

RAL NOTES:
ruction Specification - Arizona Department ansportation Standard Specifications for and Bridge Construction, latest edition.
n Specifications - AASHTO LRFD Bridge n Specifications, 8th Edition 2017.
barrier has been evaluated and approved to equal strength to barriers with like try, which were successfully crash tested et MASH 16 requirements for Test Level 4.
n Loads:
ic Load (For barrier Design) = 80 ^k
ynamic load is based on NCHRP 20-07(395) ASH Equivalency of NCHRP Report 350 - pproved Bridge Railings.
alent Static Load (For footing design) = 28 k
ooting design is based on NCHRP Report 663.
oncrete shall be Class "S" (f'c = 4000 psi).
orcing steel shall conform to ASTM fication A615. All reinforcing shall be shed as Grade 60. All reinforcing shall oxy coated at locations above 4000 foot tions.
ends and hooks shall meet the requirements SHTO LRFD Article 5.10. All bend dimensions einforcing steel shall be out-to-out of bars. lacement dimensions for reinforcing steel be to center of bars unless noted otherwise.
einforcing steel shall have 2 inch clear s noted otherwise.
ete barriers on continuous superstructures have ½" bituminous joint filler in open s over piers.
$\frac{1}{2}$ ", Bridge Number and Year Built, using x 2"h number impressions in concrete, ed as shown at the approach end of the de lane.
rage bars are included in the pay item for arrier (Item No. 6011150).
bridge barrier transition when concrete er is continuous beyond the bridge.
sions shall not be scaled from drawings.
VERLAY NOTE:
parrier was designed to allow for the ete deck to receive an AC overlay with okness not exceeding 2 inches.
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STANDARD DRAWING
38" SINGLE SLOPE BRIDGE CONCRETE BARRIER AND TRANSITION
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resented in this Standard Drawing has been prepared in accordance with recognized ples and is for general use. It should not be used for specific application without scionel examination and verification of its suitability and applicability by a licensed ase. Contents within the inner border line shall not be altered.



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n Specifications - AASHTO LRFD Bridge n Specifications, 8th Edition 2017.
barrier has been evaluated and approved to equal strength to barriers with like try, which were successfully crash tested et MASH 16 requirements for Test Level 5.
n Loads:
ic Load (For barrier Design) = 160 ^k
ynamic load is based on NCHRP 20-07(395) ASH Equivalency of NCHRP Report 350 - pproved Bridge Railings.
alent Static Load (For footing design) = 28 ^k
ooting design is based on NCHRP Report 663.
oncrete shall be Class "S" (f'c = 4000 psi).
orcing steel shall conform to ASTM fication A615. All reinforcing shall be shed as Grade 60. All reinforcing shall oxy coated at locations above 4000 foot tions.
ends and hooks shall meet the requirements SHTO LRFD Article 5.10. All bend dimensions einforcing steel shall be out-to-out of bars. lacement dimensions for reinforcing steel be to center of bars unless noted otherwise.
einforcing steel shall have 2 inch clear s noted otherwise.
ete barriers on continuous superstructures have $\frac{1}{2}$ " bituminous joint filler in open s over piers.
$\frac{1}{2}$ ", Bridge Number and Year Built, using x 2"h number impressions in concrete, ed as shown at the approach end of the de lane.
rage bars are included in the pay item for arrier (Item No. 6011151).
bridge barrier transition when concrete er is continuous beyond the bridge.
sions shall not be scaled from drawings.
VERLAY NOTE:
overlay will be allowed on the bridge when the 42" single slope concrete barrier ad.
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STANDARD DRAWING
42" SINGLE SLOPE BRIDGE CONCRETE BARRIER AND TRANSITION











