

ITEM 615, ROADS FOR MAINTAINING TRAFFIC

ROADS FOR MAINTAINING TRAFFIC WILL BE REQUIRED AT VARIOUS LOCATIONS AS SHOWN IN THE PLANS, AND SHALL BE CONSTRUCTED ACCORDING TO CMS 615 AND AS DETAILED IN THE PLANS. WHEREVER "CROSSOVER OR TEMPORARY RAMP" IS SHOWN IN THE PLANS, PAYMENT SHALL BE MADE UNDER "ROADS FOR MAINTAINING TRAFFIC".

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GRADING, EMBANKMENT, EXCAVATION, MATERIALS, AND OTHER INCIDENTALS WHICH ARE REQUIRED TO PROVIDE AND MAINTAIN A SAFE DRIVING SURFACE, AS APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY GRADING AND DRAINAGE FACILITIES DEEMED NECESSARY TO MAINTAIN ADEQUATE AND POSITIVE DRAINAGE THROUGH THE WORK ZONE, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN, TEMPORARILY RELOCATE, OR ADJUST TO TEMPORARY GRADE ALL TOPOGRAPHIC ELEMENTS WITHIN THE WORK LIMITS INCLUDING BUT NOT LIMITED TO; WATER METER PITS, MANHOLES, CATCH BASINS, INLETS, SIGNS, LANDSCAPED AREAS, LIGHTING FEATURES, AND OTHER UTILITY APPURTENANCES AS DIRECTED BY THE ENGINEER.

TEMPORARY DRAINAGE FACILITIES, WHERE SHOWN IN THE PLANS, ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHERE TEMPORARY DRAINAGE IS NEEDED, ACTUAL TEMPORARY DRAINAGE CHARACTERISTICS INCLUDING SIZE AND DIMENSIONS, INCLUDING BARRIER PROTECTION AND TEMPORARY SHEETING, WHERE NEEDED TO KEEP SIDE SLOPES FROM INTERFERING WITH OTHER CONSTRUCTION ACTIVITIES AND/OR THE TRAVELING PUBLIC.

FOLLOWING CONSTRUCTION OF PAVEMENTS AND ROADS FOR MAINTAINING TRAFFIC, TEMPORARY FACILITIES SHALL BE REMOVED AS PER CMS 615.08, AND THE EXISTING TOPOGRAPHY SHALL BE RESTORED, UNLESS OTHERWISE SPECIFIED IN THE PLANS.

ALL GUARDRAIL WORK (REMOVAL/INSTALLATION OF TEMPORARY GUARDRAIL, REMOVAL/REINSTALLATION OF EXISTING GUARDRAIL) IS INCIDENTAL TO THIS ITEM PER CMS 615.04.

PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND OTHER INCIDENTALS FOR ROADS FOR MAINTAINING TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 615, ROADS FOR MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLANS.

ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN

EXISTING SHOULDERS THAT ARE TO BE RECONSTRUCTED PRIOR TO SHIFTING TRAFFIC ONTO THEM WILL BE COVERED UNDER ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN. THIS WORK IS DETAILED IN THE PLANS ON SHEETS P.049 AND P.050.

ALL WORK SHALL CONFORM TO CMS 615 EXCEPT WORK AS DETAILED BELOW. EXISTING SHOULDERS TO BE RECONSTRUCTED SHALL FIRST BE PLANED 9 INCHES ON RIGID PAVEMENT AND 8.5 INCHES ON FLEXIBLE PAVEMENT, DOWN TO THE EXISTING ITEM 304 (AGGREGATE BASE WHICH WILL REMAIN IN PLACE). THEY SHALL THEN BE REPAVED WITH CLASS A PAVEMENT PER ITEM 615. PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, INSTALLATION OF TEMPORARY PAVEMENT WITHIN THE EXISTING SHOULDER FOOTPRINT SHALL BE INCIDENTAL TO CONTRACT PRICE FOR ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN.

PAYMENT WILL NOT BE MADE FOR REMOVAL OF TEMPORARY PAVEMENT INSTALLED UNDER THIS ITEM.

ITEM 622, BARRIER MISC.: TEMPORARY BARRIER, ANCHORED AS PER PLAN

THIS ITEM SHALL COMPLY TO ITEM 622 EXCEPT IN THE FOLLOWING SITUATIONS: IN LOCATIONS WHERE THE CONTRACTOR IS REQUIRED TO PLACE THE TEMPORARY BARRIER LESS THAN 1' FROM THE EDGE OF THE BRIDGE DECK TO THE NEAREST TOE OF THE BARRIER, CONTRACTOR IS TO UTILIZE ODOT APPROVED ALTERNATIVE TO THE PCB-91. J-J HOOKS F-SHAPE TEMPORARY CONCRETE BARRIER (BOLTED & PINNED) AS MANUFACTURED BY EASI-SET WORLDWIDE, A PROPRIETARY PRODUCT THAT CAN BE USED IN LIEU OF PCB-91 AND RM-4.2. CONTRACTOR MUST PROVIDE ANCHORAGE PER MANUFACTURER'S RECOMMENDATIONS BASED ON LENGTH OF BARRIER SEGMENTS USED. REFER TO ODOT'S ROADWAY APPROVED PRODUCTS LISTS FOR ADDITIONAL DETAILS.

