

Sheet	Page Number	2020 Standard Detail Updates
INDEX		
	1	Edited note to read: "This document uses US Customary Units"
	2	Cross reference index sheet with detail sheet title and number.
	3	Cross reference index sheet with detail sheet title and number.
	4	Cross reference index sheet with detail sheet title and number.
	5	Cross reference index sheet with detail sheet title and number.
	new - 6	Pages added that will match the Detail sheets. Cross reference index sheet with detail sheet title and number.
Section I - BARRIER		
B-1	1	Added notes regarding MASH compliance and FHWA eligibility letter references. Type 2-31 - changed offset from back of post to obstruction from 3'-0" to 2'-6" to match crash testing
	2	No changes to sheet. Reviewed for MASH compliance
	3	Revised curb placement requirements based on MASH crash testing (MwRSF Report TRP-03-237-10) Updated curb placement details to include GABC under curb Revised offset block dimensions for Type 3-31 guardrail based on MASH crash testing (TTI Test Report 9-1002-12-8) Revised offset from back of post to edge of maintenance strip and removed rounding requirements
	new - 4	New Detail: Type 1-31, guardrail with omitted post. Design based on MwRSF Report TRP-03-326-16 Added provisions for use of curb in conjunction with omitted post, detail updated
	new - 5	New Detail: Type 1-31, steep slope installation. Design based on TTI Test Report Test Report 405160-20 Added "max" 2:1 slope requirement
B-2	1	Depress Curb dimension – added note "MAX 2" HEIGHT". Modified note 2. Removed "Attenuator" from Note 3 to maintain nomenclature consistency. Added Note 5 regarding delineators not being placed within end treatment limits. Changed title to remove "Attenuator" to match pay item name. Updated grading dimensions such that the dimensions are based on offsets from the face of guardrail
	2	Changed detail to remove curved style head and use a more square style head to reflect the type of devices used in the field. Depress Curb dimension – added note "MAX 2" HEIGHT". Modified note 2. Removed "Attenuator" from Note 3 to maintain nomenclature consistency. Added Note 5 regarding delineators not being placed within end treatment limits. Changed title to remove "Attenuator" to match pay item name. Label section A-A in section view. Changed head in section view to match what is currently used in field. Updated grading dimensions such that the dimensions are based on offsets from the face of guardrail
	3	Added note 7 regarding delineators not being placed within end treatment limits. Changed title to remove "Attenuator" to match pay item name. Removed "Attenuator" from Note 5 to maintain nomenclature consistency. Removed "Attenuator" from Section A-A title to maintain nomenclature consistency. Removed metric dimensions Modified grading details with 50' grading transition or as per plan
B-3	1	Note 6 – changed 8" to 12" to reflect MASH testing conditions. Added note stating MASH compliance based on FHWA eligibility letter B-189. Added note regarding curb height max of 2" within the limit of payment.
	2	Note 3 – Post 2 through 7 are to be Type 31 long, wood breakaway posts. Reflects MASH testing conditions. Note 6 – change 8" to 12" to reflect MASH testing conditions. Added note stating MASH compliance based on FHWA eligibility letter B-189. Added note regarding curb height max of 2" within the limit of payment.
	3	Note 6 – change 8" to 12" to reflect MASH testing conditions. Added note stating MASH compliance based on FHWA eligibility letter B-189. Added note regarding curb height max of 2" within the limit of payment.
B-4	1	Full revision to sheet to provide MASH compliant end anchorage. Design based on FHWA Eligibility Letter B-256.
B-5	RESERVED/deleted	Relocated details to B-8 for Type 1 connection and exit. Deleted Type 2 connection and hardware and is replaced with the new B-10, Type 3 Barrier connection.
B-6	RESERVED/deleted	Deleted sheets 1 - 5. Will keep B-6 RESERVED. Applications are not MASH compliant.
B-7	1	Version from 1st submission to reflect updated design guidance from MwRSF
B-8 - new	new - 1	Relocated B-5 guardrail to Barrier Connection Type 1-31 Removed metric dimensions. Maintain for retrofits
	new - 2	Relocated B-5 guardrail to Barrier Connection Type 1-31 Removed metric dimensions. Maintain for retrofits
	new - 3	Relocated B-5 guardrail to Barrier Connection Type 1-31 Removed metric dimensions. Maintain for retrofits
	new - 4	Relocated Guardrail-to-Barrier Connection, Exit Type 1-31 (formerly Detail B-5, sheet 6 of 6).
