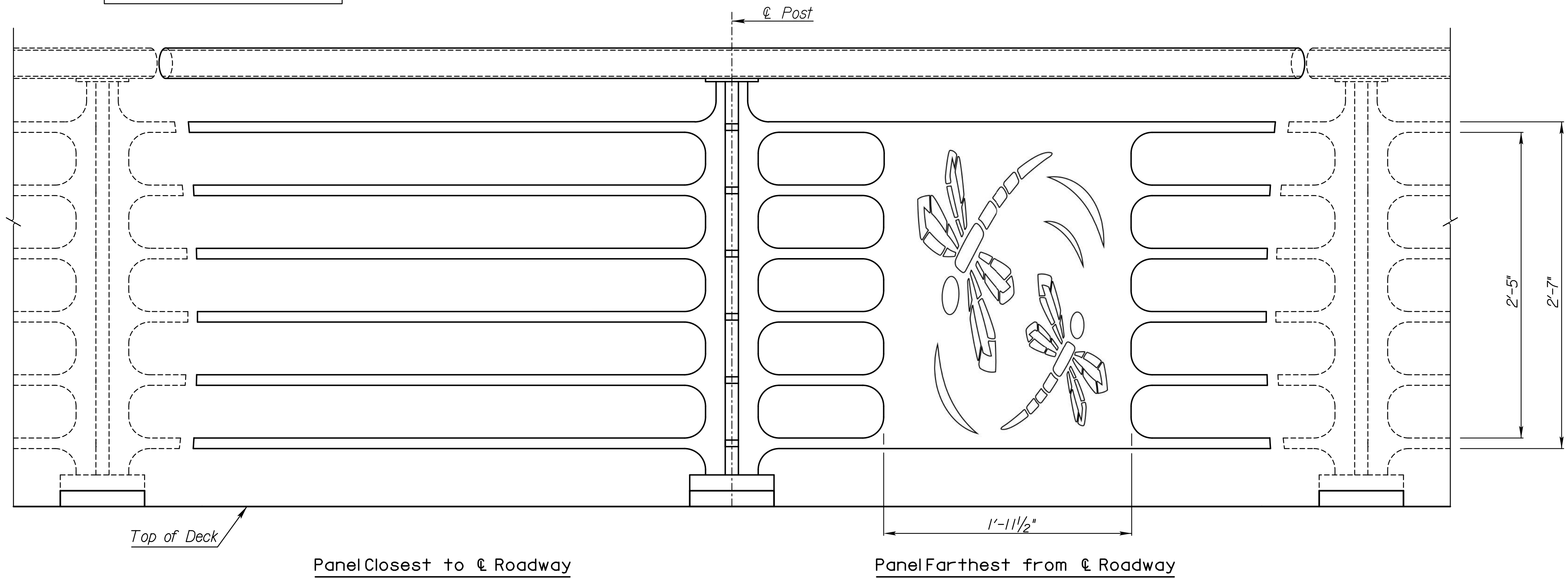


Dashed lines indicate handrail after 45 degree bend in plan.

**54" BALCONY PANEL ARTWORK**  
(Left Balcony)(One Set Shown, Two Required)



**42" BALCONY PANEL ARTWORK**  
(Right Balcony)(One Set Shown, Two Required)

See "Balcony Plan and Elevation" sheet for locations of Balcony Panel Artwork.

**NOTES**

1. See "Balcony Plan & Elevation" Sheet for location of these panels on the balconies.
2. Use these conceptual elevations of panels shown on this sheet for bidding purposes. In the same balcony, one panel is the mirror of the other. Successful bidder will be provided with electronic drawing files of actual panels for fabrication purposes.
3. Contractor and Fabricator will work with Artist. Work may include small changes to the cutout shape that may improve appearance and fabrication.
4. Vertical dimensions shown do not account for curved panel shape. Fabrication to account for curvature.
5. No warping is allowed. Surfaces and edges must be smooth to the touch. Cut edges must be smooth and able to hold paint without blemishes or voids. Provide shop drawings for all panel types.
6. Cutouts will be achieved with water jet or laser. Plasma will not be allowed.

**Material Specifications:**

- Plates & Shapes: A709 Grade 36
- Pipe: A-500 Grade B
- U-bolts: Grade 36 (Galv.) (including nuts & washers)
- Wire Rope: (Stainless Steel)

Posts to be set vertical. 1"x1" steel  $\bar{r}$  rails in End Panel and all Base Plates to be fabricated parallel to top of deck. Show angle of inclination (unique to each panel) in Shop Drawings. In order to facilitate this, Contractor to survey top of deck prior to preparation of Shop Drawings, subsidiary to the handrail bid items. All cut edges shall be true and smooth, free of burrs, ragged breaks, and sharp edges.

Miscellaneous plates, bars, and shapes shall conform to ASTM A36.

All Metal handrail components, except U-Bolt assemblies and wire rope, shall be sandblasted and painted by a system to be approved by the Engineer and as per KDOT std. spec. and latest special provisions.

U-Bolt assemblies shall be hot dip galvanized after fabrication. All bolts, nuts, and washers shall be zinc or cadmium plated, conforming to KDOT Standard Specifications. U-Bolt assemblies, bolts, nuts and washers shall be furnished and installed by the Contractor.

Embed U-Bolts in the concrete. Take care to protect U-Bolts from damage during construction.

Cost for intermediate posts, end posts, pipe rail, rail seats, wire rope, turnbuckles, U-Bolts, and all components required for the installation, including labor and incidentals, for the handrail shall be included in the price bid for "Handrail (Metal)(1'-10") Linear Ft.", "Handrail (Metal)(3'-6") Linear Ft." and "Handrail (Metal)(4'-6") Linear Ft." measured from end to end of rail.

All fillet welds shall be 1/4" unless otherwise noted.

Additional details may be required for the installation of the handrail in the field in order to fit within the actual geometry of the rail. Any extra detailing required to install the handrail shall be included in the respective Handrail bid items.

Wire rope manufacturer shall supply additional hardware necessary to erect wire rope, including turnbuckles and bushes in post holes to allow continuation of wire rope. Bushings to isolate stainless steel wire from pointed steel.

Shop drawings must be submitted for approval by the Engineer prior to fabrication. See KDOT Specifications.

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 WICHITA, KANSAS

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: E1010-4025062  
 SCALE:  
 DATE: 07/08/2022  
 DESIGNED BY: JBM  
 DRAWN BY: JBM  
 CHECKED BY: WBS

SHEET TITLE:  
**BALCONY  
 PANEL  
 ARTWORK**

SHEET NO.  
**61**  
 SHEET **61** OF 128