PAYMENT FOR THE LABOR, MATERIALS, INSTALLATION, MAINTENANCE AND REMOVAL COSTS OF THESE ITEMS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 622 - BARRIER, MISC.: TEMPORARY BARRIER, ANCHORED, AS PER PLAN.

APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION(S)

PORTIONS OF THE MOT PLANS AS DESCRIBED BELOW HAVE APPROVED MOT EXCEPTIONS PER TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

APPROVED MOT EXCEPTION(S) INCLUDE:  
**8 TOTAL NIGHTLY CLOSURES OF 71 NB**  
-2 NIGHTTIME CLOSURES OF I-71 NB DEMO - RAMP K BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 NB DEMO - RAMP O BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 NB FOR BEAM SETTING - RAMP K BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 NB FOR BEAM SETTING - RAMP O BRIDGE

**8 TOTAL NIGHTLY CLOSURES OF 71 SB**  
-2 NIGHTTIME CLOSURES OF I-71 SB DEMO - RAMP K BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 SB DEMO - RAMP O BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 SB FOR BEAM SETTING - RAMP K BRIDGE  
-2 NIGHTTIME CLOSURES OF I-71 SB FOR BEAM SETTING - RAMP O BRIDGE

CLOSURES SHALL OCCUR BETWEEN 11PM AND 5AM  
WORK ZONE QUEUE DETECTION WARNING SYSTEM SHALL BE USED IN CONJUNCTION WITH THE CLOSURES. LOCATION OF THE SYSTEM WILL BE ESTABLISHED AT THE MAINTENANCE OF TRAFFIC MEETING.

A MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD A MINIMUM OF 30 CALENDAR DAYS PRIOR TO IMPLEMENTATION OF EACH APPROVED MOT EXCEPTION. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER AS WELL AS THE CONTRACTOR, WORKSITE TRAFFIC SUPERVISOR (WTS) AND ANY SUBCONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL.

IN ADDITION TO ANY NOTIFICATIONS REQUIRED IN OTHER NOTES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST 3 BUSINESS DAYS IN ADVANCE OF IMPLEMENTATION OF THE APPROVED MOT EXCEPTIONS REFERENCED ABOVE SO THAT THE PROJECT ENGINEER CAN SEND EMAIL NOTIFICATION TO THE OFFICE OF ROADWAY ENGINEERING, STATEWIDE TMC, DWZTM AND SPECIAL HAULING PERMITS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE IMPLEMENTATION OF THE APPROVED MOT EXCEPTIONS REFERENCED ABOVE. REFERENCE "EXCEPTION REQUEST APPROVAL DATED 06/05/2024 FOR PID 105435" IN THE NOTIFICATION AND OTHER CORRESPONDENCE.

ANY CHANGES TO THE MOT THAT IMPACT THE PREVIOUSLY APPROVED MOT EXCEPTIONS LISTED ABOVE SHALL BE APPROVED IN WRITING BY THE MOT EXCEPTION COMMITTEE (MOTEC). IN THE EVENT THAT SUCH CHANGES ARE PROPOSED, THE REQUEST SHALL BE COORDINATED THROUGH THE DISTRICT WORK ZONE TRAFFIC MANAGER (DWZTM) A MINIMUM OF 30 CALENDAR DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE. IF THE DISTRICT AGREES WITH THE PROPOSED CHANGES THE DWZTM SHALL SEEK APPROVAL FROM THE MOTEC. IN THE EVENT THE PROPOSED CHANGES ARE APPROVED IN WRITING, THE CLOSURES ARE STILL SUBJECT TO NOTIFICATION REQUIREMENTS WITHIN THIS NOTE PRIOR TO IMPLEMENTATION.

LANE VALUE CONTRACT TABLE

THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME A LANE/SHOULDER/RAMP IS CLOSED BY THE CONTRACTOR'S ACTION WHILE NOT OTHERWISE PERMITTED BY THE LANE VALUE CONTRACT TABLE.

LANE VALUE CONTRACT TABLE						
FRA-71						
SECTION (SLM)	EXISTING NUMBER OF LANES PER DIRECTION	LANE CLOSURES ARE NOT PERMITTED:				DISINCENTIVE AMOUNTS PER MINUTE PER LANE
		LANE REDUCTION	MON TO FRI	SAT	SUN	
MORES ROAD (24.51) TO SR 161 (26.46)	3	3 TO 2	5AM-8PM	9AM-7PM	9AM-7PM	\$430
		3 TO 1	5AM-10PM	6AM-9PM	6AM-9PM	\$430
SR 161 (26.46 TO I-270 (27.76)	4	4 TO 3	5AM-9AM & 3PM-6PM	NO RESTRICTION	NO RESTRICTION	\$295
		4 TO 2	5AM-8PM	7AM-9AM & 2PM-7PM	7AM-9AM & 2PM-7PM	\$295
		4 TO 1	5AM-11PM	6AM-10PM	6AM-10PM	\$295
ALT I-270 (NORTH SIDE) (27.76 - 28.92)	3	3 TO 2	5AM-8PM	7AM-9AM & 2PM-7PM	7AM-9AM & 2PM-7PM	\$365
		3 TO 1	5AM-11PM	6AM-10PM	6AM-10PM	\$365
I-270 (NORTH SIDE) (28.92) TO DELAWARE COUNTY LINE (29.90)	4	4 TO 3	5AM-9AM & 3PM-6PM	NO RESTRICTION	NO RESTRICTION	\$440
		4 TO 2	5AM-8PM	7AM-9AM & 2PM-7PM	7AM-9AM & 2PM-10PM	\$440
		4 TO 1	5AM-11PM	5AM-11PM	5AM-11PM	\$440
SHORT TERM SHOULDER CLOSURES ARE NOT PERMITTED 5AM-9AM AND 3PM-6PM MONDAY-FRIDAY						