B-9	RESERVED	removed in 2010
B-10 - New	new - 1	New Detail: Type 3-31, barrier approach connection added curb information
	new - 2	New Detail: Type 3-31, barrier approach connection posts
	new - 3	New Detail: Type 3-31, barrier approach connection posts
	new - 4	New Detail: Type 3-31, buttress and end shoe
B-11 - New	new - 1	New Detail: Thrie-Beam AGT to Concrete Buttress plan and elevation views
	new - 2	New Detail: Thrie-Beam AGT to Concrete Buttress section and reinforcements

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	new - 3	New Detail: Thrie-Beam AGT to 36" F-shape plan and elevation views
	new - 4	New Detail: Thrie-Beam AGT to 36" F-shape section and reinforcements
	new - 5	New Detail: Thrie-Beam AGT to 42" F-shape plan and elevation views
	new - 6	New Detail: Thrie-Beam AGT to 42" F-shape section and reinforcements
	new - 7	New Detail: Thrie-Beam AGT to 42" Single Slope plan and elevation views
	new - 8	New Detail: Thrie-Beam AGT to 42" Single Slope section and reinforcements
B-12	RESERVED	removed in 2010
B-13	1	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	2	Changed detail titles for offset blocks. Removed "Type 27" and "Type 31" and replaced with 8" and 12" respectively. Updated dimensions on offset blocks to reflect dimensions from AASHTO Task Force 13 standardized barrier hardware documentation. Removed metric units.
	3	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	4	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	5	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	6	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	7	For the Long Wood Breakaway Post, moved ground line to be in line with first drilled hole, consistent with crash testing documentation. Also modified dimensions to be consistent with crash testing documentation and AASHTO Task Force 13 standardized barrier hardware documentation. For the Short Wood Breakaway Post and Long Wood Breakaway Post, added "FRONT" and "SIDE" labels to each detail for clarification purposes. Removed notes 3 and 4 as they no longer apply updated notes. Removed metric units. Modified steel tube details to be consistent with testing for end anchorage and for the Type 4-27 guardrail terminal
	8	Removed metric units. Modified dimensions to be consistent with AASHTO Task Force 13 standardized barrier hardware documentation.
	9	Added notes regarding reflector requirements. Changed Guardrail Delineator to Guardrail Reflector. Removed metric units.
	10	Changed title and updated sheet numbering
	11	New Detail: Downstream Anchorage system - ground strut and anchorage bracket
	12	New Detail: Guardrail to Barrier Connection-Thrie-Beam Terminal Connector
B-14	RESERVED/deleted	32" median barrier has been relocated to B-27
B-15	1	Removed metric dimensions. Maintain for retrofits
	2	Removed metric dimensions. Maintain for retrofits
	3	Removed metric dimensions. Maintain for retrofits
B-16	RESERVED/deleted	Deleted 27" guardrail over culverts.
B-17	1	Update sheet notes and removed metric dimensions.
B-18	1	Update sheet notes and removed metric dimensions.
B-19	RESERVED/deleted	Deleted 27" end anchorage.
B-20	1	Updated as tested for MASH with double rail. Single rail was deleted. Design is based on TTI Report 608431-01-1&2.
	2	New slope and post locations.
	3	New hardware.
	4	New post detail
B-21	RESERVED/deleted	Deleted 27" Barrier connections.
