



January 6, 2022

Benjamin S. Lyons  
**Chair**

Timothy J. Lamoreaux  
**Vice Chair**

Lauren K. Aitch-Guerrant  
**Member**

Duane A. Eldred  
**Member**

Jerry L. Frazier  
**Member**

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## **NOTICE TO BIDDERS**

Sealed proposals will be received by the Board of County Road Commissioners of the County of Eaton, Michigan at 1112 Reynolds Road, Charlotte, MI 48813, until 10:00 AM, Monday, January 24, 2022 at which time and place proposals will be publicly opened and read aloud for furnishing and delivering the following:

### **SUPPLY AND DELIVER A 64-FEET LONG 16.5-FEET SPAN X 6.7- FEET RISE STRUCTURAL PLATE METAL BOX CULVERT**

The bid shall consist of supplying and delivering materials that will meet a minimum HS-20 loading, meet at a minimum the Michigan Department of Transportation 2012 Standard Specifications for Construction, and as modified by the proposal.

Specifications and further information may be found on the Eaton County Road Commission web site located at <http://eatoncountyrroad.com/Doing-Business-With-Us/Bid-Information>.

All proposals must be submitted in sealed envelopes bearing the name of the bidder and clearly marked with a notation indicating the service or material for which the bid is submitted.

The Board reserves the right to accept or reject any or all bids, to waive irregularities in any proposal, and to make the award in any manner deemed in the best interest of the County of Eaton.

## **BOARD OF COUNTY ROAD COMMISSIONERS OF THE COUNTY OF EATON, MICHIGAN**

Benjamin S. Lyons, Chair  
Timothy J. Lamoreaux, Vice Chair  
Jerry L. Frazier, Member  
Lauren K. Aitch-Guerrant, Member  
Duane A. Eldred, Member

EATON COUNTY ROAD COMMISSION  
SPECIFICATIONS FOR

**CULVERT MATERIALS  
BUTTERFIELD HIGHWAY**

MMH

1 of 1

01/06/22

**DESCRIPTION**

The Eaton County Road Commission is requesting a quote to supply and deliver a new 64-feet long 16.5-foot span x 6.7-foot rise structural plate metal box culvert.

**SPECIFICATIONS**

The materials covered by this proposal shall be in accordance with the Michigan Department of Transportation 2012 Standard Specifications for Construction, and as specified herein.

The culvert shall have a full plate invert. End treatments shall be headwalls and approx. 9' long wingwalls on each quadrant. Two of the wing walls must be angled at 45-degrees as shown in the EGLE permit sketches. The culvert materials shall meet MDOT requirements per section 909 of the Standard Specifications and shall be designed for HS-20 loading with a minimum 2.0' of cover and a maximum 4.0' of cover.

The supplier shall furnish written certification that box culvert design as furnished will meet these specifications.

**DELIVERY**

As directed by the Engineer, the culvert shall be delivered to the Eaton County Road Commission Charlotte Garage at 1112 Reynolds Road, Charlotte, MI 48813, or to the Butterfield Highway crossing the Page & Sleeper Intercounty Drain between Sections 25 and 36, Walton Township, Eaton County, Michigan. Road Commission crews will unload the culvert materials delivered to the garage. If delivered to the site, the installation contractor will be on site to unload the materials. The culvert supplier will be responsible for coordinating directly with the installation contractor for the delivery schedule and unloading of the culvert materials. Prior to delivery, the supplier shall provide instructions for unloading including the unloading equipment required (chains, hooks, straps, etc.) to unload the culvert.

