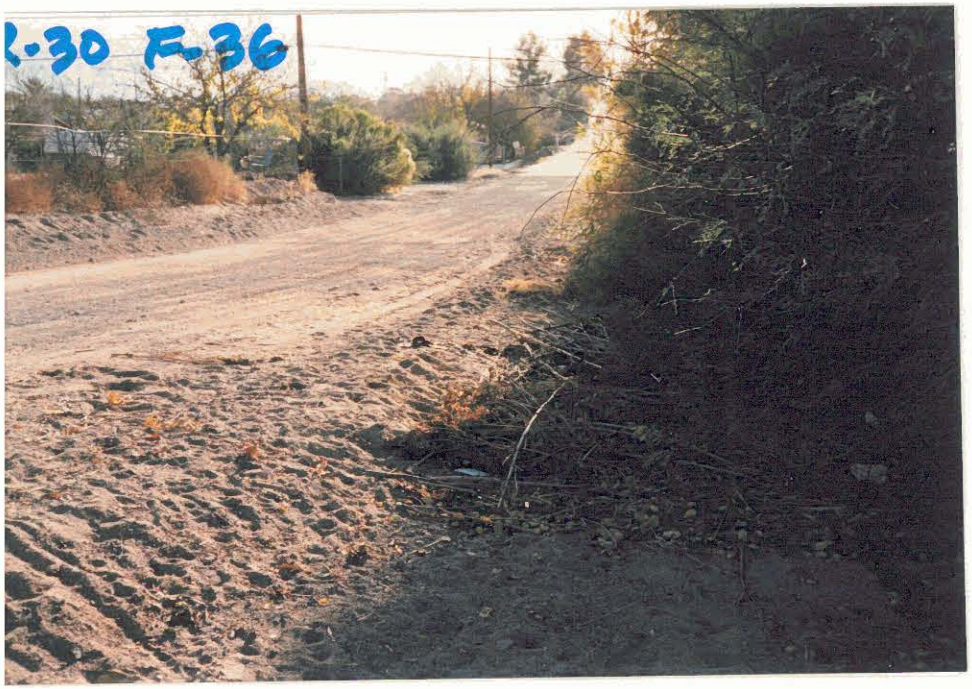







R-30 F-34

R-30 F-35


R-30 F-36

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-3

LOCATION/ADDRESS MARIPOSA ST., ±1200 FT. NORTH OF U.S. HWY. 60

NAME OF WASH AC

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT.	COUNTY
WOOD B.				
OTHER				

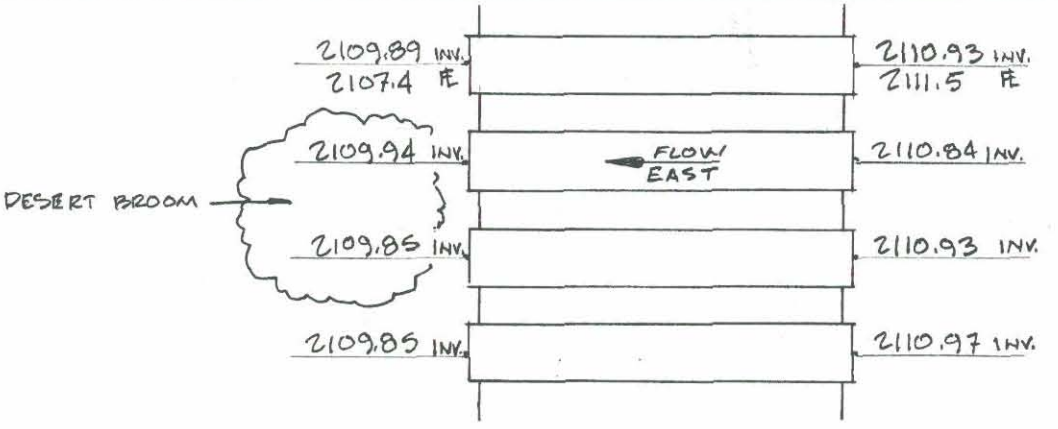
STRUC. COND.: GOOD ■, FAIR □, POOR □

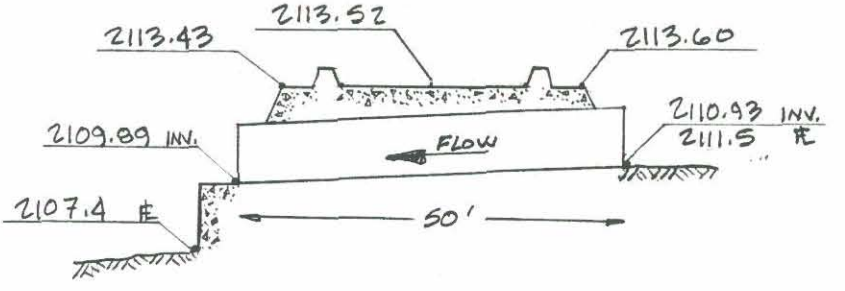
HEADWALLS : YES ■, NO □, COND. GOOD

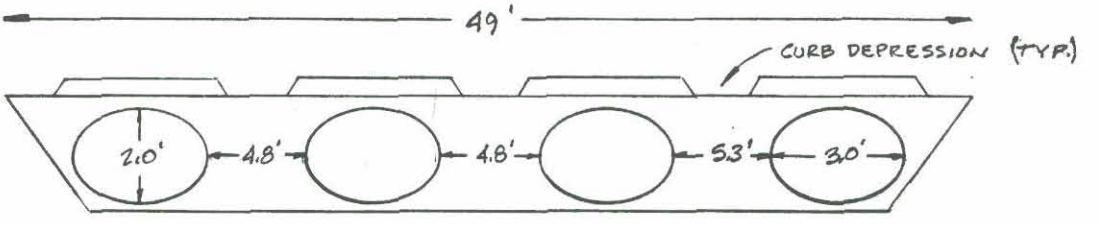
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 2.7 FT.

NO. OF SPANS OR BARRELS: 4







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	-	ELEVATION	BENCHMARK
TBM AC-3	4.22			2115.46
A		8.71	2110.97	
B		8.2	2111.5	
C		8.75	2110.93	
D		~~8.7~~		
E		8.84	2110.84	
F		~~8.3~~		
G		8.75	2110.93	
H		~~8.3~~		
I		6.08	2113.60	
J		6.25	2113.43	
K		9.83	2109.85	
L		9.83	2109.85	
M		9.74	2109.94	
N		9.79	2109.89	
O		11.3	2107.4	
T.P.		6.22		
~~T~~	5.80			
TBM AC-3		3.80	2115.46	2115.46

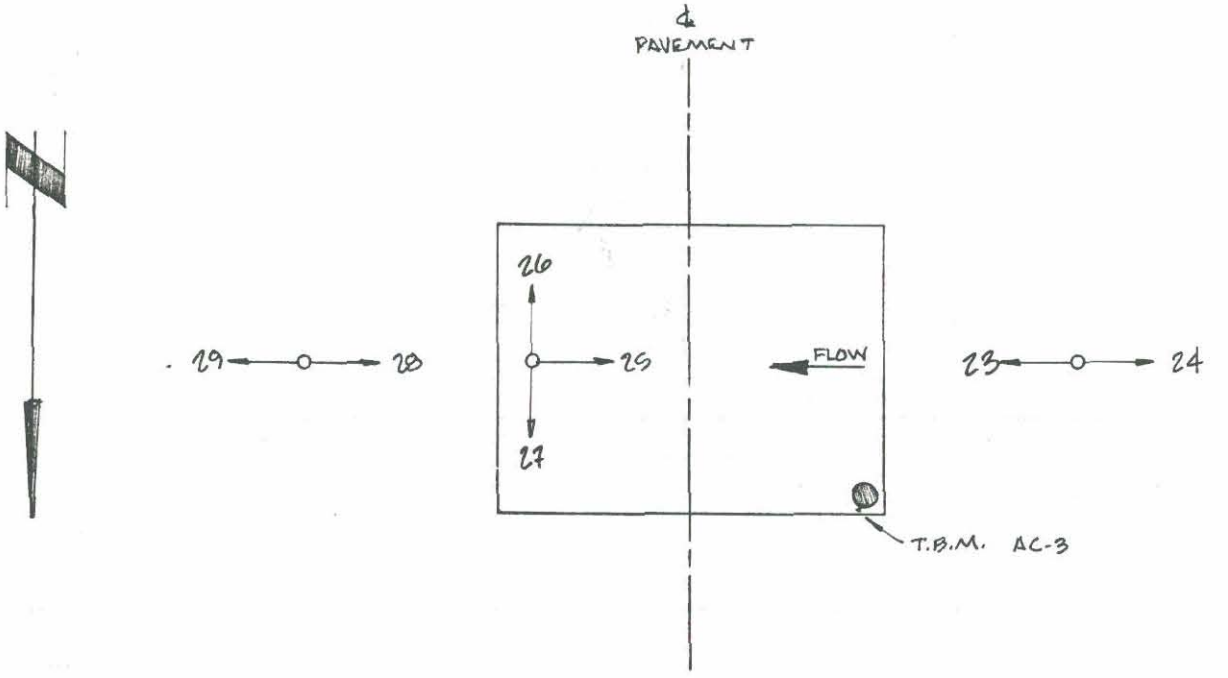
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-3

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 30



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.

T.B.M. AC-3 IS A 40d NAIL, APPROX. 1.0 FT. ABOVE PAVEMENT, LOCATED IN N.E. FACE OF POWER POLE AT N.W. COR. OF STRUCTURE.

SEC. 11, T.7N., R.5W.

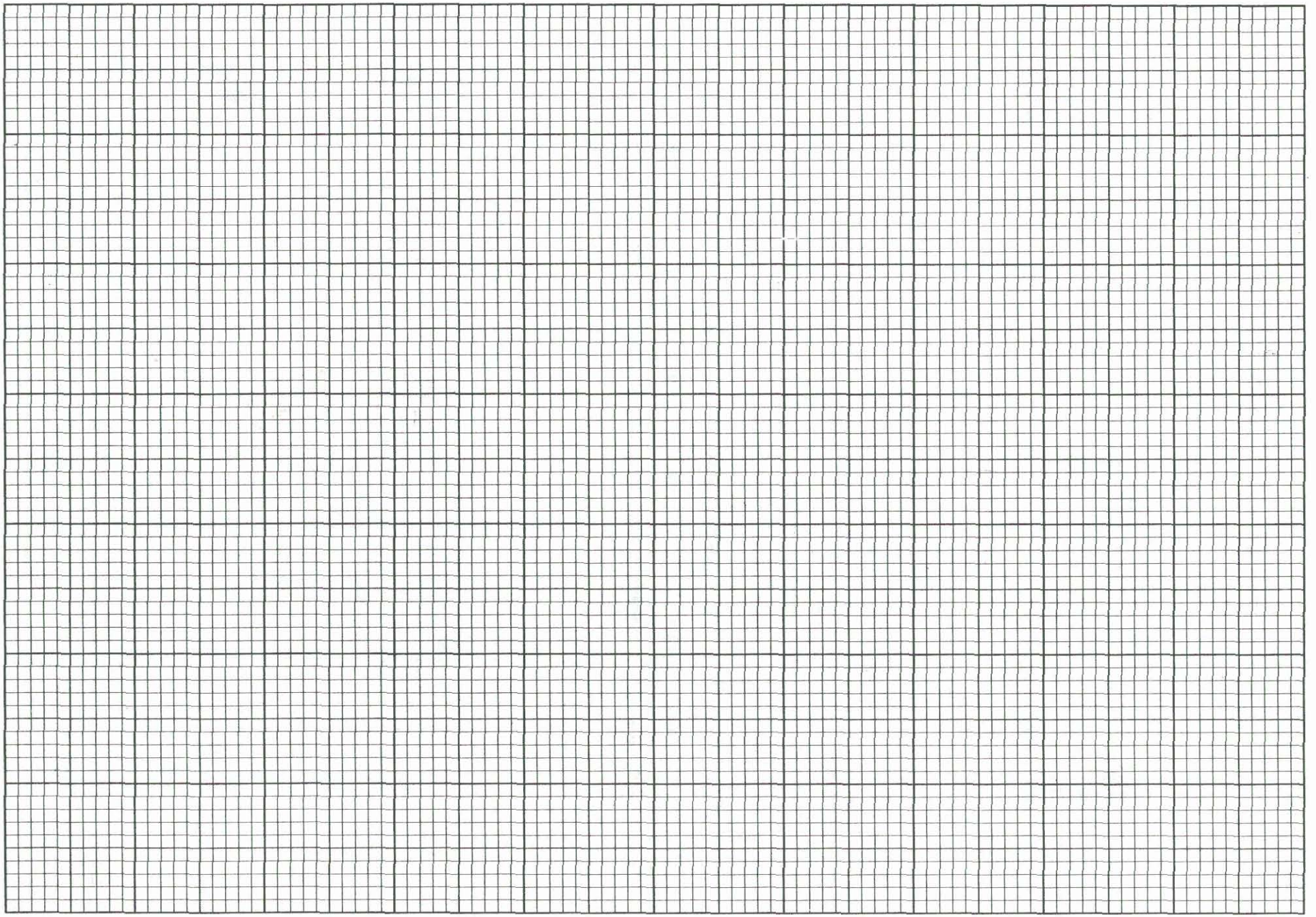
LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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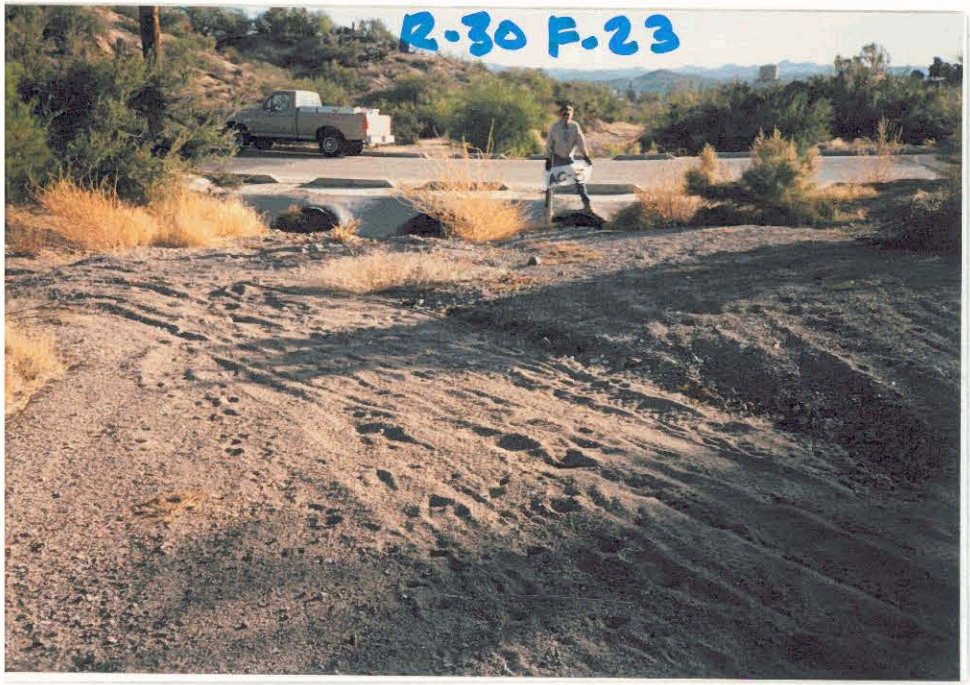
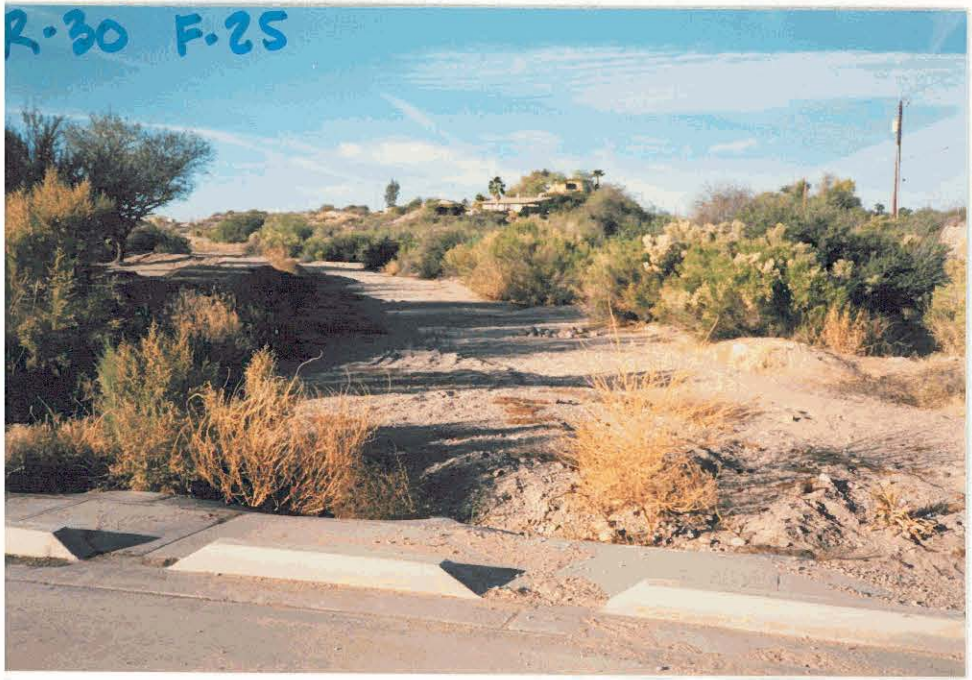
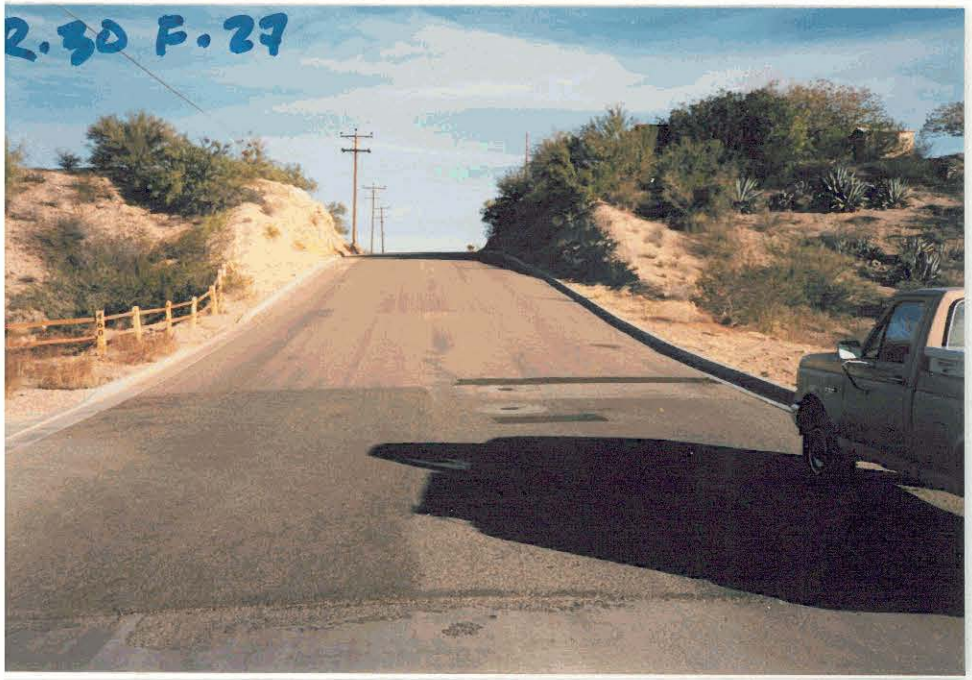
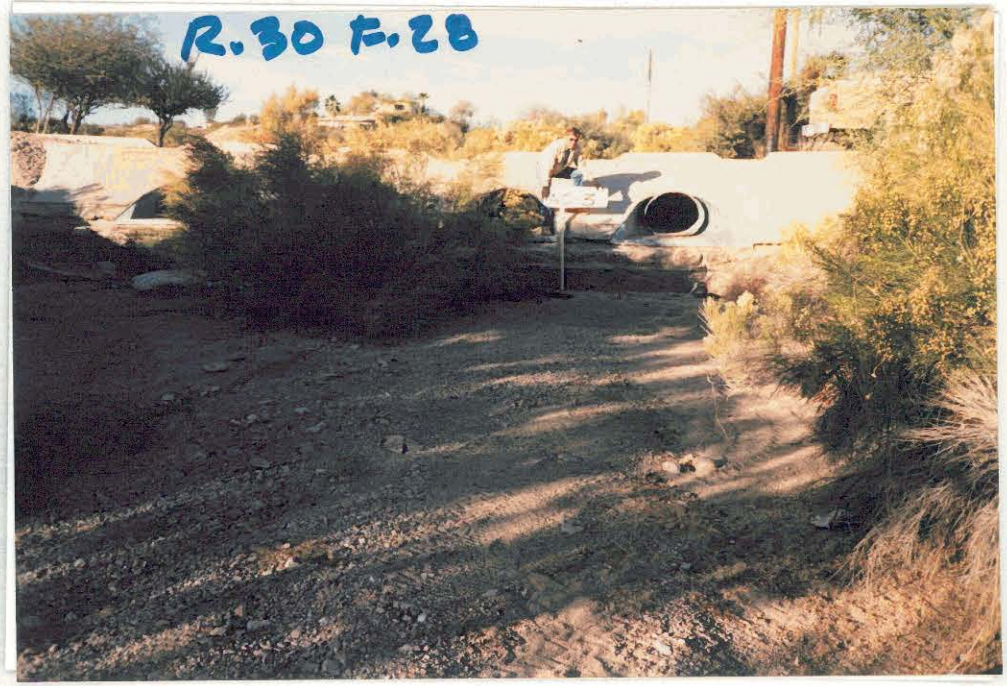
STOCK# PPV840-000






R.30 F.27


R.30 F.28

R.30 F.29

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-4

LOCATION/ADDRESS U.S. HWY. 60, ± 100 FT. EAST OF YUCCA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		8.0 FT.	6.0 FT.	A.D.O.T.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

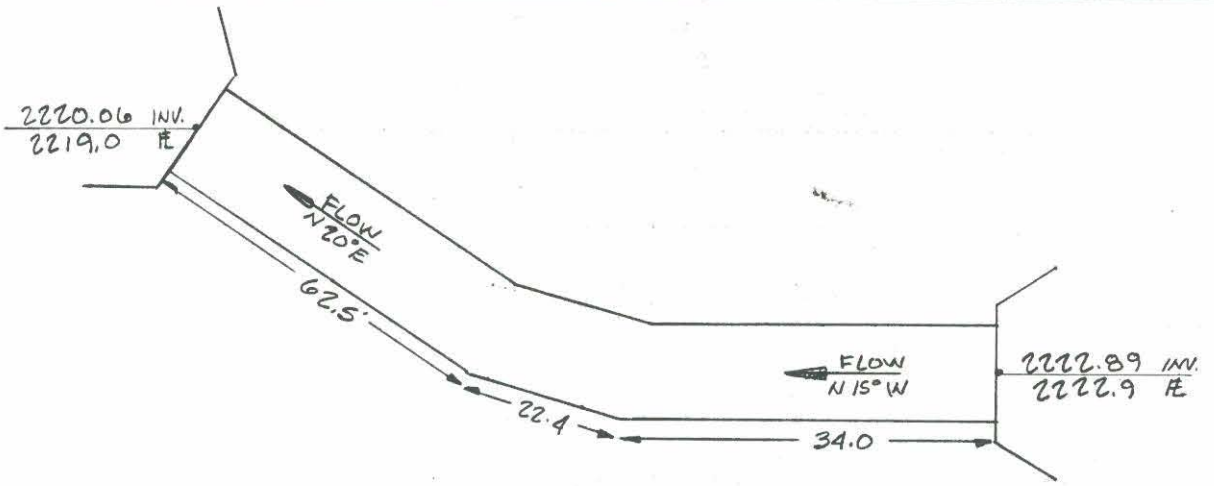
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

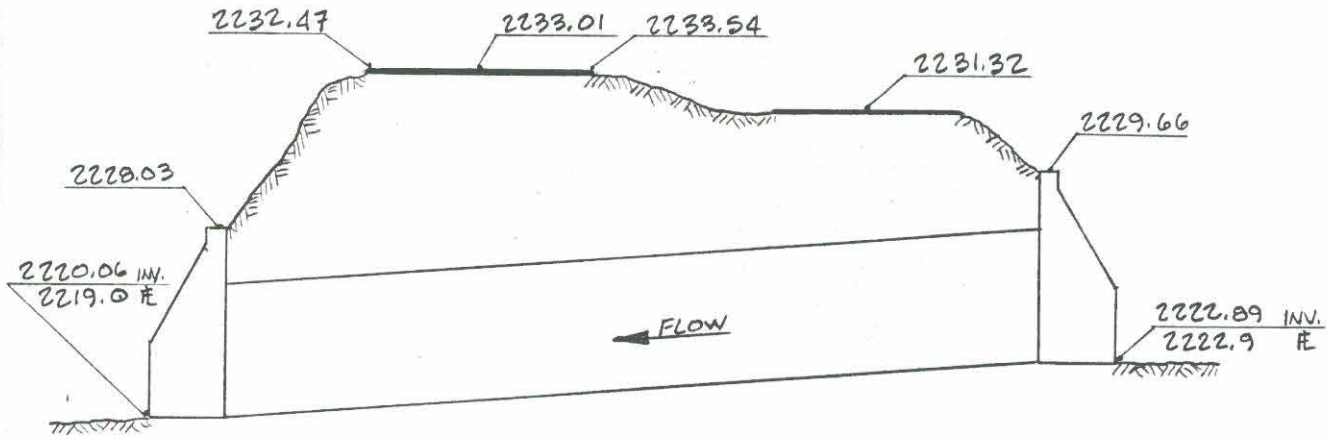
HEADWALLS : YES ■, NO ☐, COND. FAIR

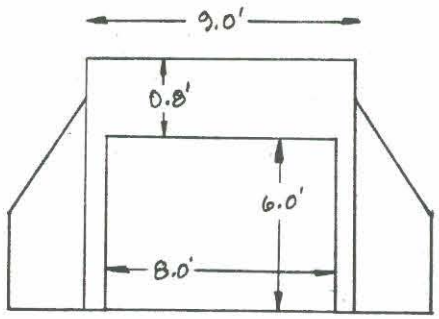
WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 10.6 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-d	6.59			2229.66
A		13.36	2222.89	
B		13.4	2222.9	
C		6.59	2229.66	
D		4.93	2231.32	
E		2.71	2233.54	
F		3.24	2233.01	
G		3.78	2232.47	
H		8.22	2228.03	
I		16.19	2220.06	
J		17.3	2219.0	
T.P.		6.70		
N	4.88			
TBM AC-d		4.76	2229.67	2229.66

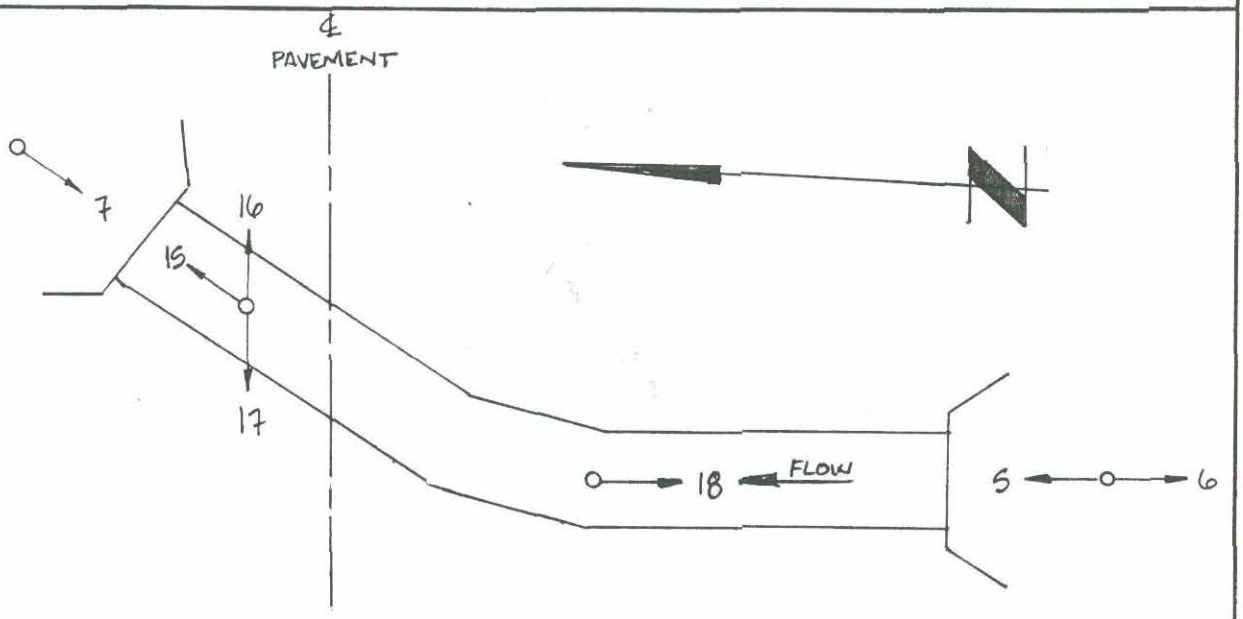
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

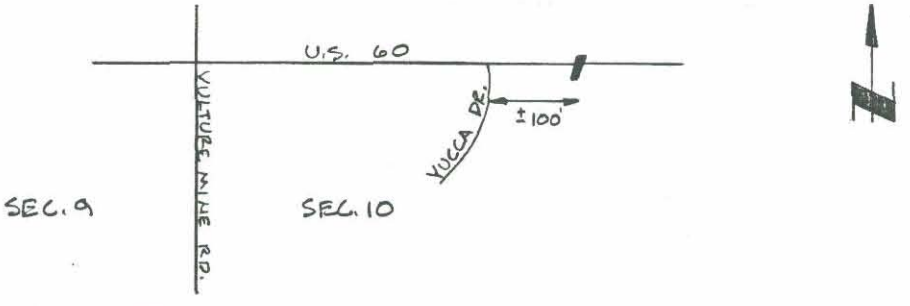
STRUC. NO. AC-4

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 29



SPECIAL NOTES:

T.B.M. AC-4 IS AN A.H.D. BRASS CAP MKD; "STA. 2927+57.1"
"EL. 2268.92"
" 1932"
LOCATED ON THE SOUTH HEADWALL OF STRUCTURE.



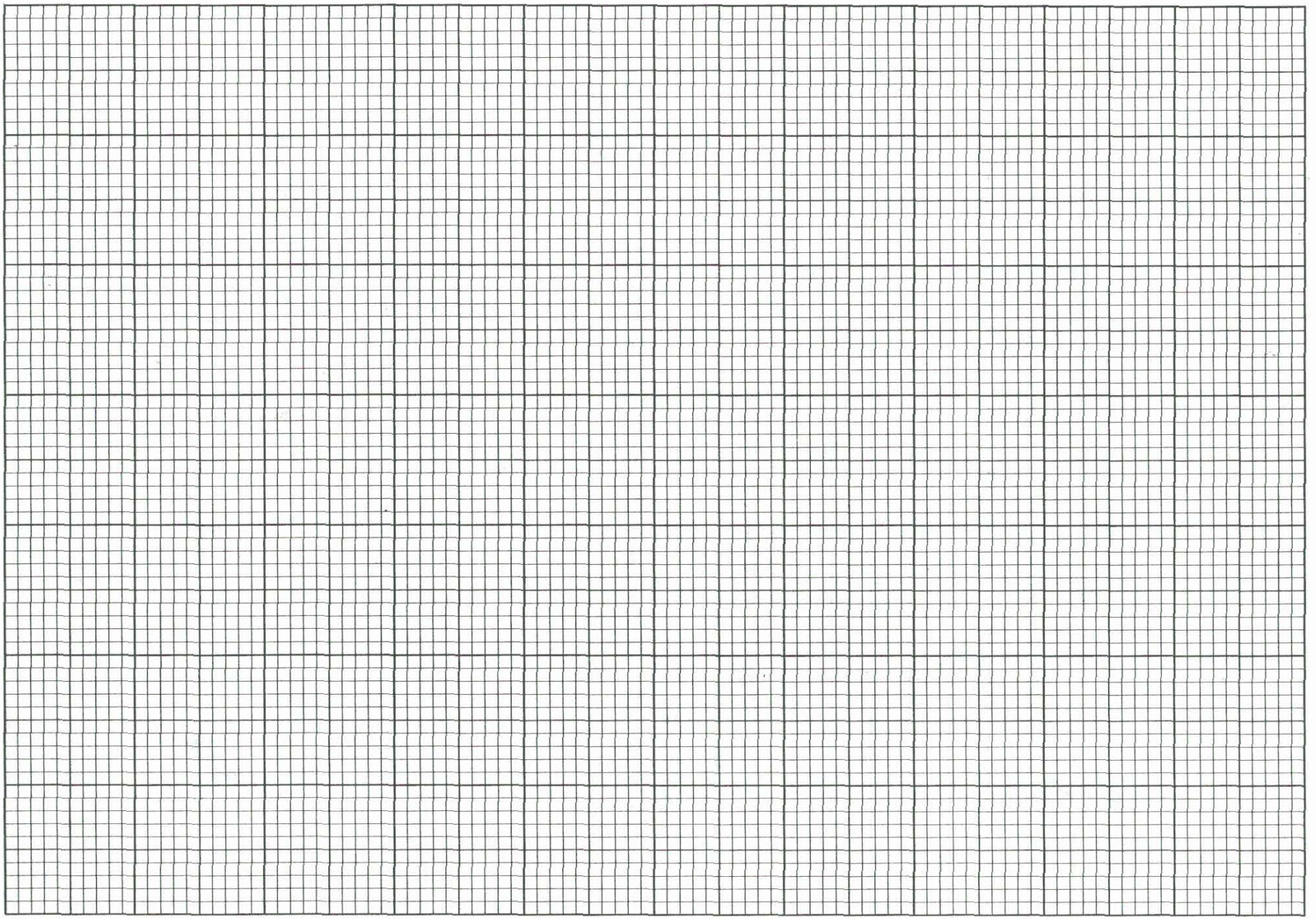
T.7N. R.5W.

LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780



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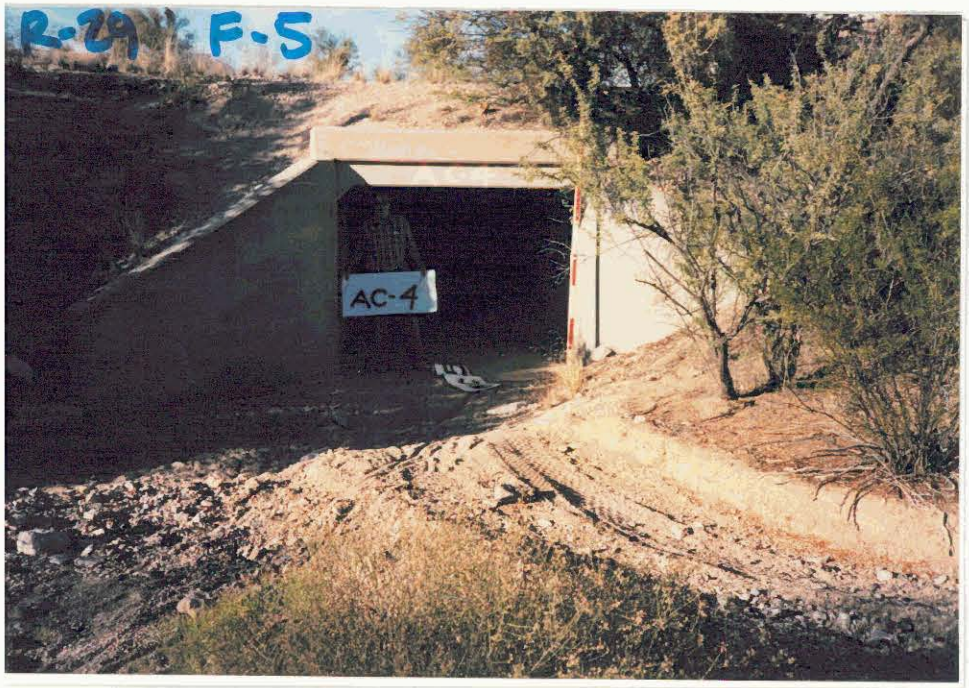
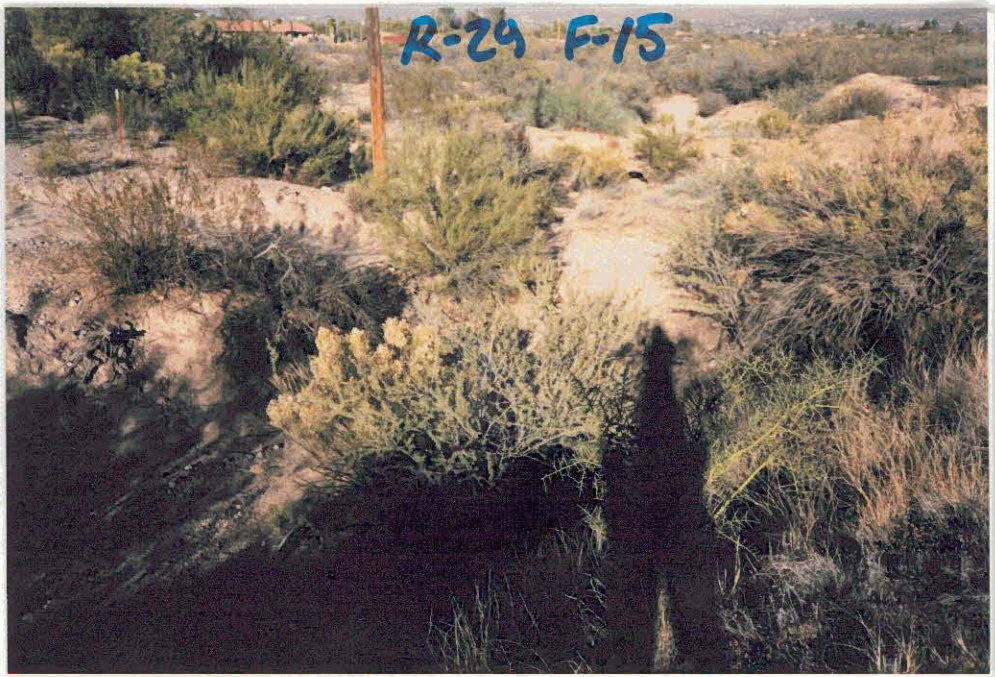
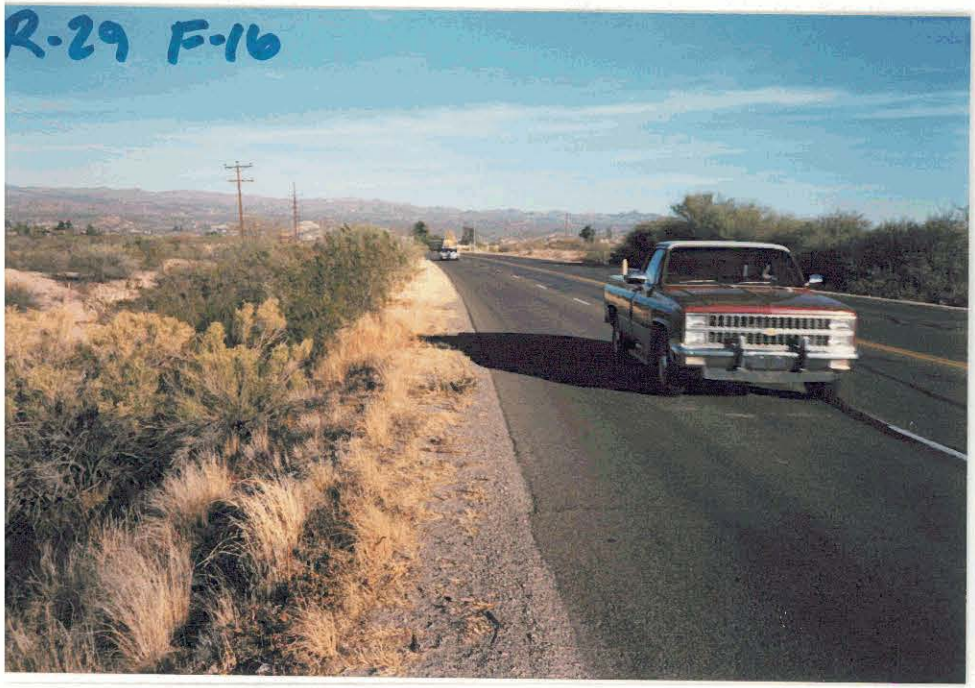
STOCK# PPV840-000

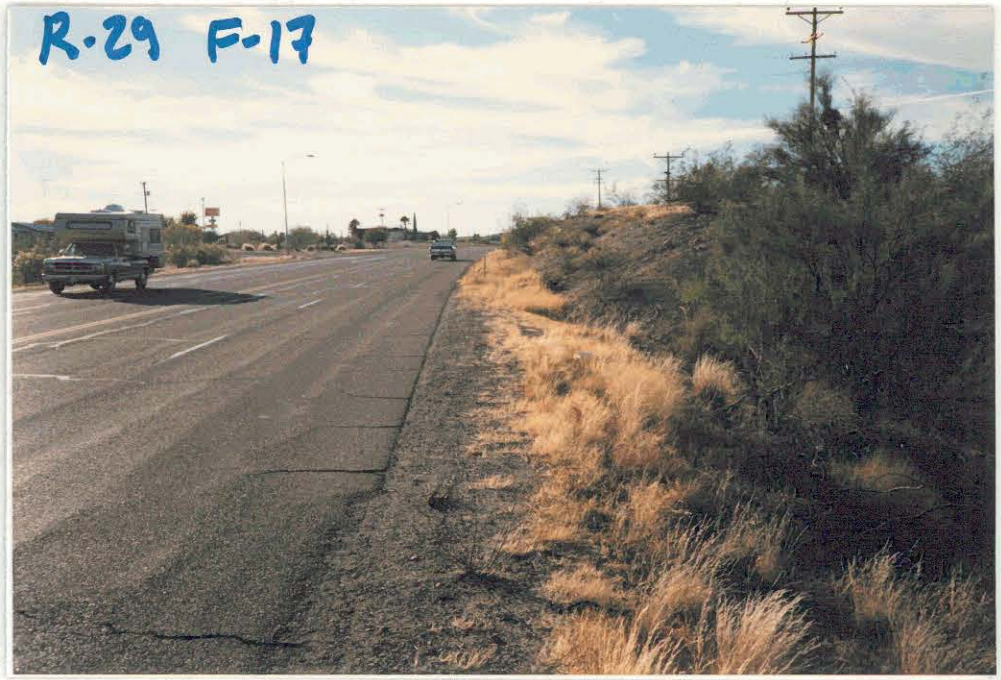




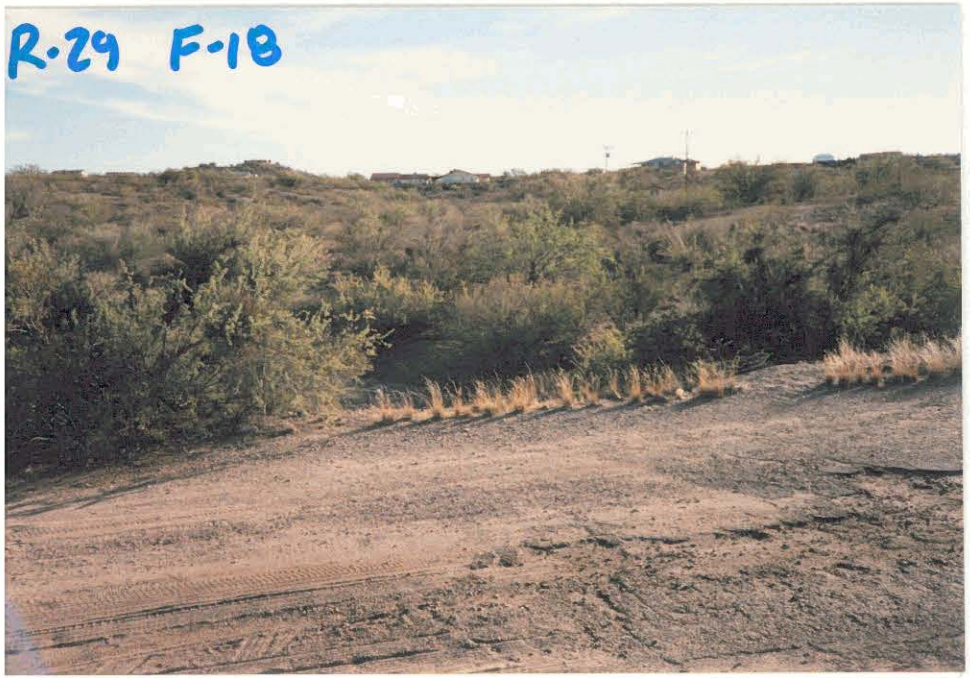
R-29 F-16



R-29 F-17



R-29 F-18



BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-5

LOCATION/ADDRESS ± 60 FT. NORTH OF U.S. HWY. 60, ± 150 FT. EAST OF YUCCA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		4.5 FT.	3.3 FT.	COUNTY
WOOD B.				
OTHER				

STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

HEADWALLS : YES ☐, NO ■, COND. ____

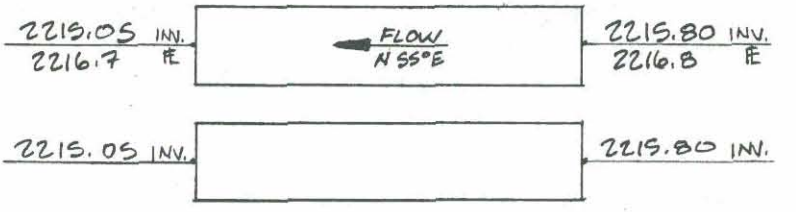
WINGWALLS : YES ☐, NO ■, COND. ____

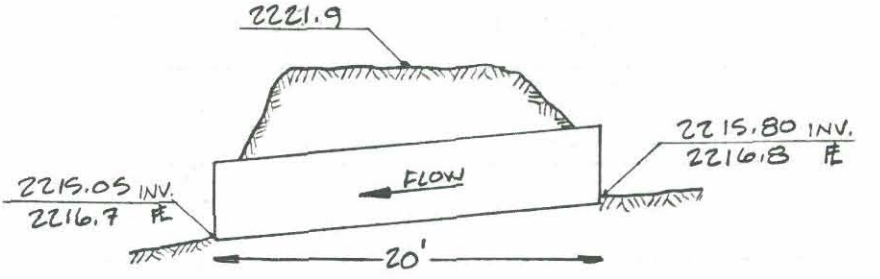
DEPTH OF AVAILABLE HEADWATER:

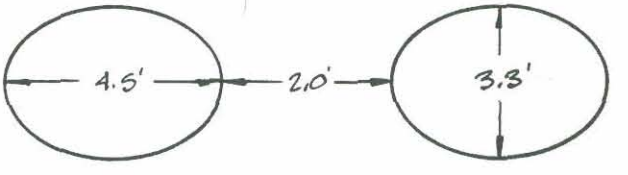
± 6.0 FT.

NO. OF SPANS OR BARRELS:

2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-4	6.59			2229.66
A		10.45	2215.80	
B		19.4	2216.8	
C		14.3	2221.9	
D		11.20	2215.05	
E		19.5	2216.7	
T.P.		6.70		
Σ	4.88			
TBM AC-4		4.76	2229.67	2229.66

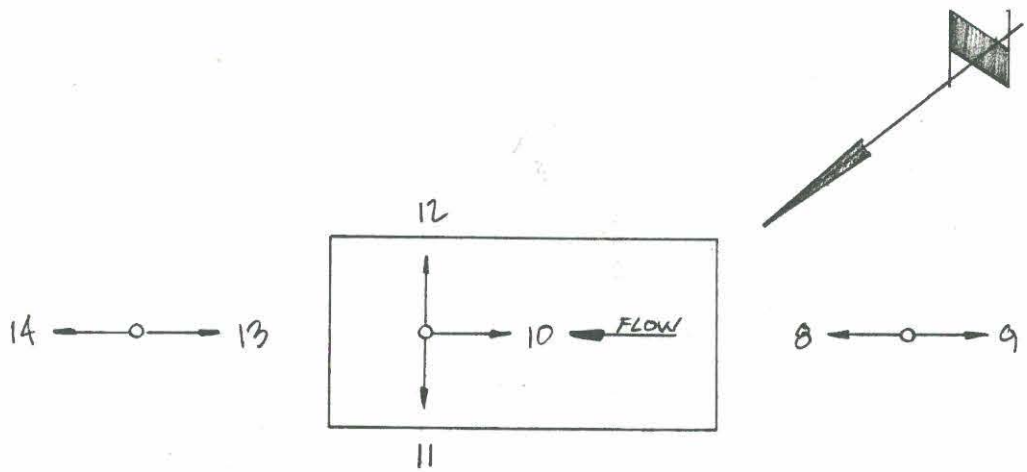
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

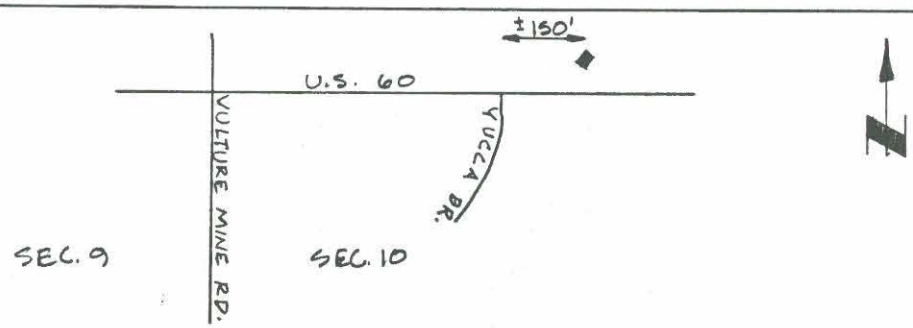
STRUC. NO. AC-5

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 29



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT BOTH ENDS OF STRUCTURE.