B-22	RESERVED	
B-23	RESERVED	
B-24	RESERVED	
B-25 - New	new - 1	New sheet - 36" F-Shape Roadside Concrete Barrier with Type 1, 2 and 3
	new - 2	New sheet - 36" F-Shape Roadside Concrete Barrier elevation and reinforcement
B-26 - New	new - 1	New sheet - 42" F-Shape Roadside Concrete Barrier with Type 1, 2 and 3
	new - 2	New sheet - 42" F-Shape Roadside Concrete Barrier elevation and reinforcement
B-27 - New	new - 1	Revised B-14, moved to B-27 - 32" F-Shape Concrete Median Barrier
B-28 - New	new - 1	New sheet- 36" F-Shape Concrete Median Barrier
B-29 - New	new - 1	New sheet - 42" F-Shape Concrete Median Barrier
B-30 - New	new - 1	New sheet - 42" Single Slope Concrete Median Barrier
Section II - CURB & GUTTER		
C-1	1	Delete note 6 and add a typical section to sheet 2 should 6" under C&G. and change to "Curb will require Type IV Polyurethane-bonded recycled rubber expansion material between the face of curb and edge of PCC Pavement." Delete "SEE NOTE 6". Sheet and detail title removed the P.C.C. and replaced with corrected Item Description of PCC. Title block of sheet Change "TYPICAL CURB SECTION" TO "PCC CURB". Remove "type B" from the typical section GABC. Typical Curb Section shows typical back fill and finishing limits per the Standard Detail. note 6, see sheet C-1 (2) for new detail.

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	2	Add Typical section for curb and gutter Show and label 6" GABC under curb & gutter typical section. Added Note No. 7: "Curb will require Type IV Polyurethane-bonded recycled rubber expansion material between the face of curb and edge of PCC Pavement." Rearranged sheet to make new typical section fit.
	3	Edit Note No. 3: Follow typical section GABC depth per C-1, sheet 2. Sheet and detail title removed the P.C.C. and replaced with corrected Item Description of PCC.
	new - 4	New Detail : Roundabout Curb and Guardrail Median curb Plan details for roundabout PCC curb added into the Standard along with a new curb detail for Type 3 guardrail application to allow for deflection. NOTE: 1). SEE TYPICAL SETION DETAIL ON C-1, SHEET 2 FOR PLACEMENT OF GABC UNDER THE CURB. Add to note "UNLESS NOTED". 6" GABC added to all curb.
C-2	1	All Notes, edits made to match the PAS requirements and sheets 1-3. Add note 11 from Type 5 ped. for 8" of separation at pavement edge when no curb is present or back of curb. For DETECTABLE WARNING SURFACE DETAILS, delete note A), rename B) & C), add depressed curb to new note B). Change 6" base to 6" GABC in section A-A & B-B. Match 2 scales in section A-A. Section A-A BLENDED TRANSTION added to the sheet to accompany note No. 9 Show side slopes to sidewalk as 6:1, refer to how M-9 does the 6:1.
	2	All Notes, edits made to match the PAS requirements and sheets 1-3. Add note 10 from Type 5 ped. for 8" of separation at pavement edge when no curb is present or back of curb. Change 6" base to 6" GABC in section C-C & D-D. Make "D" dim. Add Note 10 from previous sheet referring to domes along radius. Delete 9" from dimension and add "SEE NOTE 10".
	3	All Notes, edits made to match the PAS requirements and sheets 1-3. Show curb continuous for delineation of the path. Notes edit and elimination. Change 6" base to 6" GABC in section E-E. Delete illustrative purpose graphics that are not Type 5 connection components. Move 5' dimension to inside of island. Label 5'x5' from back of curb and remove dimension
C-3	1	Delete note 1, "IF WIDTH OF DRIVEWAY IS 15'0" OR GREATER, THE FLARE EXTENSIONS CAN BE OMITTED." Edit note 2, "SIDEWALK RUNNIG SLOPE TO OF 20:1 (5%) IS PEREFERED WITH ALLOWANCE TO FOLLOW THE ADJACENT ROAD GRADES. SIDEWALK GRADE EXCEEDING THE ADJENT ROAD GRADES OR 5%, MUST THEN MAINTAIN A MAXIMUM ALLOWABLE 12:1 (8.3%) RUNNING SLOPE." Provide a key for material types.
C-4	1	Edited note 2, omitting the word "SHALL".
C-5	1	Added additional note to #3 in reference to concrete apron if not directly adjacent to curb. Delete note 6. 6:1 slope is added to details elsewhere. Remove "TYPE B" from "GABC, TYPE B" in sections A-A, B-B,C-C, D-D. Remove the word "SHALL" from notes.
Section III - DRAINAGE		
D-3	1	Removed metric references, text fonts, and line work levels.
	2	Change sheet title from "PERSONNEL SAFETY GRATES" as item description. Show the footer (hidden line) to not conflict with the flared end detail. Edited all notes to place the directive verb first.
