

Alabama Department of Transportation
Design Bureau
Location Information-Field Party

Project No: _____ Date: _____
Division: _____ Prepared By: _____
County: _____ Section: _____ Township: _____ Range: _____
Receiving Water: River _____ Creek _____ Branch _____ Ditch _____
Hwy. or Road No: _____ Station: _____

A. Description of Stream Channel

1. Stream Slope: _____ Is there a vertical drop in stream 2 feet or greater?
Yes___ No___
2. Material Stream Bottom: _____
3. Material in Stream Banks: _____
4. Does Stream Material have any Cohesiveness? Yes _____ No _____
5. Are Banks Scouring? In Which Direction? _____
6. Material in Flood Plain: _____
7. Is Bottom Aggrading (Filling)? _____ Degrading (Deepening) _____
8. Vegetation in and along Channel: _____
9. Vegetation in Flood Plain: _____
10. Estimated Manning's "N" Value for Channel: _____
11. Estimated Manning's "N" Value for Flood Plain: _____
12. Are there Features that might affect Discharges or Tailwater/Headwater Elevations
 - a. Levees: Yes___ No___ Comments _____
 - b. Diversions: Yes___ No___ Comments _____
 - c. Backwater from Another Source: Yes___ No___ Source _____
 - d. Debris (driftwood, trash, etc.): Yes___ No___ Comments _____
 - e. Downstream drainage structures? Yes___ No___ Comments _____
 - f. Other Influences: _____

B. Existing Structures

1. Is scour indicated near structure? _____

2. Alignment and General Description of Structure: _____

3. Size or Waterway Opening of Structure: _____

4. Elevation of: a. Low Superstructure (Bridge): _____
 b. Top of Invert (Culvert or Pipe): _____
5. Invert Elevations: a. Pipe or Culvert: Inlet _____ Outlet _____
 b. (Bridge) Natural Channel: _____
6. Low Point of Existing Roadway in Vicinity of Structure: _____

7. Road Width, Shoulder-Shoulder or Curb-Curb _____ Ft.
8. Skew: _____
9. Centerline Elevation of Roadway at Centerline of Stream: _____

10. Condition of Existing Structure: _____

11. Type and Description of Existing Structure: _____

C. Property Related Evaluations

1. Opinion of Existing Flood Damage Potential: Low ____ Moderate ____ High ____
Reason for Opinion: _____

2. List Buildings in Flood Plain: _____

3. Floor Elevations: _____

4. Upstream Land Use(s): _____
5. Downstream Land Use(s): _____

D. Historical Highwater (H.W.) or Flood Information

1. Source of Information: _____

 2. Location of Information: _____
 3. Elevation of H.W. of Flood Information: _____

 4. Date(s) of H.W. or Flood(s) & source(s) of information _____

- (Please record more than one source if information can be obtained.)
5. Estimated Allowable H.W.: _____
 6. Damage from Previous Floods (if available): _____

E. Photographs

1. Existing Drainage Structures
Inlet _____ Outlet _____ Other _____
2. Proposed Drainage Structure
Inlet _____ Outlet _____ Other _____
3. Channel
Upstream _____ Downstream _____ Other _____
4. Floodplain
Upstream _____ Downstream _____ Other _____
5. Other Photos (Describe) _____

F. Valley Cross Section or Print Out

The submittal normally includes a right angle valley section. This section is taken downstream from the crossing. Enough ground shots are taken to outline the valley to an elevation well above extreme highwater. Care is taken to outline the main channel. Each shot is identified as (FP) flood plain, (TB) top of bank, (ES) edge of stream, etc. Also, the natural stream bottom slope is determined and recorded.

Remarks: _____

Distance	Elevation	Remarks
_____	_____	_____
_____	_____	_____
_____	_____	_____
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Other Remarks: _____