LANE VALUE CONTRACT TABLE						
FRA-270						
SECTION (SLM)	EXISTING NUMBER OF LANES PER DIRECTION	LANE CLOSURES ARE NOT PERMITTED:				DISINCENTIVE AMOUNTS PER MINUTE PER LANE
		LANE REDUCTION	MON TO FRI	SAT	SUN	
LINWORTH ROAD (22.42) TO EAST OF US 23 (24.13)	4	4 TO 3	5AM-9AM & 2PM-7PM	7AM-9AM & 3PM-6PM	7AM-9AM & 3PM-6PM	\$370
		4 TO 2	5AM-9PM	6AM-8PM	6AM-8PM	\$370
		4 TO 1	5AM-11PM	6AM-10PM	6AM-10PM	\$370
US 23 (24.13) TO I-71 (25.51)	6	6 TO 5	5AM-9AM & 2PM-7PM	NO RESTRICTION	NO RESTRICTION	\$270
		6 TO 4	5AM-9AM & 2PM-7PM	NO RESTRICTION	NO RESTRICTION	\$270
		6 TO 3	5AM-8PM	6AM-7PM	6AM-7PM	\$270
		6 TO 2	5AM-8PM	6AM-7PM	6AM-7PM	\$270
		6 TO 1	5AM-10PM	6AM-9PM	6AM-9PM	\$270
I-71 (25.51) TO SR 3 (28.95)	4	4 TO 3	5AM-9AM & 2PM-7PM	11AM-5PM	11AM-5PM	\$390
		4 TO 2	5AM-8PM	9AM-8PM	10AM-8PM	\$390
		4 TO 1	5AM-10PM	7AM-10PM	8AM-10PM	\$390
SHORT TERM SHOULDER CLOSURES ARE NOT PERMITTED 5AM-9AM AND 3PM-7PM MONDAY-FRIDAY						