D-R	1	Edit note 6 to include the Detail sheet. Delete note 7. Deleted the word "DETAIL" from Cover Slab column. Removed the pipe from the W wall of the 34"x18" inlet box
D-4	1	Removed the metric units. Added Note No. 9: "Pipe shall extend to be flush with the inside wall of the inlet box in accordance with Section 602.3.B of the Standard Specifications." Added Note No 10: "Install steps in accordance with section 602.3.B when inlets are 4' or deeper from the top of grate to the invert of the lowest pipe." Note edits made for clarifications. Removed "DETAILS" from sheet title and changed index reference or consistency. Edited INTERIOR WALL DIMENSION to definitive measurement in the WALL REINFORCEMENT SCHEDULE. Change INTERIOR WALL DIMENSION from ranges to definitive measurement in the WALL REINFORCEMENT SCHEDULE. Removed the 1-1/2" dimension between the pipe and walls within section B-B and Top View. Note No. 7 states that the pipe opening is to be 3-4" larger diameter than the outside diameter of the pipe and note No. 10 states not to encroach on adjacent walls.
D-5	1	Removed references to metric updated text fonts. Section A-A, moved the opening label to B-B and shown dashed. added note to clarify "for illustrative purpose" Section B-B, type 1 joint changed to type 2 joint as labeled on cover slab details. Removed "(PRECAST)" from "COVER SLAB (PRECAST)". Added temporary drainage opening to top unit Water flow added to PLAN to illustrate the grate orientation The throat opening radii is labeled 4" typical

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	2	Updated text fonts. Added New note No 1: INSTALL TYPE 1 AND 4 DRAINAGE INLET GRATES ONLY IN CONJUNCTION WITH CURB OR CURB & GUTTER.
	3	Bending diagram note revised to "#5 REBAR TO BE CONTINUOUS OR WITH 12" OVERLAP BETWEEN BARS" Added hidden lines to isometric for top unit to define the limit of payment.
	4	Removed "DETAILS" from title and addressed in index accordingly. Eliminated joint from plan views to increase clarity of the rebar. Added note to explain Edited notes for clarification.
	5	Removed "DETAILS" from title and addressed in index accordingly. Eliminated joint from plan views to increase clarity of the rebar. Bending diagram note revised
	6	Removed "DETAILS" from title and addressed in index accordingly.
	7	Removed "DETAILS" from title and addressed in index accordingly. Bending diagram note revised
	8	Note edits for clarification
	9	Added "Min." to some thickness dimensions. Revised max base height to 11'-4". Added #57 Stone for sub-foundation bases for pouring concrete floor. Added note to detail, edited note 8 to accommodate labeling the area of pipe to be removed. Note edits for clarification. Added several notes for cap footing and precast tops to account for top detail labeled as cast-in-place.
D-6	1	Change sheet title to BOX MANHOLE ASSEMBLY. Add note requiring steps per 602.3.B. Replaced term "TOP UNIT" with "GRADE RING" where applicable.
	2	Notes added for clarification. MINIMUM PRECAST ROUND MANHOLE REQUIREMENT chart added to the sheet with additional notes for ADDITIONAL MINIMUM REQUIREMENTS. changed pipe drawing to show flush with the wall Added "recommended" to 4" base toe since this is not always a requirements for precast M199 and is not part of the precast mold. Designer can choose based on presence of groundwater. Pipe tie-ins in the Plan view show a minimum 12" spacing to allow for reinforcement requirements.
	3	Change sheet title to MANHOLE GRADE RING, TOP UNIT, FRAME, AND COVER. General Notes added for clarification. Notes added to Top unit for clarification. Change "TOP UNIT" to "GRADE RING" Added new section for TOP UNIT with reinforcement All #5 rebar on this sheet should be consistent in size and weight.
	4	Change sheet title Eliminated joint from plan views to increase clarity of the rebar. Note edits made for clarification Note No 4 added to include HL-93 loading and AASHTO M-199
	new - 5	New detail for round cover slabs. Rebar calcs and layout completed. Matched edited notes from box manhole cover slab added callout for lip reinforcement (was missing).
D-7	RESERVED/deleted	Junction box without access presents issues with maintenance of the pipe runs and has been removed from the details.
