

IO-L-113-4



11/2/85

105. IC-L-113-4

Conservation Road Structure

Bill Stark

2 miles northeast of Dean, Iowa.

Appanoose County, Iowa

Chas. Freeborn

Moulton, Iowa

A "before" picture of county road and
bridge, which is to be replaced with a hood-inlet
conservation structure. SCS will design fill height,
principal spillway size, and elevations of inlet and
outlet. This structure would complement the Dean
Interchange, which lies in the North Fork of Indian
Creek.

USDA-SCS CONSERVATION SERVICE



DATE 11/9/65 NO. 10-L-113-2
SUBJECT : Road Structure - Before
PHOTOGRAPHER : Bill Stark
LOCATION : 1 mile east of Dean, Iowa.

SCD OR WATERSHED : Appanoose County, Iowa

SECTOR OWNER : Marvin Thorp

ADDRESS: Route 8, Bloomfield, Iowa

THIS PICTURE SHOWS: Before picture of county road looking north from T. junction, east of Dean. Thorp on right and Morrow on left. Appanoose County Board of Supervisors SCD and SCS will design and construct a conservation road structure at bottom of hill. SCS will survey and design for structure height, principal spillway elevation, and size of sediment pool.

Appanoose County will design road grades and width and contract for construction. Structure will be designed as if in P.L. 566 watershed. It has a 300-acre drainage area. This is in South Fork of Indian Creek,

Dean Watershed.

PLEASE CREDIT: USDA-SOIL CONSERVATION SERVICE



Return to Bill Stark, Centerville, Iowa.

6/3/65

(3)

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Before Photo Jesse & Ray Hoover. A Cons.-
Road Structure will replace the bridge
shown under the pick-up. Runoff ^{rate} will
be reduced to the extent that a hood-
inlet pipe will replace the large
bridge opening. A high Fill will be
built to impound the necessary silt
storage & temporary water storage area.
Trees will be cleared in the impoundment
area.

Bill Stark Photo



Conservation-Road Structure at Jesse & Ray
Hoover 5 miles S.W. Centerville, Iowa. Provides
water recreation, fishing, duck hunting, water supply
to both sides of road, grade stabilization, flood
retardation, silt control, roadside beautification.
Replaces narrow, unsafe bridge, SCS designed
hood-inlet spillway & elevations. County Eng.
designed road, Farmers provide easements
and provide their own livestock water
pipe & attachments. Sight distance improved,
reduces road maintenance. Designed as P.H.
566 structure

Bill Stark Photo



J. & R. Hoover, Shoal Creek watershed

NRC-8-13



7/21/65

NO. NRC-8-13

Conservation Road Structure
Erwin W. Cole
3 miles west of Plano, Iowa.

APPROXIMATE: Appanoose Co., SOUTH CHARITON W.S.
OWNERS: Allen Bear, Anna Sager, John Adams

INFO SHOWS: This is the 2nd structure built under the conservation road-structure program - an \$18,000+ flood-retarding dam built on the Iowa County line west of Centerville, Ia. The dam is shared by both counties; land was furnished by farmers; engineering consultive assistance, design, & hydrograph & coordination of the project furnished by SCS through the Appanoose SCD. No 566 or outside funds are involved; but the design, water storage, & constructing permits, are all identical with the P.L. 566 program. It has a drainage area of 867 acres, water surface of 14.3 at principal spillway elevation, & a 30" metal pipe with a SCD conservation structure inlet pipe at an old wooden bridge.