

Appendix F
Flood History Reports

DRAINAGE STRUCTURE FLOOD SUMMARY

R-2

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 5-9-94
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
Hwy 50^B 1/10 mile west of Nepesta Rd
M.P. 343.50
Pueblo Count

STRUCTURE NO.	CULVERT: Size 24" Type Concrete
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STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
alot of rain about 3" it was dry

DEPTH OF WATER OVER ROADWAY 3 ft	Width 100 ft
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other to much rain for culvert

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)
under mined asphalt shoulder and wash shoulder on N. side of road

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
?

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

Mile Post	343.50
S.H. No.	50 ^B

Recorder (Name) Larry Mendoza	(Date) 5-11-94	Phone 263 5405
Use reverse side for any additional comments, sketches, or photographs.		

DRAINAGE STRUCTURE FLOOD SUMMARY

R2

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 5-9-94
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.) Hwy 50 M.P. 345.40-345.60

STRUCTURE NO.	CULVERT: Size 15" galv. 24" concrete Type
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STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.) a lot of rain about 3"-4" it was dry

DEPTH OF WATER OVER ROADWAY 6"	Width 40'
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other _____
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
High water just came off of farmer's land and came across the road

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

Recorder (Name) Larry Mendoza	(Date) 5-9-94	Phone 263 5405
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Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 50 B	Mile Post 345.60
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DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 5/9/94

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
Hwy 50 B MP 354.42 R-2

STRUCTURE NO. L-21-A Ctero Canal **CULVERT:** Size 27 ft Type Bridge

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.) 3"

DEPTH OF WATER OVER ROADWAY 6" **Width** 24 ft

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other _____
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)
water from drain ditch ran over top of bridge and wash dirt away from wing wall.

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
5/11/94 back filled around wing wall, took 72 cu. yd. of dirt.

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

Recorder (Name) Stephen D Pitts **(Date)** 5/11/94 **Phone** 263-5405

Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 50 B
Mile Post 354.42

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO
DIVISION OF HIGHWAYS
DOH Form No. 293
Rev. June, 1983

22 23 24 25 26 27 28 29 30
JUN 1995
DRAINAGE DESIGN OFFICE
D.O.H.

SEND TO:

STAFF DESIGN
HYDRAULICS UNIT
4201 East Arkansas Avenue
Denver, CO 80222

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 6-7-94 - 6-8-94

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.) Hwy 50 M.P. 354.40

STRUCTURE NO. L-21-A **CULVERT:** Size Type

STREAM NAME Otero Canal

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

DEPTH OF WATER OVER ROADWAY 2" **Width** 24'

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other _____
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)
Wash out along side of S.W. wing wall about 6' deep x 20' long.
That morning had crew fill in washout at guardrail + wing wall

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area) Larry Mendoca Greg Wingard

Recorder (Name) Larry Mendoca **(Date)** 6-11-95 **Phone** 263 5405
Use reverse side for any additional comments, sketches, or photographs.

S.H. No. Hwy 50
Mile Post 354.40

B. TORRES

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO
DIVISION OF HIGHWAYS
DOH Form No. 293
Rev. June, 1983

SEND TO: STAFF DESIGN
HYDRAULICS UNIT
4201 East Arkansas Avenue
Denver, CO 80222

R-2

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 4-27-93

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.) Hwy 50B M.P. 359.90

STRUCTURE NO. **CULVERT:** *Drains*
Size Type

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.) *alot of rain it was dry*

DEPTH OF WATER OVER ROADWAY *8"* **Width** *24'*

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other *Drains plugged / LEAVES & MUD.*
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
N/A

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
City of Mancanola needs to take care of drains - Problem is within city limits.



SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

Mile Post 359.90
S.H. No. 50B ✓

Recorder (Name) *Larry Mendoza* **(Date)** *4-28-93* **Phone** *263 5405*
Use reverse side for any additional comments, sketches, or photographs.

B. TORRES

SEND TO:

STAFF DESIGN
HYDRAULICS UNIT
4201 East Arkansas Avenue
Denver, CO 80222

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE:

Rainfall Snowmelt Other

DATE OF FLOODING

7-14-93

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)

Hwy 50^B M.P. 359.90

R-2

STRUCTURE NO.

