

Sign	Plan Actions													
	Plan Design	F&I Sign (entire structure)	F&I Delineator / Marker (entire structure)	F&I Sign Panel on existing sign structure	F&I Delineator / Marker Panel on existing structure	Remove Sign Panel from existing sign structure	Remove Delineator / Marker Panel from existing structure	Remove Sign	Remove Delineator / Marker	Salvage Sign	Install Sign	Salvage Sign Panel and Install it on an existing structure	Salvage Sign Panel and Install it on its Own New Structure	Salvage 2 Existing Signs and Install on a New Single Structure
Construction / Field Work														
F&I sign structure base	x	x									x		x	x
F&I sign structure riser posts	x	x									x		x	x
F&I stringers and other mounting hardware	x	x	x	x							x	x	x	x
F&I sign panel	x		x											
F&I delineator / marker panel	o	x		x										o
Remove sign structure base							x	x	x					x
Remove sign structure riser post(s)							x	x	x					x
Remove stringers and other mounting hardware					x	x	x	x	x			x	x	x
Remove sign panel					x									
Remove delineator / marker panel						x	o	x						
Remove and store sign panel for reinstallation										x		x	x	x
Install stored sign panel											x	x	x	x
Roadway Notes														
1 F&I	x	x												
2 Inplace														
3 Salvage									x					x
4 Remove							x	x						
5 Remove Sign Panel					x									
6 Install										x			x	x
7 F&I Sign Panel			x											
F&I Delineator/Marker Panel				x										
Salvage Sign Panel											x	x		
Install Sign Panel											x			
Remove Delineator/Marker Panel						x								
Tabulations														
Panel Code, Legend, and Size	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Mounting Height	x	x	x	x							x	x	x	x
A Distance			o									o		
Support Type	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Support Riser Post Size	o	x									x		x	x
Support Number of Posts	o	x									x		x	x
Tabulation notes														
Install with Sign S-XX												x		x
Pay Items														
2104.502 Remove Sign								x						
2104.502 Remove Sign Panel					x									
2104.502 Remove Delineator/Marker									x					
2104.502 Remove Delineator / Marker Panel							x							
2104.502 Salvage Sign										x				x
2104.502 Salvage Sign Panel											x	x		
2564.502 Install Sign Panel											x			
2564.602 Install Sign												x	x	x
2564.602 Delineator/Marker		x												
2564.602 Delineator/Marker Panel				x										
2564.618 Sign	x													
2564.618 Sign Panel			x											
Panel Layouts														
Provide sign panel designs with dimensions	o	o	o	o										
Standard Plans Required														
701 Standard Sign Placement	o		o								o	o	x	x
702 Delineator Marker Placement		x	o	o									o	o
703 Sign, Delineator, and Marker Placement Near Interchange Ramp Gores	o	o									o		o	o
Chose one structure type form list below														
721 Three-Wall Base	o	o	o	o							o	o	o	o
Fin Base Detail	o		o								o	o	o	o
Shear Bolt Detail	o		o								o	o	o	o
Slip Base Detail	o		o								o	o	o	o
726 Sign Mounted on Concrete Wall	o		o								o	o	o	o
730 Sign Mounting Systems for Round Supports		o	o	o								o		
731 Sign Mounting Details for Signal Mast Arms			o									o		
740 Concrete Rail Mounted Sign	o		o								o	o	o	o
741 Structural Details for Bridge Mounted Type D Signs - Street Name	o		o								o	o	o	
742 Structural Details for Bridge Mounted Type D Signs - Minor Guide Signs	o		o								o	o	o	
DIV ST														
Use template language for action or pay item	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Requires special write up														
Changes to DIV ST Template														
Reminders Engineering Decisions														
Only one structure type is used for each sign. Include the correct details and standard plans for all structure types used.	x	x	x	x							x	x	x	x
Existing structure can be square tube post, signal, bridge, concrete retaining wall, median barrier, etc.			x	x	x	x						x		

Panel Overlay		Plan Actions									
Plan Design	F&I (entire structure)	F&I Sign Panel	Remove Sign Panel	Sign Panel Overlay	Sign Panel Partial Overlay	Reposition Sign Panel (horizontally)	Increase Panel Height	Decrease Panel Height	Increase Panel Width	Decrease Panel Width	Move Sign Panel from one OSS to another
Construction/Field work											
Remove existing sign panel overlay from extruded panel (if present)			O	X			X	X	O	X	
F&I sign panel overlay	X	X		X	X		X	X	X	X	
F&I post clips and remove any that may be present	X	X		X		X	X	X	X	X	X
Remove Extruded Sign Panel - entire sign panel extrusions			X						X		
Remove Extruded Sign Panel Sections - some extrusions								X			
Saw Extruded Sign Panel										X	
F&I Extruded Sign Panel	X	X							X		
F&I Extruded Sign Panel Section(s)							X				
Reposition Sign Panel (on same structure)						X	O	O		O	
