#1

[redacted]

UNIT [redacted] DATE [redacted]

BRIDGE REPORT: Inclosure 1 to Road Report Number RR#33.

1. Mileage reading [redacted] Location (grid coord)_____.
2. Length 194 ft; Overall width 15 ft; Road width 13½ ft.
3. Abutments: Type Ramp Material Wood.
4. Posts: Number of 70; Size 15; Material Wood.
5. Spans: Number of 7; Length 20 [redacted]; Material Wood.
6. Stringers: Number of_____; Length Wood & Metal;
Dimensions or diameter 15" indiv in; Material Wood & I Beams
7. Deck: Thickness 6 in; Material Wood; Condition Poor.
8. Clearance: Verticle N/A ft; Horizontal 15' [redacted] ft.
9. Height of bridge above water 35 ft; Depth of water 25 ft.
10. Stream width 60 ft; Current Velocity 7 ft per sec.
11. Stream banks: Grade STEEP; Material Soft Soil.
12. Height of stream banks 28' ft; Type of vegetation along banks
Weeds & Small Trees.
13. Stream bottom: Type material Mud; Bypass conditions* D.

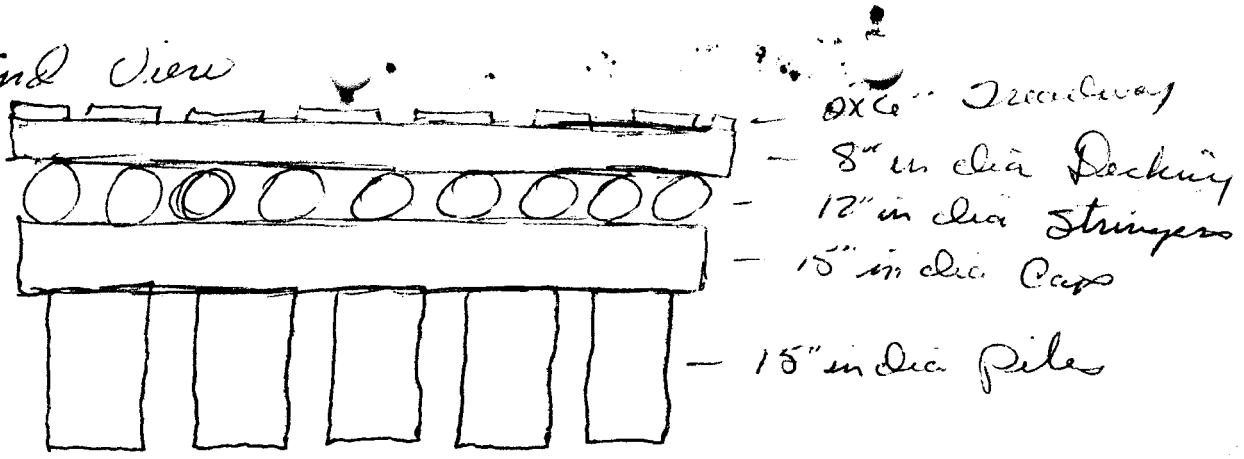
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

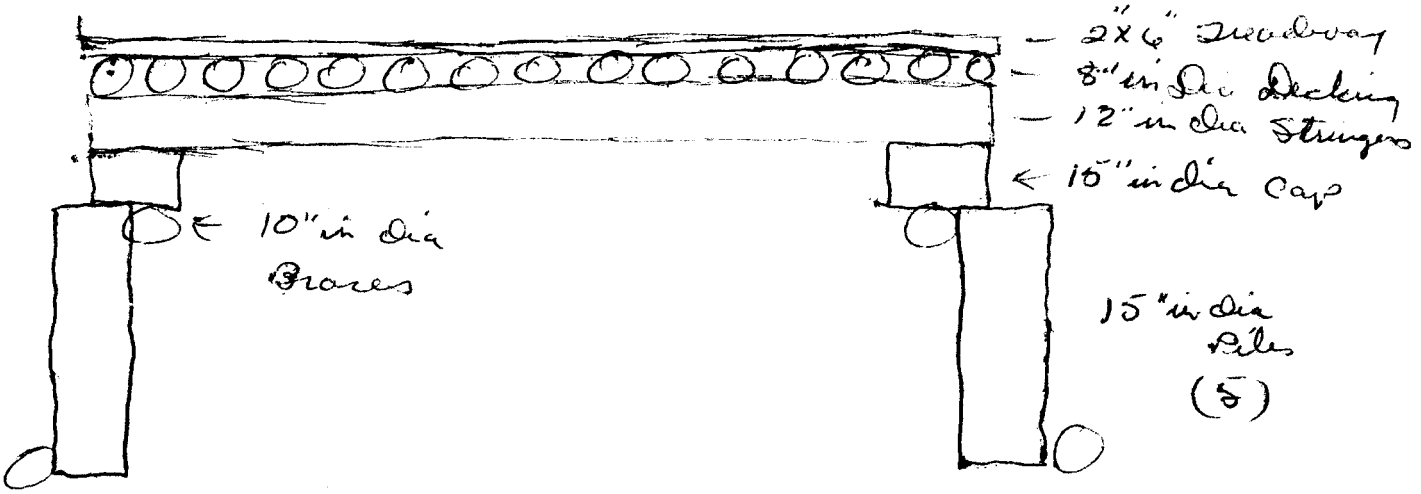
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

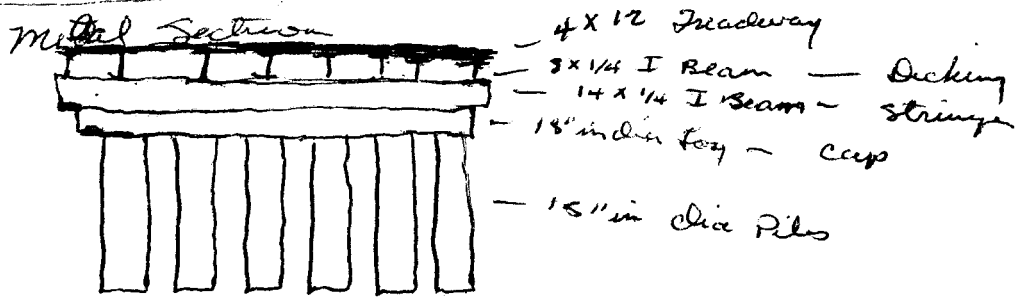
End View

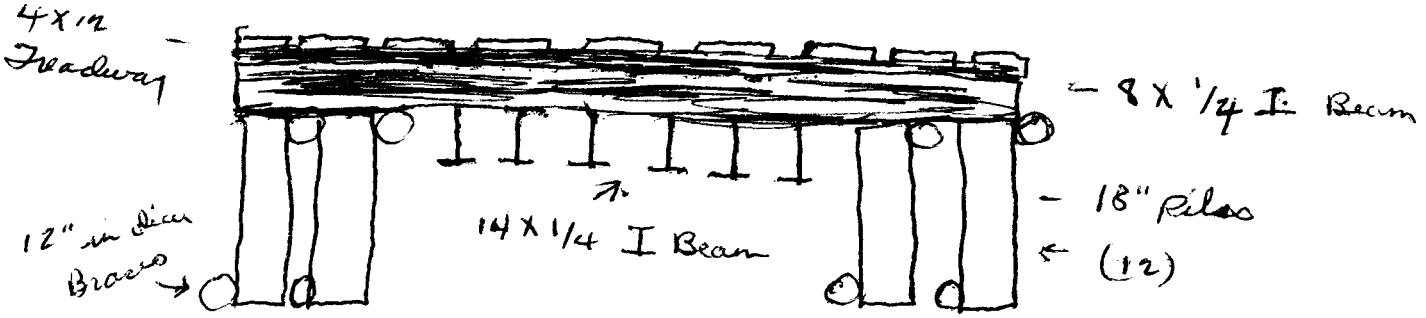


Side Section - Wooden Span



Middle Section





~~1~~ 2 Bridge Completely Destroyed

UNIT By Pass is Permanate & Easy DATE

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 98' ft; Overall width 18 ft; Road width 12½' ft.
3. Abutments: Type Temp Material Wood.
4. Posts: Number of 24"; Size 10"; Material Wood.
5. Spans: Number of 6; Length 19½"; Material Wood.
6. Stringers: Number of 8; Length 19'2" ; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness — in; Material —; Condition Not Passable by any Vehicle
8. Clearance: Verticle N/A ft; Horizontal 12' ft.
9. Height of bridge above water 7 ft; Depth of water _____ ft.
10. Stream width 19 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade GENTLE; Material Soft Soil.
12. Height of stream banks _____ ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Mud; Bypass conditions* E.

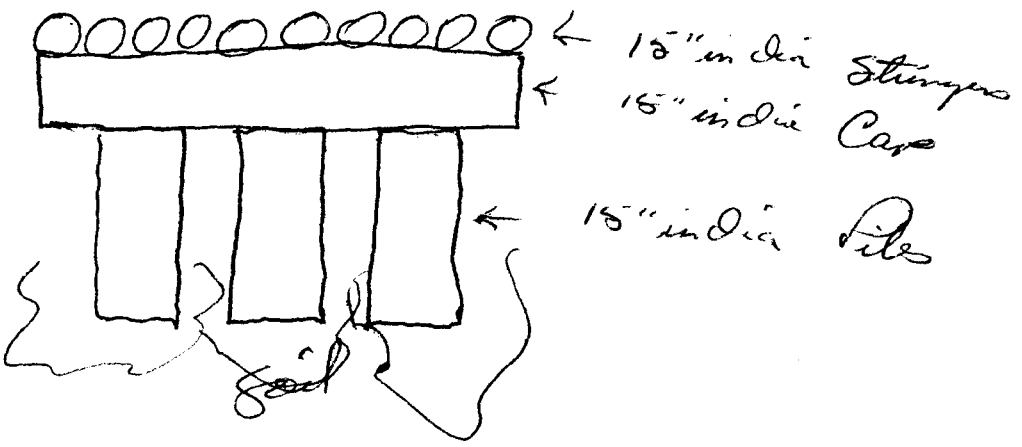
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

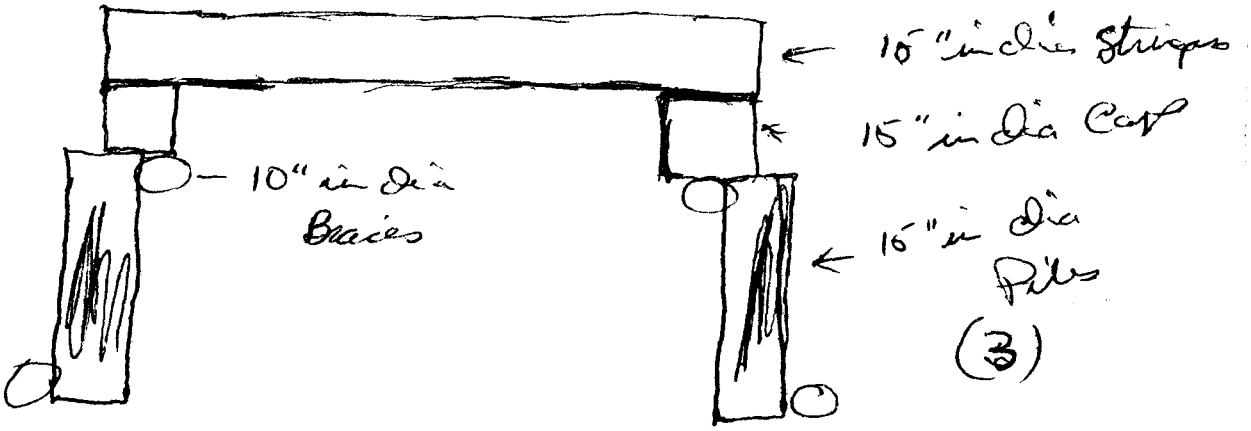
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



(3)

#11
3

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 50' ft; Overall width 21' ft; Road width 20 ft.
3. Abutments: Type Permanate Material Wood.
4. Posts: Number of 20; Size 18 inch; Material Wood.
5. Spans: Number of 3; Length 16' ; Material Wood.
6. Stringers: Number of 10; Length [illegible]; Dimensions or diameter 15 in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Fair.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 14' ft; Depth of water 2 ft.
10. Stream width 16 ft; Current Velocity 1 ft per ~~sec.~~ min
11. Stream banks: Grade Steep; Material Hard Clay.
12. Height of stream banks 7 ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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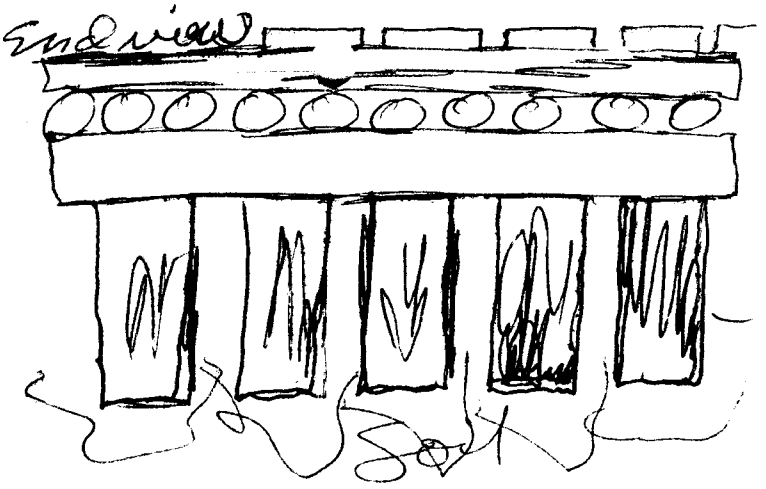
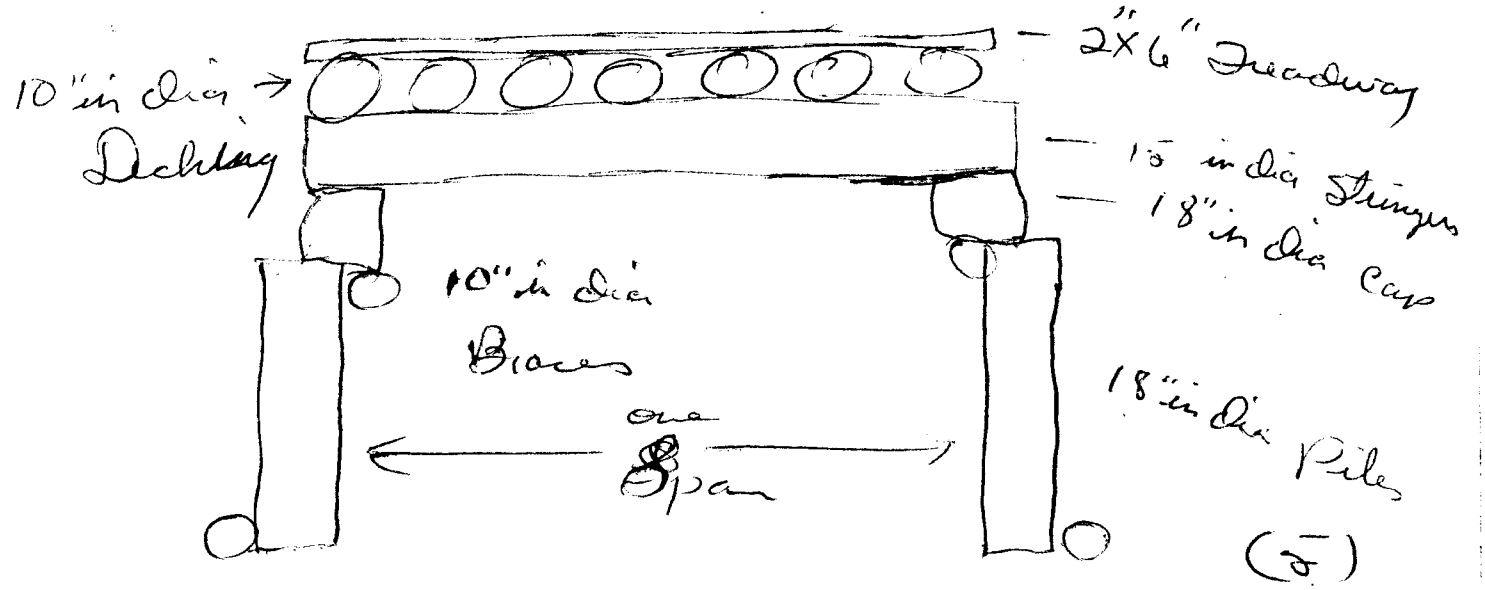

End view
2"-6" Treadway
10" in dia Decking
18" in dia Cap
18" in dia Pile


10" in dia Decking
2"x6" Treadway
15 in dia Stringer
18" in dia Cap
10" in dia Braces
18" in dia Pile
one Span

#4

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 50 ft; Overall width 21 ft; Road width 20 ft.
3. Abutments: Type Jump Material Wood.
4. Posts: Number of 90; Size 18"; Material Wood.
5. Spans: Number of 3; Length 16'; Material Wood.
6. Stringers: Number of 12; Length 16'; Dimensions or diameter 15" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Fair.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 13' ft; Depth of water 1' ft.
10. Stream width 10 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Bushes.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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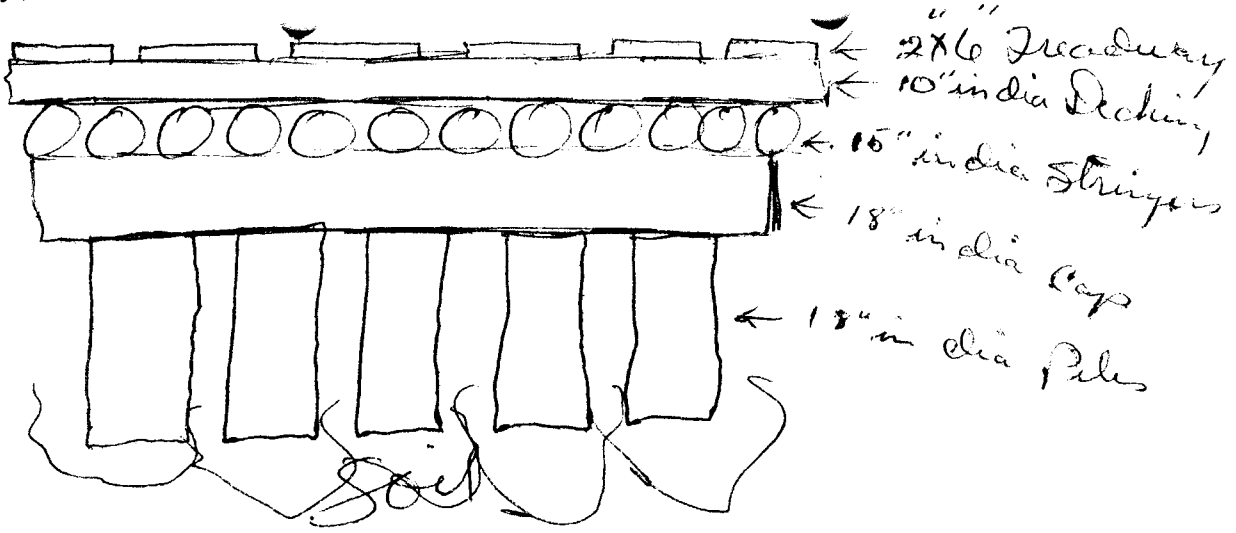
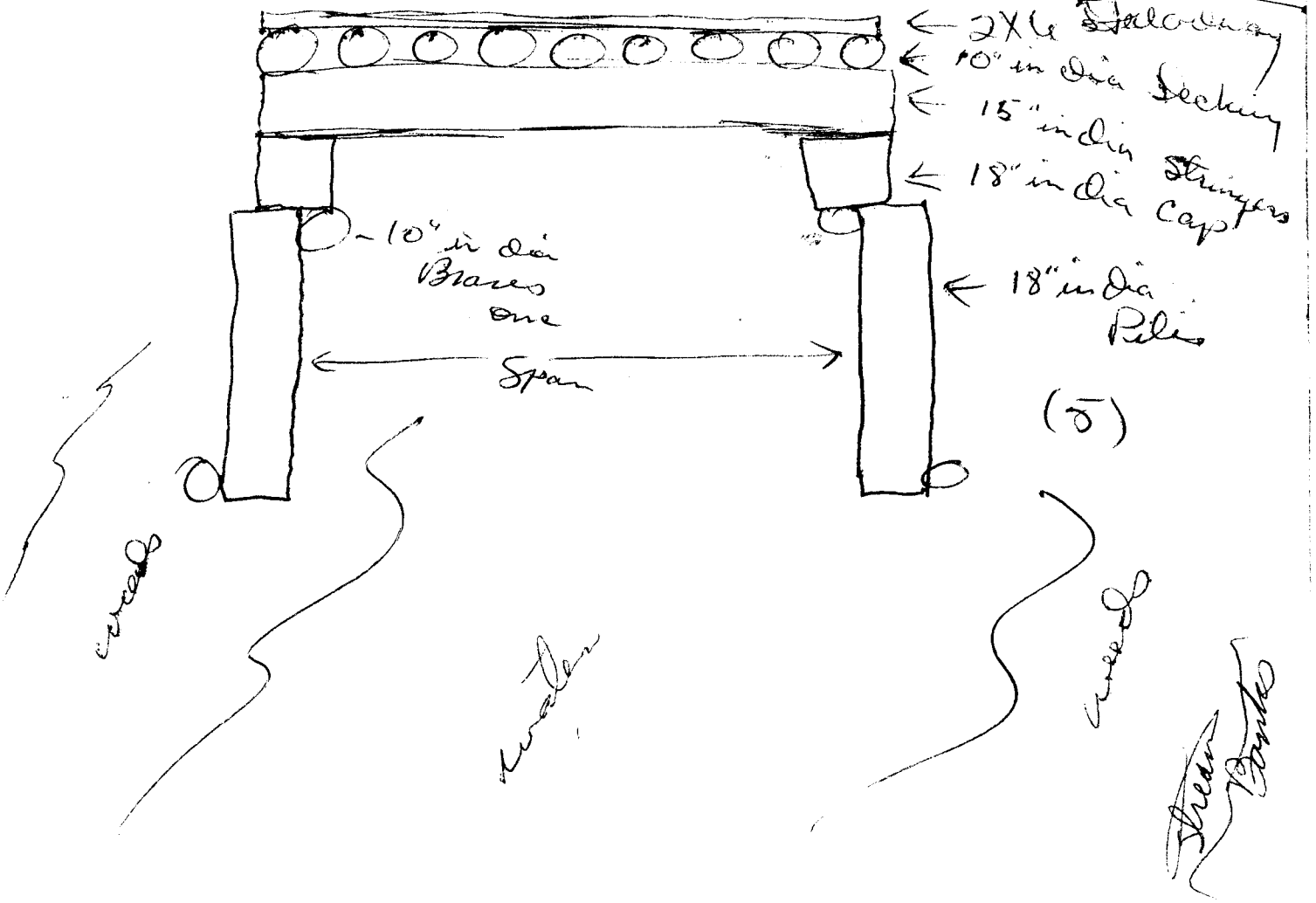
End View



Side Section



#5

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord)_____.
2. Length 43' ft; Overall width 9' ft; Road width 9' ft.
3. Abutments: Type Temp Material Wood.
4. Posts: Number of 8 ; Size 14" ; Material Wood.
5. Spans: Number of 2 ; Length 30/15 Material Wood.
6. Stringers: Number of 8 ; Length _____;
Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness — in; Material —; Condition —.
8. Clearance: Verticle N/A ft; Horizontal N/A ft.
9. Height of bridge above water 7 ft; Depth of water 1 ft.
10. Stream width 6 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Steep; Material Hard Sand.
12. Height of stream banks 3 ft; Type of vegetation along banks
Weeds + Rice fields.
13. Stream bottom: Type material Mud; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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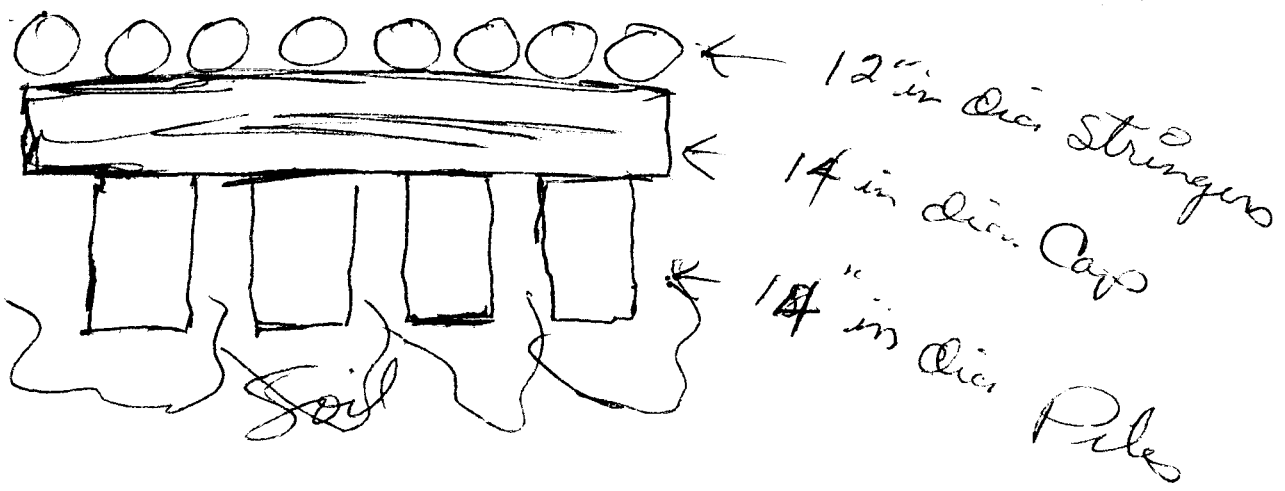
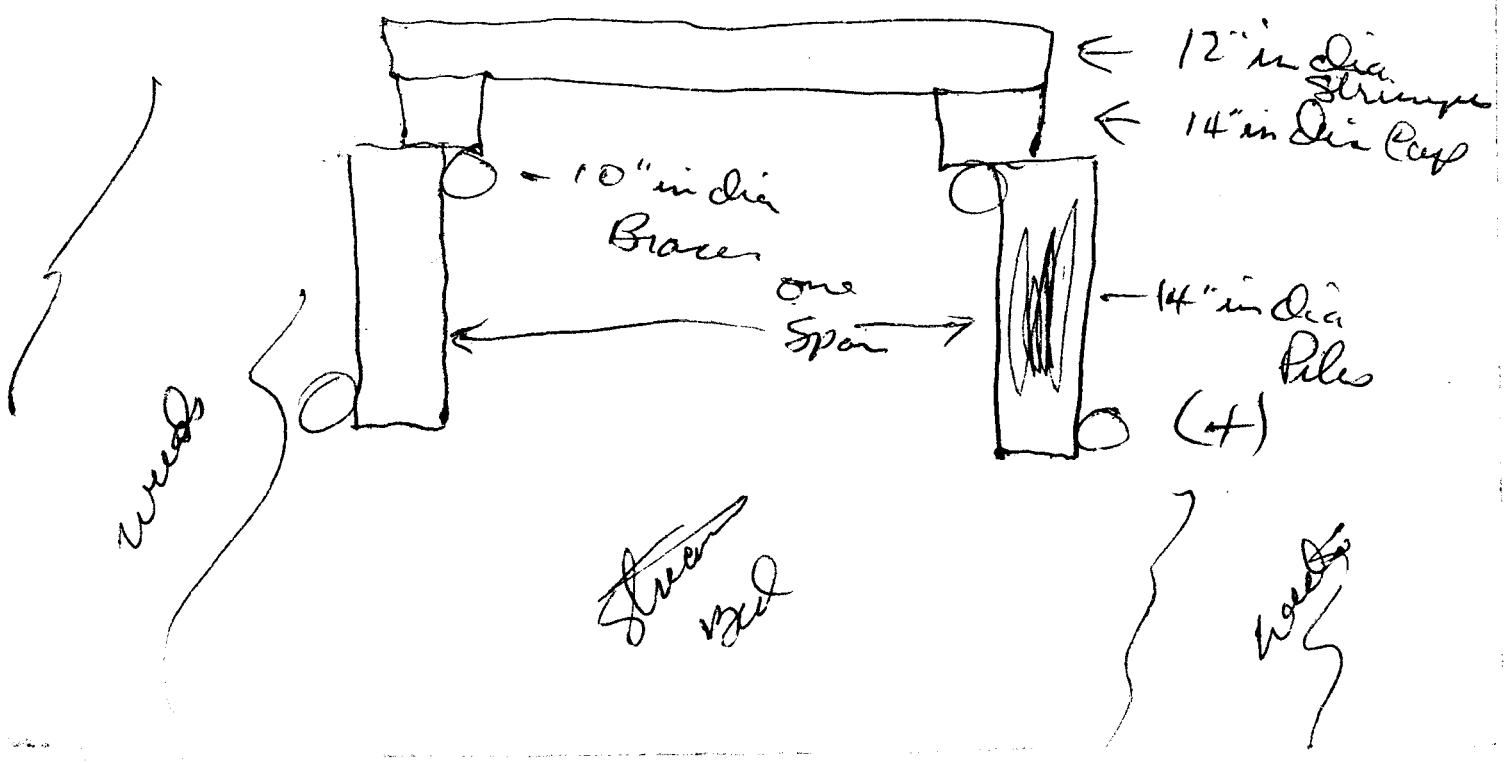
End View



Side Section



#6

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 35 ft; Overall width 7 ft; Road width 2/2 ft.
3. Abutments: Type Pennate Material Wood.
4. Posts: Number of 1; Size 48"in; Material Wood.
5. Spans: Number of 2; Length 17'6"; Material Wood.
6. Stringers: Number of 4; Length 17'6"; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness ___ in; Material _____; Condition P.
8. Clearance: Verticle N/A ft; Horizontal N/A ft.
9. Height of bridge above water 2 ft; Depth of water 1 ft.
10. Stream width 11 ft; Current Velocity No Flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 2 ft; Type of vegetation along banks Weeds & Grass.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

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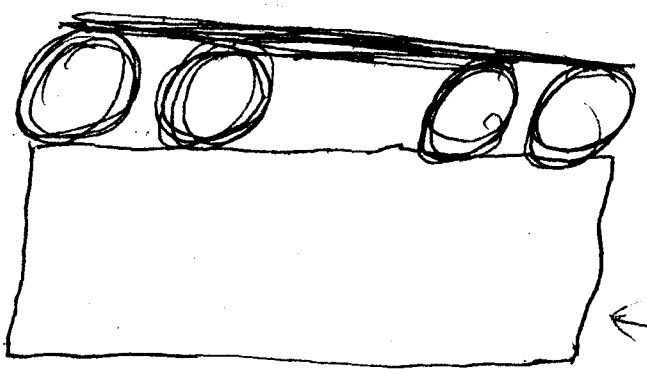
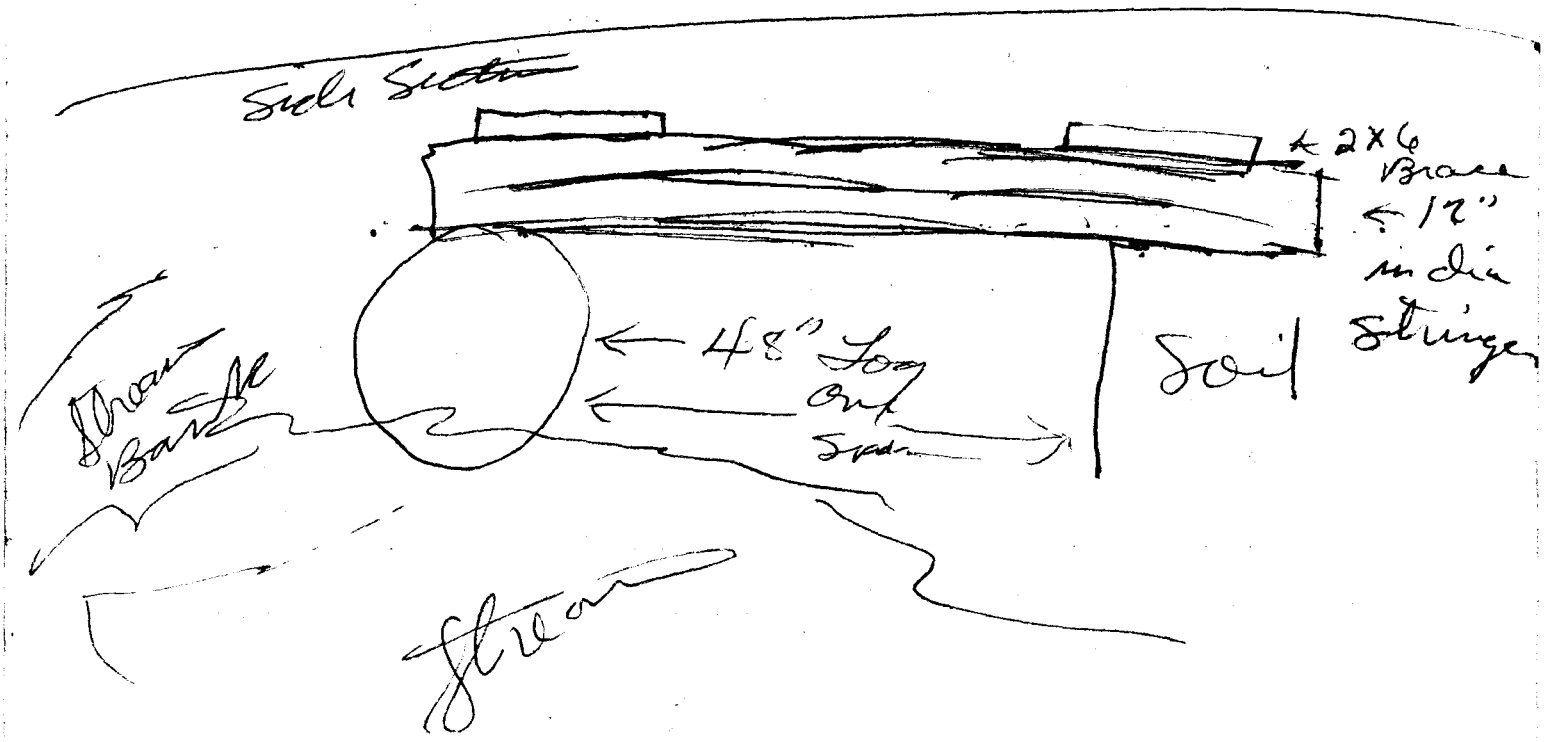
End View


2"x6" Brace
12" min dia Stringers
Soil


Side Section
2x6 Brace
12" min dia Stringers
48" Long
Soil
Stream Bank
Stream

#7

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord)_____.
2. Length 85' ft; Overall width 9' ft; Road width 2 1/2' ft.
3. Abutments: Type ~~Timber~~ Temp. Material Wood.
4. Posts: Number of 24; Size 8"; Material Wood.
5. Spans: Number of 3; Length 28'; Material Wood.
6. Stringers: Number of 7; Length 28'; Dimensions or diameter 10 in; Material Wood.
7. Deck: Thickness 4 in; Material Wood; Condition Poor.
8. Clearance: Verticle N/A ft; Horizontal N/A ft.
9. Height of bridge above water 8 ft; Depth of water 4 ft.
10. Stream width 40 ft; Current Velocity 1 ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Mud; Bypass conditions* D.