CULVERT:

Size

Drain
Type

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

alot of rain

it was dry

DEPTH OF WATER OVER ROADWAY

Width

8"

24'

DEBRIS: (Indicate the debris that affected the structure's capacity.)

Trees Brush Rocks Silt Other

Drain - plugged

Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)



DAMAGE OR SCOUR: Yes No

If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)

City of Manzanola needs to take care of drains

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage)

List address and phone number so he may be contacted for additional information.

Include years familiar with area)



S.H. No.

50B

Mile Post

359.90 ✓

Recorder (Name)

Larry Mendoza

(Date)

7-14-93

Phone

263 5405

Use reverse side for any additional comments, sketches, or photographs.

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** - 5/9/94

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.) Hwy 50 B MP 359.90 R-2

STRUCTURE NO. **CULVERT:** Drain Type
Size

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.) about 3" dry

DEPTH OF WATER OVER ROADWAY 8" **Width** 48'

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other Drain to small
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
2 ft.

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
City of Manzanola needs to take care of drain

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

S.H. No. 50 B ✓
Mile Post 359.90

Recorder (Name) Stephen Pitts **(Date)** 5-11-94 **Phone** 263 5405

Use reverse side for any additional comments, sketches, or photographs.

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 6-2-94
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
Hwy 50B M.P. 359.90

STRUCTURE NO.	CULVERT: Size	Drains Type R-2
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STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
alot of rain it was dry

DEPTH OF WATER OVER ROADWAY 8"	Width 24'
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other _____
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
City of Manzanola need to take care of drain

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

S.H. No.	Mile Post
50B	359.90

Recorder (Name) Larry Mendoza	(Date) 5-3-94	Phone 263 5405
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Use reverse side for any additional comments, sketches, or photographs.

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING**
4-27-93

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.) Hwy 50^B east 1 1/2 miles from JCT 71+50
M.P. 366.20

STRUCTURE NO. **CULVERT:**
Size Type Galvanized

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.) a lot of rain it was dry

DEPTH OF WATER OVER ROADWAY **Width**
8" 60'

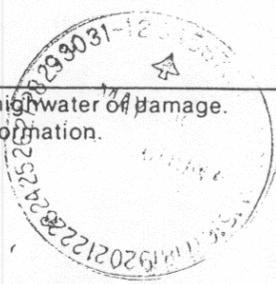
DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other weeds, Hay, straw
Amount ?

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
top of existing culverts. N/A

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
Drain structure's too small to handle water
Ditch's and culverts need to be looked at

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)



Recorder (Name) Larry Mendoza **(Date)** 4-28-93 **Phone** 263 5405
Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 50^B ✓ **Mile Post** 366.20 ✓

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 6-11-92

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)

50 B East Bound w m 372.10

STRUCTURE NO. N/A **CULVERT:** Size 18" Type CWP

STREAM NAME N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

1.08 inches of Rain, 45 min duration, wet.

DEPTH OF WATER OVER ROADWAY 2" **Width** 12'

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A

Amount:

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

to bottom of culvert

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location.)

Too much Rain in short period of time for size of culvert.
All culverts opened, no debris.

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

Ron Roberts (3.) 28201 Hwy 50 West Ra Junction
Randy Jensen (0) 719 354-7597

Recorder (Name) Ron Roberts **(Date)** 6-15-92 **Phone** 384-7597

Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 50.B
Mile Post 372.10

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 6.11.92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
508 Eastbound MM 372.70

STRUCTURE NO. N/A	CULVERT: Size 18 Type CMP
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
.28 inch of Rain 45 min duration wet

DEPTH OF WATER OVER ROADWAY 2"	Width 10 FT
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A

Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
20" bottom of culvert

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
Too much Rain in a short Period of time for size of culvert.
All culverts were opened w/ debris

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
Ron Roberts 3128001 Hwy 50 West La Junta
Randy Jensen 719-384-7597

SH.No. 508	Mile Post 372.70
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Recorder (Name) Ron Roberts	(Date) 6.15.92	Phone 384-7597
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Use reverse side for any additional comments, sketches, or photographs.