D-8	1	Change sheet title Class A bedding, Change 2000 PSI (MIN) to CLASS C CONCRETE (MIN.) Added END SECTIONS FOR CONCRETE PIPE with a concrete cutoff wall: dimensions 1' deep x 12" wide, with 6" GABC base. Note No 4 allows precast as directed by the engineer. Added Note No. 3: "Use in situ material as approved by the Engineer."
D-9	1	Added the 8" to the isometric view. Note edits made for clarification Delineator location is shown and as this is part of the 2020 Spec for underdrain outlets
D-10	1	Change sheet title Note edits made for clarification.
D-11	RESERVED/deleted	Deleted detail with conjunction of removal of metal material within Section 601 and placement of this application needs to be considered on the plan sheets to not restrict outfall and require a personnel safety grate.
Section IV - EROSION		
E-1	1	Notes edited in accordance to the DNREC details. Note added to the access drive to "connect access drive to the paved or gravel shoulder". Slope and direction is dictated to ensure localized drainage into the washout. 50:1 label added. Revised to 50:1 SLOPE MIN.
E-2	1	Notes and detail edited in accordance to the DNREC details. Edit post reference to 2"x2" HARDWOOD STAKE and made flush with the top of fabric Buried fabric material reduced from 12" to 8" and does not include the fabric shelf. Fasteners have been removed from the connection details. The wire mesh detail spacing for staples increased from 5" to 6".
	2	Notes and detail edited in accordance to the DNREC details. Buried fabric material does not include the fabric shelf. Geotextile fabric material overlap with a 2nd layer has been removed from Section A-A. Post height has been reduced from 33" to 24".

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E-3	1	Notes and detail edited in accordance to the DNREC details. Note No 7 added in reference to the No. 3 stone usage. "Direction of Flow" provided on Plan view.
E-4	1	Notes and detail edited in accordance to the DNREC details. Wood frame removed and replaced with posts and fence in accordance to the DNREC details. Riprap was removed with the reference to low point location as this is a plan note. The maximum height above the existing ground has been removed.
E-5	1	Notes and detail edited in accordance to the DNREC details. Compost Filter Log now shown in Plan View and Section View. Stone option provided in new section view Height of CFL material has been added at 18". The distance from the end of the pipe has been increased from 24" to 6' minimum 2"x2" stakes are labeled at 5' "MAX"
E-6	1	Depth of the cleanout is a referenced depth of 1/3 in accordance to the Standard Specification.
E-8	1	Added Note No. 4: "For any non-typical skimmer outlet connection, the contractor shall submit a shop drawing for Engineer approval."
E-9	1	Reviewed detail, Added sheet 2 on title for CFL
	new - 2	New Detail for Compost Filter Log 2"x2" stakes are labeled at 5' "MAX"
E-10	1	Notes and detail edited in accordance to the DNREC details. Added Hold-down stakes for the pipe with note made for a minimum of 2 sets. Replaced Note No. 3 with the following: "All temporary slope drains shall have a minimum of 3 hold down stakes spaced evenly throughout the whole length beginning at the pipe outlet into the R-4 Riprap." Added the dimensions to the outfall R-4 Riprap that matches the DNREC details and depth that meets the material limitations. The outfall riprap is shown as a surface placement to limit the land disturbance.
E-11	RESERVED/deleted	Plan sheets or duration will determine stabilization, detail not necessary.
E-12	RESERVED/deleted	Erosion control blanket is to be used from the approved product list and installed per the to be installed per the manufacturer's recommendations
E-13	RESERVED/deleted	Install per the manufacturer's recommendations
E-17	1	Replaced "MAXIMUM CAPACITY" in section A-A to "STREAM BASE FLOW".
E-19	1	Notes and detail edited in accordance to the DNREC details. Removed from detail: the Float, 6" min. freeboard, and slope for the well. The depth of the riprap is shown on the surface with 9" minimum material depth. Added note No. 2: "No streambed material shall be allowed to pass through the dewatering hose."
E-21	1	Change sheet title Adjusted geotextile lapping to not show under the road section.
Section VI - MISCELLANEOUS		
M-1	1	Change term "Corner or Pull Post" to "Terminal Post".
