GENERAL NOTES
These GENERAL NOTES are applicable unless otherwise shown in the Plan Details, Special Provisions, or Supplemental Specifications.


DESIGN SPECIFICATIONS See bridge details.

SUPERSTRUCTURE NOTES

MATERIALS AND STRENGTHS

Class 3A/3C Concrete

Reinforcing Steel GR-60, ASTM A 820 Type E, A 615 Type 42

Class 3A/3C Concrete

Reinforcing Steel GR-60, ASTM A 820 Type E, A 615 Type 42

Class 3A/3C Concrete

Reinforcing Steel GR-60, ASTM A 820 Type E, A 615 Type 42

Class 3A/3C Concrete

Reinforcing Steel GR-60, ASTM A 820 Type E, A 615 Type 42

See Plan Details for Gradients of Structural Steel required.

CONCRETE

All concrete shall be Class 3A/3C with a minimum 28 day compressive strength Fc = 4200 psi. Concrete shall be poured in the dry and all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After concrete is placed, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After concrete is placed, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After concrete is placed, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After concrete is placed, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After concrete is placed, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans.

STRUCTURAL STEEL

All reinforcing steel shall be Grade 60 conforming to ASTM A 615 Type E, A 416 Type E, SAE 1030, and shall conform to the requirements of the American Standards for Testing and Materials. The reinforcing steel shall be Grade 60 conforming to ASTM A 615 Type E, A 416 Type E, SAE 1030, and shall conform to the requirements of the American Standards for Testing and Materials. The reinforcing steel shall be Grade 60 conforming to ASTM A 615 Type E, A 416 Type E, SAE 1030, and shall conform to the requirements of the American Standards for Testing and Materials. The reinforcing steel shall be Grade 60 conforming to ASTM A 615 Type E, A 416 Type E, SAE 1030, and shall conform to the requirements of the American Standards for Testing and Materials. The reinforcing steel shall be Grade 60 conforming to ASTM A 615 Type E, A 416 Type E, SAE 1030, and shall conform to the requirements of the American Standards for Testing and Materials.

STRUCTURAL STEEL TO BRIDGE DETAILS

All structural steel shall be painted with a minimum of two coats of a paint approved by the Engineer and shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After paint is applied, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After paint is applied, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After paint is applied, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After paint is applied, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans. After paint is applied, all exposed surfaces shall be protected by a specified course of either Impermeable Material or an equivalent course of protection as shown on the Plans.

SUBSTRUCTURE NOTES

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STANDING IN WEDGES

Wedges shall be placed as specified in the Plans. Wedge plates shall be installed as specified in the Plans. Wedge plates shall be installed as specified in the Plans. Wedge plates shall be installed as specified in the Plans. Wedge plates shall be installed as specified in the Plans. Wedge plates shall be installed as specified in the Plans.

FOR ADDITIONAL INFORMATION AND NOTES, SEE LAYOUTS AND PLAN DETAILS.
GENERAL NOTES

Transitional Approach Railing Type SST336 shall be placed at locations shown in plan.

All concrete shall be Class "A" with a minimum 28 day compressive strength, f'c = 3,000 psi and shall be placed in the dry. All reinforcement corners shall be chamfered 1" unless otherwise noted.

All reinforcing steel shall be Grade 60 conforming to AASHTO M 31 or M 322, Type A, with full test reports.

All longitudinal ties within the limits of horizontal curves shall be in accordance with Section 8.2.2.1. Construction. Adjustment to the horizontal curve at the end of the ties shall be made to accommodate the curvature of the offset reference rail shall be placed on the ties for C.C., construction.

Unless otherwise indicated on the plan, coating and finishing shall be in accordance with Section 8.2.2.2. Construction. Surface treatments shall be applied to the transom rails and offset reference rails shall be placed on the ties for C.C., construction.

LITTLE ROCK, ARK.

UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS, THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN ON THIS SHEET.

CONCRETE TERMINAL LENGTH (in.)

ARIZONA STATE HIGHWAY COMMISSION

SECTIONS AND SUBSECTIONS REFER TO THE ARIZONA STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2014 EDITION).

TOTAL BAR LENGTH (in.)