Relocate/Reposition existing panel mounting posts						X	O	O	O	O	
Remove Panel Mounting Posts			X				O			O	O
F&I Panel Mounting Posts	X	X					O		O		O
Extend Panel Mounting Posts							O				
Saw Panel Mounting Posts								X			
Move sign panel from one structure to another											X
Roadway Notes											
1 F&I	X										
F&I Sign Panel Overlay(s)				X			X	X		X	
F&I Partial Sign Panel Overlay					X						
7 F&I Sign Panel		X							X		
F&I Extruded Panel Section(s)							X				
5 Remove Sign Panel			X						X		
Remove Extruded Panel Sections								X			
Reposition Sign Panel						X	O	O		O	
Saw Sign Panel										X	
F&I Panel Mounting Posts							O		O		
Remove Panel Mounting Posts							O			O	
Extend Panel Mounting Posts							O				
Shorten Panel Mounting Posts								X			
Salvage Sign Panel											X
Install Sign Panel											X
Tabulations											
Sign Panel Overlay	X	X		X	X		X	X	X	X	
Existing Extruded Panel			X	X	X		X	X	X	X	X
F&I Extruded Panel	X	X					X		X		
Remove Extruded Sign Panel			X						X		
Remove Extruded Panel Sections								X			
Reposition Sign Panel						X	O	O		O	
Salvage Extruded Sign Panel											X
Install Extruded Sign Panel											X
Panel Mounting Posts (No, Type, Structural Steel..., Truss type)	X	X					X		O		O
Tabulation notes											
Extend Panel Mounting Posts XX inches							O				
Saw extruded sign panel to match panel overlay size										X	
Shorten panel mounting posts XX inches								X			
Apply Graffiti Film	O	O		O			O	O	O	O	
Position Sign Panel (describe how or see structural elevation section for other options)		O				X	O	O	X	O	
F&I partial sign panel overlay. Details shown in Sign Panel Layouts.					X						
Pay Items											
2104.502 Remove Extruded Sign Panel			X						X		
2104.502 Salvage Extruded Sign Panel											X
2564.502 Install Extruded Sign Panel											X
2564.602 Reposition Sign Panel						X	O	O		O	
2564.608 Structural Steel - Panel Mounting Post	X	X					X		O		O
2564.618 Sign Panel Overlay	X	X		X	X		X	X	X	X	
2564.618 Extruded Panel	X	X					X		X		
Panel Layouts											
Provide sign panel designs with dimensions	X	X		X	X		X	X	X	X	
Show where partial overlay to be placed upon original panel					X						
Standard Plans Required											
710 Extruded Panel Mounting Details	X	X		X		X	X	X	X	X	X
750 Panel Mounting Post Modification Detail							O				
Structure Elevations											
Provide Structure Elevation	X	O				O	O	O	O	O	O
If no structure elevation, provide other alternative for panel positioning on structure (table, notes, DIV ST, etc.).		O				O	O	O	O	O	O

Structure	Plan Actions												
	OSS Truss (Cantilever and Simple Span)					OSS Bridge Mounted Truss			Monotube OSS			I-Beam	
Plan Design	F&I (entire structure)	Repair / Raise Footing	Relocate OSS	Remove OSS	Remove Walkway and / or lighting	F&I (entire structure)	Remove OSS	Remove walkway and / or lighting	F&I (entire structure)	Relocate OSS	Remove OSS	F&I (Entire Structure)	Remove I-Beam
Construction/ Field Work													
F&I Foundation	x		x						x	x		x	
F&I Post	x								x			x	
F&I Truss/Beam	x								x				
F&I Bridge Mounted Truss						x							
F&I Extruded Panel with Overlay	x					x						x	
F&I Flat Sheet Aluminum Sign Panel									x				
F&I Panel Mounting Post	x					x						o	
F&I Post Clips	x		x			x						x	
F&I Stringers/Round Post Mounting									x				
F&I Overhead Sign Identification Plate	x					x			x				
Salvage Post		x	x							x			
Salvage Truss/Beam		x	x							x			
Install Post		x	x							x			
Install Truss/Beam		x	x							x			
Repair/Extend footing		x											
Remove Walkway					x			x					
Remove Lighting					x			x					
Remove Footing (entire spread or 5 ft for shaft)			x							x			
Remove entire sign structure				x			x				x		x
Roadway Notes													
1 F&I	x					x			x			x	
3 Salvage		x	x							x			
4 Remove				x			x				x		x
6 Install		x	x							x			
Remove Sign Walkway					x			x					
Remove Sign Lighting System					o			o					
Extend Sign Foundation		x											
F&I Overhead Sign ID Plate	x		x			x			x				
See TMS Plan (Use if installing a DMS, E-Z PASS reader, or other electrical equipment)	o	o	o	o		o	o						
Show Source of Power symbol and "S.O.P." note or "S.O.P. Disconnected" note (Use if structure is/was connected to power at any time)		o	o	o	o		o	o					
Tabulations													
Remove I-Beam Sign													x
Remove Monotube Sign											x		
Remove Overhead Sign				x									
Remove Overhead Bridge Mounted Signs						x							
Remove Sign Walkway					x			x					
Salvage Overhead Sign		x	x										
Install Overhead Sign		x	x										
Salvage Monotube Sign									x				
Install Monotube Sign									x				
Structural Steel - I-Beam Sign												x	
Structural Steel - Overhead Sign Post	x												
Structural Steel - Overhead Sign Truss	x												
Structural Steel - Overhead Walkway	o												