* BYPASS CONDITIONS:

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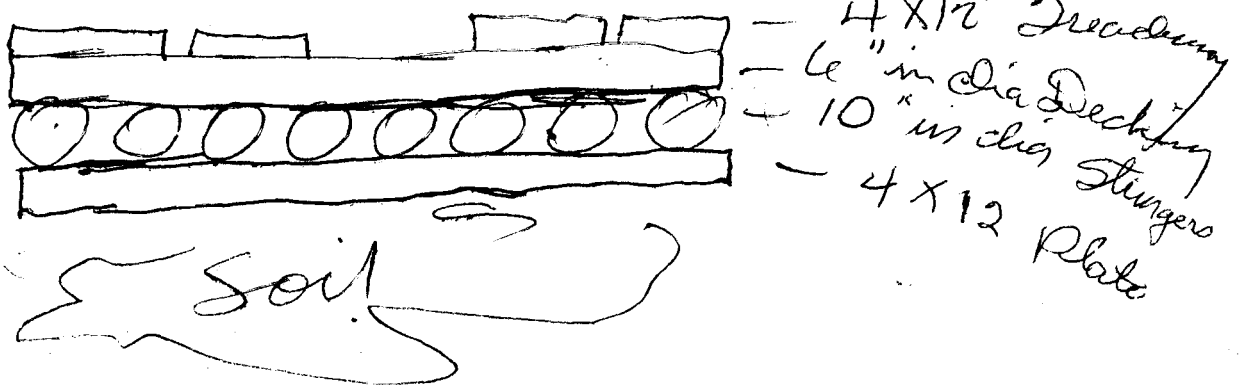
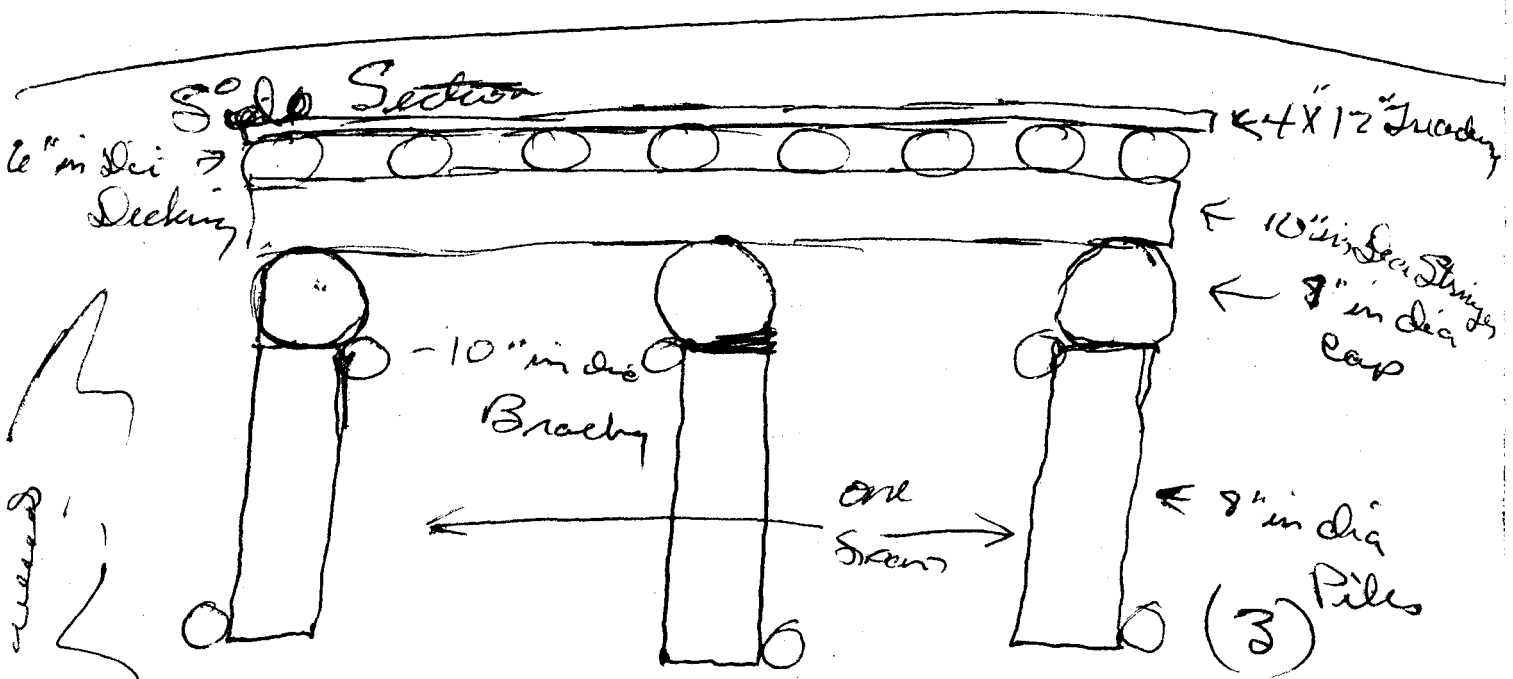
End View



Side Section



#8

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 99 ft; Overall width 15' ft; Road width 12' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 28; Size 18" ; Material Wood.
5. Spans: Number of 4; Length [illegible]; Material Wood.
6. Stringers: Number of 8; Length 18' ; Dimensions or diameter 14" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Fair.
8. Clearance: Verticle N/A ft; Horizontal 15' ft.
9. Height of bridge above water 20 ft; Depth of water 4 ft.
10. Stream width 50 ft; Current Velocity 3 ft per sec.
11. Stream banks: Grade STEEP; Material Hard Soil.
12. Height of stream banks 12 ft; Type of vegetation along banks Weeds & Large Trees.
13. Stream bottom: Type material Mud; Bypass conditions* E.

* BYPASS CONDITIONS:

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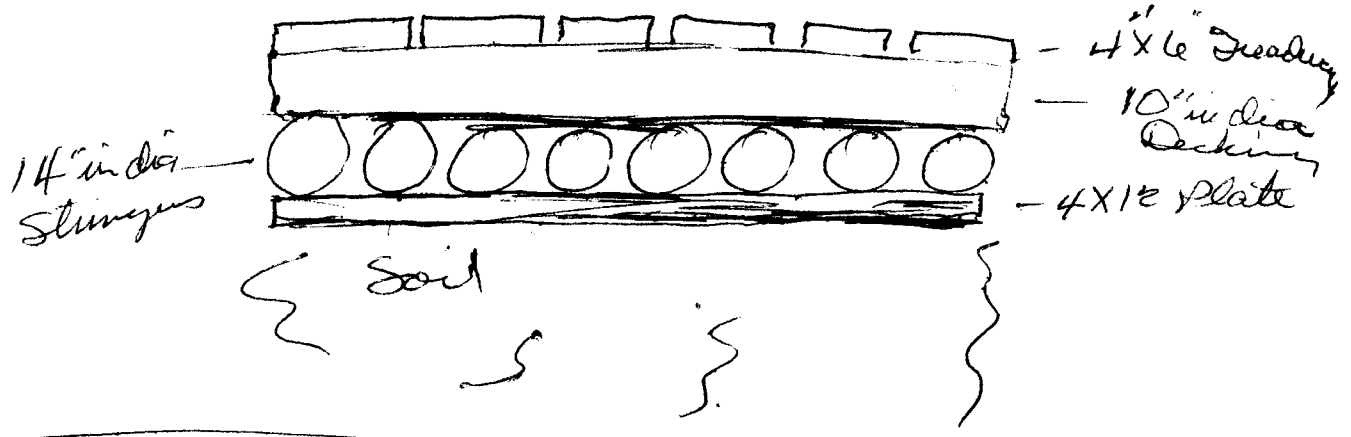
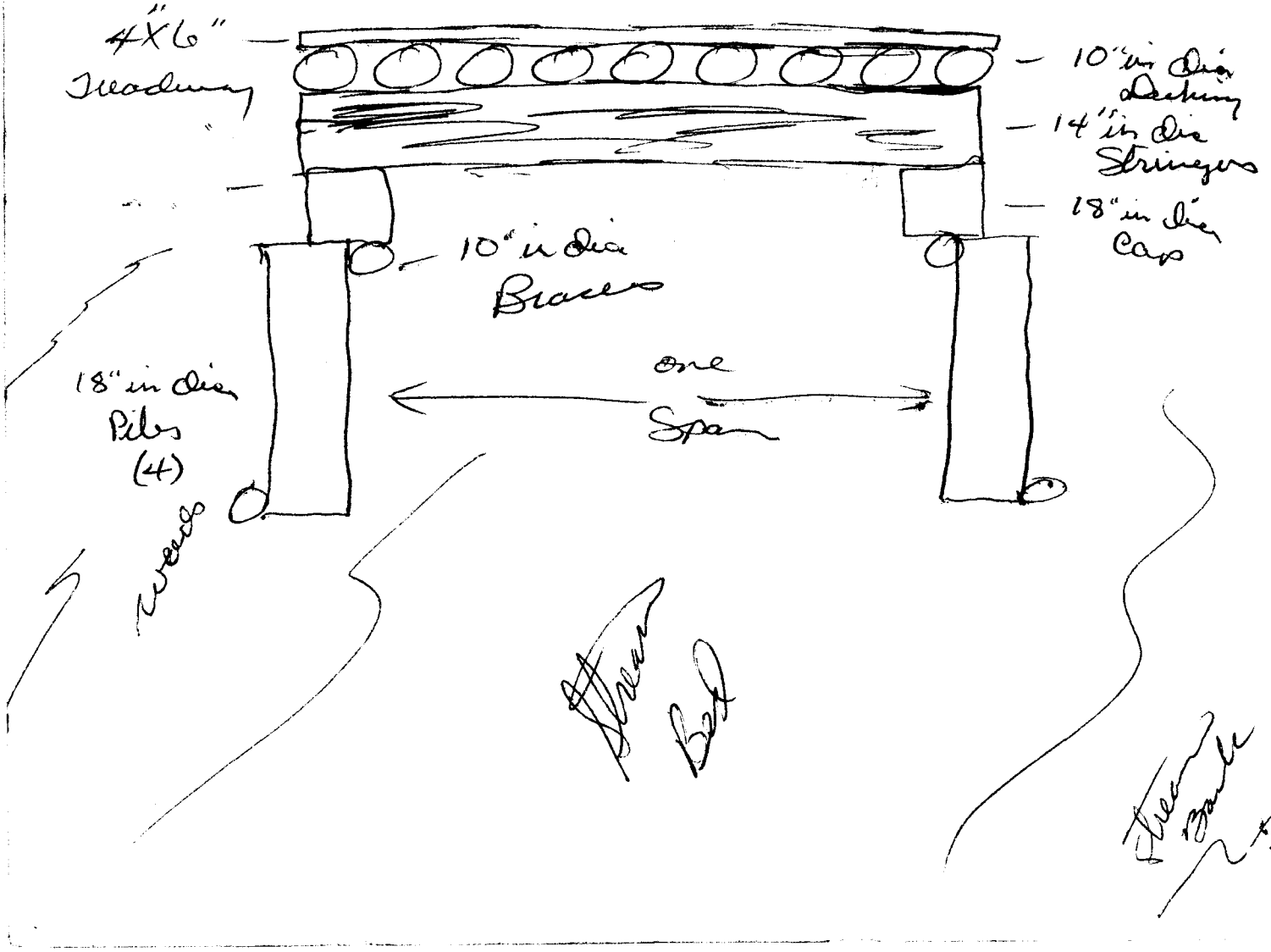
End View



Side Section



9

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 30' ft; Overall width 15' ft; Road width 12' ft.
3. Abutments: Type Ramp Material Wood.
4. Posts: Number of 12; Size 18" ; Material Wood.
5. Spans: Number of 2; Length 15'; Material Wood.
6. Stringers: Number of 14; Length 15'; Dimensions or diameter 10X10" in; Material Wood.
7. Deck: Thickness — in; Material —; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal N/A ft.
9. Height of bridge above water 3' ft; Depth of water 2 ft.
10. Stream width 8 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Shrubs.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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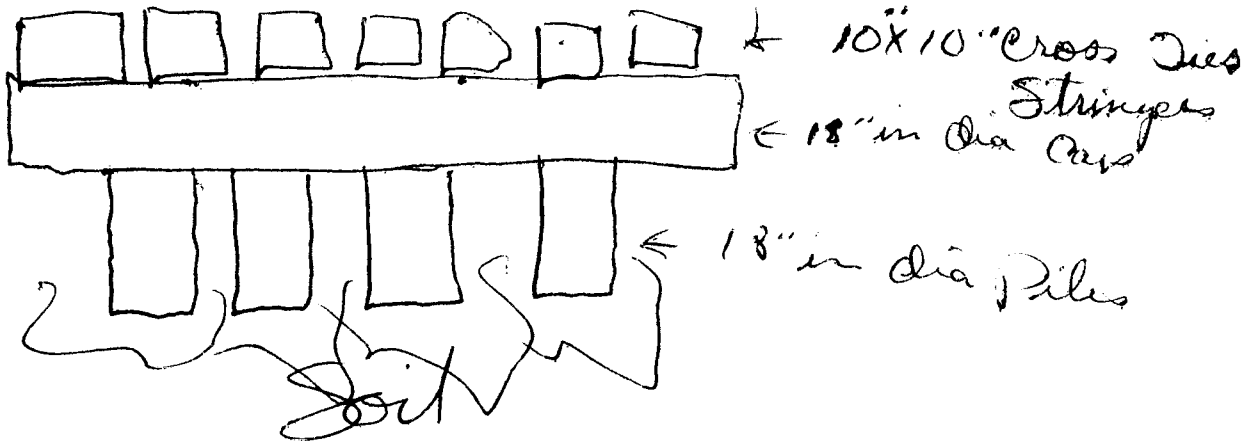
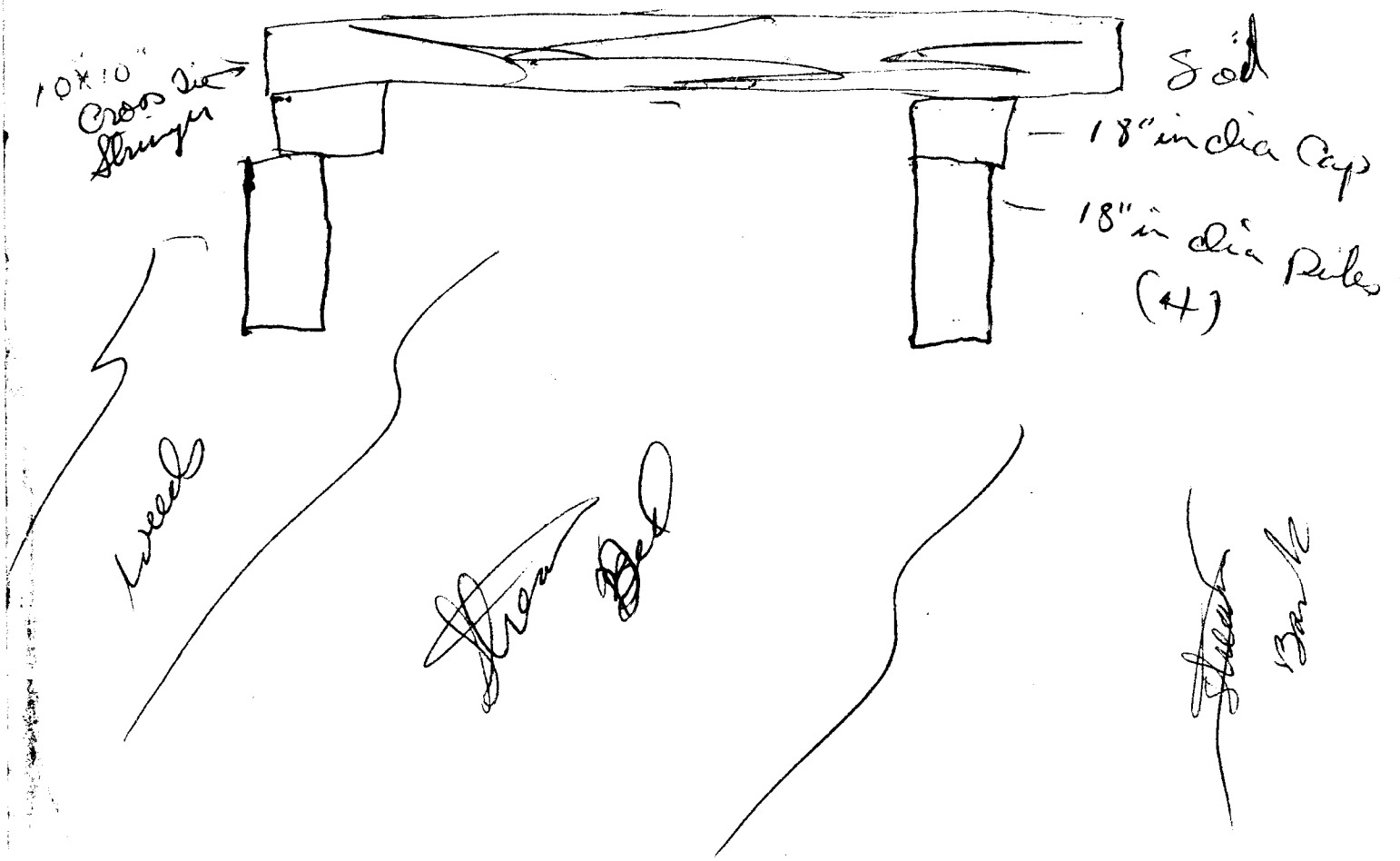
End View



Side Section



CH
10

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 78' ft; Overal width 12 ft; Road width 4 X 4 ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 24; Size 18"; Material Wood.
5. Spans: Number of 5; Length 15'4"; Material Wood.
6. Stringers: Number of 10"; Length 15'4" . . . . . ; Dimensions or diameter 10"X10" in; Material Wood.
7. Deck: Thickness — in; Material —; Condition Bridge in poor condition.
8. Clearance: Verticle N/A ft; Horizontal 12' ft.
9. Height of bridge above water 4' ft; Depth of water 5 ft.
10. Stream width 45 ft; Current Velocity 1 ft per sec.
11. Stream banks: Grade GENTLE; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Rice Paddies.
13. Stream bottom: Type material Mud; Bypass conditions* D.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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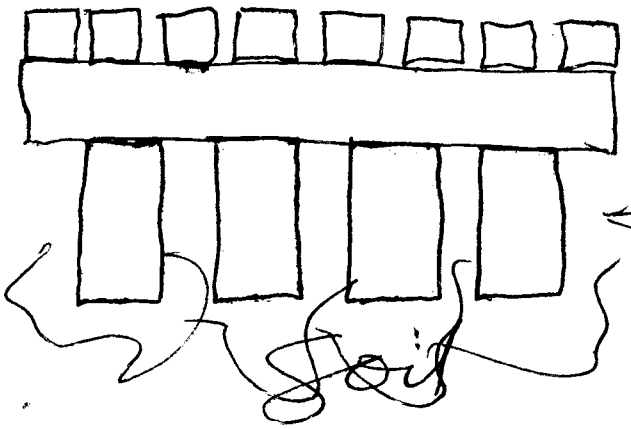
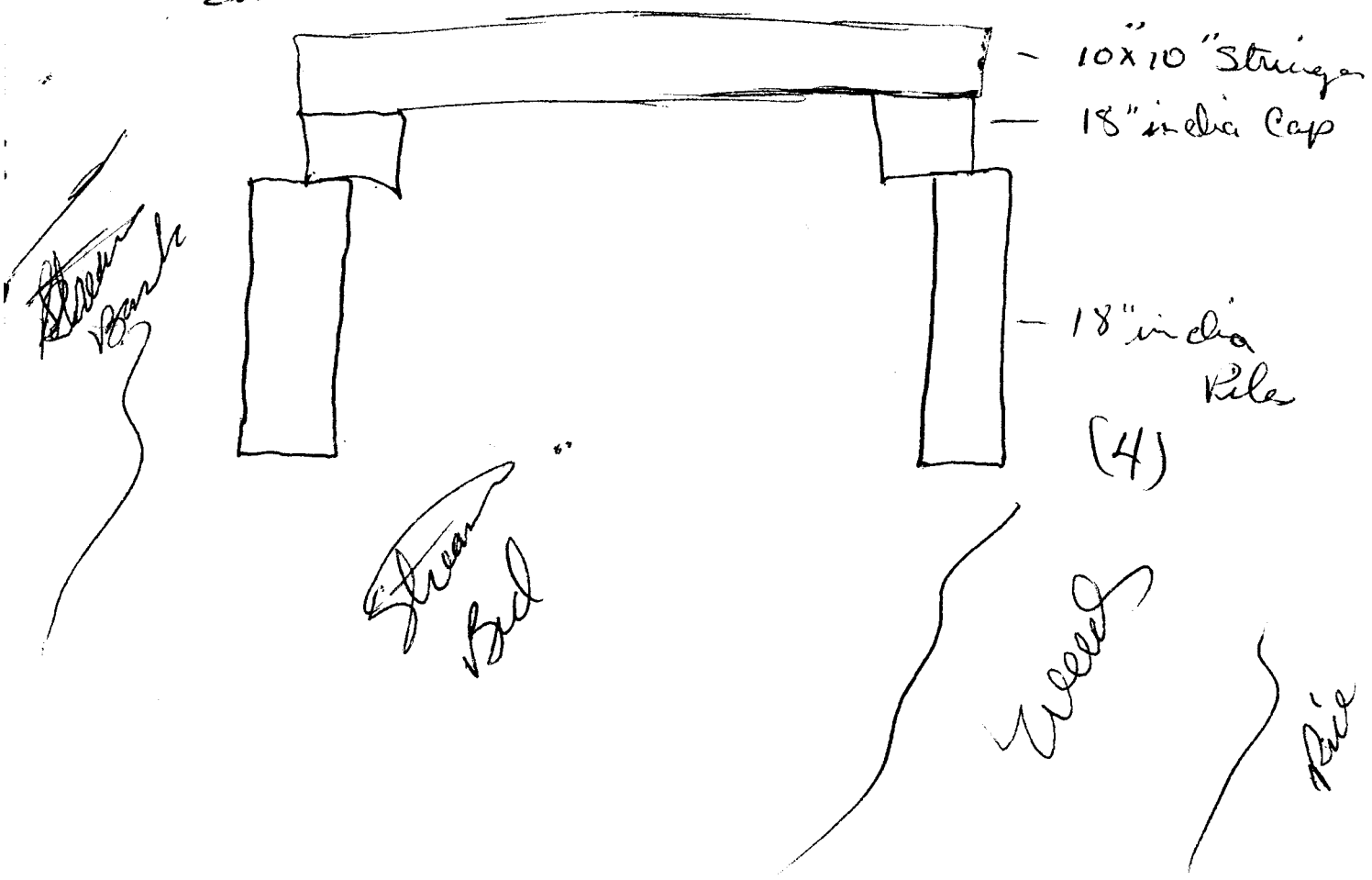
End View



Side Section



#
11

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure __ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 60 ft; Overal* width 13 ft; Road width 13 ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14" ; Material Wood.
5. Spans: Number of 4; Length 15' ; Material Wood.
6. Stringers: Number of 6; Length 15' ; Dimensions or diameter 18" in Dia in; Material Wooden.
7. Deck: Thickness 6 in; Material Wood; Condition Poor.
8. Clearance: Verticle N/A ft; Horizontal N/A ft.
9. Height of bridge above water 6 ft; Depth of water 6' ft.
10. Stream width 32 ft; Current Velocity 1 ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 5 ft; Type of vegetation along banks Weeds & Bushes.
13. Stream bottom: Type material Mud; Bypass conditions* E.

* BYPASS CONDITIONS:

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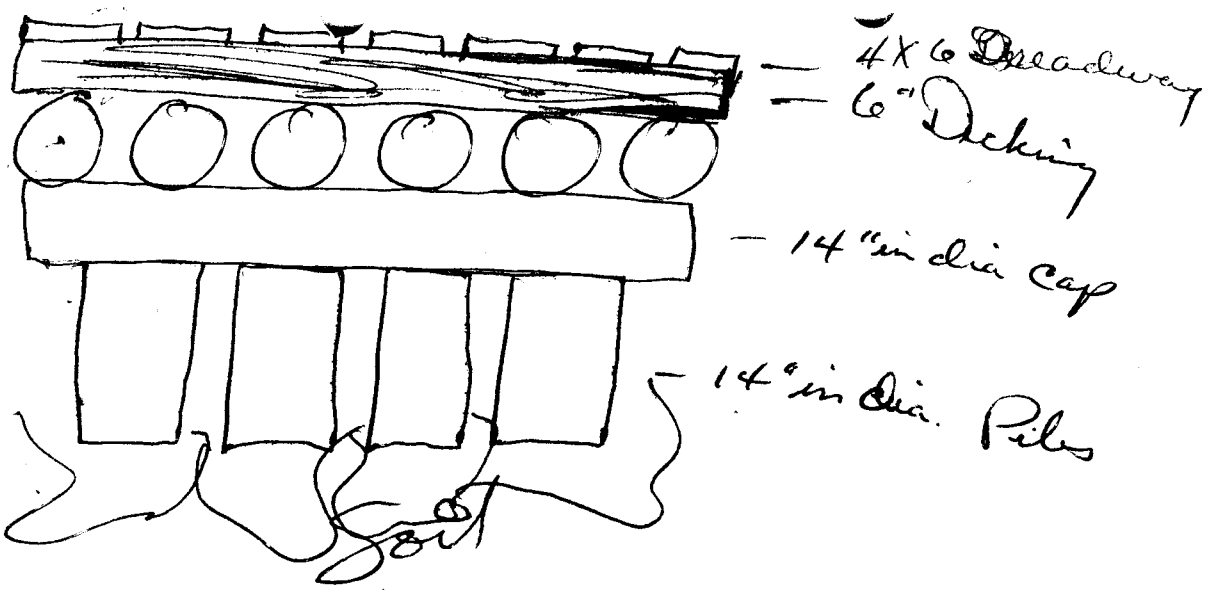
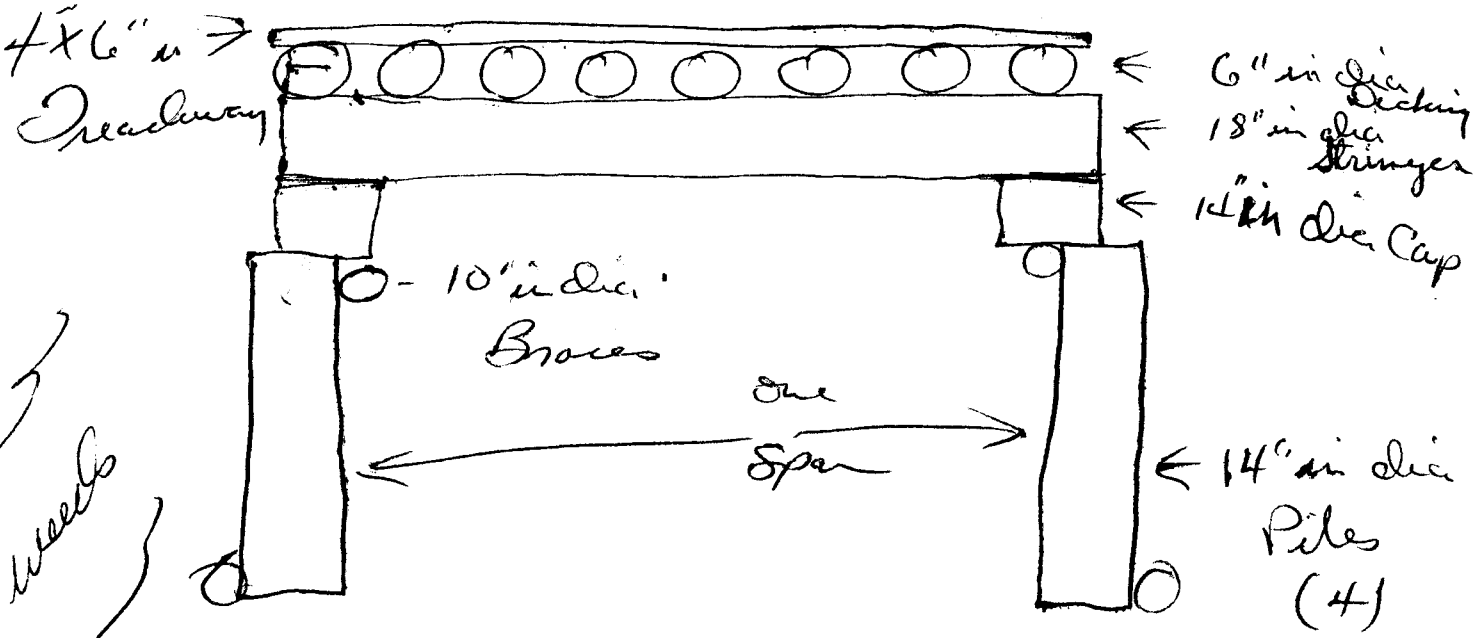
End View



Side Section



Steam Bed

Steam Boiler

12

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 27' ft; Overall width 13' ft; Road width 12'8" ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 8; Size 14; Material Wood.
5. Spans: Number of 1; Length 27'; Material Steel.
6. Stringers: Number of 16; Length 27'; Dimensions or diameter 4 X 14 in; Material Steel I Beam.
7. Deck: Thickness 2 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 13' ft.
9. Height of bridge above water 6' ft; Depth of water 4' ft.
10. Stream width 18' ft; Current Velocity 1 ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Mud; Bypass conditions* D.