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 6-11-92

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
50B Eastbound 1/2 mi 375.30 D-2

STRUCTURE NO. N/A **CULVERT:** 24 x 24 CMAA (Sgt)
Size 27" x 44" Type CMAA

STREAM NAME N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
1.8 inches 45 mins duration wet

DEPTH OF WATER OVER ROADWAY 3'-4" **Width** 17'

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
3' from bottom of culvert

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
Former turned irrigation water loose during storm. All culverts were opened & no debris. Didn't cross the road and culvert was 1/4 mile East of culvert.

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
Ron Roberts 28201 Hwy 50 West
Wendy Senses 10000 E. 1st Ave.

Recorder (Name) Ron Roberts **(Date)** 6-15-92 **Phone** 384-2507

Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 50B **Mile Post** 374.60

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 6-11-92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)

50 B Eastbound w m 374.60

STRUCTURE NO. N/A	CULVERT: Size 36" Type CAMP
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

1.8 inches of Rain, 45 min duration, wet.

DEPTH OF WATER OVER ROADWAY 4'-6"	Width 18 FT.
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

42" from bottom of Culvert.

DAMAGE OR SCOUR: Yes No

If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)

TOO much water in a short period of time for size of culvert.
NOT overroad at culvert 1/4 mile west of there
All culverts were open no debris

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

RON ROBERTS (B) 28201 Hwy 50 west La Junta
RANDY JENSEN (O)

SH. No. 50 B
Mile Post 374.60

Recorder (Name) Ron Roberts	(Date) 6-15-92	Phone 384-7597
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DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 6-11-92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)

508 East Board, mm 375.90-376.30

STRUCTURE NO. N/A	CULVERT: Size N/A Type N/A
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

1.8 inches of Rain, 45 min duration, wet

DEPTH OF WATER OVER ROADWAY 3-4 inches	Width 38 ft.
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DEBRIS: (Indicate the debris that affected the structure's capacity.)

Trees Brush Rocks Silt Other N/A

Amount:

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

N/A

DAMAGE OR SCOUR: Yes No
 if yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)

All culverts were opened, no debris

Farmer turned irrigation water loose during Rain Storm

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)

*RON ROBERTS (3)
 28001 Hwy 50 west La Junta
 RANDY JENSEN (0)
 719-384-7597*

S.H. No. 508	Mile Post 375.90
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Recorder (Name) Ron Robert	(Date) 6-15-92	Phone 384-7597
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DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 7-15-92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
50A Eastbound near 375-90 - 376.30

STRUCTURE NO. N/A	CULVERT: Size N/A Type N/A
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
1.2 inches of Rain, 45 min duration wet

DEPTH OF WATER OVER ROADWAY 3-4 inches	Width 38 ft
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A

Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
N/A

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
All culverts were opened, no debris
Farmer tunnel irrigation water base during Rain Storm

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
Randy Jones
28211 Hwy 10 West of Lake
719-514-2577

Recorder (Name) Ron Roberts	(Date) 7-23-92	Phone 384-7597
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Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 508	Mile Post 375.90
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DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 7-20-92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
D-2
52 B East Bound N M 375.90 - 376.30

STRUCTURE NO. N/A	CULVERT: Size Type N/A
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
1.2 inches of Rain, 45 min duration wet

DEPTH OF WATER OVER ROADWAY 3.4 inches	Width 38 ft.
--	------------------------

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
N/A

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
Net culvert was opened, no debris
Some tunnel drainage into house during Rain Storm

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
R. Robert G. [unclear] [unclear] [unclear]
Early June '92 384 2597

S.H. No. 508
Mile Post 375.90

Recorder (Name) R. Robert	(Date) 7-23-92	Phone 384 2597
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Use reverse side for any additional comments, sketches, or photographs.

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING <div style="text-align: center; font-size: 1.2em;">6-11-92</div>
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)

STRUCTURE NO. <div style="text-align: center; font-size: 1.2em;">50 B West Bounel</div>	CULVERT: <div style="text-align: center; font-size: 1.2em;">3/10 East of m.m. 376</div>
STREAM NAME <div style="text-align: center; font-size: 1.2em;">N/A</div>	Size <div style="text-align: center; font-size: 1.2em;">N/A</div> Type <div style="text-align: center; font-size: 1.2em;">N/A</div>

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)

DEPTH OF WATER OVER ROADWAY <div style="text-align: center; font-size: 1.2em;">3-4 inches</div>	Width <div style="text-align: center; font-size: 1.2em;">14 FT.</div>
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DEBRIS: (Indicate the debris that affected the structure's capacity.)