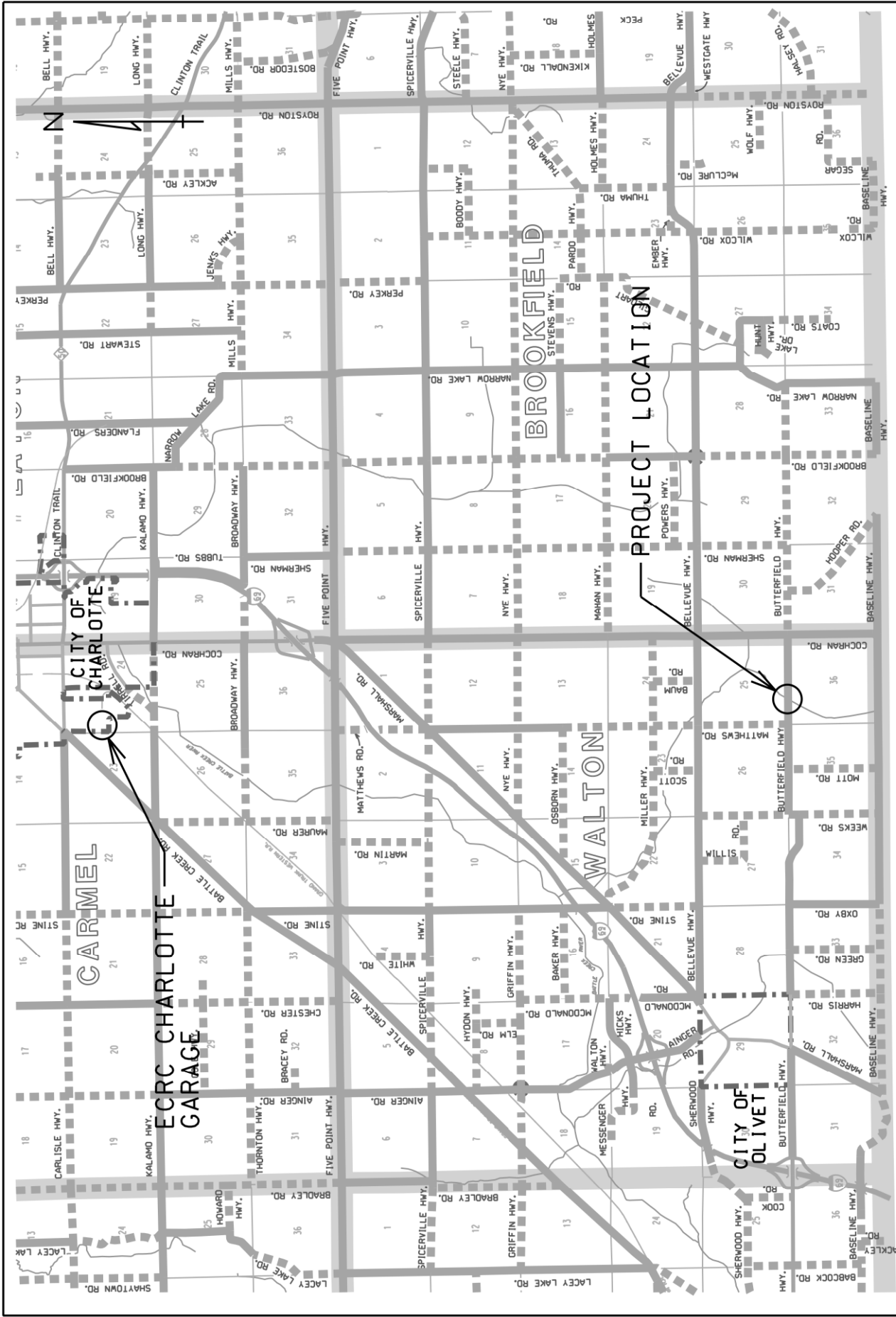
**QUOTE REQUIREMENTS**

The quote for the delivered culvert materials shall include:

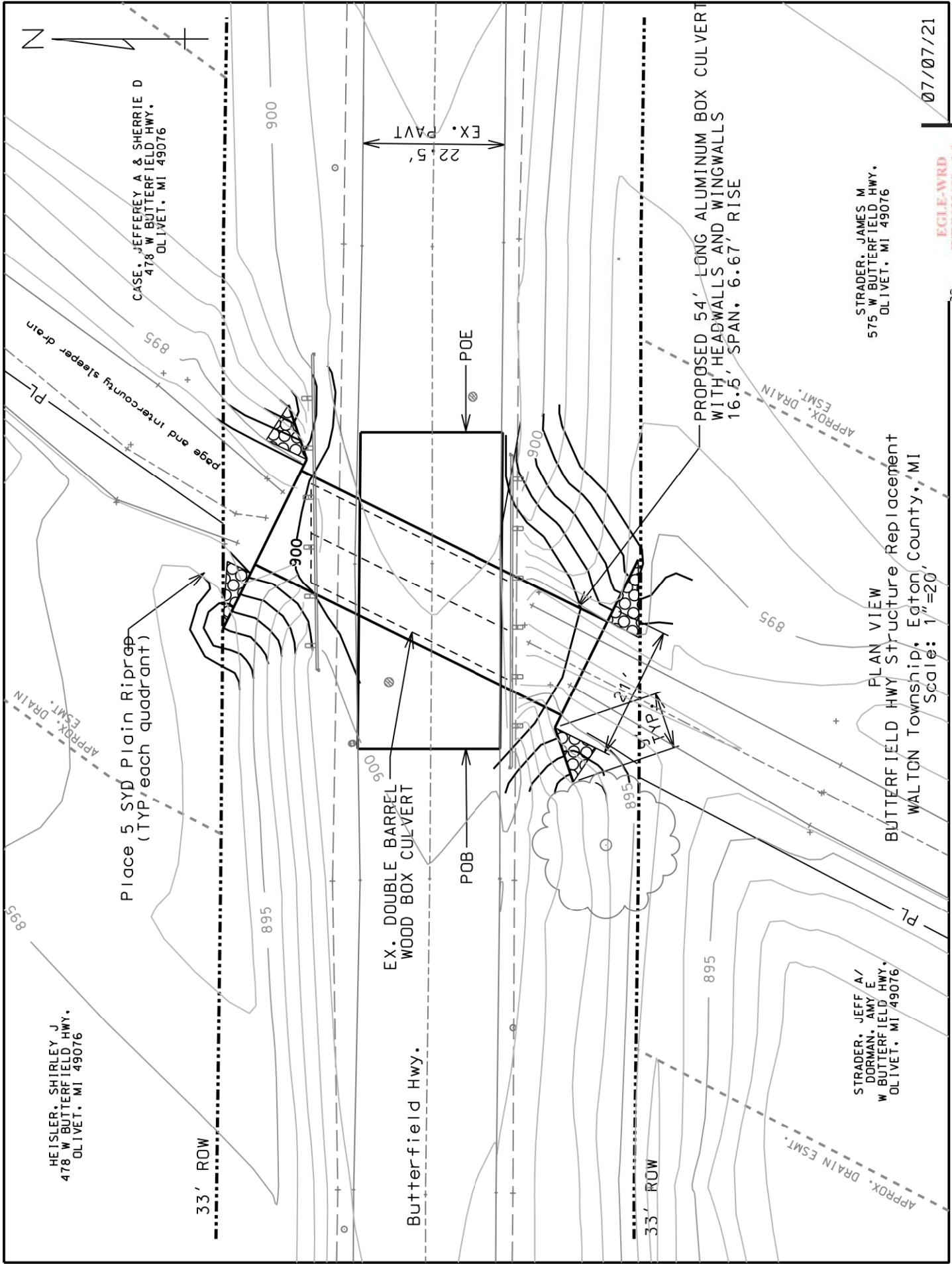
- Proposed lead time for delivery of the culvert materials.
- Culvert material type (galvanized steel, aluminum, etc.)
- Gauge thickness of the culvert material
- Number of panels and bolts, panel weight, or other information that could affect the installation time and cost

**MEASUREMENT AND PAYMENT**

Payment will be made within 30 days after all culvert materials have been delivered. Materials shall include all materials necessary for a complete assembly of the culvert.