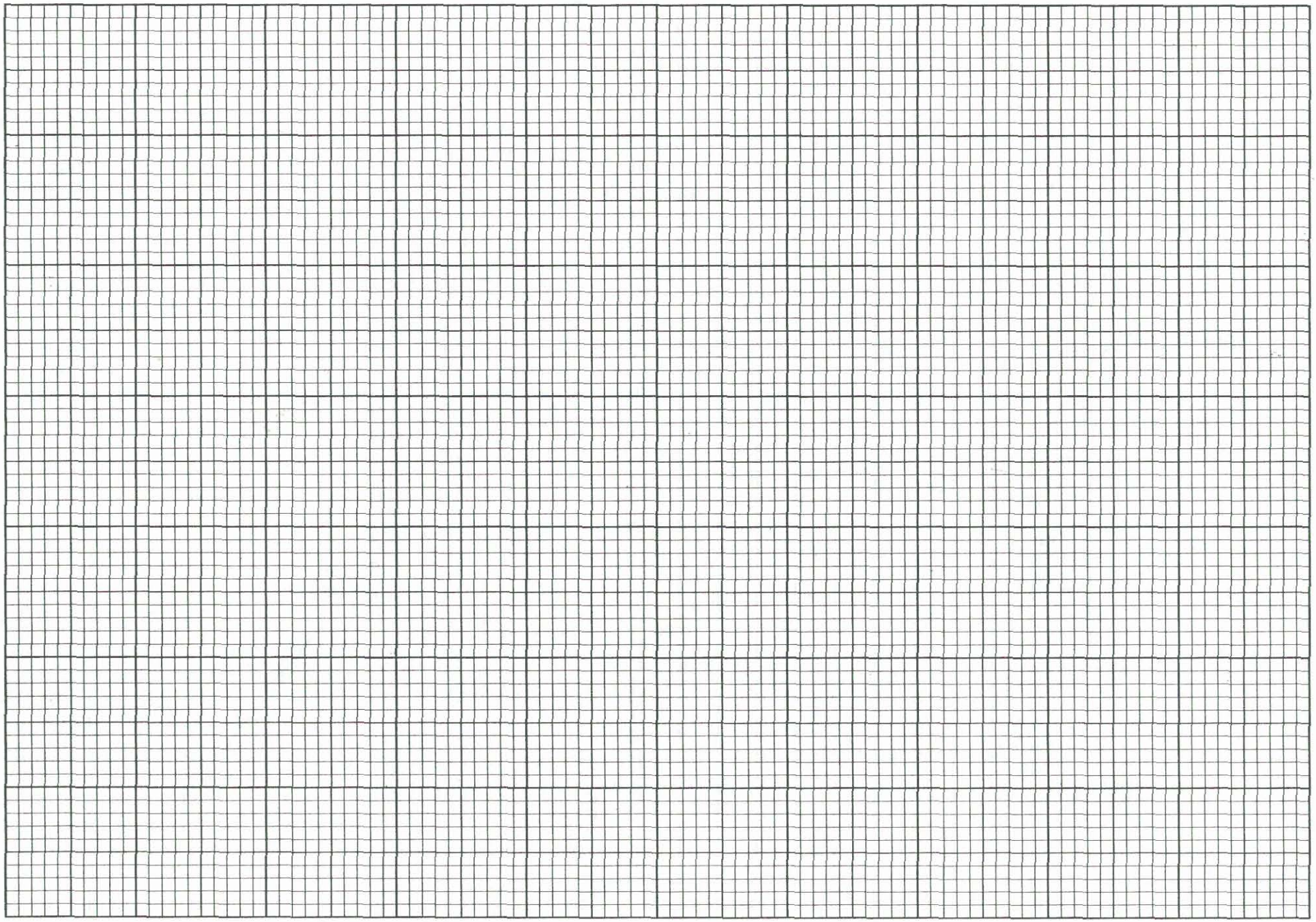


LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780



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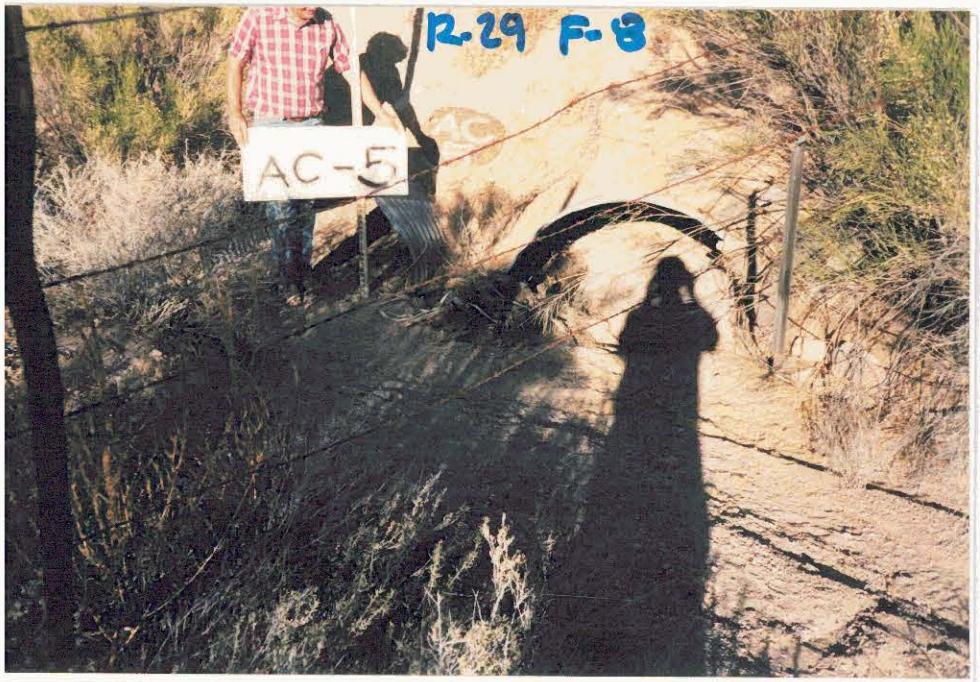
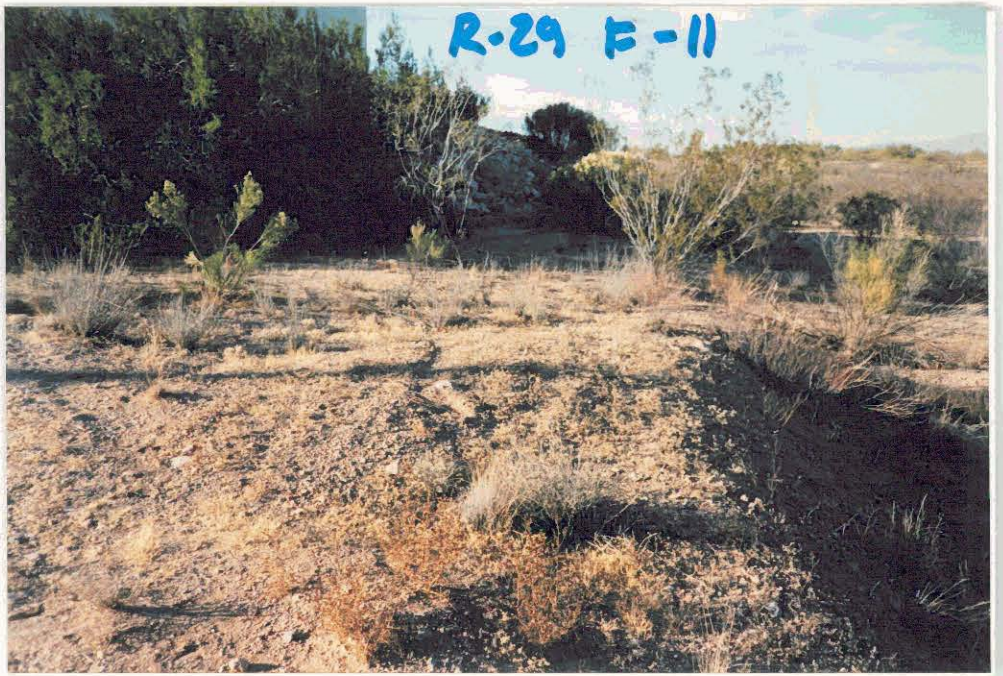
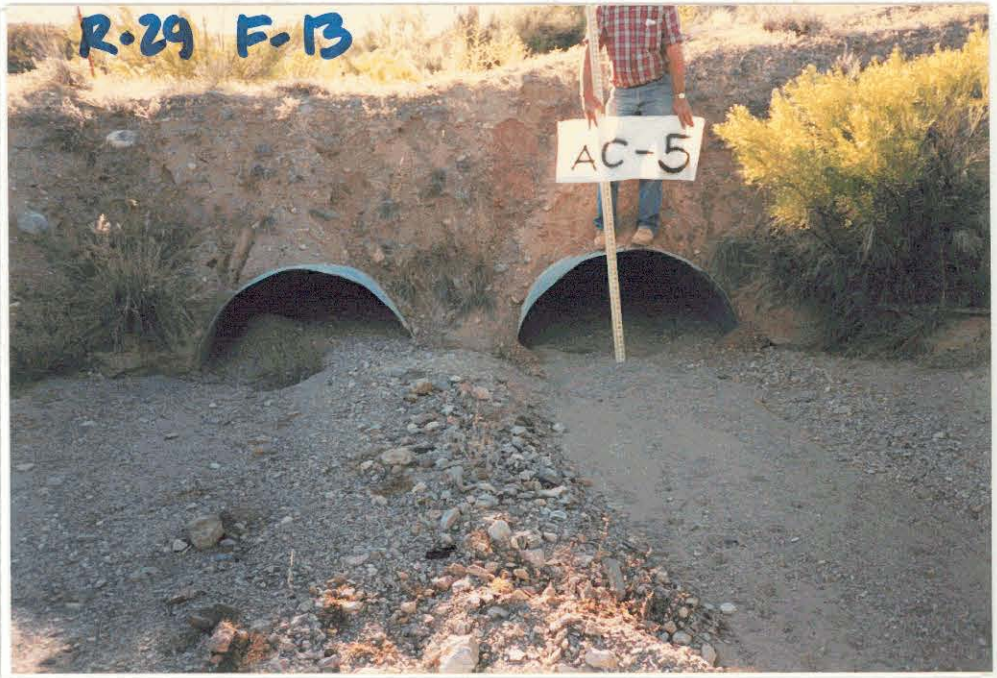




R-29 F-12


R-29 F-13
AC-5

R-29 F-14

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-6

LOCATION/ADDRESS YUCCA ST., ± 50 FT. SOUTH OF PALO VERDE ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT.	C.O.W.
WOOD B.				
OTHER				

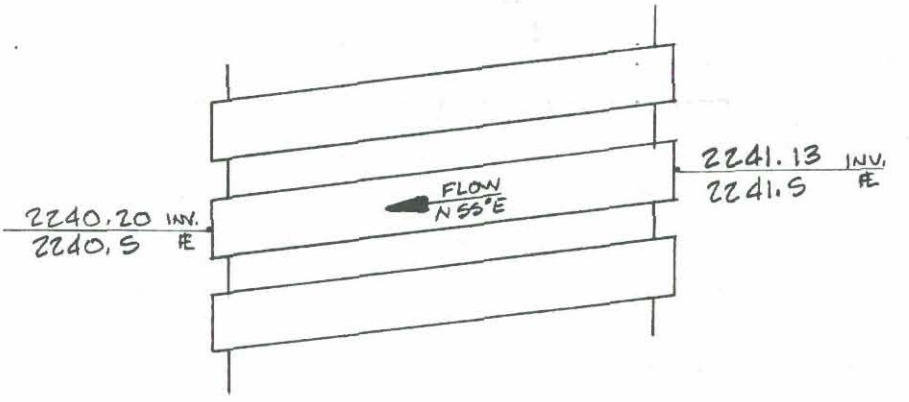
STRUC. COND.: GOOD ■, FAIR □, POOR □

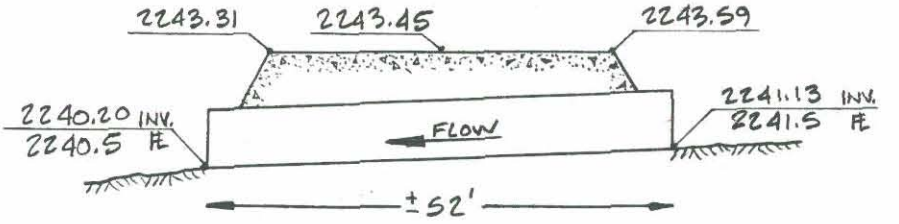
HEADWALLS : YES ■, NO □, COND. GOOD

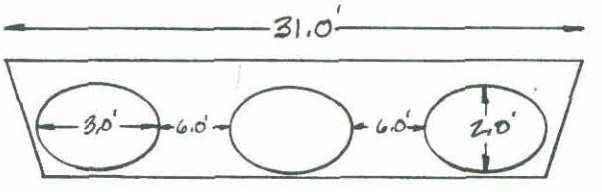
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 2.5 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-6	5.06			2244.54
A		3.47	2241.13	
B		3.1	2241.5	
C		6.01	2243.59	
D		6.29	2243.31	
E		9.40	2240.20	
F		9.1	2240.5	
T.P.		5.88		
T	6.10			
TBM AC-6		5.28	2244.54	2244.54

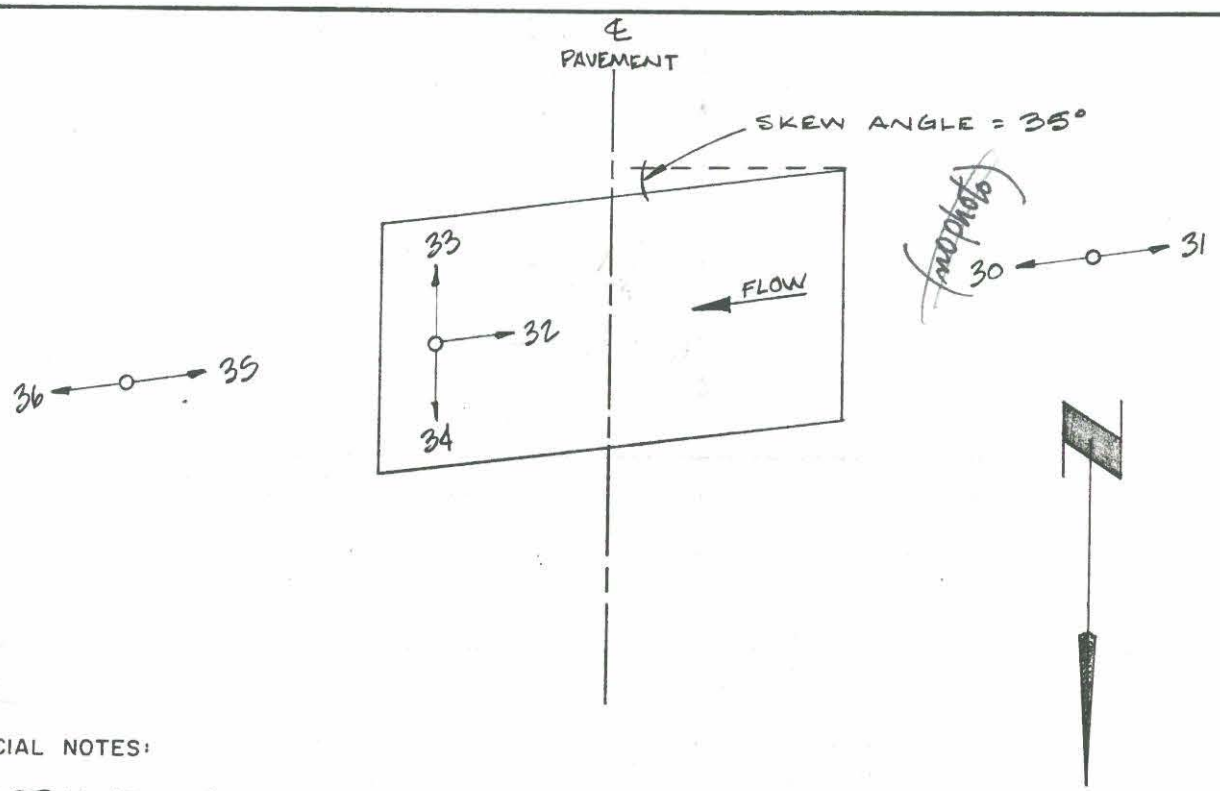
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

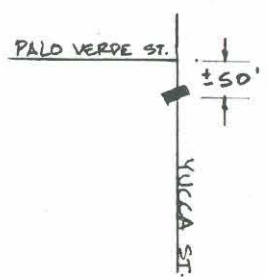
STRUC. NO. AC-6

DIRECTION OF PHOTO ⟶ 7 & FRAME NO. ROLL NO. 31



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.
T.B.M. AC-6 IS A CHISLED "+" IN CONC., LOCATED AT THE S.W. COR. OF STRUCTURE.



SEC. 10, T. 7N., R.5W.

LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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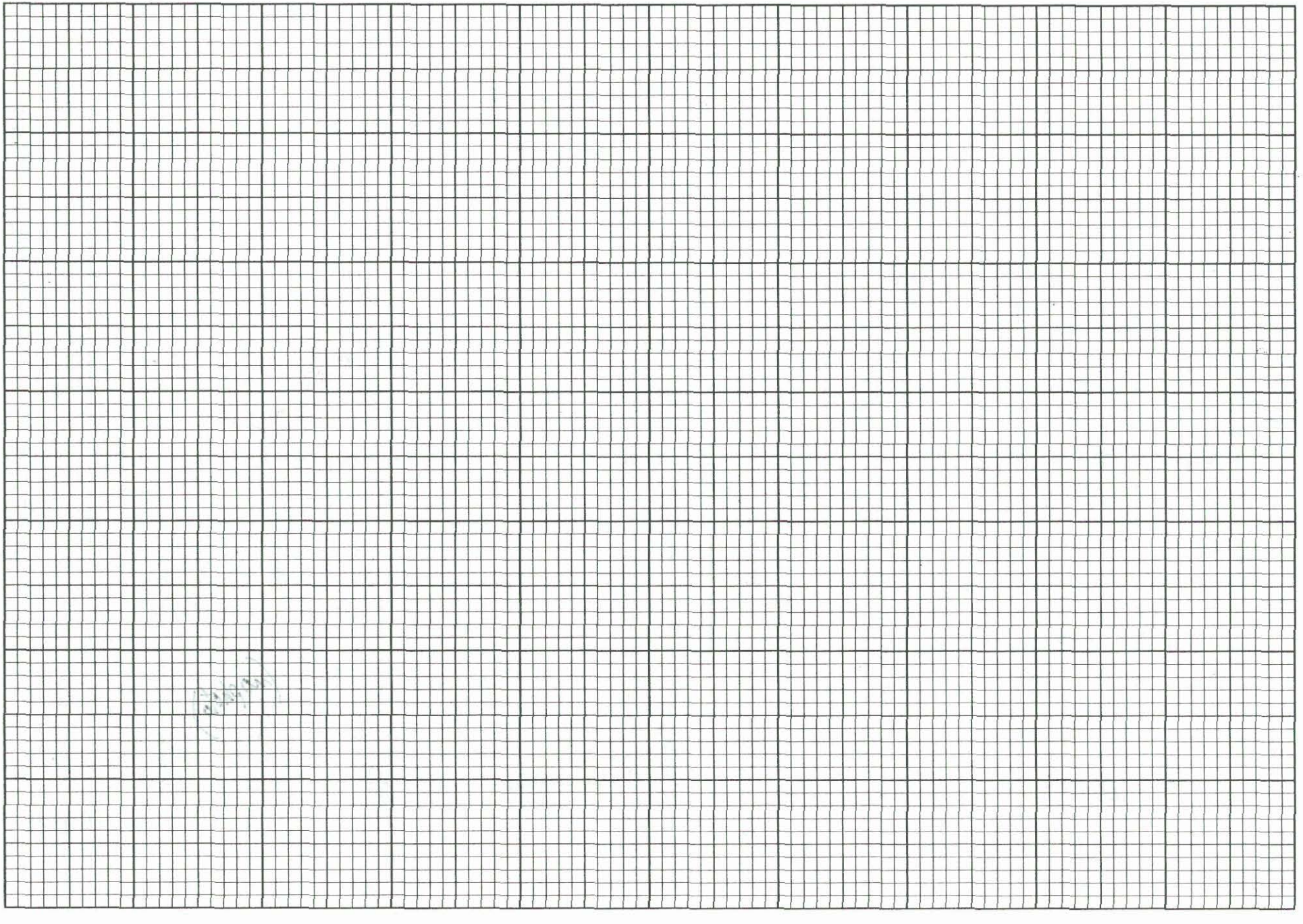

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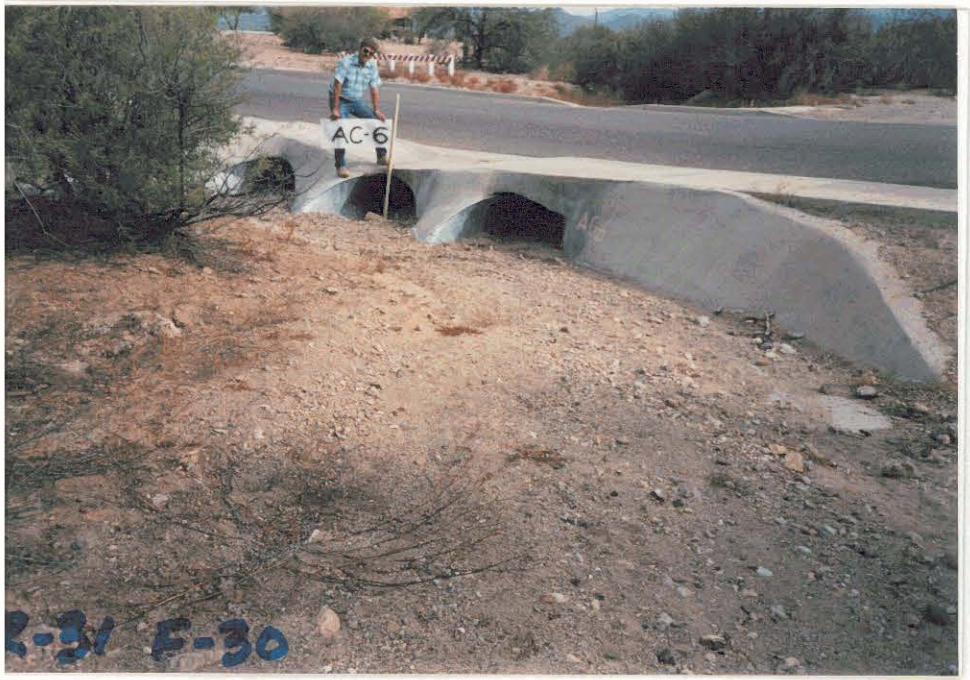
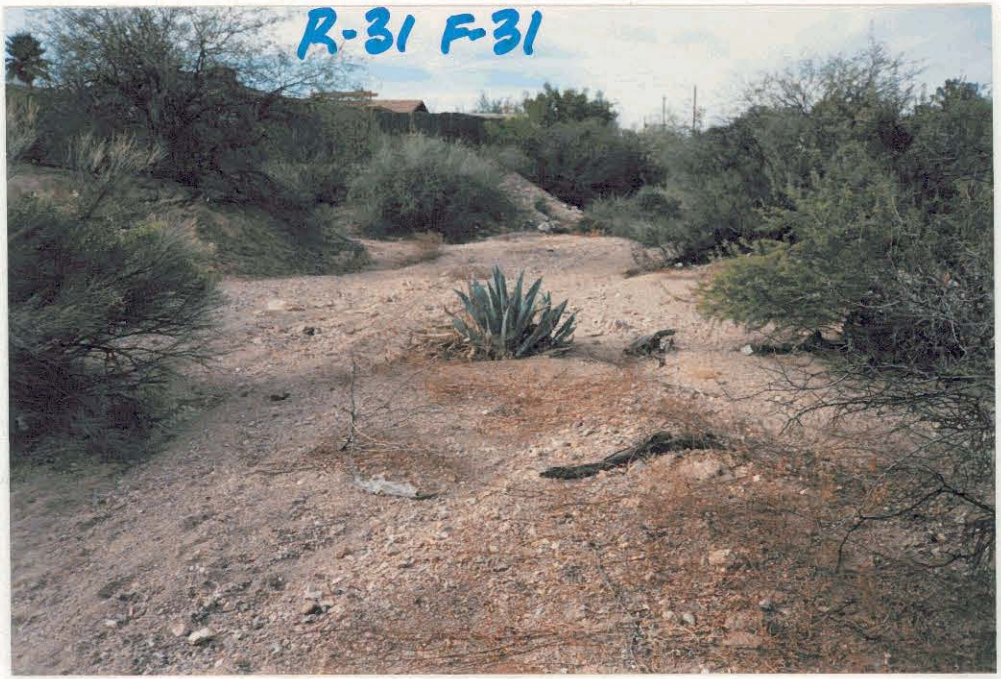
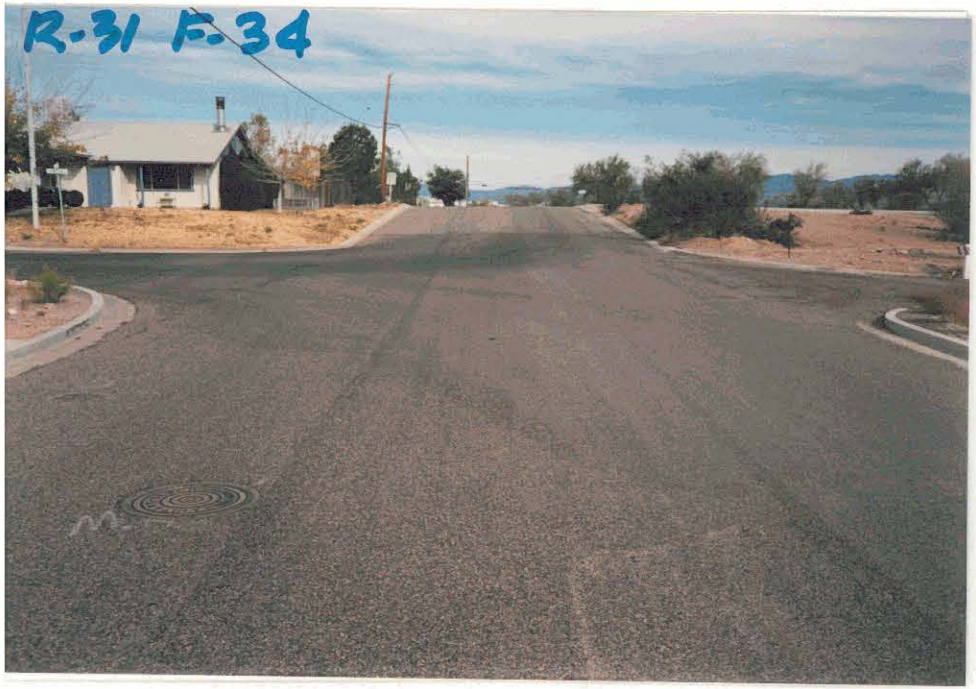
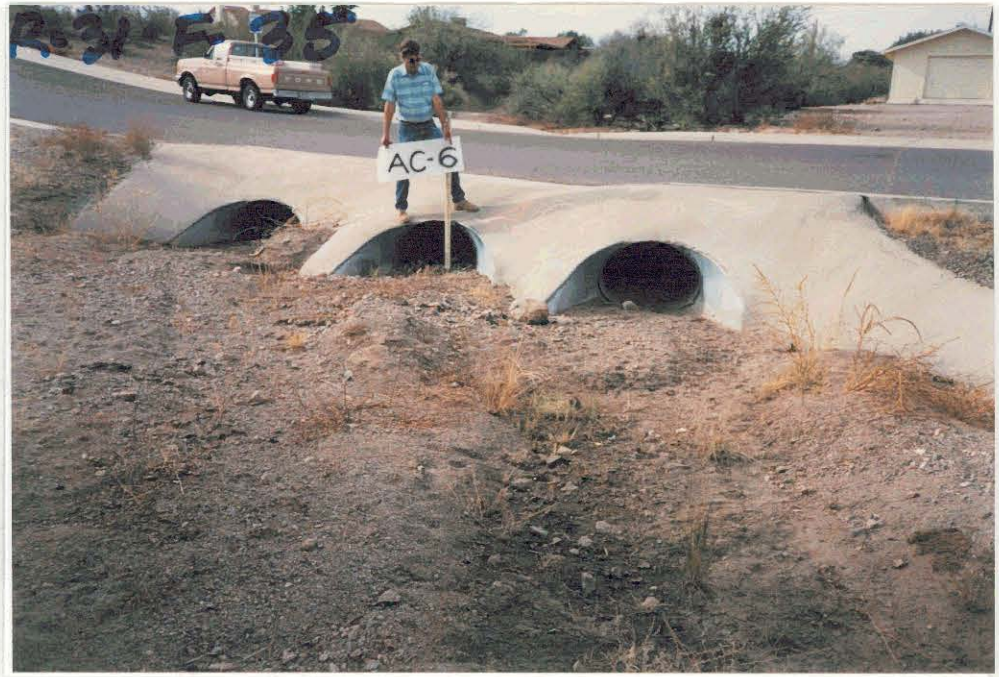
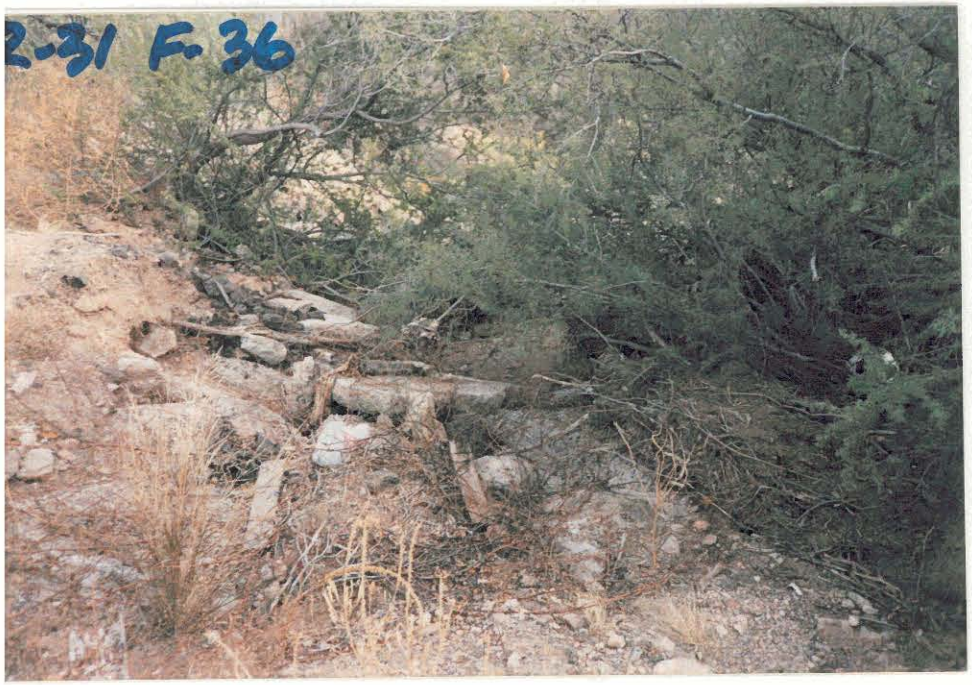
STOCK# PPV840-000






R-31 F-34


R-31 F-35
AC-6


R-31 F-36

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-7

LOCATION/ADDRESS YAQUI DR., ± 200 FT. SOUTH OF AGUILA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			C.O.W.
C.M.P				
WOOD B.				
OTHER				

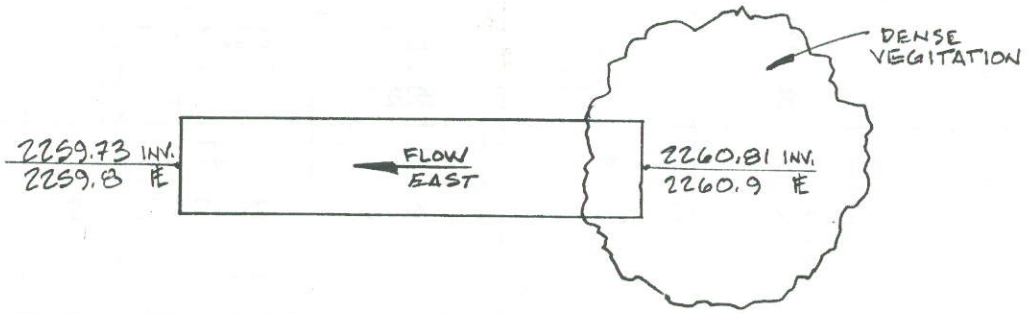
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

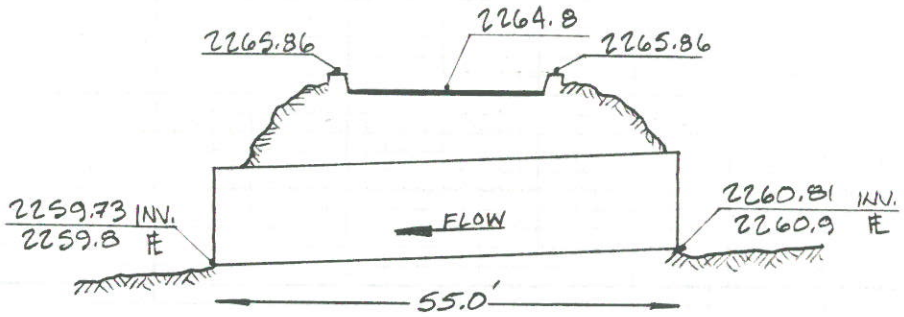
HEADWALLS : YES ☐, NO ■, COND. ____

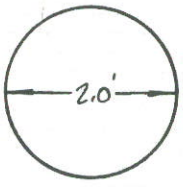
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 5 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-7	5.20			2265.86
A		10.25	2260.81	
B		10.2	2260.9	
C		5.20	2265.86	
D		11.33	2259.73	
E		11.3	2259.8	
T.P.		5.30		
T	6.11			
TBM AC-7		6.07	2265.85	2265.86

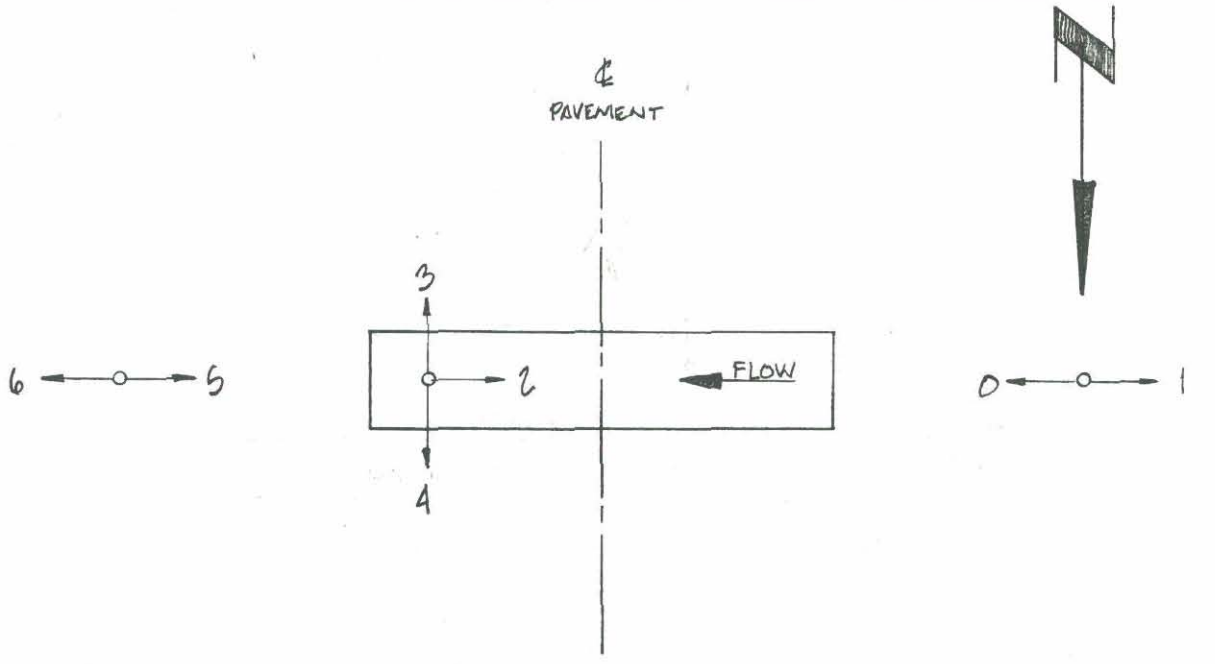
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-7

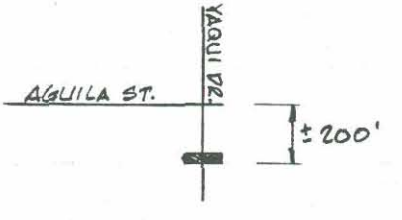
DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 32



SPECIAL NOTES:

DENSE VEGITATION AT UP-STREAM END OF STRUCTURE.

T.B.M. AC-7 IS A CHISLED "+" ON CONC. CURB AT ℄ OF STRUCTURE, EAST SIDE OF YAQUI DR..



SEC. 10, T.7N., R.5W.

LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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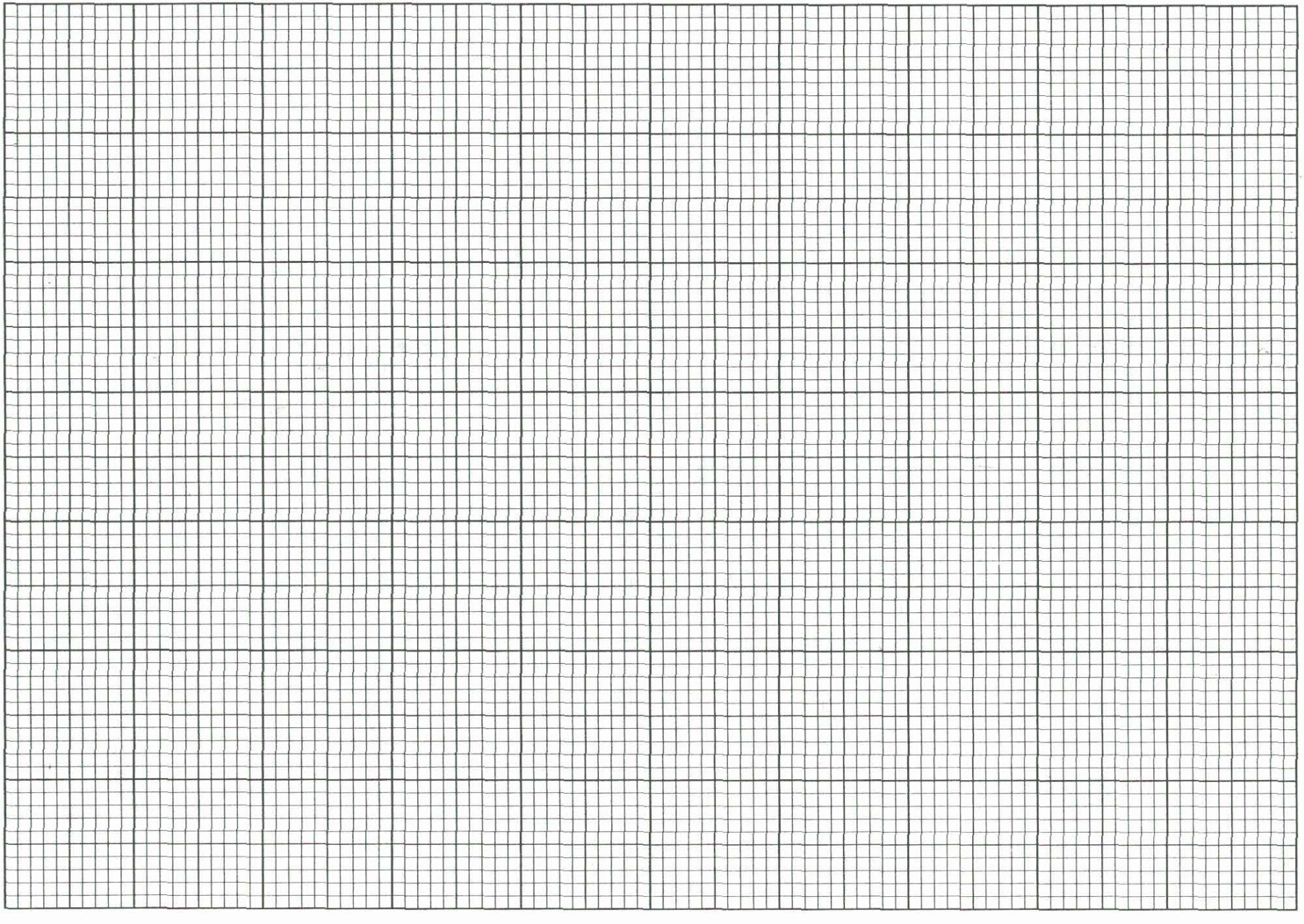

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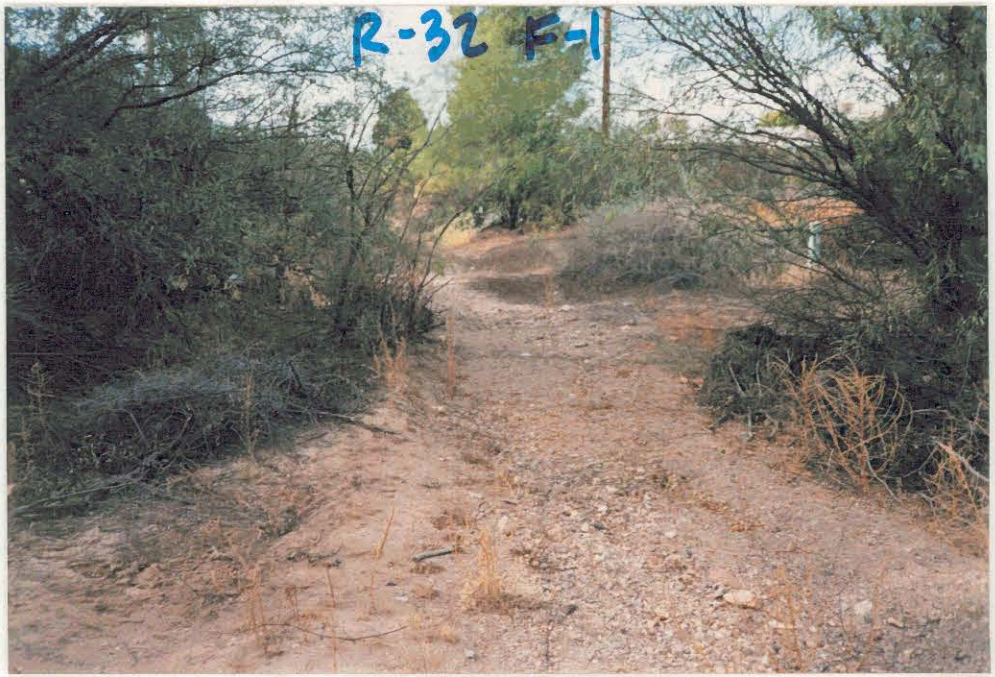
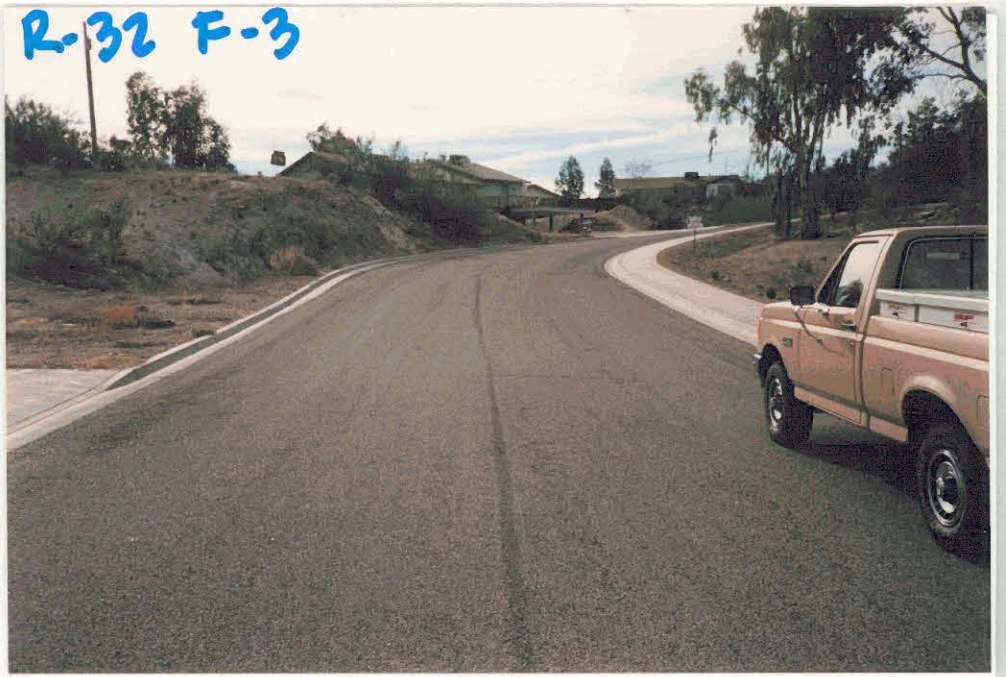
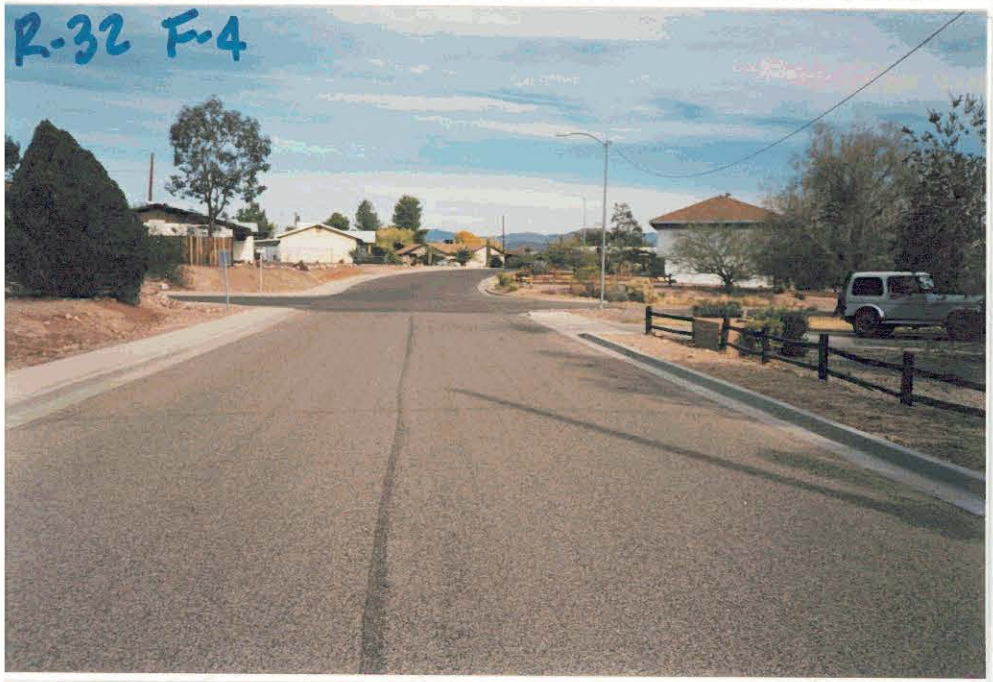
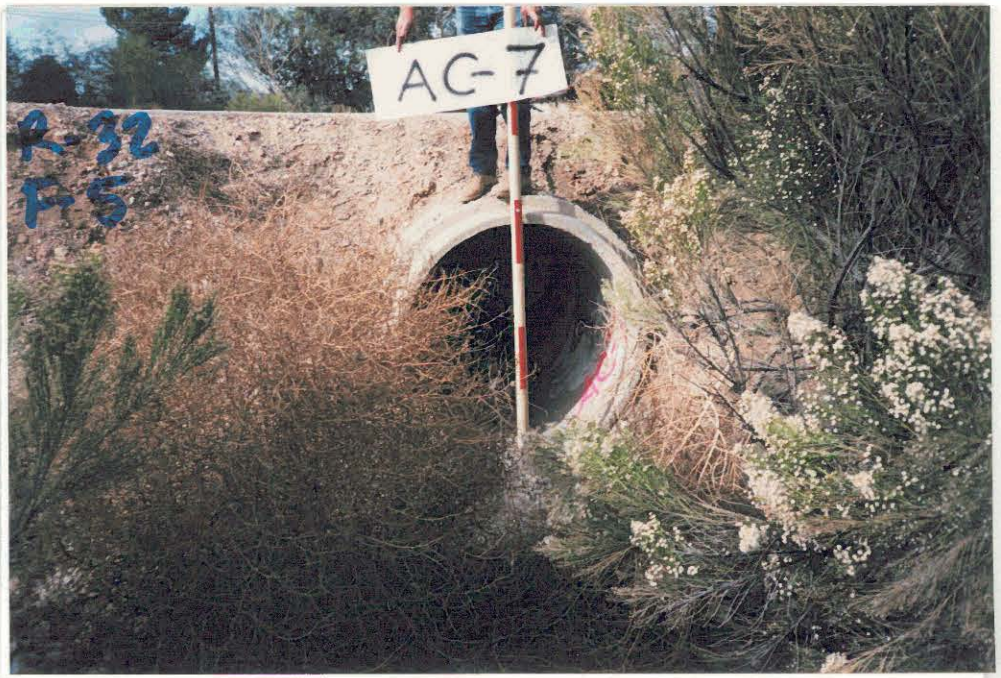





R-32 F-4


AC-7
R-32
F-5

R-32 F-6

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-8

LOCATION/ADDRESS VULTURE MINE RD., ± 150 FT. NORTH OF AIRCLETA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			COUNTY
C.M.P				
WOOD B.				
OTHER				

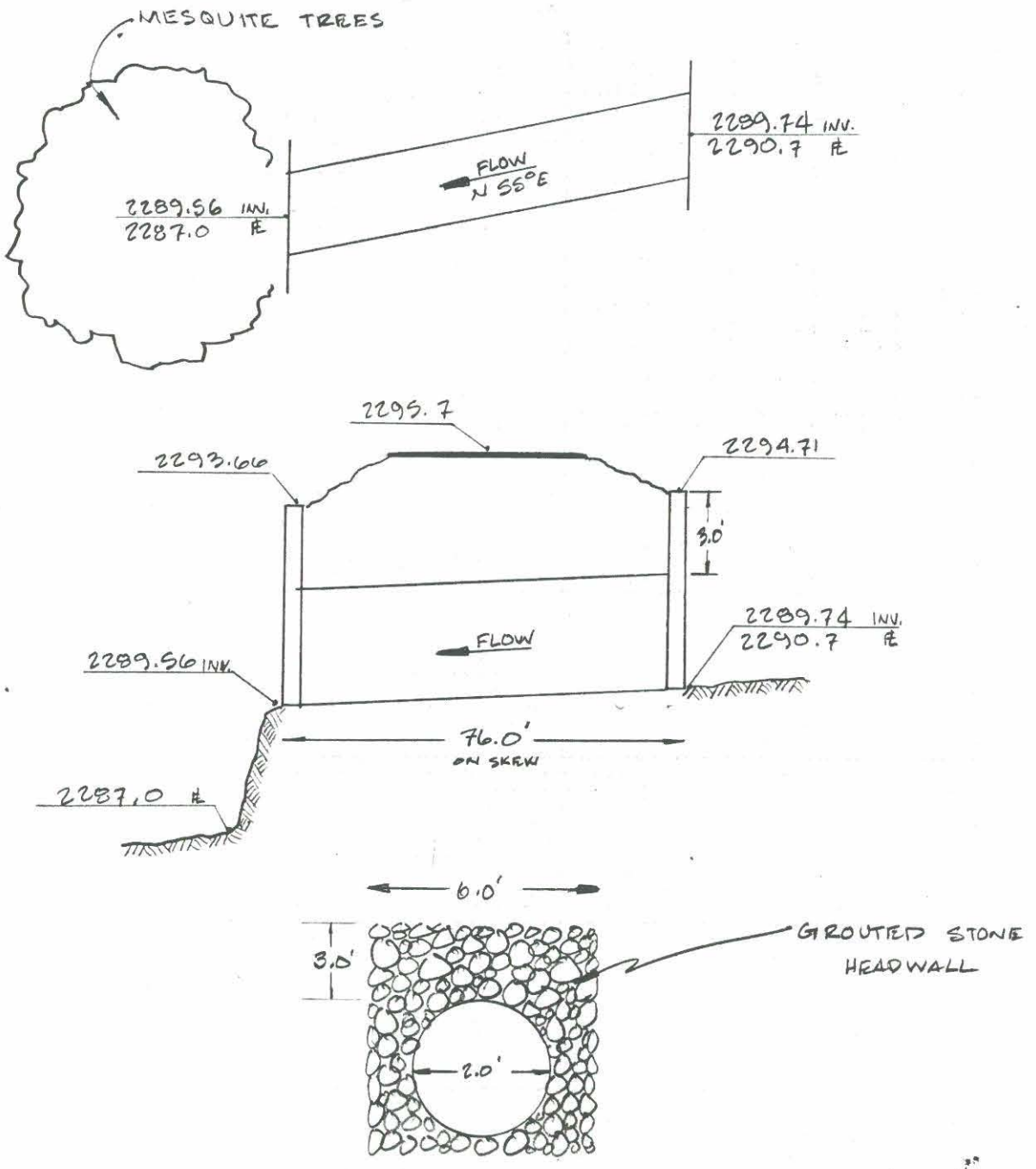
STRUC. COND.: GOOD ☐, FAIR ☐, POOR ■

HEADWALLS : YES ■, NO ☐, COND. POOR

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 6 FT.

NO. OF SPANS OR BARRELS: 1



SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
317	4.11			2298.65
A		13.20	2289.56	
B		15.8	2287.0	
C		9.10	2293.66	
TP-1		8.35		
"	0.38			
D		6.08	2294.71	
E		11.05	2289.74	
F		10.1	2290.7	
TP-2		7.10		
"	0.33			
317		1.38	2298.64	2298.65

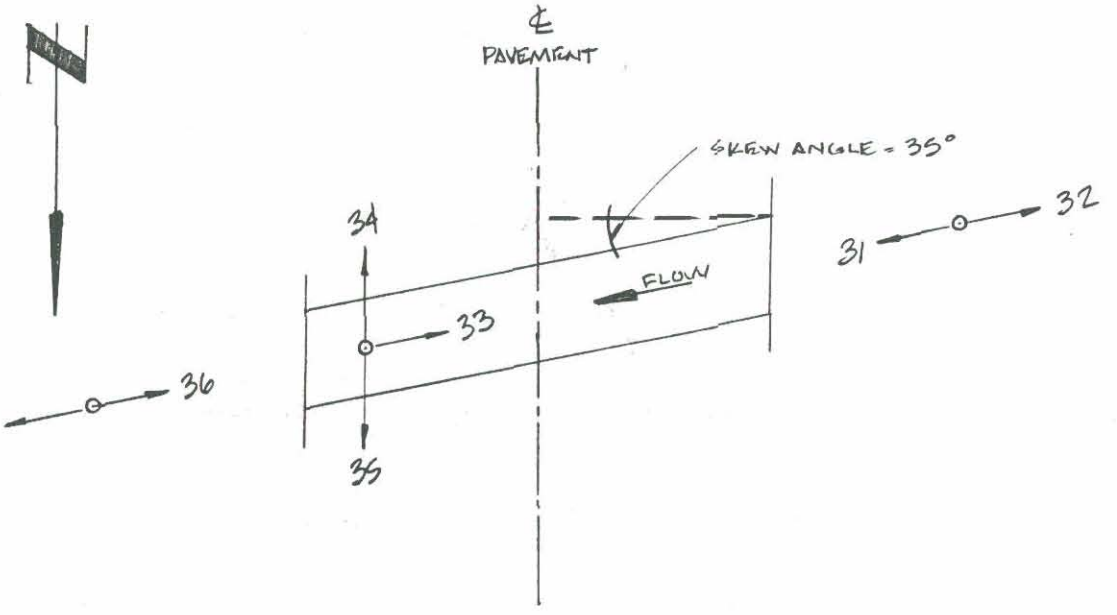
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-8

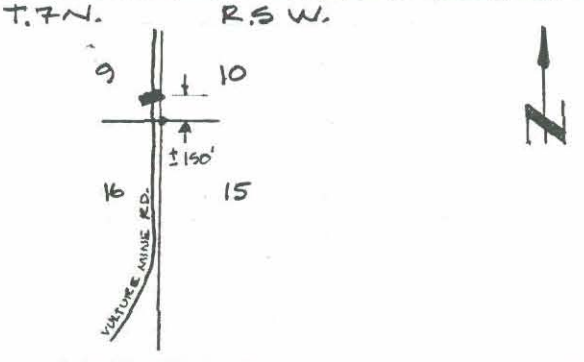
DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 20



SPECIAL NOTES:

DENSE VEGITATION AT DOWNSTREAM END OF STRUCTURE.

GROUTED STONE HEADWALLS AT BOTH ENDS OF STRUCTURE.