M-2	1	Note edits made for clarification, including no chamfer on monument when placed in bituminous or PCC Added the triangle with "X" symbol on aluminum cap stamp.
M-3	1	Change sheet title Detail edits made to the Plan views to provide sidewalk and shared-use path details: *Removed the reference to the pedestrian connection features from the shared-use path view. *Removed notes that were duplicated reference to pedestrian facilities. Added shared-use path and sidewalk typical sections with clearance and offset references as they are stated within the Standard Specification and reference manuals/standards as follows: *DE MUTCD fig 9B-1 PAS fig 3.2 and 3.7.3 *3.7.3 PAS ref. 120" vegetation at final acceptance for SUP *Standard Spec section 201 of the proposed 2020 manual Typical sections show the material depth and 6:1 side slopes
M-5	1	Change sheet title Metric references removed. Note edits made for clarification. New Note No. 4 added: Fence to be located outside of clear zone or along low speed areas as directed by the engineer.
M-6	1	Change sheet title Note edits made for clarification.
M-7	1	Change sheet title Metric references removed. Note edits made for clarification. New Note No. 8 added: to locate outside of clear zone
M-9	1	Change sheet title All Notes, edits made to match the PAS requirements. Curb shading was completed to illustrate the material difference Bus stop Pad, Type 3 is without curb and illustrates the area Infront of the detectable warnings per the pedestrian connection details. dimensions were adjusted to keep the desired 10' depth. Separation between the shoulder and DWS is shown. Provide a key for material types. Removed Section B-B
	2	Change sheet title All Notes, edits made to match the PAS requirements. Curb shading was completed to illustrate the material difference Provide a key for material types. Removed Section B-B

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M-11	1	Note edits made for clarification.
M-12	1	Matched the 10' transition and slopes on the departure as shown on the approach
M-13 - new	new - 1	new detail added: Temporary Pedestrian Pathway with wood floor/rail and temporary material according to section 301 of the standard spec.
Section VII - PAVEMENT		
P-1	1	Change sheet title Slab Length changes from 20' to 15'. Removed metric measurement references. Added Note No. 6: "Curb without gutter will require type IV polyurethane-bonded recycled rubber expansion material between the face of curb and the edge of PCC pavement."
	2	Change sheet title Note edits made for clarification. Sealant Reservoir Detail updated to show 1/4" width and concaved for hot-pour material without backer-rod. Removed the backer rod. Removed Note No. 10: "Dimension for transverse joints is 3/8" and dimension for longitudinal joints is 1/4"."
	3	Change sheet title Removed metric references replaced P.C.C. with PCC.
	4	Change sheet title Removed metric references replaced P.C.C. with PCC. Dimensions the basket at 3" and the dowel at 6" from the edge of slab.
	5	Change sheet title Removed metric references replaced P.C.C. with PCC.
P-2	1	Change sheet title Removed metric references Replace the title P.C.C. with PCC.
	2	Change sheet title Removed metric references Replace the title P.C.C. with PCC.
	3	Change sheet title Note edits made for clarification. Sealant Reservoir Detail updated match the P1 and with a single view, sheet 2 to show 1/4" width and concaved for hot-pour material without backer-rod. Added the dowel bar chart.
	4	Change sheet title Removed metric references replaced P.C.C. with PCC.
	5	Change sheet title Removed metric references replaced P.C.C. with PCC. Note edits for clarification
P-4	1	Change sheet title Replace the pipe with a single pipe with reference to pipe installation in accordance to section 601 and the contract plans. Ref DGM 1-20 for minimum cover Added bedding below the pipe and deleted note No. 3. Label Joints/saw cuts for sealing Removed 2' depth dimension, added minimum cover chart from DGM NO. 1-20.
P-6	1	Added a second view with minimum shoulder and lane width requirements. Show the desired angle of 30 degrees and added note No 2 with the minimum and maximum range allowance for the wedge Chart edit made for bituminous concrete >1-1/4" and to state "bituminous concrete pavement final wearing course" Note No 1 edit made for clarification of the 2 views. View shading made for clarification.
Section VIII - TRAFFIC		
T-1	1	Added note No. 5: "Area around the junction well shall be backfilled with borrow type C material to the required elevation in accordance with section 207. Excess and unsuitable material shall be disposed per section 106.8."
