

Deck Drain Checklist

Deck Drain Plan

- Centerline Deck Drain/Bent/Pier
- Longitudinal Dimensions
- Deck Drain Spacing
- North Arrow
- RF Abutment/End of Slab Call-outs
- Section Symbols
- Line Styles
- Number Required (under title)

Miscellaneous

- Deck Drain Details
- Bracket Detail
- Bracket Bar Detail
- Section Thru Slab

Notes

- Spacing of 1" Holes in Bracket Bar May Vary
- Shift Locations of Deck Drains as Necessary
- Before Placing Slab, Install and Properly Align

Slab Checklist

Plan

- Centerline Bridge Roadway/Bent/Pier
- Centerline Survey (curved deck)
- Working Line/Construction Line Call-out (curved deck)
- Skew and Complement
- Longitudinal Dimensions
- RF Abutment to End of Slab Dimension (other than cap-type abutments)
- Clear Roadway/Curb/Sidewalk/Out-to-Out/Centerline Roadway
Dimensions
- Corbel Length Dimensions
- Corbel Reinforcing Size/Spacing/Call-out
- Curb/Sidewalk Tie Bar Size/Spacing/Location
- Transverse Reinforcing Size/Spacing/Location
- Longitudinal Reinforcing Size/Location/Lap/Typ Row/Call-outs
- Curb/Sidewalk Contraction Joints/1" Clearance/Trim with Bevel Strips
- RF Abutment/End of Slab Call-outs
- See Corbel Detail Call-out
- See Curb/Sidewalk Radius Detail Call-out (if no approach slab)
- Section Symbols (at slab support)
- Line Styles
- Longitudinal Dimensions Note (under title)

Typical Section

- Centerline Bridge Roadway/Girder
- Clear Roadway/Centerline Roadway/Curb/Sidewalk/Cantilever
Dimensions
- Slab Thickness
- Cross Slope(s) in Percent
- Longitudinal Reinforcing Spacing
- Transverse Reinforcing Size/Clearance/Call-outs
- Curb/Sidewalk Dimensions/Radius/Slope/Level/Construction Joint/
Tie Bar Clearance (if not shown in separate detail)
- Continuous Notch Location/Call-out
- End Diaphragm Call-out
- Flanges Embedded/Not Embedded
- Line Styles/Patterning
- Looking Ahead/Back Station (under title)

Slab Thickness Diagram (wide flange girders)

- Centerline Abutment/Bent/Pier
- RF Abutment to RF Abutment Dimension
- Ordinate Spacing/Location/Dimensions
- RF Abutment/Top of Top Flange Call-outs
- Line Styles
- Dimensions at Centerline Girder Note (under title)
- Dimensions Along Finished Grade Note (under title)
- Includes Dead Load Deflection Note (under title)

Slab Layout (curved bridges)

- Centerline Survey/Bridge Roadway/Bent/Pier
- Skew and Complement
- Longitudinal Dimensions
- Ordinate Spacing/Location/Dimensions
- End of Slab Dimensions
- RF Abutment/End of Slab/Edge of Slab Call-outs
- Working Line/Slab Ordinate Call-outs
- Line Styles
- Longitudinal Dimension Note (under title)
- Slab Ordinates Note (under title)
- End of Slab Dimensions Note (under title)

Plan at Slab Support (other than cap-type abutments)

- Centerline Girder
- Girder Spacing
- Slab Support Length/Location
- Reinforcing Size/Spacing/Location/Call-outs
- End of Slab Call-out
- Section Symbols
- Line Styles

Section thru Slab Support (other than cap-type abutments)

- Width
- Slab Thickness
- Slab Support Thicknesses
- Reinforcing Size/Spacing/Location/Clearance/Call-outs
- End of Slab Call-out
- Line Styles/Patterning

Miscellaneous

- Table of Screed Elevations
- Typical Sections Thru End Diaphragms
- Slab Construction Joint Detail
- Flange Embedment Detail
- Slab Placement Diagram
- Curb Radius Detail (if no approach slabs)
- Typical Curb/Sidewalk Section (if not in Typical Section)
- Weep Hole Assembly Detail (if no approach slabs)
- Bill of Reinforcement

Notes

- Increase and Decrease Opening (other than cap-type abutments)
- Prefix Numbers
- Attain 80% of Ultimate Design Strength
- Transverse Reinforcing Placed Perpendicular to Working Line
- Place Concrete in One Continuous Operation
- Each Weep Hole Assembly Consists of (if no approach slabs)
- Quantity of Class A and B Concrete
- For Railing/Deck Drains/Utility Conduit Details
- For Deck Drain/Utility Conduit Details