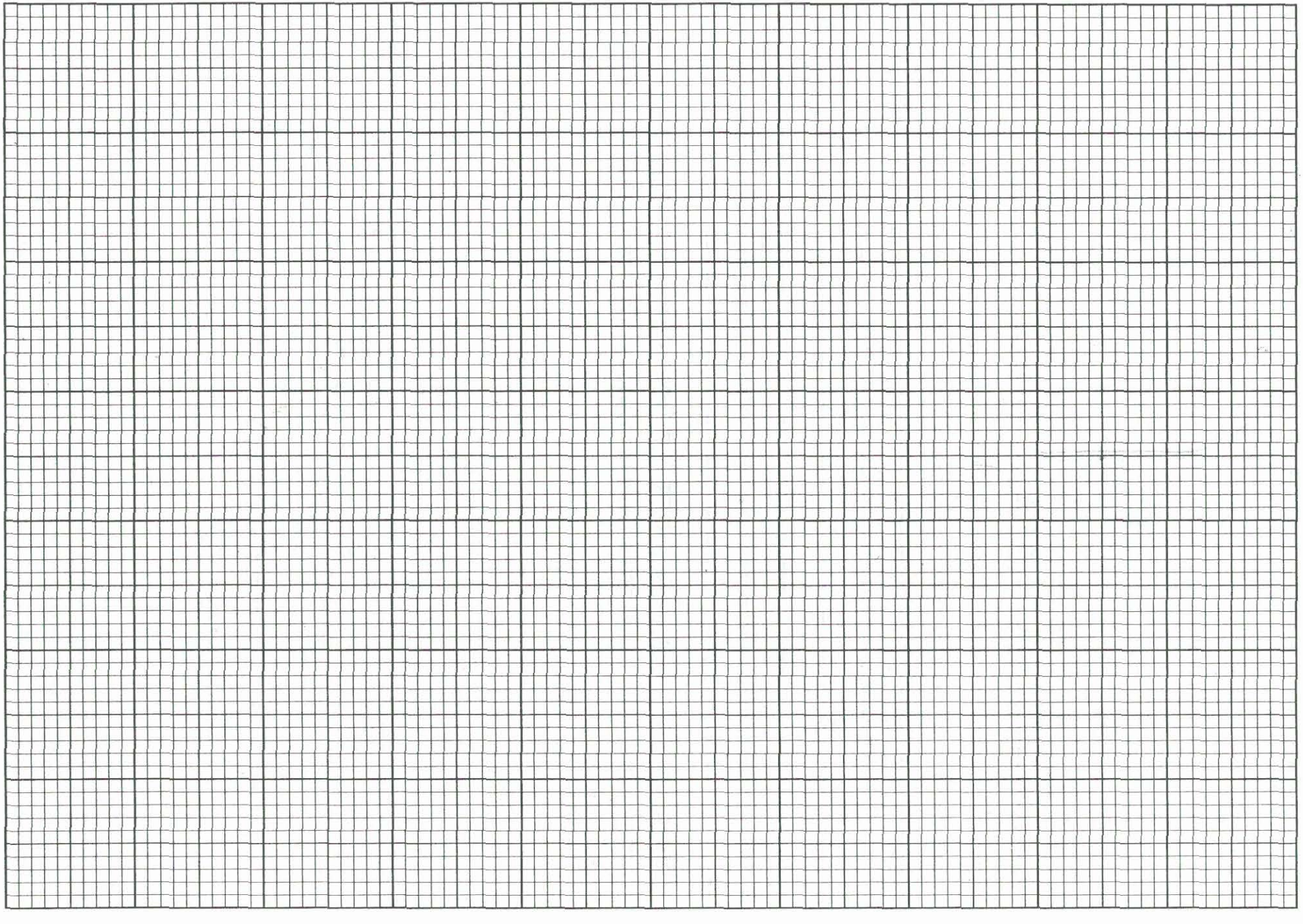
LOCATION MAP

DATE: NOV. 29 1990

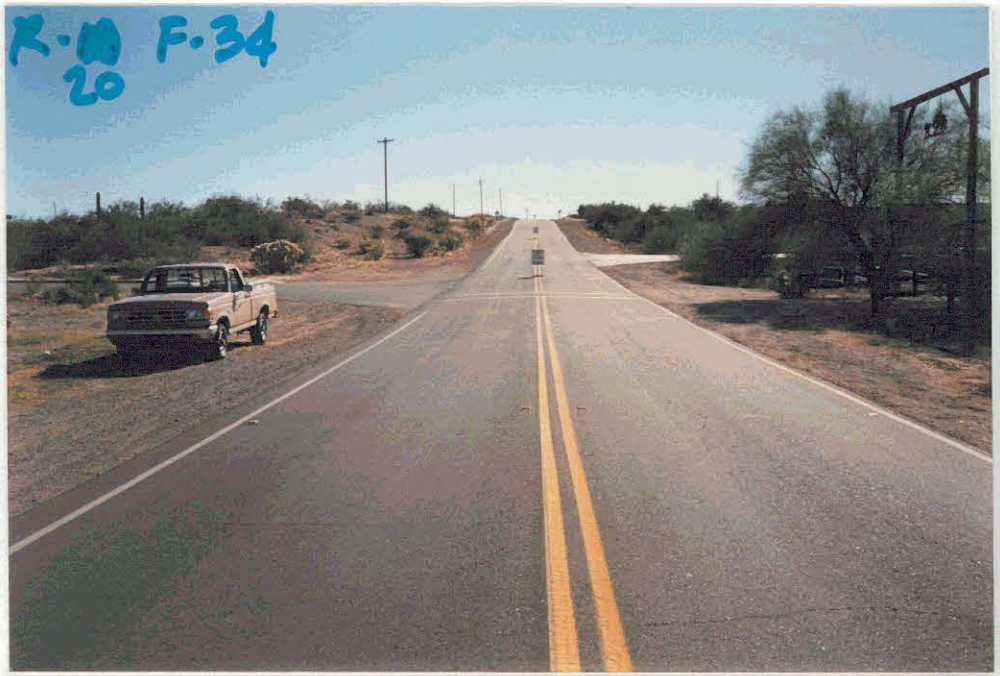
McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

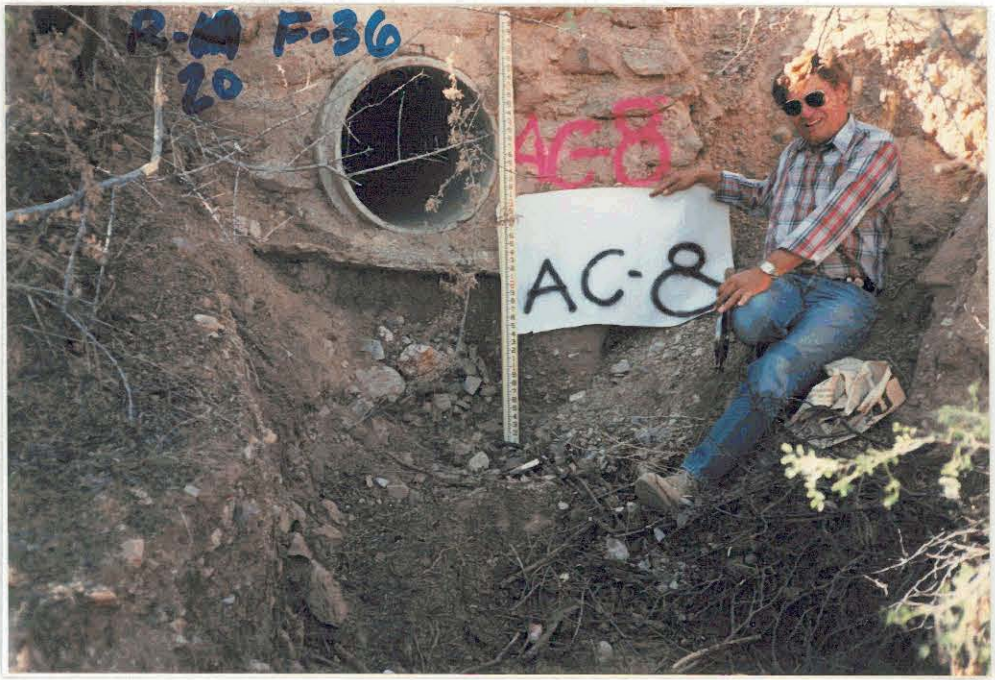
46 0780



20th Century Plastics
1-800-767-0777
STOCK# PPV840-000



R-[illegible] F-35
20


R-[illegible] F-36
20
AC-8
AC-8

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-9

LOCATION/ADDRESS ± 60 FT. WEST OF VULTURE MINE RD., ± 60 FT. SOUTH OF AIRCLETA RD. (SCHOOL ENTRANCE)

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT.	COUNTY
WOOD B.				
OTHER				

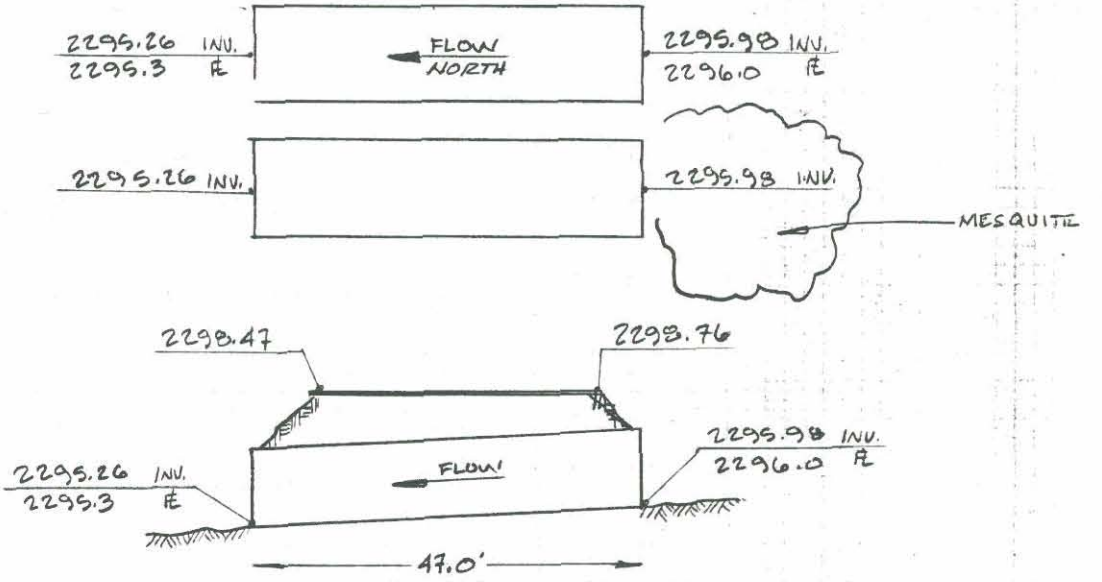
STRUC. COND.: GOOD ■, FAIR □, POOR □

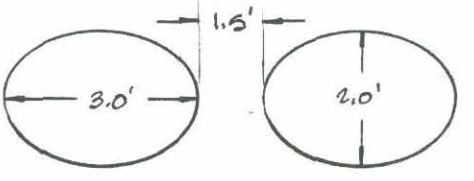
HEADWALLS : YES □, NO ■, COND. ____

WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 2.8 FT.

NO. OF SPANS OR BARRELS: 2





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	+	ELEVATION	BENCHMARK
317	4.11			2298.65
A		6.78	2295.98	
B		6.8	2296.0	
C		4.00	2298.76	
D		4.29	2298.47	
T.P.-1		4.29		
A	5.10			
E		8.31	2295.26	
F		8.3	2295.3	
T.B.-2		7.80		
A	5.76			
317		2.89	2298.64	2298.65

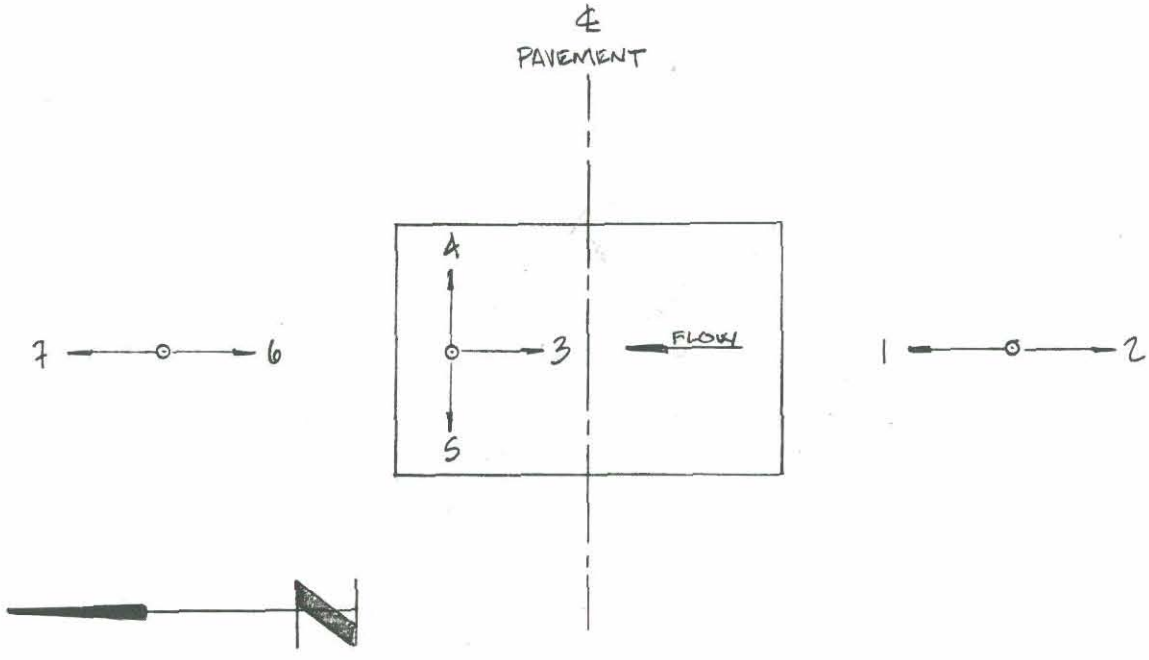
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

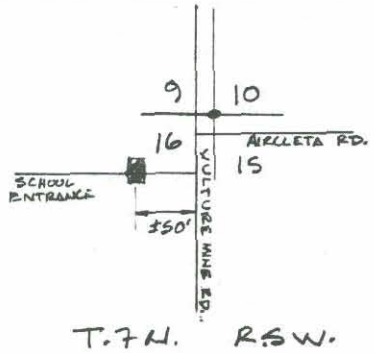
STRUC. NO. AC-9

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 21



SPECIAL NOTES:

DENSE VEGITATION AT UP-STREAM END OF STRUCTURE.



T.7N. R.5W.
LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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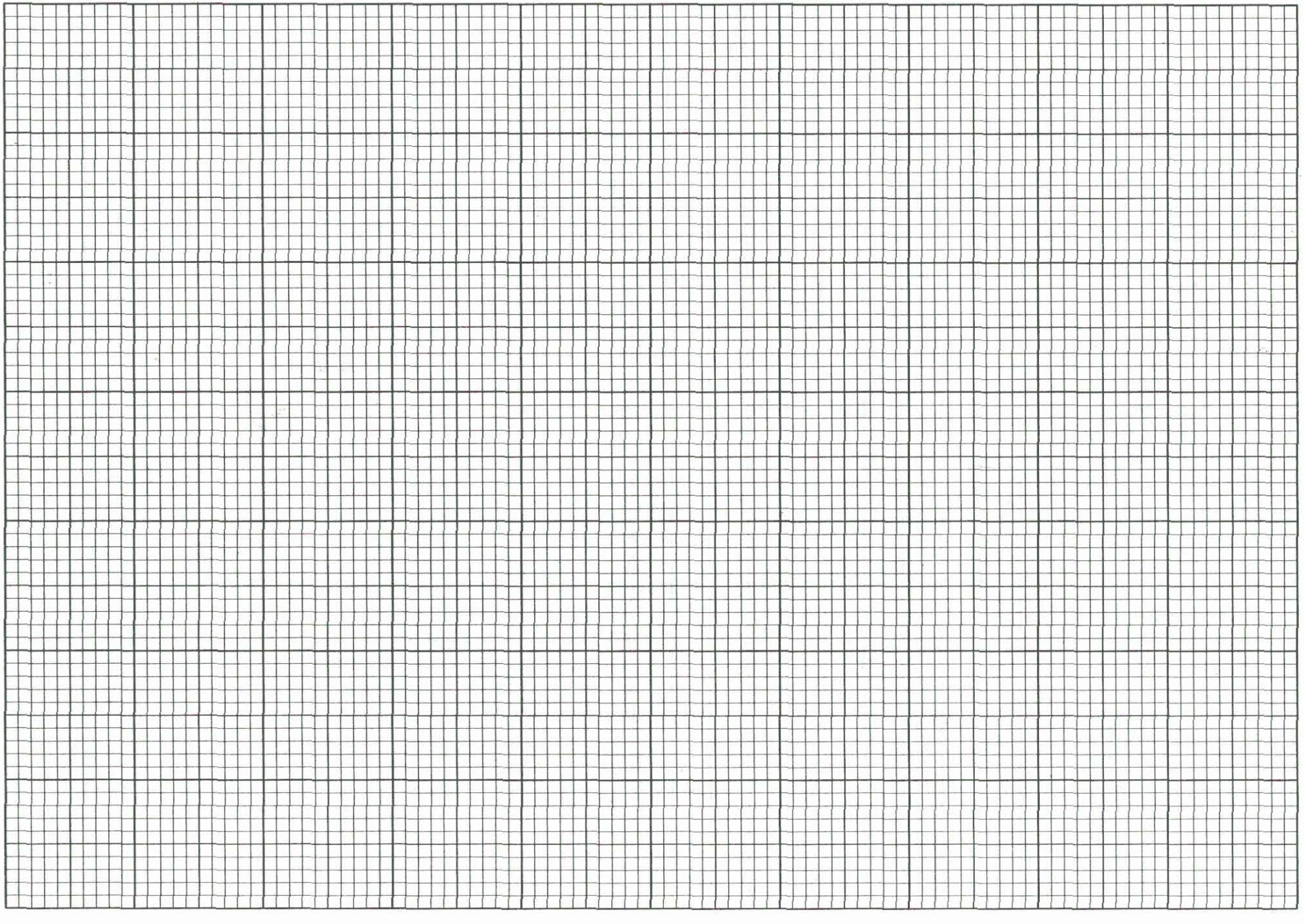

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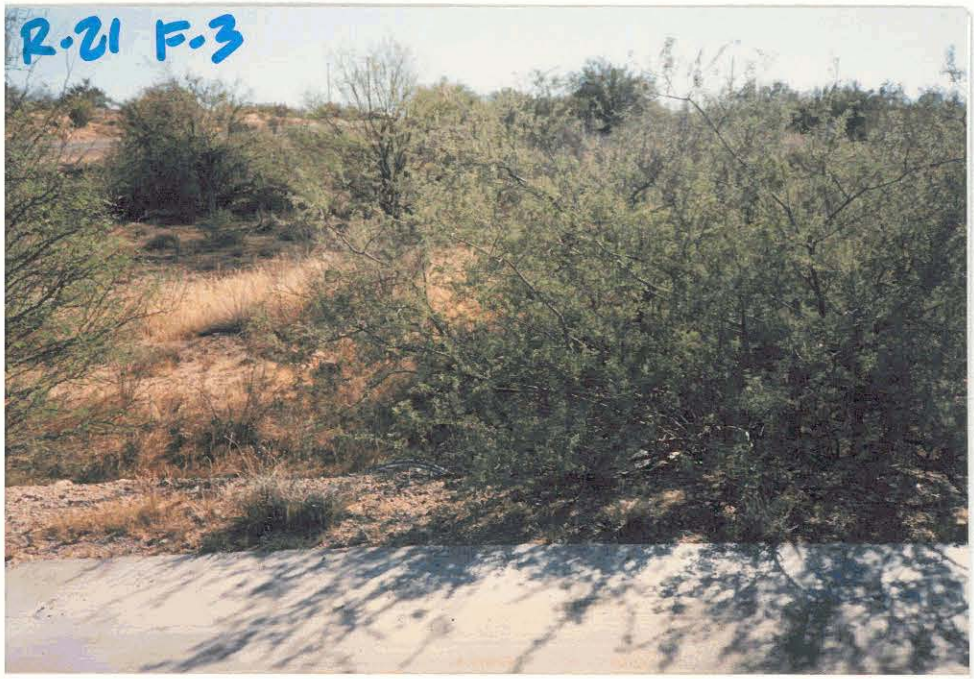
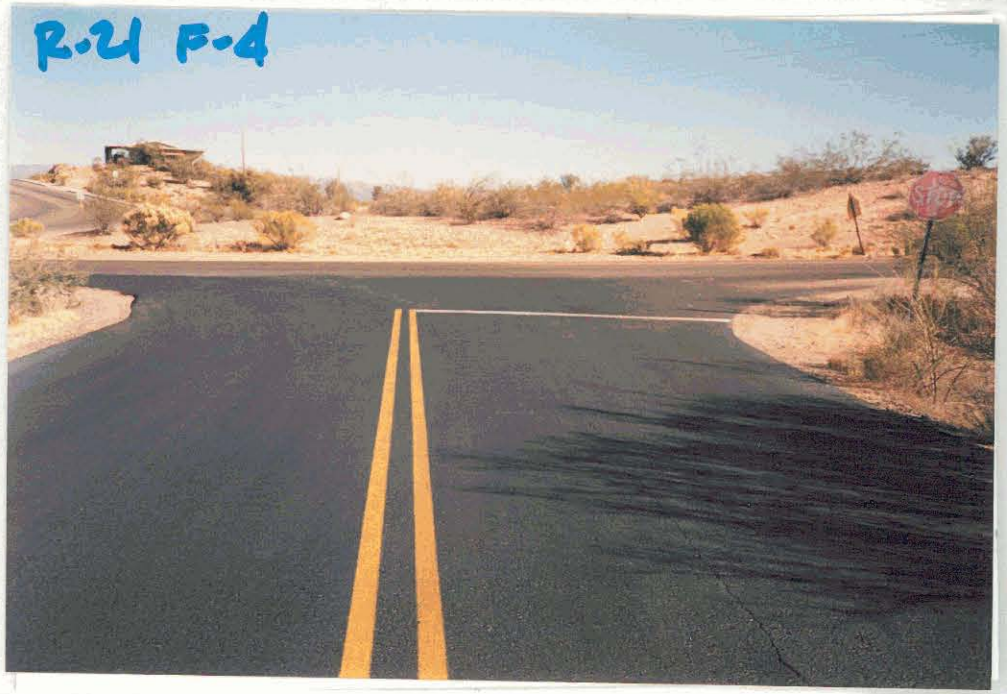
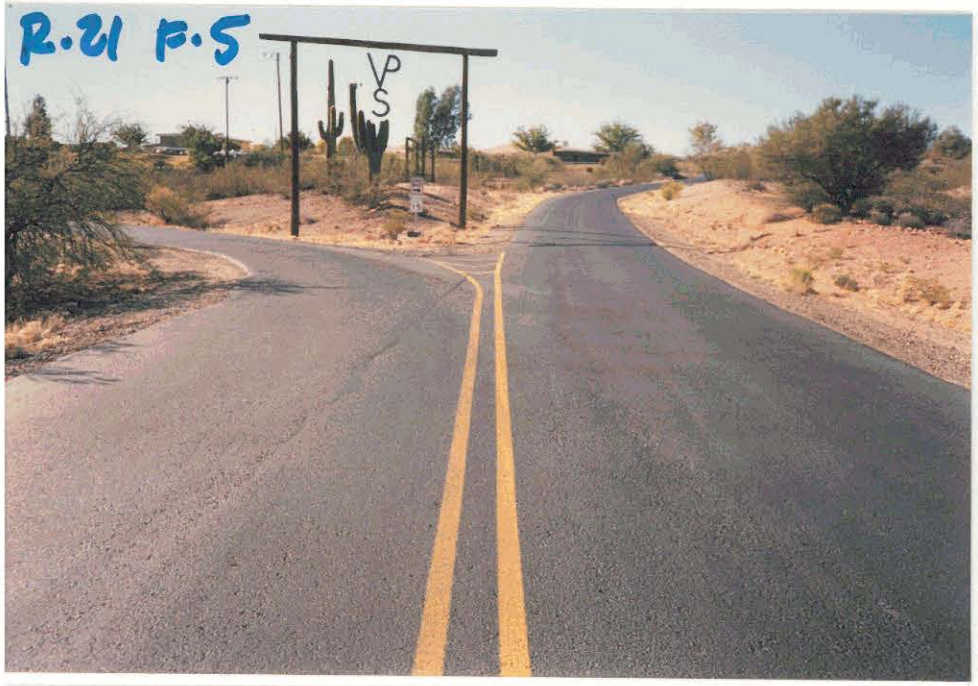





R.21 F.5
VP
S

R.21 F.6
AC-9

R.21 F.7

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-10

LOCATION/ADDRESS VISTA DR., ± 350 FT. SOUTH OF AIRCLETA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	3.0 FT.			C.O.W.
WOOD B.				
OTHER				

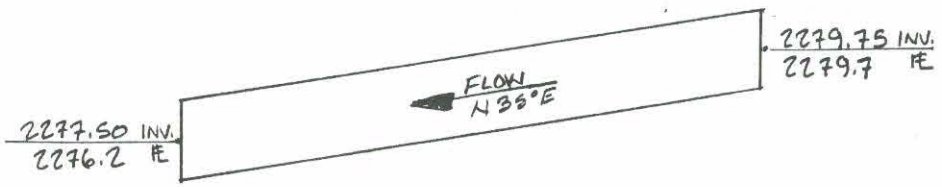
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

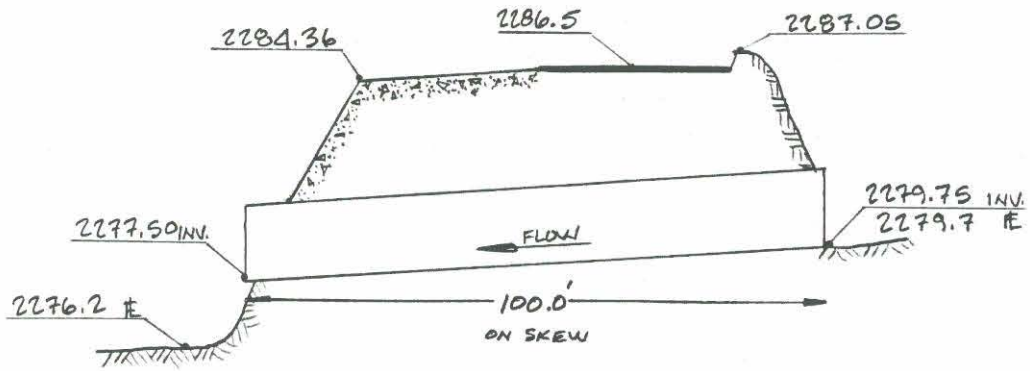
HEADWALLS : YES ☐, NO ■, COND. ____

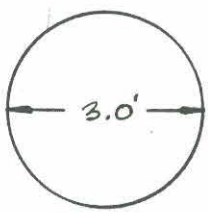
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 7.3 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-10	5.14			2287.31
A		12.70	2279.75	
B		12.7	2279.7	
C		5.40	2287.05	
D		8.09	2284.36	
E		14.95	2277.50	
F		16.3	2276.2	
T.P.		7.59		
T	6.87			
TBM AC-10		4.42	2287.31	2287.31

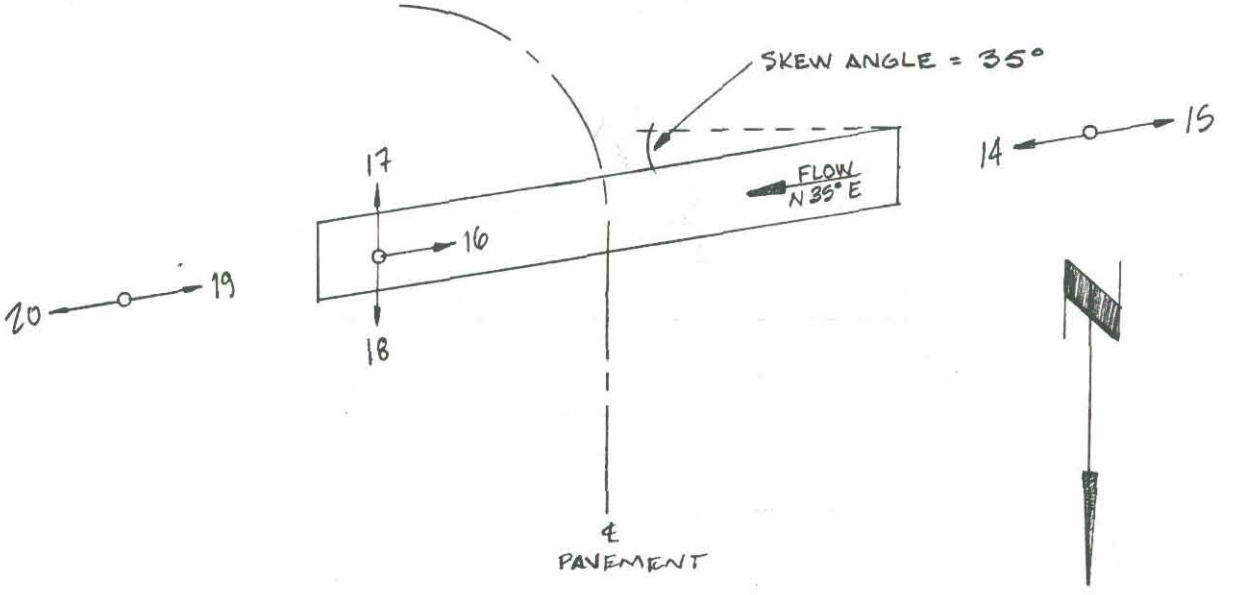
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

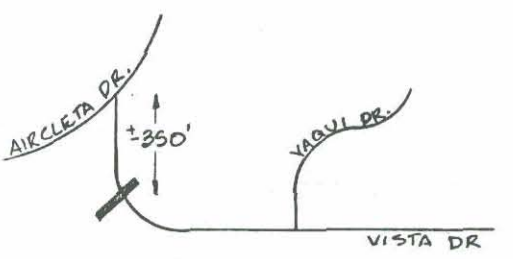
STRUC. NO. AC-10

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 32



SPECIAL NOTES:

T.B.M. AC-10 IS A BRASS CAP IN CONC. AT ℄ VISTA DR. JUST SOUTH OF STRUCTURE



SEC. 10, T.7N., R.5W.

LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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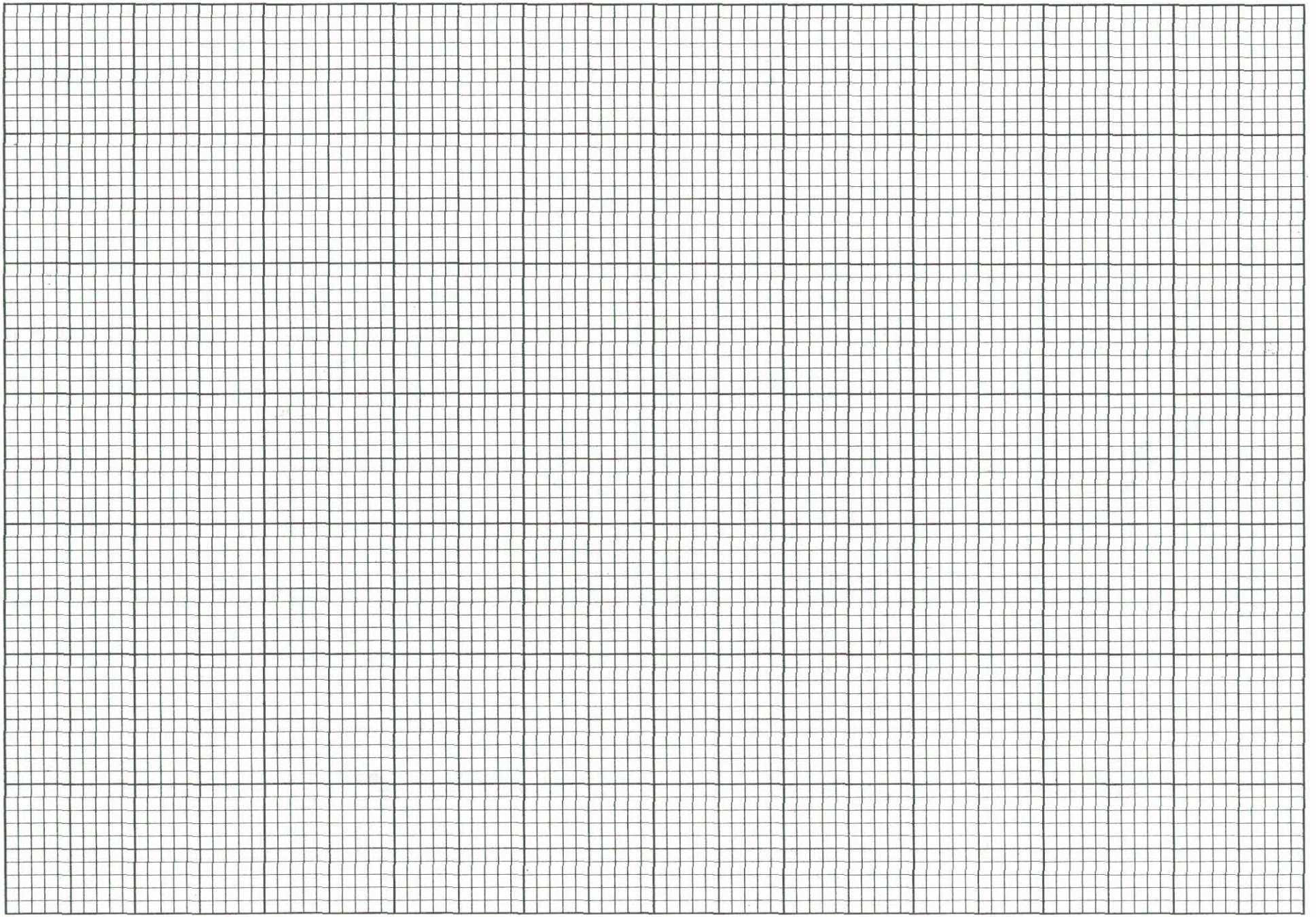

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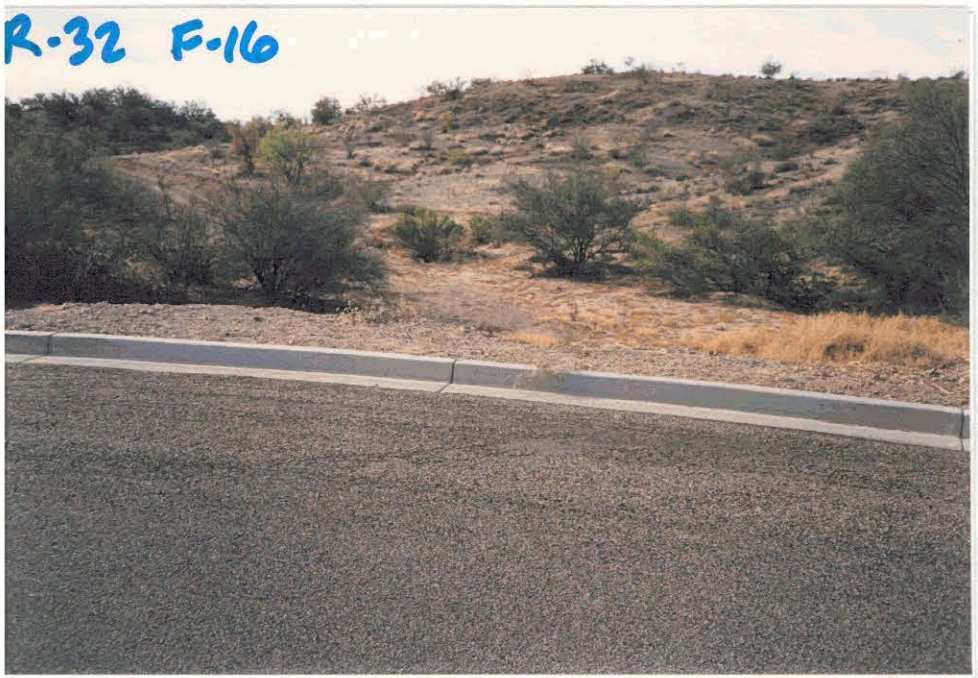


R-32 F-18

R-32 F-19
AC-10

R-32
F-20

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-11

LOCATION/ADDRESS U.S. HWY. 60, ± 1300 FT. EAST OF VULTURE MINE RD.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.		6.0 FT.	6.0 FT.	A.D.O.T.
CONC. PIPE				
C.M.P				
WOOD B.				
OTHER				

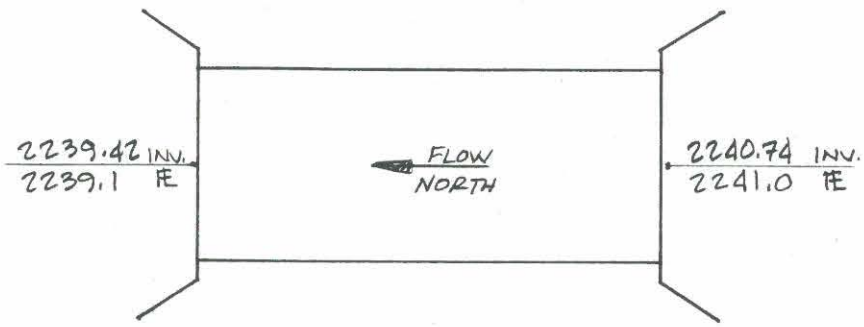
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

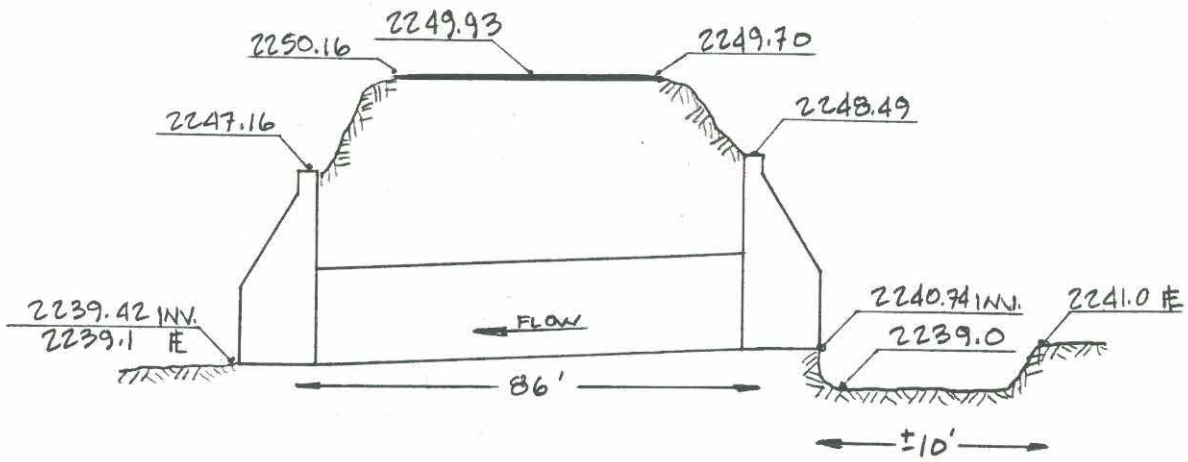
HEADWALLS : YES ■, NO ☐, COND. FAIR

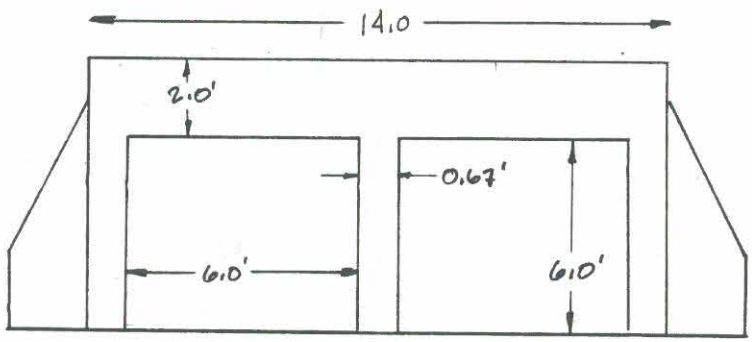
WINGWALLS : YES ■, NO ☐, COND. FAIR

DEPTH OF AVAILABLE HEADWATER: ± 9.3 FT.

NO. OF SPANS OR BARRELS: 2







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCH MARK
TBM AC-11	2.34			2248.49
A		10.09	2240.74	
B		11.8	2239.0	
C		1.13	2249.70	
D		0.67	2250.16	
E		3.67	2247.16	
F		11.41	2239.42	
G		11.7	2239.11	
T.P.		3.67		
T	4.02			
TBM AC-11		2.69	2248.69	2248.49

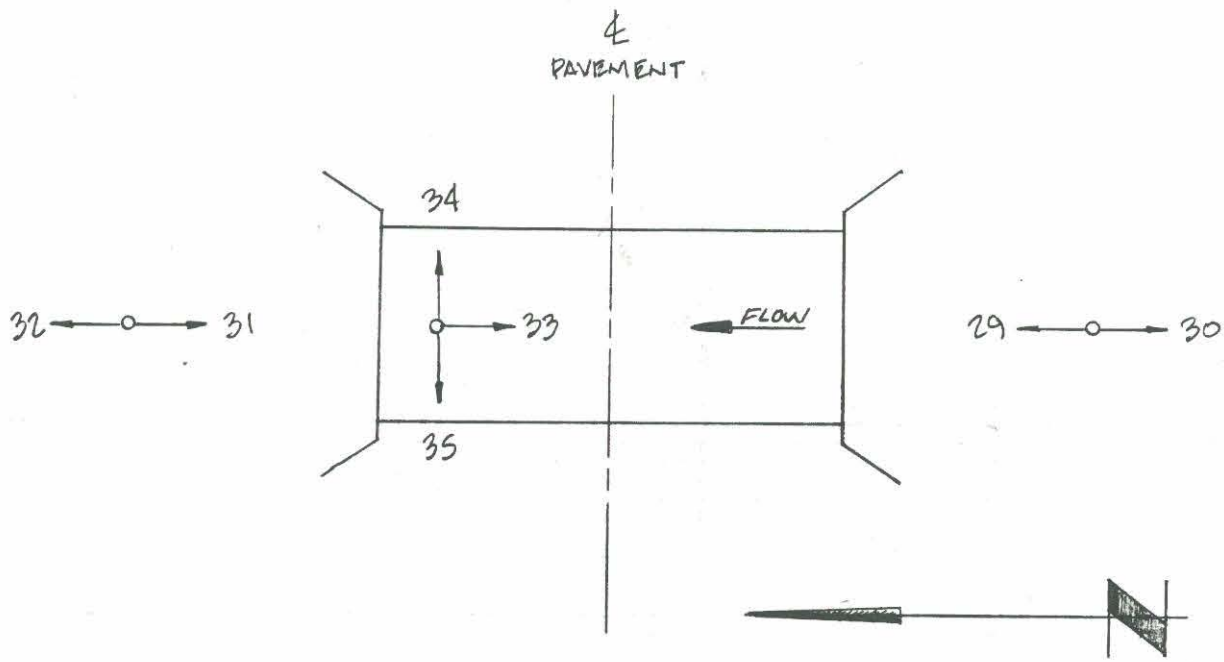
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-11

DIRECTION OF PHOTO ○→ 7 & FRAME NO. ROLL NO. 28



SPECIAL NOTES:

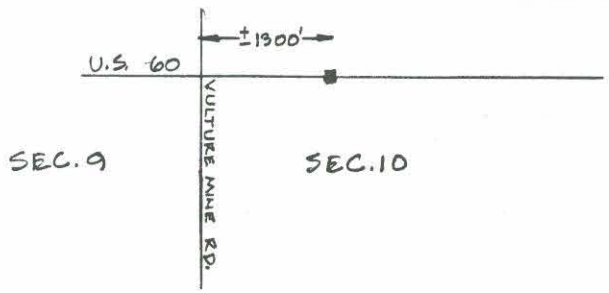
DEEP SCOUR HOLE AT UP-STREAM END OF STRUCTURE.

T.B.M. AC-11 IS AN A.H.D. BRASS CAP MKD: "STA. 2915+64.8"

"EL. 2287.74"

"1932"

LOCATED ON THE SOUTH HEAD WALL OF STRUCTURE.



T.7N. R.5W.

LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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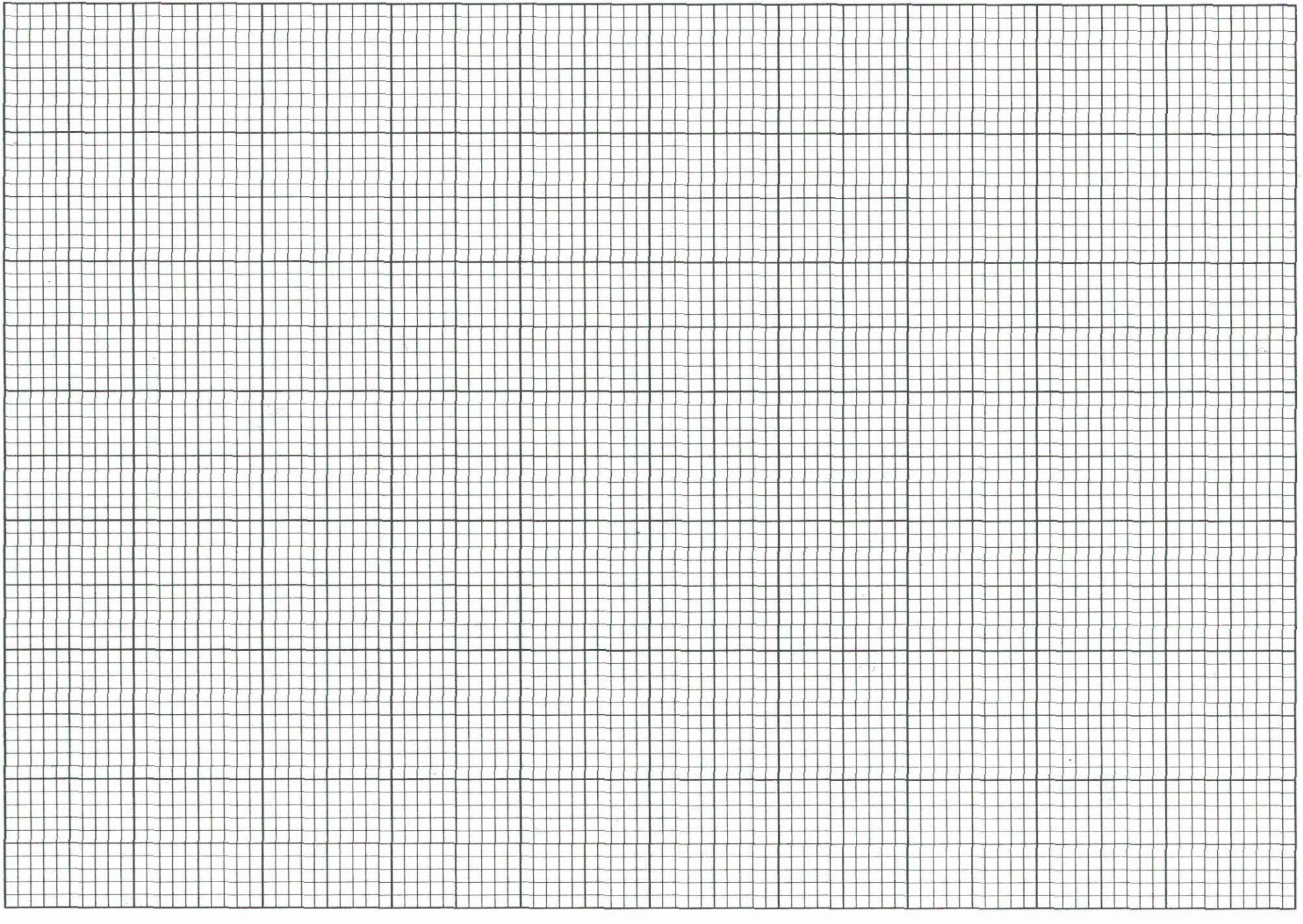

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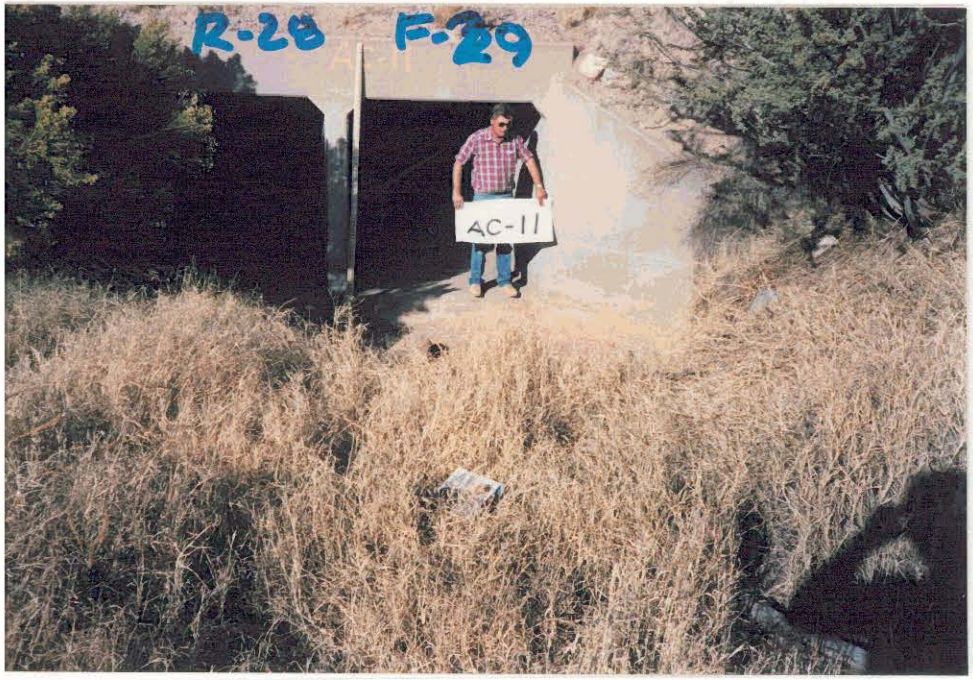
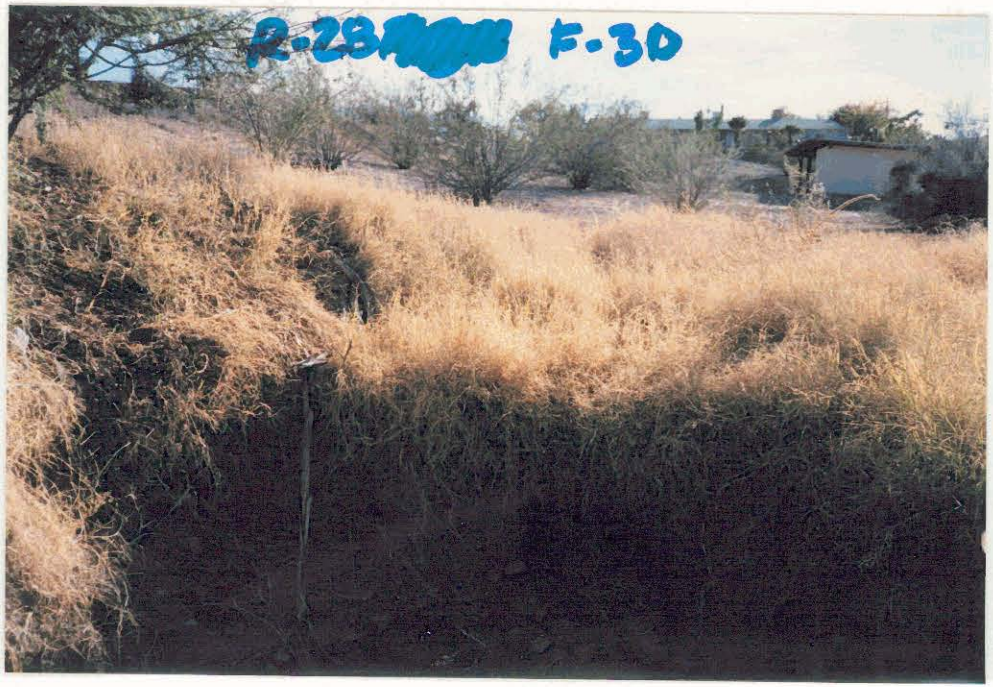
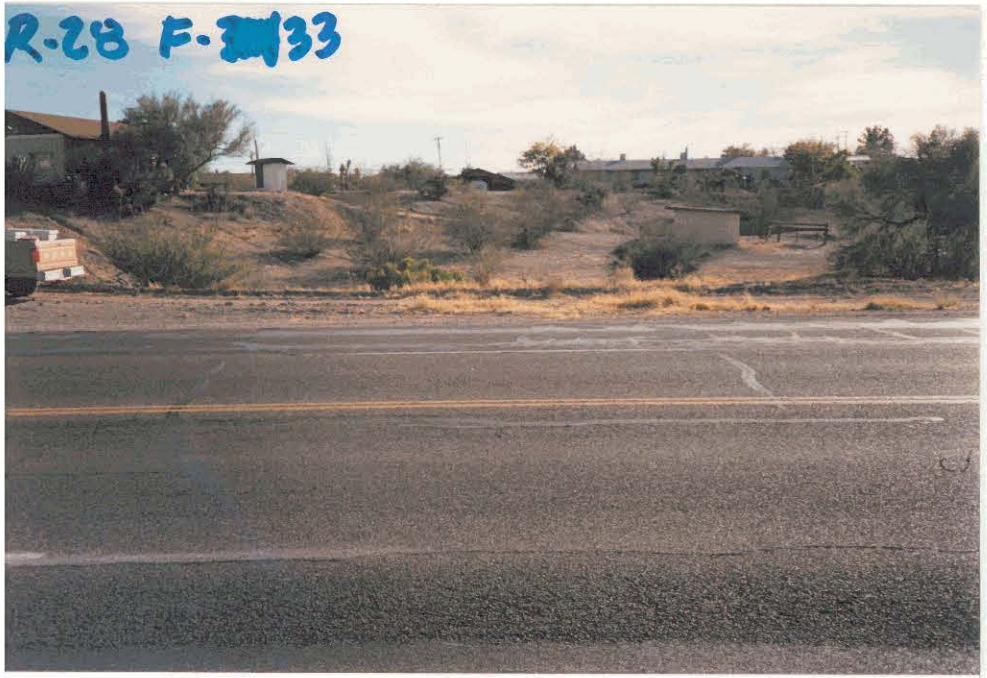
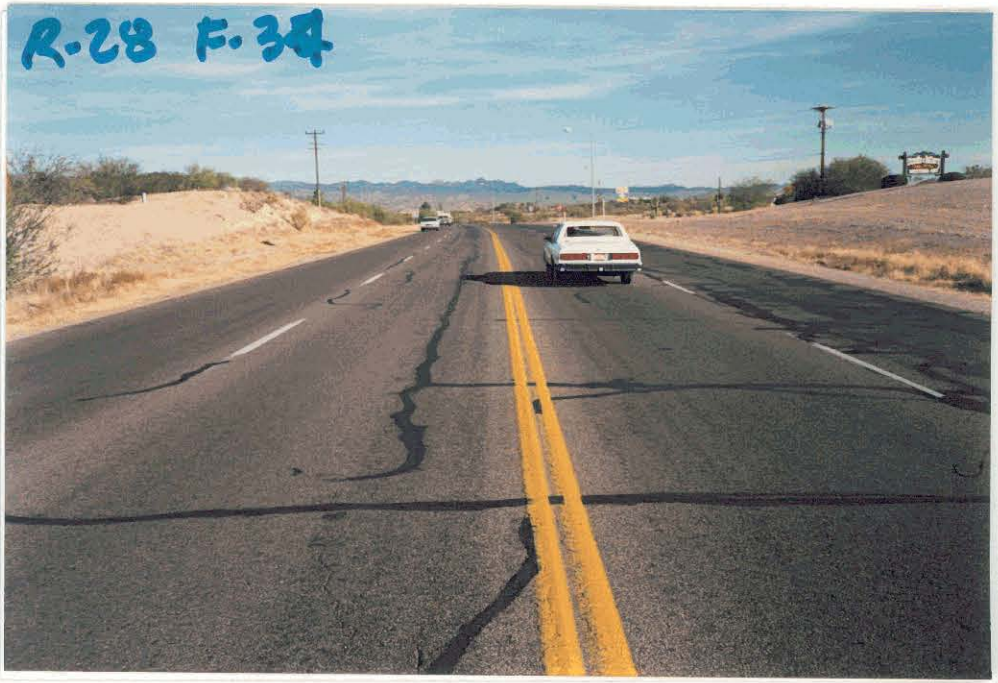
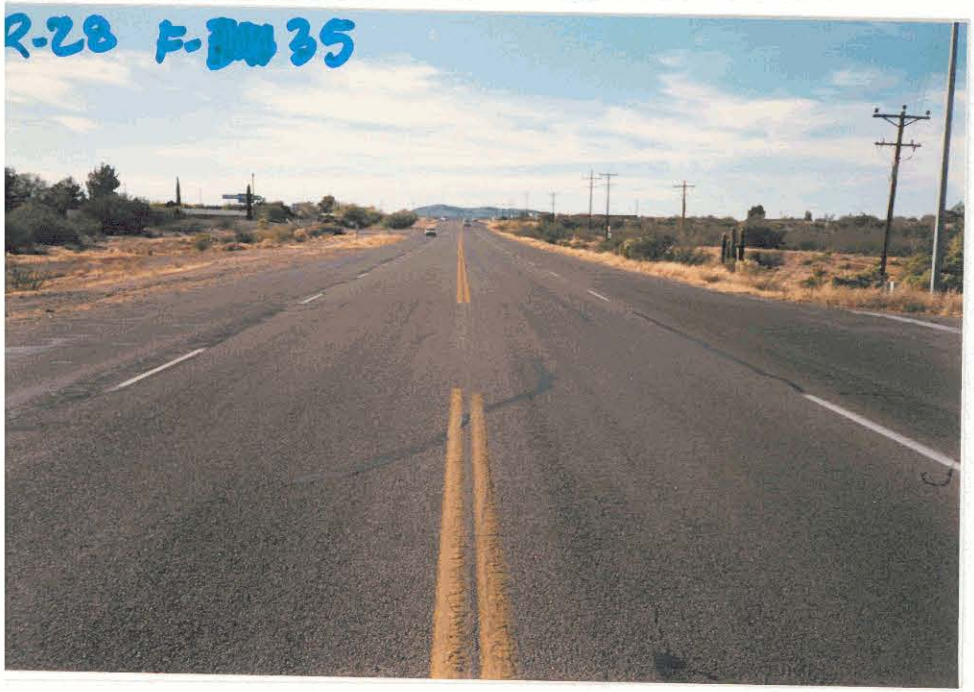
STOCK# PPV840-000






R-28 F-33


R-28 F-34


R-28 F-35

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-12

LOCATION/ADDRESS VISTA DR., ± 150 FT. WEST OF YAQUI DR..