DESIGN AGENCY



DESIGNER

ACS

REVIEWER

JDH 09/06/24

PROJECT ID

105435

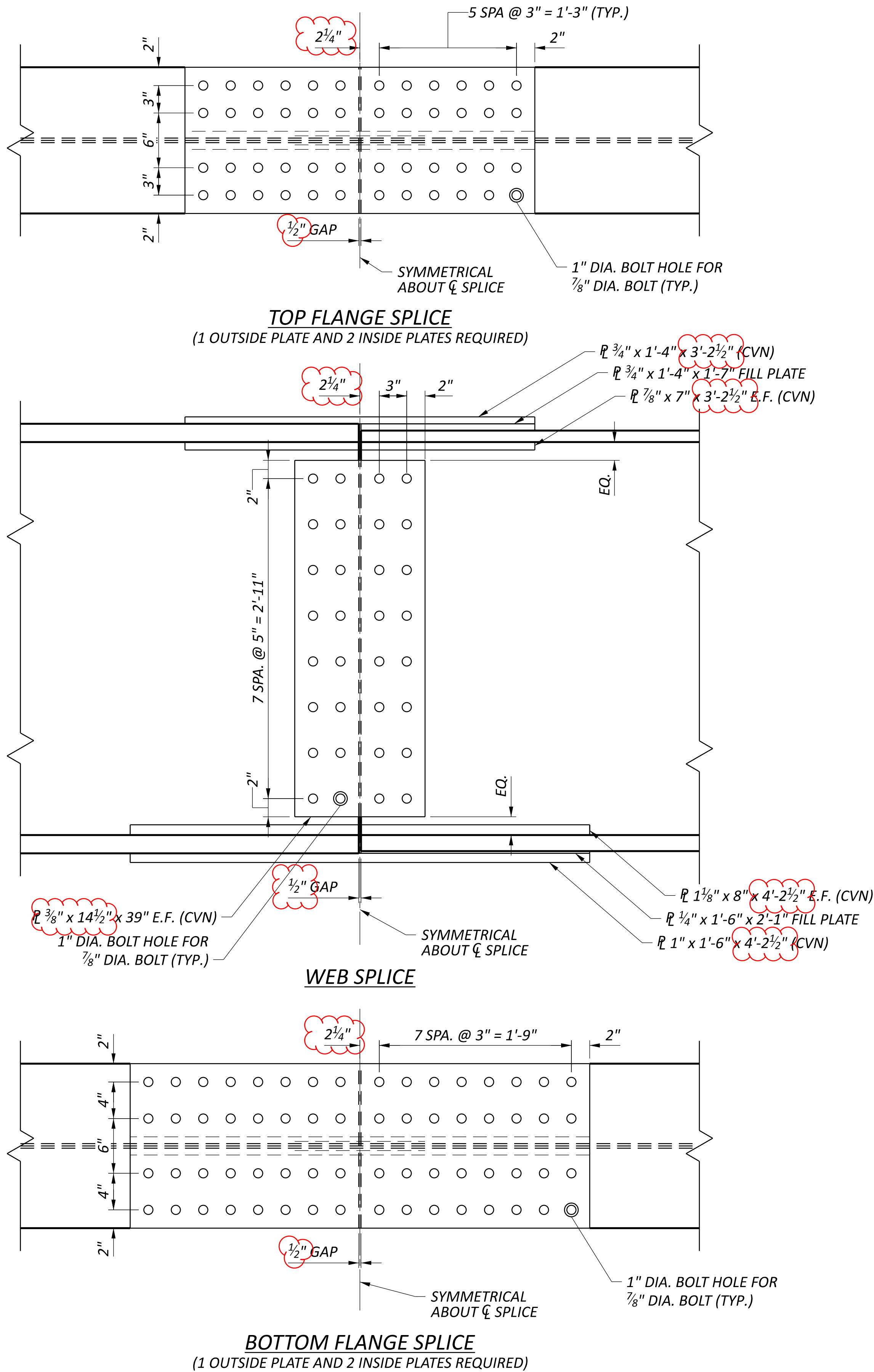
