

**Application:** Structural bridge beams, hand rails, ornamental lighting.

**Product:** Plascoat PPA 571

**Location:** Jackson Street Bridge, Muncie, Indiana

**Client:** Indiana Department of Transportation



Jackson Bridge, Muncie, Indiana;  
Railings and columns coated in  
Plascoat PPA 571



## The tale of two coatings in Indiana, USA

### The situation:

In 2011 Pendry Coatings recommended Plascoat **PPA 571** in a tender for required restoration work on Jackson Street Bridge in Indiana, USA. The work involved the removal, re-conditioning, re-coating and re-installing all steelwork on the bridge. This included lighting columns, crash barriers, railings, and public information boards.

Pendry Coatings' end customer, The Department of Transportation for Indiana, was keen to evaluate Plascoat **PPA 571** for future use elsewhere in the state. It requested that Pendry Coatings used polyester coatings for a second tendered restoration project a mile down the road on the same type of lighting columns as on Jackson Street Bridge to compare like for like performance. Both projects were awarded to Pendry Coatings and completed in 2012.



▲ Plascoat PPA 571 was used to coat the frame of this public information board.

Plascoat PPA 571 is highly resistant to road salt and stone impact damage. It also has extremely good flexibility and adhesion properties allowing the coating to protect sharp edges.

“ I needed a tough and durable coating that, unlike polyester, would not require re-coating or any maintenance within the five year warranty specified by my customer. There is no doubt in my mind that Plascoat PPA 571 has saved me money. ”

**George Pendry,  
President of Pendry  
Powder Coatings  
Inc.**



▲ After two years Plascoat PPA 571 on this column looked as good as new.

▲ The polyester coating has failed

### The outcome:

In March 2014, after two harsh winters, the two locations were revisited and the results were startling. The **PPA 571** coating looked as good as new, intact and with high gloss levels; in contrast the polyester coating had deteriorated significantly, with the coating missing completely in some areas, and will need to be replaced, incurring labour and powder costs.

Pendry Coatings is optimistic that the Department of Transportation for Indiana will soon approve **PPA 571** for use throughout the state.



▲ Decorative railings on the sidewalk are protected and enhanced by Plascoat PPA 571

### Key Points

#### Plascoat PPA 571

- Superior resistance to sun, salt and sea water
- Excellent impact and sand abrasion resistance
- Premium quality, glossy appearance
- Will not crack, chip, flake or fracture
- Low temperature performance to -70°C
- Excellent adhesion to steel, iron and aluminium

### Contact Us

Plascoat Systems Ltd produces a range of thermoplastic coating powders, designed for a range of specific uses.

### For more information

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