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			C.O.W.
WOOD B.				
OTHER				

STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

HEADWALLS : YES ☐, NO ■, COND. ____

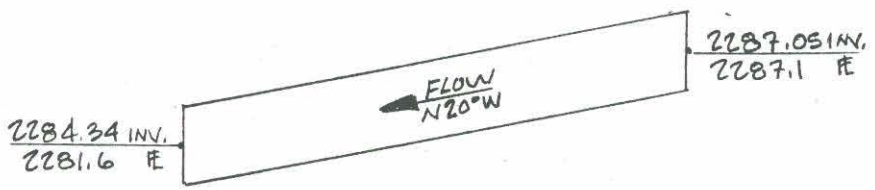
WINGWALLS : YES ☐, NO ■, COND. ____

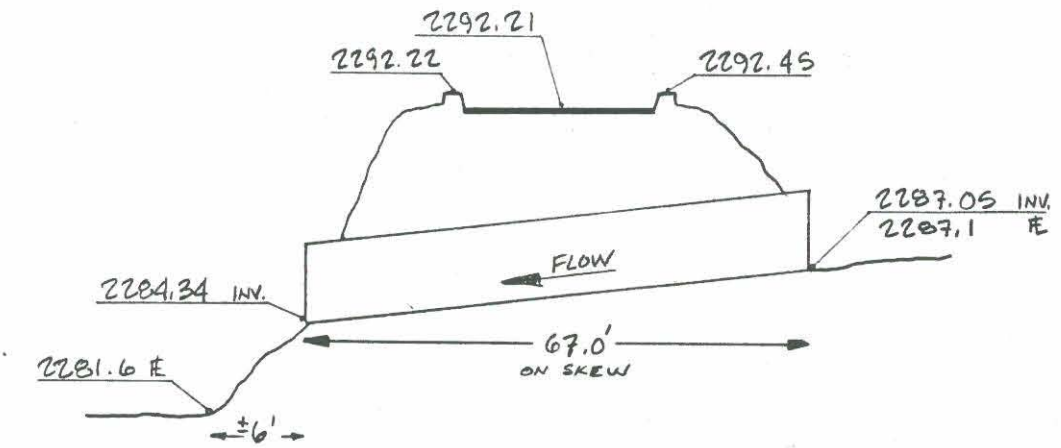
DEPTH OF AVAILABLE HEADWATER:

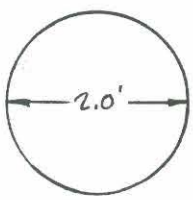
± 5.4 FT.

NO. OF SPANS OR BARRELS:

1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 13 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-12	5.67			2292.08
A		10.70	2287.05	
B		10.6	2287.1	
C		5.30	2292.45	
D		5.54	2292.21	
E		5.53	2292.22	
F		13.41	2284.34	
G		16.1	2281.6	
T.P.		5.89		
X	6.32			
TBM AC-12		6.09	2292.09	2292.08

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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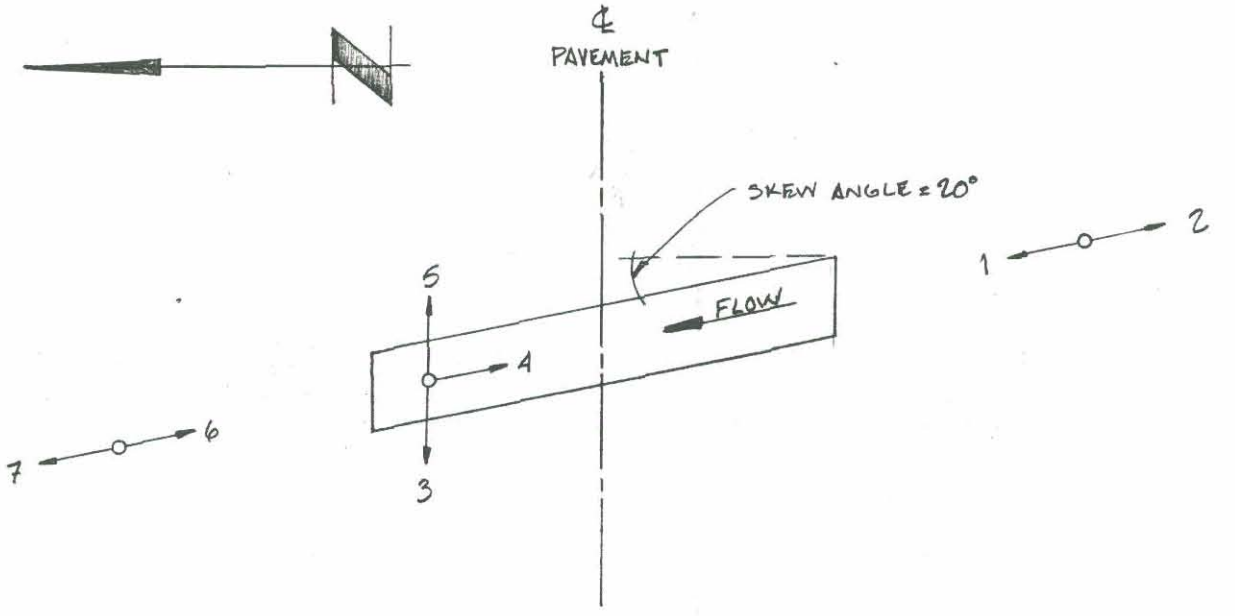
BRIDGE & CULVERT PHOTO LOG

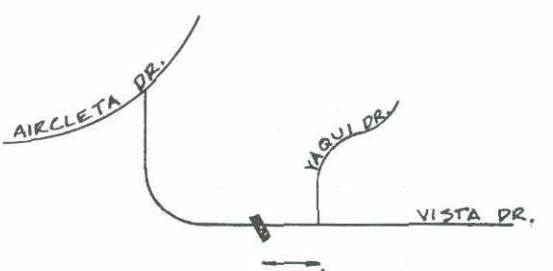
SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-12

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 1



SPECIAL NOTES:



SEC. 10, T. 7N., R. 5W.
LOCATION MAP

DATE: NOV. 13 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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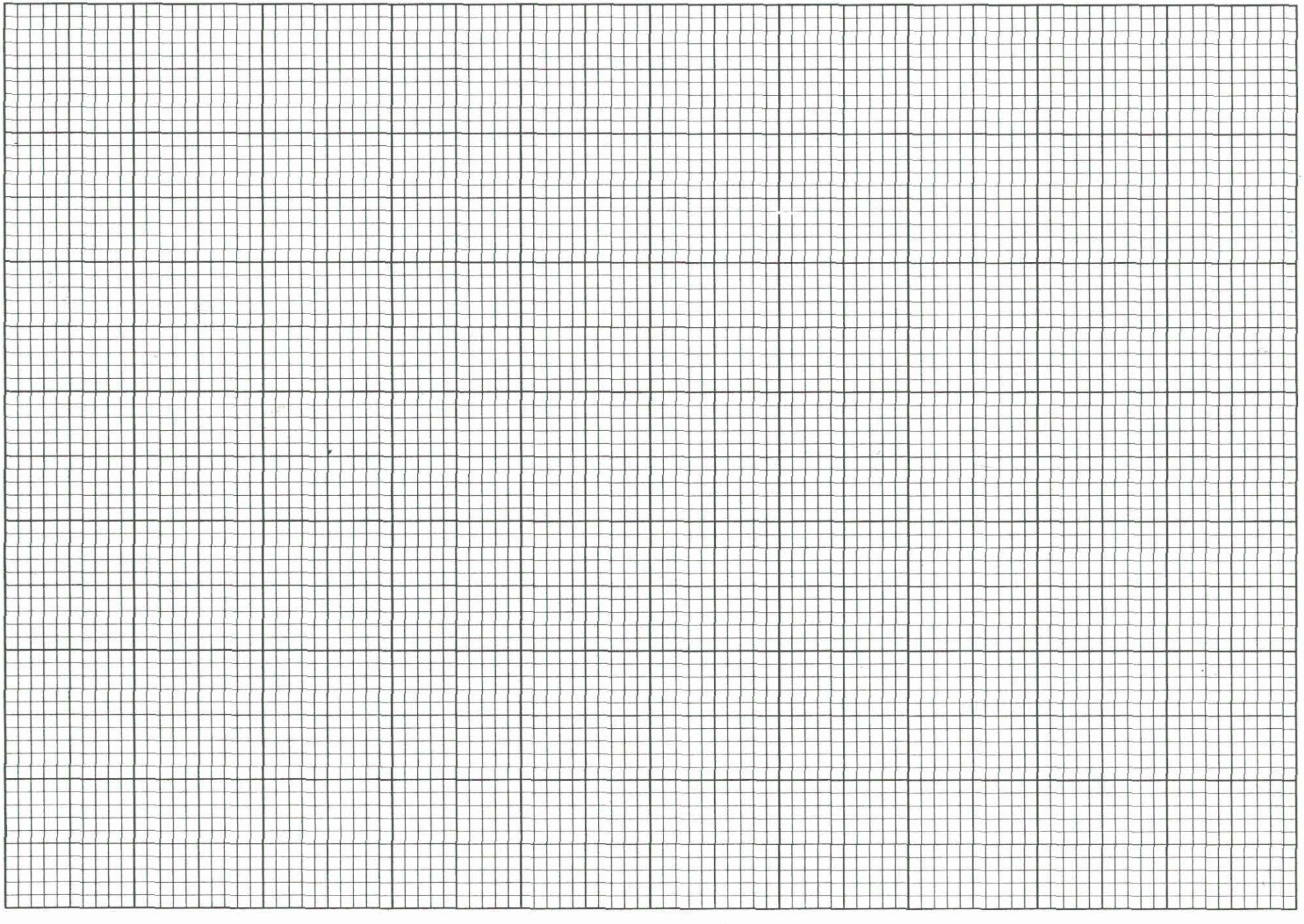

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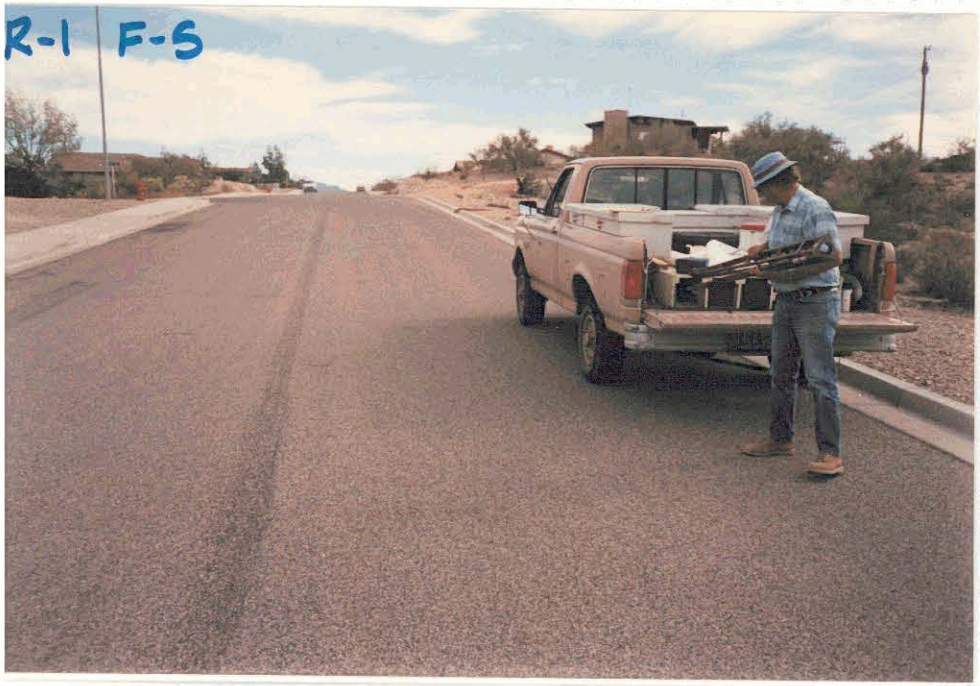
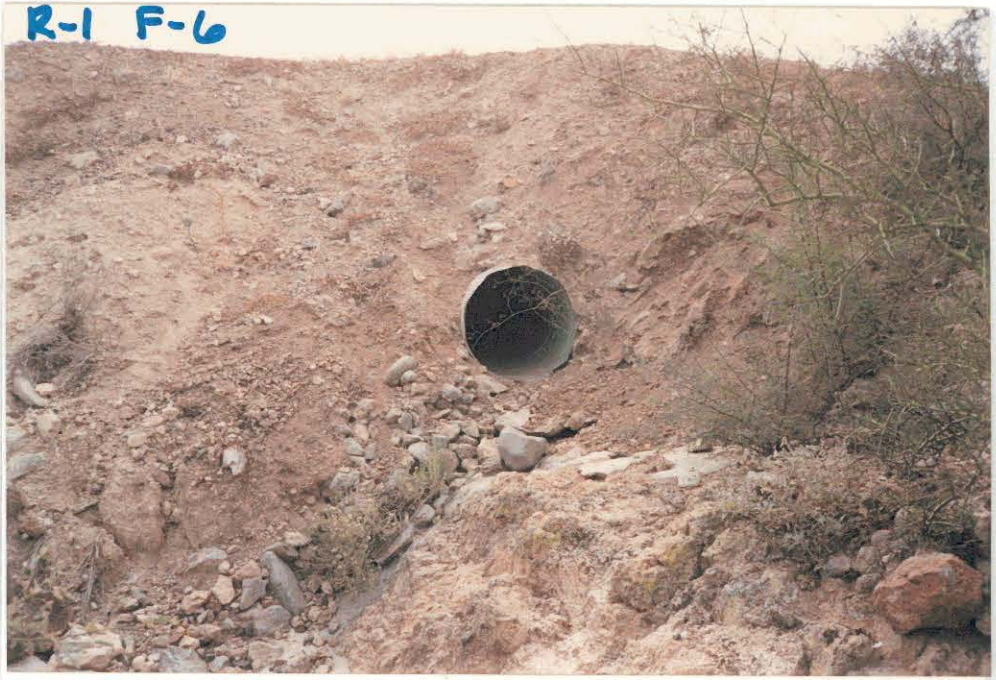

R-1 F-5


R-1 F-6

R-1 F 7

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-13

LOCATION/ADDRESS U.S. HWY. 60, ± 800 FT. EAST OF YUCCA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.5 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

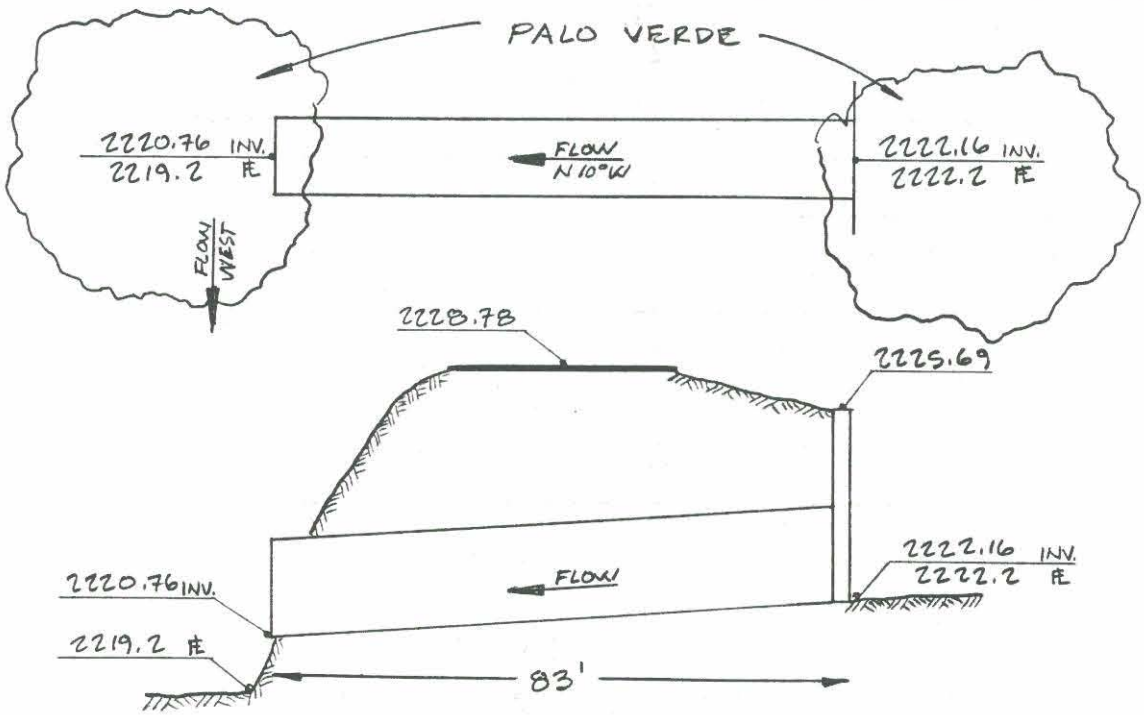
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

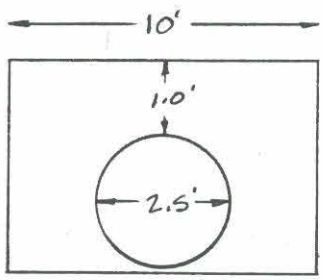
HEADWALLS : YES ■, NO ☐, COND. FAIR

WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 6.5 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-13	7.65			2225.69
A		11.18	2222.16	
B		11.1	2222.2	
C		7.65	2225.69	
D		4.56	2228.78	
E		12.58	2220.76	
F		13.6	2219.2	
T.P.		4.26		
X	3.66			
TBM AC-13		7.05	2225.69	2225.69

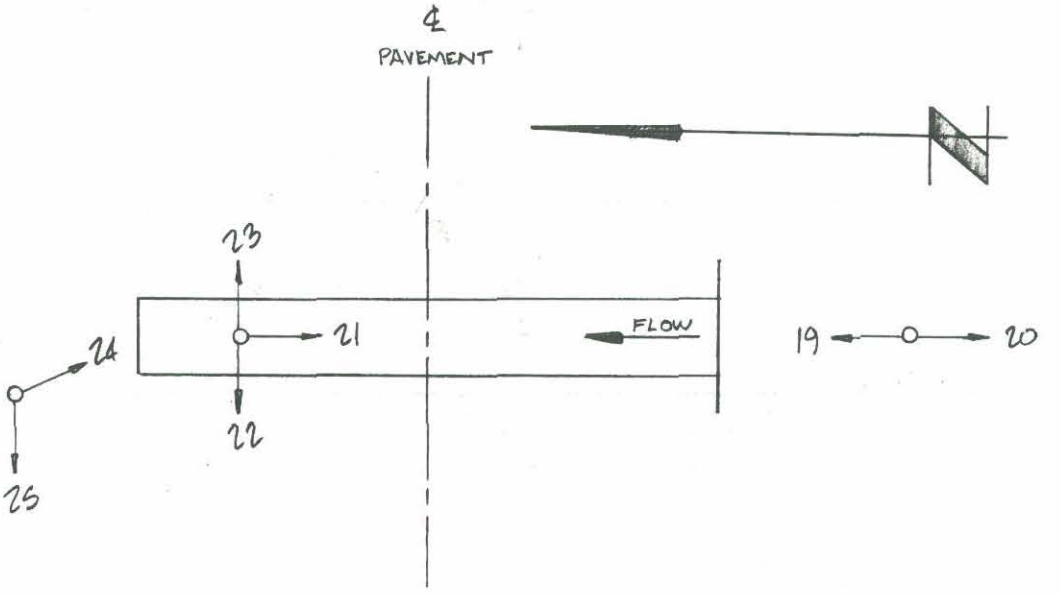
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AC-13

DIRECTION OF PHOTO ○→ 7 & FRAME NO. ROLL NO. 29

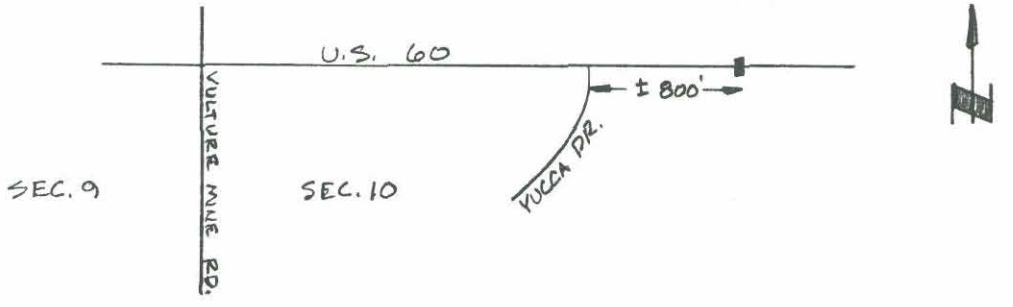


SPECIAL NOTES:

DENSE VEGITATION AT BOTH ENDS OF STRUCTURE.

UP-STREAM PORTION OF STRUCTURE IS A C.M.P., THE DOWN-STREAM PORTION IS A CONCRETE PIPE.

T.B.M. AC-13 IS AN A.H.D. BRASS CAP, LOCATED ON THE SOUTH HEADWALL OF STRUCTURE.



T. 7 N. R. 5 W.

LOCATION MAP

DATE: DEC. 4 1990

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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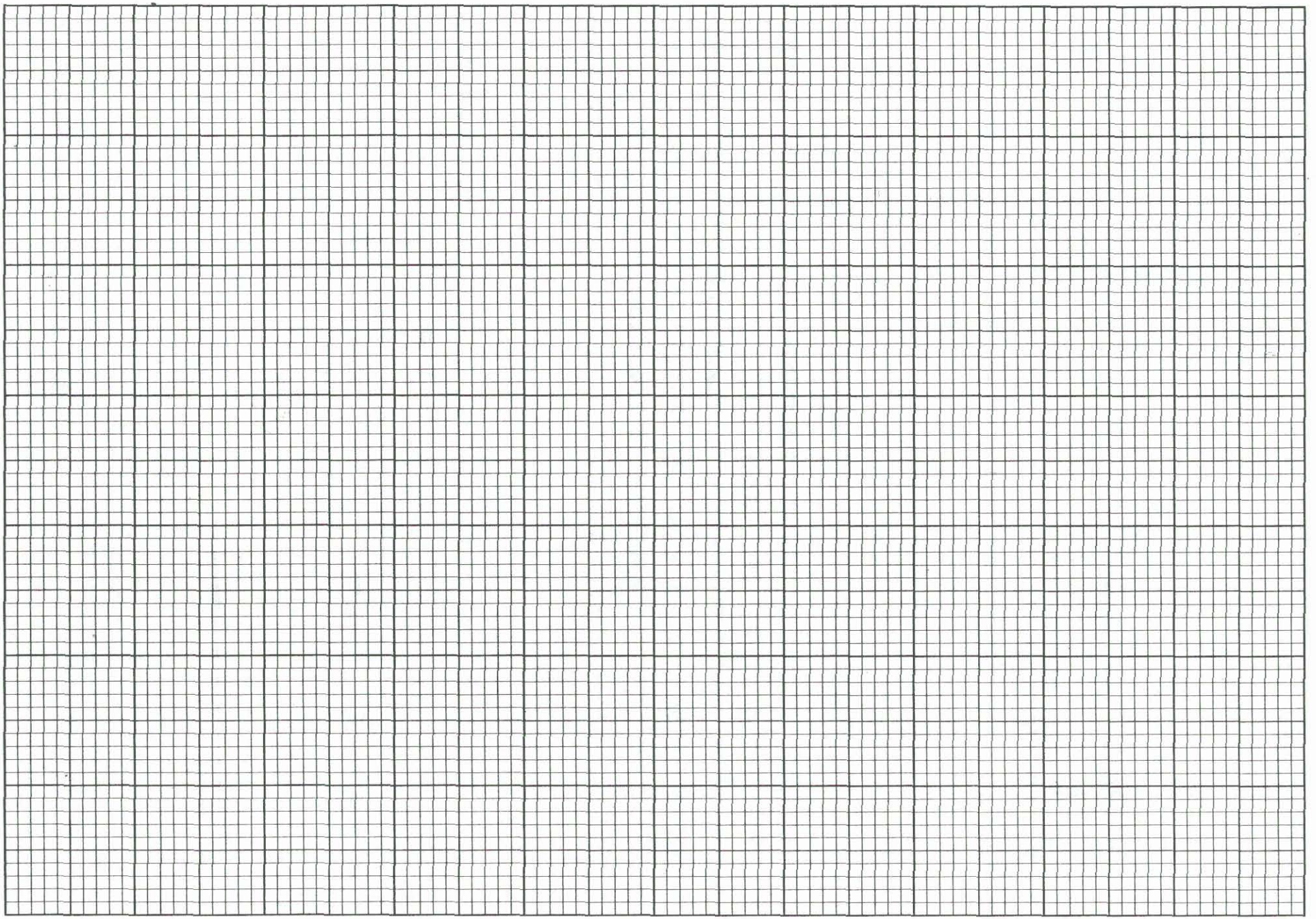

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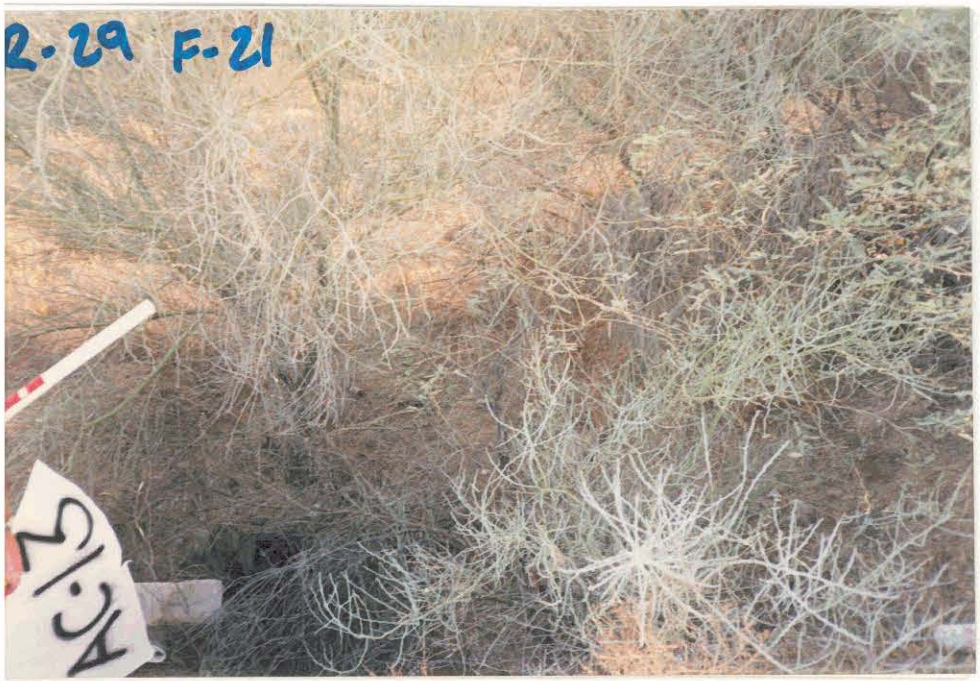
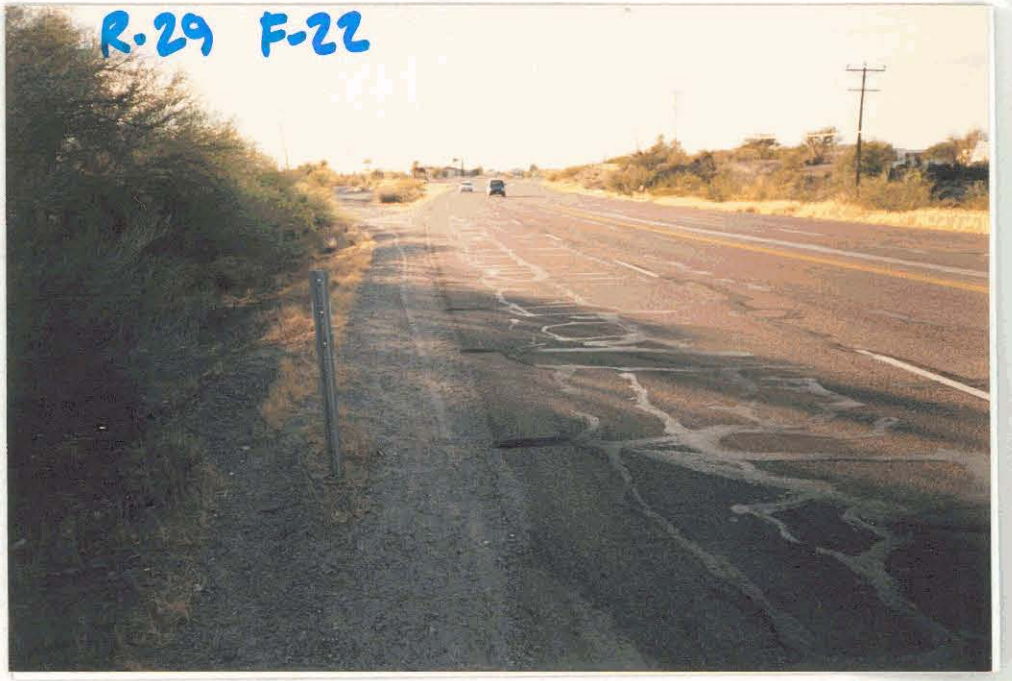
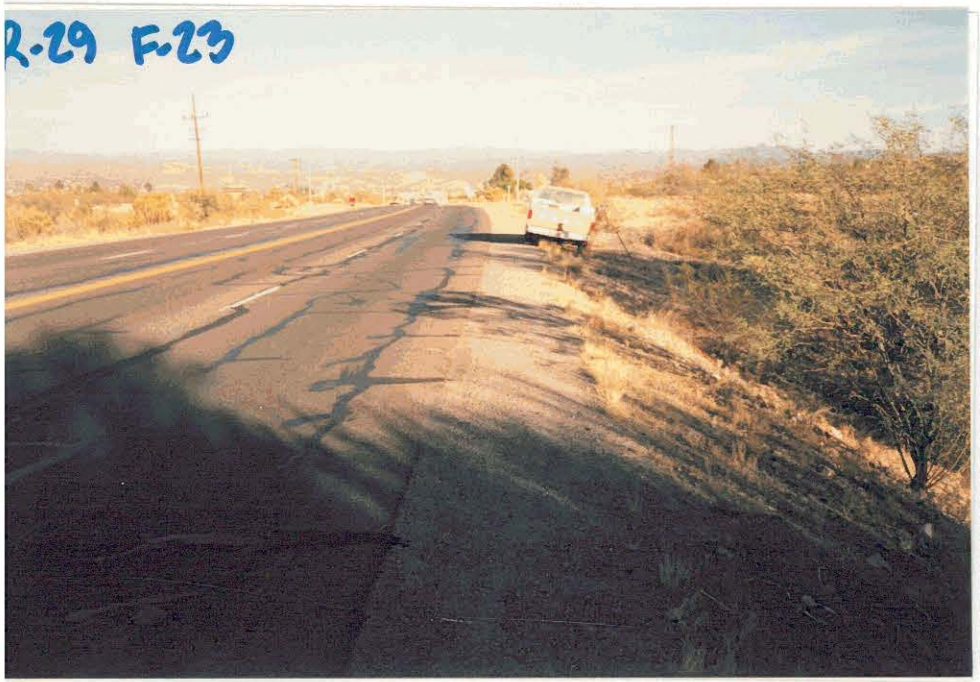
STOCK# PPV840-000






R-29 F-23

R-29
F-24
AC-13

R-29 F-25

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-14

LOCATION/ADDRESS VULTURE MINE RD., ± 3800 FT. SOUTH OF US-60.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		4.8 FT.	3.0 FT.	
WOOD B.				
OTHER				

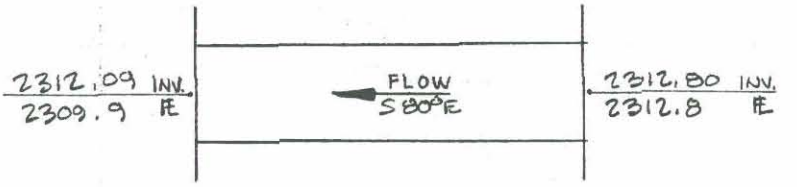
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

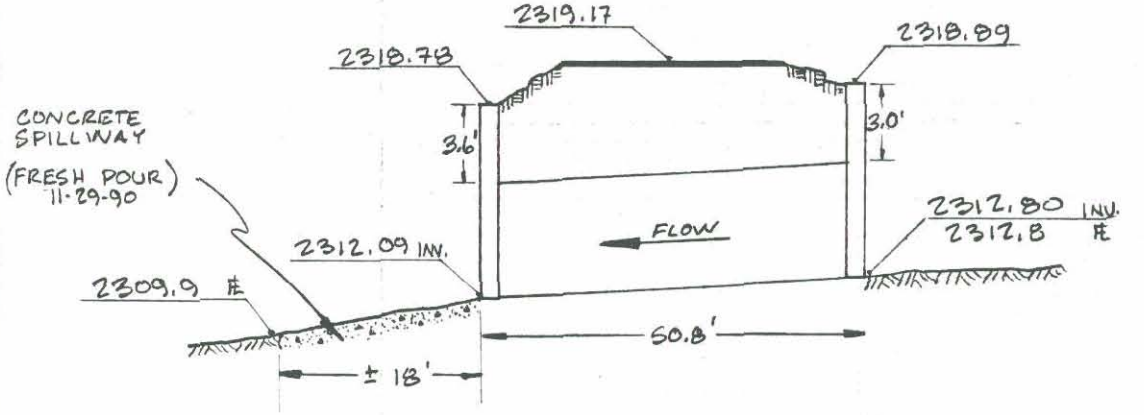
HEADWALLS: YES ■, NO ☐, COND. POOR

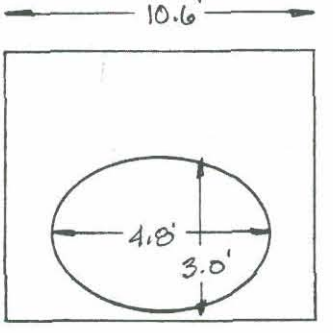
WINGWALLS: YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 6.4 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM Y	5.32			2318.78
A		11.30	2312.80	
B		11.3	2312.8	
C		5.21	2318.89	
D		4.93	2319.17	
E		5.32	2318.78	
F		12.01	2312.09	
G		14.2	2309.9	
T.P.		5.23		
X	4.61			
TBM Y		4.70	2318.78	2318.78

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

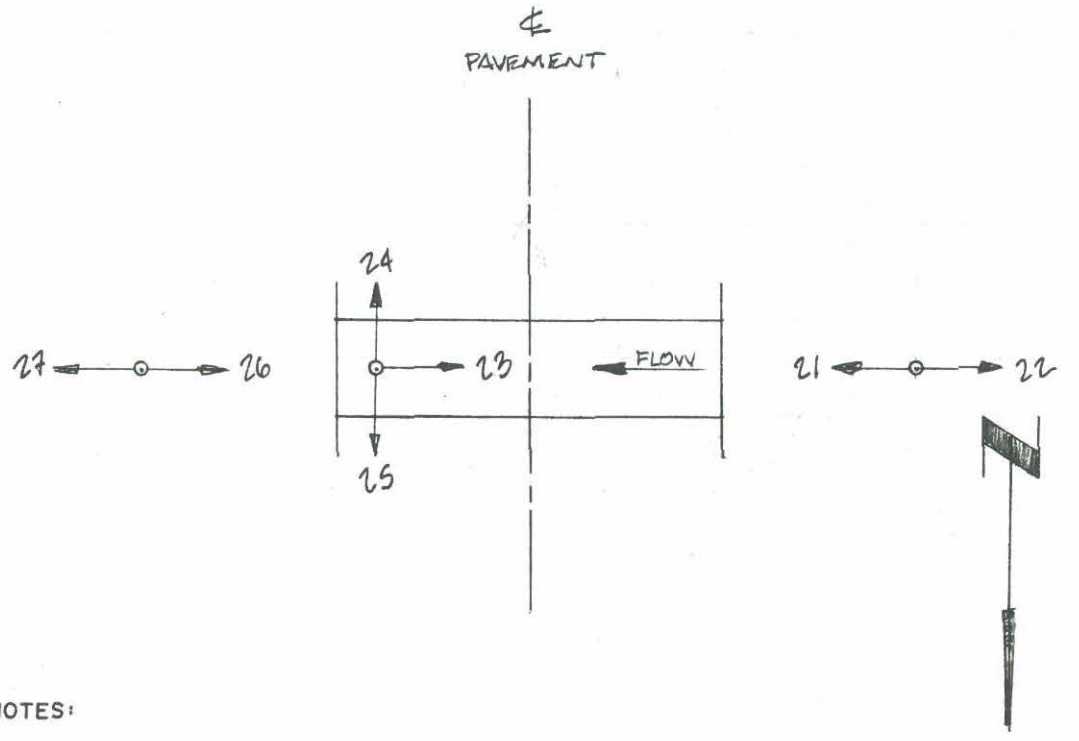
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

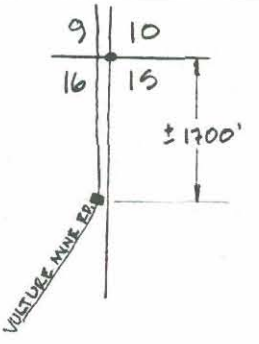
STRUC. NO. AC-14

DIRECTION OF PHOTO ⟶ 7 & FRAME NO.

ROLL NO. 32



SPECIAL NOTES:



LOCATION MAP

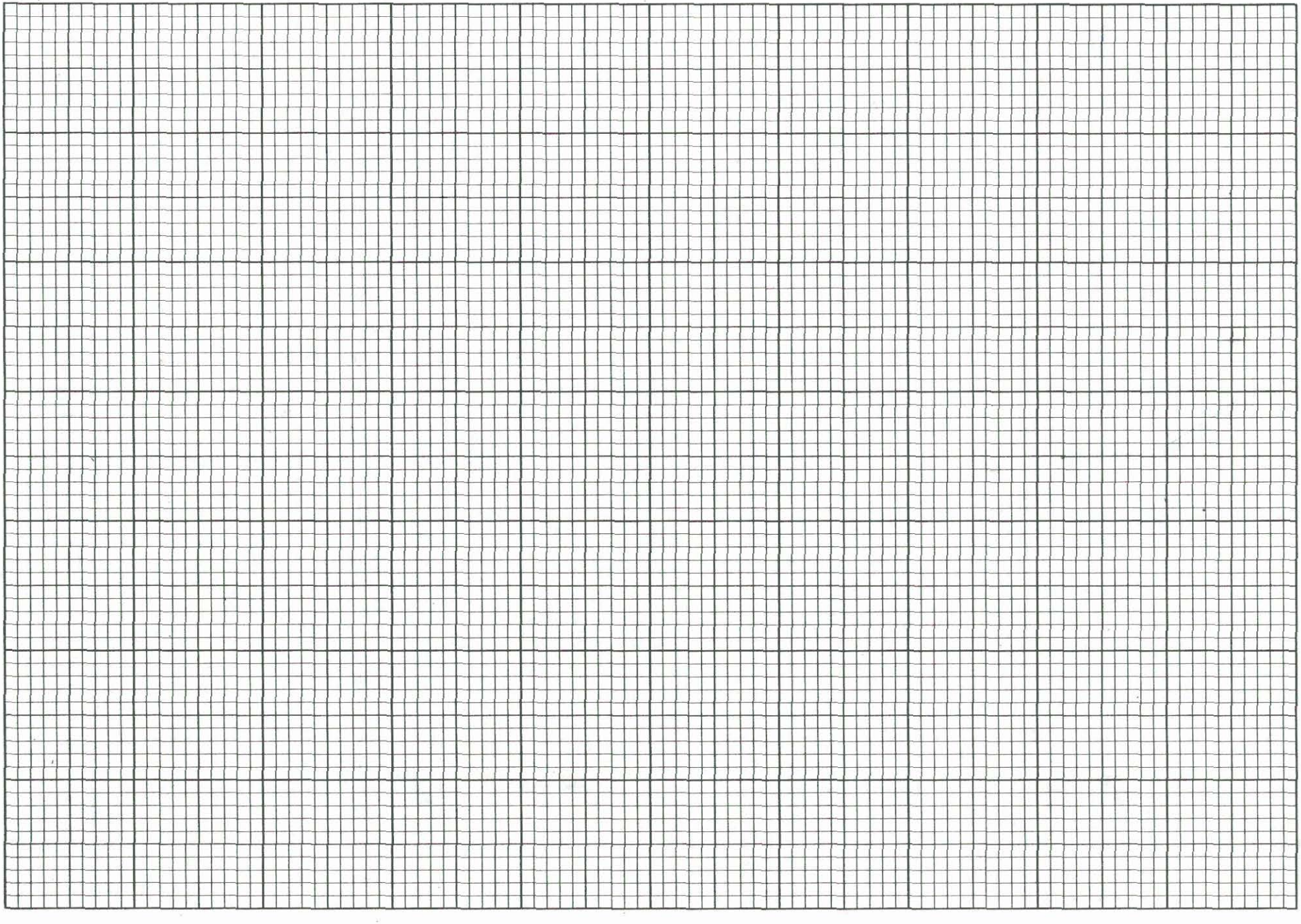
T. 7N., R. 5W.

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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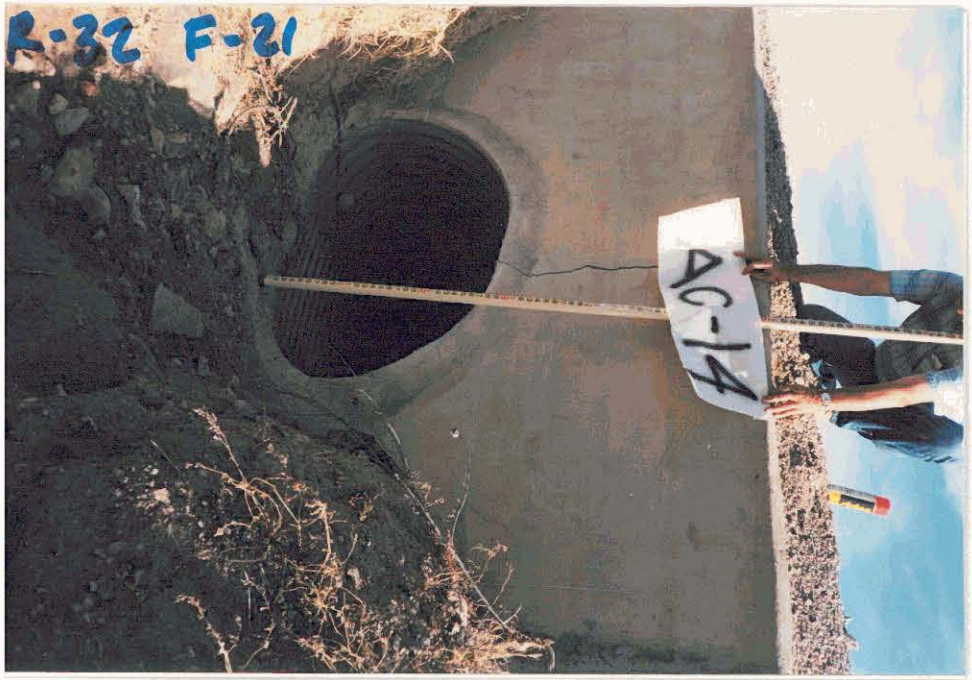
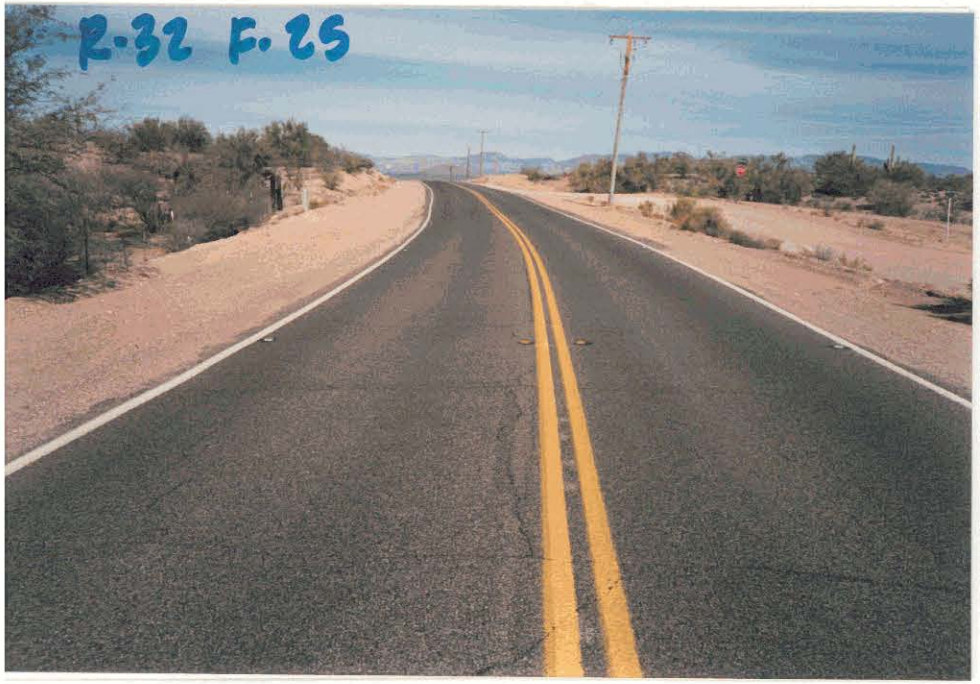
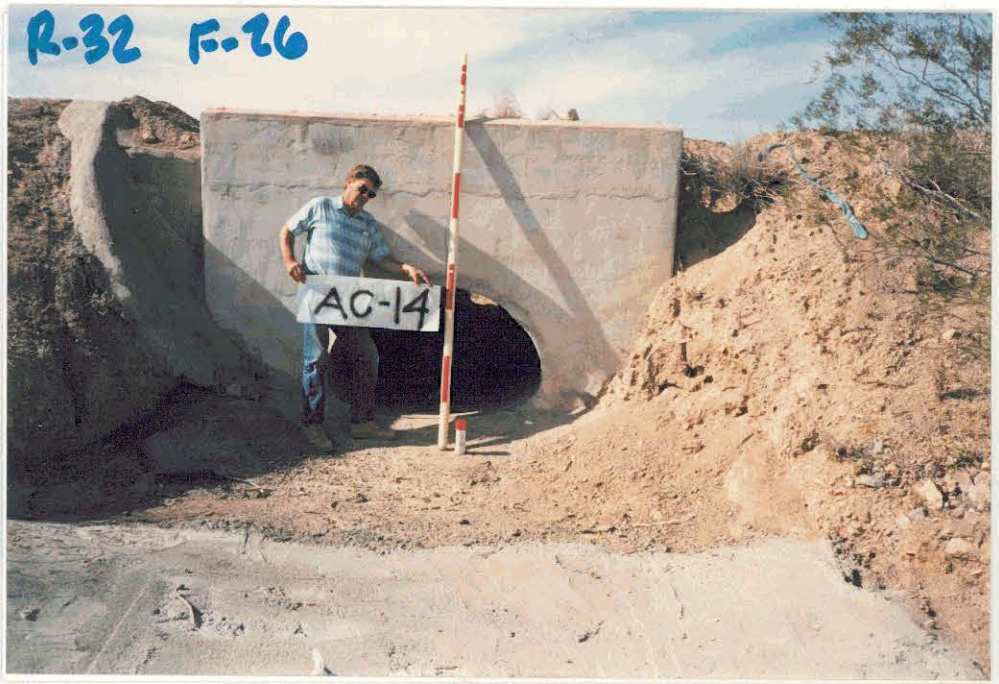
STOCK# PPV840-000




R-32 F-25


R-32 F-26
AC-14

R-32 F-27

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AC-15

LOCATION/ADDRESS YAQUI ST., ± 200 FT. NORTH OF VISTA DR.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	1.5 FT.			C.O.W.
WOOD B.				
OTHER				

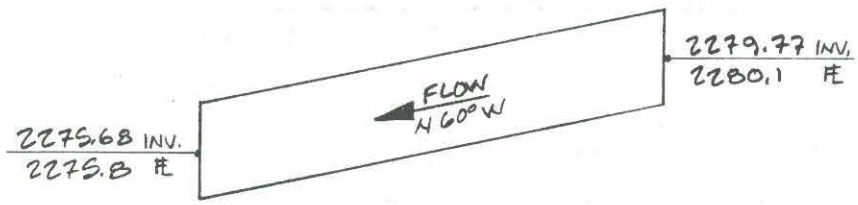
STRUC. COND.: GOOD ■, FAIR □, POOR □

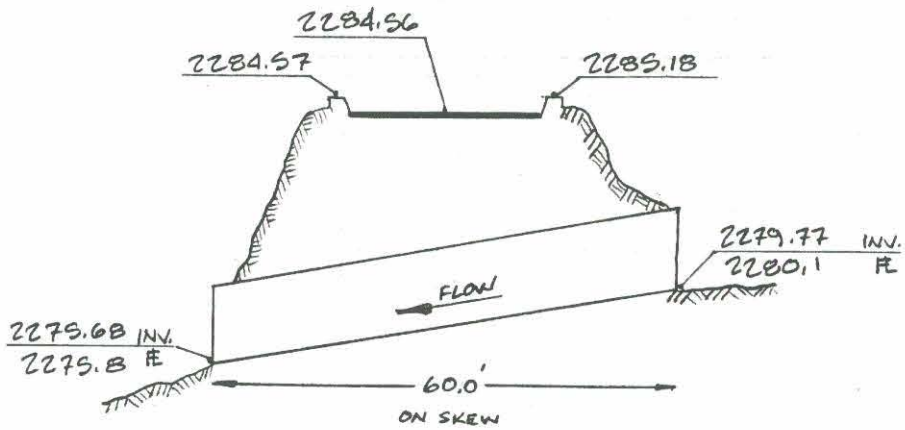
HEADWALLS : YES □, NO ■, COND. ____

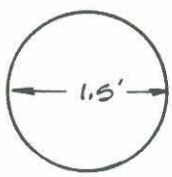
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 5.4 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AC-15	5.31			2284.57
A		10.11	2279.77	
B		9.8	2280.1	
C		4.70	2285.18	
D		5.32	2284.56	
E		5.31	2284.57	
F		14.20	2275.68	
G		14.3	2275.8	
T.P.		4.62		
T	4.14			
TBM AC-15		4.83	2284.57	2284.57

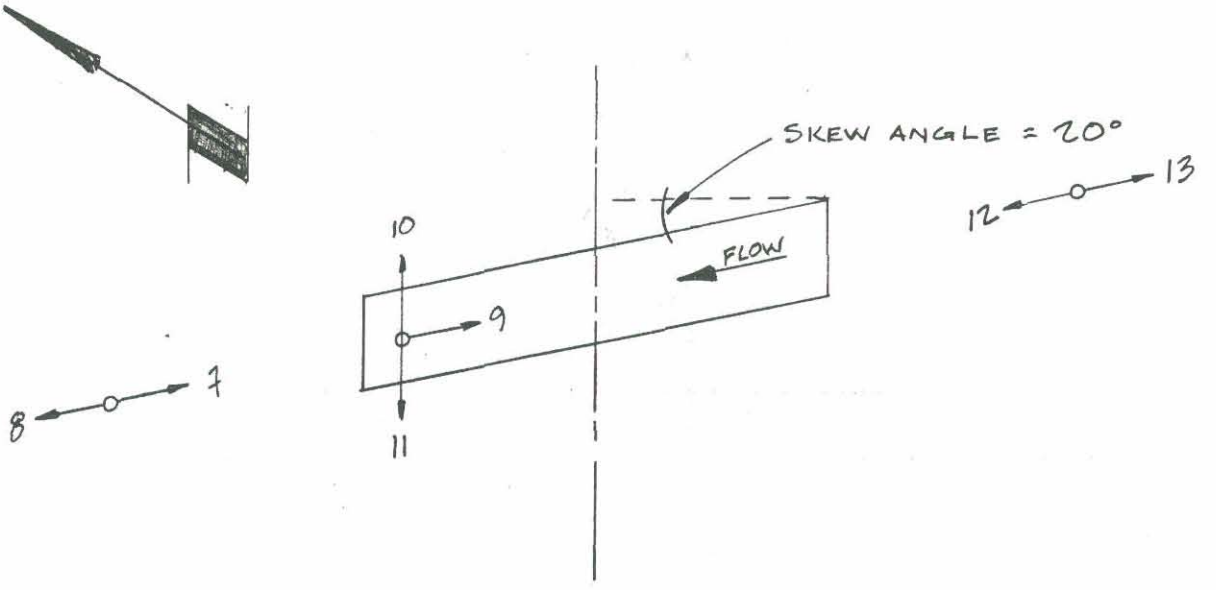
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

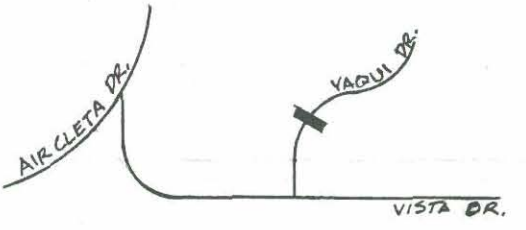
STRUC. NO. AC-15

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 32



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.



SEC. 10, T.7N., R.5W.