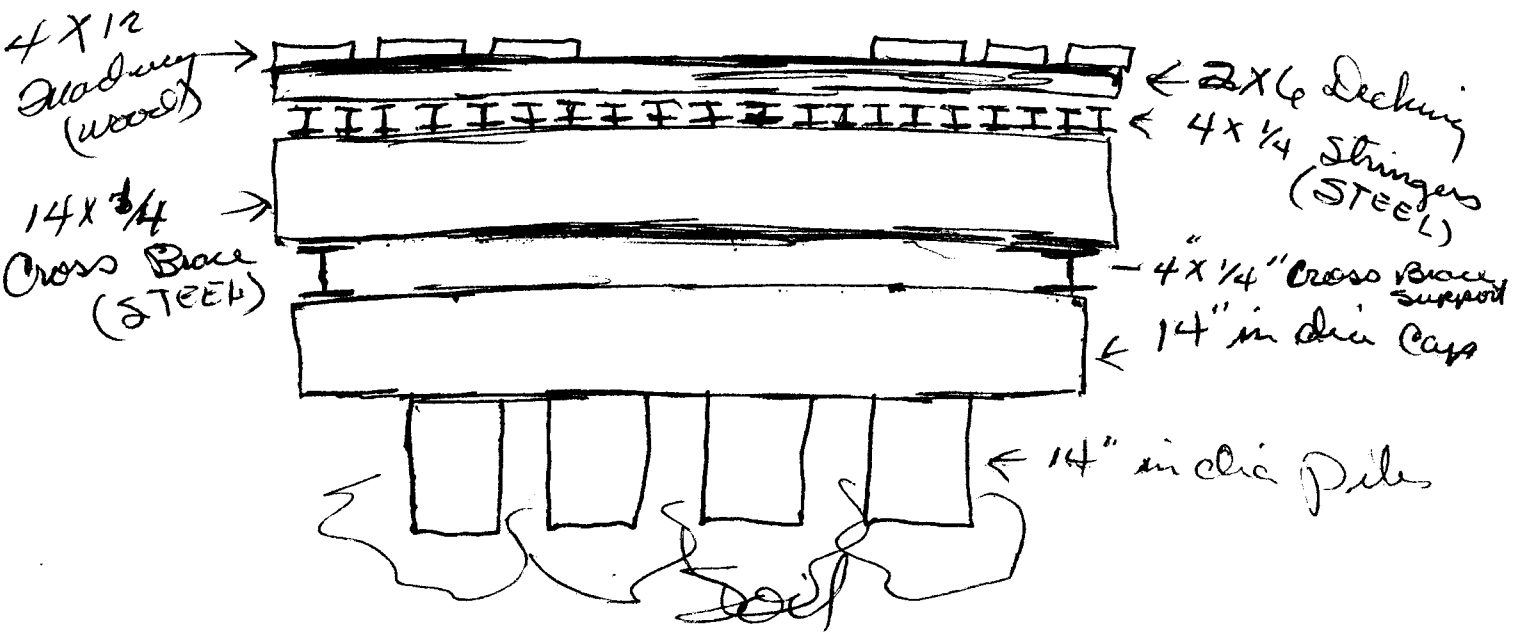
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

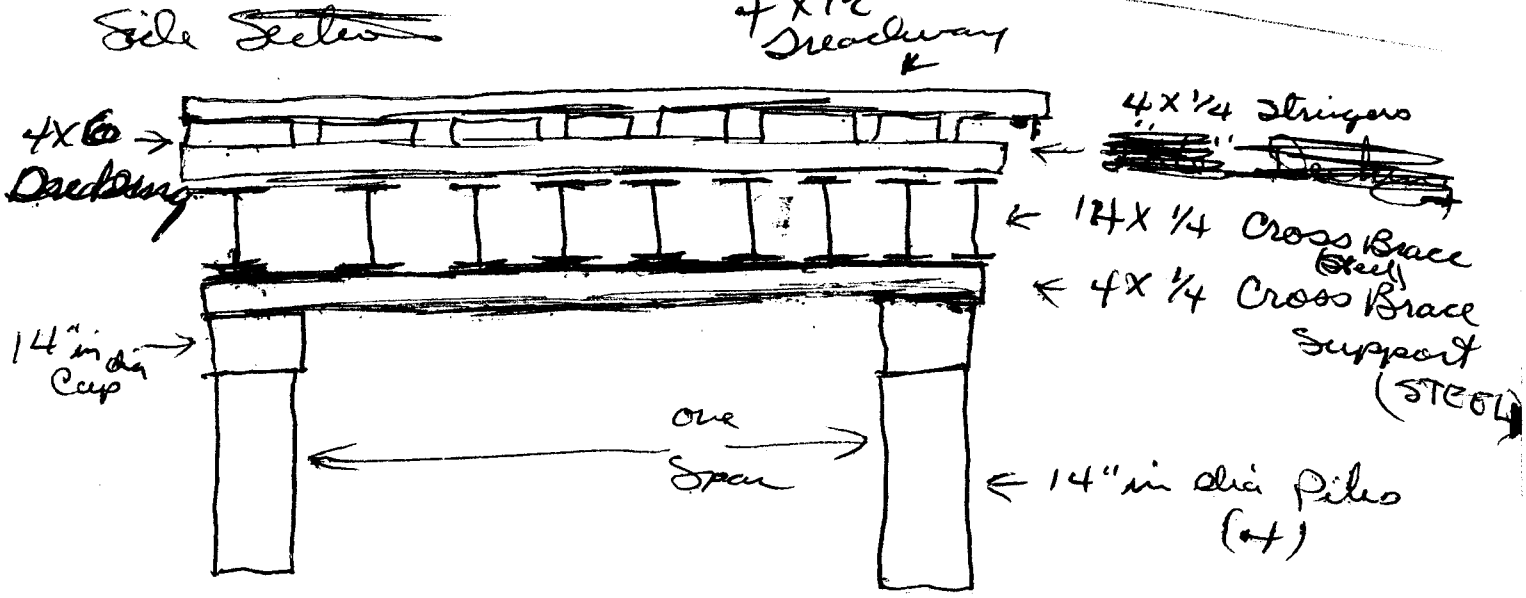
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side View



#13 (2 Wooden Spans & 1 Steel Span)

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 76' ft; Overall width 13' ft; Road width 12'8" ft.
3. Abutments: Type Temp Material Wood.
4. Posts: Number of 24; Size 14"; Material Wood.
5. Spans: Number of 3; Length 22'; Material STEEL & Wood
6. Stringers: Number of 16 ms / 8 ws; Length S.S. 30' / W.S. 20'6"; Dimensions or diameter 4X4 / 12" min dia in; Material Wood & STEEL.
7. Deck: Thickness 8' in; Material Wood & STEEL; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 13' ft.
9. Height of bridge above water 10 ft; Depth of water 6 ft.
10. Stream width 25 ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Shrubs.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

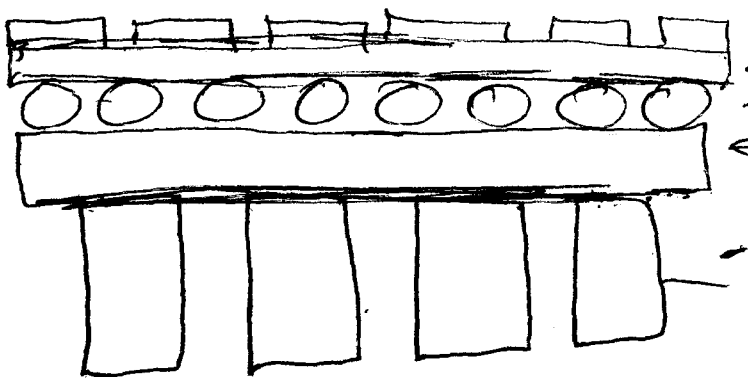
E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

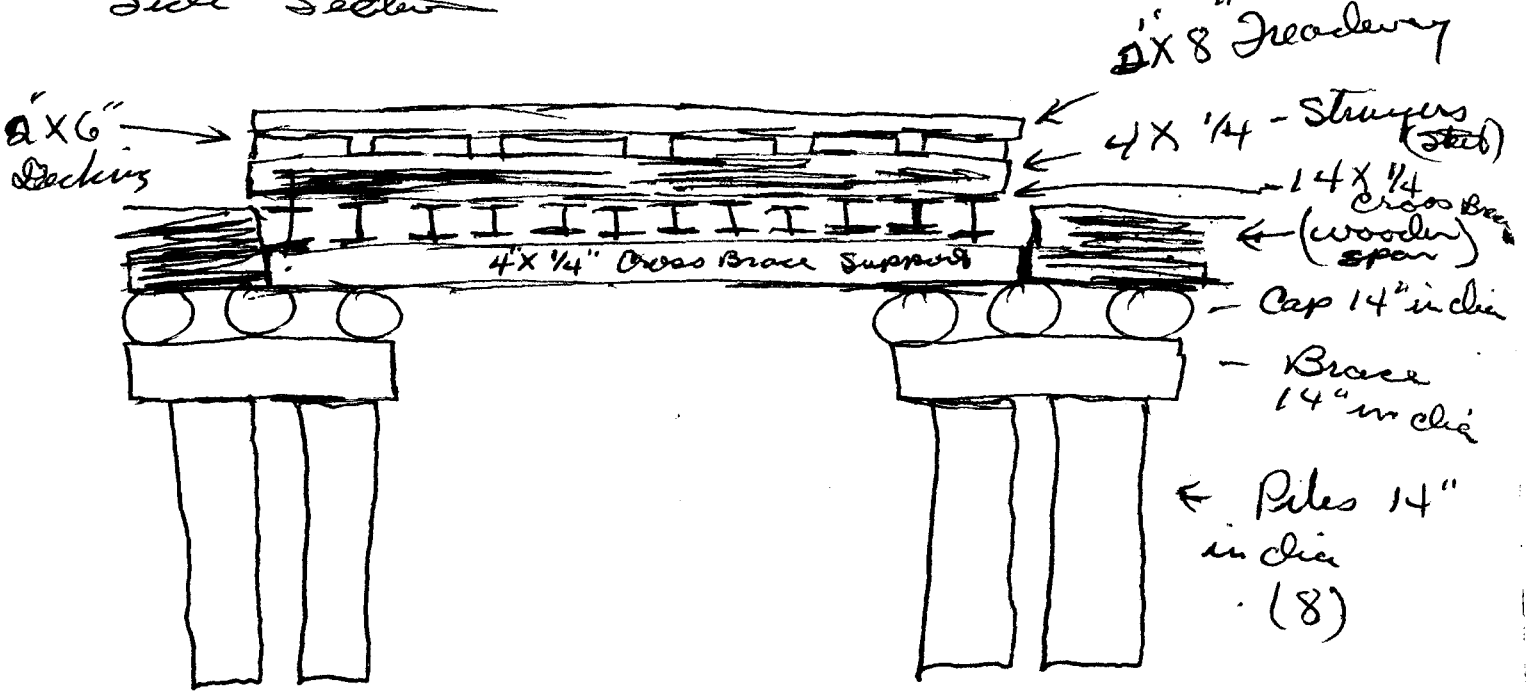
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End view

The two end spans of this Bridge are wooden and the center is steel



Side ~~Section~~



For ~~Side~~ Steel View of wooden & End View ~~Reference~~ Refer to Drawing # 1 of this Series.

14

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 50' ft; Overall width 20' ft; Road width 19' ft.
3. Abutments: Type Ramp Material Wood.
4. Posts: Number of 20; Size 18" ; Material Wood.
5. Spans: Number of 3; Length 17'9"; Material Wood.
6. Stringers: Number of 12; Length 17'9"; Dimensions or diameter 14 in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 20' ft.
9. Height of bridge above water 9 ft; Depth of water 3 ft.
10. Stream width 20 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Trees.
13. Stream bottom: Type material Mud; Bypass conditions* D.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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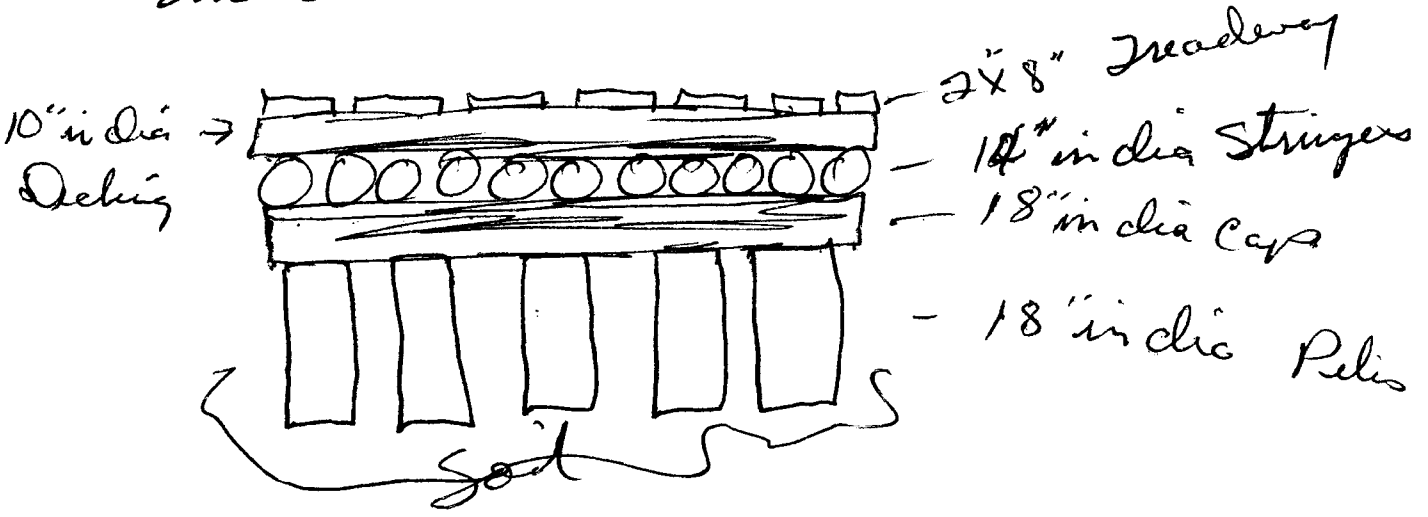
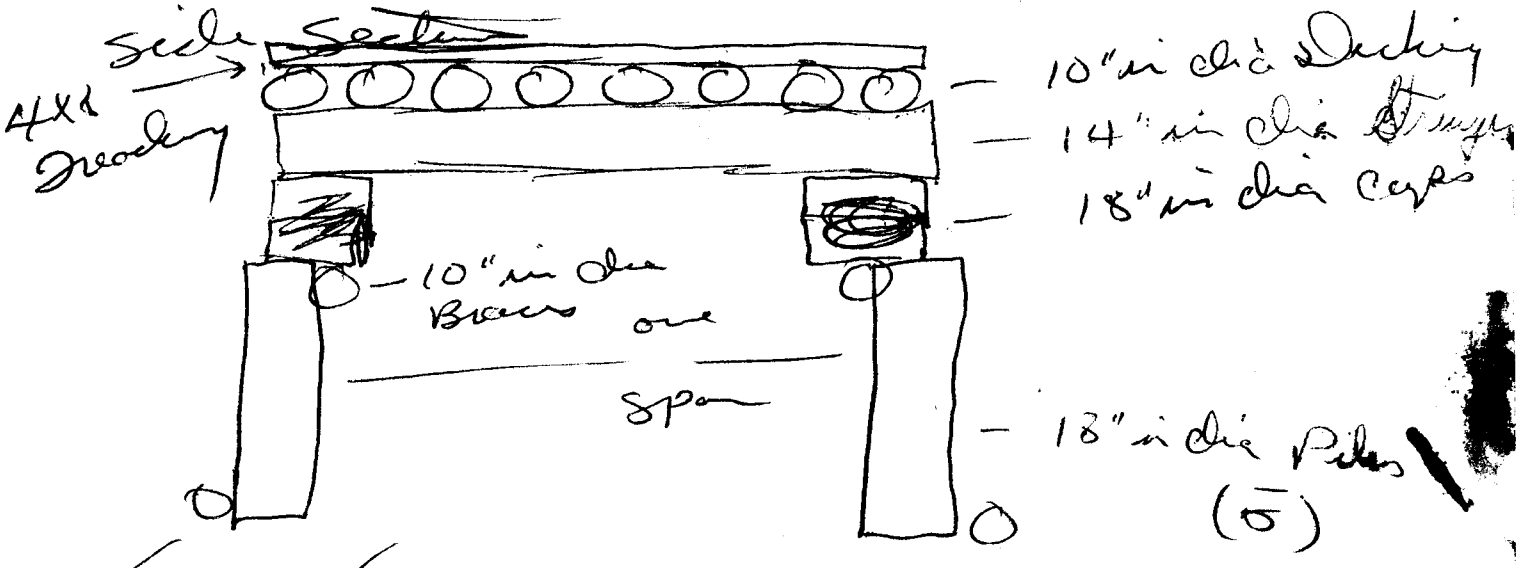
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View





(5)

Trees

Stream Bed

Stream Bank

#15

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 89' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14; Material Wood.
5. Spans: Number of 4; Length 22; Material Wood.
6. Stringers: Number of 12; Length 23'; Dimensions or diameter 14" in; Material Wood.
7. Deck: Thickness 8" in; Material Wood; Condition Fair.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 9 ft; Depth of water 3 ft.
10. Stream width 30 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Rice Fields.
13. Stream bottom: Type material MUDDY; Bypass conditions* D.

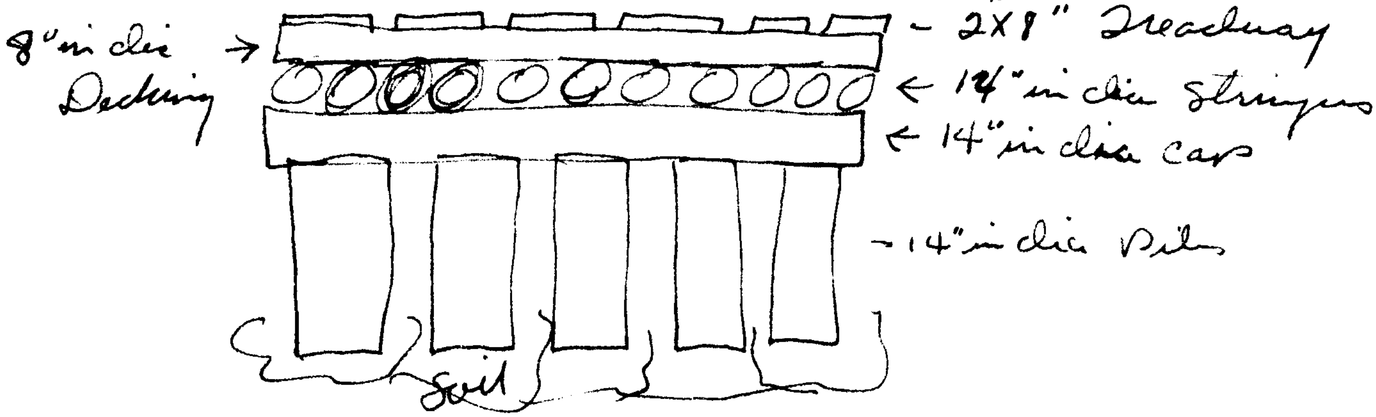
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

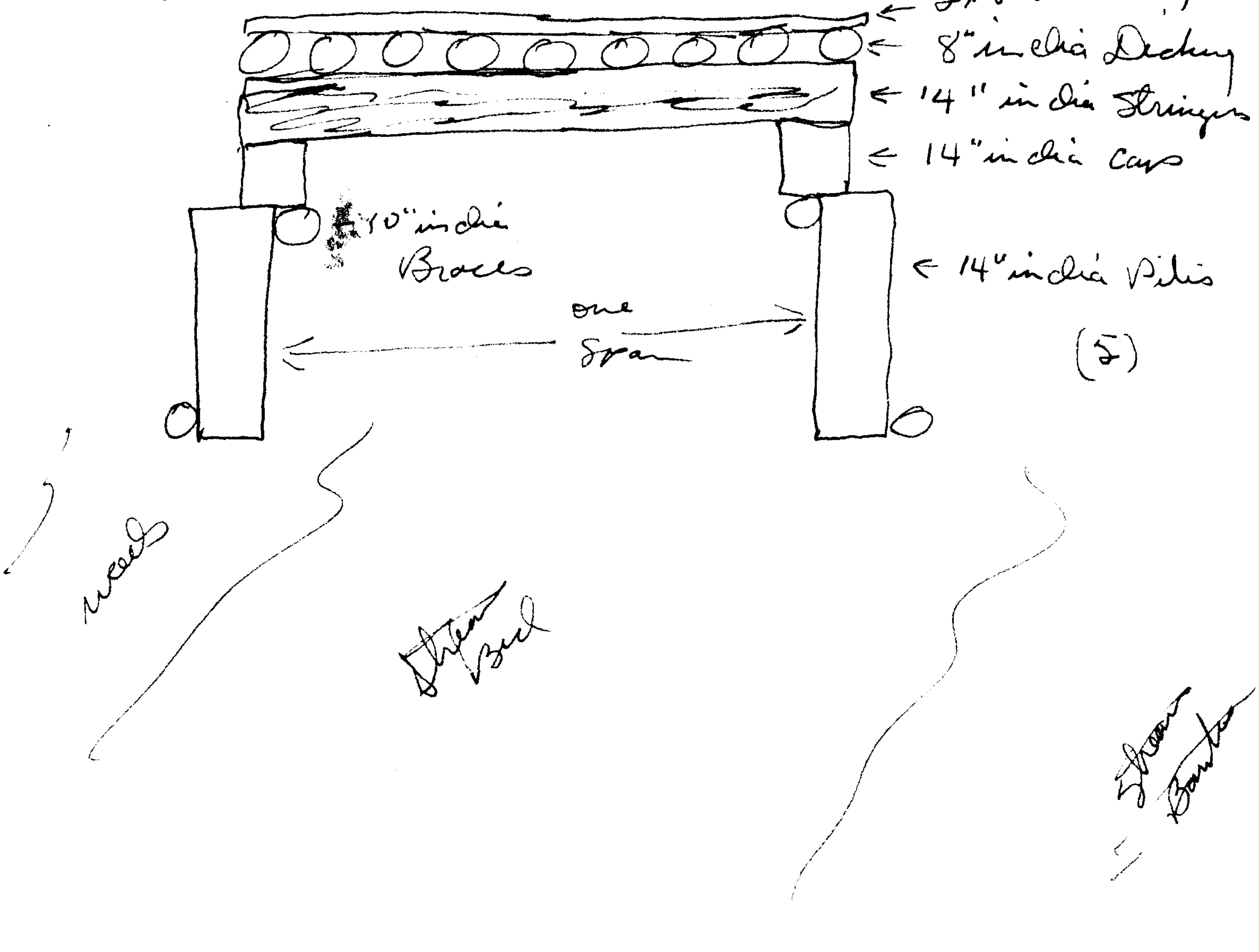
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



(5)

#
16

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 102' ft; Overall width 22 ft; Road width 21 ft.
3. Abutments: Type Jump Material Wood.
4. Posts: Number of 30; Size 18; Material Wood.
5. Spans: Number of 5; Length 22'; Material Wood.
6. Stringers: Number of 10; Length 22'; Dimensions or diameter 18 in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 22' ft.
9. Height of bridge above water 10' ft; Depth of water 3 ft.
10. Stream width 25 ft; Current Velocity 1 ft per sec.
11. Stream banks: Grade Gentle; Material Hard soil.
12. Height of stream banks 4 ft; Type of vegetation along banks Weeds & Shrubs.
13. Stream bottom: Type material Muddy; Bypass conditions* D.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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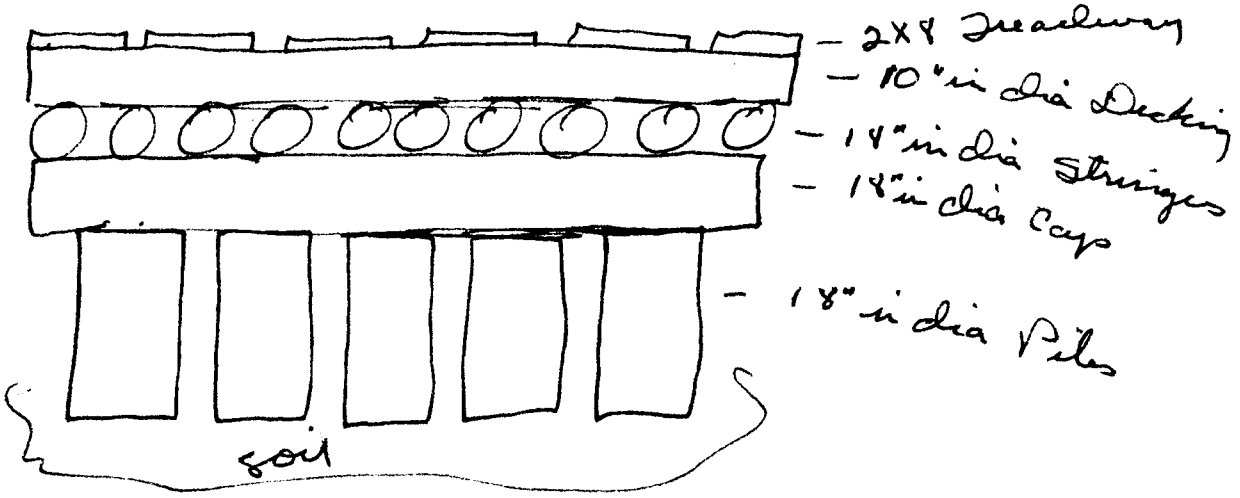
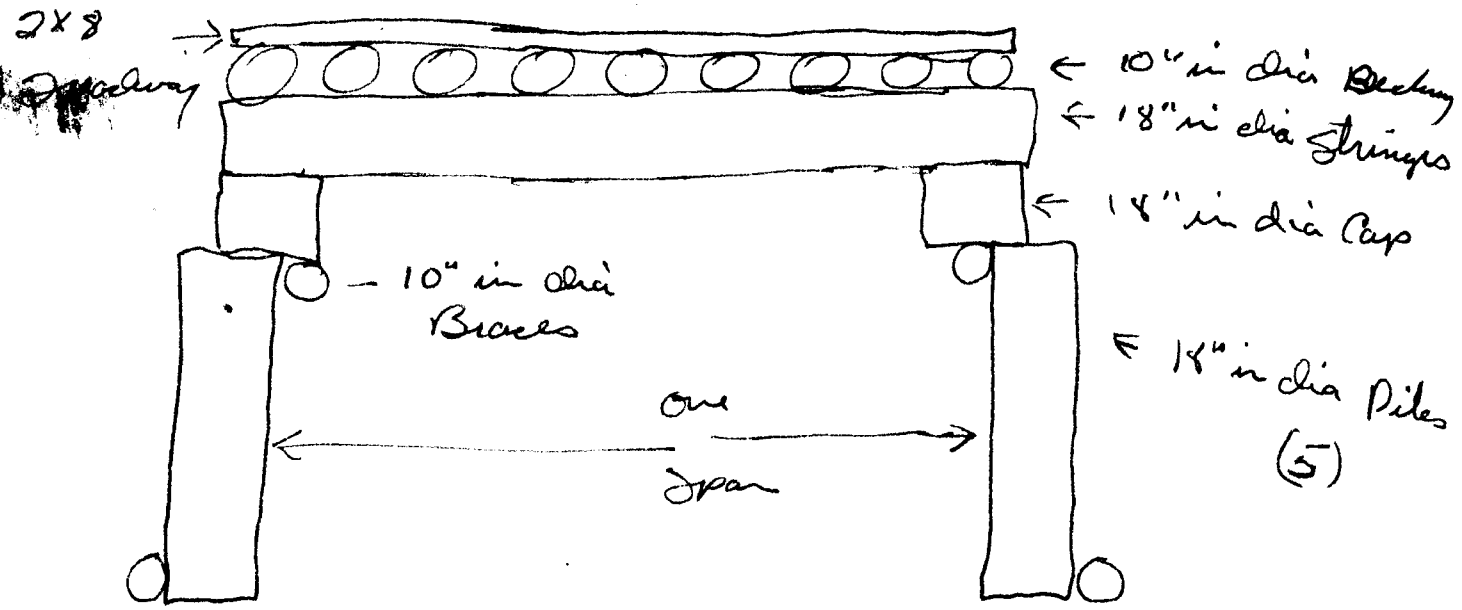
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



#
17

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading 75.2 / 7 Location (grid coord) _____.
2. Length 69' ft; Overall width 22' ft; Road width 21" ft.
3. Abutments: Type Jump Material wood.
4. Posts: Number of 30; Size 14; Material wood.
5. Spans: Number of 4; Length 19' (Center Span); Material wood.
6. Stringers: Number of 12; Length 21' ; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 22' ft.
9. Height of bridge above water 7' ft; Depth of water NONE ft.
10. Stream width 45 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 2' ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Clay; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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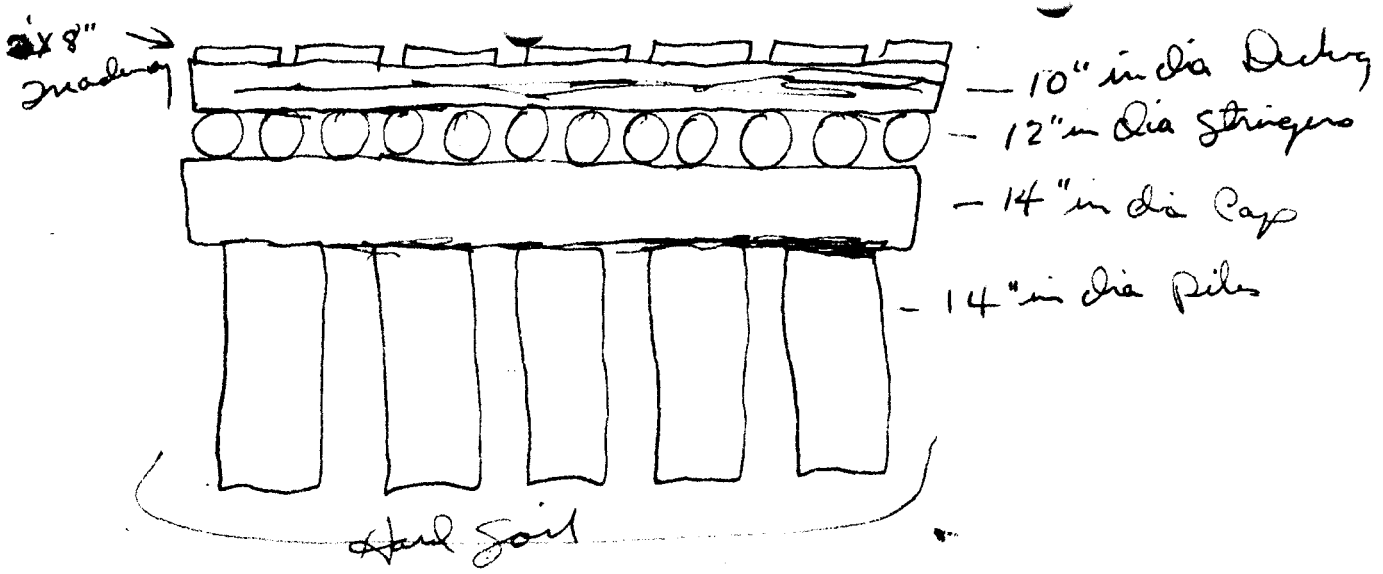
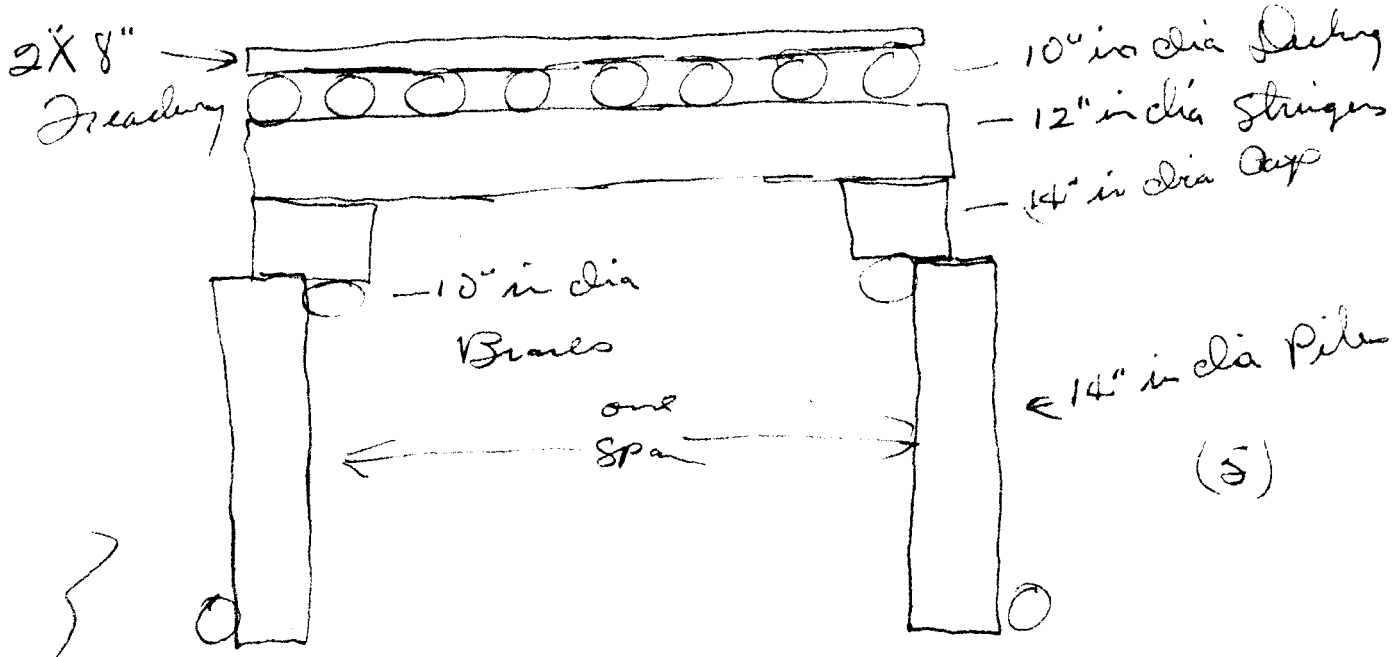
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



