DOWELS

CHRŌMX®

UNCOATED CORROSION RESISTANT STEEL PAVEMENT DOWEL AND TIE BARS

Uncoated corrosion resistant ChrōmX® dowel and tie bars extend pavement service life and lower maintenance cost.

Concrete Pavement Dowel Bars

Smooth round pavement dowels serve as load transfer devices (LTD's) at transverse joints in plain jointed concrete pavement (PJCP). Dowel bars are generally 18" long by 1 ¼ "or 1 ½" in diameter at 12" spacing across the transverse joints, depending on pavement thickness and traffic considerations. The placement of dowel bars is made by either using: dowel bar baskets prior to concrete placement or dowel bar inserter (DBI) equipment as part of concrete placement machines.

Uncoated Corrosion Resistant ChrōmX® (AASHTO MP 18/ASTM A1035) Dowel and Tie Bars

ChrōmX pavement dowel and tie bars have been used in plain jointed concrete pavement (PJCP) since 2002 by Washington State DOT (WSDOT), while extending pavement service life. PJCP ChrōmX pavement dowel bars have also been used in CALTRANS, and Idaho Transportation Department projects, along with pavement test sections by: Kentucky Transportation Cabinet, New York State DOT, Ohio DOT, and Wisconsin DOT.

WSDOT has included uncoated corrosion-resistant A1035 pavement dowel bars in new PJCP pavement projects per WSDOT Standard Specification 9-07.5.

ChrōmX pavement longitudinal high strength (100 ksi) tie bars provide corrosion-resistance, offering extended pavement service life, while reducing tie bar material requirements.

MMFX® STEEL

TODAY'S STEEL STANDARD

DOWELS

CHRŌMX®

9000 SERIES

4000 SERIES

HOW TO ORDER

- **Diameters Available..... 1¼" & 1½"**
- **Full Length Sizes ..... 40' & 60'**
- **Typical Cut Length Size .....18"**

ChrōmX 9100 (*Formerly MMFX$_2$*)
at 100 ksi yield
with 75 - 100 years service life

ChrōmX 4100
at 100 ksi yield
with 25 - 40 years service life

www.mmfx.com
Toll Free: (866) 466-7878

MMFX STEEL®
MMFX Steel Corporation of America
2415 Campus Drive, Suite 100, Irvine, CA 92612 • Phone (949) 476-7600 • www.mmfx.com