THESE DETAILS ARE APPLICABLE UNLESS OTHERWISE SHOWN IN THE PLAN DRAWINGS, SPECIAL PREVISIONS, OR SUPPLEMENTAL SPECIFICATIONS.

STANDARD DETAILS FOR TRANSITIONAL APPROACH RAILING TYPE SST336

ARKANSAS STATE HIGHWAY COMMISSION

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STANDARD DETAILS FOR TRANSITIONAL APPROACH RAILING TYPE SST336

ARKANSAS STATE HIGHWAY COMMISSION
### HALF PLAN OF APPROACH CUTTERS FOR SQUARE BRIDGE

<table>
<thead>
<tr>
<th>Length</th>
<th>Material</th>
<th>Type</th>
<th>Notes</th>
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### PLAN OF APPROACH CUTTERS FOR SKewed BRIDGE

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### BAR LIST FOR ONE TYPE A CUTTER

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### QUANTITIES FOR ONE SQUARE APPROACH CUTTER

<table>
<thead>
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<th>Material</th>
<th>Quantity</th>
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<tbody>
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### STANDARD DETAILS FOR TYPE A APPROACH CUTTERS

**ARKANSAS STATE HIGHWAY COMMISSION**

**LOUISIANA HIGHWAY COMMISSION**

**CALIFORNIA HIGHWAY COMMISSION**

**NEVADA HIGHWAY COMMISSION**

**NEW MEXICO HIGHWAY DEPARTMENT**

**RUTHERFORD COUNTY ROAD DEPARTMENT**

**GUIFORD COUNTY ROAD DEPARTMENT**

**HUMPHREYS COUNTY ROAD DEPARTMENT**

**PERRY COUNTY ROAD DEPARTMENT**

**NADAL COUNTY ROAD DEPARTMENT**

**BROOKLYN (县)}
PLAN OF APPROACH GUTTER

SECTION A-A

APPROXIMATE QUANTITIES FOR ONE SQUARE 20'-0" APPROACH GUTTER

Concrete (Cu. Yd.)

10" @ 0.06 = 0.61

Reinforcing Rods (lb.)

10" @ 50.06 = 501.11

Validation Units of "W" are in feet.

GENERAL NOTES

- Square approach gutter is shown. Mostly approach gutter as necessary to accommodate a bridge on a skew. See Exhibit "C" for details.
- Match existing conditions at bridge end.
- Very high post height, as necessary, to match height of existing viewing bridge rail.

This centerline section shall only be used as a centerline of an existing bridge and where an existing curb abuts a drop panel.

Concrete shall be Class C or SEC/AC or mixture used for Portland Cement Concrete Pavement.

Subdividing gob shall be Grade 40 (fy = 40,000 psi) conforming to AASHTO M 31 or M 32, Type B, with mill test reports. Fabricate bar lengths to provide 2" minimum cover at each end.

Approach gutter will be measured and paid for in accordance with Section 509.

Preformed jointed and molded jointed included in the term "Approach Gutter".

Where longitudinal drop-off is not more than one inch per foot, approach gutters may be omitted. Transverse reinforcement shall be placed on railhead to Curb, if needed.

If an existing curb is located within the line of the approach gutter, adjust the reinforcing as needed to facilitate construction of the approach gutter, subject individual control.

SECTION B-B

STANDARD DETAILS FOR TYPE 'CP' APPROACH GUTTERS (BRIDGES WITH CURB)

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAFTED: DAY DATE PROJECT NO. SHEET NO. SHEET SCALE

ARCHITECT: INCHES

DRAWN: INITIALS DATE REVISED

ARCHITECT: INITIALS DATE

SCALE: AS NOTED

DRAWING NO. 10320
ELEVATION
TIMBER CAP & PILES

DETAILS OF BRACING FOR STEEL PILES

PILE SPICE DETAIL

DETAILS OF SWAY BRACING FOR TIMBER PILES

SHEET 2 OF 2
STANDARD DETAILS FOR TEMPORARY BRIDGE STRUCTURE TIMBER SPANS
24' ROADWAY WIDTH

ARMSKOA STATE HIGHWAY COMMISSION

55058