(5)

#18

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord)_____.
2. Length 66' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Jump Material Wood.
4. Posts: Number of 20; Size 14" ; Material Wood.
5. Spans: Number of 3; Length 22' ; Material Wood.
6. Stringers: Number of 10; Length 22' ; Dimensions or diameter 12" in; Material wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 10 ft; Depth of water 2 ft.
10. Stream width_____ ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 2 ft; Type of vegetation along banks Weeds & Bushes.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

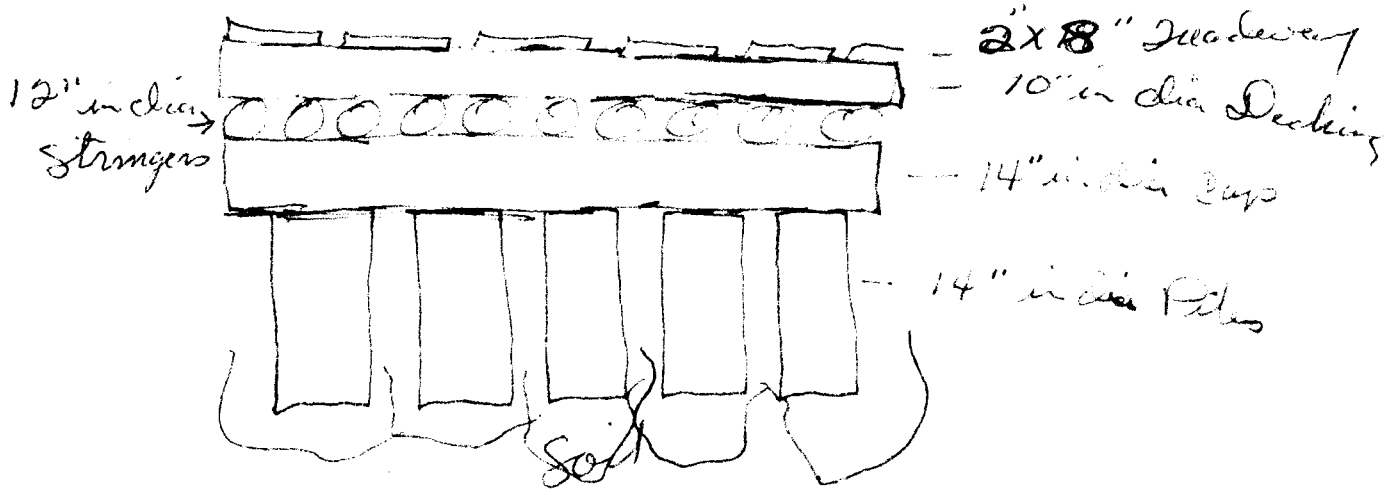
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

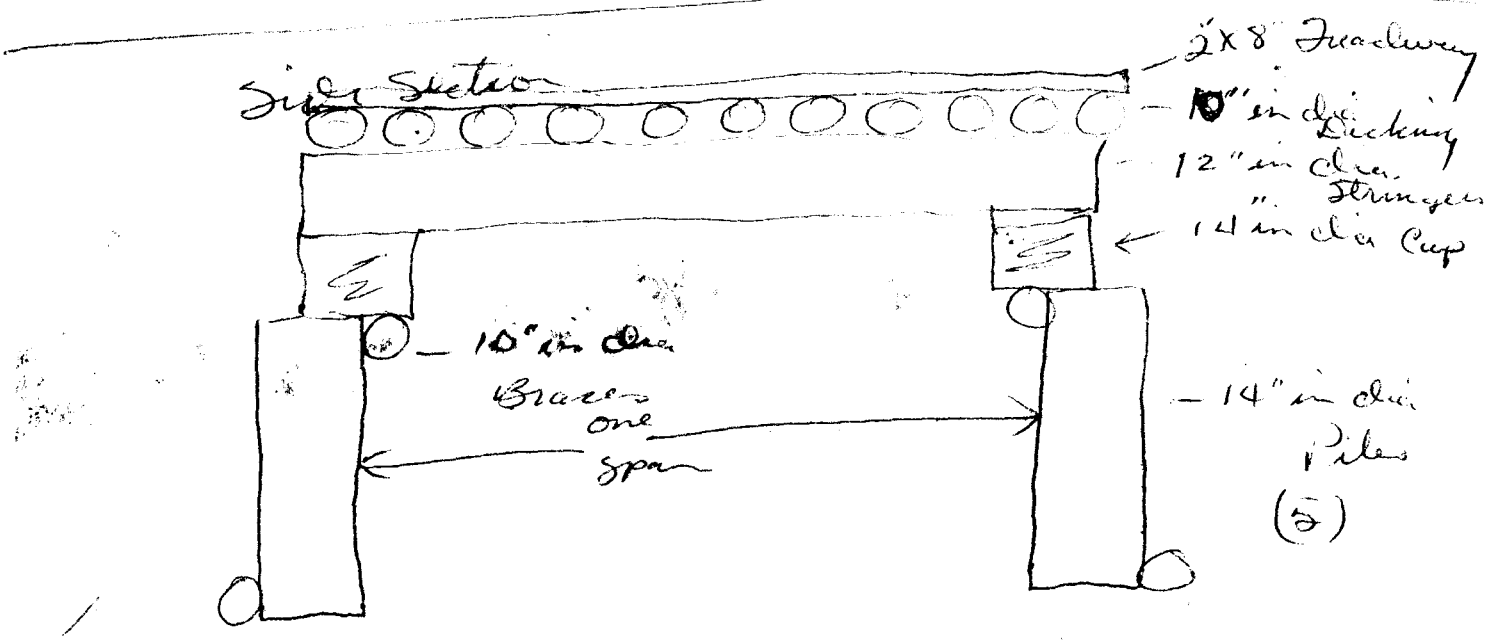
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

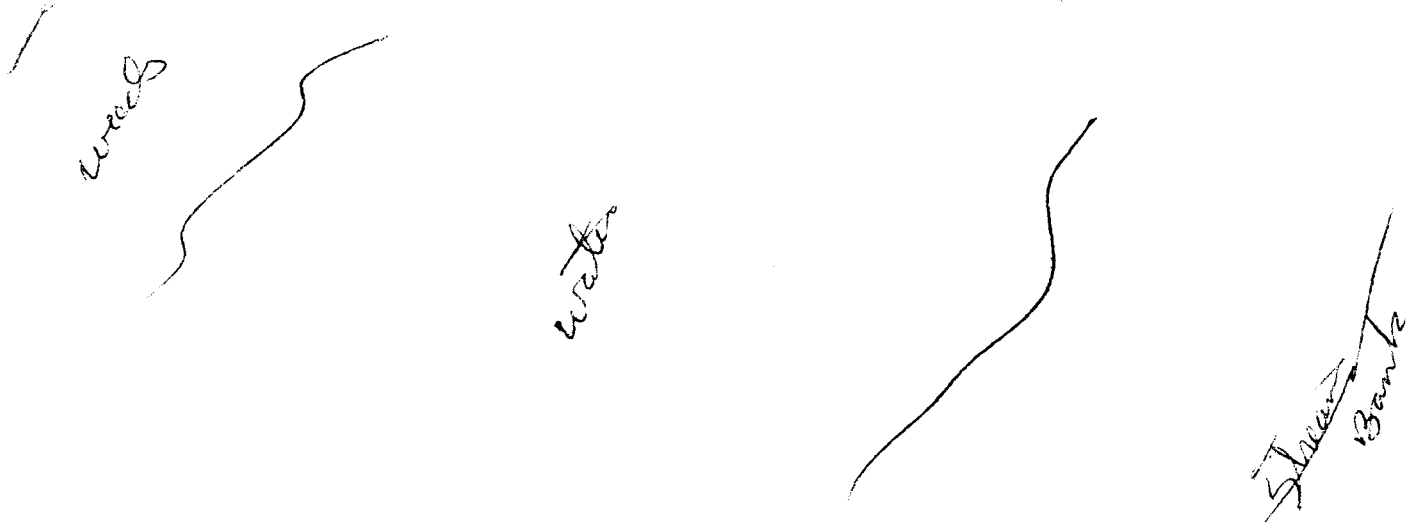
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section





#19

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 40' ft; Overall width 21 ft; Road width 20 ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14"; Material wood.
5. Spans: Number of 3; Length 12'10"; Material Wood.
6. Stringers: Number of 12; Length 12'10"; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 9' ft; Depth of water 2' ft.
10. Stream width 17" ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade STEEP; Material Hard Clay.
12. Height of stream banks 7' ft; Type of vegetation along banks Weeds.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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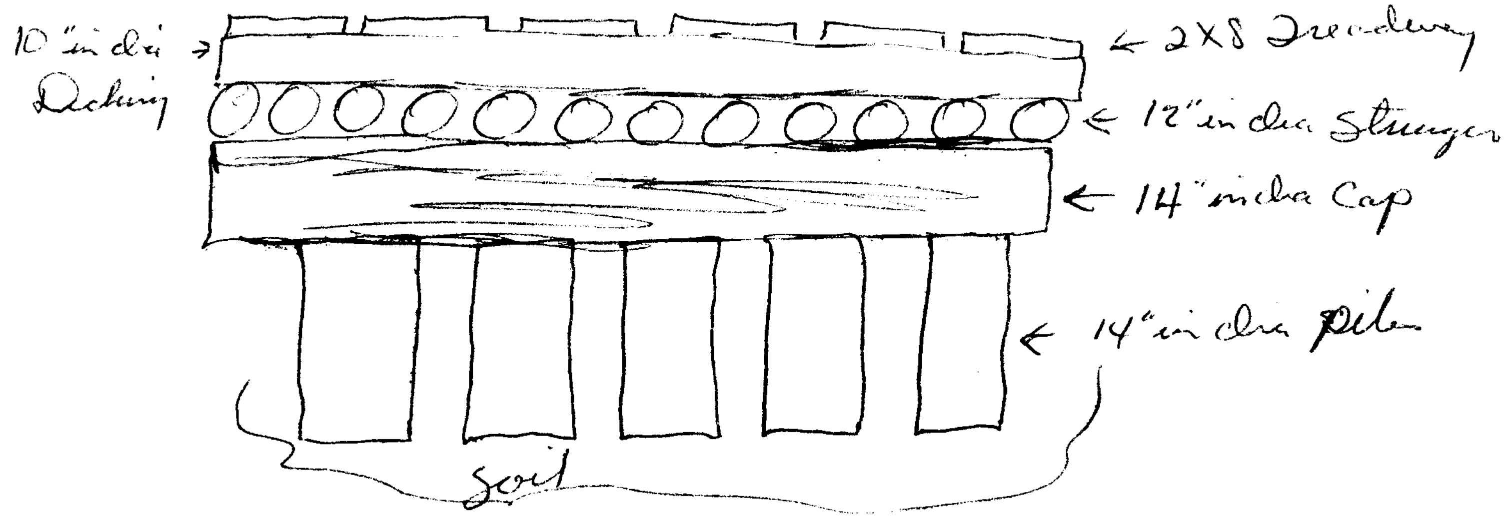
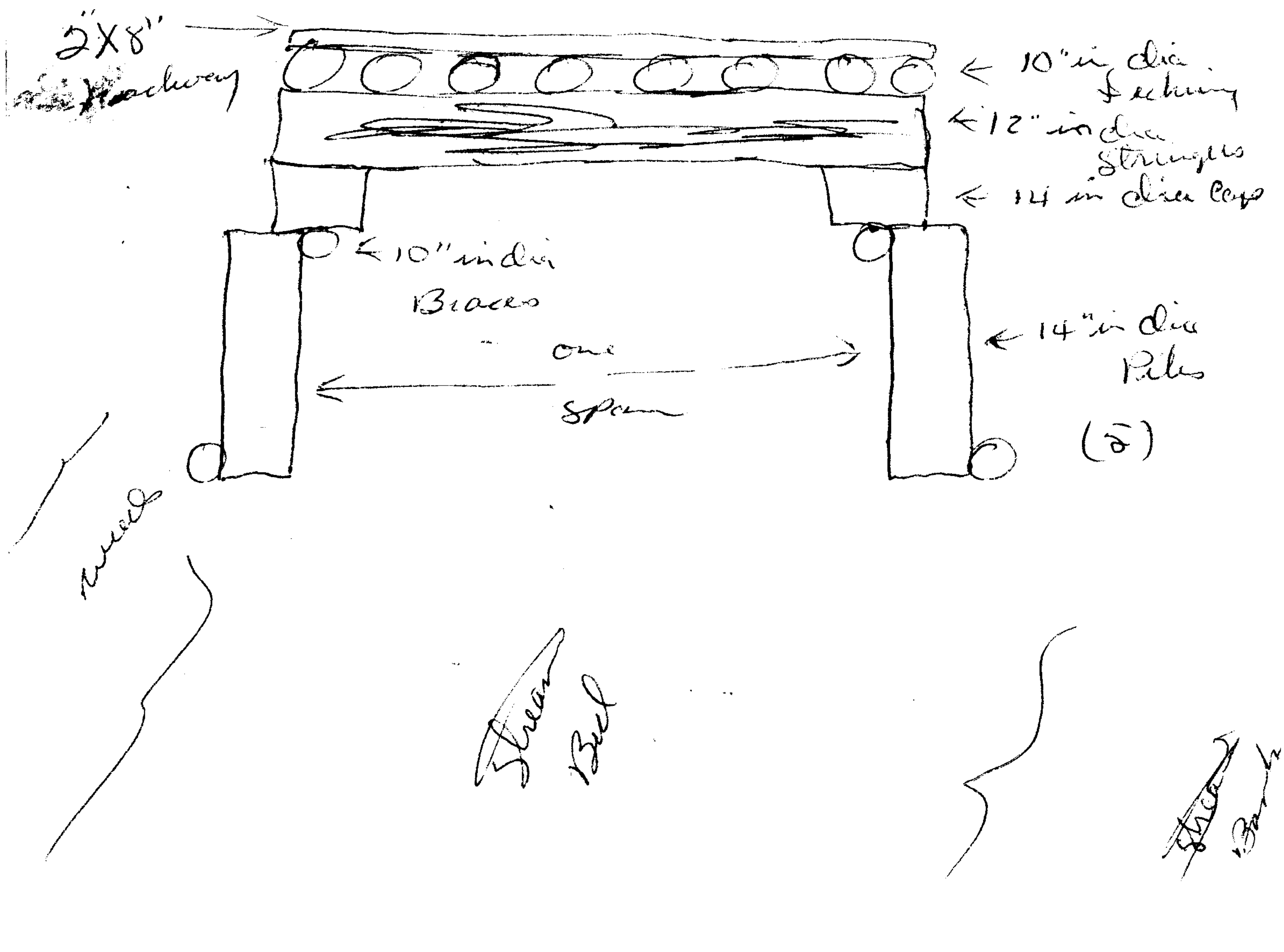
End View


10" in dia Decking
2X8 Treadway
12" in dia Stringer
14" in dia Cap
14" in dia piles
Soil


2"X8"
10" in dia Decking
12" in dia Stringers
14 in dia Caps
10" in dia Braces
14" in dia Piles
one span
(5)
wells
Stream Bed
Stream Bank

#20

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading n/a Location (grid coord) _____.
2. Length 40' ft; Overall width 22' ft; Road width 21' ft.
3. Abutments: Type Jump Material Wood.
4. Posts: Number of 20; Size 14; Material Wood.
5. Spans: Number of 3; Length 13' [illegible]; Material Wood.
6. Stringers: Number of 12; Length 13' [illegible]; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle n/a ft; Horizontal 22' ft.
9. Height of bridge above water 12' ft; Depth of water 6" ft.
10. Stream width 2' ft; Current Velocity 3 ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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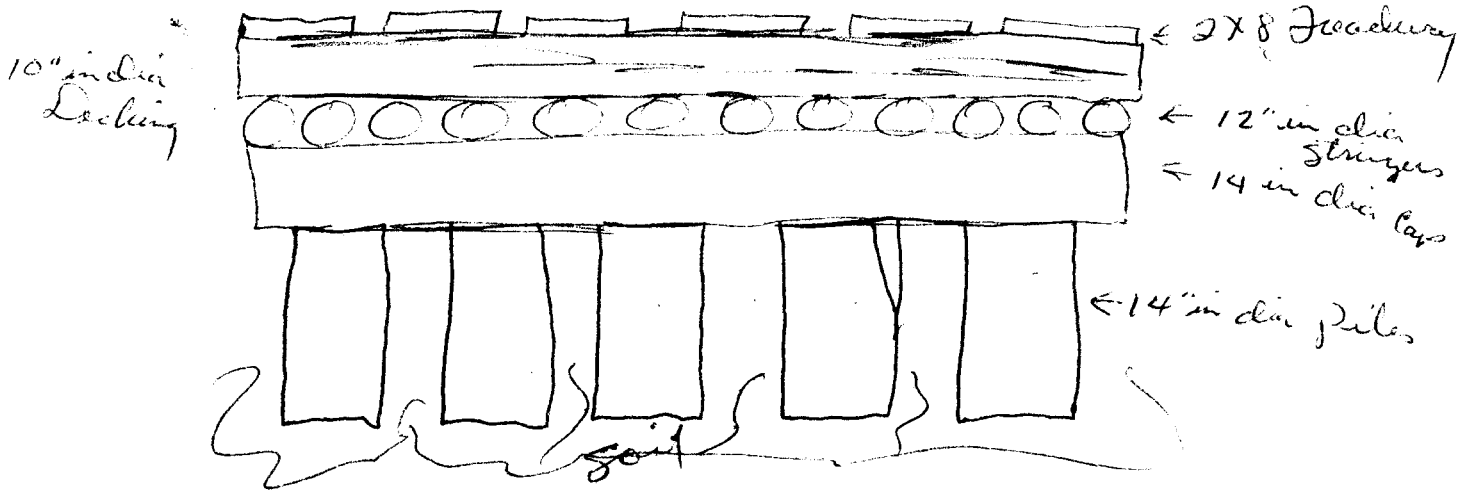
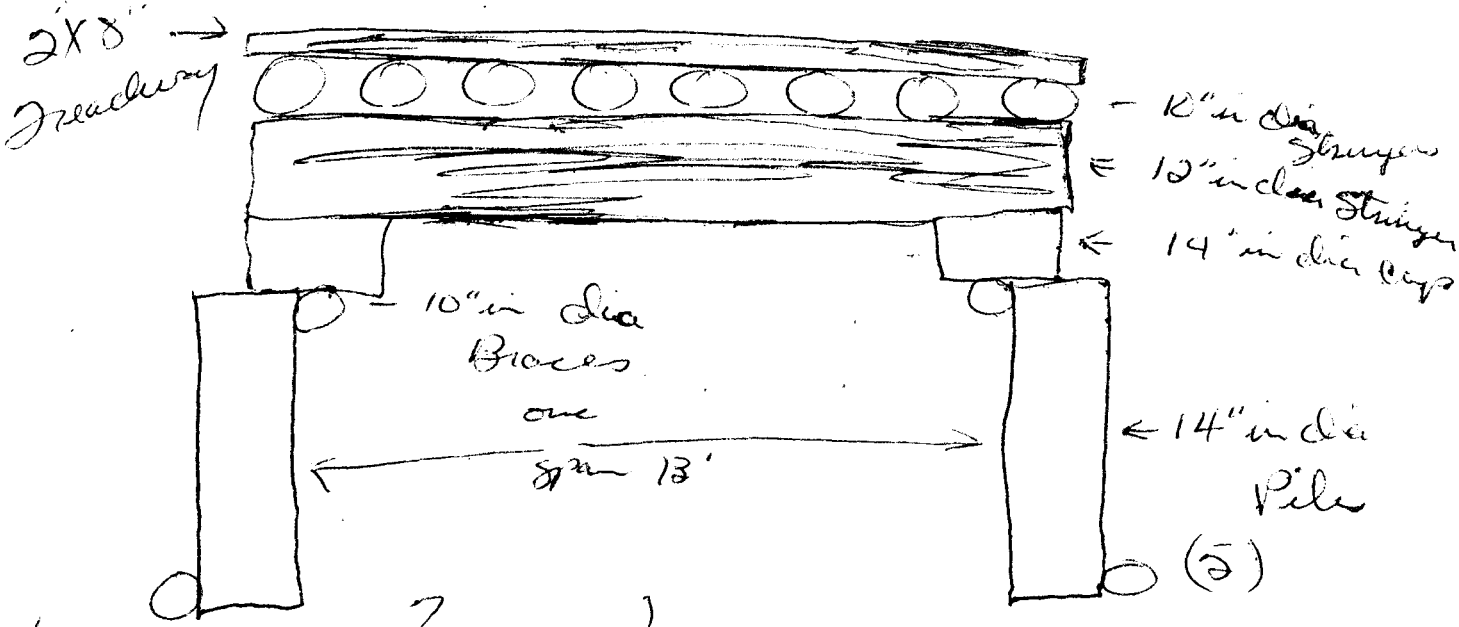
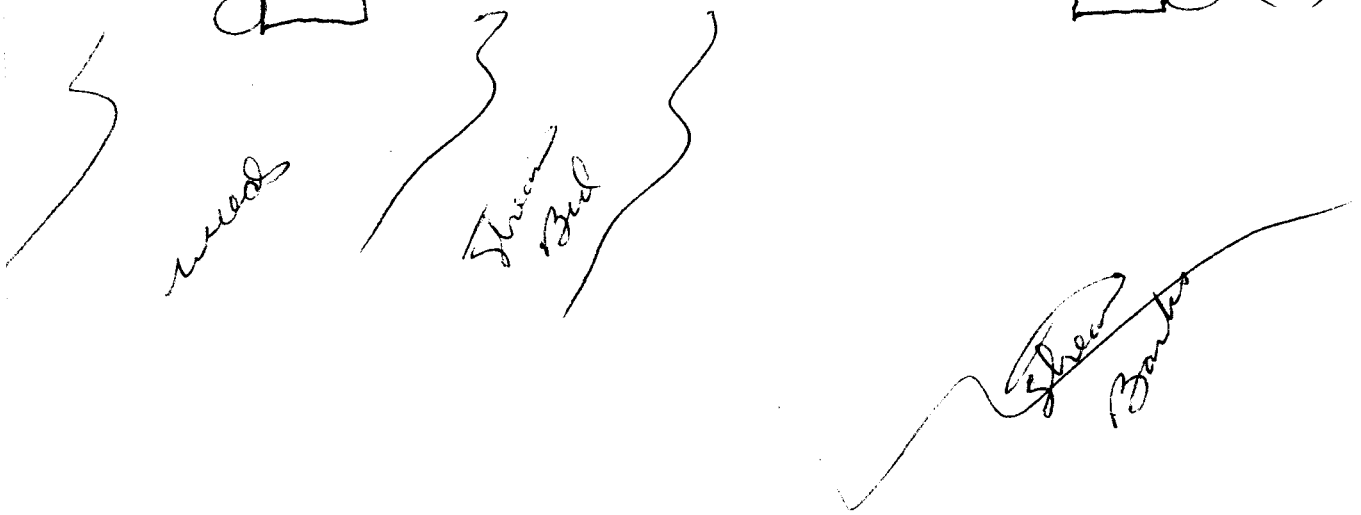
End View



Side Section





#21

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 50' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14"; Material Wood.
5. Spans: Number of 3; Length 17'; Material Wood.
6. Stringers: Number of 12; Length 17' ; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 9' ft; Depth of water 3' ft.
10. Stream width 23 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Steep; Material Hard Soil.
12. Height of stream banks 6 ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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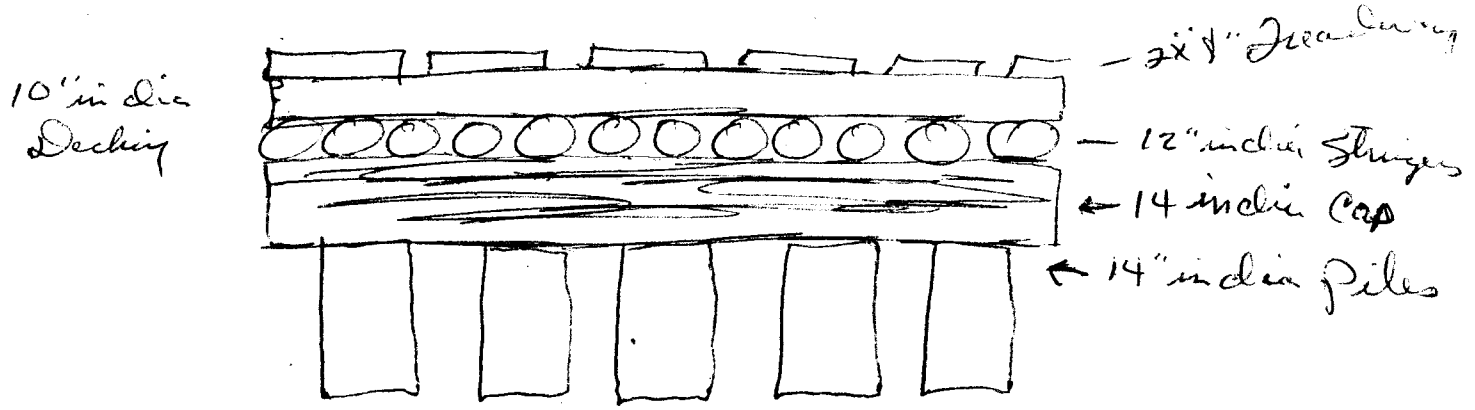
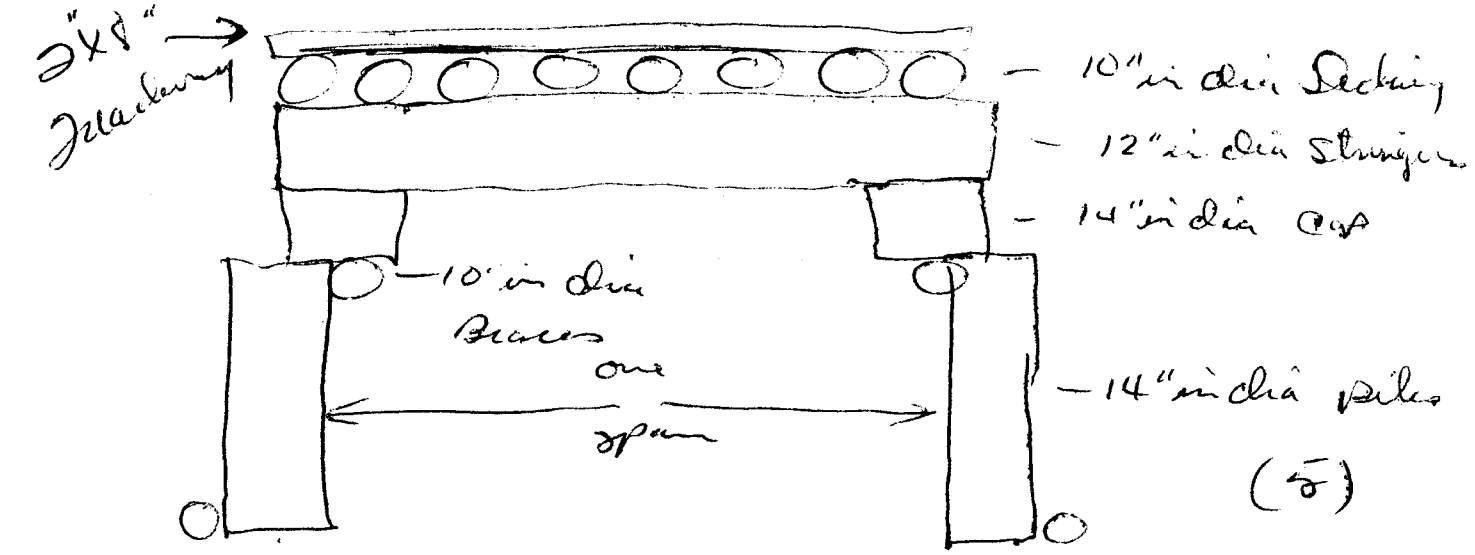

10" in dia
Decking
2"x8" Treadway
12" in dia Stringers
14 in dia Cap
14" in dia Piles


2"x8"
Treadway
10" in dia Decking
12" in dia Stringers
14" in dia Cap
10" in dia
Braces
one
span
14" in dia Piles


weed
water
Stream
Bank

#
22

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 100' ft; Overall width 20' ft; Road width 20' ft.
3. Abutments: Type Ramp Material Wood.
4. Posts: Number of 35; Size 14" ; Material Wood.
5. Spans: Number of 6 ; Length 16' 1/2"; Material Wood.
6. Stringers: Number of 12 ; Length 16' ; Dimensions or diameter 10" in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 20' ft.
9. Height of bridge above water 13 ft; Depth of water 2 ft.
10. Stream width 10 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade GENTLE ; Material Hard Soil.
12. Height of stream banks_____ft; Type of vegetation along banks Weeds + Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

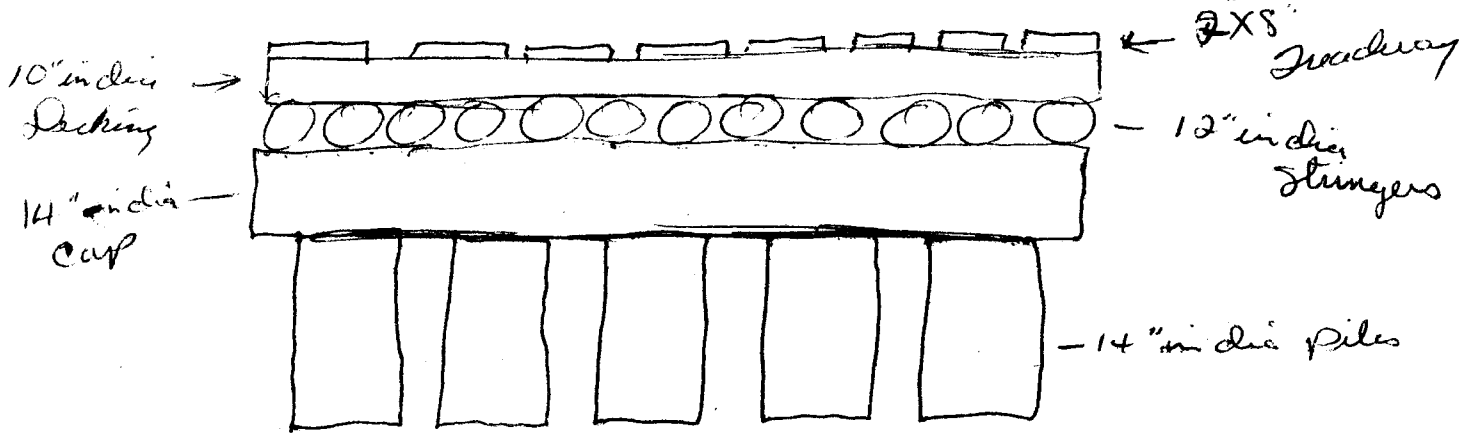
* BYPASS CONDITIONS:

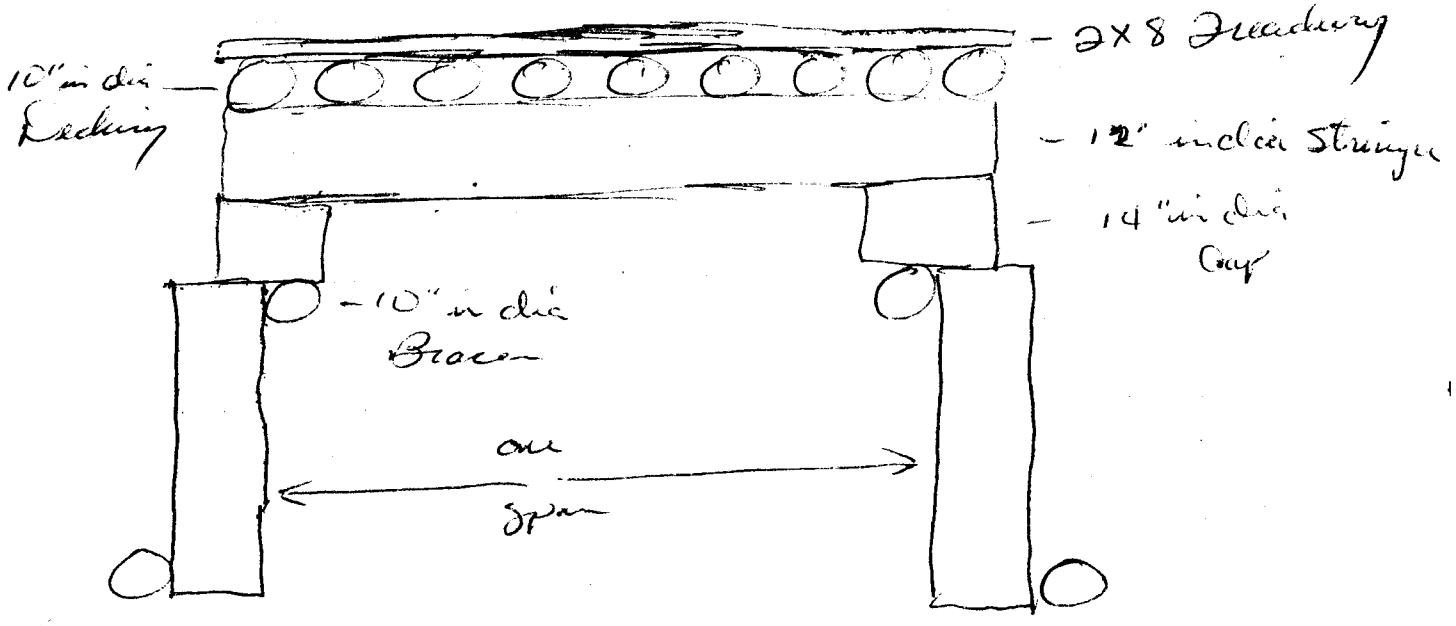
E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View





Treads

Stream Bed

Stream Bank

H
23

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord)_____.
2. Length 40 ft; Overall width 20 ft; Road width 19 ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14"; Material Wood.
5. Spans: Number of 3; Length 13'; Material Wood.
6. Stringers: Number of 12; Length 13'; Dimensions or diameter _____ in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 20' ft.
9. Height of bridge above water 9 ft; Depth of water 3 ft.
10. Stream width 20 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 5 ft; Type of vegetation along banks Weeds.
13. Stream bottom: Type material Muddy; Bypass conditions* D.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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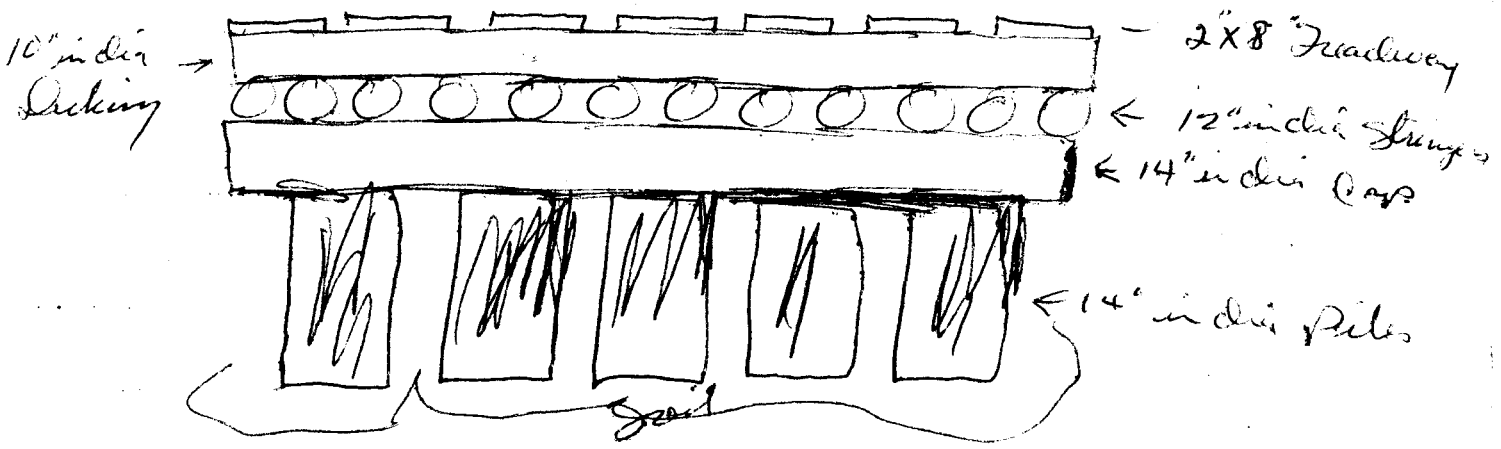
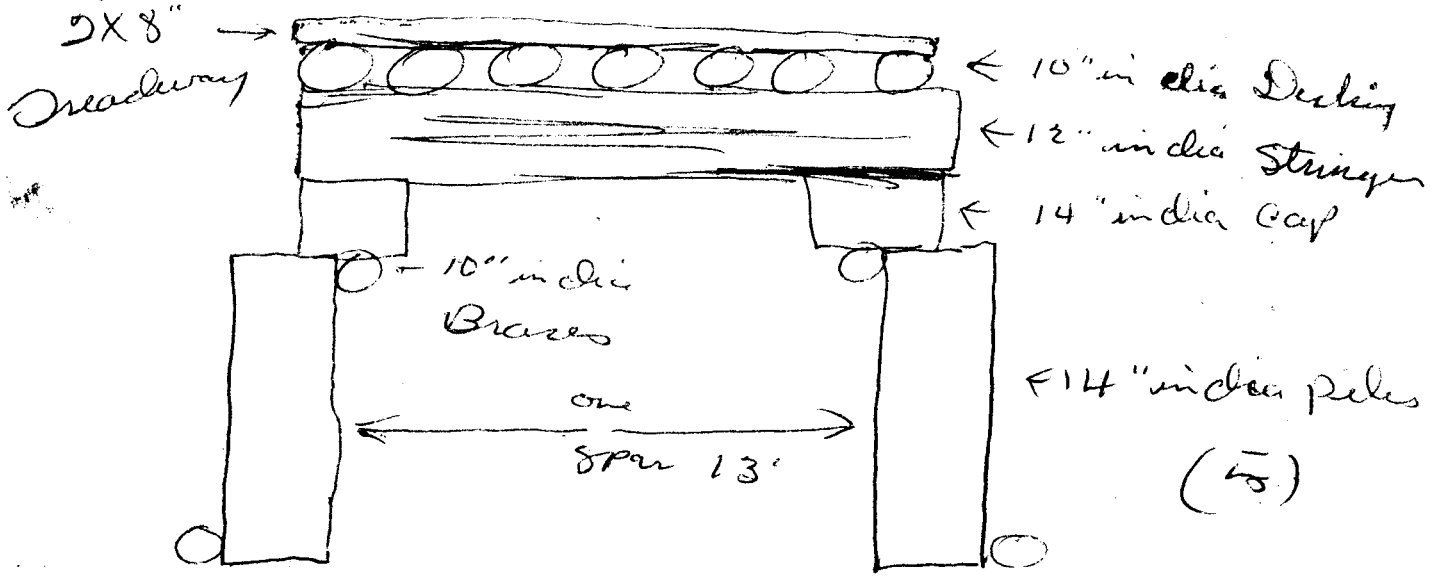
End View



Side Section



74
24

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 40' ft; Overall width 32 ft; Road width 21 ft.
3. Abutments: Type Jump Material Wood.
4. Posts: Number of 20; Size 14"; Material Wood.
5. Spans: Number of 3; Length 13'; Material Wood.
6. Stringers: Number of 12; Length 13'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 22' ft.
9. Height of bridge above water 9' ft; Depth of water 3' ft.
10. Stream width 24 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 4' ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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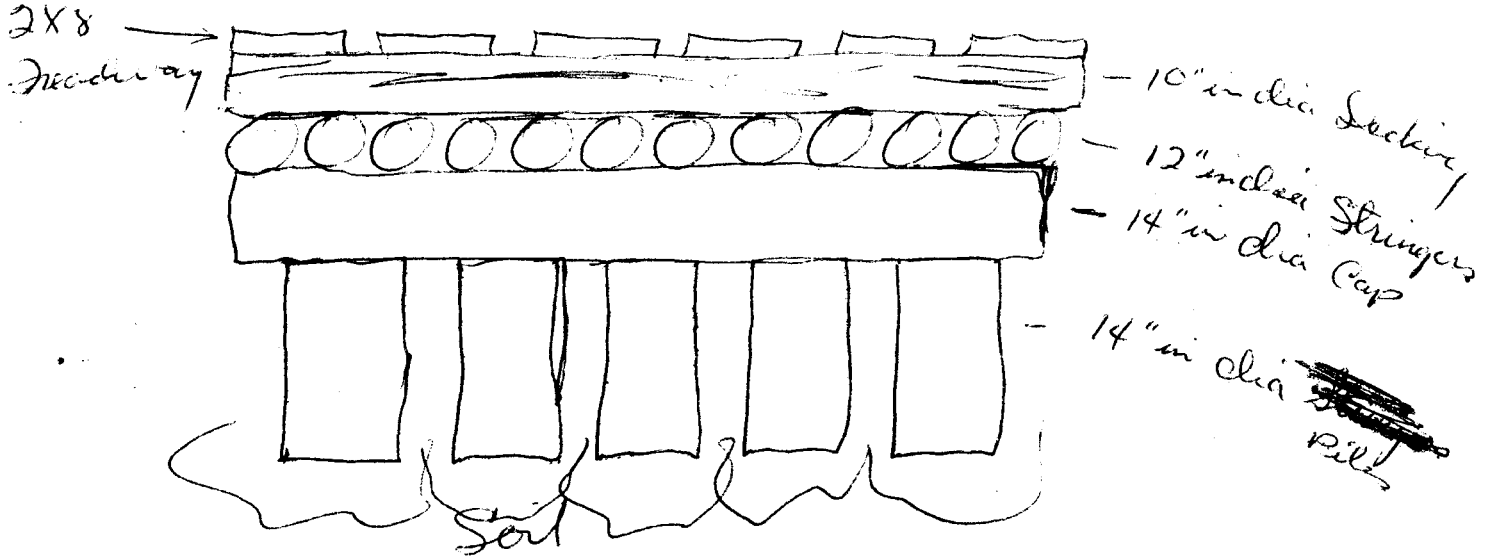
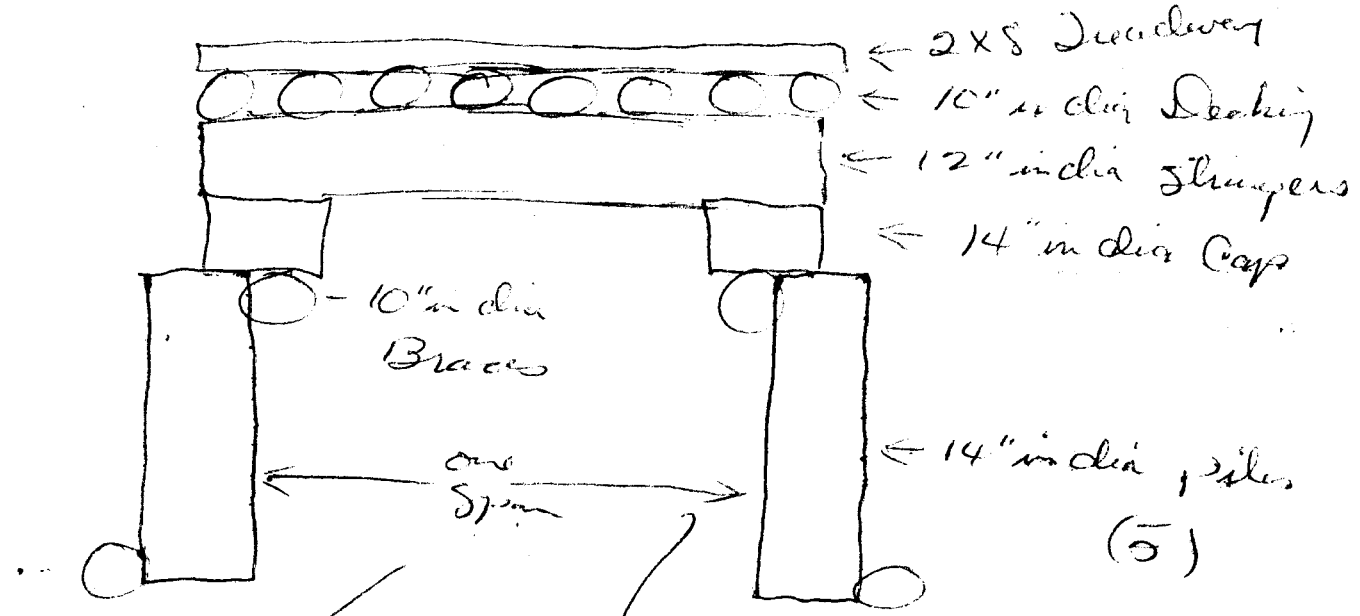
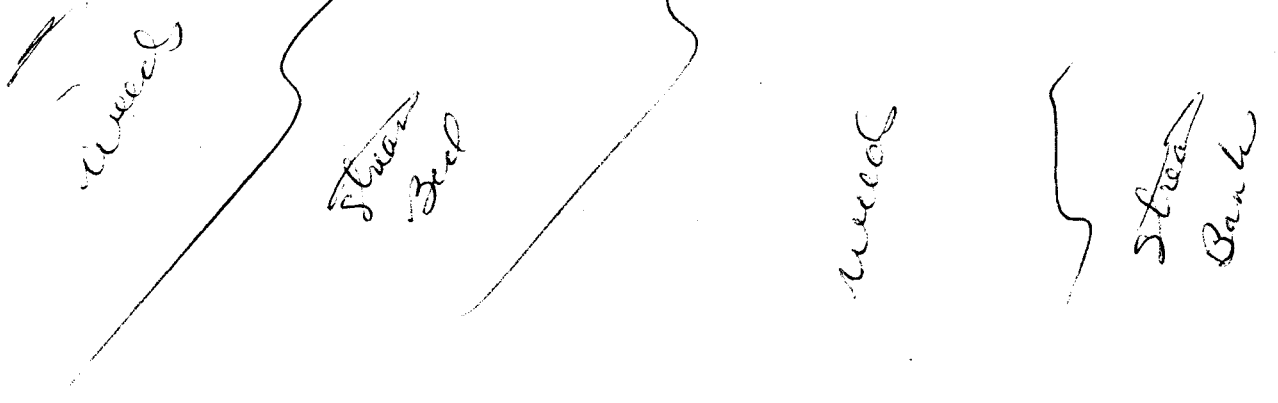
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View


2X8
Decking
10" in dia Decking
12" in dia Stringers
14" in dia Cap
14" in dia
Pile
Soil


2X8 Decking
10" in dia Decking
12" in dia Stringers
14" in dia Cap
10" in dia
Brace
one
Span
14" in dia Piles
(5)


Wood
Steel
Bulk
Wood
Steel
Bank

#25

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 40' ft; Overall width 20' ft; Road width 19' ft.
3. Abutments: Type Temp Material Wood.
4. Posts: Number of 20; Size 14"; Material Wood.
5. Spans: Number of 3; Length 13'; Material Wood.
6. Stringers: Number of 12; Length 13'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 20' ft.
9. Height of bridge above water 9' ft; Depth of water 2' ft.
10. Stream width 16' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 18" ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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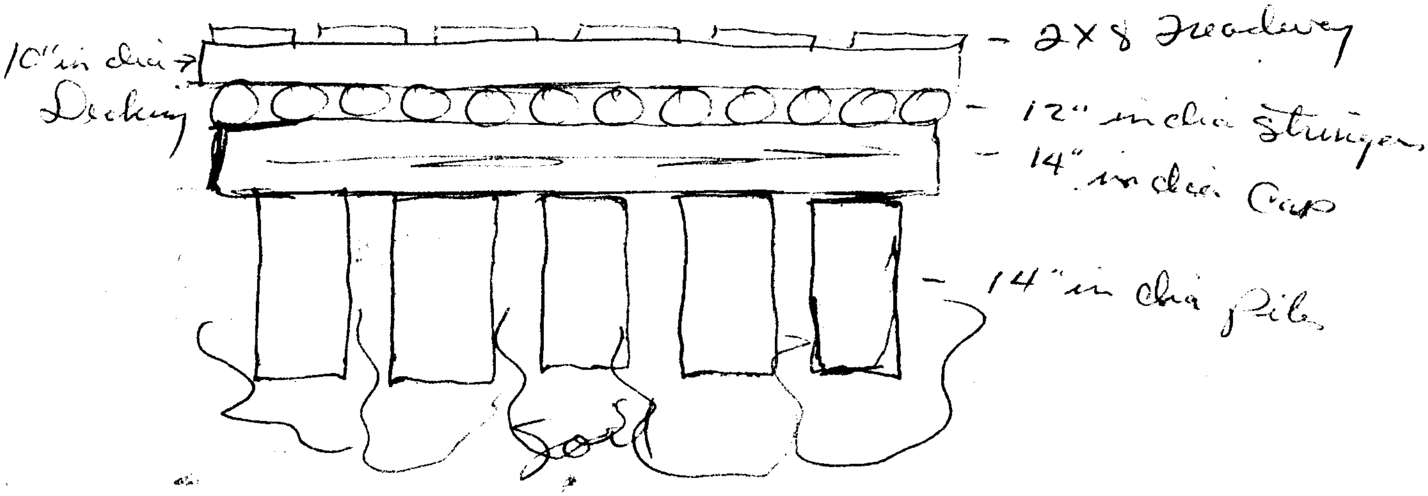
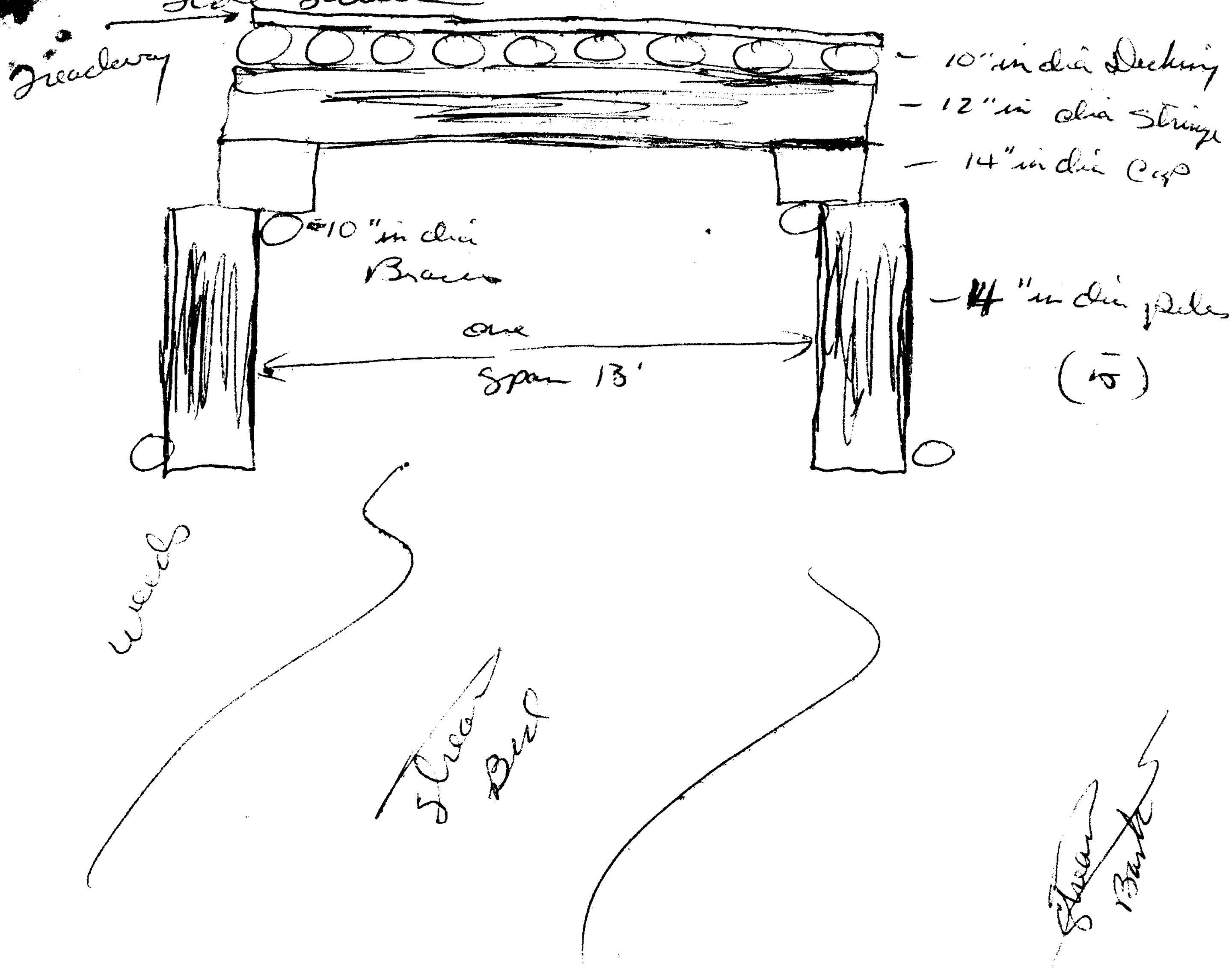
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



#26

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading 34.5 Location (grid coord)_____.
2. Length 40 ft; Overall width 19 ft; Road width 18 ft.
3. Abutments: Type Temp Material Wood.
4. Posts: Number of 20; Size 14; Material Wood.
5. Spans: Number of 3; Length 13'; Material Wood.
6. Stringers: Number of 12; Length 13';
Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle n/a ft; Horizontal 19' ft.
9. Height of bridge above water 7' ft; Depth of water 3 ft.
10. Stream width 90' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade GENTLE; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks ___
Weeds & Small Trees.
13. Stream bottom: Type material Mud; Bypass conditions*_____.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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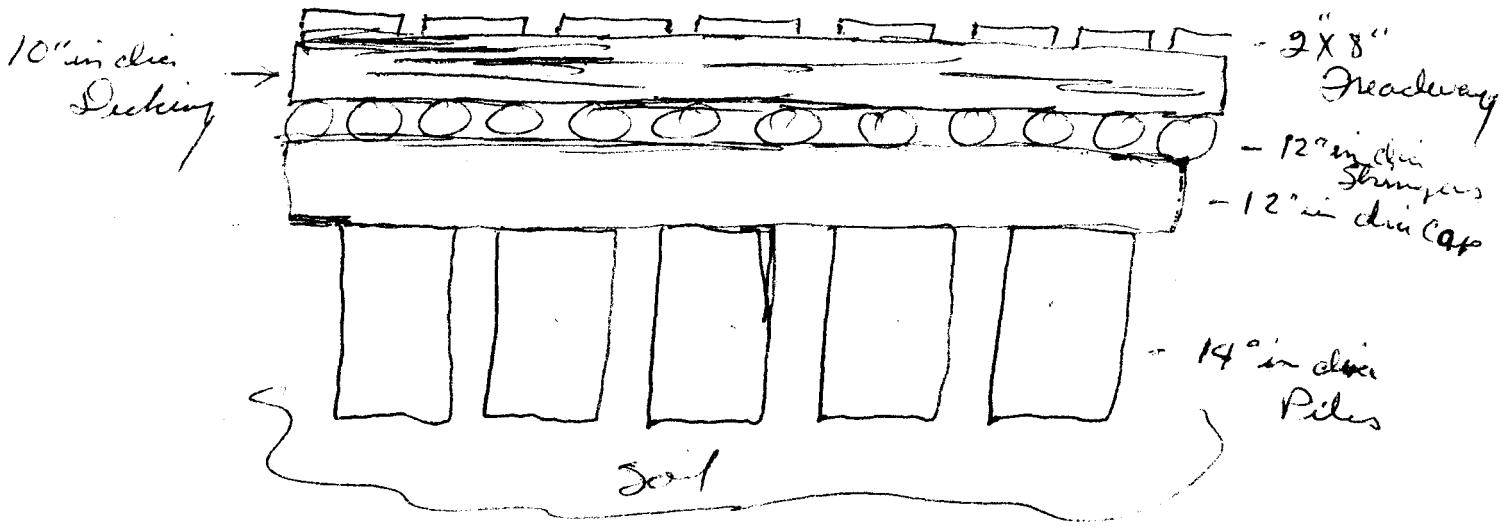
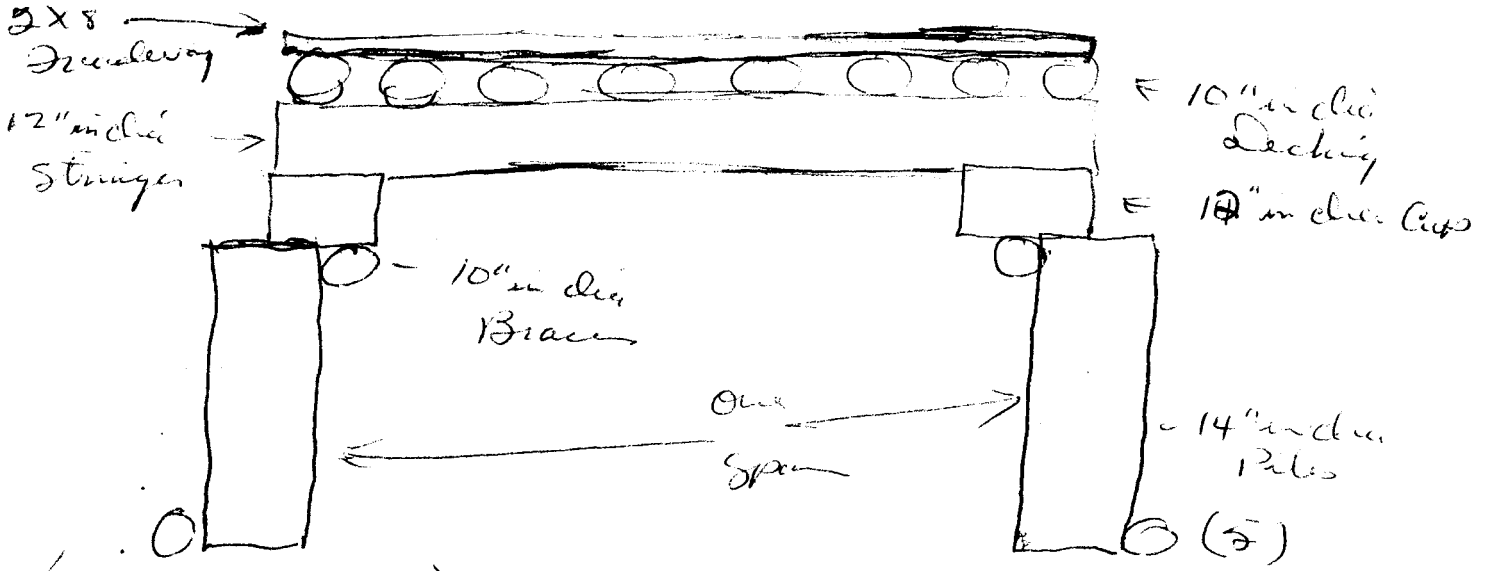
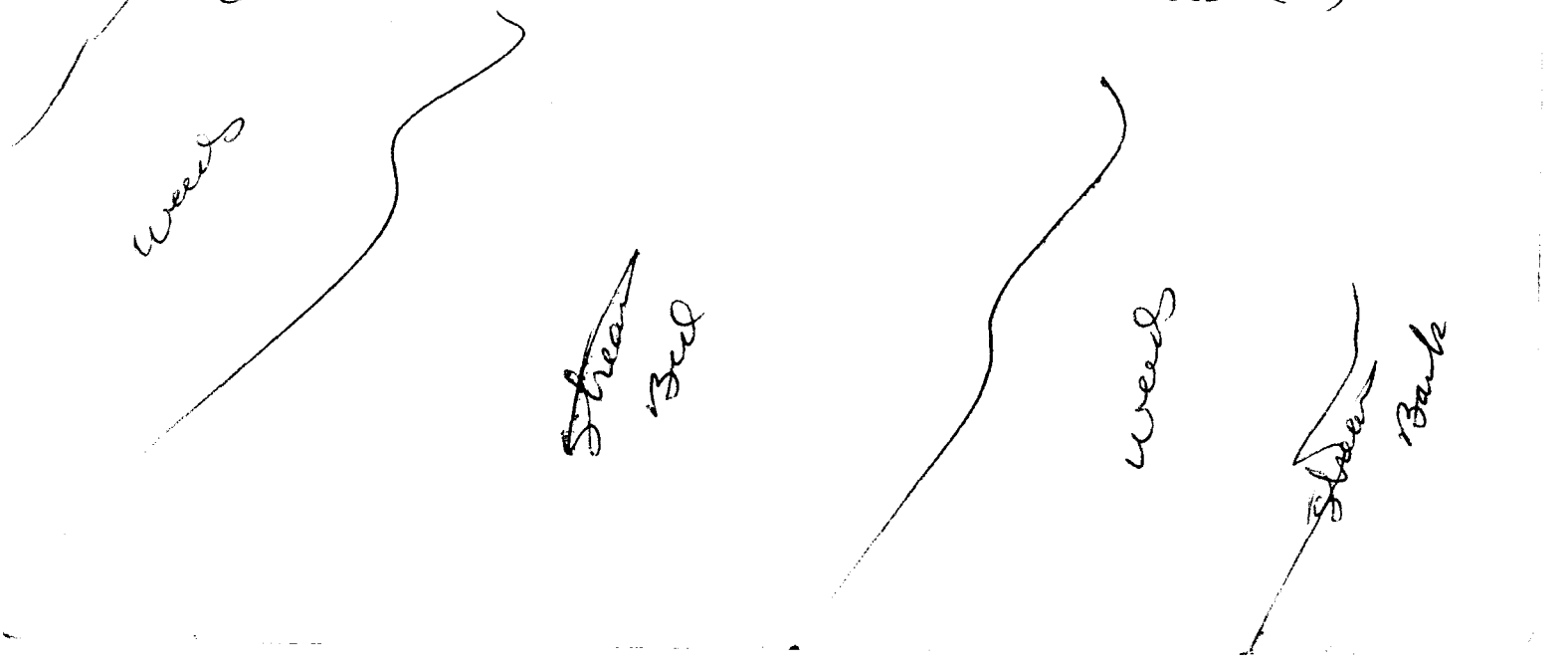
End View



Side Section





#7

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 50' ft; Overall width 18' ft; Road width 17' ft.
3. Abutments: Type Timber Material Wood.
4. Posts: Number of 20 ; Size 14" ; Material Wood.
5. Spans: Number of 3 ; Length 17' ; Material Wood.
6. Stringers: Number of 12" ; Length 17' ;
Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood ; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 18' ft.
9. Height of bridge above water 10 ft; Depth of water 3 ft.
10. Stream width 25 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle ; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks ___
Weeds & Large Trees.
13. Stream bottom: Type material Mud ; Bypass conditions* E.