Structural Steel - Monotube Sign									x				
Structural Steel - Bridge Mounted Truss						x							
Footing (multiple for shaft or spread)	x		x										
Concrete Footing (Monotube)									x	x			
Foundation Special OH		x											
Sign Panel Overlay	x		o			x						x	
Extruded Panel	x		o			x						x	
Structural Steel - Panel Mounting Posts	x		o			x						o	
Sign Panel									x	o			
Delineator/Marker Panel	x		o			x			x	o			
Delineator / Marker Sign						x							
Remove Delineator / Marker Sign							x						
Tabulation notes													
Foundation Special OH requires its own tab		x											
Removal of foundation is included in Salvage Overhead Sign			x							x			
Removal of lighting is included in walkway removal					o								
Pay Items													
2104.502 Remove Overhead Sign				x									
2104.502 Remove Overhead Bridge Mounted Sign						x							
2104.502 Remove Monotube Sign										x			
2104.502 Remove I-Beam Sign													x
2104.502 Remove Sign Lighting System					o			o					
2104.502 Remove Delineator / Marker Sign						x							
2104.503 Remove Sign Walkway					x			x					
2104.502 Salvage Overhead Sign		x	x										
2104.502 Salvage Overhead Bridge Mounted Sign													
2104.502 Salvage Monotube Sign									x				
2104.502 Salvage I-Beam Sign													
2564.602 Foundation Special OH		x											
2564.602 Install I-Beam Sign													
2564.602 Install Monotube Sign									x				
2564.602 Install Overhead Sign		x	x										
2564.602 Install Overhead Sign Bridge Mounted Sign													
2564.602 Delineator / Marker Panel	x								x				
2564.602 Delineator / Marker Sign						x							
2564.607 Concrete Footing (I-Beam)						x							o
2564.607 Concrete Footing (Monotube)									x	x			
2564.607 Multiple OSS Truss Footing Options - select the correct one	x		x										
2564.608 Structural Steel - I-Beam Sign													x
2564.608 Structural Steel - Overhead Sign Post	x												
2564.608 Structural Steel - Overhead Sign Truss	x												
2564.608 Structural Steel - Overhead Walkway	o												
2564.608 Structural Steel - Monotube Sign									x				
2564.608 Structural Steel - Bridge Mounted Truss						x							
2564.608 Structural Steel - Panel Mounting Post	x					x							o
2564.618 Sign Panel Overlay	x					x						x	
2564.618 Extruded Panel	x					x						x	
2564.618 Sign Panel									x				
Panel Layouts													
Provide sign panel designs with dimensions	x					x			x			x	
Standard Plans Required													
702 Delineator and Marker Placement						x							
710 Extruded Panel Mounting Details	x					x							x
711 I-Beam Supported Sign Structural Details													x
721 Three-Wall Base						x							
730 Sign Mounting Systems for Round Supports	x								x				
745 - 749 Monotube Overhead Sign Structures									x	x			
760 - 772 Standard Overhead Sign Structures - Design D	x	o	o		o								
752 - 755 Overhead Truss Design Structures - Specialty Footing Types - Median Barrier	o		o										
773 - 774 Standard Overhead Sign Structure - Design D - Specialty Foundations	o		o										
779 - 789 Overhead Sign Structures - Foundation Extensions		x											
Historic OSS details		o	o		o								
Bridge Mounted Design Detail Sheet						x	o	o					
Structure Elevations													
Provide Structure Elevation	x		x						x	x		x	
If no structure elevation, provide other alternative for panel positioning on structure (table, notes, DIV ST, etc.)													
DIV ST													
Use template language for action or pay item	x	x	x	x	x	x	x	x	x	x	x	x	x
Requires special write up													
Changes to DIV ST Template													
Reminders / Engineering Decisions													
Ensure vertical clearance is still met		x	x							x			
Make sure to reference shop drawings for post and truss length, not just design files. Contact bridge office for shop drawings.		x	x							x			
Requires Geotechnical Foundational Analysis and Recommendations Report	x		x										o
Walkway only required when DMS is on structure	x				x	x							
Removal of walkway include removal of sign lighting system					x			x					
Include only the structural sheets that are needed for the plan set	x	x	x		x				x				x
All bridge mounted sign structures are unique designs by the bridge office						x							
Review bridge plan to determine sign is adequately located over the intended lane(s). Should match location info previously provided to the bridge office.						x							
Concrete I-beam footing pay item is used with Shallow Spread Footing Std Plan 5-297.713													o
Consider TTC needs if an OSS will be down due to removal, salvage, or repair. LCM and other in-place signing sufficient vs. TC plan with temp signing needs		x	x	x			x				x		x
Items highlighted in orange are included in the panel overlay tab	x		x			x	x		x	x			
Items highlighted in green are included in the sign tab	x		x			x	x		x	x			