

AS-BUILT BRIDGE SHEETS PROCEDURE

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Overview

Updating Bridge Sheets for As-Built Plan Production.

Process Guide

Application/Tool(s): AutoCAD / Civil 3D

Version(s): 13.8.1704.0 Civil 3D 2026.2.1

Environment: MDT State Kit 2026.1.0

Released/Revised: 7/31/2026



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Statement of Need

This procedure demonstrates the steps necessary to amend and finalize Bridge Sheets for As-Built Construction Plans.

Revisions

7/31/2026

New Process Document

Bridge Sheets

Section I. Updating the Title Sheet

Update the bridge plan quantities. Update the “ESTIMATED” to “AS-BUILT”.

ESTIMATED BRIDGE PLAN QUANTITIES				
GUARD (LN FT)	REMOVE DECK (YD ²)	*CONCRETE SHALLOW REPAIR (YD ²)	CONCRETE – CLASS STRUCTURE LOW SLUMP (YD ³)	EPOXY INJECTION (LN FT)
		0.9		

AS-BUILT BRIDGE PLAN QUANTITIES				
GUARD (LN FT)	REMOVE DECK (YD ²)	*CONCRETE SHALLOW REPAIR (YD ²)	CONCRETE – CLASS STRUCTURE LOW SLUMP (YD ³)	EPOXY INJECTION (LN FT)

Add your as-built pile table (final pile tip elevations) if applicable. If there is no room on the footing plan sheet, the as-built pile table can be added to the Bridge Plan Quantities page.

AS-BUILT PILE INFORMATION			
LOCATION	AS-BUILT PILE TIP ELEVATION	AS-BUILT DRIVEN PILE LENGTH	PILE TIP TREATMENT
BENT NO. 1			
WW EAST	3964.39	31.12	STEEL DRIVING POINTS
1	3966.33	29.17	STEEL DRIVING POINTS
2	3966.30	29.17	STEEL DRIVING POINTS
3	3965.72	29.79	STEEL DRIVING POINTS
4	3965.62	29.82	STEEL DRIVING POINTS
5	3965.47	30.01	STEEL DRIVING POINTS
WW WEST	3968.00	27.57	STEEL DRIVING POINTS

AS-BUILT PILE INFORMATION			
LOCATION	AS-BUILT PILE TIP ELEVATION	AS-BUILT DRIVEN PILE LENGTH	PILE TIP TREATMENT
BENT NO. 3			
1	3959.40	36.10	STEEL DRIVING POINTS
2	3962.42	33.10	STEEL DRIVING POINTS
3	3959.29	36.20	STEEL DRIVING POINTS
4	3954.60	40.90	STEEL DRIVING POINTS
5	3954.75	40.80	STEEL DRIVING POINTS
6	3960.15	35.40	STEEL DRIVING POINTS
7	3957.75	38.10	STEEL DRIVING POINTS

Update the “LIST OF DRAWINGS”. Font style is still Arial, bolded, and italicized for changes.

Section II. Updating All other Sheets with Changes

- Label piles in the drawing model to correspond with the naming convention on the pile tip elevation table.
- Update any items in drawings that were removed or changed.
- When Drilled Shafts or Permanent Casings are utilized on the project, update the final elevations.

DRILLED SHAFT AS-BUILT INFORMATION						
MDT STRUCTURE ID	STRUCTURE NAME	LOCATION	TOP/BOTTOM OF SHAFT ELEVATION (FT)	REPORTED SHAFT LENGTH (FT)	BOTTOM OF PERMANENT CASING ELEVATION (FT)	ROCK SOCKET LENGTH (FT)
01750	SEP S 56TH ST W	BENT 1 - EB	3,233.59 / 3,171.97	61.62	3,189.00	17.03
01750	SEP S 56TH ST W	BENT 2 - EB	3,218.51 / 3,172.57	45.93	3,190.36	17.79
01750	SEP S 56TH ST W	BENT 3 - EB	3,218.5 / 3,172.35	46.15	3,188.90	16.55
01750	SEP S 56TH ST W	BENT 4 - EB	3,233.44 / 3,172.37	61.07	3,188.97	16.60
01751	SEP S 56TH ST W	BENT 1 - WB	3,233.62 / 3,172.00	61.62	3,188.88	16.88
01751	SEP S 56TH ST W	BENT 2 - WB	3,218.5 / 3,172.34	46.16	3,188.92	16.58
01751	SEP S 56TH ST W	BENT 3 - WB	3,218.50 / 3,172.00	46.50	3,188.99	16.99
01751	SEP S 56TH ST W	BENT 4 - WB	3,233.60 / 3,172.04	61.56	3188.77	16.73

- Use Civil 3D drafting tools to update repaired dimensions of any Shown on Plan concrete repair areas.