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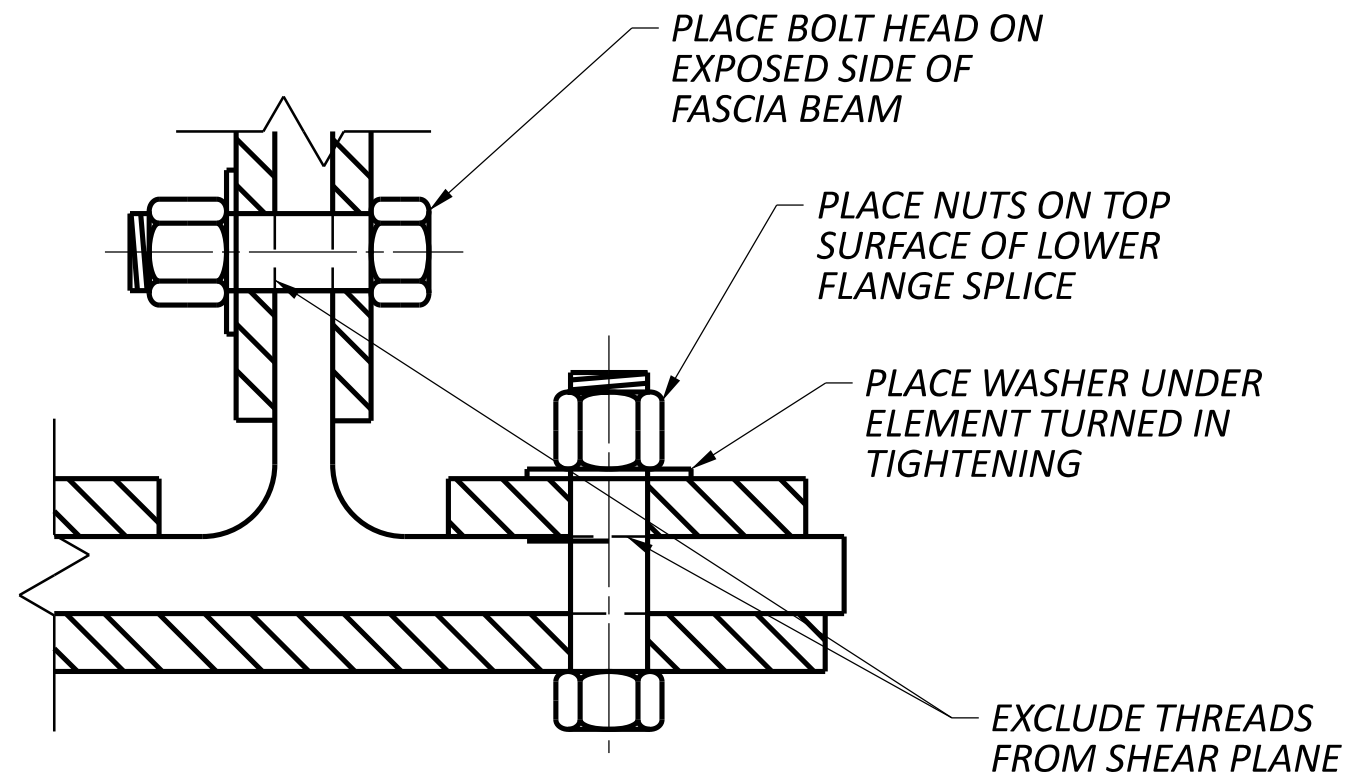
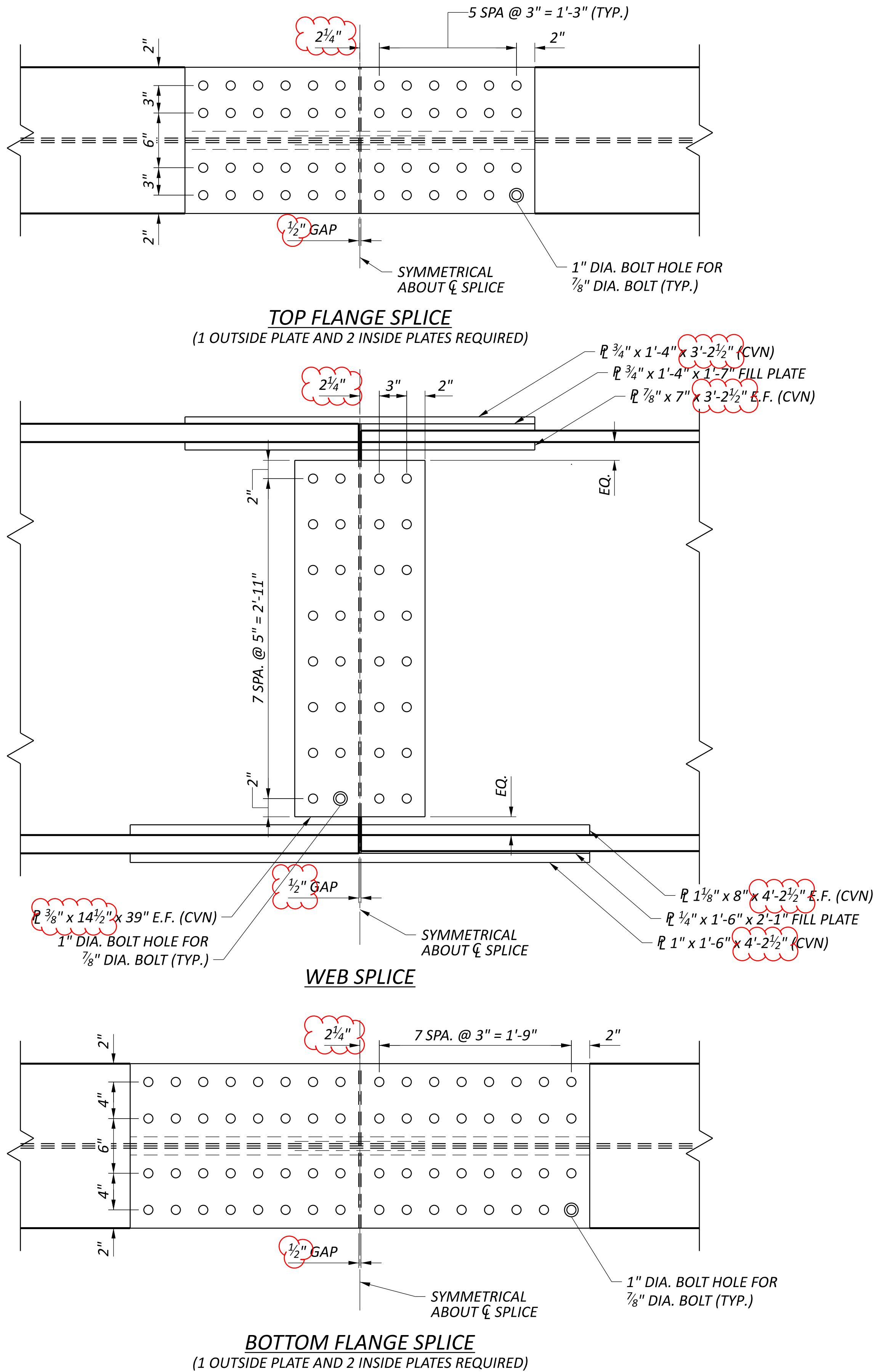
P.030