LOCATION MAP

DATE: DEC. 5 1990

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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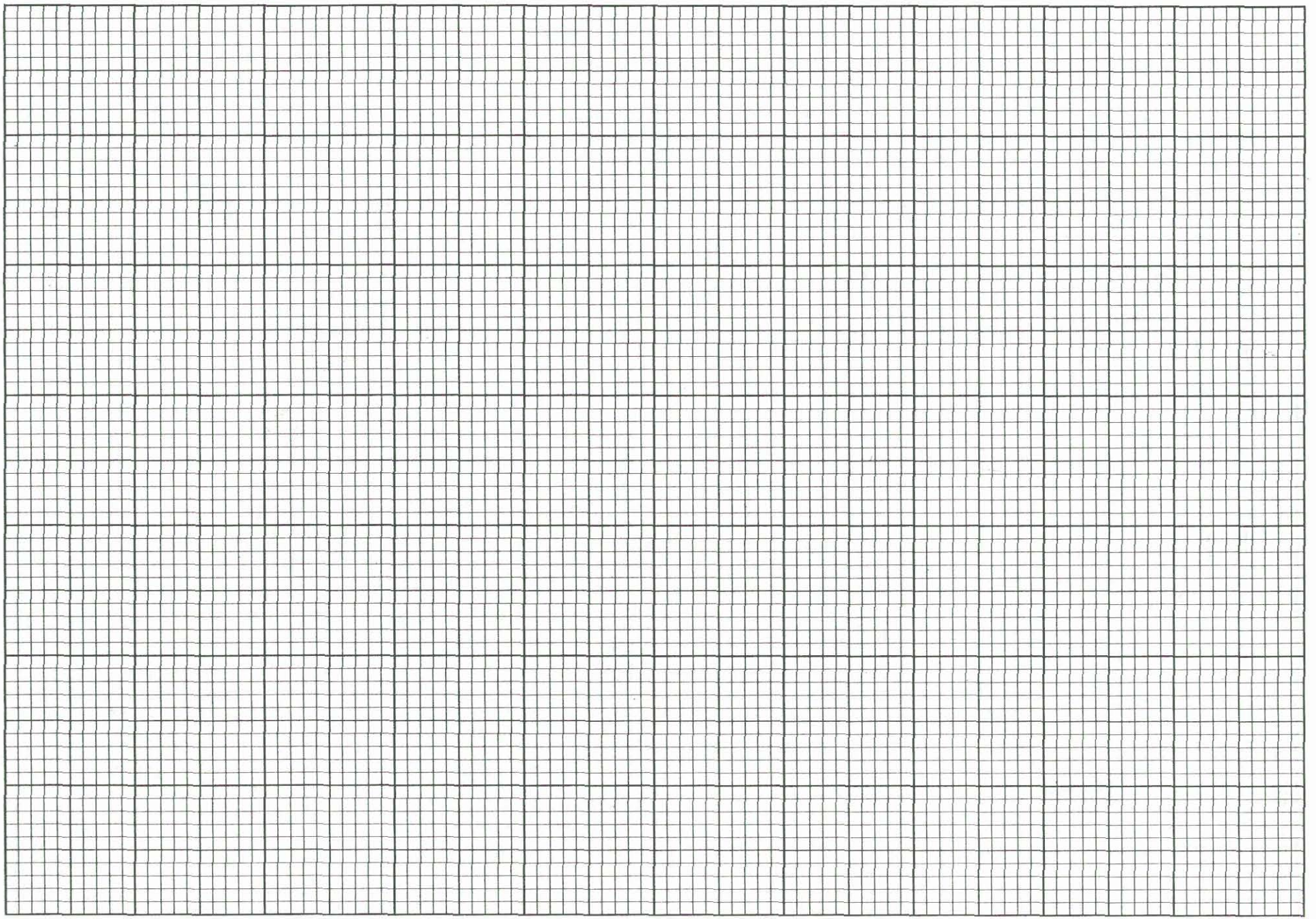

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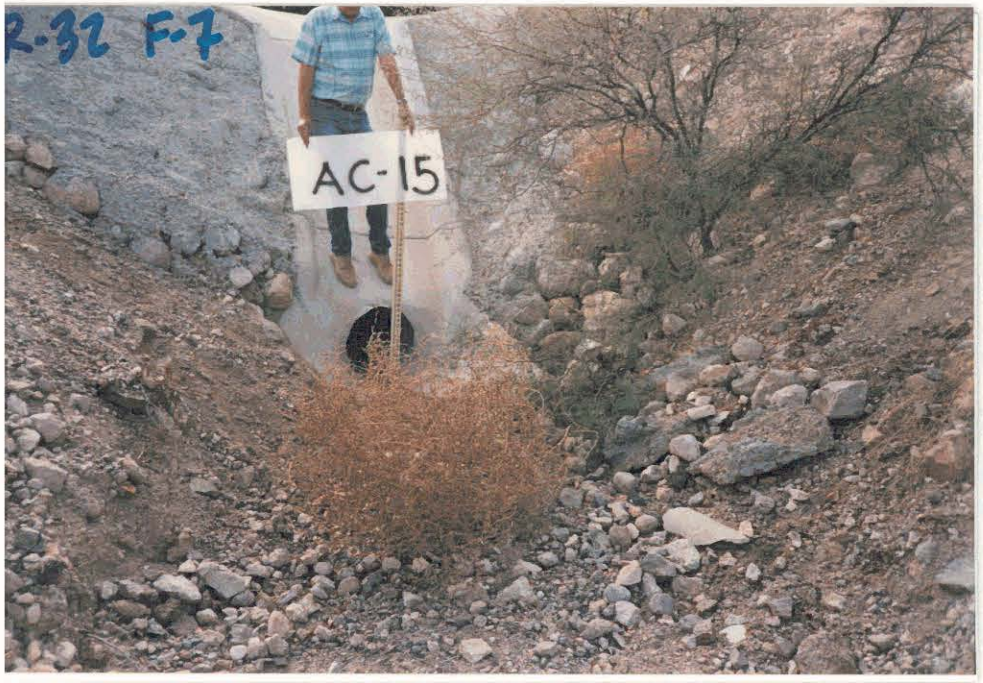
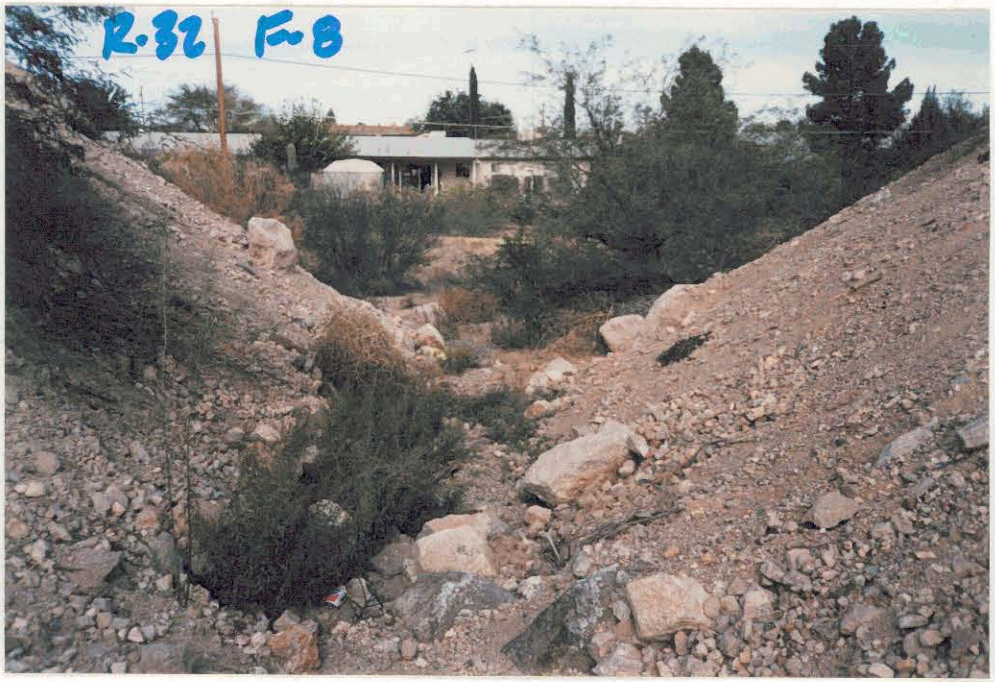
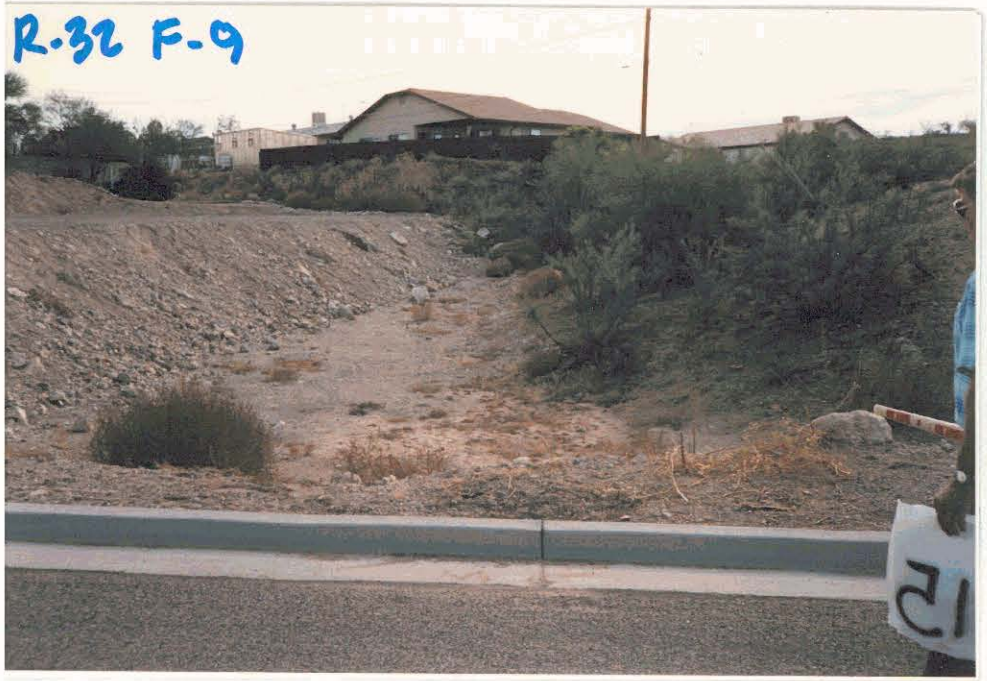






R-32 F-11

R-32 F-12
AC-15

R-32 F-13

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-1

LOCATION/ADDRESS MARIPOSA RD. ± 30 FT. NORTH OF AMERICA ST..

NAME OF WASH AD

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT.	C.O.W.
WOOD B.				
OTHER				

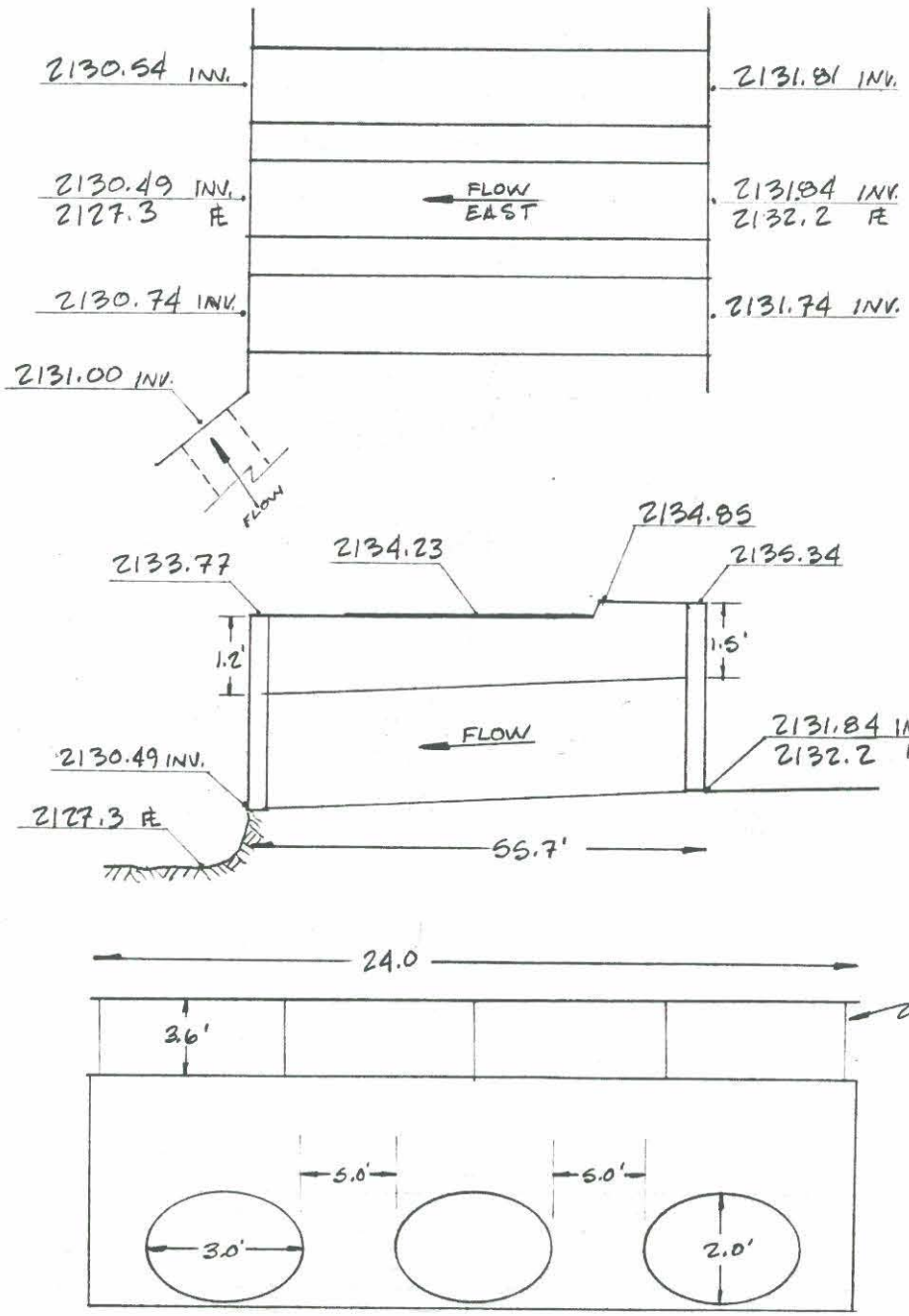
STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS : YES ■, NO □, COND. GOOD

WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.6 FT.

NO. OF SPANS OR BARRELS: 3



SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM JJJ	7.06			2134.28
A		9.60	2131.74	
B		9.50	2131.84	
C		9.53	2131.81	
D		9.11	2132.2	
E		6.00	2135.34	
F		6.49	2134.85	
G		7.11	2134.23	
H		7.57	2133.77	
I		10.34	2131.00	
J		10.60	2130.74	
K		10.85	2130.49	
L		10.80	2130.54	
M		14.10	2127.3	
T.P.		7.53		
TBM JJJ	7.25	6.78	2134.28	2134.28

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

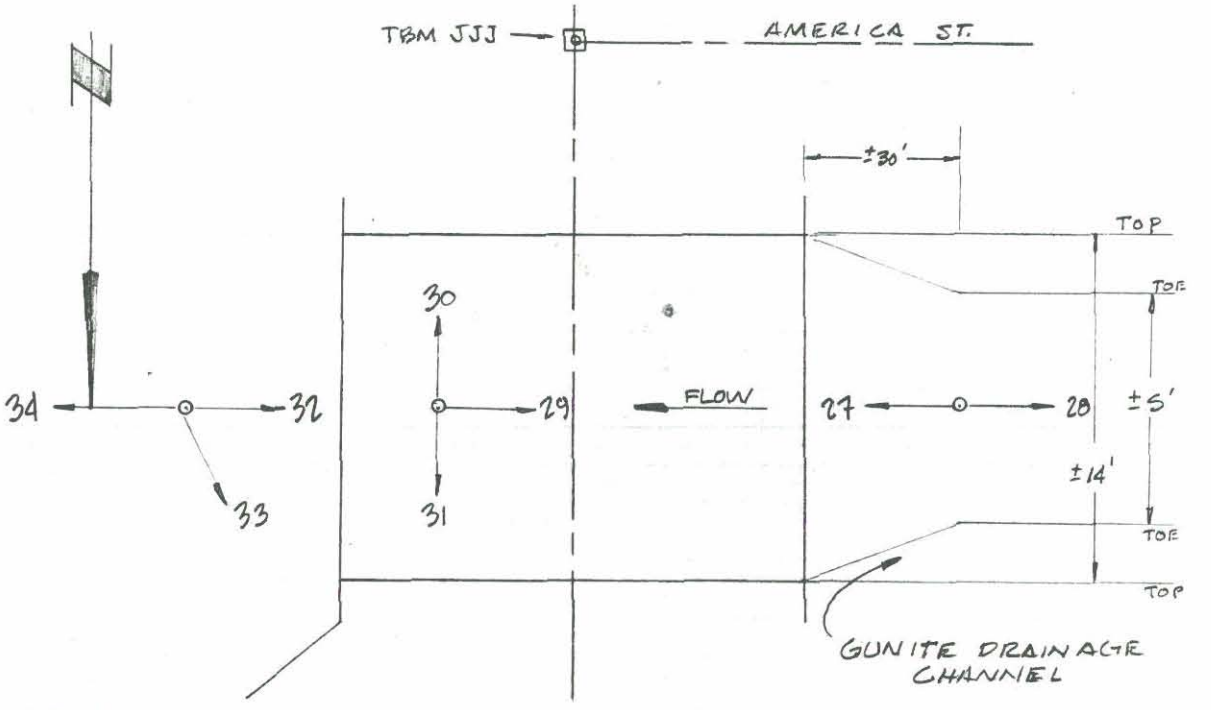
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-1

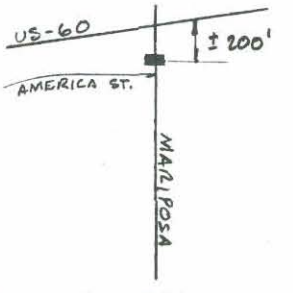
DIRECTION OF PHOTO ○——→ 7 & FRAME NO.

ROLL NO. 12



SPECIAL NOTES:

BUILD-UP OF SAND @ UP-STREAM END OF STRUCTURE IN BOTTOM OF GUNITE DRAINAGE CHANNEL.



SECTION 11 T.7N., R.5W.

LOCATION MAP

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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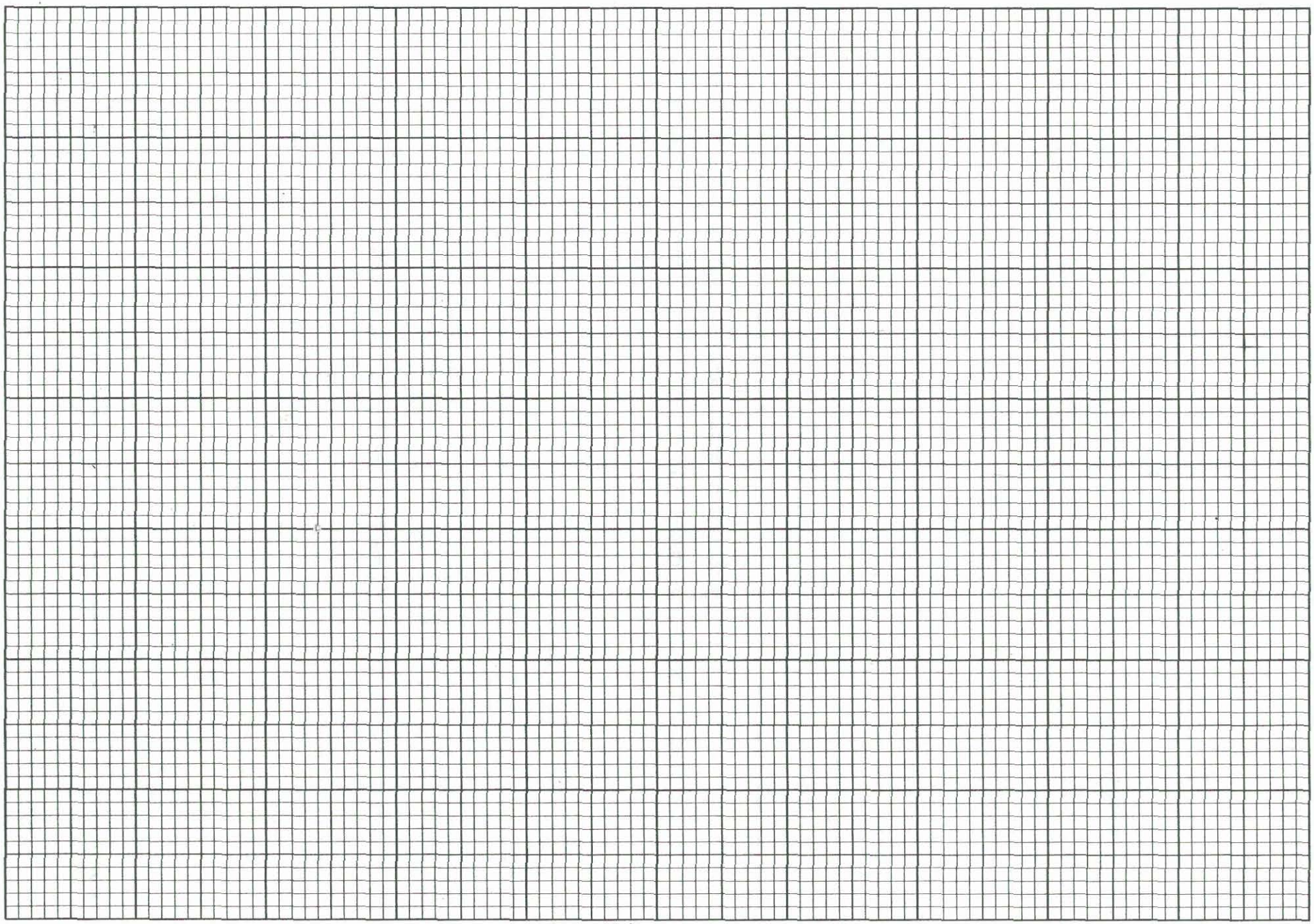

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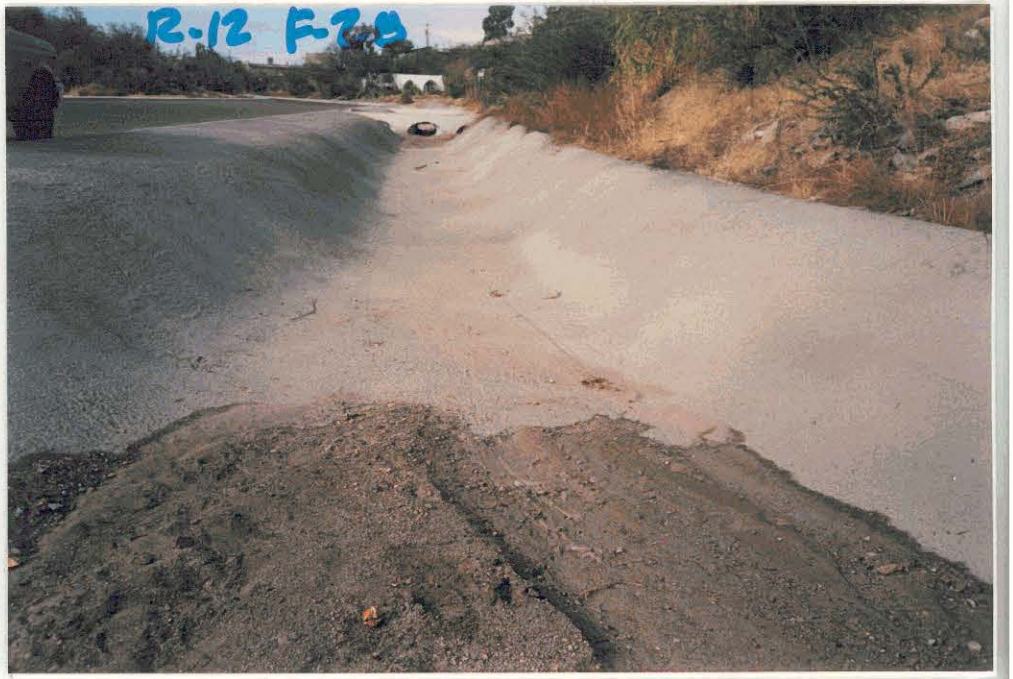
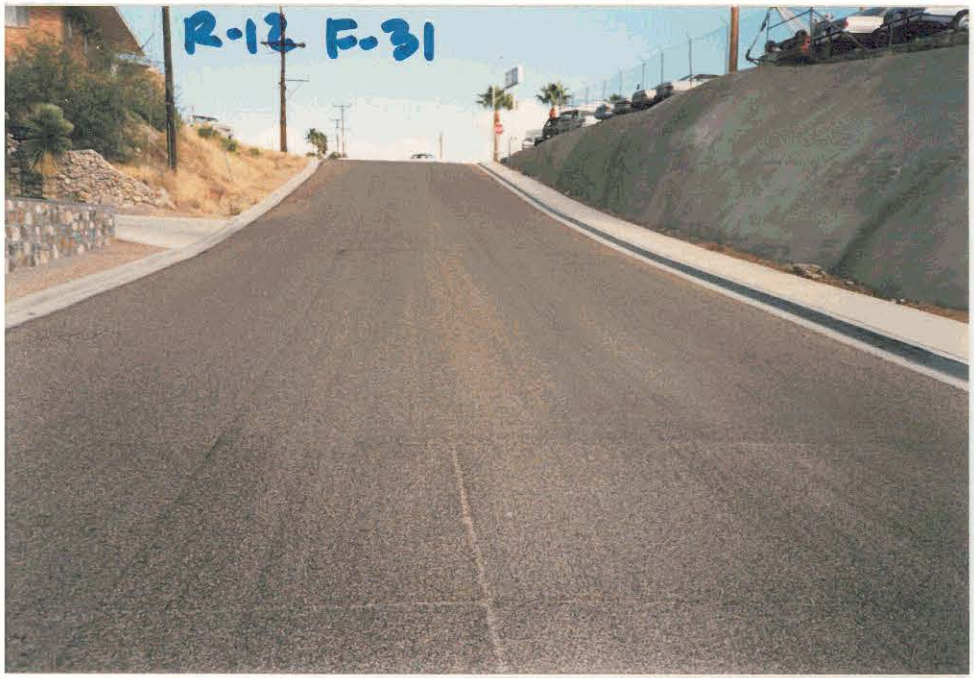
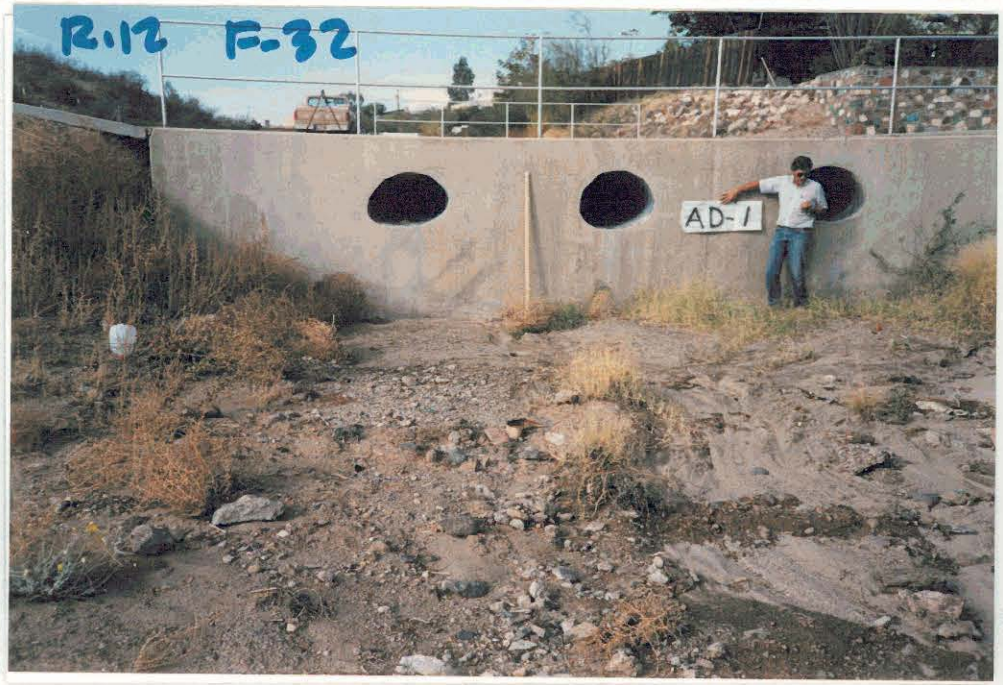
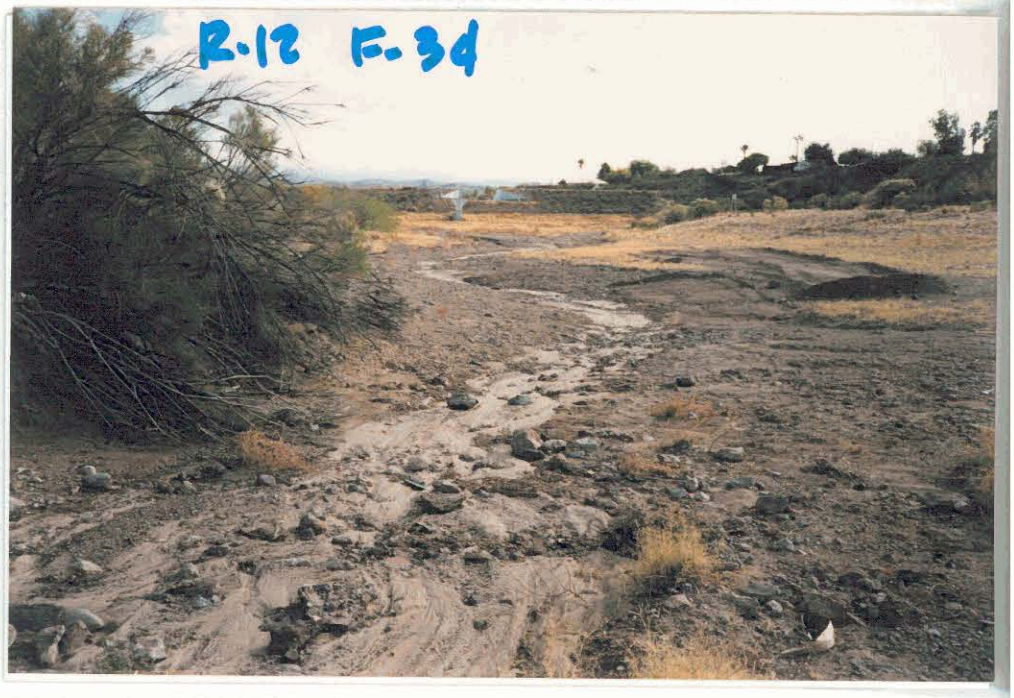
STOCK# PPV840-000




R-12 F-31


R-12 F-32
AD-1

AD-1


R-12 F-34

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-2

LOCATION/ADDRESS N. SIDE OF AMERICA ST. ± 200 FT. WEST OF MARIPOSA.

NAME OF WASH AD

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT	C.O.W.
WOOD B.				
OTHER				

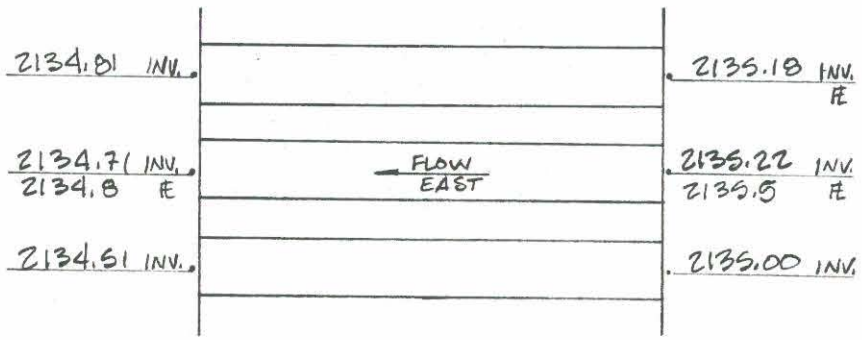
STRUC. COND.: GOOD ■, FAIR □, POOR □

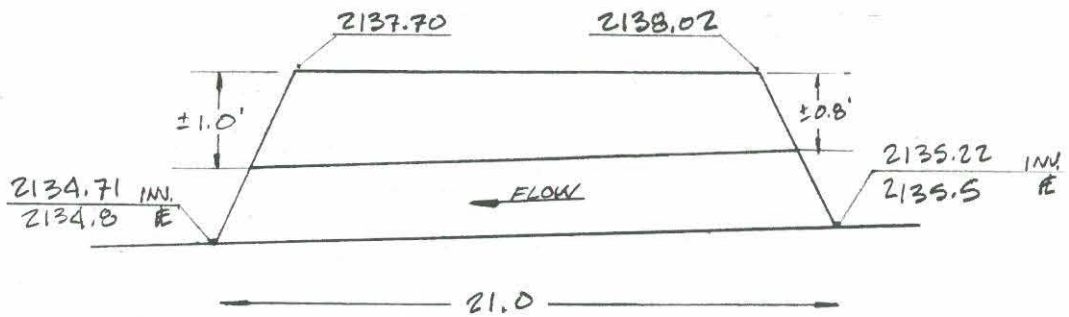
HEADWALLS : YES ■, NO □, COND. GOOD

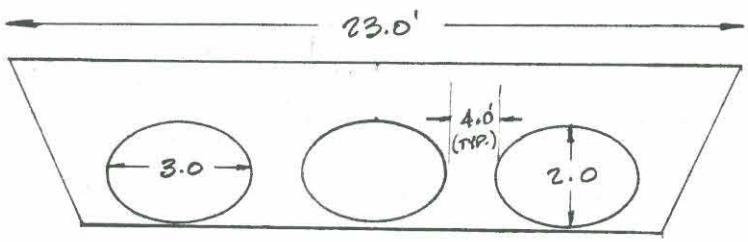
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 2.8 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCH MARK
TBM JJJ	9.12			2134.28
A		8.40	2135.00	
B		8.18	2135.22	
C		8.22	2135.18	
D		7.9	2135.5	
E		5.38	2138.02	
F		5.70	2137.70	
G		8.89	2134.51	
H		8.69	2134.71	
I		8.59	2134.81	
J		8.6	2134.8	
TBM AP-3		3.50	2139.90	
K	3.04			
TBM JJJ		8.65	2134.29	2134.28

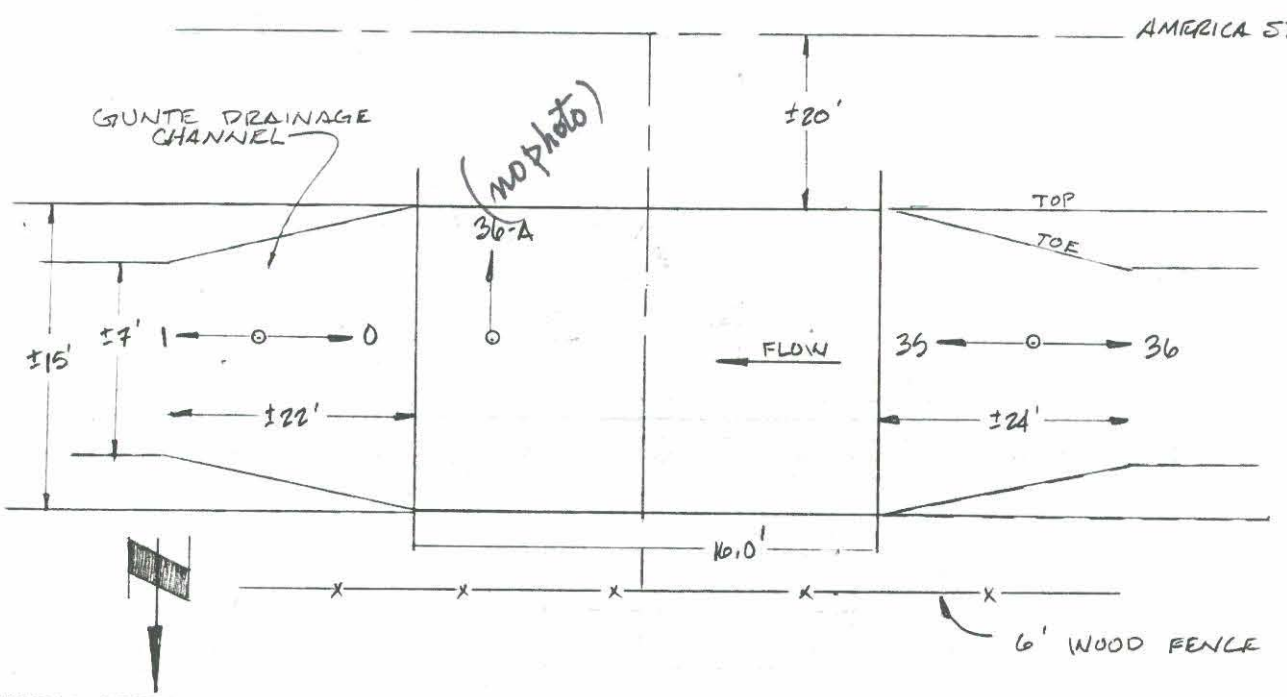
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

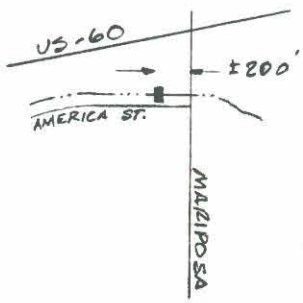
STRUC. NO. AD-2

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 12 & 13



SPECIAL NOTES:

BUILD UP OF SAND @ UP & DOWN-STREAM ENDS OF STRUCTURE IN THE BOTTOM OF GUNITE DRAINAGE CHANNEL.



SECTION 11, T. 7 N., R. 5 W.

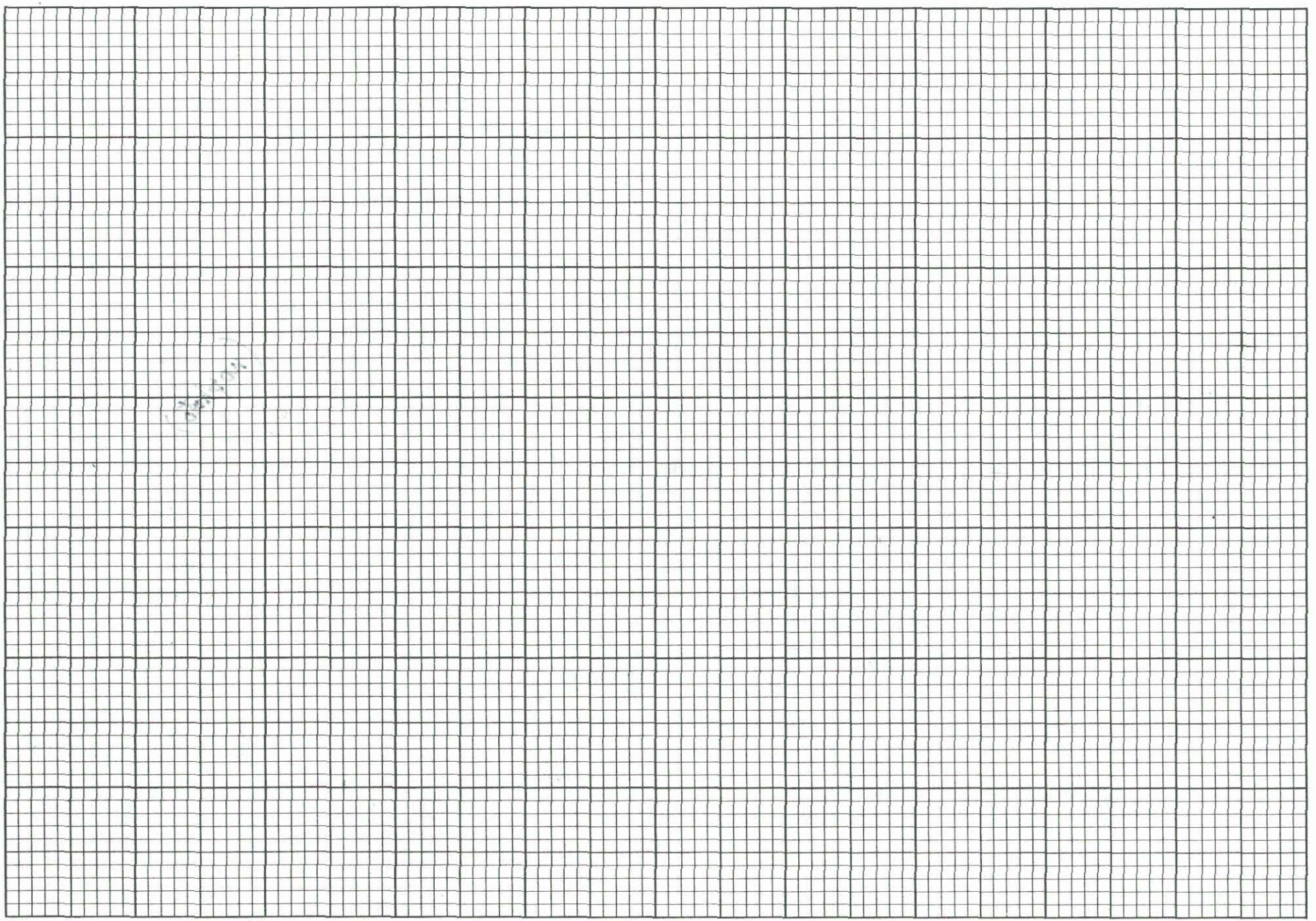
LOCATION MAP

DATE: NOV. 21. 1990

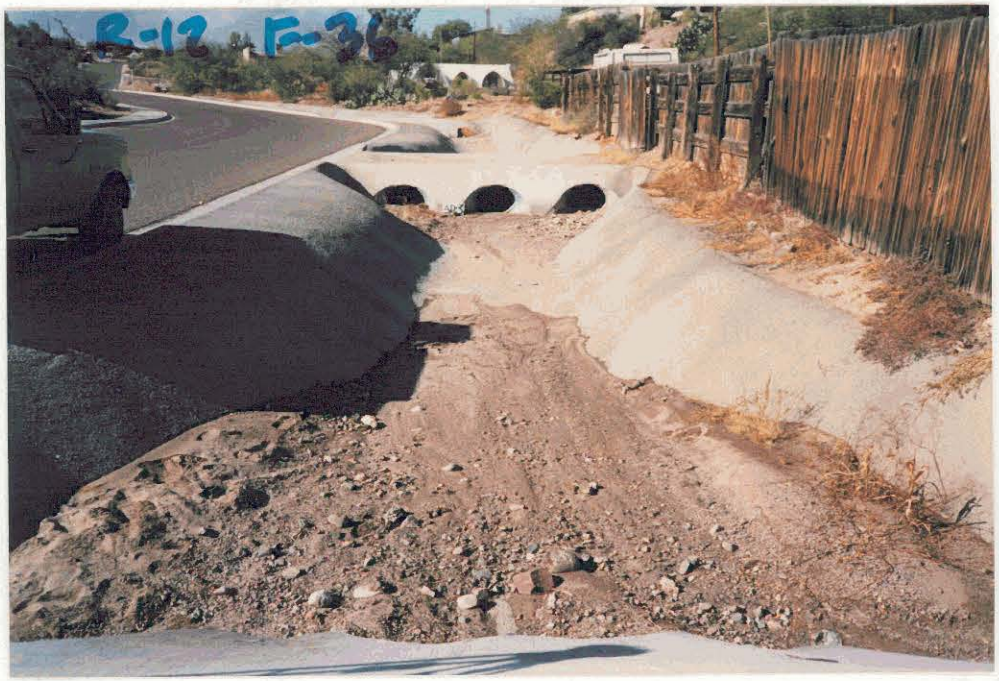
McLAIN HARBERS CO., INC.

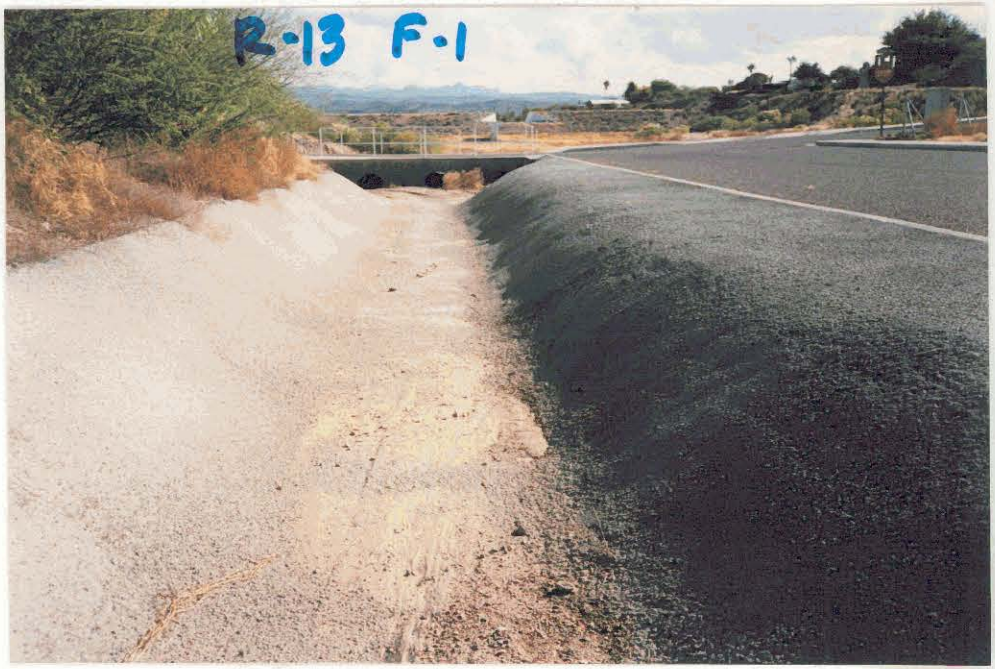
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



20th Century Plastics
1-800-767-0777
STOCK# PPV840-000





BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-3

LOCATION/ADDRESS N. SIDE OF AMERICA ST. ± 280 FT. WEST OF MARIPOSA.

NAME OF WASH AD

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT	C.O.W.
WOOD B.				
OTHER				

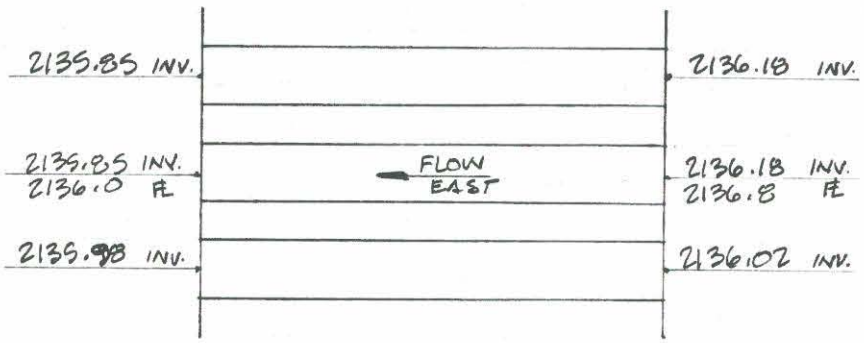
STRUC. COND.: GOOD ■, FAIR □, POOR □

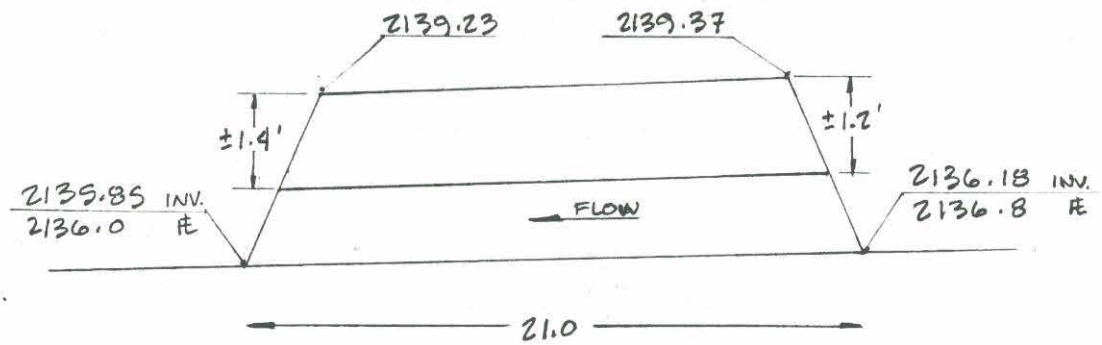
HEADWALLS : YES ■, NO □, COND. GOOD

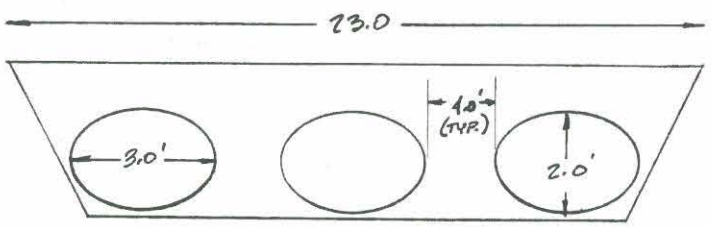
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.3 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM JJJ	9.12			2,134.28
A		7.38	2136.02	
B		7.22	2136.18	
C		7.22	2136.18	
D		6.6	2136.8	
E		4.03	2139.37	
F		4.17	2139.23	
G		7.42	2135.98	
H		7.55	2135.85	
I		7.55	2135.85	
J		7.4	2136.0	
TBM AD:3		3.50	2139.90	
⊼	3.04			
TBM-JJJ		8.165	2134.29	2134.28

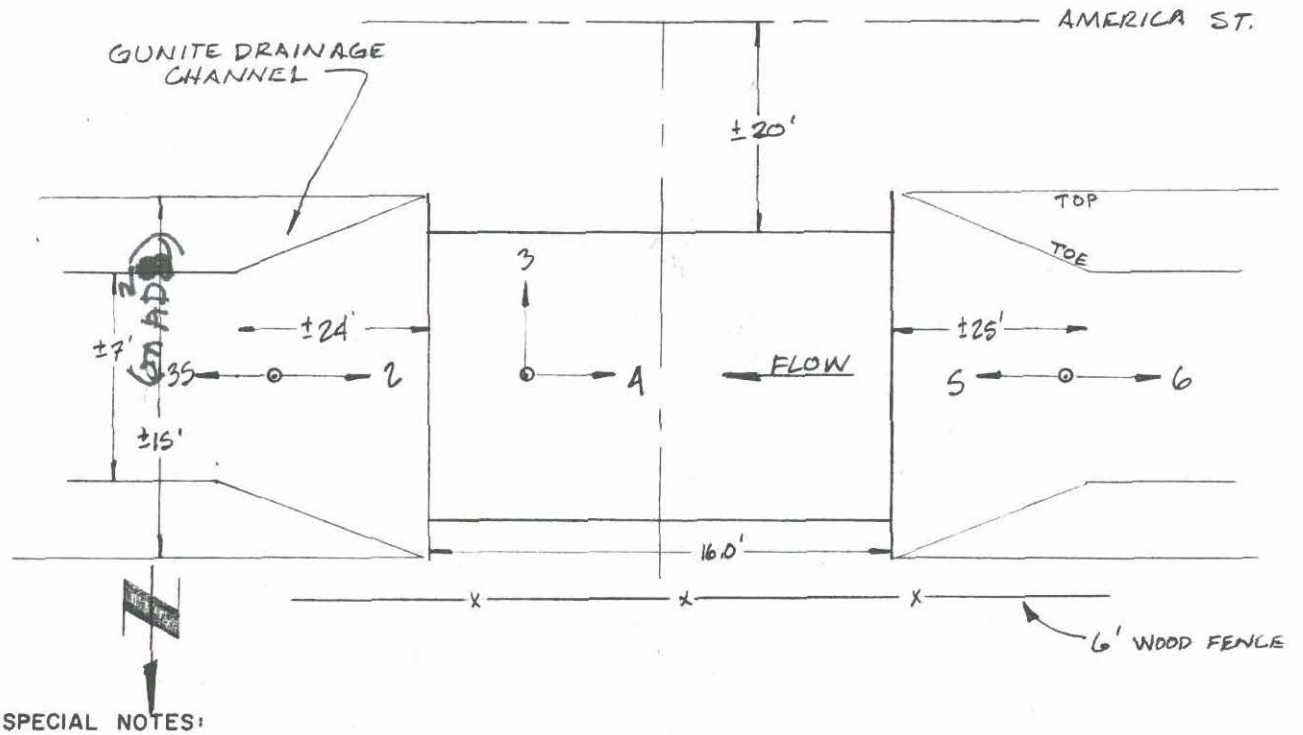
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-3

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 12 & 13



SPECIAL NOTES:

BUILD UP OF SAND @ UP & DOWNSTREM ENDS OF STRUCTURE IN THE BOTTOM OF GUNITE DRAINAGE CHANNEL.

SECTION 11, T.7N., R.5W.

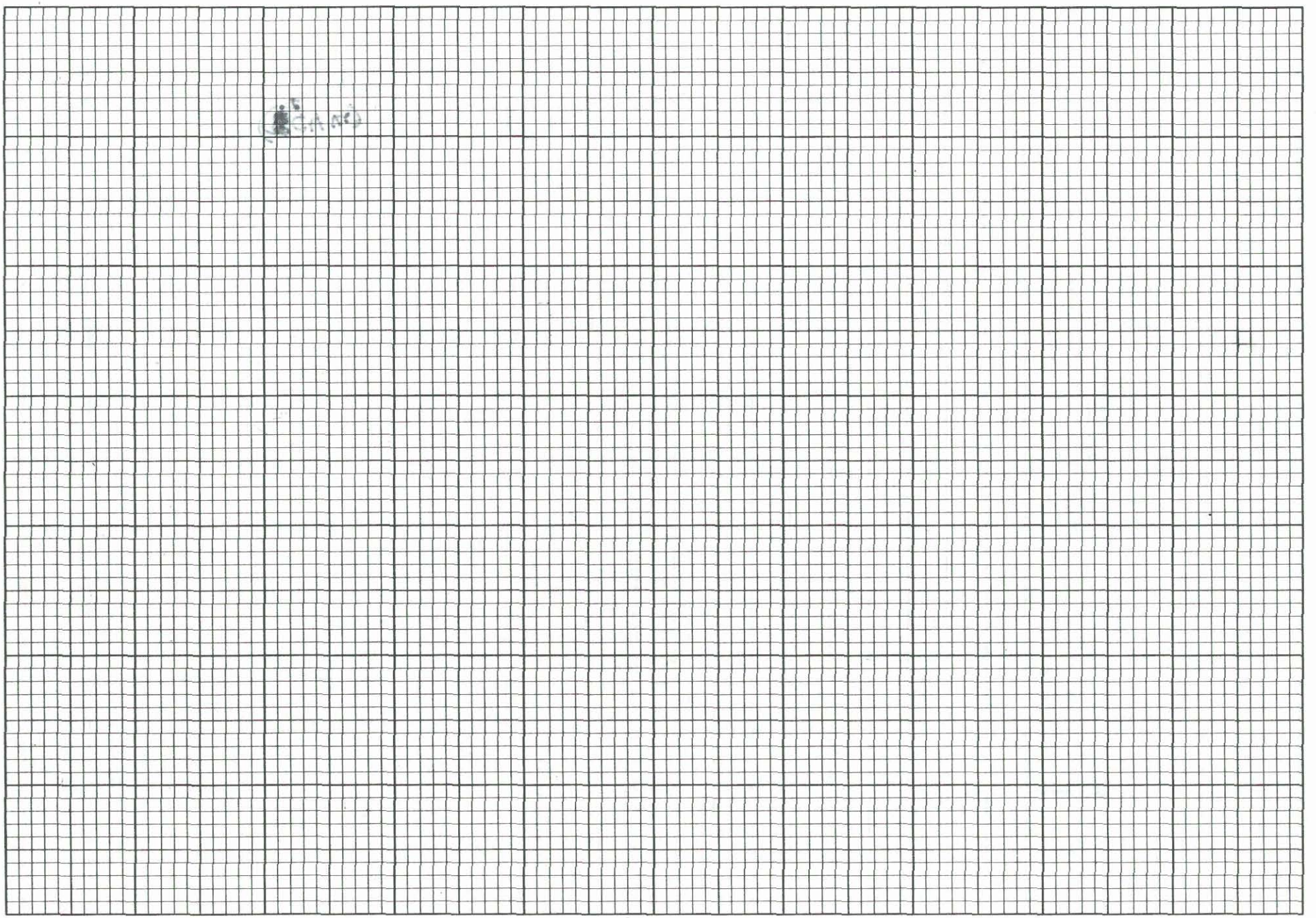
LOCATION MAP

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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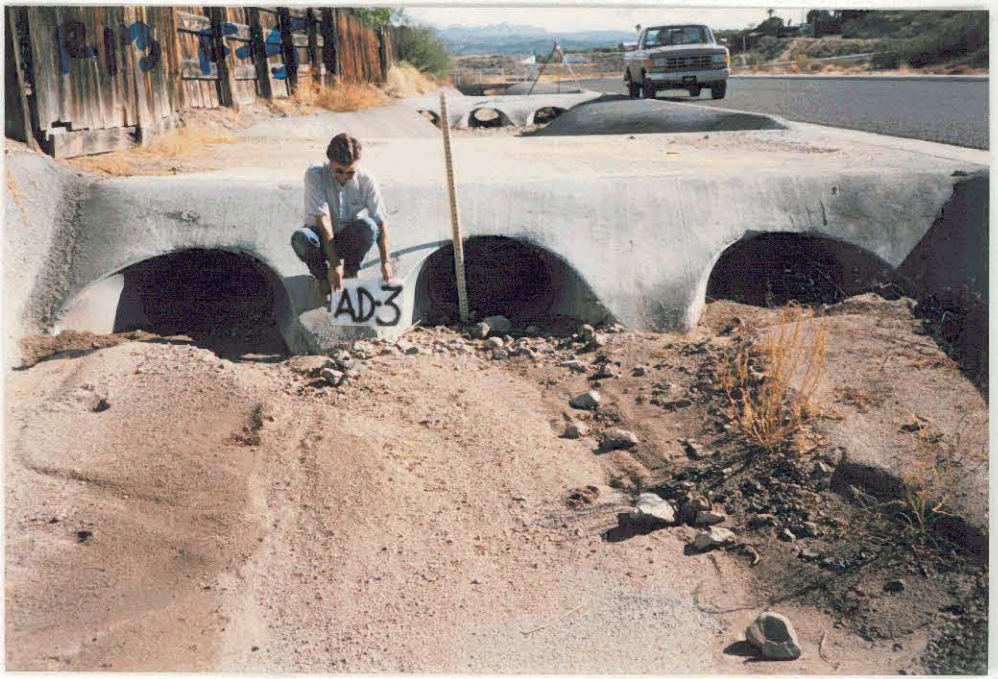
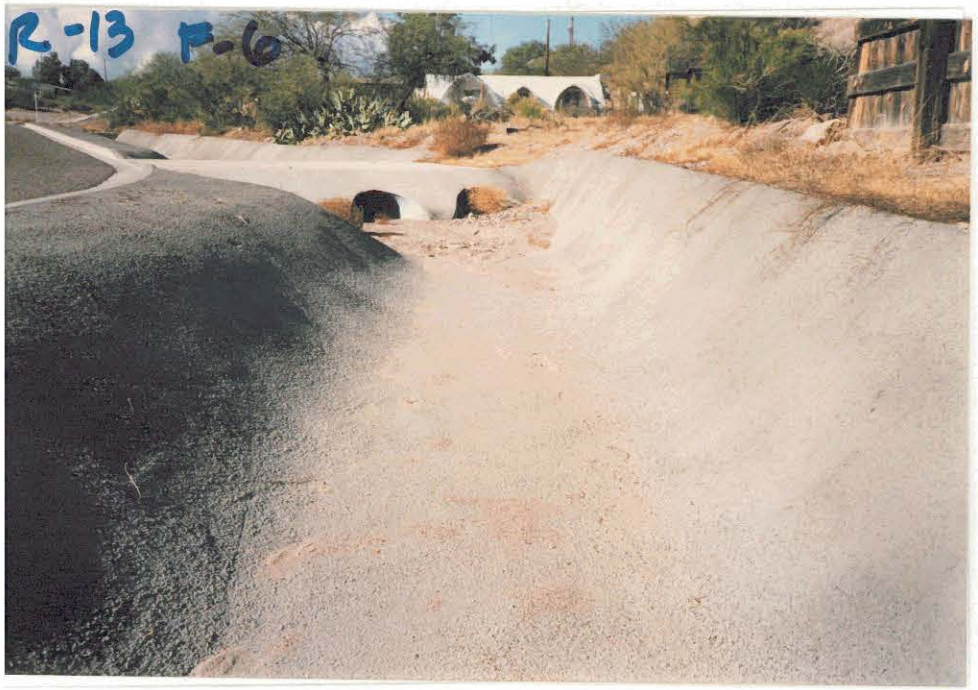



R-13 F-6

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-4

LOCATION/ADDRESS N. SIDE OF AMERICA ST. ± 400 FT. WEST OF MARIPOSA.

