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Out Web Reinforcement Can Be Determined From The Provisions Of Section 11.5.2 Of The ACI Code.4 Eq. (11-11) Will Usually Govern The Design. In Terms Of Notation Used In This Report, This Equation Becomes: $V = 0.6 F_c A_w \left(\frac{d}{l} \right)^2$ Where A = Minimum Width Of Tensile Strut D = Distance From Extreme Compressive Fiber To Centroid Of Prestressed ... 1th, 2024

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Method 2 An Approximate Analysis Is Made To Determine The Horizontal Displacements Of The Joints, And The So-called P-(load-deflection) Moments Arising Therefrom Are Directly Calculated. The Magnification Factor Is Then Used To Account For The Additional Secondary Moments Due To Deflection Of The Column Centerline, Using The Effective Length For 3th, 2024

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Bridge Is Admirably Suited To These Conditions And Has The Additional Advantage Of Its Aesthetically Pleasing Lines, A Highly Desirable Property For Urban Structures. The Simple Prestressed Concrete Box Girder Has Evolved Rapidly Into The Sophisticated Bridge With Many More Design And Construction Developments. Two 1th, 2024

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And Load Rating Of Multi-span Precast-prestressed Concrete Bridge Beams/girders In Accordance With The AASHTO LRFD Bridge Design Specifications (thru The 9th Edition, 2020) And By TxDOT Design Policies And Guidelines. Properties Of TxDOT Standard I-girders (TxGirders), U Beams 2th, 2024

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Accordance With The Requirements And Tolerances Of
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To Units Being Loaded Or Ends Restrained. 10.2.
Keyways Between Units Shall Be Cleaned And Filled
Solidly With G 2th, 2024

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The Prestressed Concrete Design Of A Structure Is
Influenced By Either Of The Two Processes, Pre-
tensioning, And Post-tensioning. Pre-tensioning Can Be
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