TOTAL

791



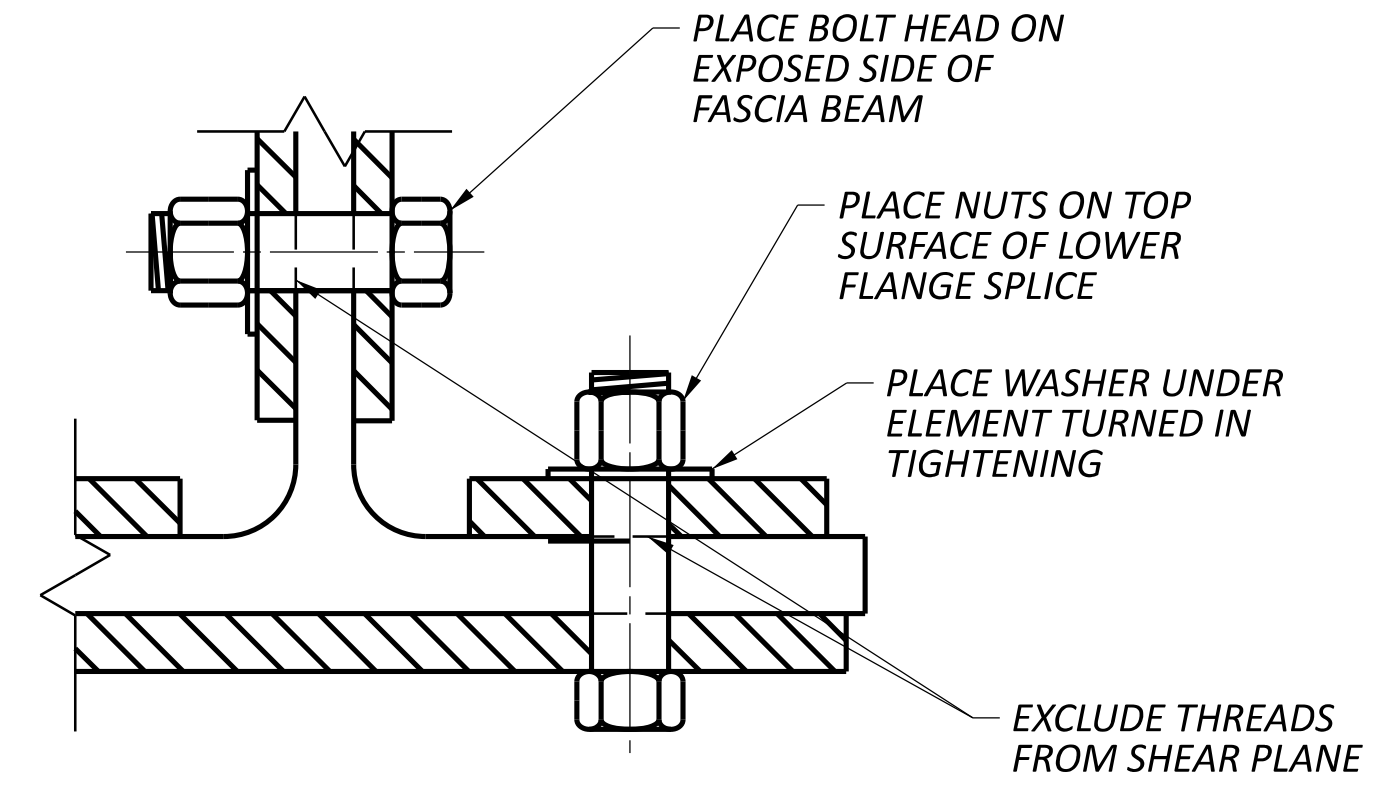
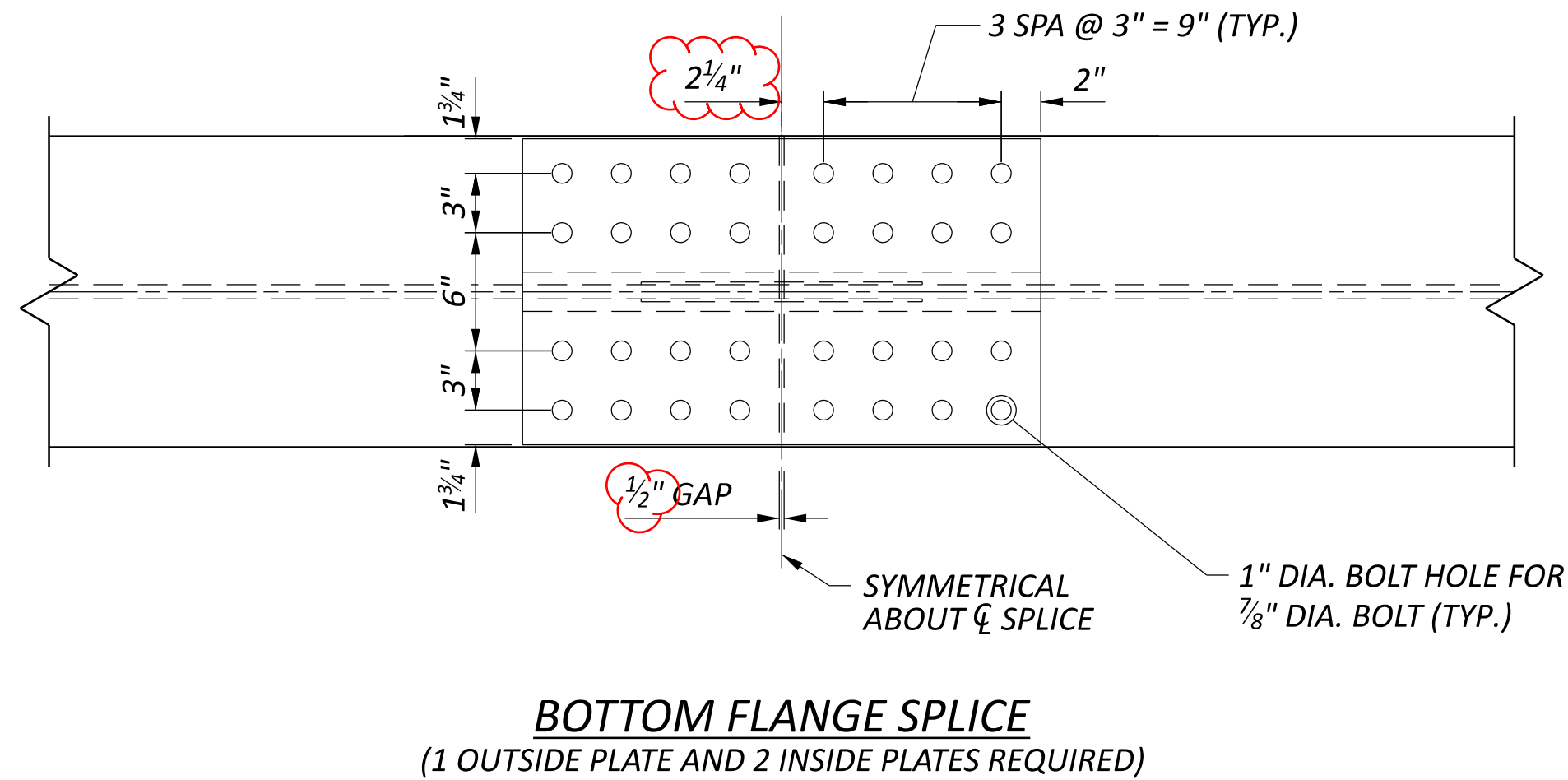