* BYPASS CONDITIONS:

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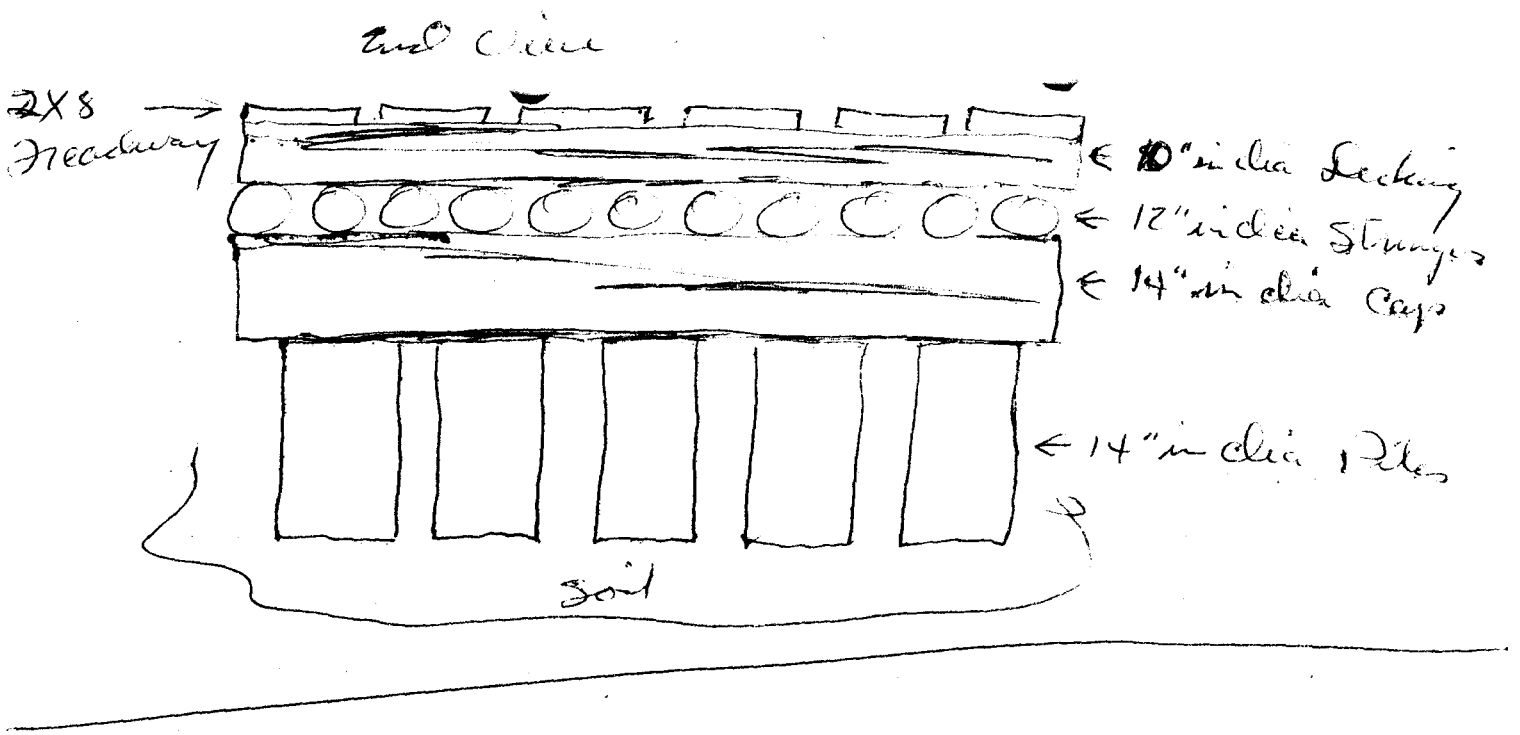
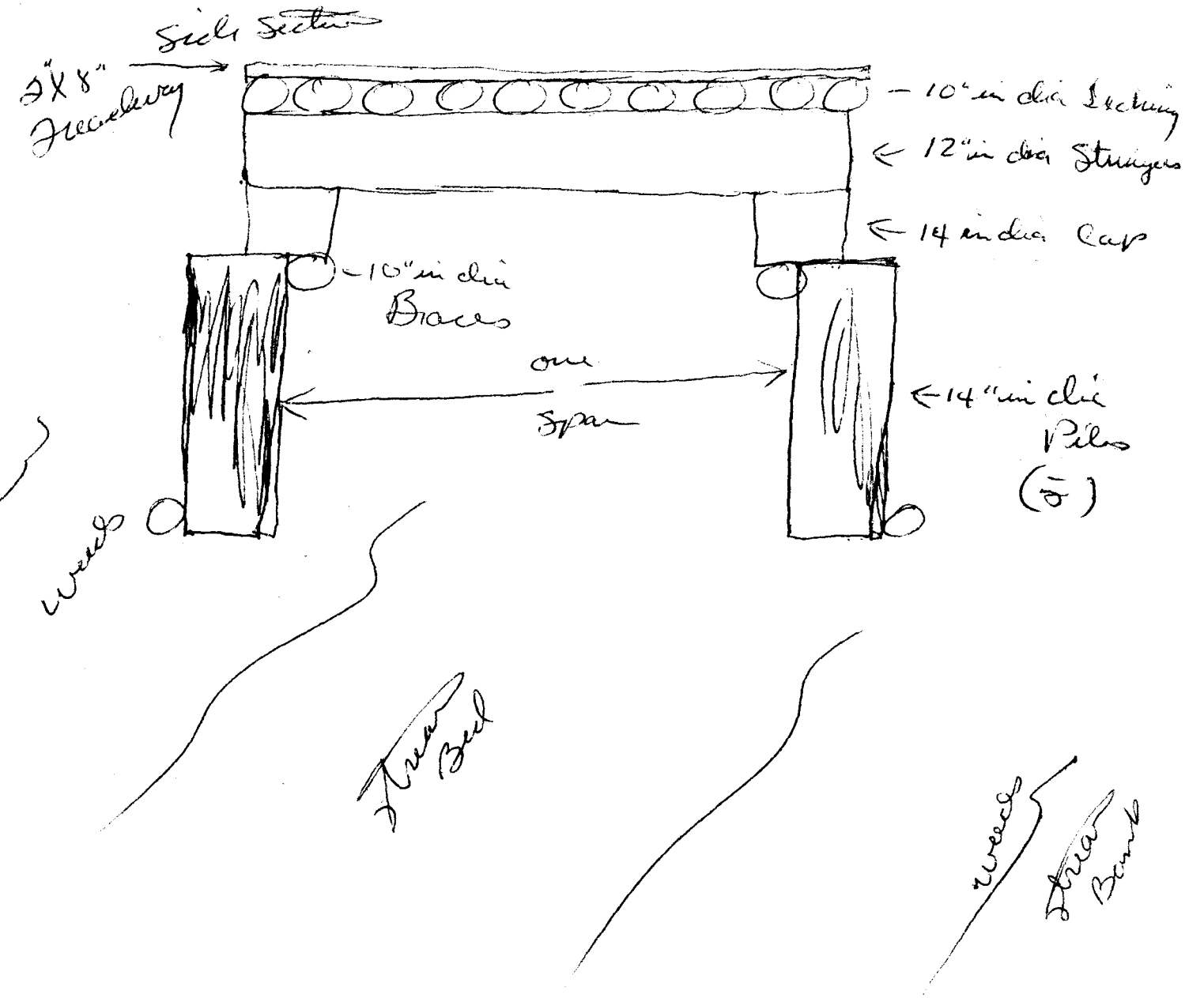

End View
2X8
Treadway
← 10" in dia Decking
← 12" in dia Stringers
← 14" in dia Caps
← 14" in dia Piles
Soil


Side Section
2"X8"
Treadway
← 10" in dia Decking
← 12" in dia Stringers
← 14 in dia Caps
10" in dia
Braces
one
Span
← 14" in dia
Piles
(5)
Wreck
Trees
Trees
Wreck
Trees

28

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading 55.7 Location (grid coord)_____.
2. Length 60' ft; Overall width 19' ft; Road width 18' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 25; Size 14"; Material Wood.
5. Spans: Number of 4; Length 15'; Material Wood.
6. Stringers: Number of 12; Length 15'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10 in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 19' ft.
9. Height of bridge above water 12' ft; Depth of water 2' ft.
10. Stream width 19' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 4' ft; Type of vegetation along banks Weeds & Large Trees.
13. Stream bottom: Type material Mud; Bypass conditions* D.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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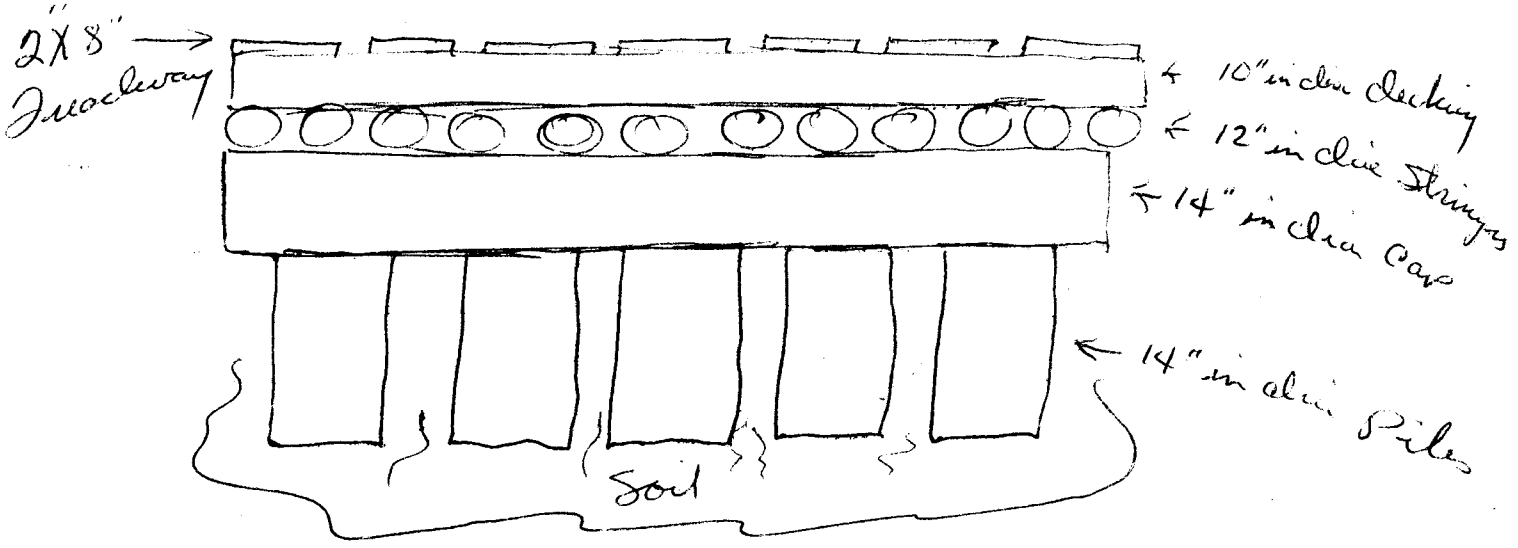
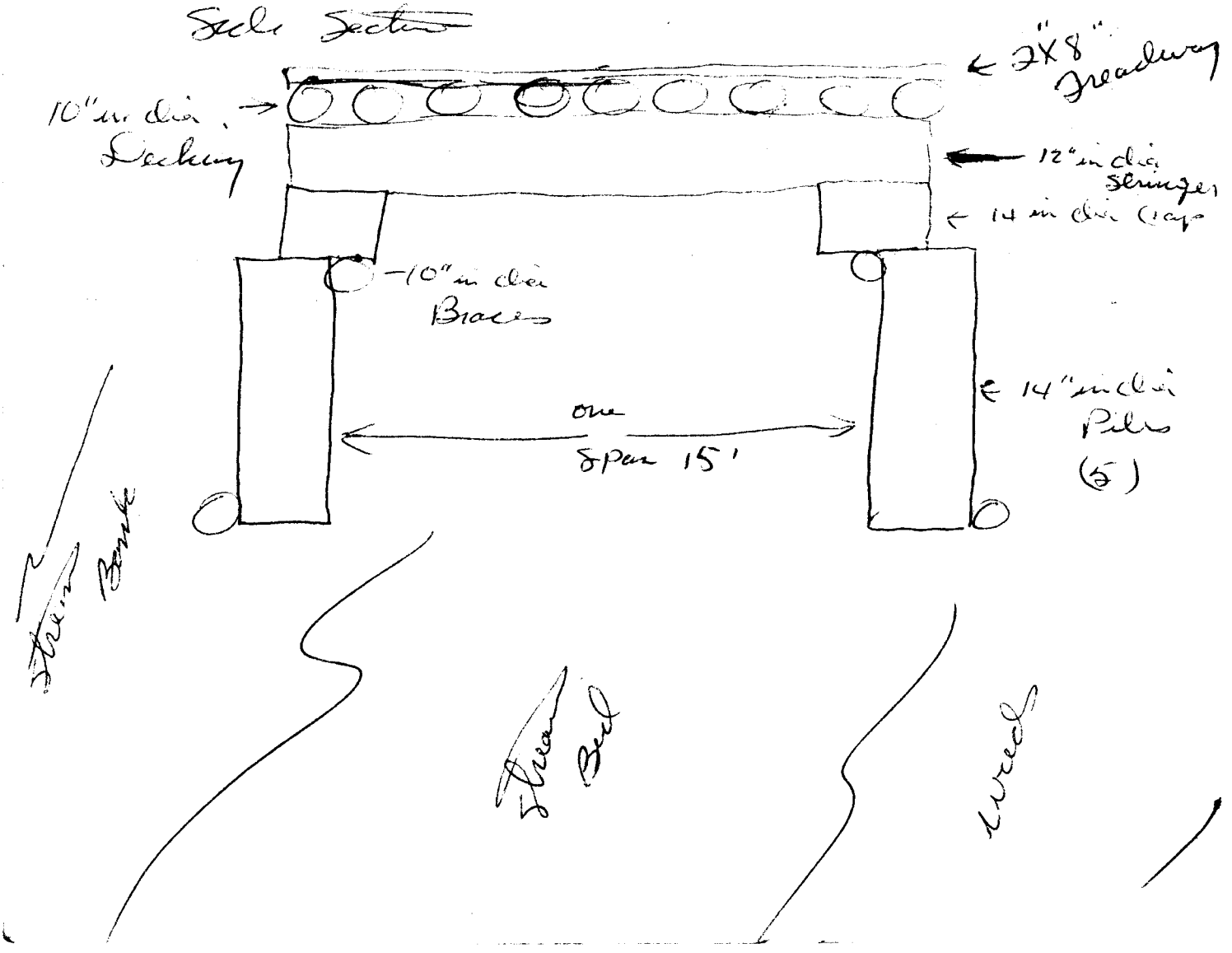
End View



Side Section



#29

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord)_____.
2. Length 34' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 15; Size 18"; Material Wood.
5. Spans: Number of 2; Length 17'; Material Wood.
6. Stringers: Number of 10; Length 17'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 7' ft; Depth of water 2' ft.
10. Stream width 16' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Large Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* D.

* BYPASS CONDITIONS:

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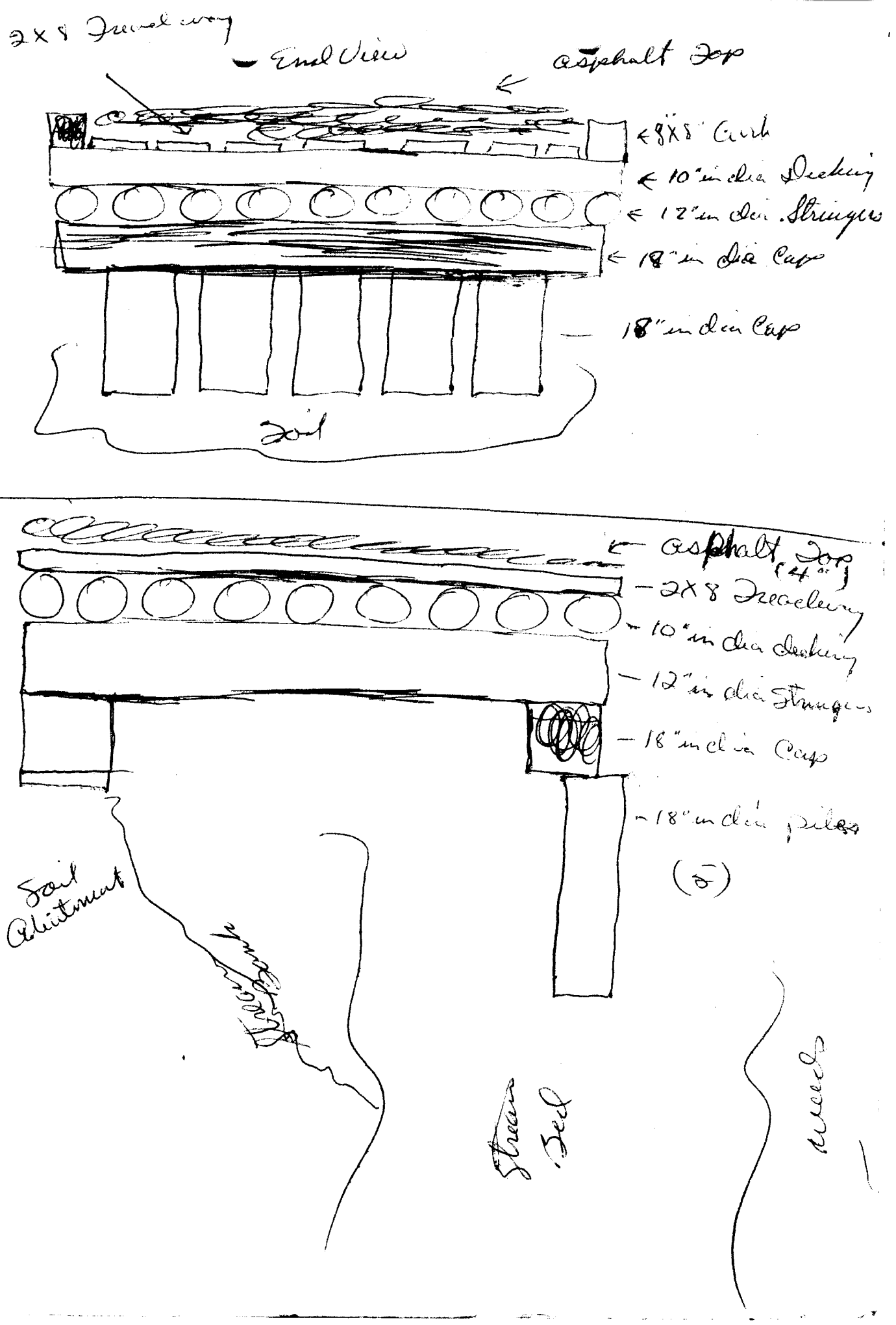
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.


2 x 8 Treadway
End View
asphalt Top
8 X 8" Curb
10" in dia Decking
12" in dia Stringers
18" in dia Cap
18" in dia Cap
Soil
asphalt Top (4")
2 X 8 Treadway
10" in dia decking
12" in dia Stringers
18" in dia Cap
4" X 12" Plate
18" in dia piles
Soil Abutment
Stream Bed

30

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 50' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Imp Material Wood.
4. Posts: Number of 20; Size 14; Material Wood.
5. Spans: Number of 3; Length 17'; Material Wood.
6. Stringers: Number of 12; Length 17'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 8 ft; Depth of water 3' ft.
10. Stream width 19 ft; Current Velocity No Flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds.
13. Stream bottom: Type material Muddy; Bypass conditions* D.

* BYPASS CONDITIONS:

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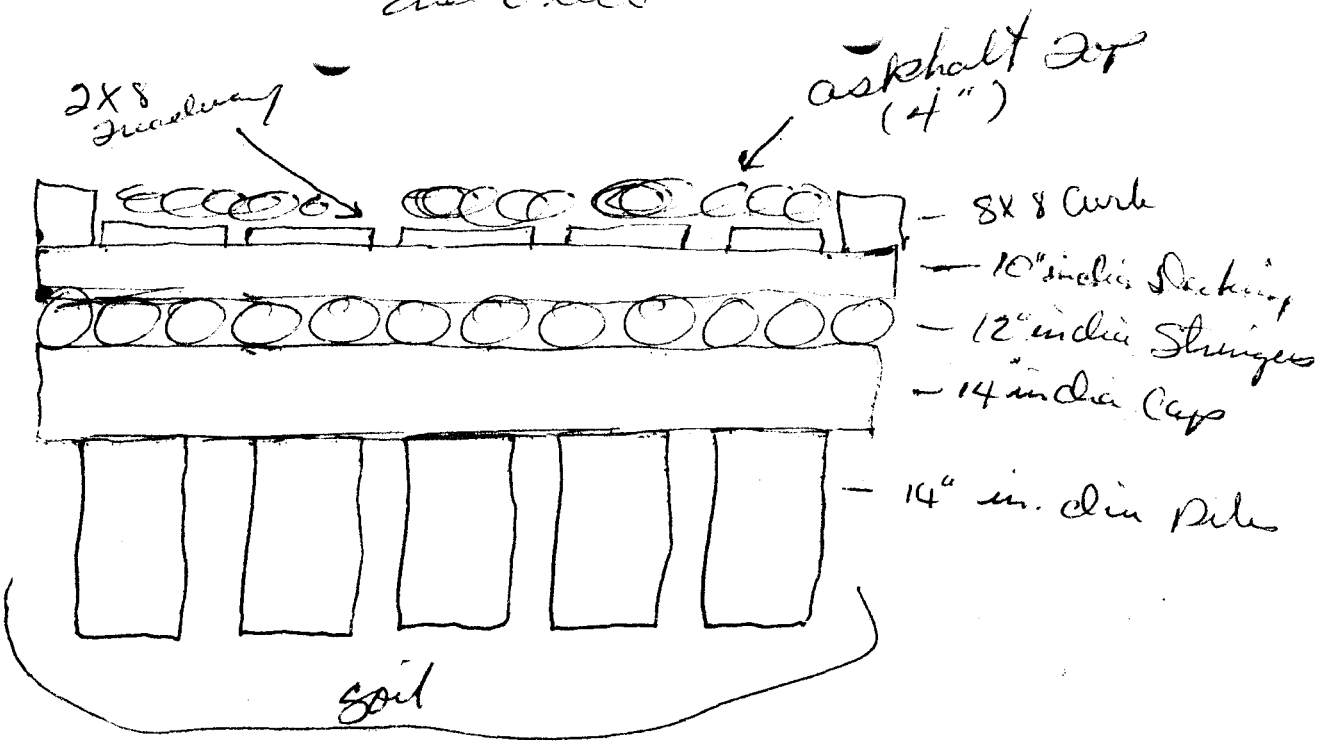
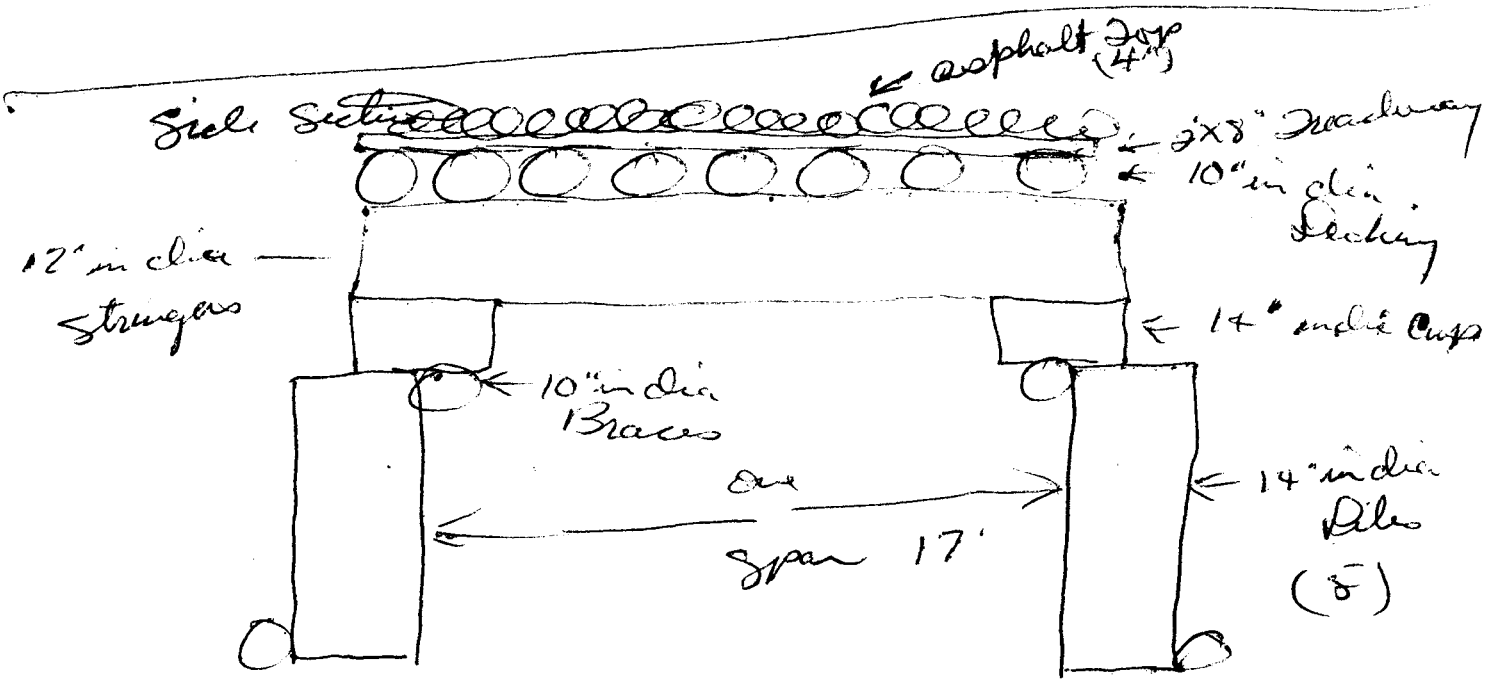
End View



Side Section



Water

#31

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 44' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Temporary Material Wood.
4. Posts: Number of 20; Size 14"; Material Wood.
5. Spans: Number of 3; Length 14'8"; Material Wood.
6. Stringers: Number of 12"; Length 14'4";
Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 8 ft; Depth of water None ft.
10. Stream width 25' ft; Current Velocity None ft per sec.
11. Stream banks: Grade Gentle; Material Soft Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Rice Fields.
13. Stream bottom: Type material Mud; Bypass conditions* E.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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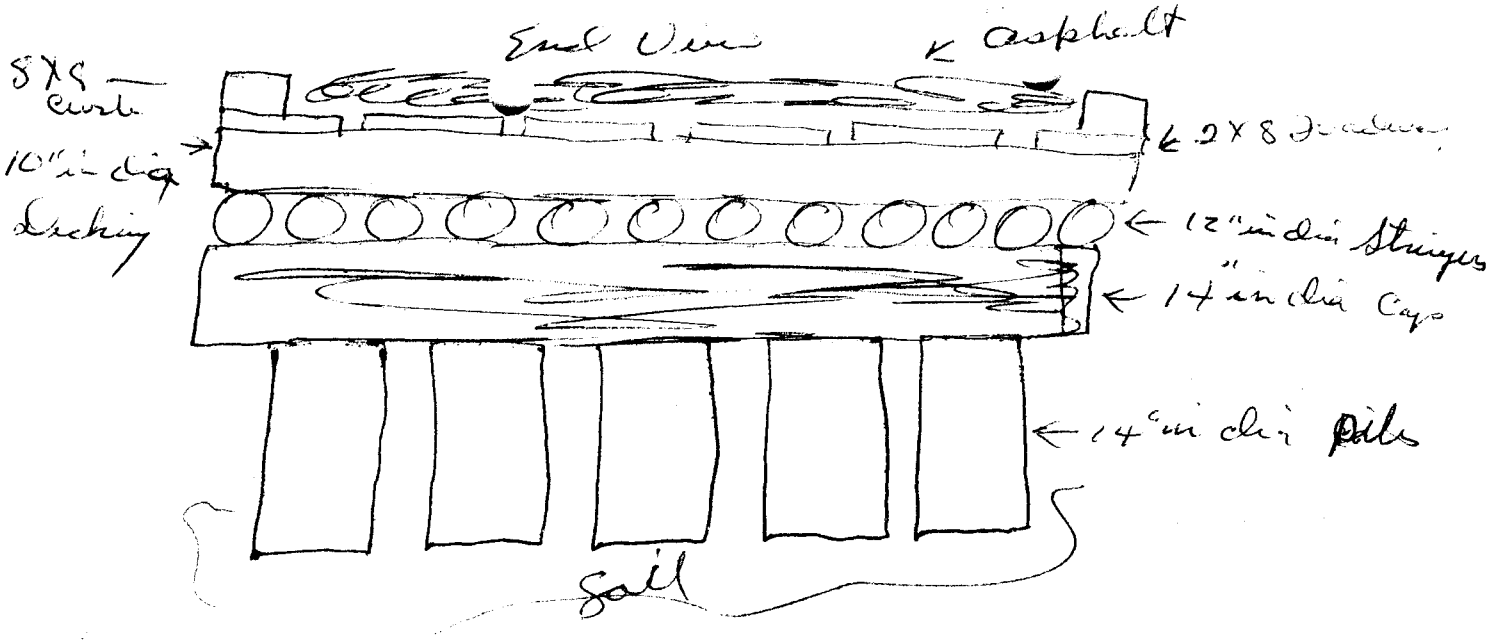
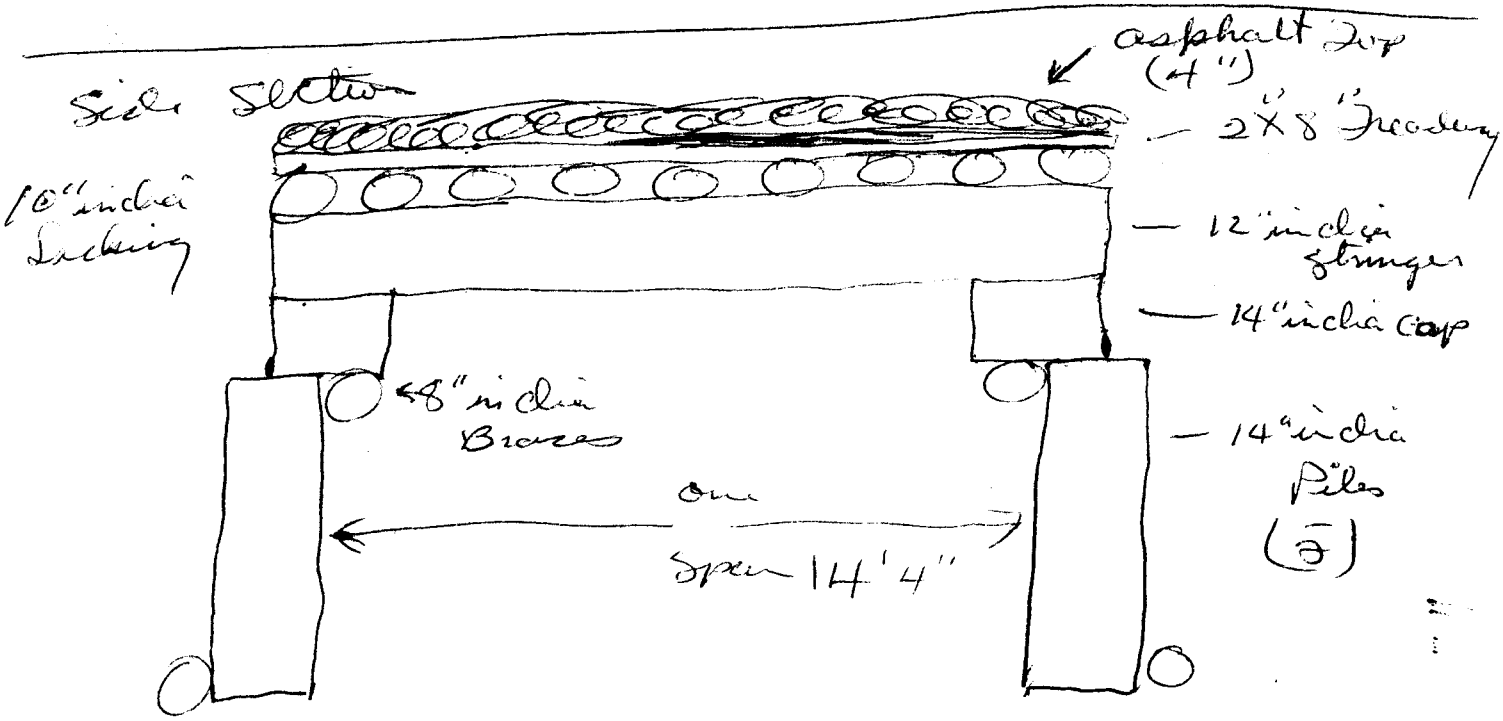
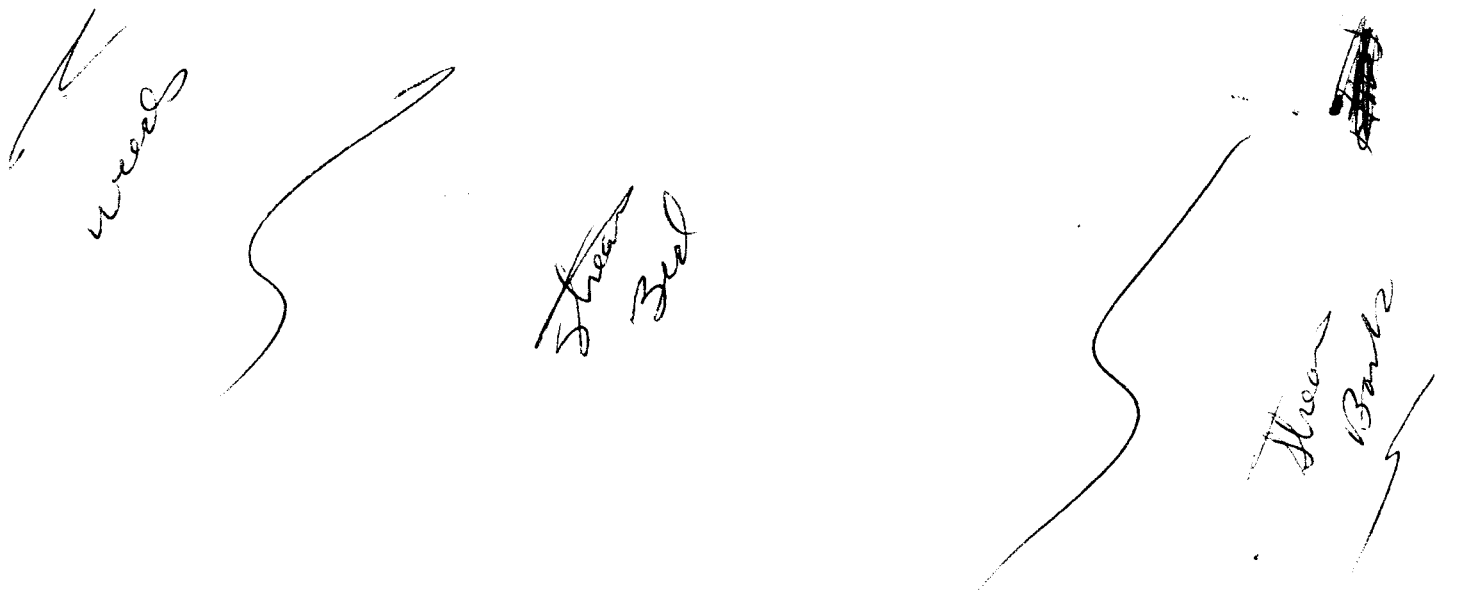

End View
asphalt
8X8 curb
10" inch dia Decking
2X8 Decking
12" inch dia Stringers
14" inch dia Caps
14" inch dia Piles
Soil


Side Section
asphalt Top (4")
2X8" Decking
10" inch dia Decking
12" inch dia stringer
14" inch dia Caps
8" inch dia Braces
14" inch dia Piles (3)
one Span 14'4"



32

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading 15.55.7 Location (grid coord)_____.
2. Length 32' ft; Overall width 20 ft; Road width 19 ft.
3. Abutments: Type Dampory Material Wood.
4. Posts: Number of 15 ; Size 14" ; Material Wood.
5. Spans: Number of 2 ; Length 16' ; Material Wood.
6. Stringers: Number of 12 ; Length 16' ; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 20' ft.
9. Height of bridge above water 7' ft; Depth of water 2' ft.
10. Stream width 14 ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream bottom: Type material Muddy; Bypass conditions* D.