	2	Added note No. 4: "Area around the junction well shall be backfilled with borrow type C material to the required elevation in accordance with section 207. Excess and unsuitable material shall be disposed per section 106.8."
	3	Added note No. 4: "Area around the junction well shall be backfilled with borrow type C material to the required elevation in accordance with section 207. Excess and unsuitable material shall be disposed per section 106.8."
	new - 4	Relocated Detail T-13: Conduit junction Well, Type 7 Added note No. 4: "Area around the junction well shall be backfilled with borrow type C material to the required elevation in accordance with section 207. Excess and unsuitable material shall be disposed per section 106.8."
T-3	RESERVED/deleted	Removed the following Junction Well types 11, 14 and 15.
T-4	1	Title sheet change to include "K" cabinet base Notes have been revised. Cabinet "M" detail included "M" & "K". Dimensions for the base have increased and changed with the total width now at 84".

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	2	Notes have been revised. Deleted concrete apron from Section B-B and replaced with 2" settlement. Changed Section B-B dimension from 'FLUSH TO 2" MAX (AFTER SETTLEMENT)' to '2" MAX' Dimensions for the base have increased and changed with the total width now at 84".
T-5	2	Added notes for detail clarification Bolt heights vary in accordance with note No. 6.
	3	Added notes for detail clarification Added Typical Installation view Show grading on Typical Installation view Bolt heights vary in accordance with note No. 6.
	4	Updated bolt size for Pole base 4A to match the bolt size and type of the cabinet base details.
T-6	RESERVED/deleted	Remove the Special Pole base
T-7	RESERVED/deleted	Remove the Sign Foundation. Reviewing this detail for future updates
T-8	1	Note No. 5 was deleted and replaced by the existing note No. 6.
	2	Note No. 5 was deleted.
	3	Note No. 5 was deleted.
	4	Note No. 5 was deleted and replaced by the existing note No. 6. Borrow Type C is labeled for the excavation area.
T-9	1	Added note No. 5: "During multiple loop installations, all loop lead-ins to the junction well shall offset 12" from each other." Angle for Loop Detector Sawcut Typical has been provided at 135 degree.
	2	Removed Note No. 2. Lane assignments have been adjusted for west and east bound directions.
	3	Added the conductor cable color Orange.
	new - 4	new detail added: Wiring Installation Typical Signal Wire color from "Solid Yellow" to "Solid Orange"
T-10	RESERVED	removed in 2017
T-11	1	Removed the metric dimensions.
T-11	2	Removed the metric dimensions.
T-12	1	Removed the metric dimensions. updated the text in Note #1 from "T-14" to "T-12"
T-12	2	Removed the metric dimensions. Corrected the spelling in notes from "INSTALLTION" to "INSTALLATION"
T-12	3 - NEW	new detail added: Dead End Messenger Wire Attachment Added Strain Insulators to detail and labeled them. Notes for detail clarification.
T-13	RESERVED/deleted	Relocated and made edits to Conduit Junction Well, Type 7 to T-, sheet 4
T-14	1	Removed the metric dimensions.
T-14	2	Removed the metric dimensions. Updated identifier: changed "MUST" to "SHALL"
T-16	1	Change sheet title Removed the metric dimensions. Added Note No. 1 to label the crash testing and acceptable placements. Note edits made for clarification
T-17	1	Expanded the Service Pedestals with 4 sheets: new detail: 100 AMP Electrical Service Pedestal - Signal & ITS Component installations (3+ Devices) Notes added for clarification
	new - 2	new detail: 100 AMP Electrical Service Pedestal - Signal & ITS Component installations (CONDENSED) Notes added for clarification
	new - 3	new detail: 100 AMP Electrical Service Pedestal - Signal & ITS Component installations (UP TO 2 DEVICES) Notes added for clarification
	new - 4	new detail: 200 AMP Electrical Service Pedestal - Standard Lighting Component installations Notes added for clarification
	new - 5	new detail: Electrical Service Pedestal - Standard Lighting Component installations (12 OR LESS FIXTURES) Notes added for clarification
T-18 - new	new - 1	new detail added: Pedestrian Pushbutton Location - Pushbutton Assembly Location on Pole
	new - 2	new detail added: Pedestrian Pushbutton Location - Sign Attachment