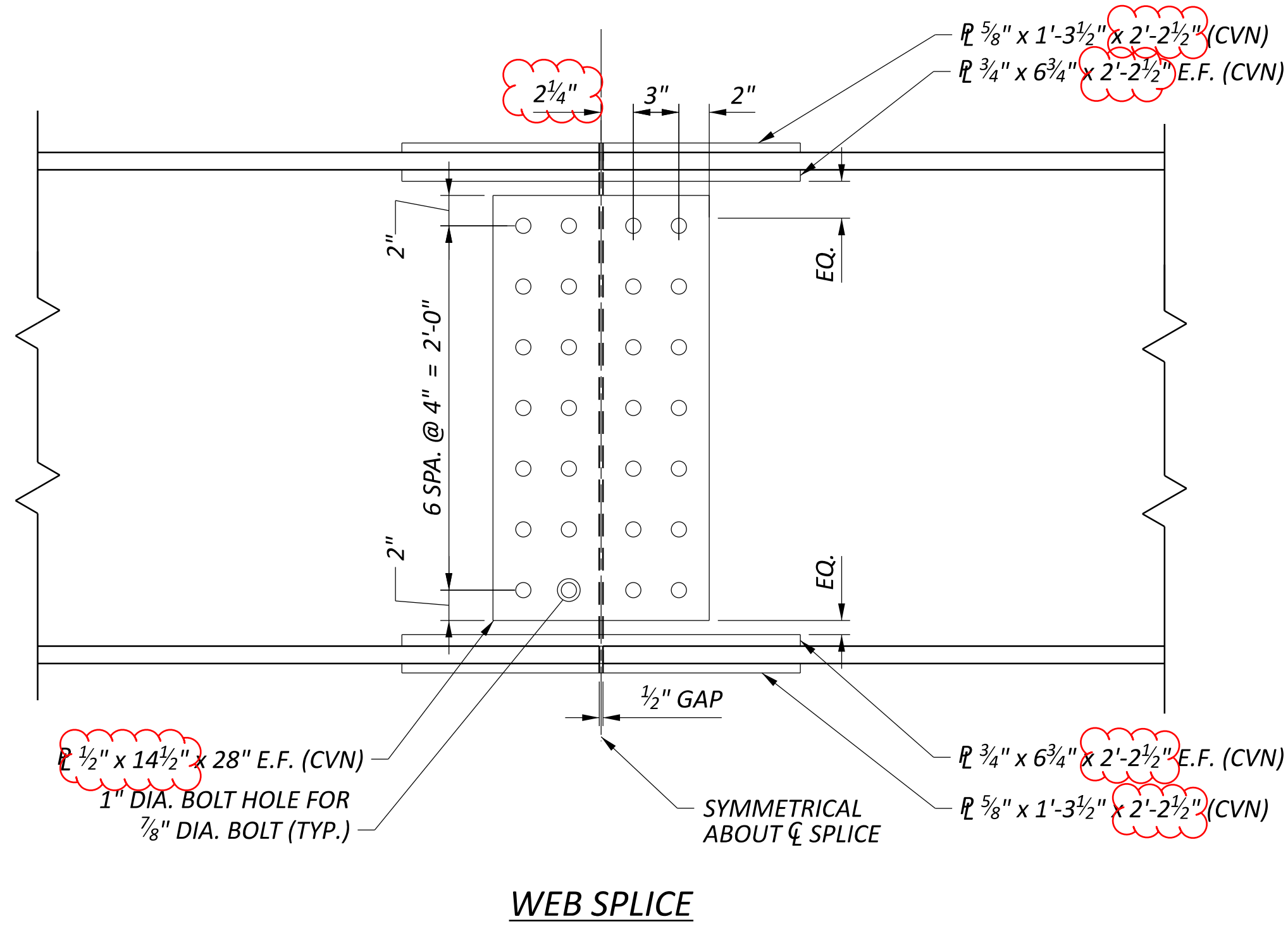
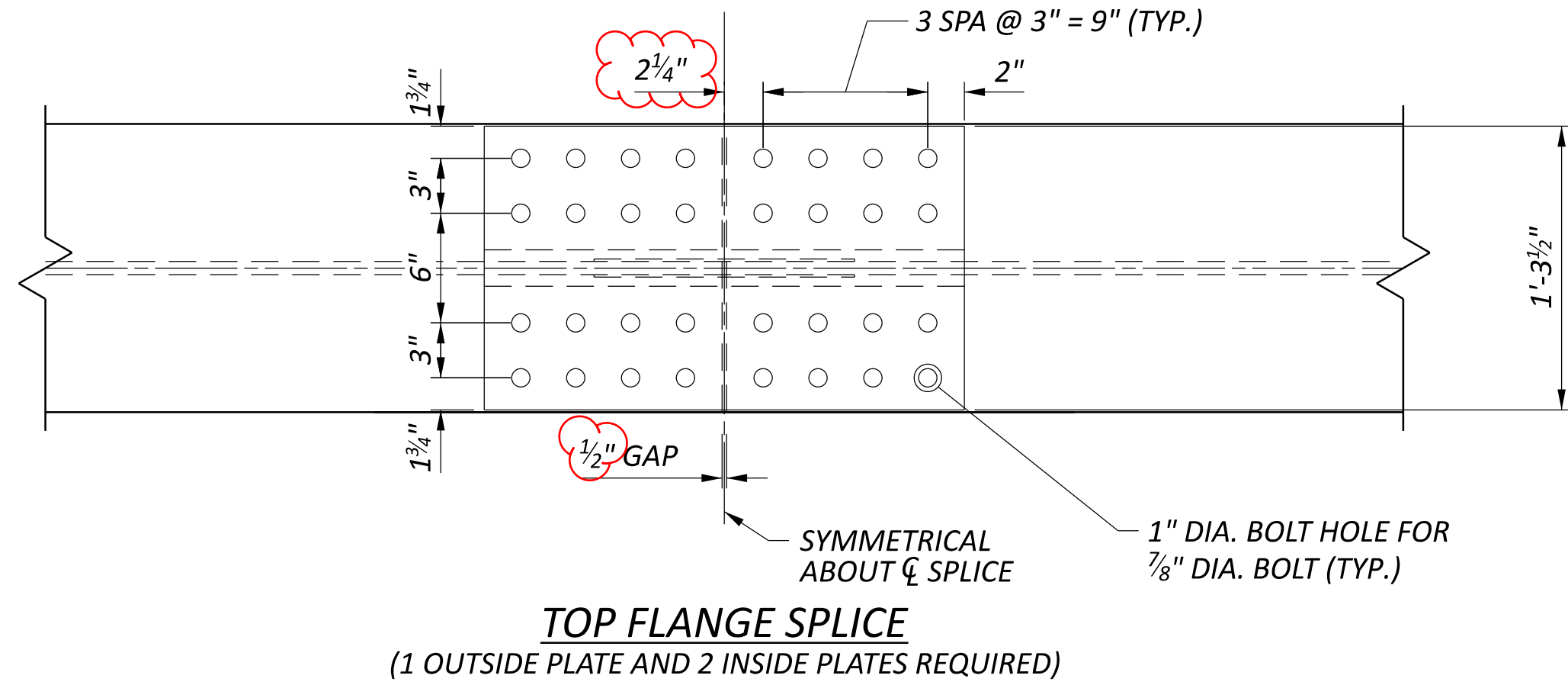