NAME OF WASH AD

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	OVAL	3.0 FT	2.0 FT.	C.O.W.
WOOD B.				
OTHER				

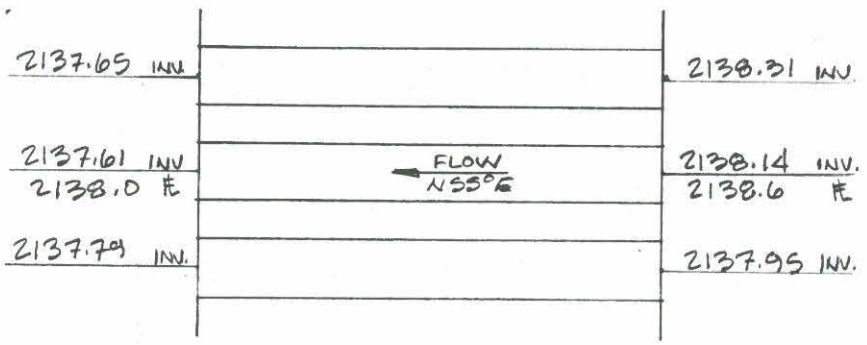
STRUC. COND.: GOOD ■, FAIR □, POOR □

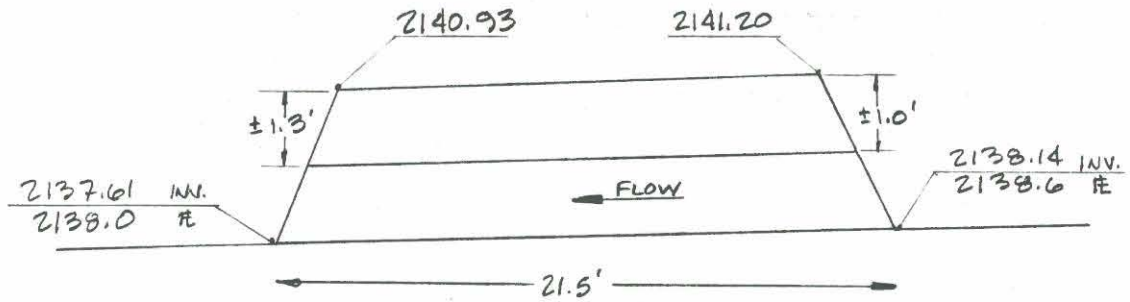
HEADWALLS : YES ■, NO □, COND. GOOD

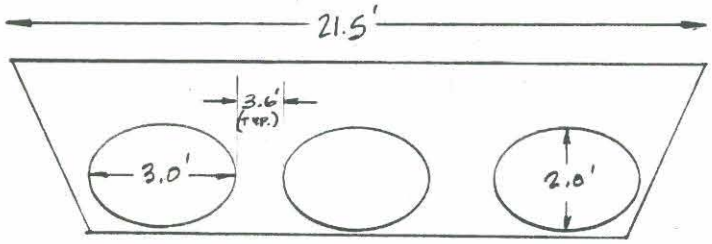
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.0 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AD-3	6.60			2139.90
A		8.55	2137.95	
B		8.36	2138.14	
C		8.19	2138.31	
D		7.9	2138.6	
E		5.30	2141.20	
F		5.57	2140.93	
G		8.74	2137.79	
H		8.89	2137.61	
I		8.85	2137.65	
J		8.5	2138.0	
TBM AD-4		4.79	2141.71	
Σ	4.35			
TBM. AD-3		6.16	2139.90	2139.90

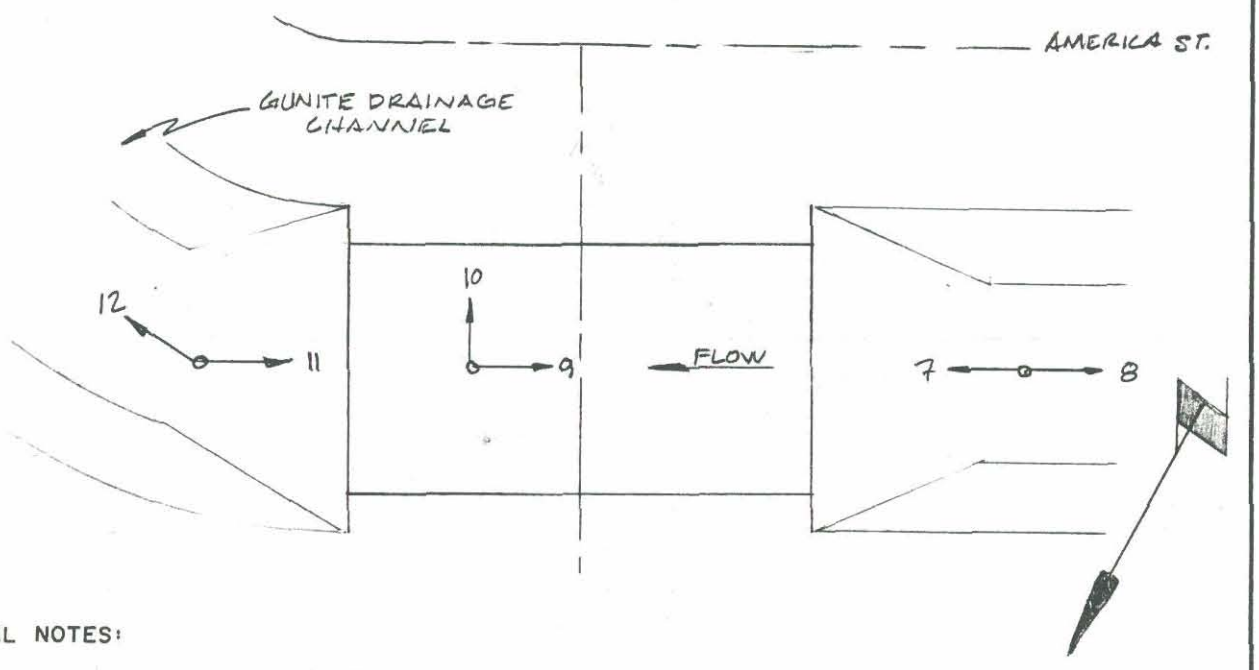
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

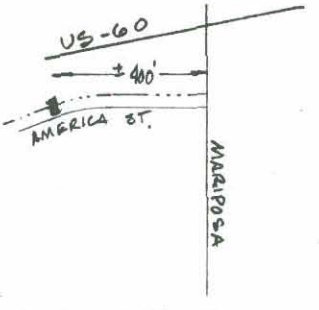
STRUC. NO. AD-4

DIRECTION OF PHOTO ○——► 7 & FRAME NO. ROLL NO. 13



SPECIAL NOTES:

BUILD UP OF SAND @ UP & DOWN-STREAM ENDS OF STRUCTURE IN THE BOTTOM OF GUNITE DRAINAGE CHANNEL.



SECTION 11, T. 7N., R. 5W.

LOCATION MAP

DATE: NOV. 21 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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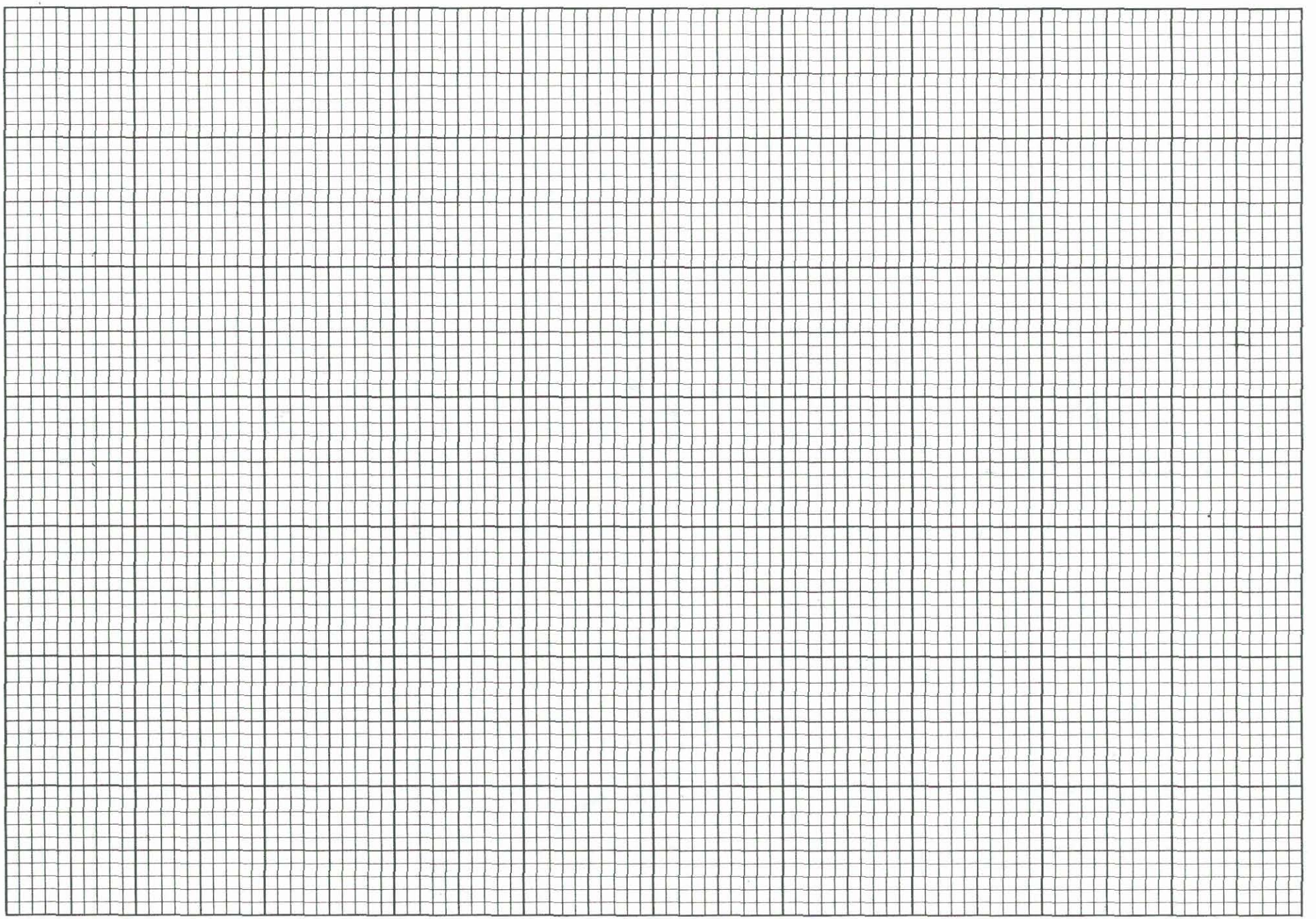

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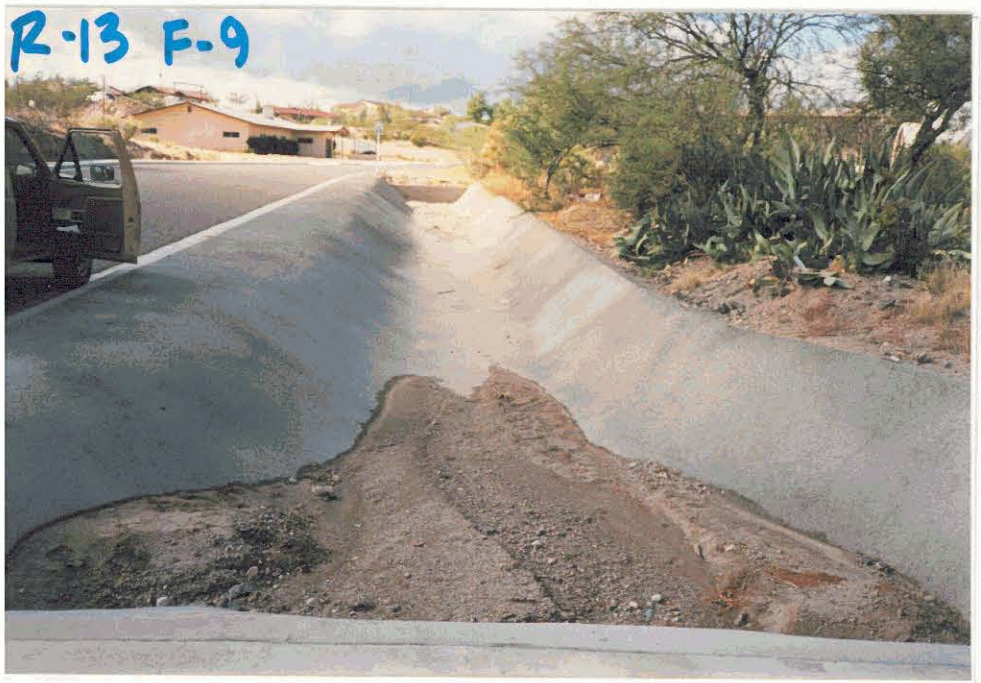
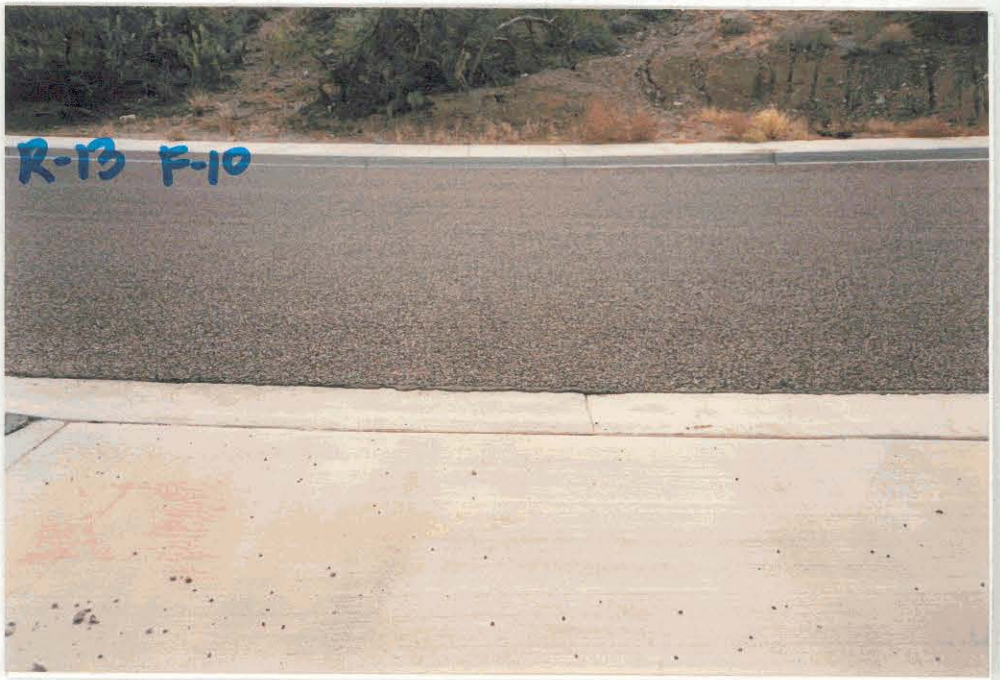
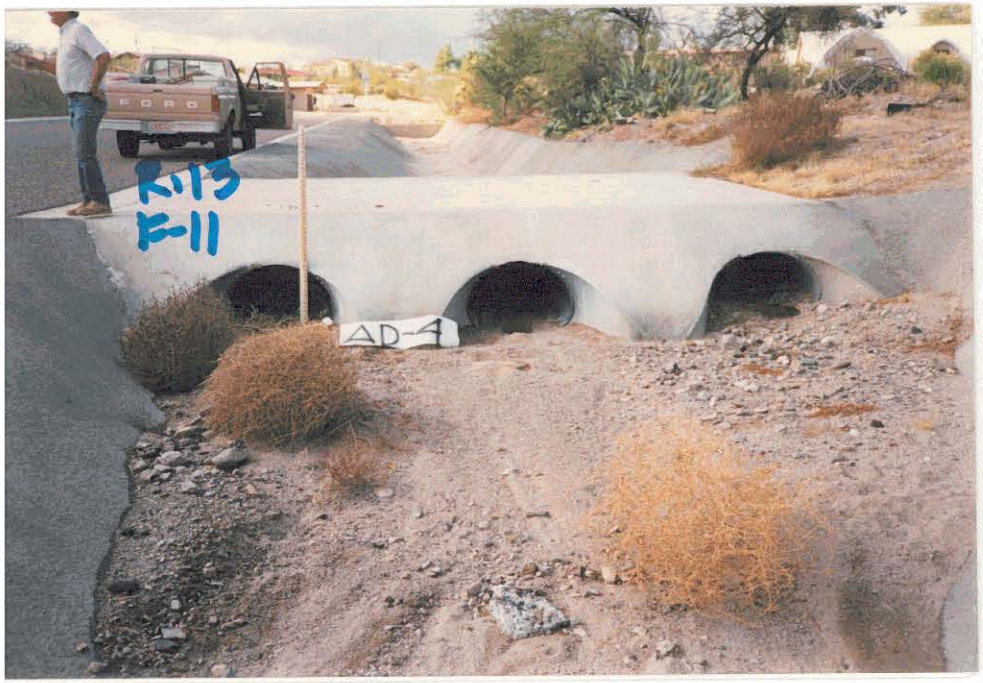





R13
E-11
AD-1

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-5

LOCATION/ADDRESS NORTH SIDE OF AMERICA ST. 1 700 FT. WEST OF MARIPOSA.

NAME OF WASH AD

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE		3.0 FT.	2.0 FT.	C.O.W.
C.M.P				
WOOD B.				
OTHER				

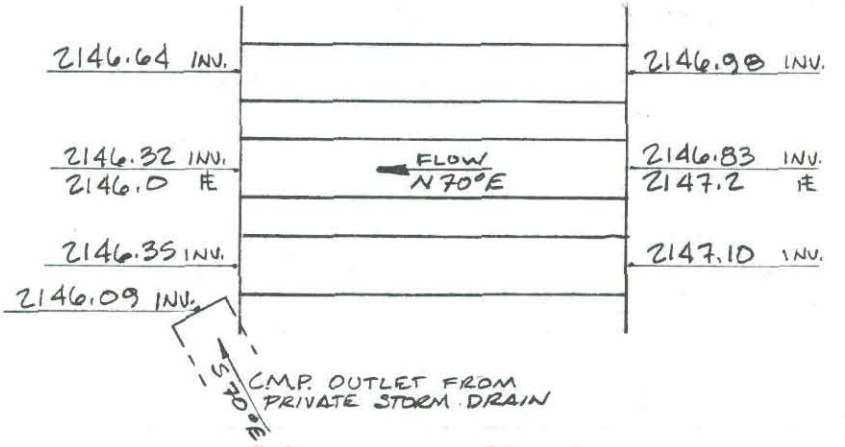
STRUC. COND.: GOOD ■, FAIR □, POOR □

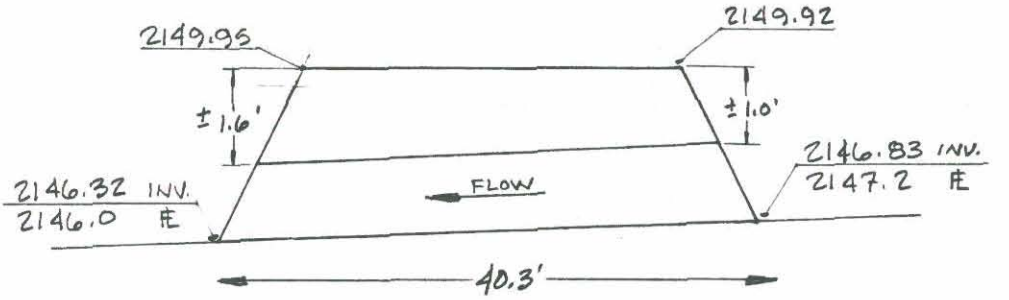
HEADWALLS : YES ■, NO □, COND. GOOD

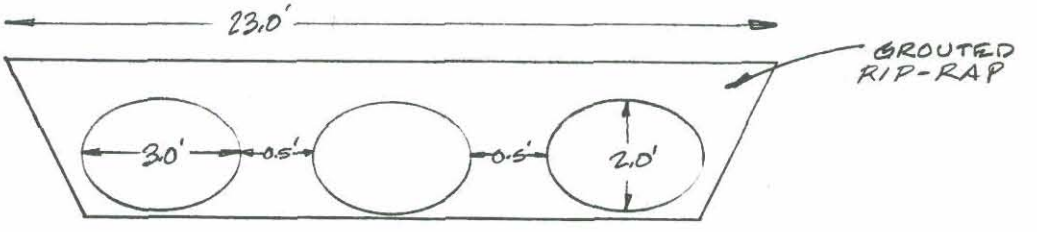
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 2.9 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 26 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AD-4	10.94			2141.71
A		5.55	2147.10	
B		5.82	2146.83	
C		5.5	2147.2	
D		5.67	2146.98	
E		2.73	2149.92	
F		2.70	2149.95	
G		6.56	2146.09	
H		6.30	2146.35	
I		6.33	2146.32	
J		6.7	2146.0	
K		6.01	2146.64	
TBM AD-5		4.80	2147.85	
A	4.73			
TBM AD-4		10.37	2141.71	2141.71

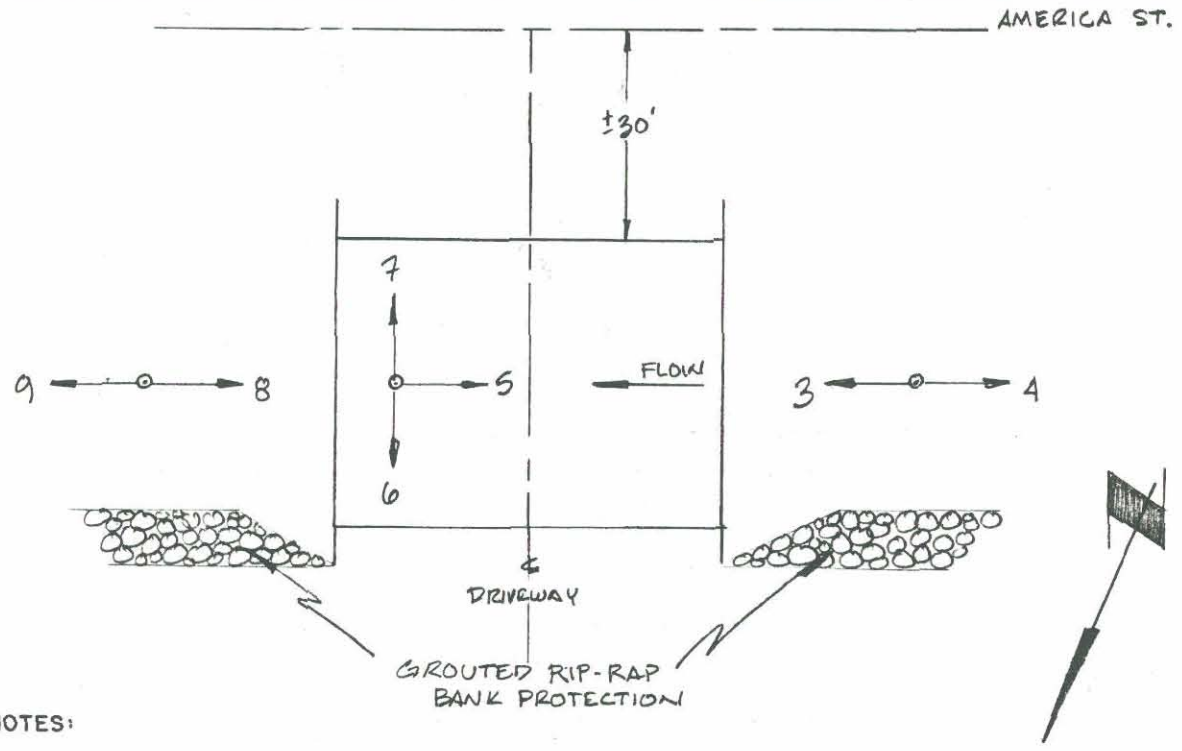
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-5

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 14



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF CONCRETE @ UP-STREAM END OF NORTHERN C.M.P..

SECTION 11, T.7N., R.5W.

LOCATION MAP

DATE: NOV. 26 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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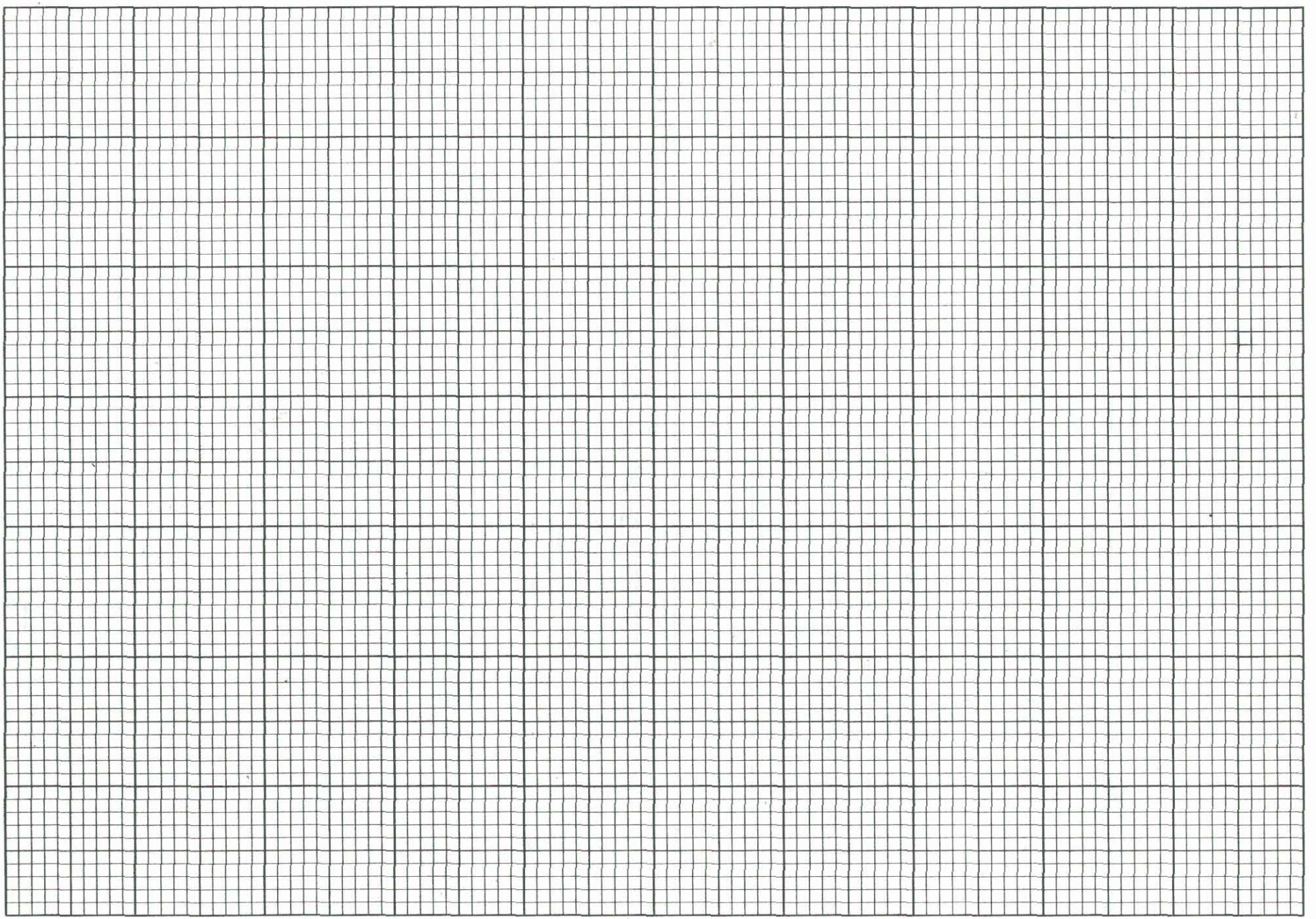

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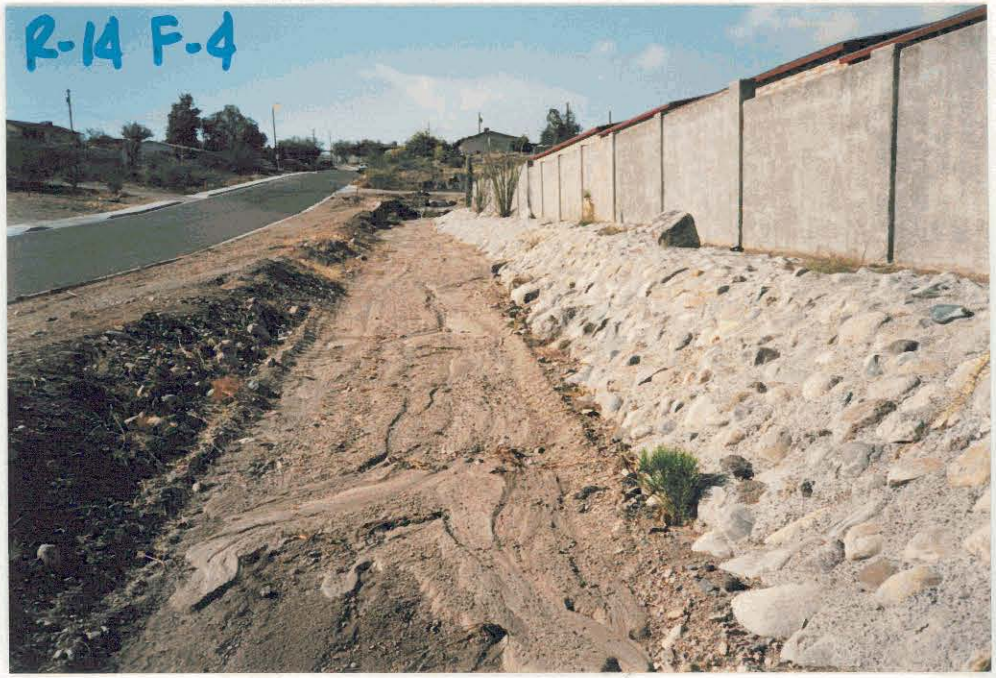
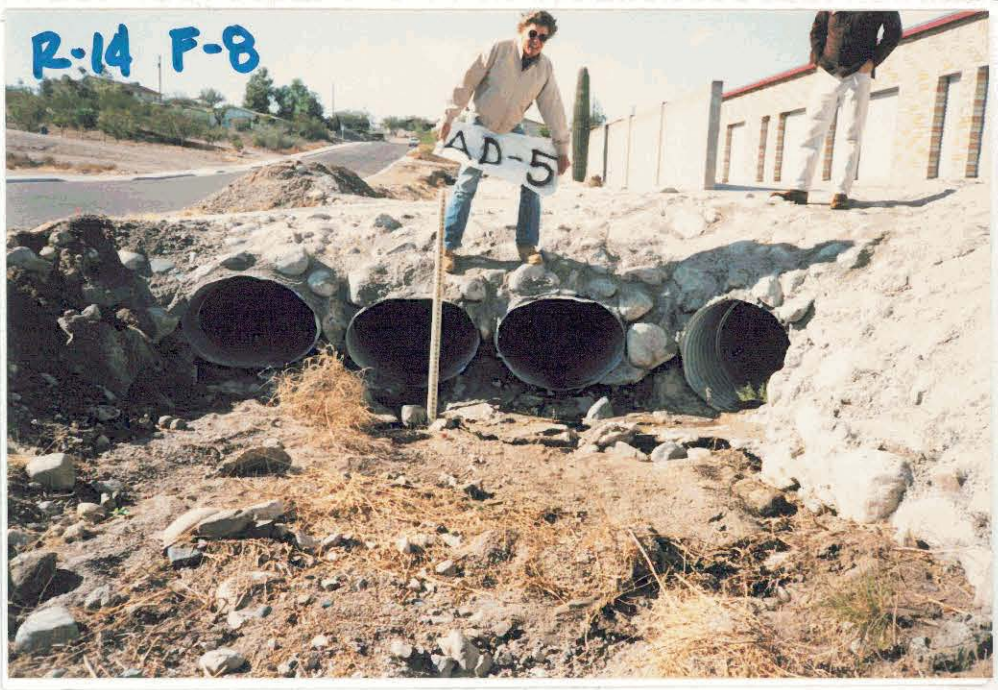


R-14 F-7


R-14 F-8
AD-5

F-9

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-6

LOCATION/ADDRESS AMERICA ST. ± 1000 FT. WEST OF MARIPOSA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			C.O.W.
WOOD B.				
OTHER				

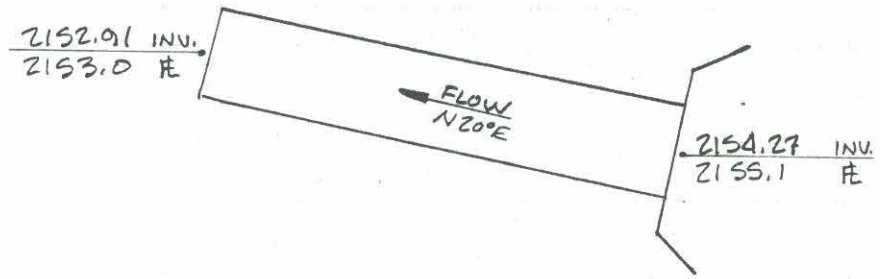
STRUC. COND.: GOOD ■, FAIR □, POOR □

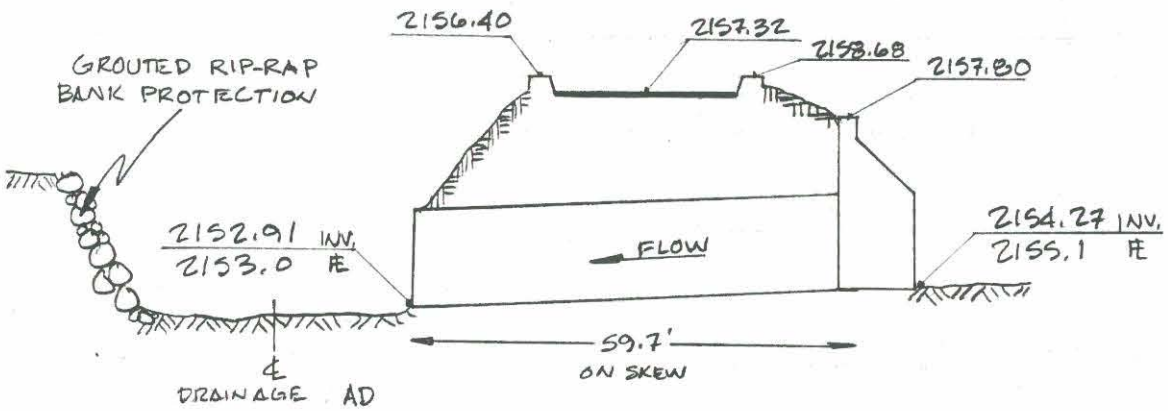
HEADWALLS : YES ■, NO □, COND. GOOD

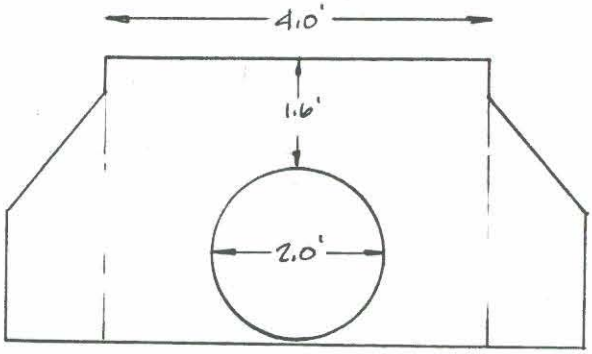
WINGWALLS : YES ■, NO □, COND. GOOD

DEPTH OF AVAILABLE HEADWATER: ± 4.4 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 26 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AD-5	15.15			2147.85
A		8.73	2154.27	
B		7.9	2155.1	
C		5.20	2157.80	
D		4.32	2158.68	
E		5.68	2157.32	
F		6.60	2156.40	
G		10.09	2152.91	
H		10.0	2153.0	
TBM AD-6		6.60	2156.40	
A	5.61			
TBM AD-5		14.17	2147.84	2147.85

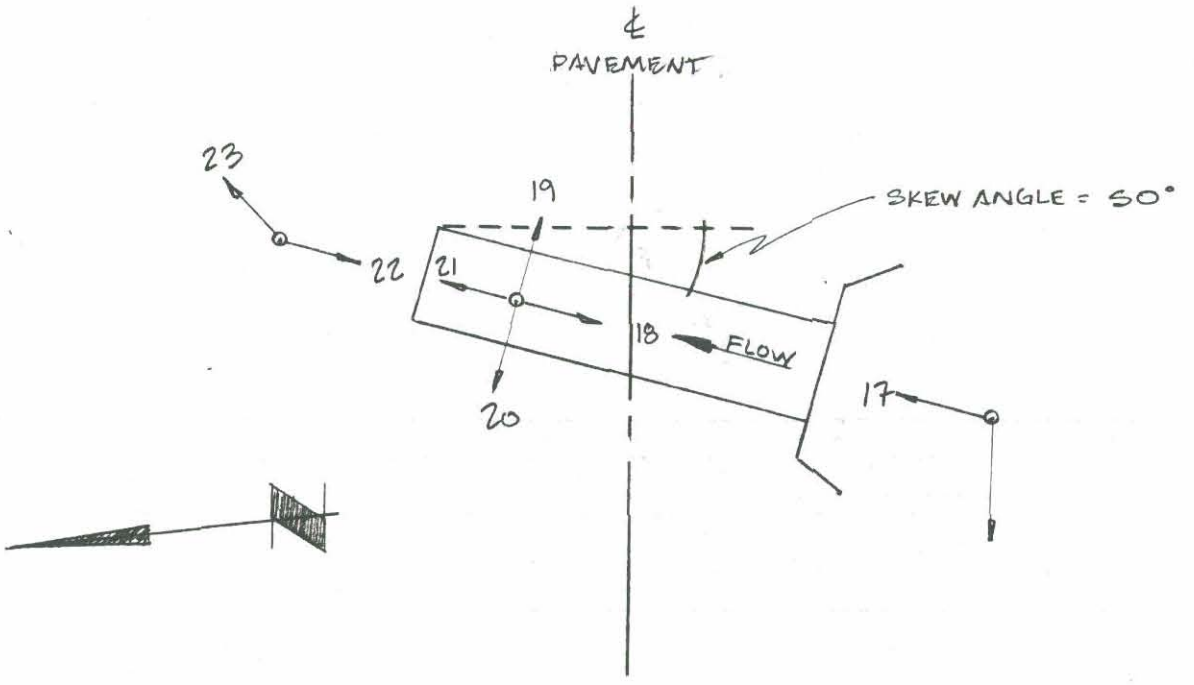
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-6

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 14



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND @ UP-STREM END OF STRUCTURE.

SECTION 11, T. 7 N., R. 5W.

LOCATION MAP

DATE: NOV. 26 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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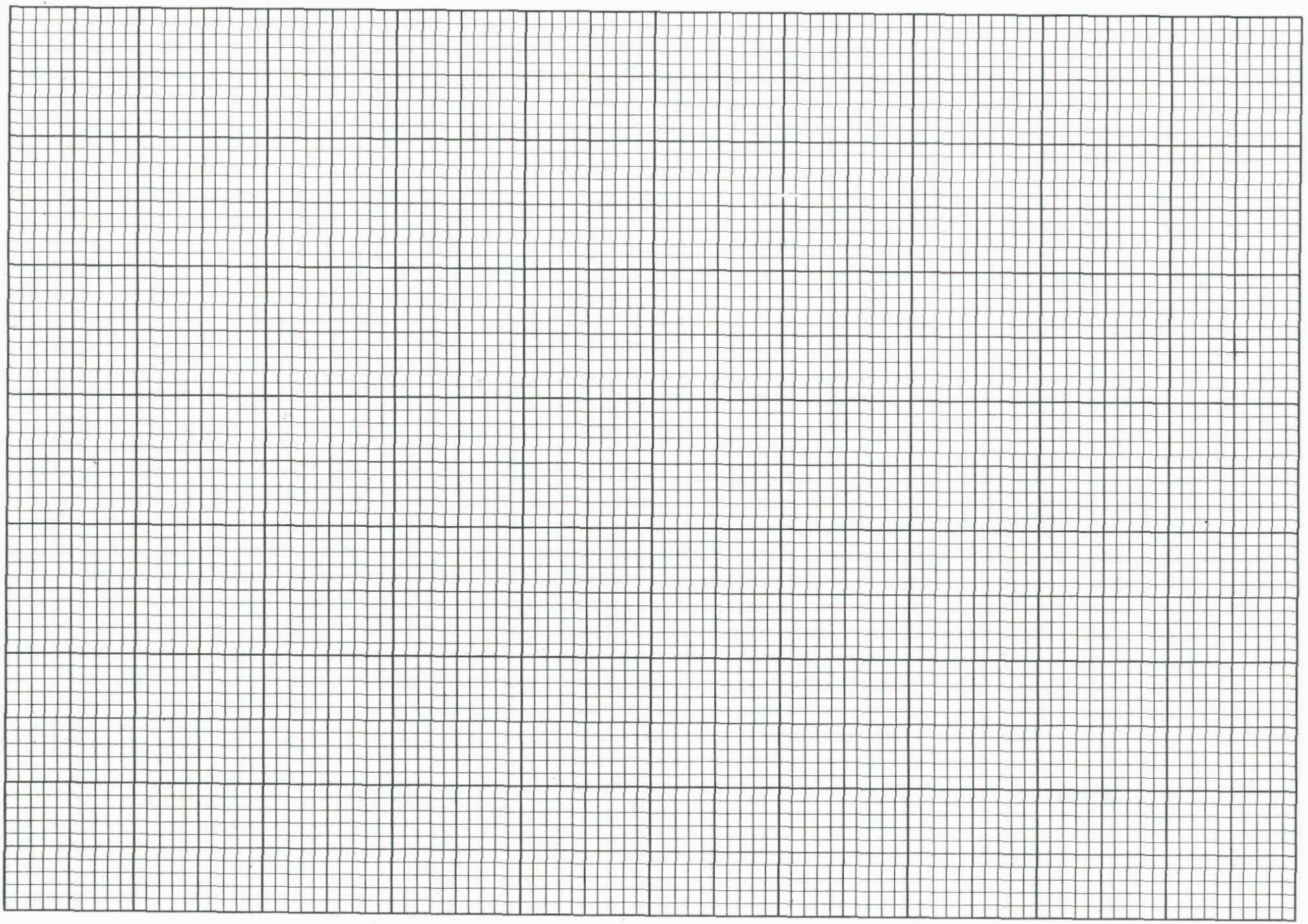

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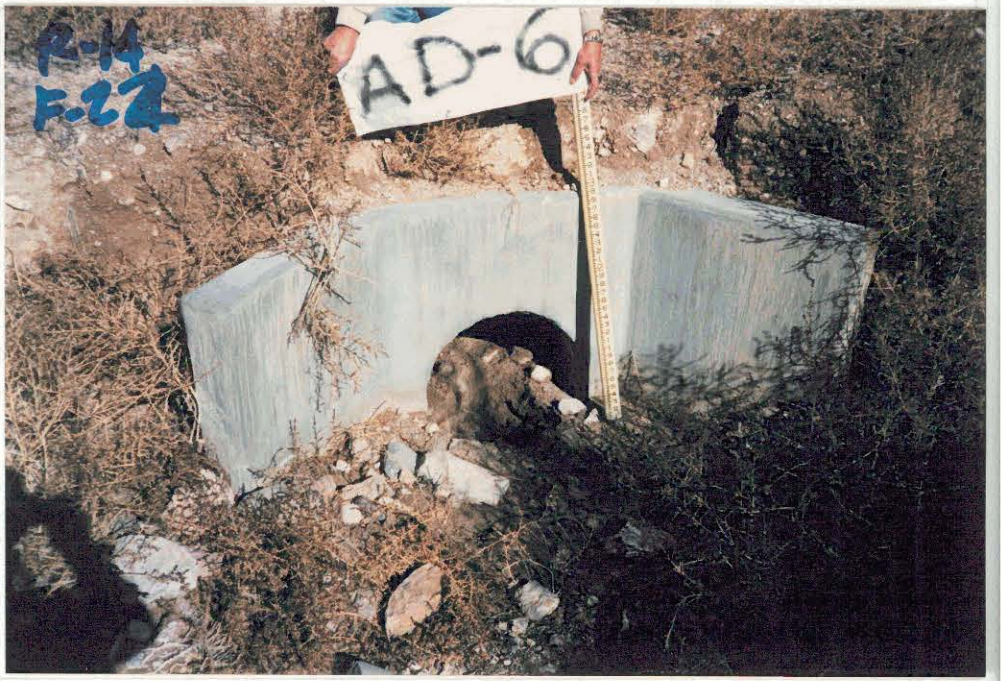
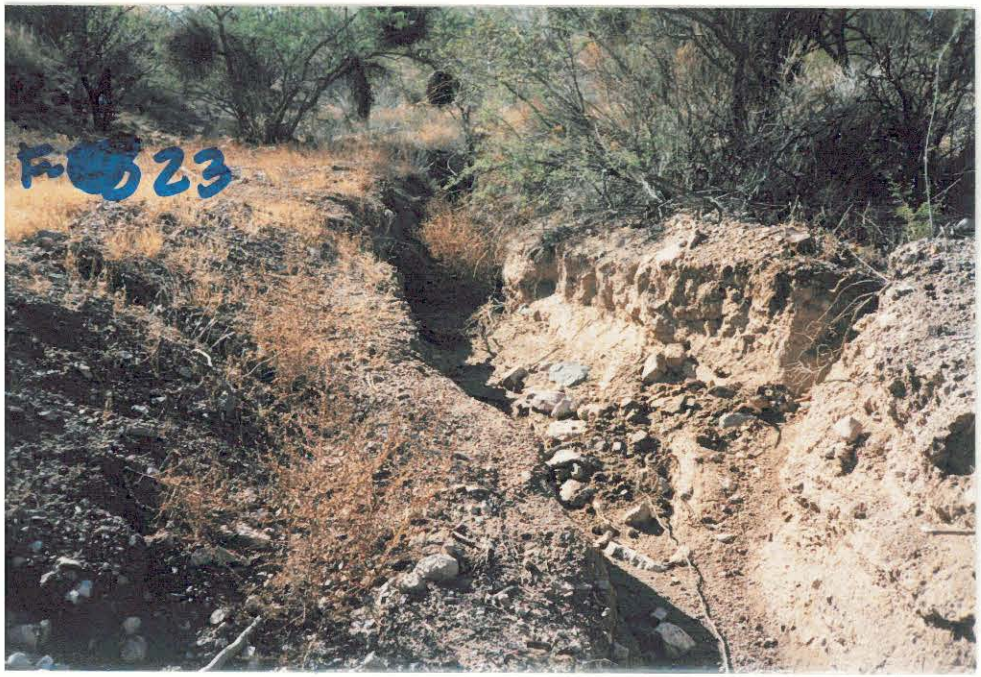
R-14 F-21


R-14
F-22
AD-6


F-23

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-7

LOCATION/ADDRESS NORTH SIDE OF AMERICA ST. ± 1000' FT. WEST OF MARIPOSA.

NAME OF WASH AD

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT.	C.O.W.
WOOD B.				
OTHER				

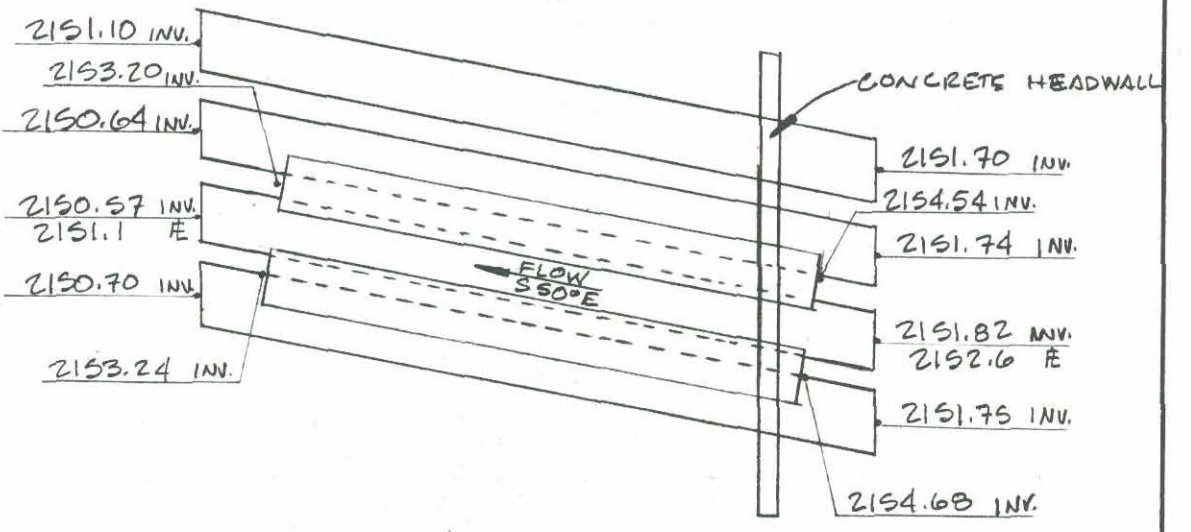
STRUC. COND.: GOOD □, FAIR ■, POOR □

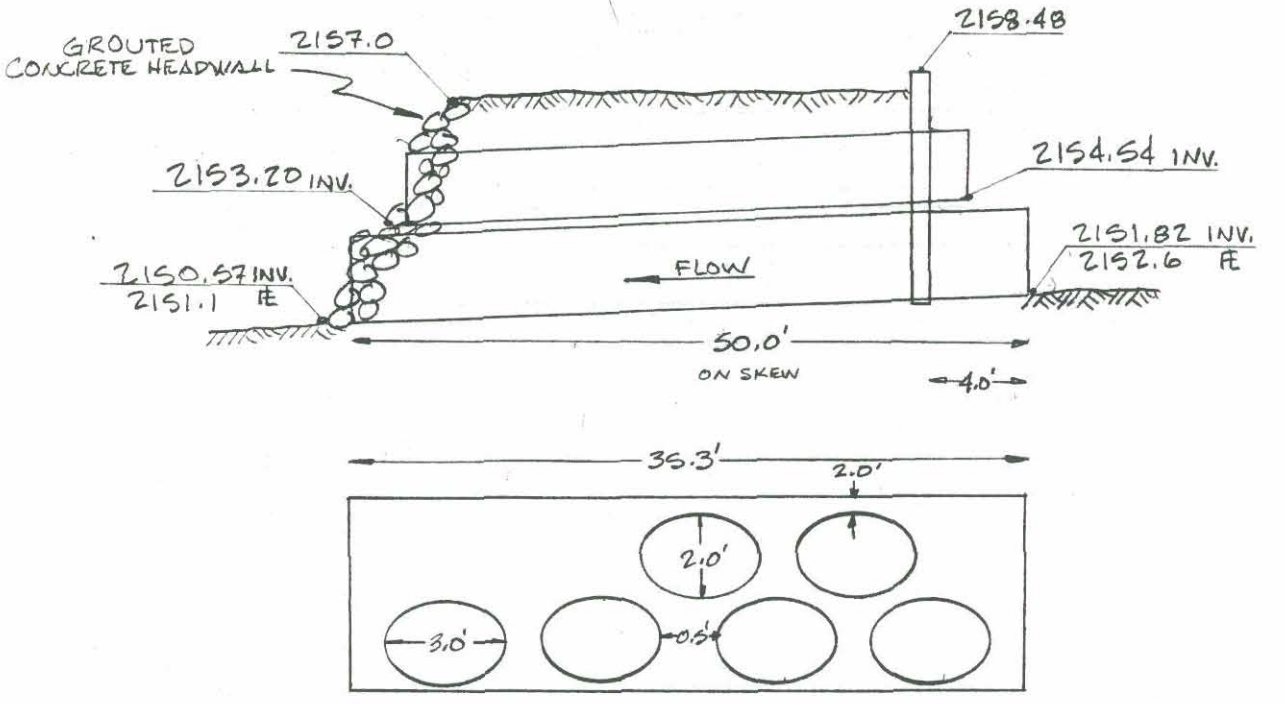
HEADWALLS : YES ■, NO □, COND. GOOD

WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 6.7 FT.

NO. OF SPANS OR BARRELS: 6





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 26 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AD-5	15.15			2147.85
A		11.25	2151.75	
B		11.18	2151.82	
C		11.26	2151.74	
D		11.30	2151.70	
E		10.4	2152.6	
F		4.52	2158.48	
G		8.32	2154.68	
H		8.46	2154.54	
I		12.30	2150.70	
J		12.43	2150.57	
K		12.36	2150.64	
L		11.90	2151.10	
M		9.80	2153.20	
N		9.76	2153.24	
O		11.9	2151.1	
P		6.0	2157.0	
TBM AD-6		6.60	2156.40	
T	5.61			
TBM AD-5		14.17	2147.84	2147.85

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

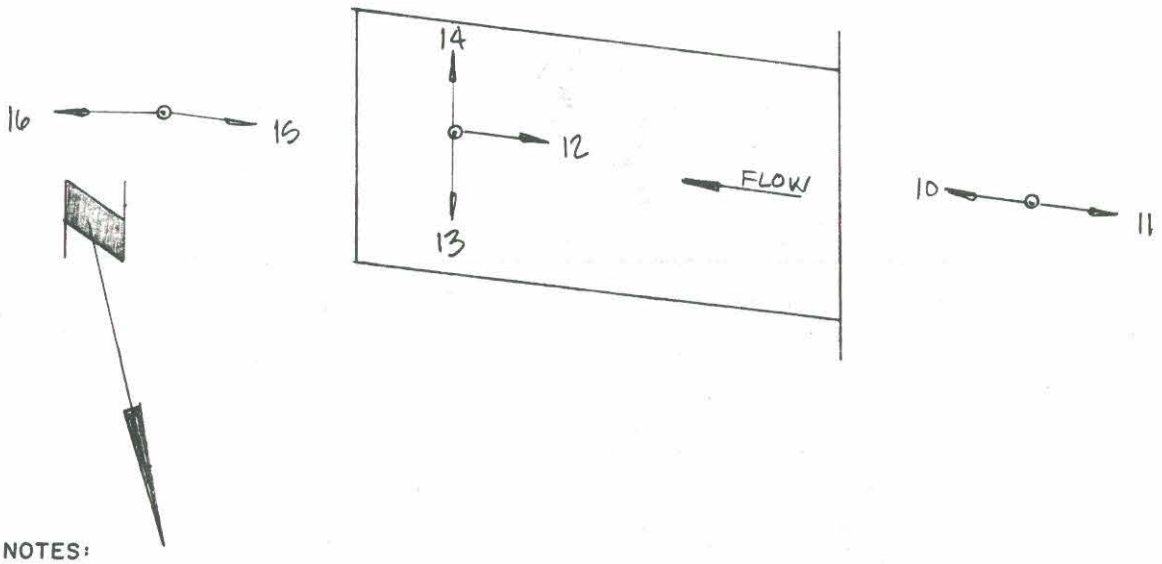
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-7

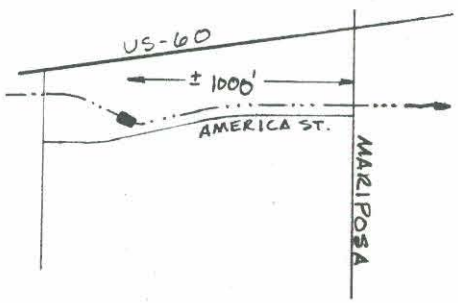
DIRECTION OF PHOTO ⟶ 7 & FRAME NO.