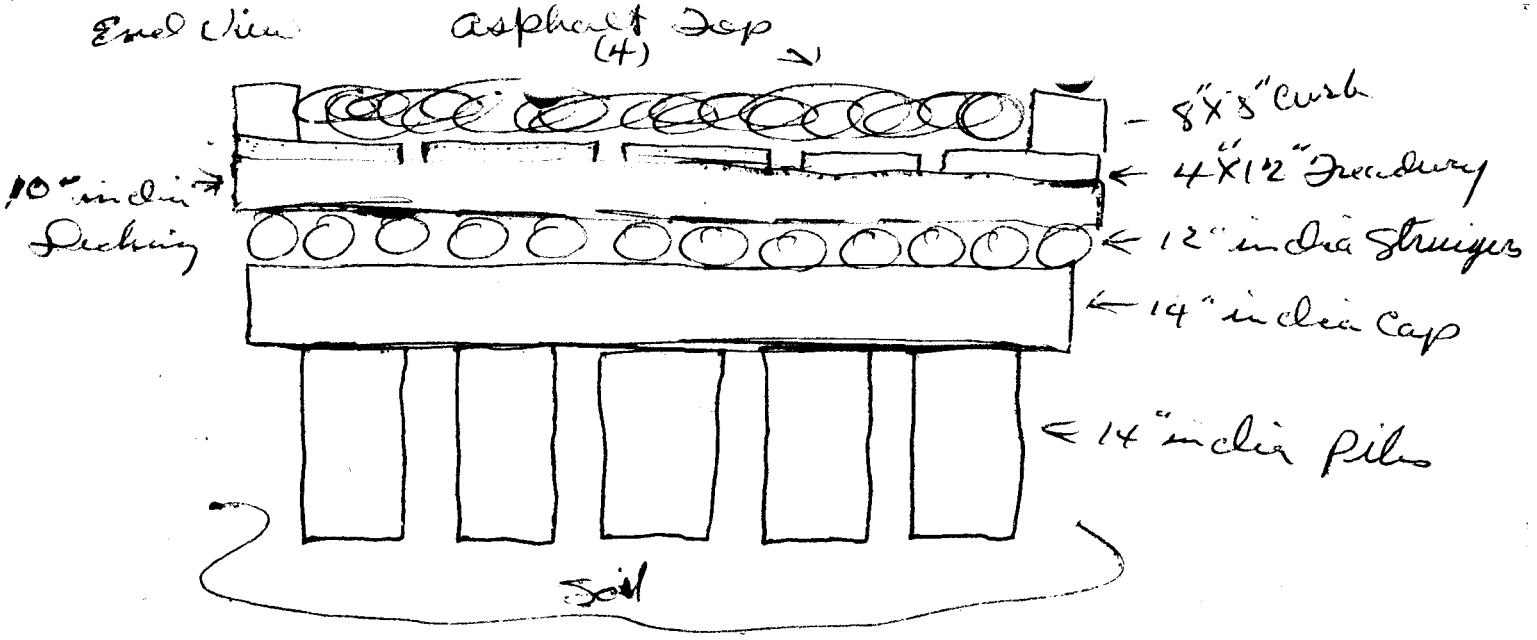
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

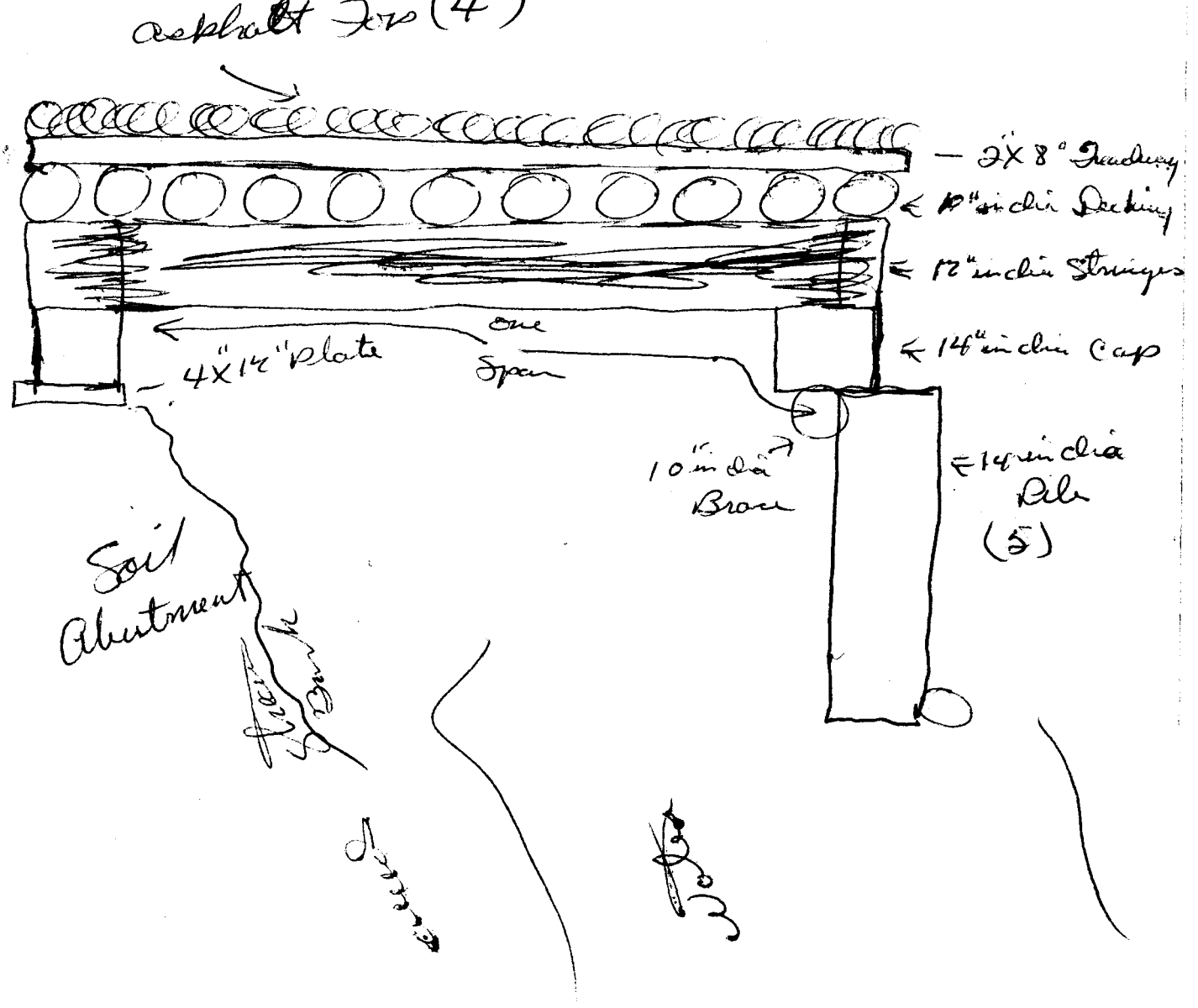
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



#1
32

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 68' ft; Overall width 21' ft; Road width 20' ft.
3. Abutments: Type Tempory Material Wooden.
4. Posts: Number of 25; Size 14"; Material Wood.
5. Spans: Number of 4; Length 17'; Material Wood.
6. Stringers: Number of 12; Length 17'; Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 8' ft; Depth of water 1 ft.
10. Stream width 30' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 3 ft; Type of vegetation along banks Weeds & Rice Fields.
13. Stream bottom: Type material Mud; Bypass conditions* D.

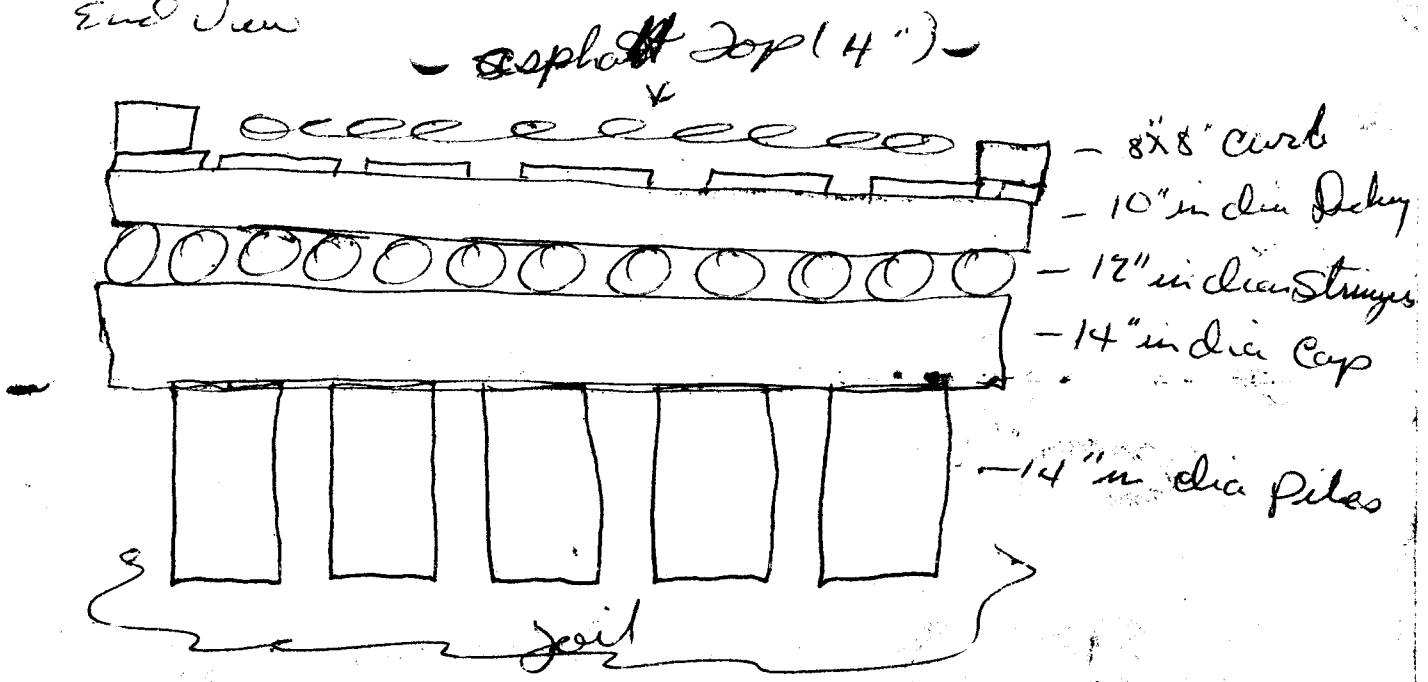
* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes of four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

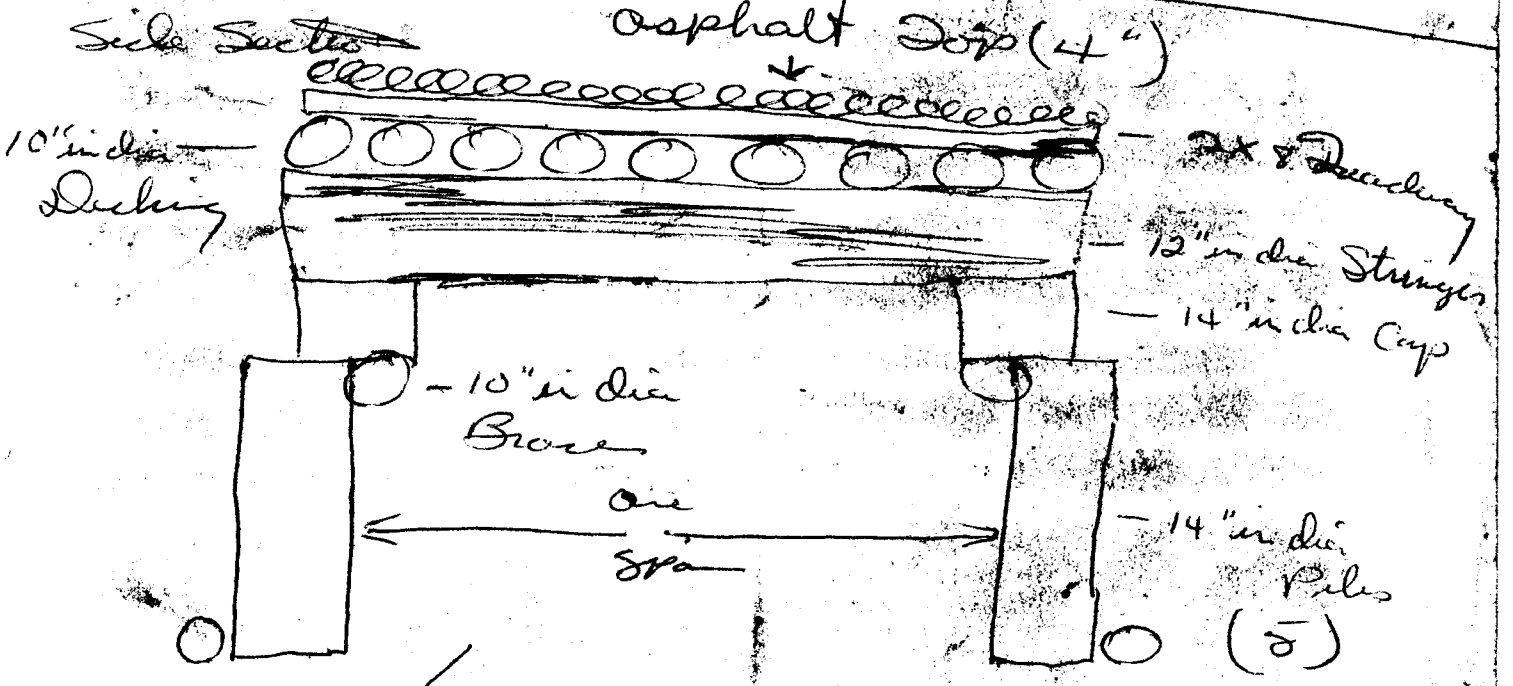
D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossing; depth of slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



weeds

Shea Blvd

weeds

#34

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 38' ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Tempory Material Wood.
4. Posts: Nr of 15; Size 14"; Material Wood.
5. Spans: Nr of 2; Length 19 ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) _____.
6. Stringers: Nr of 12; Length 19' ft.
   Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 5' ft; Depth of water 1' ft.
10. Stream width 15 ft; Current Velocity No Flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds.
13. Stream botton: Type material Mud; Bypass conditions* E.
14. Estimated class: One way _____; two way _____.

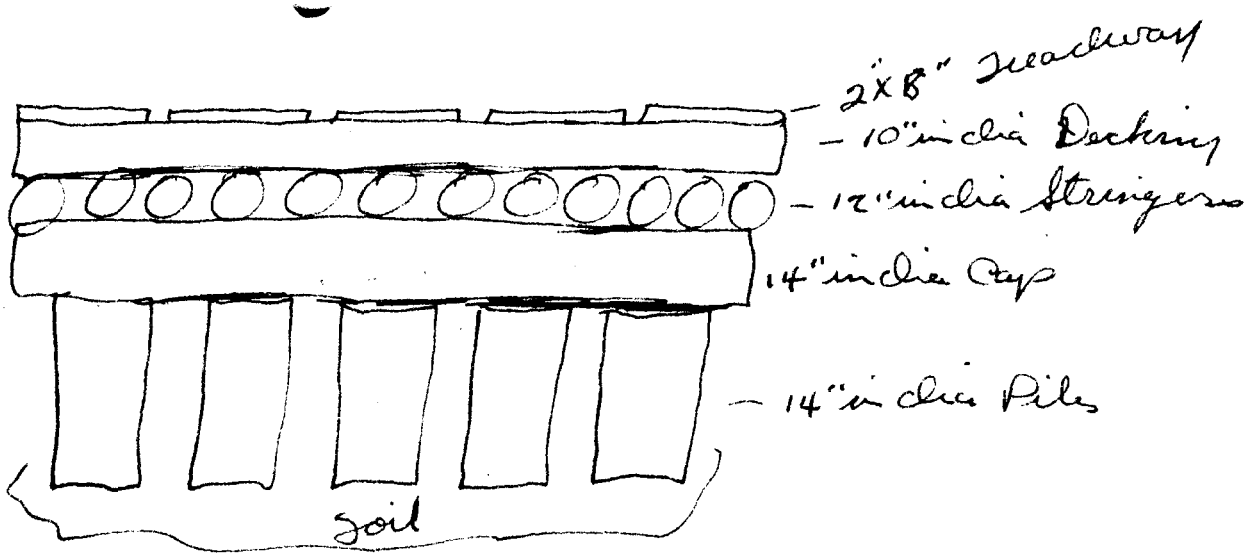
* BYPASS CONDITIONS:

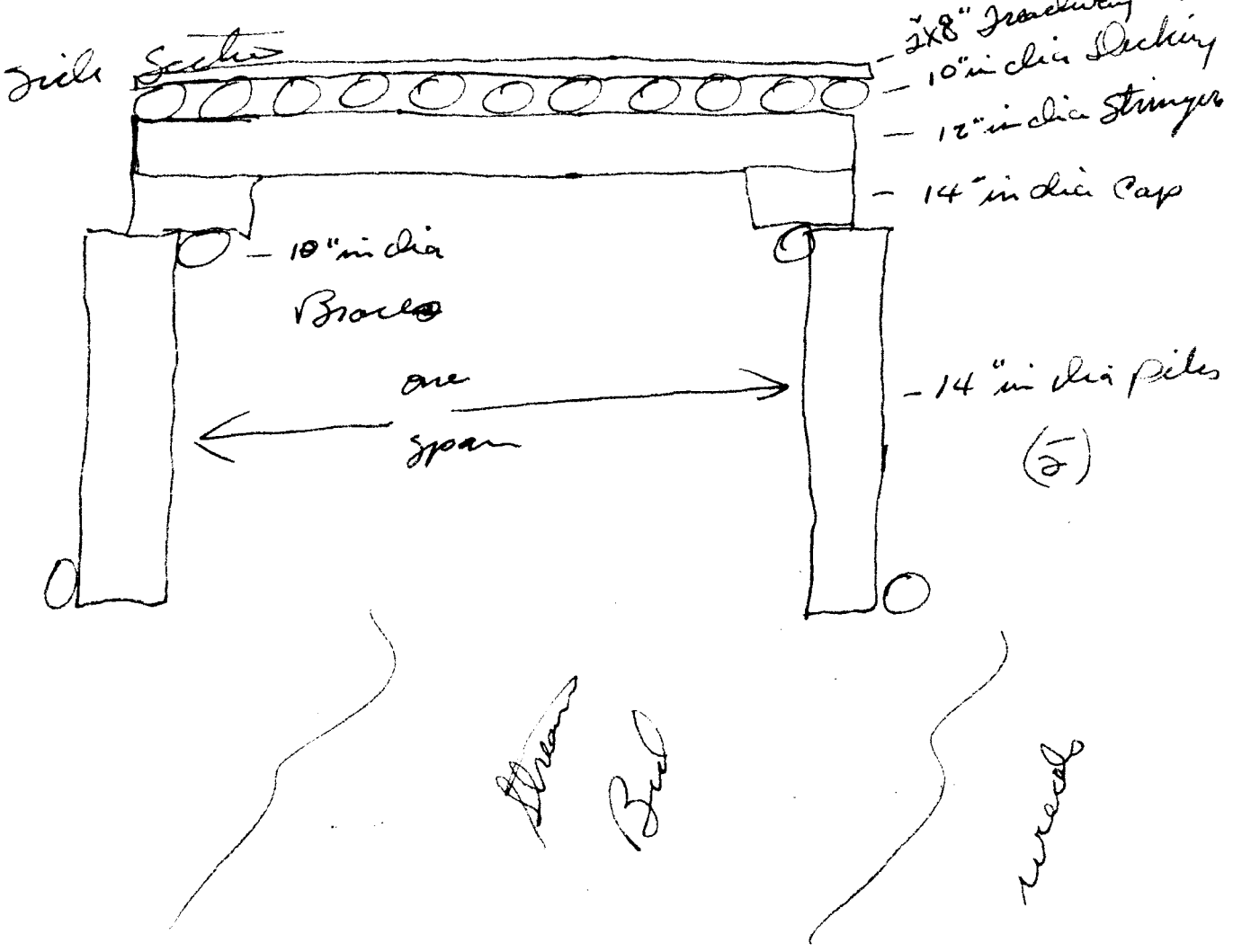
E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes or four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

D - Difficult bypass: More than four hours are required for 35 men, with appropriate engineer equipment, to improve or construct.

I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossings; depth or slope of obstacle prohibits construction of approaches to the crossing site.

End View


2"x8" Roadway
10" in dia Decking
12" in dia Stringers
14" in dia Cap
14" in dia Piles
Soil


Side Section
2"x8" Roadway
10" in dia Decking
12" in dia Stringer
14" in dia Cap
10" in dia
Braces
one
span
14" in dia Piles
(5)
Stream
Bed
weeds

#35

UNIT _____ DATE _____

(35)

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 118' ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Temporary Material Wood.
4. Posts: Nr of 40; Size 14"; Material Wood.
5. Spans: Nr of 7; Length 17' ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) Truss.
6. Stringers: Nr of 12; Length 17' ft.
   Dimensions or diameter 12" min dia in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 13' ft; Depth of water 3' ft.
10. Stream width 9' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade 3'; Material Hard Soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Small Trees.
13. Stream botton: Type material Mud; Bypass conditions* E.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes or four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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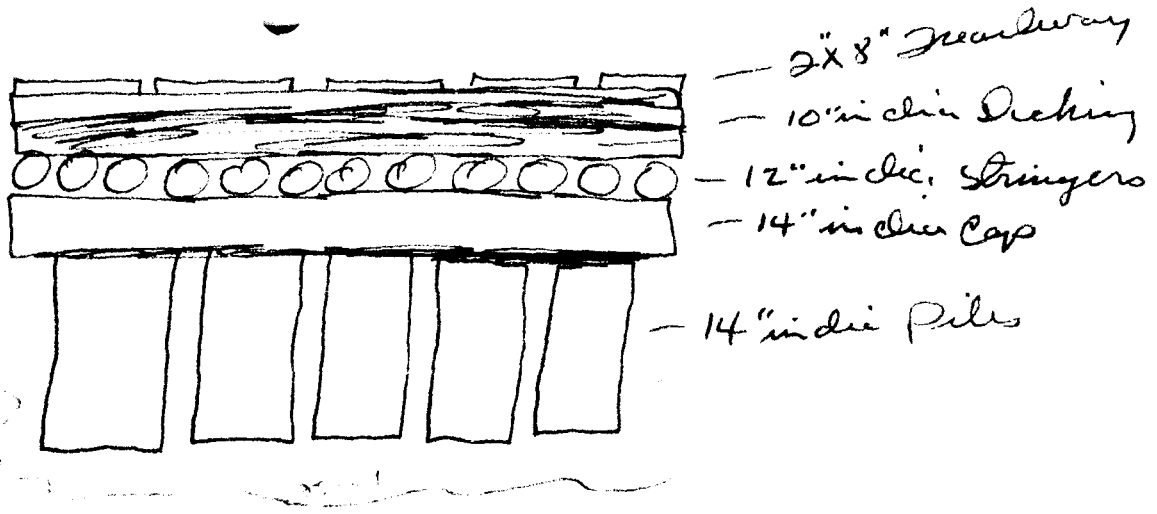
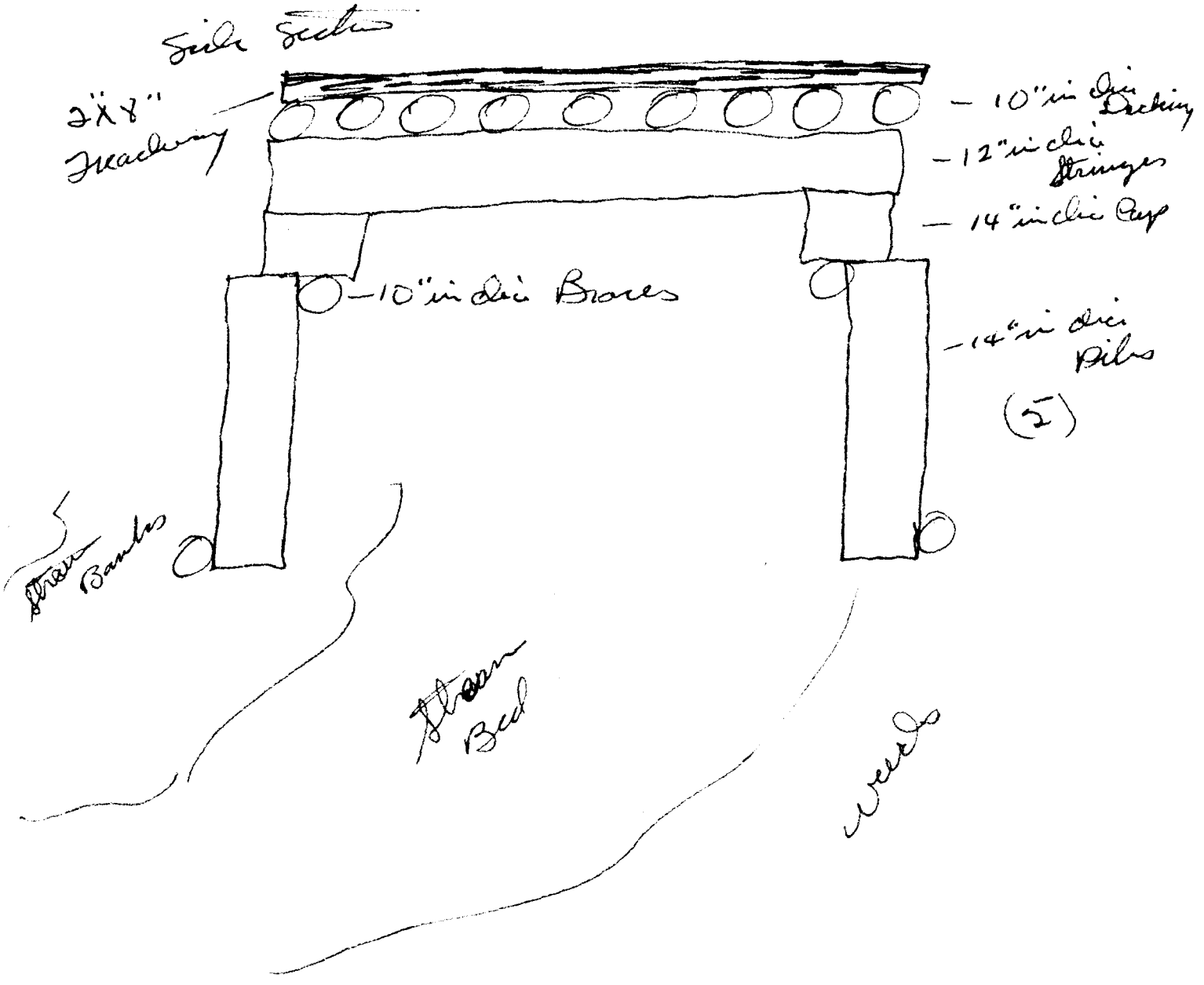
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossings; depth or slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



(5)

#36

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length 120' ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Tempory Material Wood.
4. Posts: Nr of 30' ; Size 14" ; Material Wood.
5. Spans: Nr of 5 ; Length 24' ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) Truss.
6. Stringers: Nr of 12 ; Length 24' ft.
   Dimensions or diameter 14" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood ; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 8' ft; Depth of water 3' ft.
10. Stream width 35' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade GENTLE ; Material Hard soil.
12. Height of stream banks 3' ft; Type of vegetation along banks Weeds & Rice Fields.
13. Stream botton: Type material Muddy ; Bypass conditions* D.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes or four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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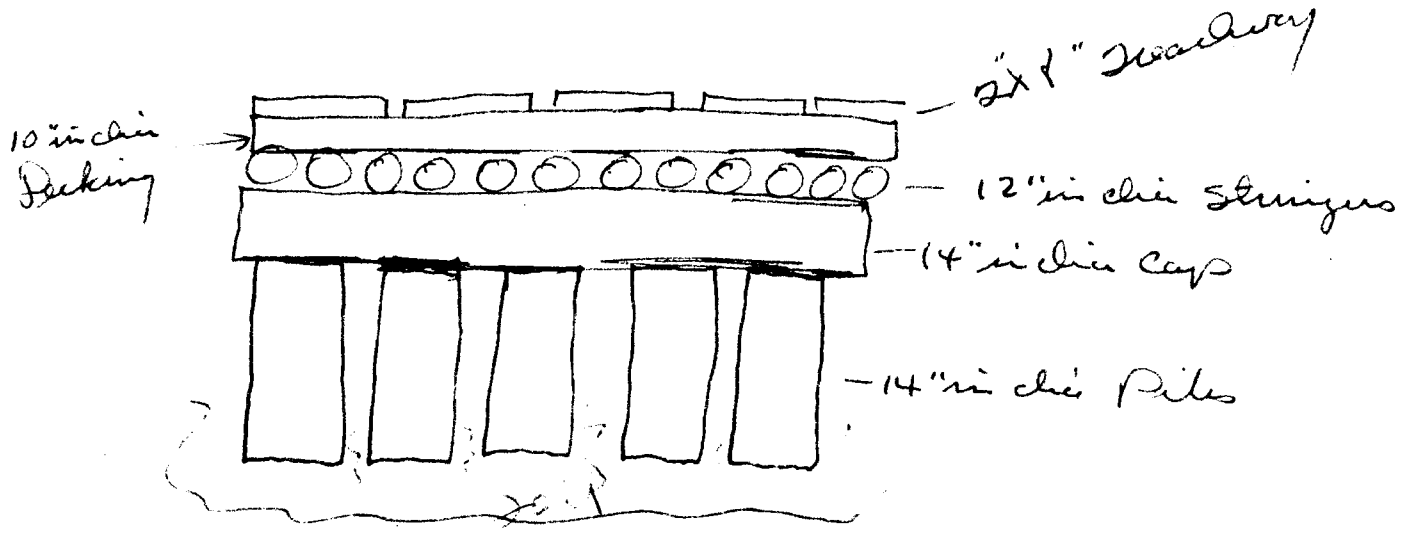
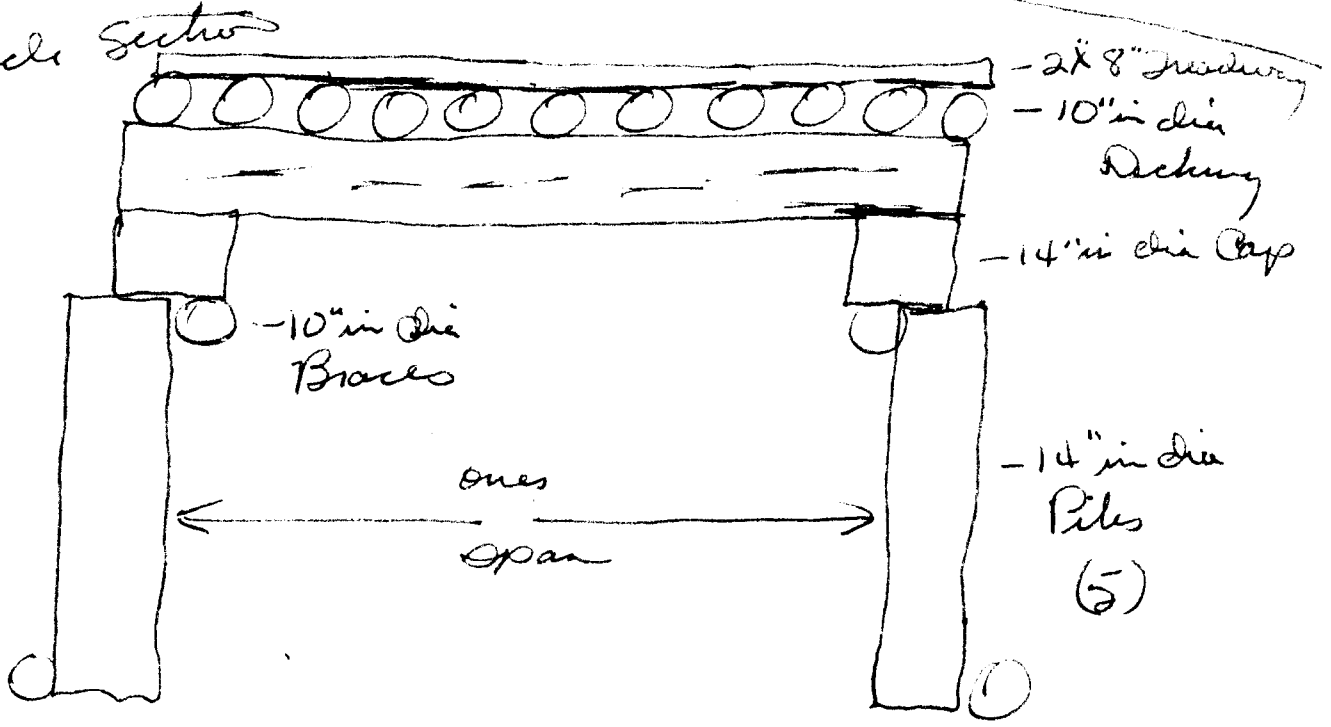
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossings; depth or slope of obstacle prohibits construction of approaches to the crossing site.

