

CHANGES FROM O.D.O.T. :

10-30-07

We are adding new 4 options the Culvert Type Code (Item #131).

- C 3-Sided Frame (Aluminum)
- D Flat-top Conspan (Concrete pre-cast)
- E Bebo-type (Concrete pre-cast)
- F Metal Arch concr pedestal wall & footing

We are updating 6 options for the Culvert Type Code (Item #131).

- 2 4-Sided Box (Concrete Cast-In-Place), structure material type must be coded as "1"
- 3 3-Sided Frame (Concrete Cast-In-Place), structure material type must be coded as "1"
- 5 Pipe-Arch (also includes stone)
- 7 Arch (Multi-Plate)
- 8 4-Sided Box (Concrete Precast), structure material type must be coded as "1"
- 9 3-Sided Frame (Concrete Precast), structure material type must be coded as "1"

M187 104 F Culvert Type (#131) = (2, 3, 8, 9, A-F) and Main Span Type (#63) is not (x9x and 171).

The Bridge Work History (Inventory #153) will add 4 new options.

General

- 014 -- Heat Straightening after an Under-bridge Hit
- 015 -- Raising Bridges

Substructure

- 089 -- Semi-integral Abutment Conversion

Structure Type Culvert

- 122 -- Culvert Liner Repair

Another Project will add new bridge material, type and description codes for Main Structure Type (#63).

- 1st Digit Material 9 - Composite
- 2nd Digit Type A - Cable – Stayed
 B - Tunnel
- 3rd Digit Description A - Pony (Truss)

The New Valid Combinations Main Structure Type (#63) are

		Material	Type	Description
1	A 4	Concrete	Cable – Stayed	Thru
1	B 0	Concrete	Tunnel	Other
1	B 4	Concrete	Tunnel	Thru
3	4 A	Steel	Truss	Pony_(Truss)
3	A 4	Steel	Cable – Stayed	Thru
3	B 0	Steel	Tunnel	Other
3	B 4	Steel	Tunnel	Thru
5	B 0	Stone	Tunnel	Other
5	B 4	Stone	Tunnel	Thru
6	4 A	Aluminum	Truss	Pony_(Truss)
7	4 A	Cast Iron	Truss	Pony_(Truss)
8	4 A	Wrought Iron	Truss	Pony_(Truss)

From: <Steven.Johnson@dot.state.oh.us>
To: "Brian S. Miller" <BSMiller@co.lucas.oh.us>
Date: 1/10/2008 8:38 AM
Subject: BMS Change - Main Structure Type (#63)
CC: <Kathy.Keller@dot.state.oh.us>

Good Morning,

After the upgrade, Kathy Keller's department asked me to add the following combinations for the Main Structure Type (#63). These combinations will be added next week.

9	1	0	Composite	Slab	Other
9	1	1	Composite	Slab	Simple
9	1	2	Composite	Slab	Continuous
9	1	3	Composite	Slab	Deck
9	2	0	Composite	Beam	Other
9	2	1	Composite	Beam	Simple
9	2	2	Composite	Beam	Continuous
9	7	0	Composite	Frame	Other
9	7	1	Composite	Frame	Simple
9	7	5	Composite	Frame	Filled
9	9	5	Composite	Culvert	Filled

More Error Check Updates:

2-12-08

S131	70	F	Type Main Longitudinal Member (#138) = (C-E or G) and Main Span Type (#63) is not (15x and 25x).
S137	74	F	Main Span Type (#63) is (3xx and not x9x) and Structural Steel Member Type (#141a) is not (0-9, A-E and U).
S138	74	F	Structural Steel Member Type (#141a) = (0-9, A-E or U) and Main Span Type (#63) (is not 3xx) or (= x9x).
B139	75	NF	Main Span Type (#63) is (3xx and not x9x) and Structural Steel Rail Type (#141b) is not (0-9, A-E and U).

3-18-08

Bearing Device 1 & 2 will have a new option of "D".

3-24-08

The Slope Protection option of S – Soil was added to BMS last week. No Errors were changed.

Future ADT & Future ADT Year fields will be removed from BR-87. Email me a date that you prefer me to update Kathy's County Upload program. ODOT users are not affected when this program changes.

A new item I need to tell you about. A new option will be added to Software of Rating Analysis (Inventory Item #85).

9 - Manual Calculations

Bearing Device 1 & 2 needs to add D to BMS Inspection Error 2070.

2070	356	F	Bearing Device Type (#124) is not N and Bearing Device Condition (#241) = space and Abutment Forward Type (#70) is not D.
			Bearing Device Type (#124) is not (N or D) and Bearing Device Condition (#241) = space and Abutment Forward Type (#70) is not D.

Operating Status of R will have 2 changes in Inspection errors with the Ohio % of Legal

2011	F	(Old) Ohio % of Legal Load (#83) (> 0 and < 95) and Type Service On (#100) = (1 or 4-8) and Operational Status (#66I) is not (P, R, B and X) and Temporary Structure Designation (#10) is not Y. (New) Ohio % of Legal Load (#83) (> 0 and < 95) and Type Service On (#100) = (1 or 4-8) and Operational Status (#66I) is not (P, B and X) and Temporary Structure Designation (#10) is not Y. (Take out R)
2016	F	(Old) Ohio % of Legal Load (#83) > 95 and Type Service On (#100) = (1 or 4-8) and Operational Status (#66I) is not (A, C, D, E, G and X) and Temporary Structure Designation (#10) is not Y. New Ohio % of Legal Load (#83) > 95 and Type Service On (#100) = (1 or 4-8) and Operational Status (#66I) is not (A, C, D, E, G, R and X) and Temporary Structure Designation (#10) is not Y. (Add R)