ROLL NO. 14



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND @ UP-STREAM END OF STRUCTURE.



SECTION 11 T. 7N. R. 5W.

LOCATION MAP

DATE: NOV. 26 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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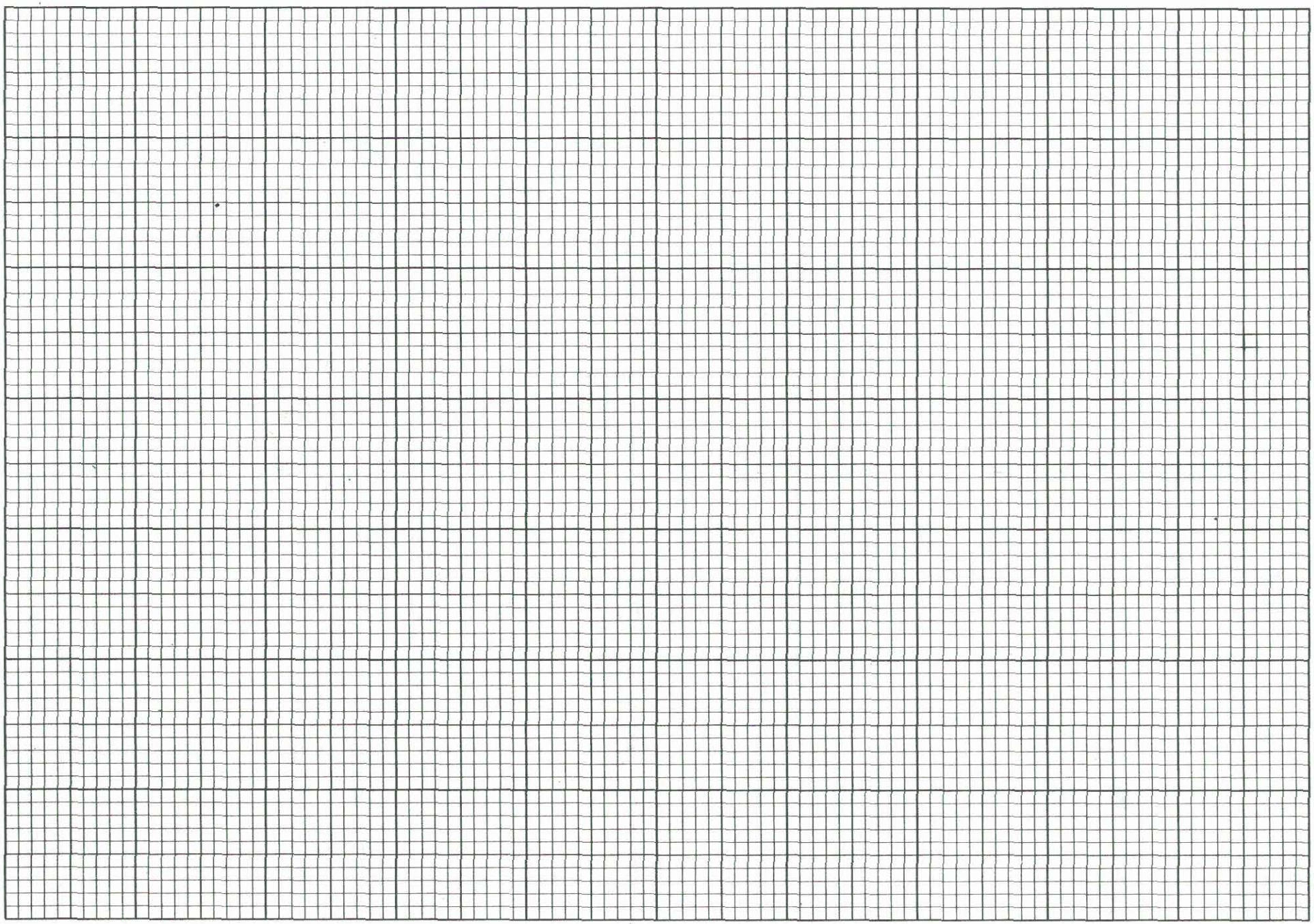
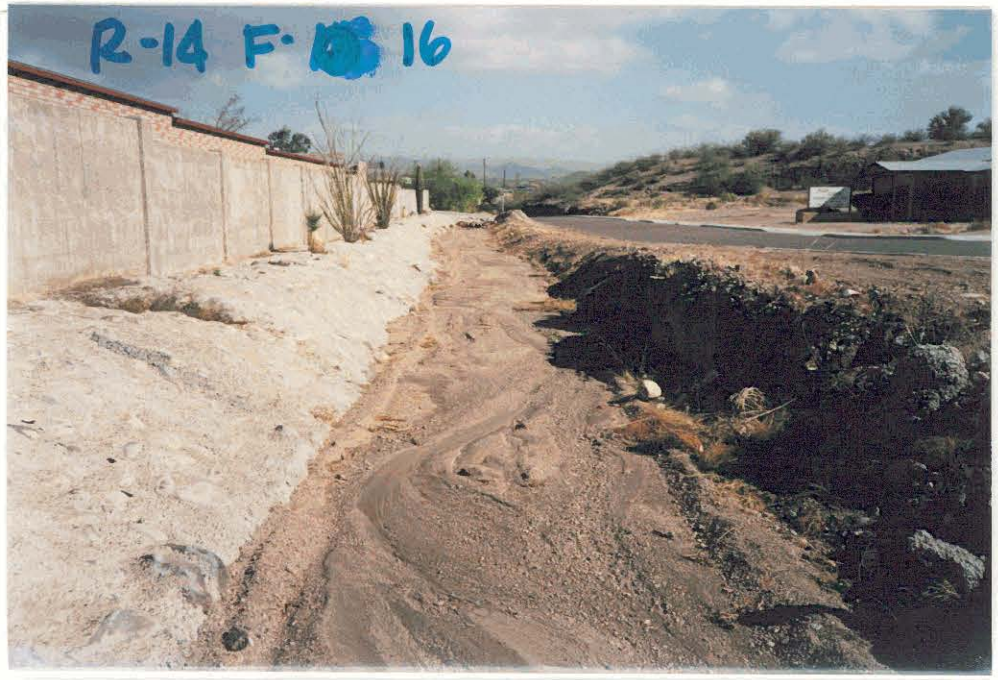


20th Century Plastics
1-800-767-0777
STOCK# PPV840-000

R-14 F-14

R-14 F-15
AD-7


R-14 F- 16

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-8

LOCATION/ADDRESS LOS ALTOS DR., ± 100 FT. SOUTH OF US-60.

NAME OF WASH AD

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		3.0 FT.	2.0 FT	C.O.W.
WOOD B.				
OTHER				

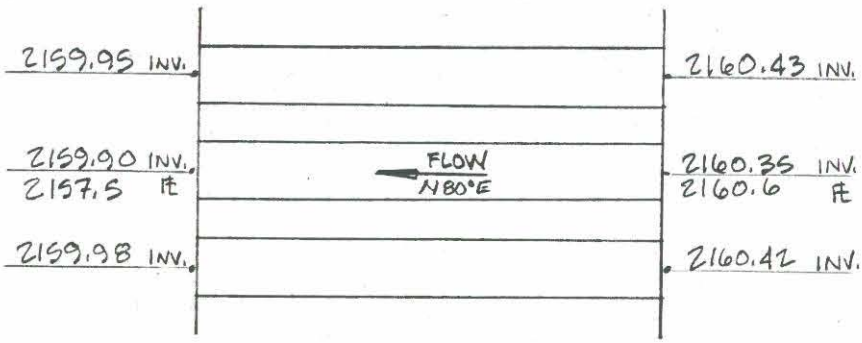
STRUC. COND.: GOOD ■, FAIR □, POOR □

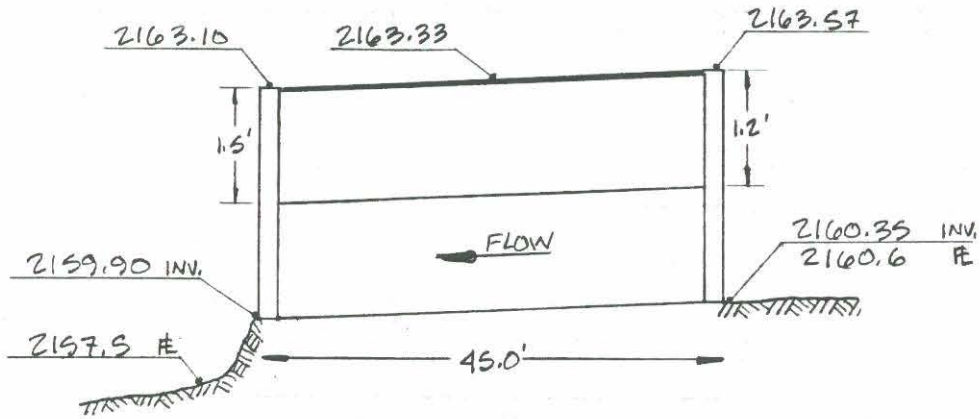
HEADWALLS : YES ■, NO □, COND. GOOD

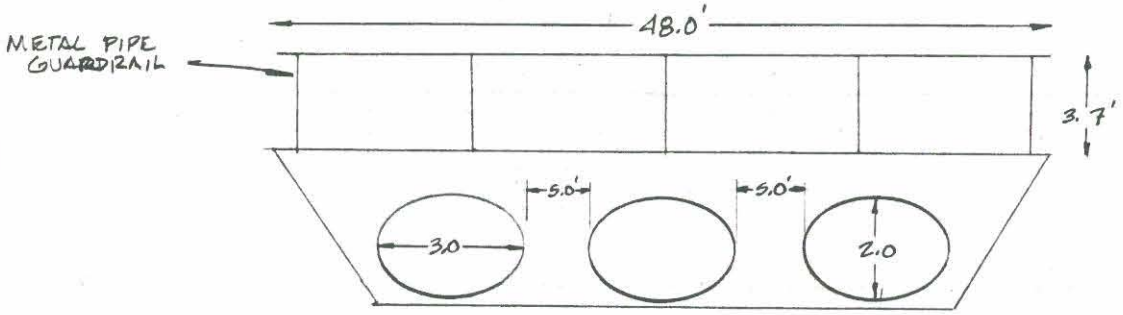
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.2 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 27 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AD-6	10.60			2156.40
A		6.57	2160.43	
B		6.65	2160.35	
C		6.4	2160.6	
D		6.58	2160.42	
E		3.43	2163.57	
F		3.67	2163.33	
G		3.90	2163.10	
H		7.02	2159.98	
I		7.10	2159.90	
J		9.5	2157.5	
K		7.05	2159.95	
TBM AD-B		3.12	2163.88	
A	2.85			
TBM AD-6		10.33		2156.40

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
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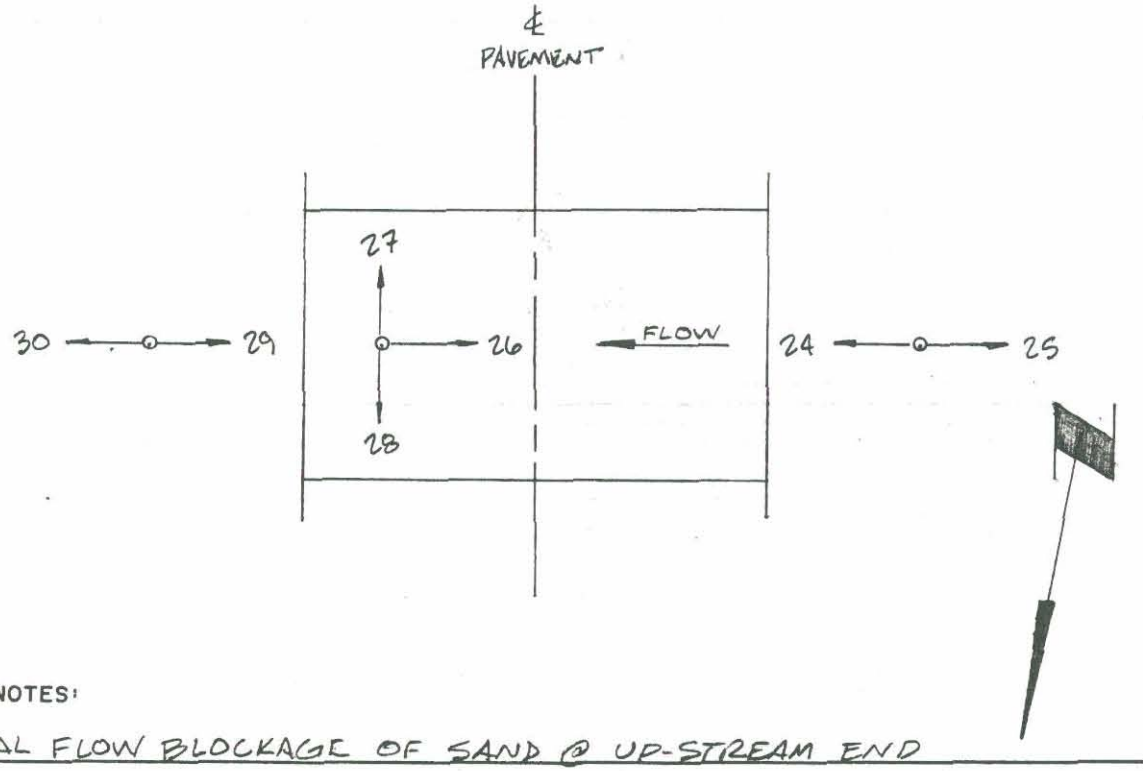
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-8

DIRECTION OF PHOTO ○——→ 7 & FRAME NO. ROLL NO. 14



SPECIAL NOTES:

PARTIAL FLOW BLOCKAGE OF SAND @ UP-STREAM END OF STRUCTURE.

SECTION 11 T.7N., R.5W.
LOCATION MAP

DATE: NOV. 27 1990

McLAIN HARBERS CO., INC.

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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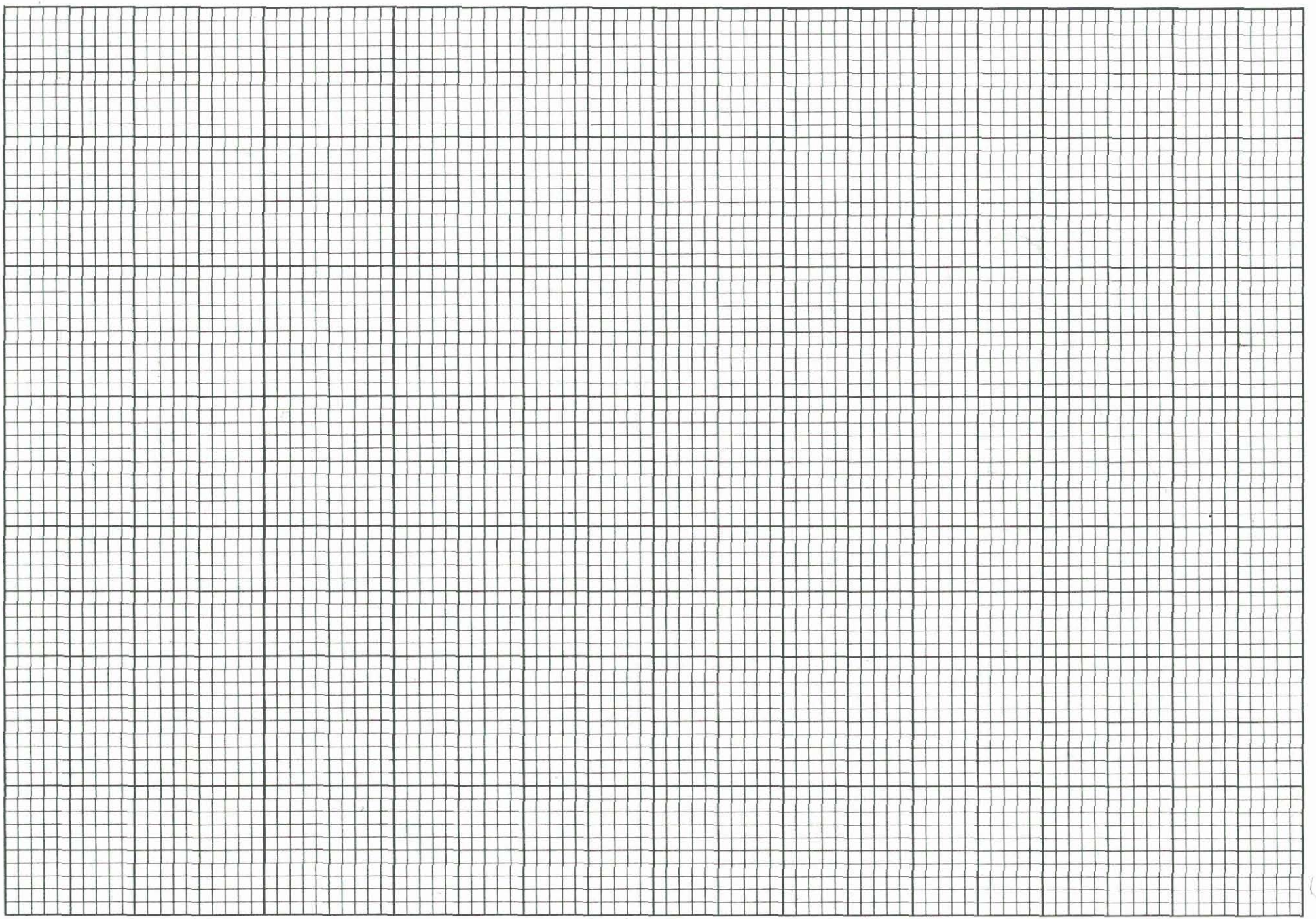

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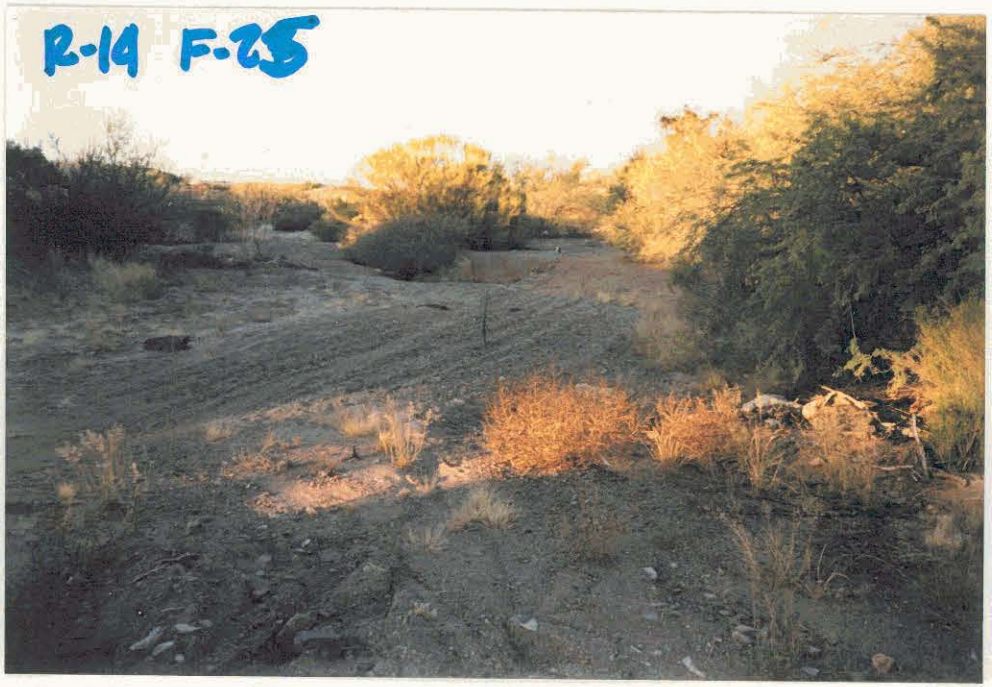
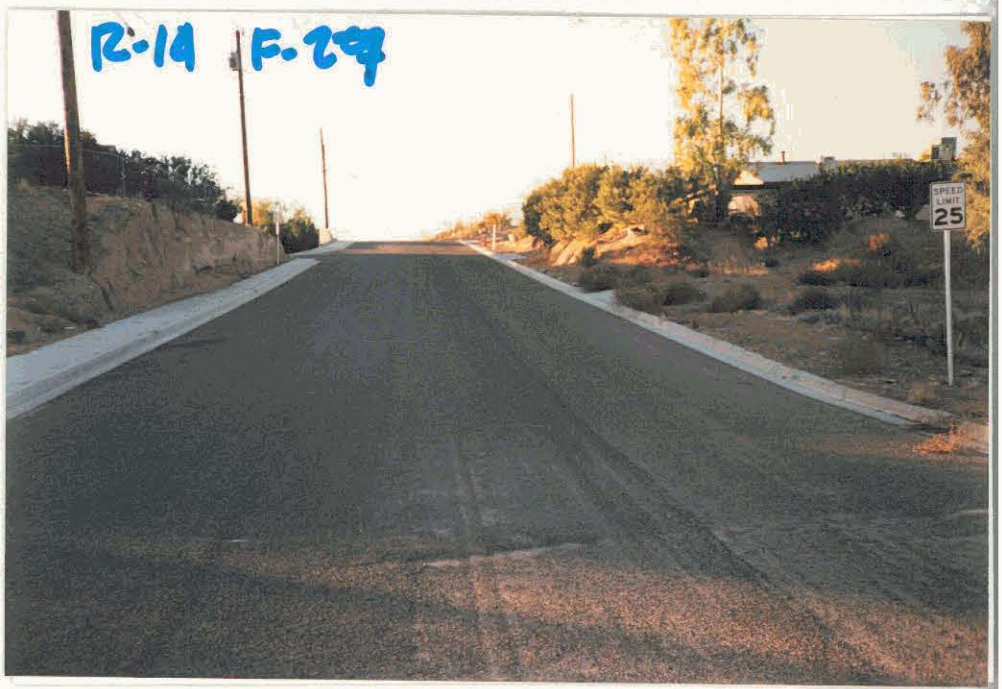
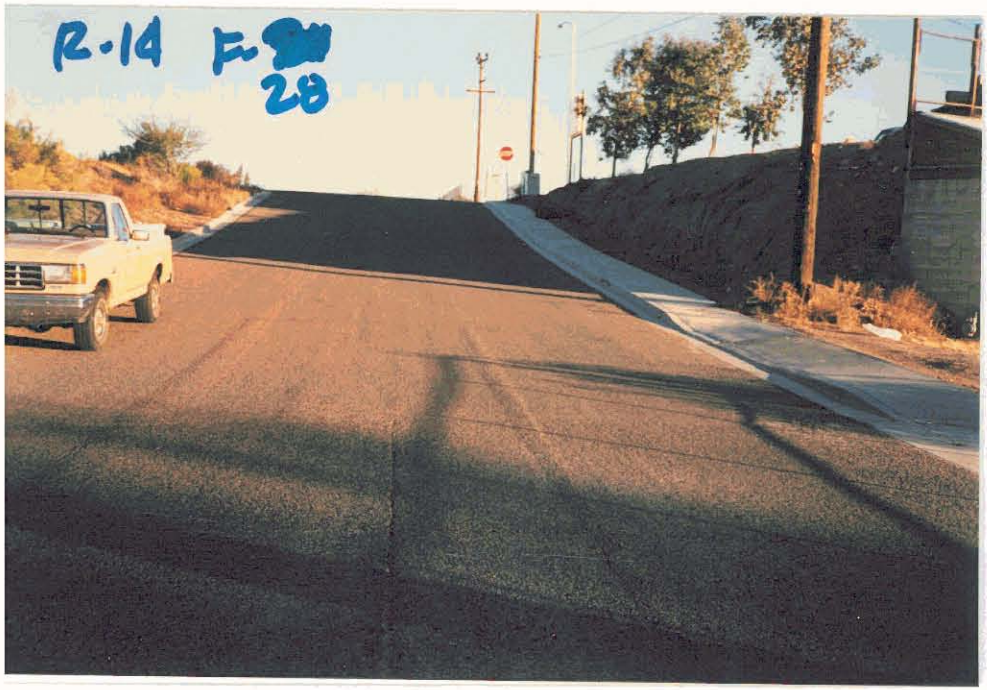
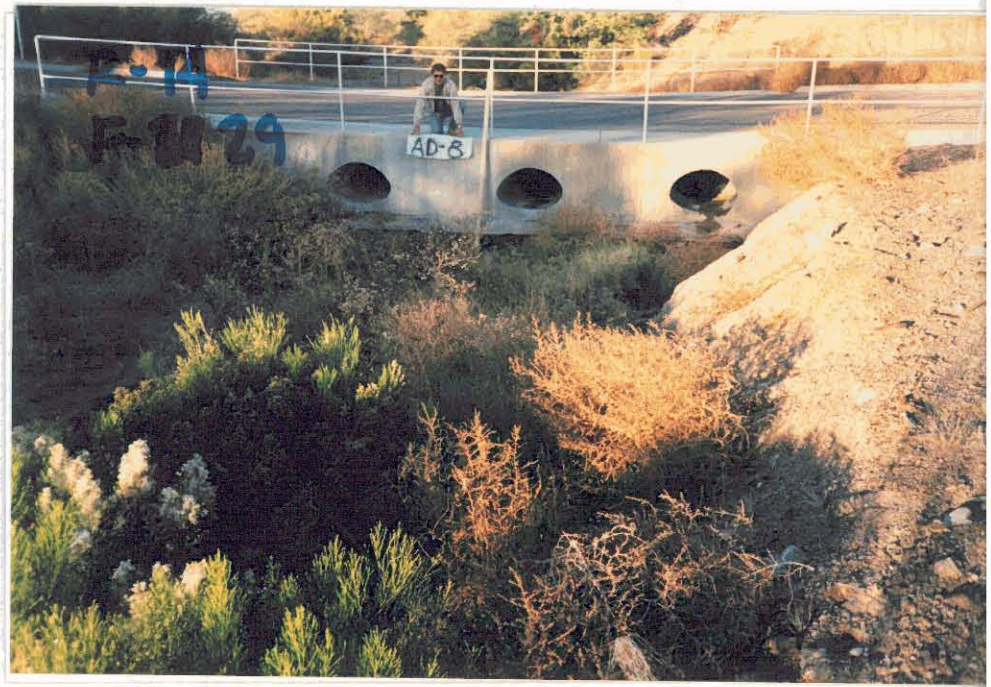
STOCK# PPV840-000






R-14 F-28


R-14
F-29
AD-8

R-14 F-30

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-9

LOCATION/ADDRESS LOS ALTOS DR., ± 1000 FT. SOUTH OF US 60.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			C.O.W.
WOOD B.				
OTHER				

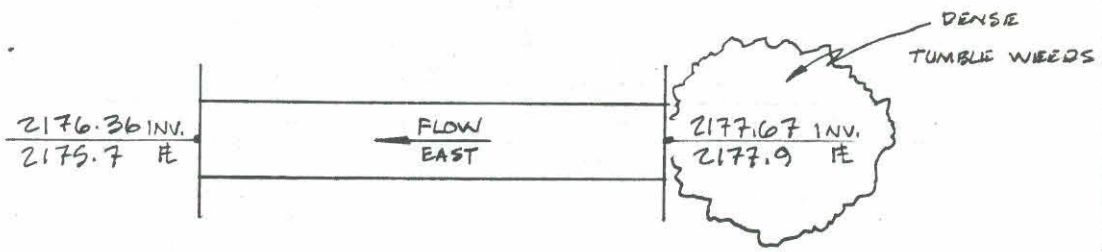
STRUC. COND.: GOOD ■, FAIR □, POOR □

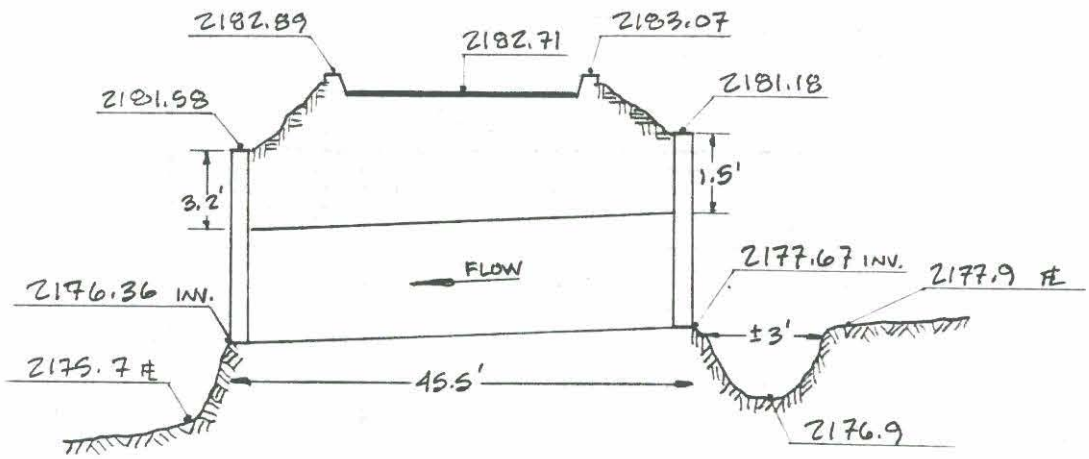
HEADWALLS : YES ■, NO □, COND. GOOD

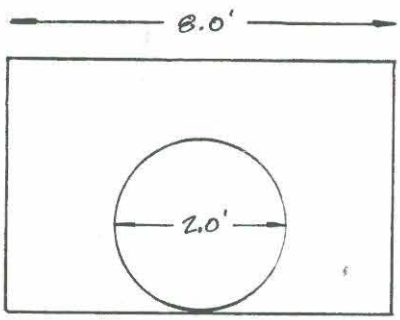
WINGWALLS : YES □, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 5.3 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 27 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AD9	6.71			2182.55
A		11.09	2177.67	
B		10.9	2177.9	
C		7.58	2181.18	
D		5.69	2183.07	
E		6.05	2182.71	
F		5.87	2182.89	
G		7.18	2181.58	
H		12.40	2176.36	
I		13.1	2175.7	
T.P.		5.91		
℄	5.85			
TBM AD9		5.74	2182.56	2182.55

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

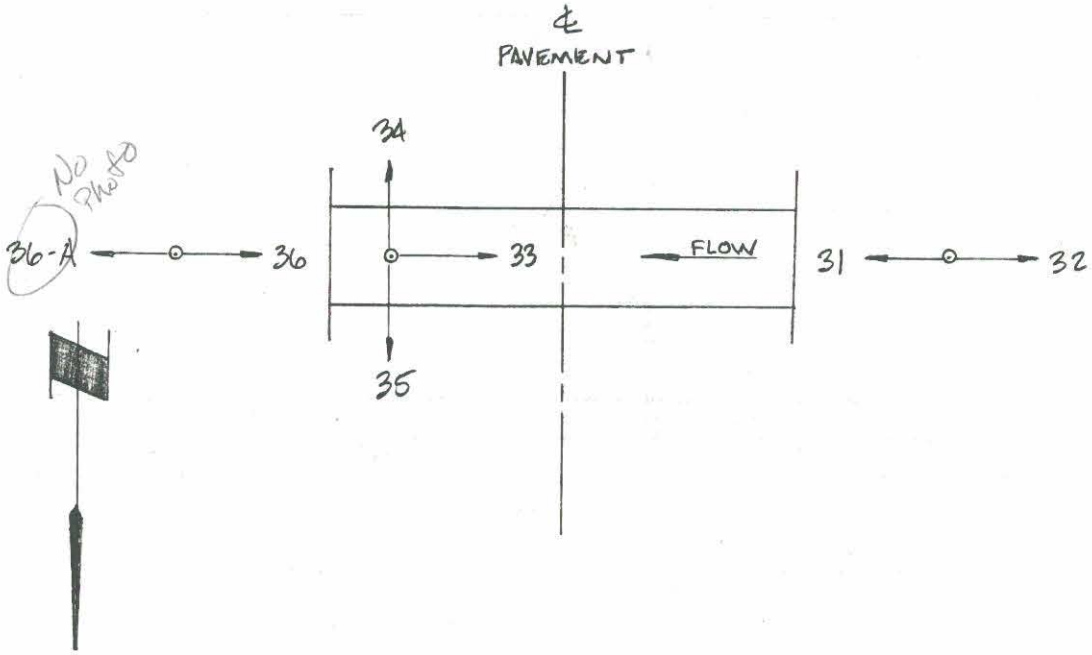
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

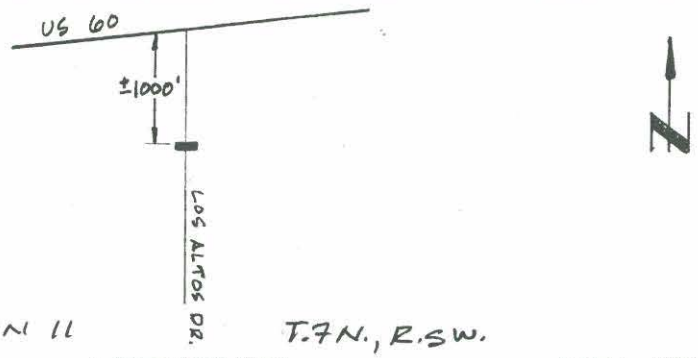
STRUC. NO. AD-9

DIRECTION OF PHOTO ⟶ 7 & FRAME NO.

ROLL NO. 14



SPECIAL NOTES:



SECTION 11 T.7N., R.5W.

LOCATION MAP

DATE: NOV. 27. 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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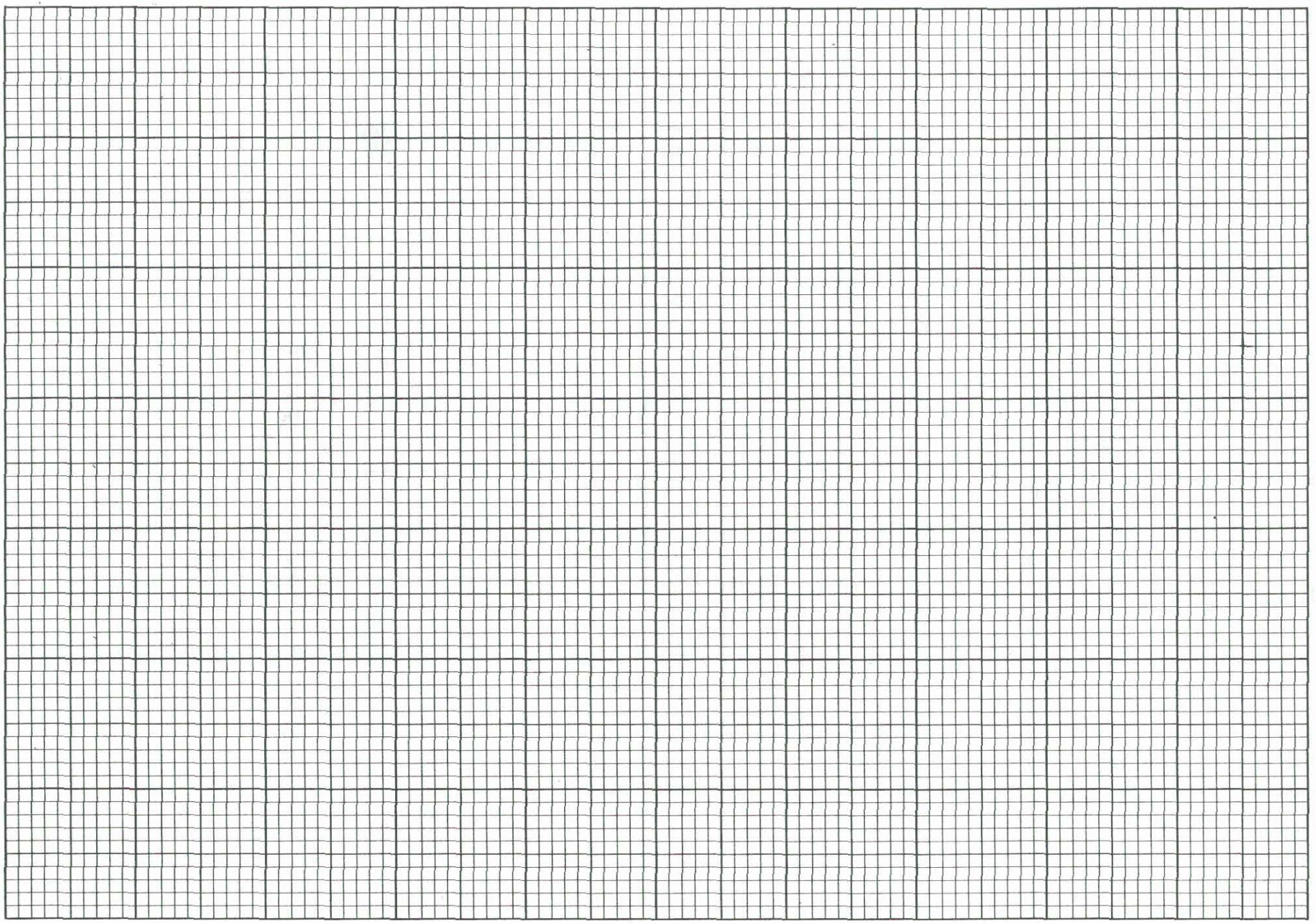

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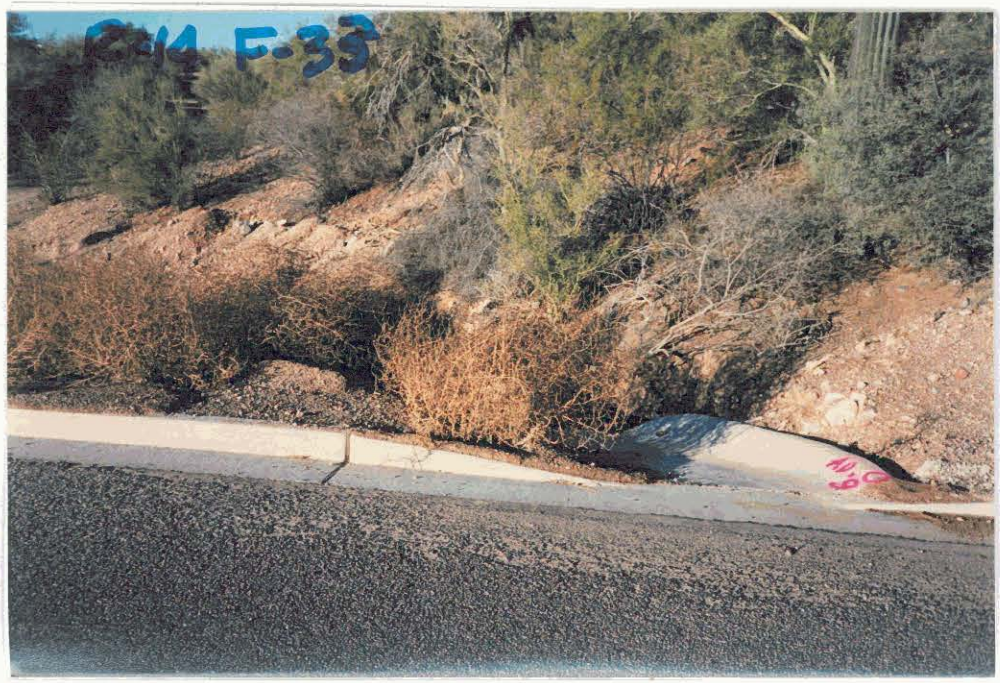
STOCK# PPV840-000



R-14 F-35

R-14 F-36
AD-9

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AD-10

LOCATION/ADDRESS U.S. HWY. 60, ± 50 FT. EAST OF OCOTILLA ST.

NAME OF WASH UNKNOWN

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE	2.0 FT.			A.D.O.T.
C.M.P				
WOOD B.				
OTHER				

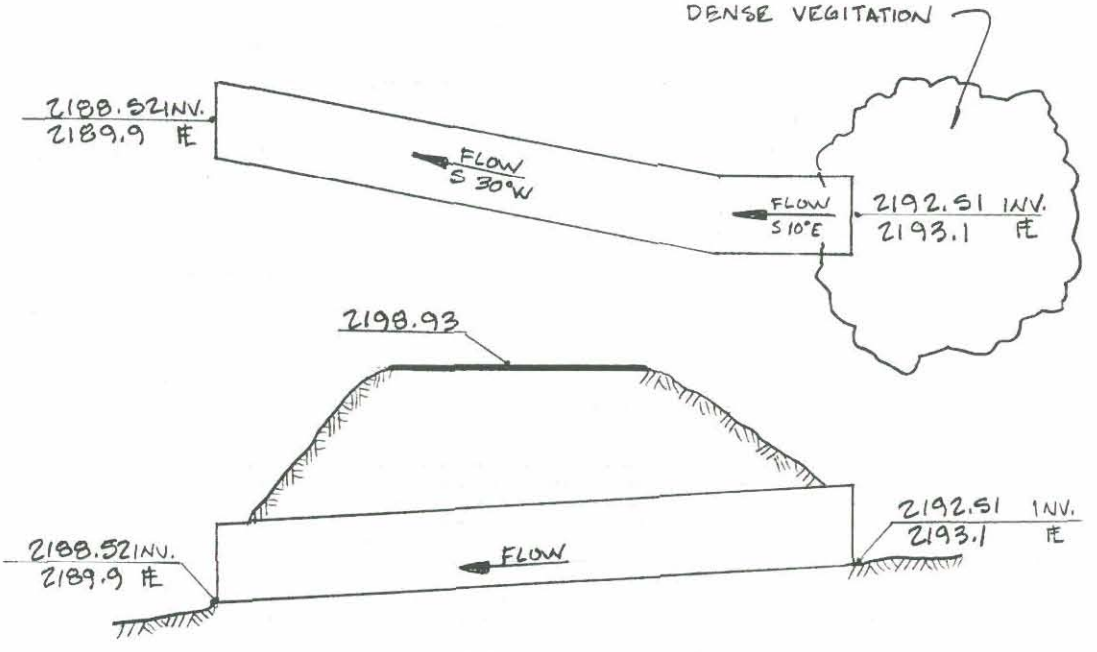
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

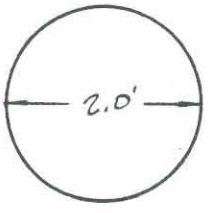
HEADWALLS : YES ☐, NO ■, COND. ——

WINGWALLS : YES ☐, NO ■, COND. ——

DEPTH OF AVAILABLE HEADWATER: ± 6.4 FT.

NO. OF SPANS OR BARRELS: 1





SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 4 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM C	4.80			2198.54
A		14.92	2188.52	
B		13.4	2189.9	
C		4.41	2198.93	
D		10.83	2192.51	
E		10.2	2193.1	
T.P.		2.90		
T	7.28			
TBM C		4.18	2190.54	2198.54

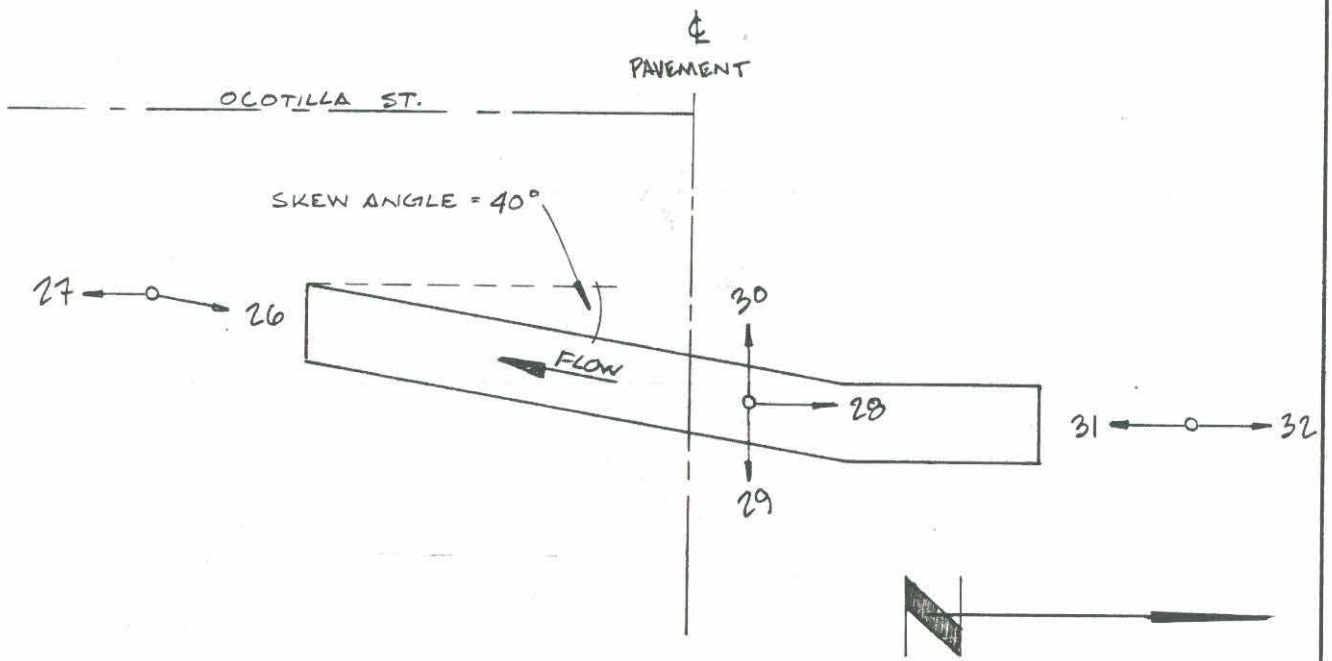
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AD-10

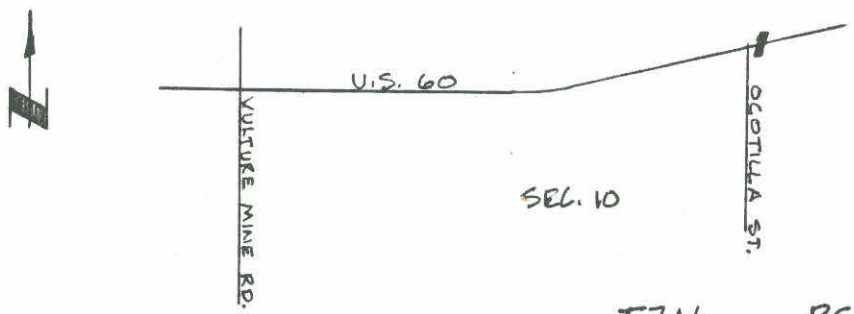
DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 29



SPECIAL NOTES:

DENSE VEGITATION AT UP-STREAM END OF STRUCTURE.

PARTIAL FLOW BLOCKAGE OF ROCK AND DIRT AT DOWN-STREAM END OF STRUCTURE.



LOCATION MAP

DATE: DEC. 4 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

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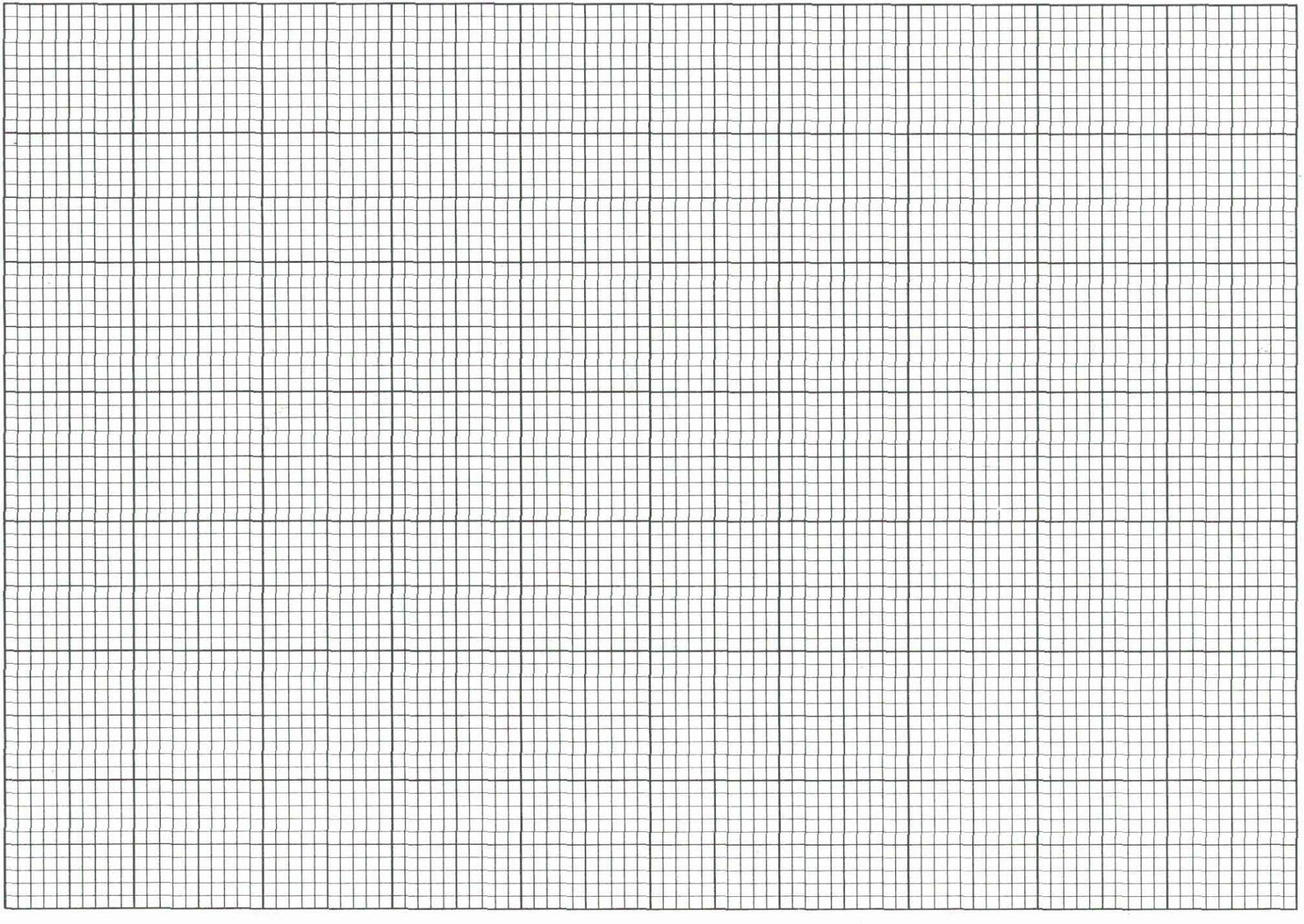

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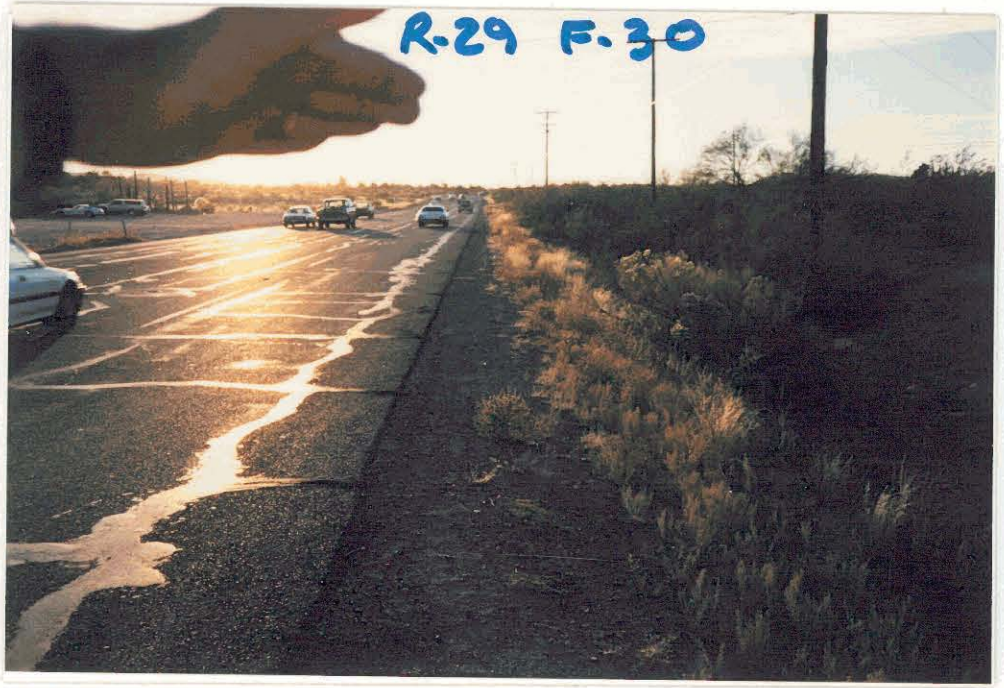
STOCK# PPV840-000


R-29 F-30

R-29 F-31
AD-10

R-29 F-32

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AE-1

LOCATION/ADDRESS STEINWAY RD. ± 5400 FT. SOUTH OF US-60.

NAME OF WASH UNKNOWN

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	1.5 FT.			COUNTY
WOOD B.				
OTHER				

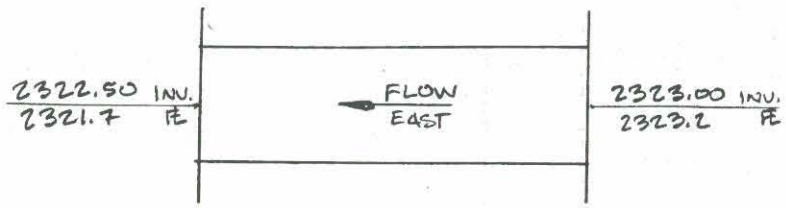
STRUC. COND.: GOOD ☐, FAIR ■, POOR ☐

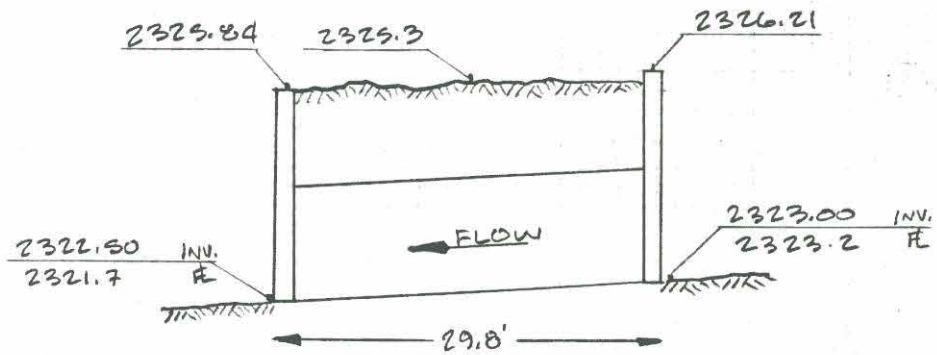
HEADWALLS : YES ■, NO ☐, COND. FAIR

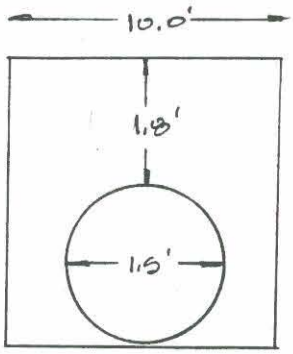
WINGWALLS : YES ☐, NO ■, COND. ____

DEPTH OF AVAILABLE HEADWATER: ± 3.2 FT.