BOLT ORIENTATION DETAIL

NOTES:

- DETAILS FOR FIELD SPLICE 2 SHOWN. ALL OTHER FIELD SPLICES ARE SIMILAR OR OPPOSITE HAND.
- ALL BOLTS SHALL BE 7/8" DIA. ASTM F3125 GRADE A325, TYPE 1 WITH THREADS EXCLUDED FROM THE SHEAR PLANES.
- ALL SPLICE PLATES SHALL BE ASTM A709 GRADE 50.
- FOR GENERAL NOTES, SEE SHEETS 3 AND 4 OF 48.
- FOR DEFLECTION AND CAMBER, SEE SHEET 30 OF 48.
- FOR FIELD SPLICE LOCATION AND ADDITIONAL FRAMING DETAILS, SEE SHEET 28 OF 48.
- CVN: WHERE A PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS SPECIFIED IN CMS 711.01.

**BOLT ORIENTATION DETAIL****NOTES:**

- DETAILS FOR FIELD SPLICE 1 SHOWN. ALL OTHER FIELD SPLICES ARE SIMILAR.
- ALL BOLTS SHALL BE 7/8" DIA. ASTM F3125 GRADE A325, TYPE 1 WITH THREADS EXCLUDED FROM THE SHEAR PLANES.
- ALL SPLICE PLATES SHALL BE ASTM A709 GRADE 50W.
- FOR GENERAL NOTES, SEE SHEETS 3 AND 4 OF 47.
- FOR DEFLECTION AND CAMBER, SEE SHEET 32 OF 47.
- FOR FIELD SPLICE LOCATION AND ADDITIONAL FRAMING DETAILS, SEE SHEET 27 OF 47.
- CVN: WHERE A PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS SPECIFIED IN CMS 711.01.

**FIELD SPLICE DETAILS**

BRIDGE NO. FRA-00270-25.990A

RAMP K IR-270 WB TO IR-71 SB OVER RAMP O IR-71 NB TO IR-270 WB

SFN

2511460

DESIGN AGENCY

**TRANSYSTEMS**  
1100 SUPERIOR AVE., STE. 1000  
CLEVELAND, OHIO 44114

DESIGNER

EA

CHECKER

HLD

REVIEWER

NFF 06/21/24

PROJECT ID

105435

SUBSET TOTAL

28 47

SHEET TOTAL

P.722 791