End View



Side Section



water

#37

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ___ to Road Report Number_____.

1. Mileage reading [illegible] Location (grid coord)_____.
2. Length 72' ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Temp Material Wood.
4. Posts: Nr of 22; Size 18"; Material Wood.
5. Spans: Nr of 4; Length 18' ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) Truss.
6. Stringers: Nr of 12; Length _____ ft.
   Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Vertical N/A ft; Horizontal 21' ft.
9. Height of bridge above water 11' ft; Depth of water 2' ft.
10. Stream width 35' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 4' ft; Type of vegetation along banks Weeds + Bamboo.
13. Stream botton: Type material Mud; Bypass conditions* E.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

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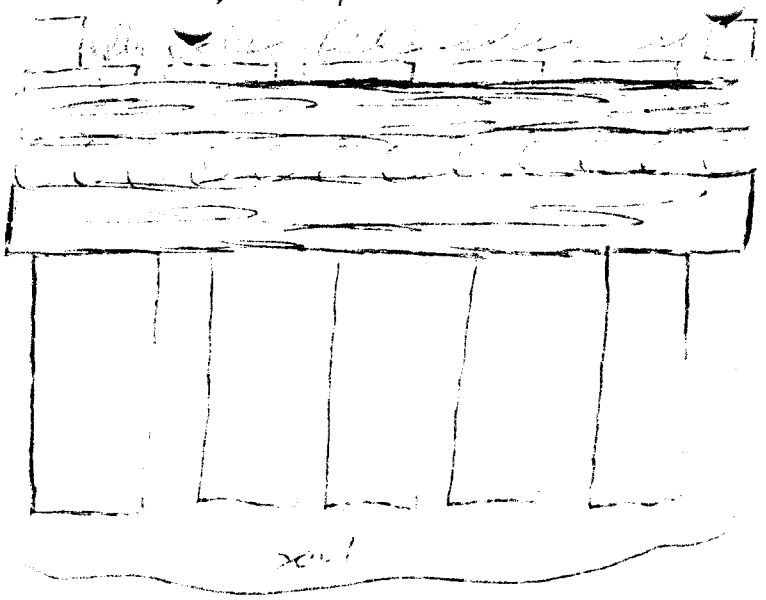
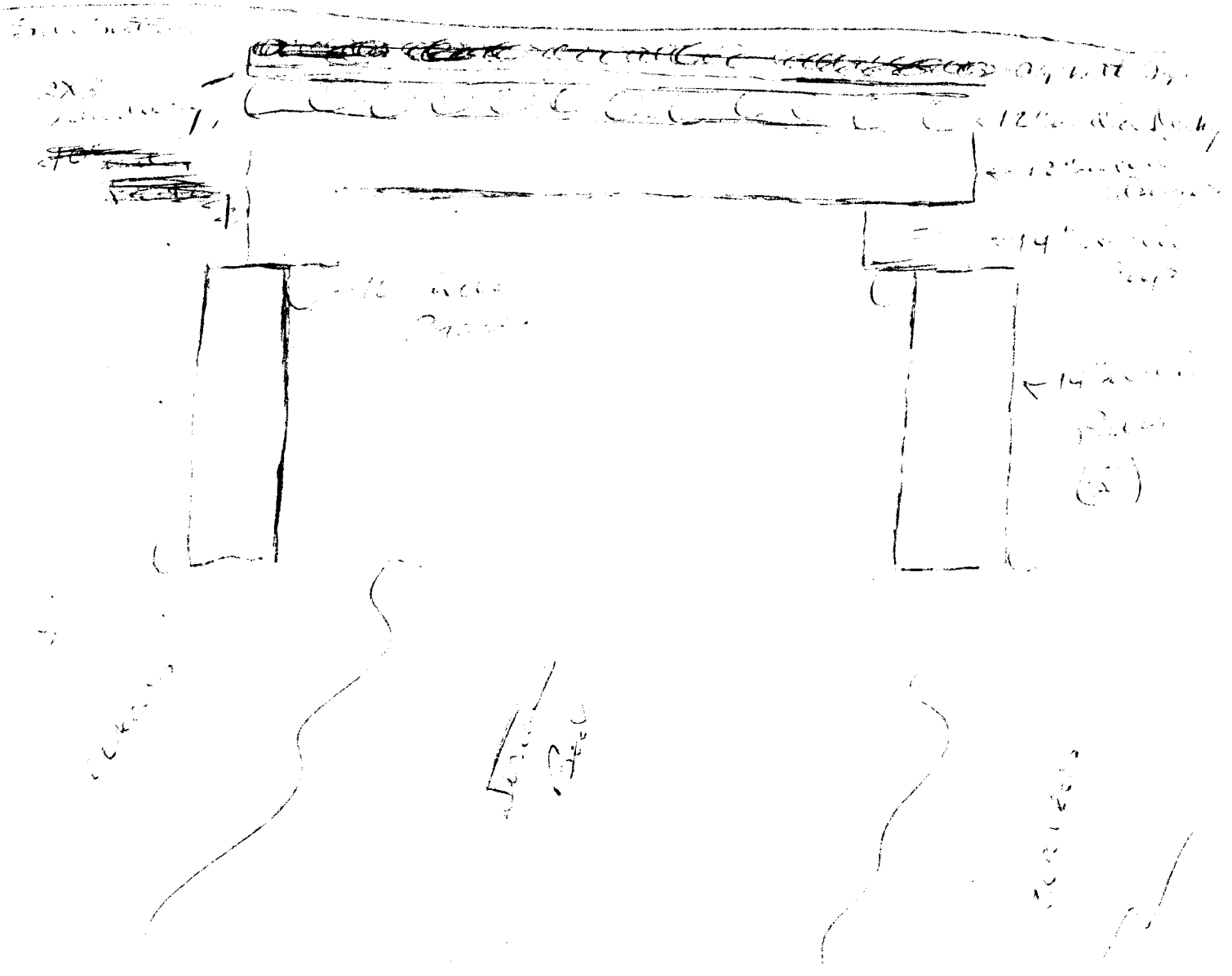
I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossings; depth or slope of obstacle prohibits construction of approaches to the crossing site.





#38

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 144' ft; Overall width 25' ft; Road width 21'.
3. Abutments: Type Penmnate Material Concrete.
4. Posts: Nr of 12"; Size 2'x2'; Material Concrete.
5. Spans: Nr of 3; Length 23'9" ft; Material Concrete.
   Type (beam, slab, arch, truss, girder, suspension) Slab.
6. Stringers: Nr of 3; Length 25' 9" ft.
   Dimensions or diameter 10"X24" in; Material Concrete.
7. Deck: Thickness 14" in; Material Concrete; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 25' ft.
9. Height of bridge above water 15' ft; Depth of water 3' ft.
10. Stream width 40' ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade Gentle; Material Sand
12. Height of stream banks _____ ft; Type of vegetation along banks Weeds & Shrubs.
13. Stream botton: Type meterial Sand; Bypass conditions* E.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

E - Easy bypass: This is a local detour by means of road or cross-country movement to an alternate crossing site which can be made by all types of traffic in a time that presents not over 15 minutes or four miles increase on the time for the direct route. This type of bypass requires less than four hours for 35 men, with appropriate engineer equipment to improve or construct.

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I - Impossible bypass: No alternate bridge is available within a reasonable distance; terrain prohibits off-road movement or temporary road construction; characteristics of the stream to be crossed prohibit fording or construction of temporary crossings; depth or slope of obstacle prohibits construction of approaches to the crossing site.

#39

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 117 ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Timbers Material Wood.
4. Posts: Nr of 40; Size 14"; Material Wood.
5. Spans: Nr of 7; Length 16'7" ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) Truss.
6. Stringers: Nr of 12; Length 16'7" ft.
   Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 9 ft; Depth of water _____ ft.
10. Stream width 37' ft; Current Velocity No flow ft per sec.
11. Stream banks: Grade Gentle; Material Hard Soil.
12. Height of stream banks 4' ft; Type of vegetation along banks Weeds & Bushes.
13. Stream botton: Type material Mud; Bypass conditions* D.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

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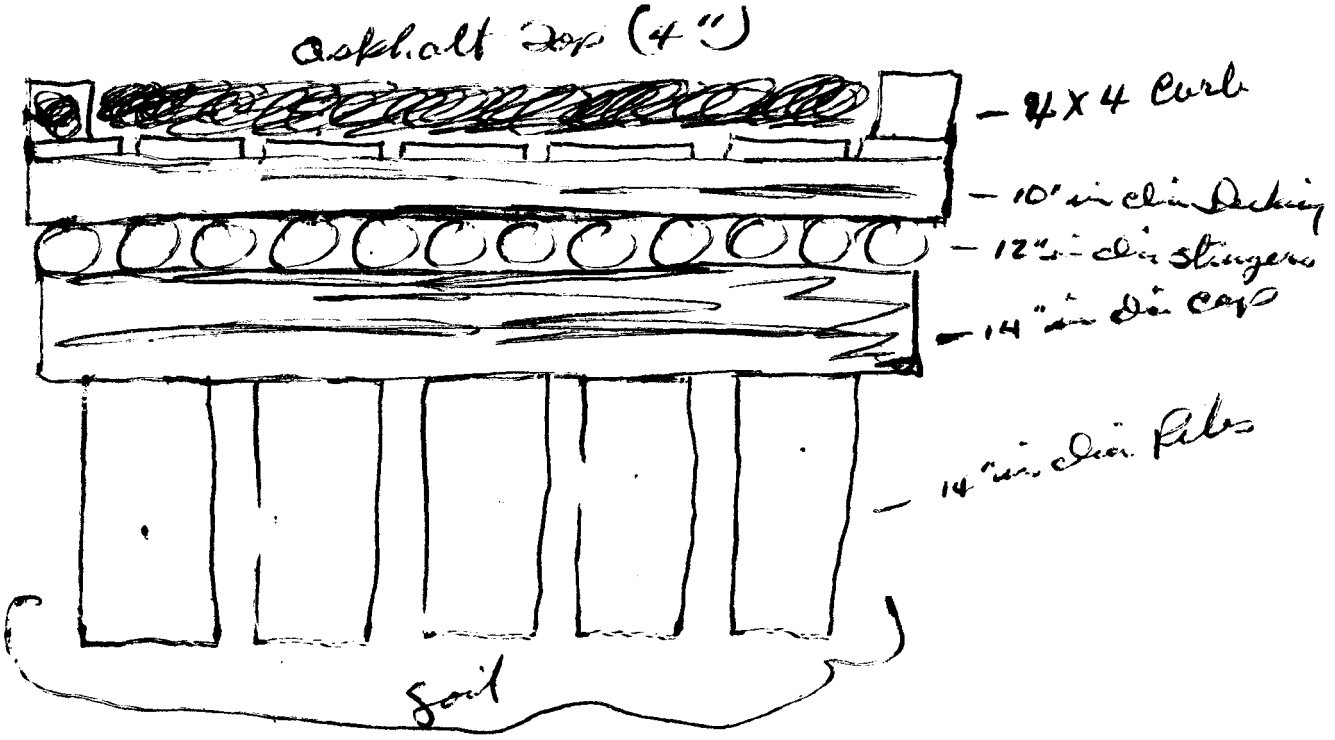
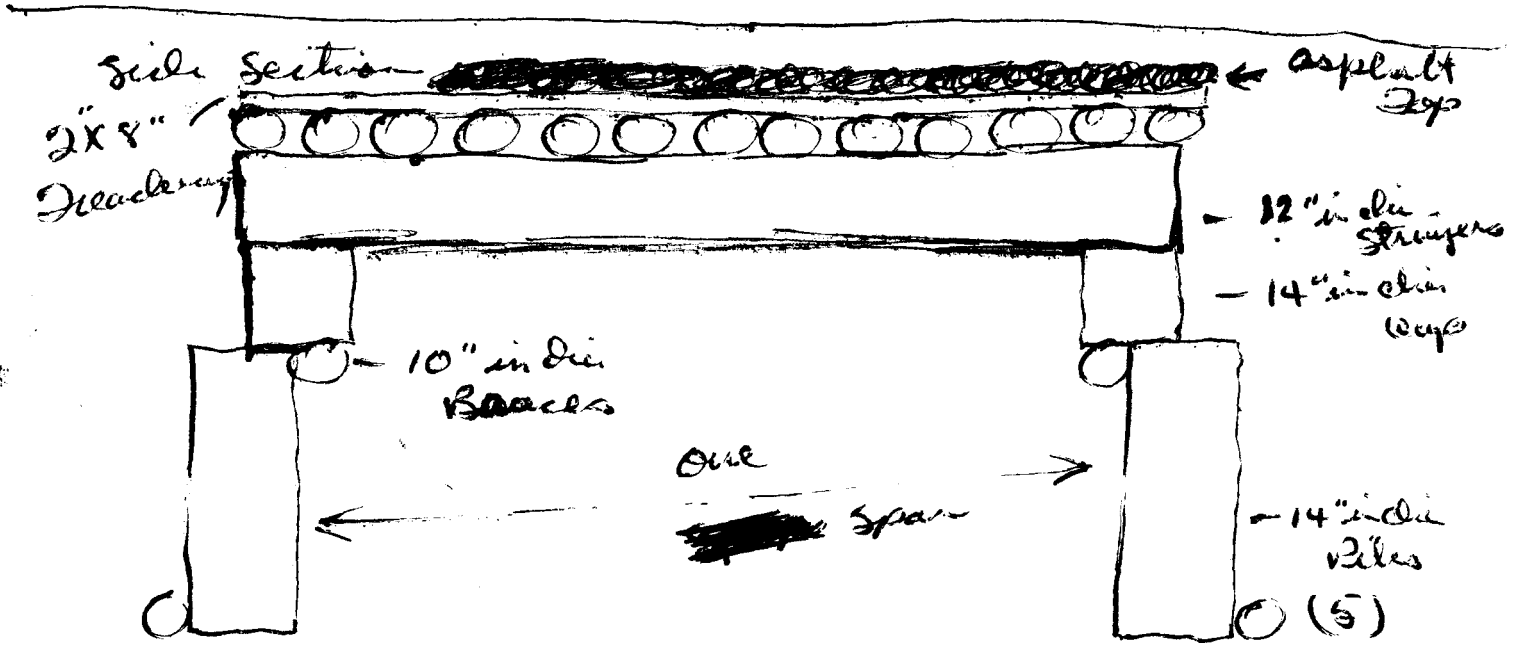
End View


asphalt Top (4")
- 4 X 4 Curb
- 10" in the Decking
- 12" in the Stringers
- 14" in the Cap
- 14" in the Piles
Soil


Side Section
asphalt Top
2" X 8" Treadway
- 12" in the Stringers
- 14" in the Cap
- 10" in the Braces
One Span
- 14" in the Piles
(5)

#40

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading [illegible] Location (grid coord) _____.
2. Length 100' ft; Overall width 21' ft; Road width 20'.
3. Abutments: Type Temporary Material Wood.
4. Posts: Nr of 30; Size 14"; Material Wood.
5. Spans: Nr of 5; Length 20' ft; Material Wood.
   Type (beam, slab, arch, truss, girder, suspension) Truss.
6. Stringers: Nr of 12; Length 20' ft.
   Dimensions or diameter 12" in; Material Wood.
7. Deck: Thickness 10" in; Material Wood; Condition Good.
8. Clearance: Verticle N/A ft; Horizontal 21' ft.
9. Height of bridge above water 8' ft; Depth of water 1' ft.
10. Stream width 30' ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade Gentle; Material Hard Clay.
12. Height of stream banks 3' ft; Type of vegetation along banks
    Weeds & Bushes.
13. Stream botton: Type material Mud; Bypass conditions* D.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

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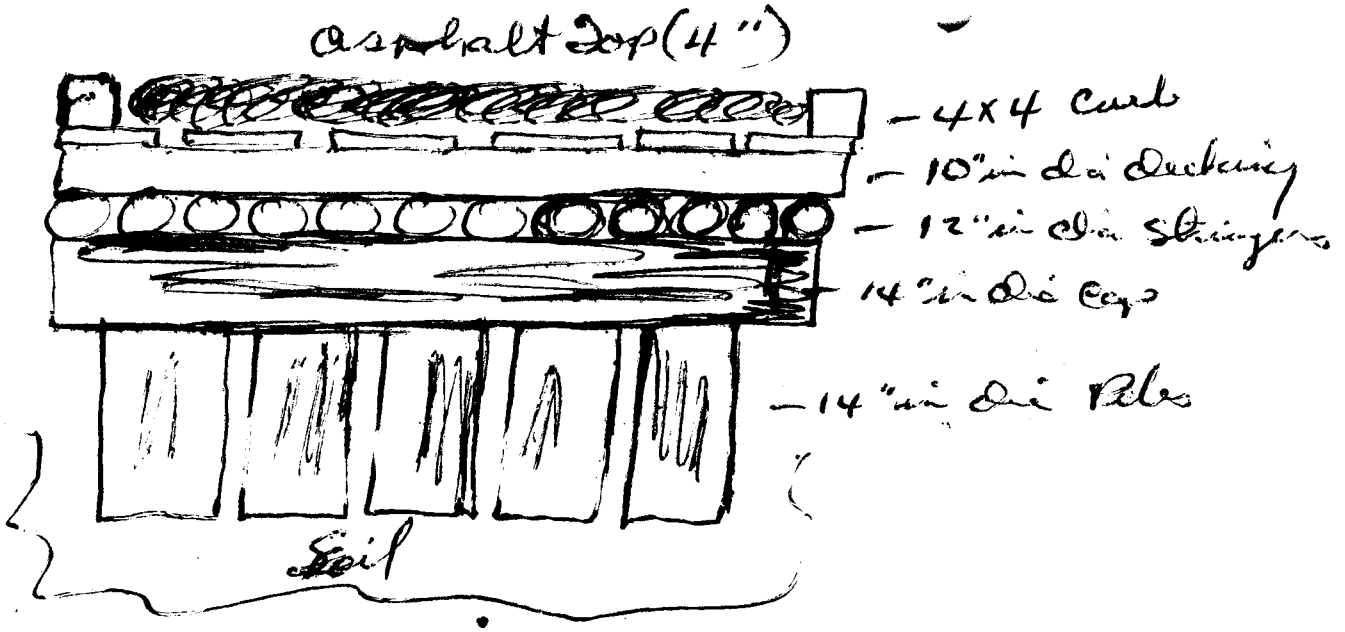
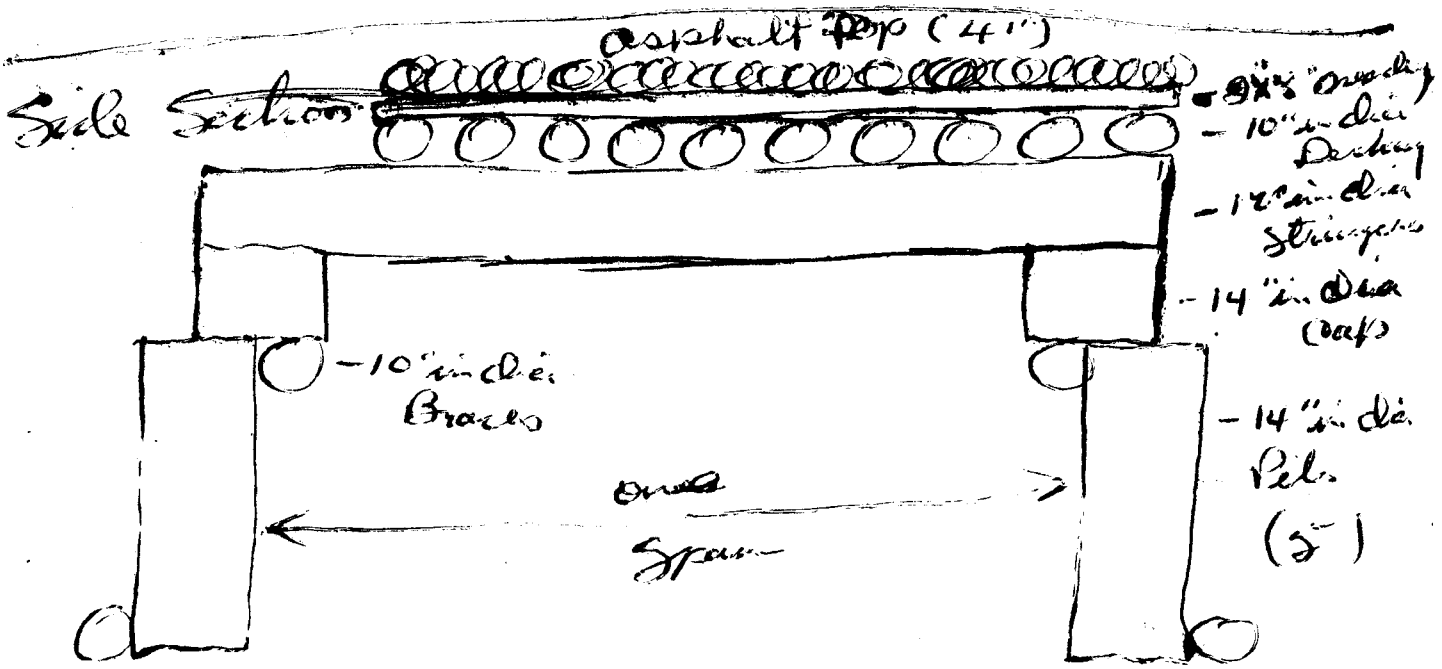
End View



Side Section



West

Stream Bed

East

UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ___ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length _____ ft; Overall width _____ ft; Road width _____.
3. Abutments: Type _____ Material _____.
4. Posts: Nr of _____; Size _____; Material _____.
5. Spans: Nr of _____; Length _____ ft; Material _____.
   Type (beam, slab, arch, truss, girder, suspension) _____.
6. Stringers: Nr of _____; Length _____ ft.
   Dimensions or diameter _____ in; Material _____.
7. Deck: Thickness _____ in; Material _____; Condition _____.
8. Clearance: Verticle _____ ft; Horizontal _____ ft.
9. Height of bridge above water _____ ft; Depth of water _____ ft.
10. Stream width _____ ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade _____; Material _____.
12. Height of stream banks _____ ft; Type of vegetation along banks _____
    _____.
13. Stream botton: Type material _____; Bypass conditions* _____.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

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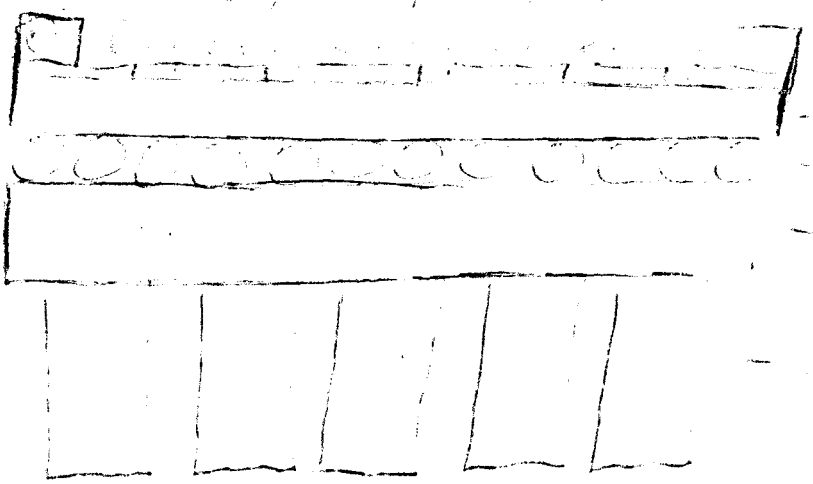

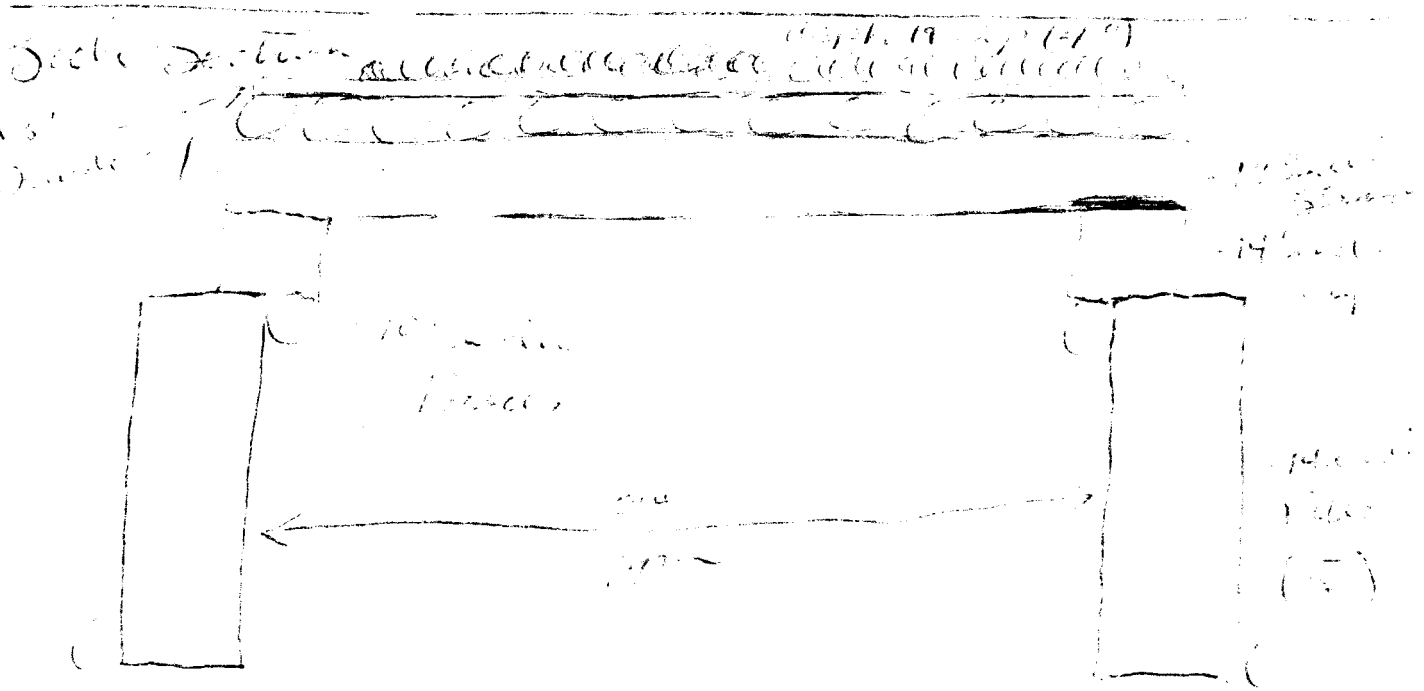

UNIT_____ DATE_____

BRIDGE REPORT: Inclosure ____ to Road Report Number_____.

1. Mileage reading_____ Location (grid coord)_____.
2. Length _____ft; Overall width _____ft; Road width _____.
3. Abutments: Type _____ Material _____.
4. Posts: Nr of _____; Size _____; Material _____.
5. Spans: Nr of _____; Length _____ft; Material _____.
   Type (beam, slab, arch, truss, girder, suspension)_____.
6. Stringers: Nr of _____; Length _____ft.
   Dimensions or diameter _____in; Material_____.
7. Deck: Thickness _____in; Material_____; Condition_____.
8. Clearance: Verticle_____ft; Horizontal_____ft.
9. Height of bridge above water _____ft; Depth of water _____ft.
10. Stream width _____ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade _____; Material_____.
12. Height of stream banks _____ft; Type of vegetation along banks____
    _____.
13. Stream botton: Type material_____; Bypass conditions*_____.
14. Estimated class: One way _____; two way _____.

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UNIT _____ DATE _____

BRIDGE REPORT: Inclosure ____ to Road Report Number _____.

1. Mileage reading _____ Location (grid coord) _____.
2. Length _____ ft; Overall width _____ ft; Road width _____.
3. Abutments: Type _____ Material _____.
4. Posts: Nr of _____; Size _____; Material _____.
5. Spans: Nr of _____; Length _____ ft; Material _____.
   Type (beam, slab, arch, truss, girder, suspension) _____.
6. Stringers: Nr of _____; Length _____ ft.
   Dimensions or diameter _____ in; Material _____.
7. Deck: Thickness _____ in; Material _____; Condition _____.
8. Clearance: Verticle _____ ft; Horizontal _____ ft.
9. Height of bridge above water _____ ft; Depth of water _____ ft.
10. Stream width _____ ft; Current Velocity _____ ft per sec.
11. Stream banks: Grade _____; Material _____.
12. Height of stream banks _____ ft; Type of vegetation along banks _____
    _____.
13. Stream botton: Type material _____; Bypass conditions* _____.
14. Estimated class: One way _____; two way _____.

* BYPASS CONDITIONS:

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