NO. OF SPANS OR BARRELS: 1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 29 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AE-1	5.08			2325.84
A		7.92	2323.00	
B		7.7	2323.2	
C		4.71	2326.21	
D		5.6	2325.3	
E		8.42	2322.50	
F		9.2	2321.7	
T.P.		4.68		
T.P.	4.53			
TBM AE-1		4.92	2325.85	2325.84

K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

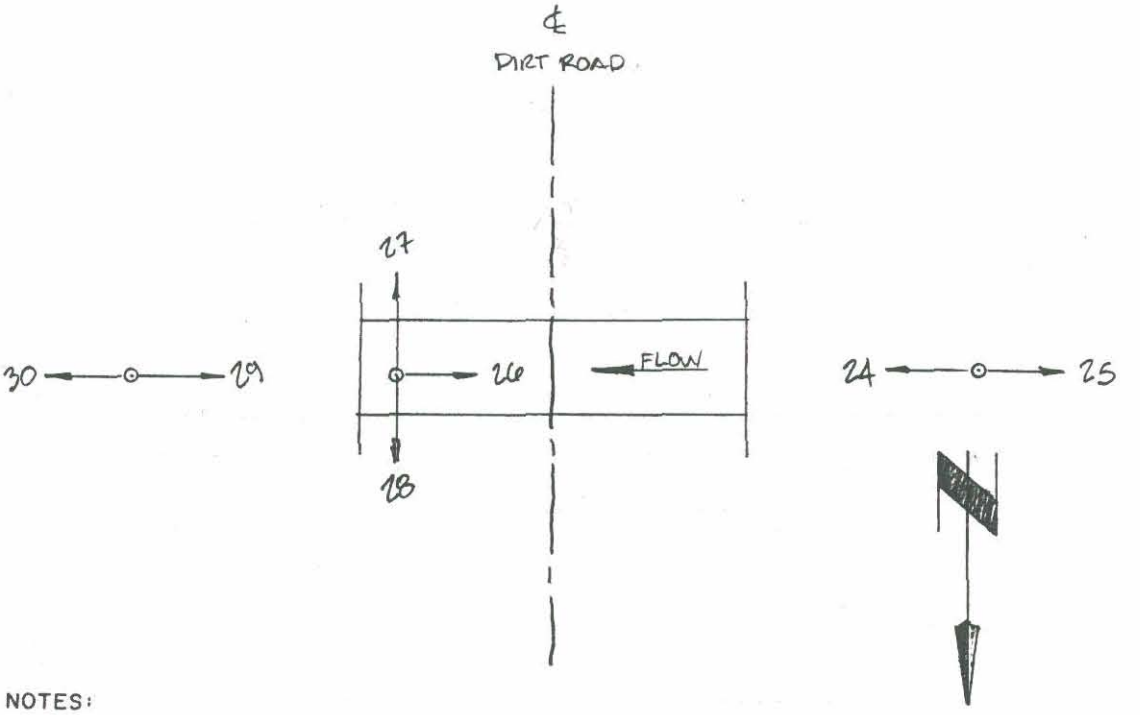
BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

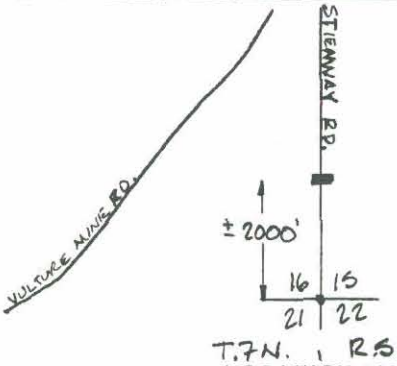
STRUC. NO. AE-1

DIRECTION OF PHOTO ⊙⟶ 7 & FRAME NO.

ROLL NO. 20



SPECIAL NOTES:



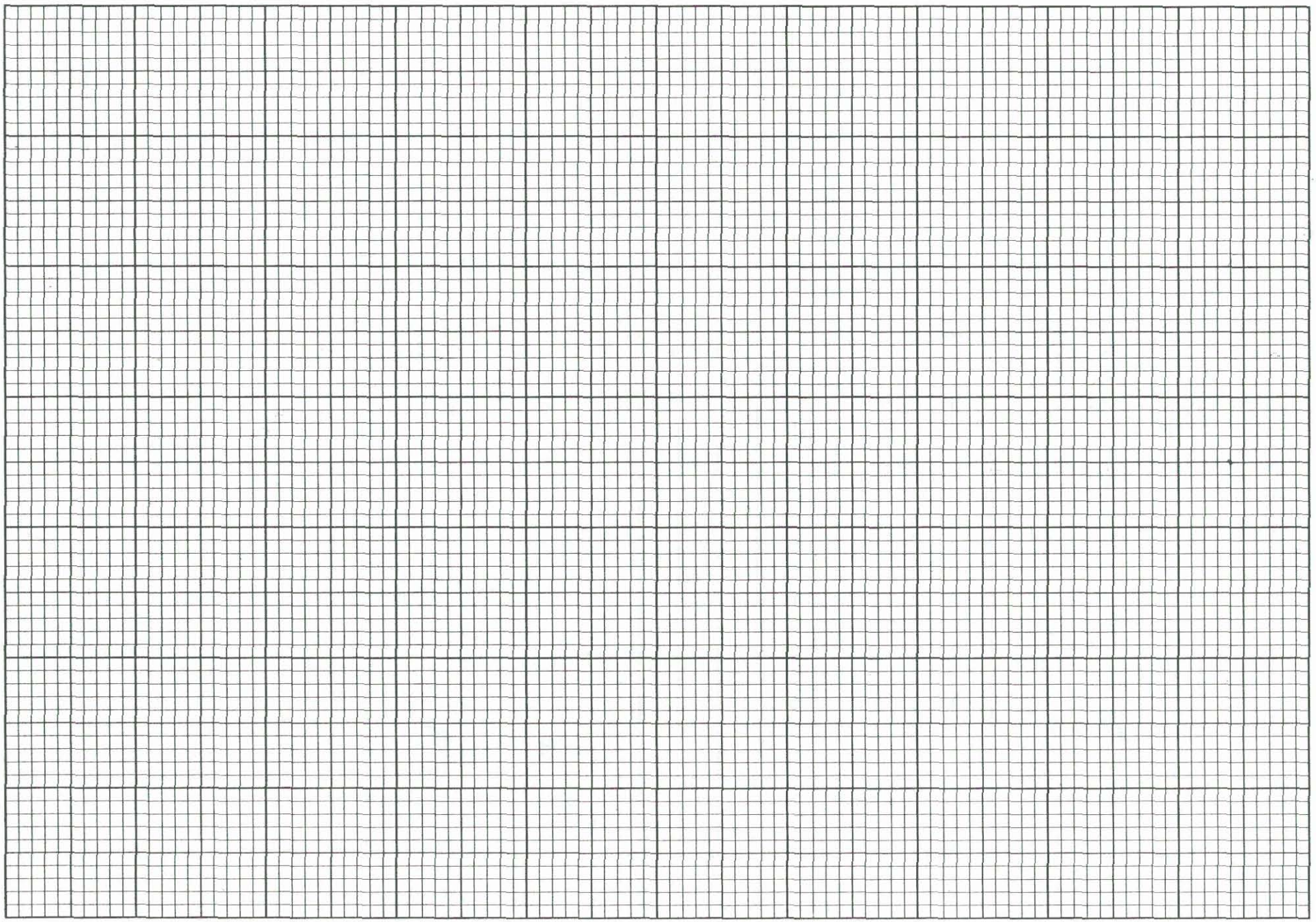
T.7N. , R.5W.
LOCATION MAP

DATE: NOV. 29 1990

McLAIN HARBERS CO., INC.

K•E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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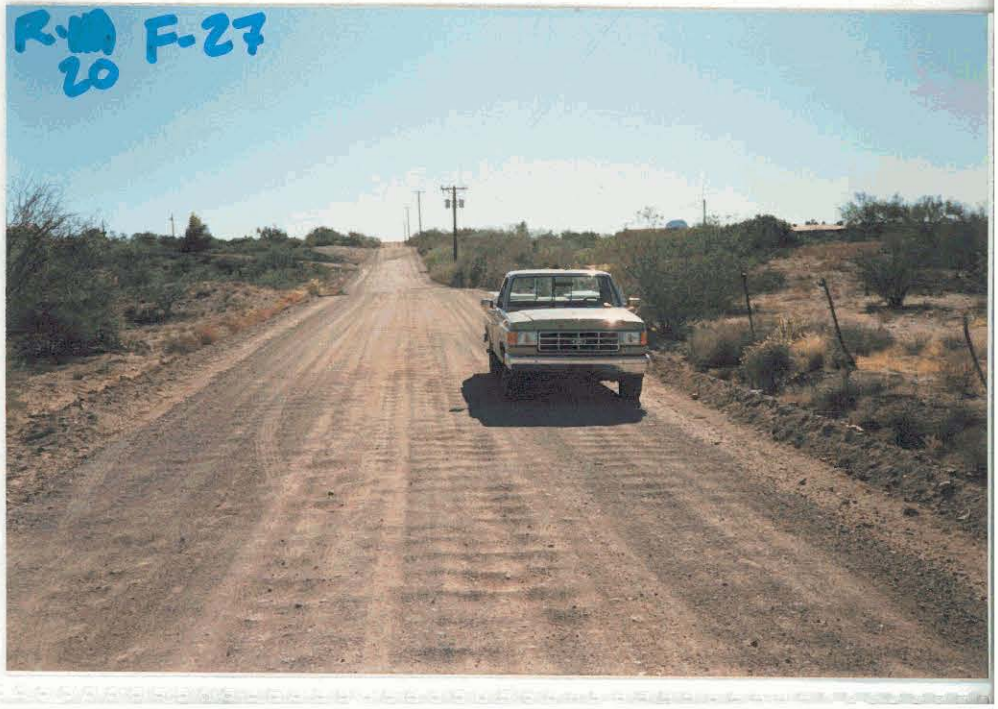
STOCK# PPV840-000



R-
20
F-28

R-
20
F-29
AE-1

R-
20
F-30

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AE-2

LOCATION/ADDRESS MARIPOSA ST., ± 2800 FT. SOUTH OF U.S. HWY. 60.

NAME OF WASH AE

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	2.0 FT.			COUNTY
WOOD B.				
OTHER				

STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS : YES ■, NO □, COND. GOOD

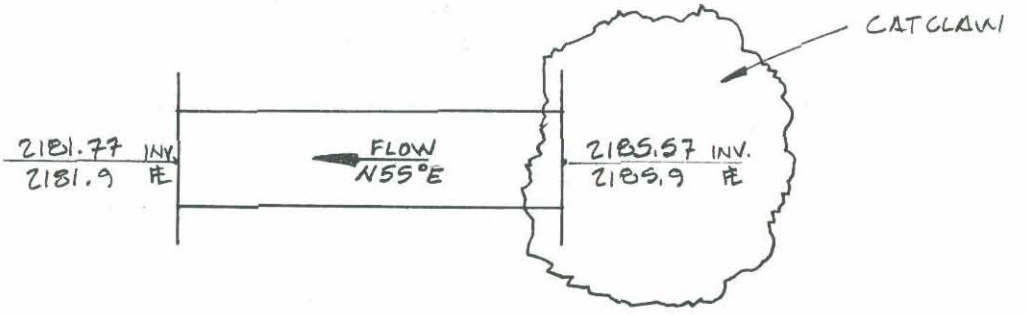
WINGWALLS : YES □, NO ■, COND. ____

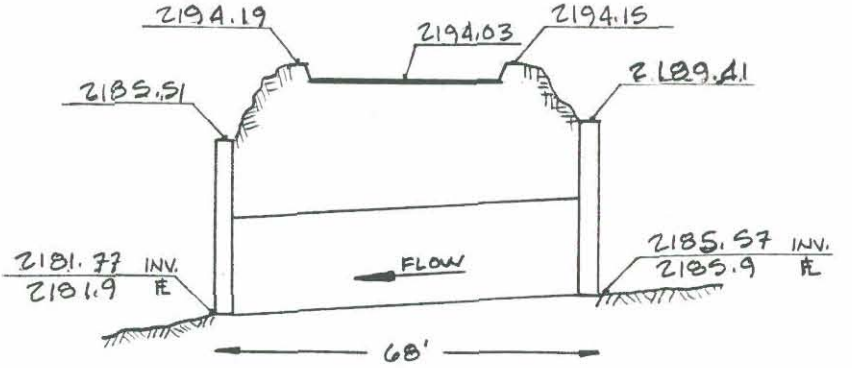
DEPTH OF AVAILABLE HEADWATER:

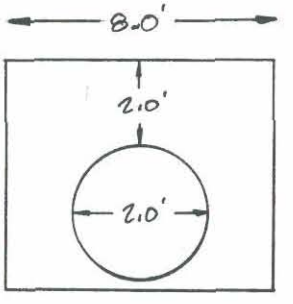
± 8.5 FT.

NO. OF SPANS OR BARRELS:

1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AE-7	4.90			2194.67
A		14.00	2185.57	
B		13.7	2185.9	
C		10.46	2189.41	
D		5.42	2194.15	
E		5.54	2194.03	
F		5.38	2194.19	
G		14.06	2185.51	
H		17.80	2181.77	
I		17.7	2181.9	
T.P.		5.38		
T	5.04			
TBM AE-7		4.55	2194.68	2194.67

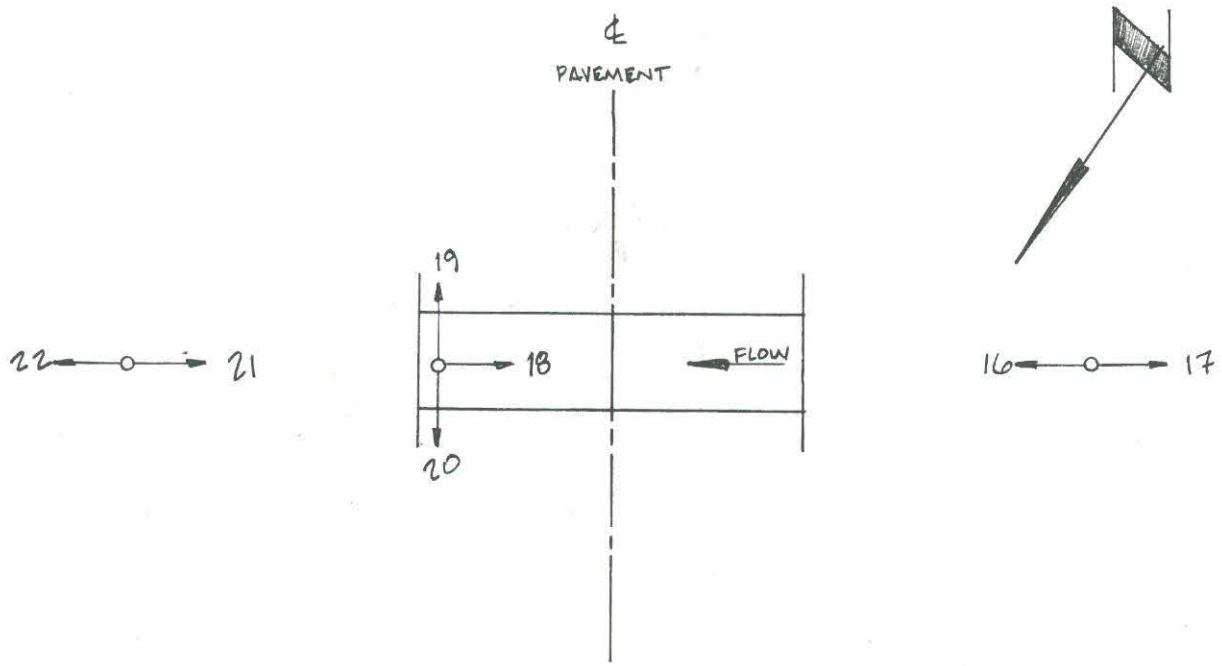
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AE-2

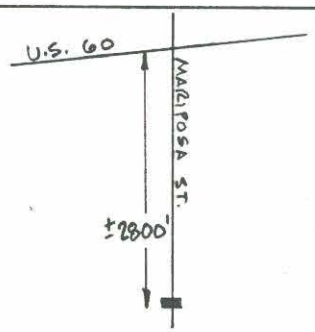
DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 30



SPECIAL NOTES:

DENSE VEGITATION AT UP-STREAM END OF STRUCTURE.

T.B.M. AE-2 IS A CHISLED "+" ON S.E. CURB RETURN AT ALLEY & MARIPOSA ST. INTERSECTION.

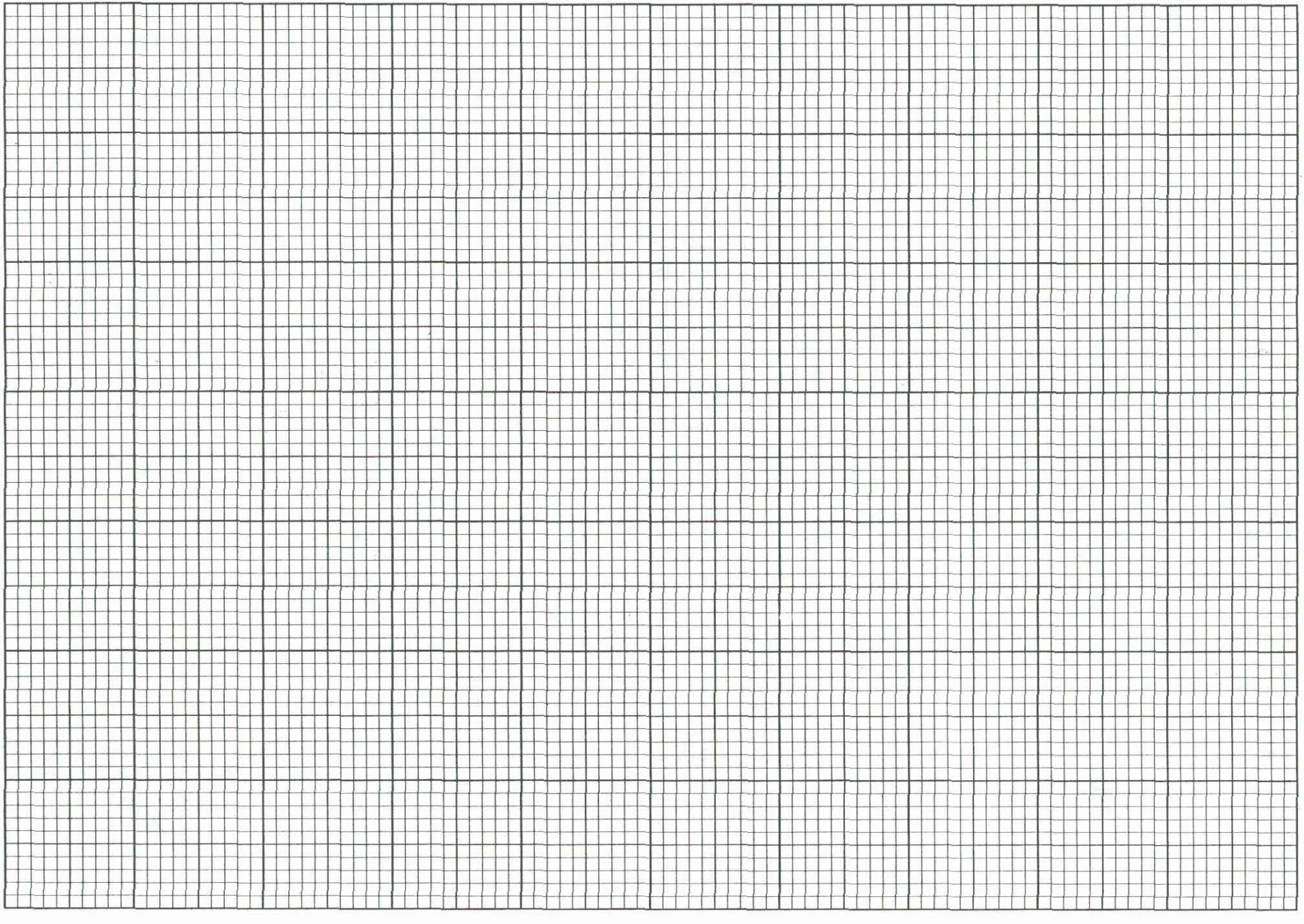


SEC. 11, T.7N., R.5W.
LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780



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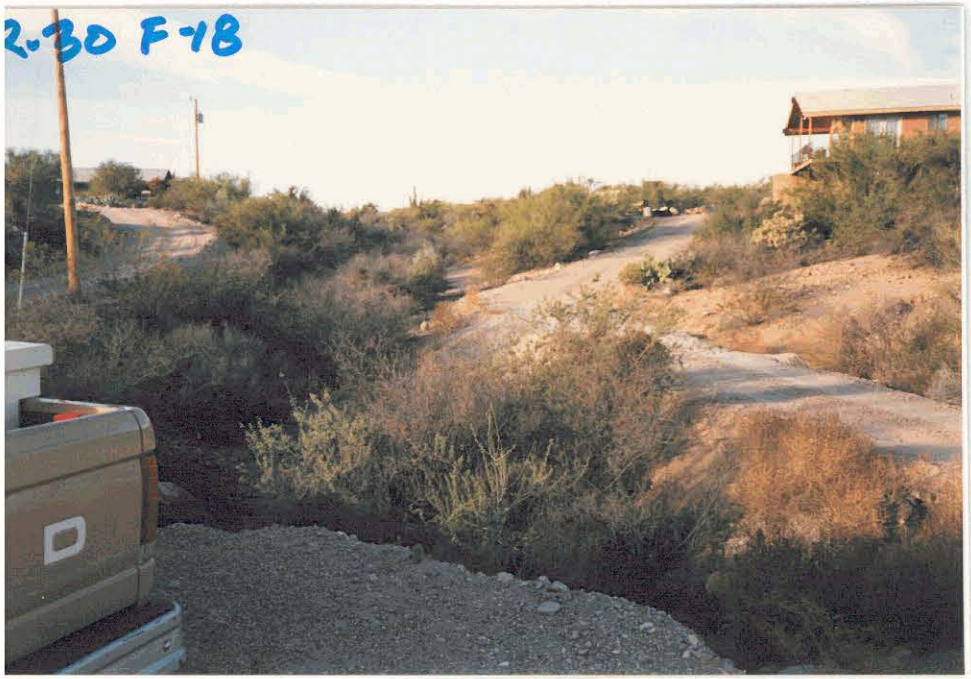
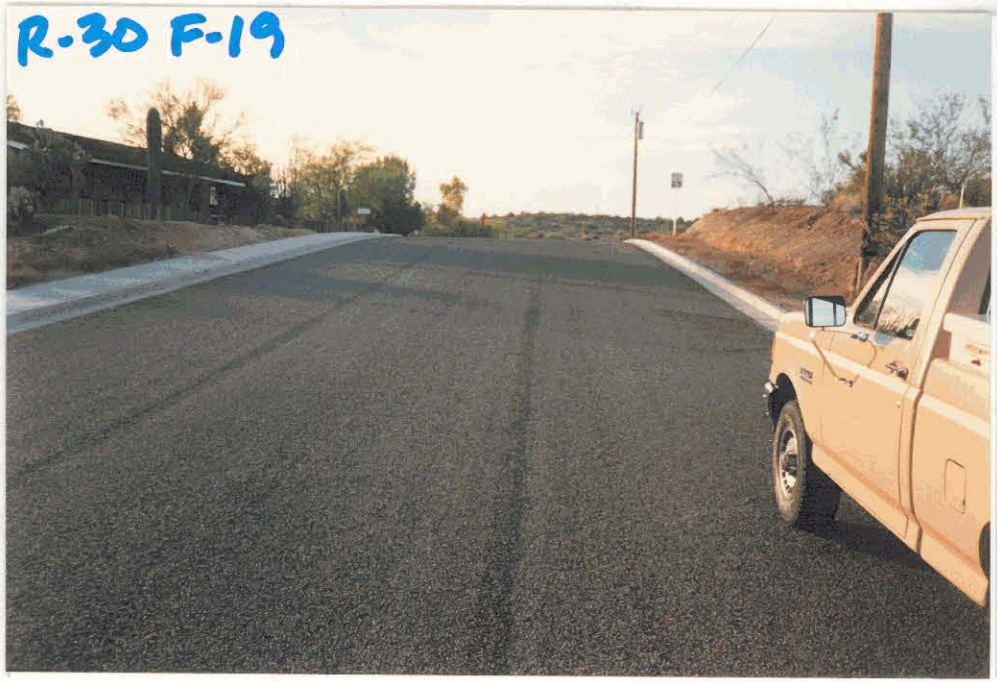
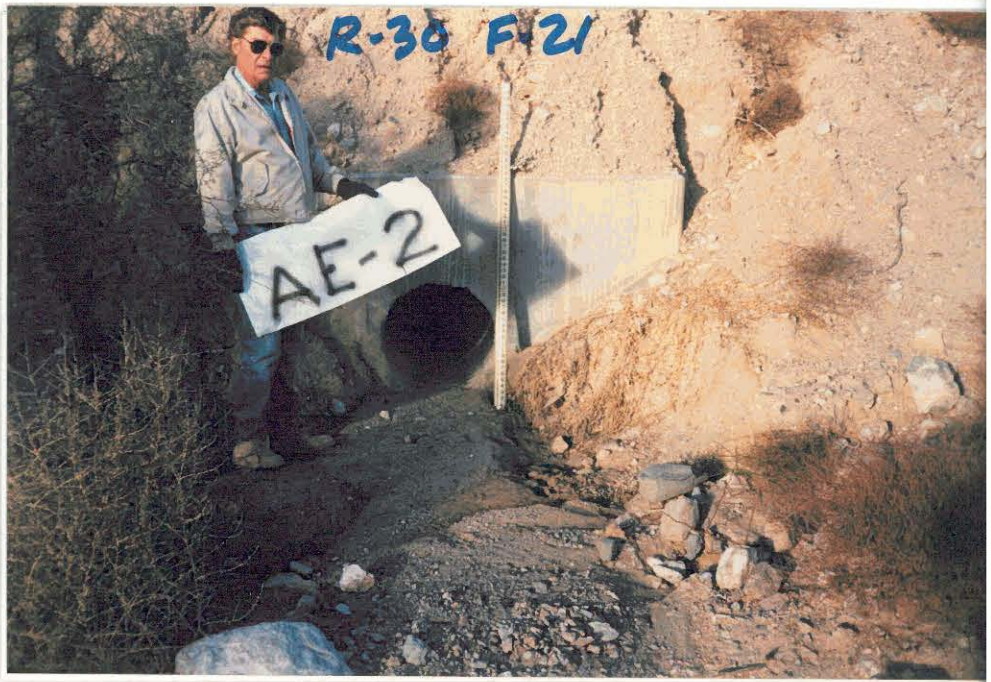




R-30 F-20


R-30 F-21
AE-2

R-30 F-22

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AE-3

LOCATION/ADDRESS KELLIS RD., ± 2200 FT. SOUTH OF US 60

NAME OF WASH AE

PARTY CHIEF S. McLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P	1.7 FT.			C.O.W.
WOOD B.				
OTHER				

STRUC. COND.: GOOD ■, FAIR □, POOR □

HEADWALLS : YES ■, NO □, COND. GOOD

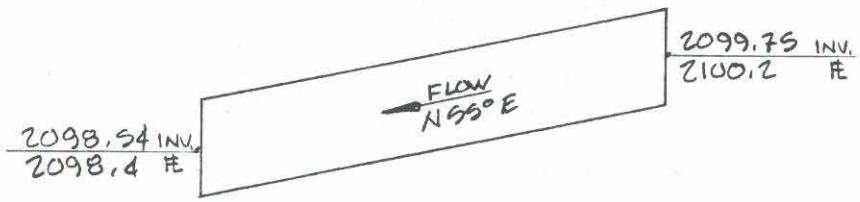
WINGWALLS : YES □, NO ■, COND. ____

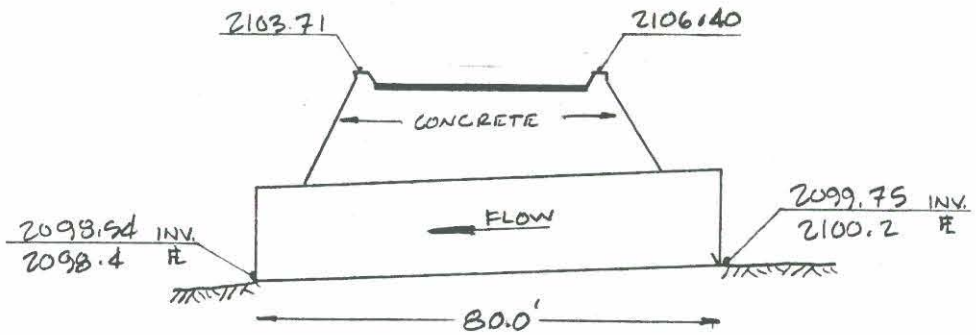
DEPTH OF AVAILABLE HEADWATER:

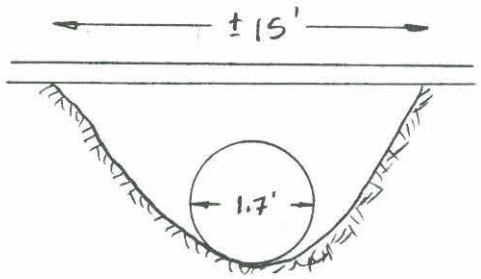
± 6.7 FT.

NO. OF SPANS OR BARRELS:

1







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: NOV. 28 1990

STATION	+	−	ELEVATION	BENCHMARK
TBM AE-3	7.35			2103.48
A		11.08	2099.75	
B		10.6	2100.2	
C		4.43	2106.40	
D		7.17	2103.71	
E		12.29	2098.54	
F		12.4	2098.4	
T.P.		6.81		
A	7.06			
TBM AE-3		7.60	2103.48	2103.48

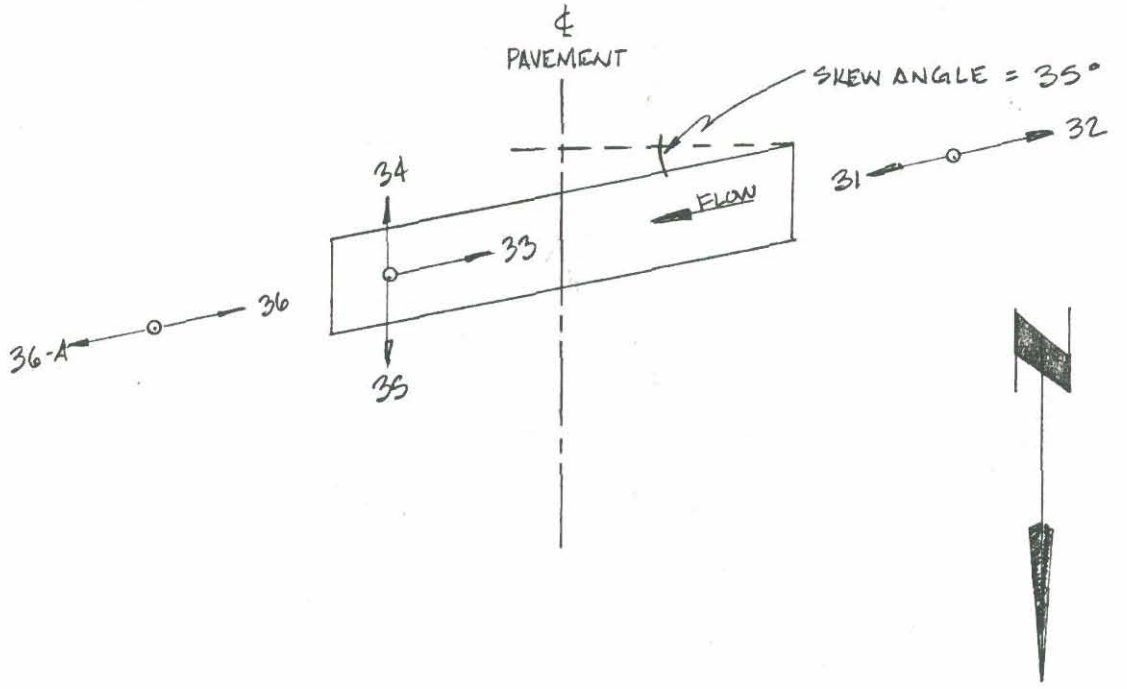
K&E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

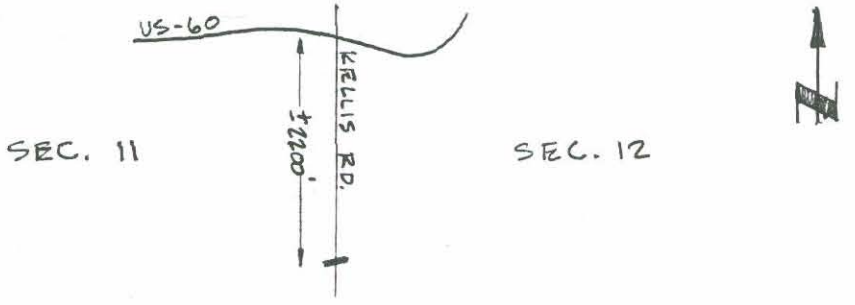
STRUC. NO. AE-3

DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 18



SPECIAL NOTES:

TBM AE-3 IS A BRASS CAP IN CONCRETE AT ℄ OF KELLIS ROAD, ± 20 FT. NORTH OF STRUCTURE.

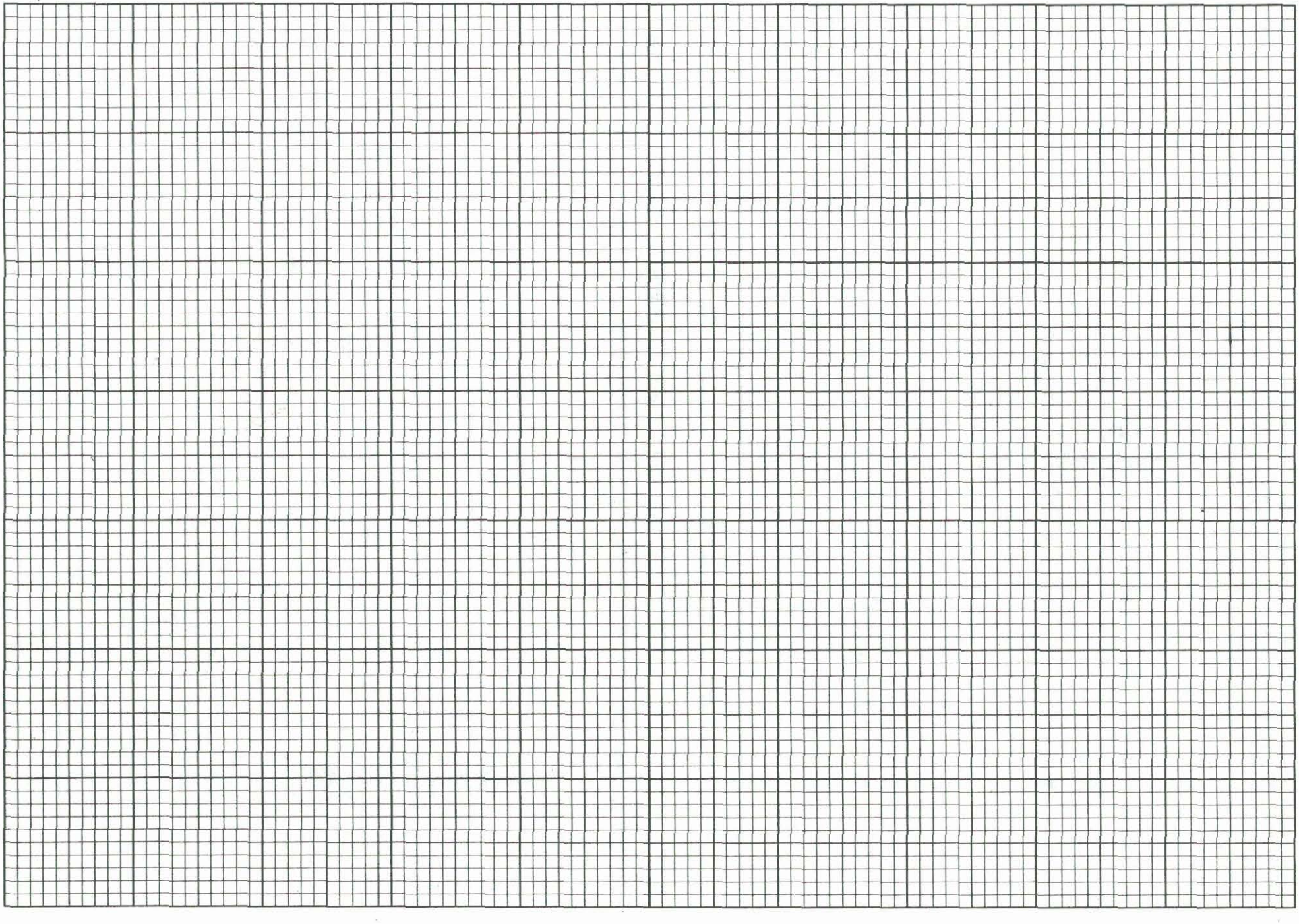


T7N R5W
LOCATION MAP

DATE: NOV. 28 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780



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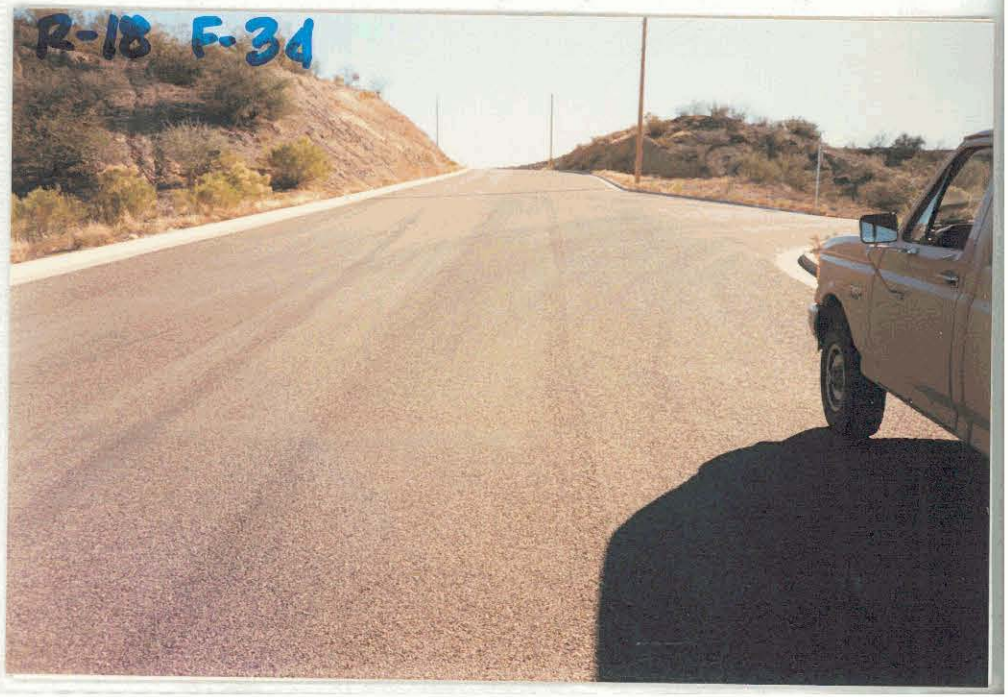
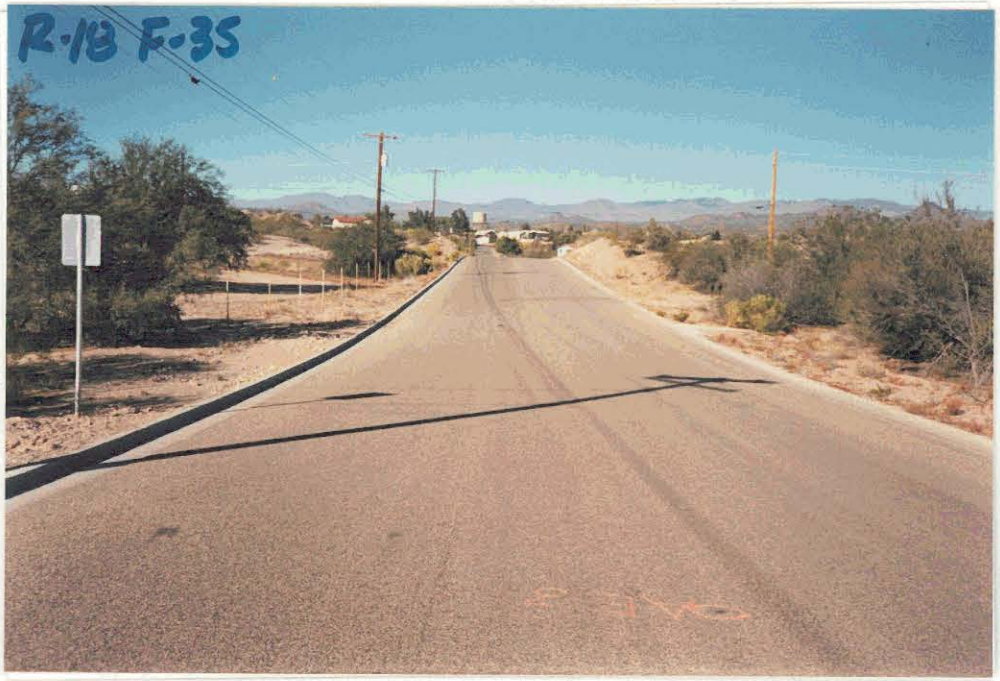
STOCK# PPV840-000




R-18 F-35

R-18
F-36
AE-3

F-36-A

BRIDGE & CULVERT SURVEY CHECKLIST

WICKENBURG AREA DRAINAGE MASTER PLAN

STRUC. NO. AE-4

LOCATION/ADDRESS LINCOLN ST., JUST SOUTH OF CENTER ST.

NAME OF WASH AE

PARTY CHIEF S. MCLAIN

STRUCTURE	DIAM.	SPAN	RISE	OWNER
CONC. BRIDGE				
C.B.C.				
CONC. PIPE				
C.M.P		1.7 FT.	1.3 FT.	C.O.W.
WOOD B.				
OTHER				

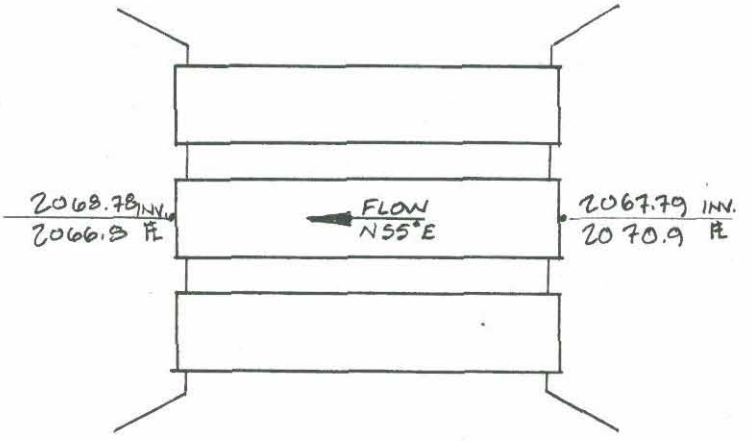
STRUC. COND.: GOOD ■, FAIR □, POOR □

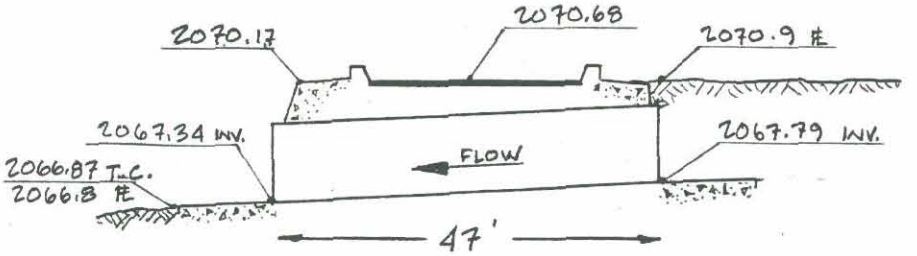
HEADWALLS : YES ■, NO □, COND. GOOD

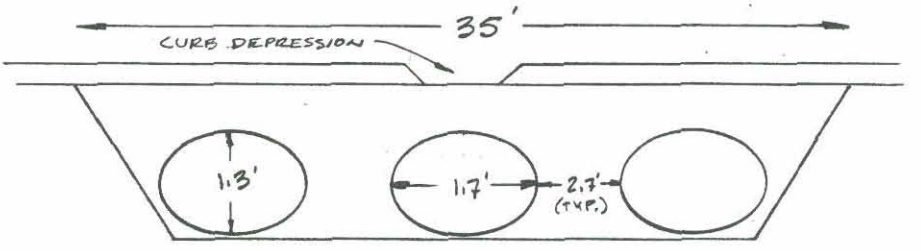
WINGWALLS : YES ■, NO □, COND. GOOD

DEPTH OF AVAILABLE HEADWATER: ± 3.0 FT.

NO. OF SPANS OR BARRELS: 3







SEE REVERSE SIDE FOR LEVEL NOTES & T.B.M.

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

STATION	+	−	ELEVATION	BENCHMARK
TBM AE-4	5.13			2071.33
A		3.67	2067.79	
B		5.73	2070.68	
C		6.19	2070.17	
D		7.68	2068.78	
E		9.12	2067.34	
F		9.59	2066.87	
G		9.7	2066.8	
H		5.6	2070.9	
T.P.		9.59		
↑	9.45			
TBM AE-4		5.00	2071.32	2071.33

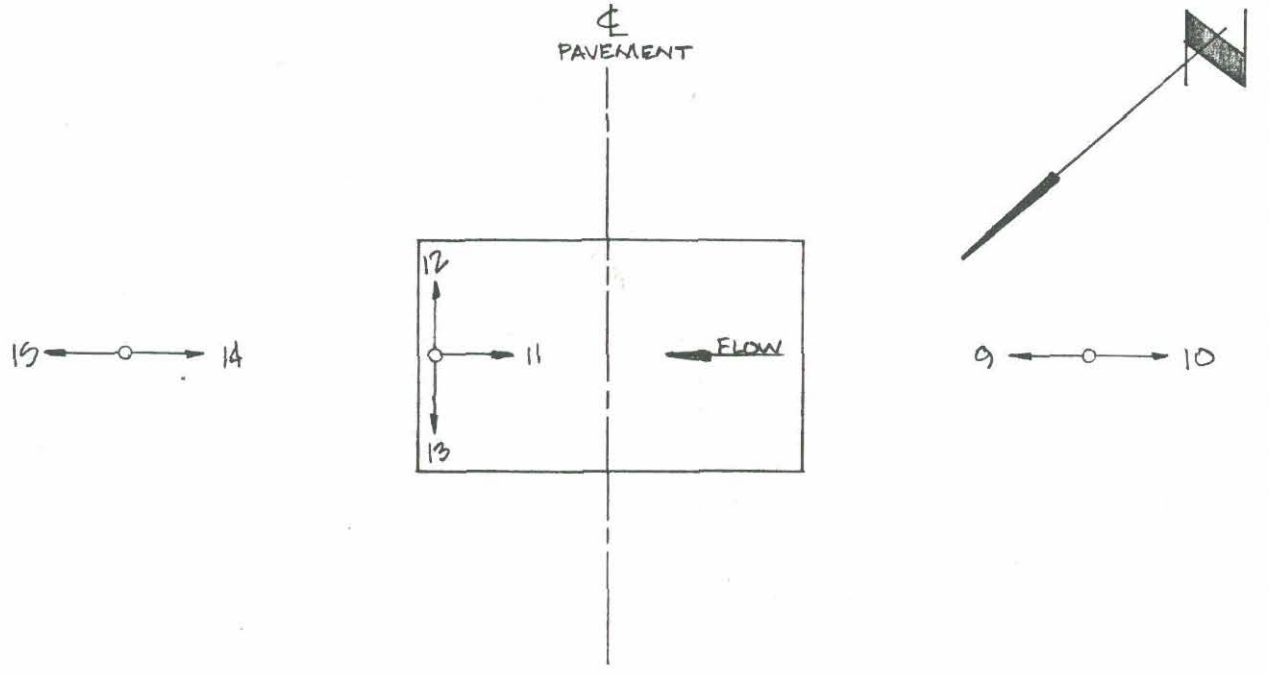
K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 0780

BRIDGE & CULVERT PHOTO LOG

SPECIAL FEATURE DIAGRAM

STRUC. NO. AE-4

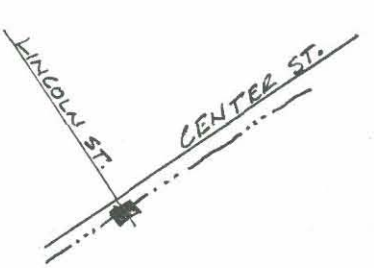
DIRECTION OF PHOTO ○⟶ 7 & FRAME NO. ROLL NO. 30



SPECIAL NOTES:

TOTAL FLOW BLOCKAGE OF SAND AT UP-STREAM END OF STRUCTURE.

T.B.M. AE-4 IS A CHISLED "+" ON THE S.W. CURB RETURN AT INTERSECTION OF LINCOLN & CENTER ST.



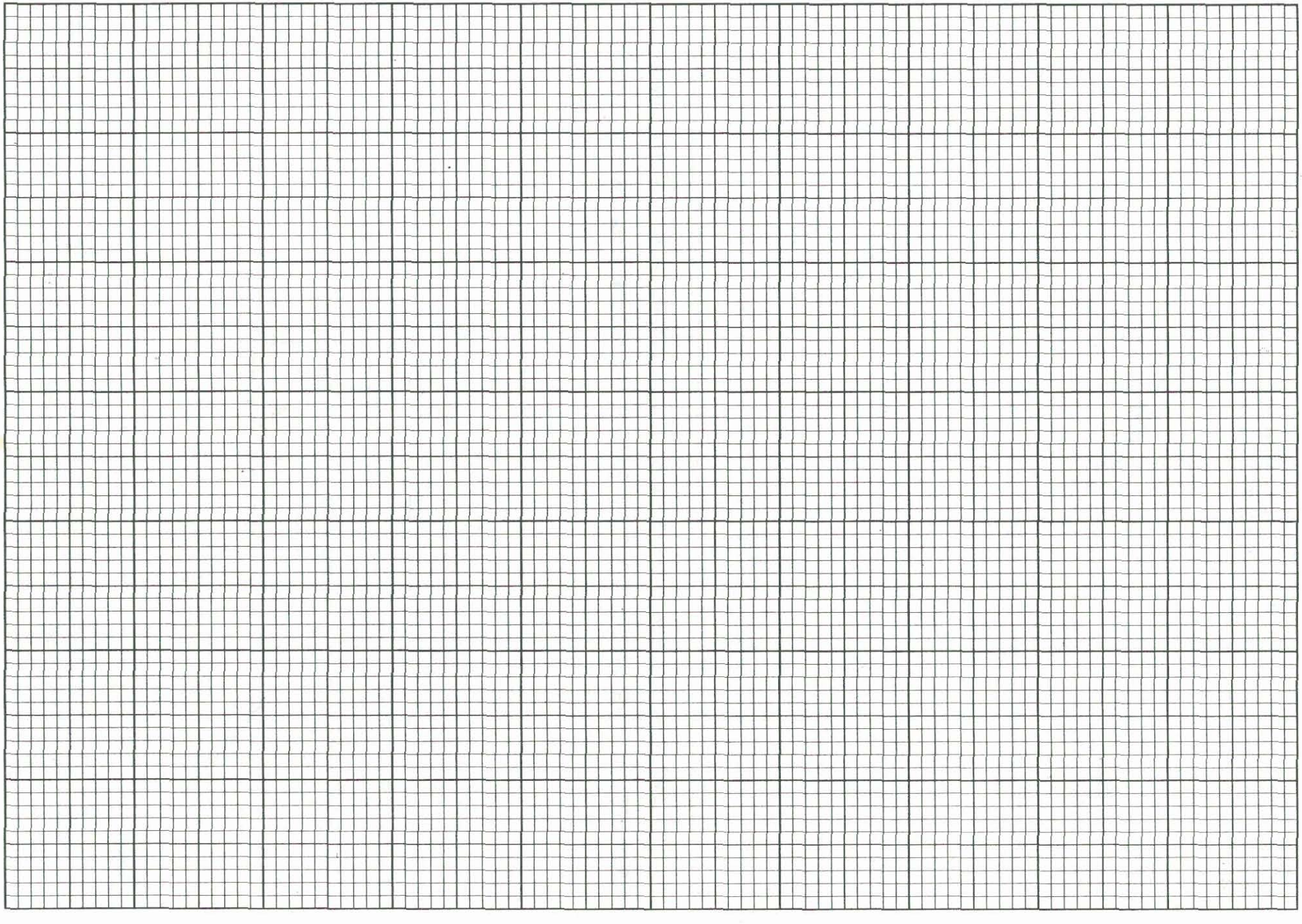
SEC. 12 T. 7N., R. 5W.
LOCATION MAP

DATE: DEC. 5 1990

McLAIN HARBERS CO., INC.

K+E 10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 0780



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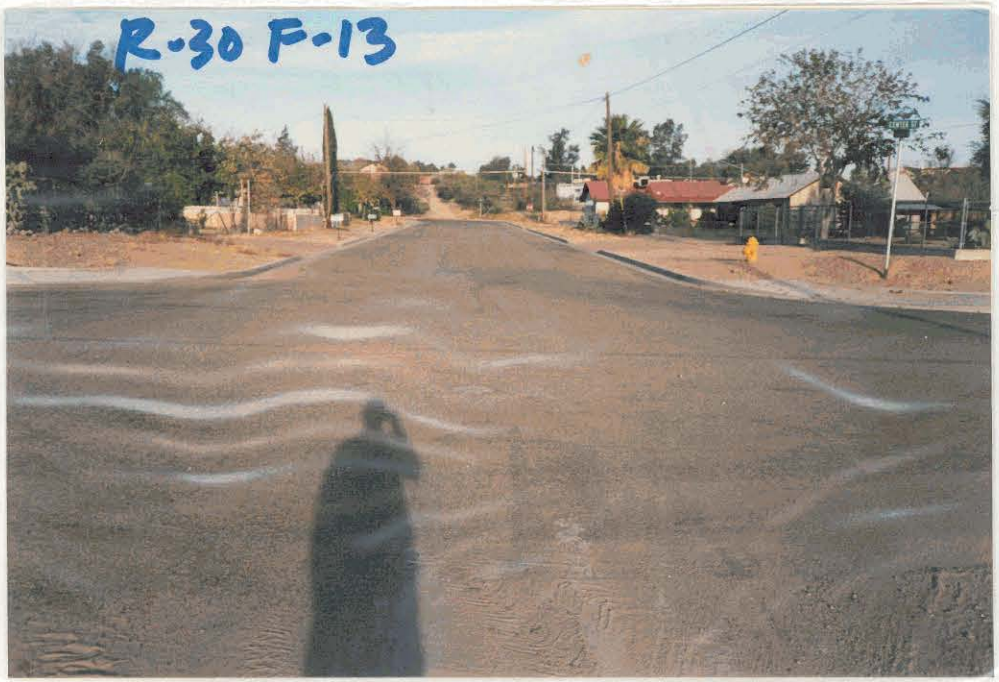
R-30 F-13

R-30 F-14
AE-4

R-30 F-15