

# Quantities Requirements

3/4/2026



# STRUCTURE EXCAVATION AND STRUCTURE BACKFILL SUMMARY

BD-0362 (REV 01/13/2023)

BRIDGE NAME		CALCULATED BY	
BRIDGE NO.		CHECKED BY	

LOCATION	STRUCTURE EXCAVATION		STRUCTURE BACKFILL		PERVIOUS BACKFILL MATERIAL	
	ESTIMATE	CHECK	ESTIMATE	CHECK	ESTIMATE	CHECK

**PILE SUMMARY**

BD-0362 (REV 01/13/2023)

BRIDGE NAME	CALCULATED BY
BRIDGE NO.	CHECKED BY

LOCATION & PILE TYPE	LENGTH		NUMBER	
	ESTIMATE	CHECK	ESTIMATE	CHECK

### PILE QUANTITY CALCULATIONS

BD-0362 (REV 01/13/2023)

BRIDGE NAME	CALCULATED BY
BRIDGE NO.	CHECKED BY

*For piles battered 1:3, use 1.054 factor x vertical length = battered length*

LOCATION & PILE TYPE	TOP ELEVATION	TIP ELEVATION	VERTICAL LENGTH	NUMBER	BATTER FACTOR	TOTAL LENGTH

**CONCRETE SUMMARY**

BD-0362 (REV 01/13/2023)

BRIDGE NAME	CALCULATED BY
BRIDGE NO.	CHECKED BY

SUPERSTRUCTURE			SUBSTRUCTURE			RETAINING WALLS		ESTIMATE	CHECK
Bottom Slab			Abutments						
Bottom Slab Flares									
Girders - Interior									
Girders - Exterior									
Girder Flares									
Fillets			Wingwalls			<b>RW Total (CY)</b>	0	0	
Closure Pour									
End Diaphragms						<b>OTHER</b>		ESTIMATE	CHECK
Hinges									
Caps						Approach Slab			
			Columns - Piers						
						Slope Paving			
<b>Superstructure Total (CY)</b>	0	0	<b>Substructure Total (CY)</b>	0	0	<b>Other Total (CY)</b>	0	0	
POLYMER FIBER CONCRETE			BRIDGE FOOTING			BREAKDOWN BY CONCRETE TYPES			
	ESTIMATE	CHECK		ESTIMATE	CHECK			ESTIMATE	CHECK
Top Slab			Bridge Footings			Struct Conc. Bridge Footing			
Fillets						Struct Concrete Bridge			
Caps						Struct Conc. Bridge (Polymer Fiber)			
						Struct Conc. Retaining Wall			
						Struct Conc., Other			
<b>Polymer Fiber Total (CY)</b>	0	0	<b>FOOTING TOTAL CY</b>	0	0	<b>TOTAL CY</b>	0	0	



**BAR REINFORCING STEEL SUMMARY**

BD-0362 (REV 01/13/2023)

BRIDGE NAME	CALCULATED BY
BRIDGE NO.	CHECKED BY

BAR SIZE	SUPERSTRUCTURE		SUBSTRUCTURE		RETAINING WALLS		OTHER	
	ESTIMATE	CHECK	ESTIMATE	CHECK	ESTIMATE	CHECK	ESTIMATE	CHECK
4								
5								
6								
7								
8								
9								
10								
11								
14								
18								
<b>SUBTOTAL</b>	0	0	0	0	0	0	0	0
<b>2% SPLICES</b>	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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**MISCELLANEOUS METAL SUMMARY**

BD-0362 (REV 01/13/2023)

BRIDGE NAME		CALCULATED BY	
BRIDGE NO.		CHECKED BY	

Miscellaneous Metal (Bridge)		
ITEM	ESTIMATE	CHECK
TOTAL (LB)	0	0

Bridge Deck Drainage System		
ITEM	ESTIMATE	CHECK
TOTAL (LB)	0	0

Bridge Joint Restrainers		
ITEM	ESTIMATE	CHECK
TOTAL (LB)	0	0