EATON COUNTY ROAD COMMISSION  
BUTTERFIELD HWY CULVERT REPLACEMENT  
WALTON TWP  
EATON COUNTY  
LOCATION MAP



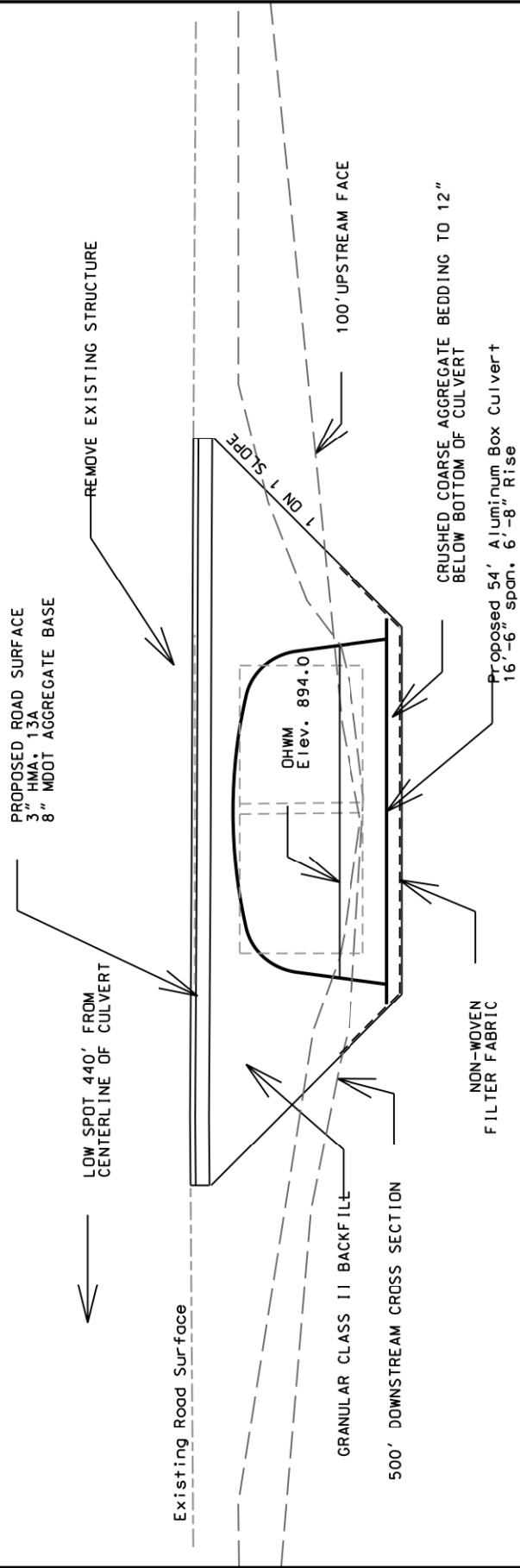
07/07/21

EGLE-WRD  
WRP030689 v1.0  
Approved  
Issued On: 09/09/2021  
Expires On: 09/09/2024

STRADER, JAMES M  
575 W BUTTERFIELD HWY.  
OLIVET, MI 49076

PLAN VIEW  
BUTTERFIELD HWY Structure Replacement  
WALTON Township, Eaton County, MI  
Scale: 1"=20'

STRADER, JEFF A/  
DORMAN, AMY E  
W BUTTERFIELD HWY.  
OLIVET, MI 49076



EGLE-WRD  
WRP030689 v1.0  
Approved  
Issued On: 09/09/2021  
Expires On: 09/09/2026

CULVERT CROSS-SECTION VIEW  
BUTTERFIELD HWY STRUCTURE REPLACEMENT  
WALTON TOWNSHIP, EATON COUNTY, MI  
SCALE: 1"=8'

06/14/2021

22' HMA Surface + 3' Shld. Each Side

Ex. Butterfield Hwy. Centerline  
Elev. 901.23

Proposed Road Surface  
Elev. 901.23

Existing Structure

Stream Bottom  
Elev. 892

CHWM  
Elev. 894.0

D.S. INV. 891.80

Proposed 54' Aluminum Box Culvert  
16' - 6" span, 6' - 8" Rise

U.S. INV. 891.90

CULVERT PROFILE VIEW  
Butterfield hwy. Structure Replacement  
walton Township, Eaton County, MI  
Scale: 1"=10'

EGLE-WRD  
WRP030689 v1.0  
Approved  
Issued On: 09/09/2021  
Expires On: 09/09/2024

07/08/21