Trees Brush Rocks Silt Other

N/A

Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)

N/A

DAMAGE OR SCOUR: Yes No

If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design or alleviate problem. Also, list any other undocumented flood history at this location)

All culverts were opened, no debris

Farmer tunnel irrigation water loose during Rain Storm

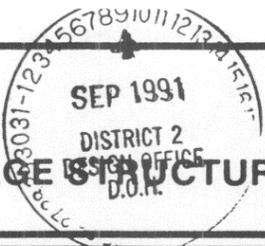
SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)	Mile Post <div style="text-align: center; font-size: 1.2em;">376.30</div>
<div style="font-size: 1.2em;"> Ron Roberts (3) } 8201 Hwy 50 West La Junta Randy Jensen (0) } 719-384-7597 </div>	S.H. No. <div style="text-align: center; font-size: 1.2em;">508</div>

Recorder (Name) <div style="font-size: 1.5em;">Ron Roberts</div>	(Date) <div style="font-size: 1.2em;">6-15-92</div>	Phone <div style="font-size: 1.2em;">384-7597</div>
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DEPARTMENT OF HIGHWAYS
STATE OF COLORADO
DIVISION OF HIGHWAYS
DOH Form No. 293
Rev. June, 1983

SEND TO: STAFF DESIGN
HYDRAULICS UNIT
4201 East Arkansas Avenue
Denver, CO 80222

DRAINAGE STRUCTURE FLOOD SUMMARY



D-2

CAUSE: Rainfall Snowmelt Other **DATE OF FLOODING** 9-3-91

FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
503 W W 376. 379

STRUCTURE NO. **CULVERT:**
Size 18" x 24" Type

STREAM NAME

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
Approx 3"

DEPTH OF WATER OVER ROADWAY **Width**
3" 300'

DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A
Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
3'

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
Don Roberts } 35201 Hwy 10 West
Randy Jensen } CAJAN TA 8100

Recorder (Name) Don Roberts **(Date)** 9-3-91 **Phone** 584-2197

Use reverse side for any additional comments, sketches, or photographs.

S.H. No. 503
Mile Post 376.379

DRAINAGE STRUCTURE FLOOD SUMMARY

CAUSE: Rainfall <input checked="" type="checkbox"/> Snowmelt <input type="checkbox"/> Other <input type="checkbox"/>	DATE OF FLOODING 7-20-92
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FLOODING LOCATION (Include SH No., direction and distance from a reference point such as a highway junction, major structure, geographical reference, or milepost.)
50B west Bound 376.30 D-2

STRUCTURE NO. N/A	CULVERT: Size N/A Type N/A
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STREAM NAME
N/A

AMOUNT OF RAINFALL (Give local reports of the depth and duration of the rainfall. Indicate ground moisture condition before the storm.)
1.2 inches of Rain 45 min duration wet.

DEPTH OF WATER OVER ROADWAY 3-4 inches	Width 14 ft
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DEBRIS: (Indicate the debris that affected the structure's capacity.)
Trees Brush Rocks Silt Other N/A

Amount

WATER DEPTH AT STRUCTURE ENTRANCE: (Reference the highwater to some permanent object such as the bottom of a bridge girder, top of the culvert, or shoulder of the roadway. This should be as accurate as possible.)
N/A

DAMAGE OR SCOUR: Yes No
If yes, specify (Describe extent of damage and needed repair.)

COMMENTS: (List any pertinent facts, such as traffic delays, detours, duration of highwater. Suggestions for improving design to alleviate problem. Also, list any other undocumented flood history at this location)
All culverts were opened, no debris
farmer tunnel irrigation water loss during Rain Storm

SOURCE OF INFORMATION: (Give name of person(s) observing the highwater or damage. List address and phone number so he may be contacted for additional information. Include years familiar with area)
P. Roberts (C) 20201 Hwy 50 west Ft. Collins
Candy Jones (C) 715 224-1199

Recorder (Name) P. Roberts	(Date) 7-23-92	Phone 384-2099
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Use reverse side for any additional comments, sketches, or photographs.

SH. No. 50B	Mile Post 376.30
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