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a b

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a b c

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a b c d e f g h

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[14B48](#) Retrofit Cantilever Blunt End

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- sheet a: *Retrofit Cantilever Sloped End - Elevation, Section Detail Installation and Bill of Materials*
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- sheet a: *Thrie Beam Approach Retrofit Installation of Missing Post - Missing Post Cross-Beam Layout*

- sheet b: *Thrie Beam Approach Retrofit Installation of Missing Post - Missing Post Cross-Beam Components*
- sheet c: *Thrie Beam Approach Retrofit Installation of Missing Post -Post Details, Bill of Materials*

[14B51](#) Anchor Post Assembly Top Mounted

- sheet a: *Anchor Post Assembly Top-Mounted - Layout and Mounting Details*
- sheet b: *Anchor Post Assembly Top-Mounted - Assembly Details*
- sheet c: *Anchor Post Assembly Top-Mounted - Fill, Joint Placement and Bill of Materials*

[14B52](#) Cable Barrier Type 1

- sheet a: *Cable Barrier Type 1 - Layout, Material List*
- sheet b: *Cable Barrier Type 1 - Rock Excavation, Cross Section, Line Post Details*
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[14B53](#) Short Radius MGS

- sheet a: *Short Radius Beam Guard and Terminal (MGS) - Layout*
- sheet b: *Short Radius Beam Guard and Terminal (MGS) - Short Radius Terminal Views, Detail A*
- sheet c: *Short Radius Beam Guard and Terminal (MGS) - Terminal Detail B, Detail C and Detail D*
- sheet d: *Short Radius Beam Guard and Terminal (MGS) - Terminal Anchor Bracket and Anchor Bracket Bearing Details*
- sheet e: *Short Radius Beam Guard and Terminal (MGS) - End Section Buffer, Terminal Connector, Reflector Sheeting Parts*
- sheet f: *Short Radius Beam Guard and Terminal (MGS) - Washer, Post, Tube, Plate and Terminal Post Details, Cable Assembly Detail*
- sheet g: *Short Radius Beam Guard and Terminal (MGS) - Part List*
- sheet h: *Short Radius Beam Guard and Terminal (MGS) - Part List*
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14C. RECREATIONAL FACILITIES

[14C1](#) Timber Rail Guard Fence, Curb and Guard Post and Marker Post

[14C2](#) Historical Marker Construction

[14C3](#) Roadside Picnic Table

[14C6](#) Wayside Well Shelter and Pump and Well Platform

a b

[14C7](#) Picnic Tables, Single Pedestal

a b

15. RW, ACCESS CONTROL AND TRAFFIC CONTROL

15A. MARKER POSTS

[15A1](#) Marker Post for Right-of-Way

- sheet a: *Marker Post for Right-of-Way*
- sheet b: *Flexible Marker Post for Right-of-Way*

[15A3](#) Flexible Marker Post for Culvert End

a b

[15A4](#) Delineator and Delineator Post

- sheet a: *Flexible Delineator Post*
- sheet b: *Barrier Wall Delineator with Reflective Sheeting*
- sheet c: *Delineator Post with Reflective Sheeting*
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[15A7](#) Object Marker for Hazardous Culverts

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[15B1](#) Fence Woven Wire

a b

[15B3](#) Chain Link Fence

a b

[15B10](#) Wood Gate, Double Leaf

a b c

[15B11](#) Wood Gate, Single Leaf

a b

[15B12](#) Pipe Gate Details

a b

15C. MARKING AND SIGNING

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sheet b: *Barricades and Signs for Various Closures*

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sheet e: *Traffic Control, Guidance Signing for Off-Ramp Lane Closure*

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sheet h: *Modified Route Assembly for Detour Signing*

[15C3](#) Barricades and Signs for Sideroad Closures

[15C4](#) Traffic Control, Advance Warning Signs 45 M.P.H. or Greater, Two Way Undivided Road Open to Traffic

[15C5](#) Traffic Control, Advance Warning Signs 40 M.P.H. or Less, Two Way Undivided Road Open to Traffic

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[15C7](#) Pavement Marking Words, Symbols and Arrows

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[15C8](#) Pavement Marking, Mainline and Turn Lanes

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[15C9](#) Signing and Pavement Crossing, RR Truck Stopping Lane Marking Railroad Grade

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[15C11](#) Channelizing Devices

sheet a: *Channelizing Devices - Flexible Tubular Marker Post*

sheet b: *Channelizing Devices - Drums, Cones, Barricades and Vertical Panel*

[15C12](#) Traffic Control for Lane Closure with Flagging Operation

a b

[15C14](#) Aerial Enforcement Bars Pavement Marking Details

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 - sheet a: *Moving Pavement Marking Operation - Two-Lane Two-Way Roadway*
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- [15C29](#) Bicycle Lane Pavement Marking
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- [15C31](#) Pavement Marking (Ramps and Gores)
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15D. TRAFFIC CONTROL

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- [15D20](#) Traffic Control, Single Lane Closure, Non-Freeway/Expressway
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- [15D27](#) Traffic Control, Shoulder Closure on Divided Roadway, Speeds Greater than 40 M.P.H.
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16. SURVEYING

16A. MONUMENTS

- [16A1](#) Landmark Reference Monuments and Covers