

ITEM 614, MAINTAINING TRAFFIC

CLA-068-0773R

RAMP F (U.S. 40 WEST TO U.S. 68 NORTH) OVER INDIANA & OHIO RAILWAY (IORY) IS TO BE DETOURED FOR NO MORE THAN 30 DAYS. CLOSE RAMP F PER MT-98.29.

DETOUR ROUTE: U.S. 40 (W NATIONAL ROAD) - S.R. 369 (S TECUMSEH RD) - S.R. 4 - U.S. 40 (W. MAIN ST) - U.S. 68. SEE DETOUR MAP AND SIGNS ON SHEETS 6-7.

INDIANA & OHIO RAILWAY: RAILROAD FLAGGER REQUIRES RAILROAD COORDINATION.

CLA-675-0079

GENERAL
HADDIX RD: TRAFFIC WILL BE MAINTAINED AT ALL TIMES.
I.R. 675: TRAFFIC WILL BE MAINTAINED AT ALL TIMES, EXCEPT AS DESCRIBED BELOW, USING STANDARD DRAWINGS MT-95.30, MT-95.45 AND MT-98.10.

TEMPORARY MINIMUM VERTICAL CLEARANCES:
SOUTHBOUND I.R. 675 = 15'-11"
NORTHBOUND I.R. 675 = 16'-6"

PHASE 1 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE I.R. 675 NORTHBOUND LANE LINE TO THE FORWARD ABUTMENT OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY.

CLOSE THE I.R. 675 NORTHBOUND OUTSIDE SHOULDER USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS FOR DURATION OF WORK.

PHASE 2 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE I.R. 675 SOUTHBOUND LANE LINE TO THE I.R. 675 NORTHBOUND LANE LINE OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY.

CLOSE THE I.R. 675 INSIDE SHOULDER(S) USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS IN THE MEDIAN FOR DURATION OF WORK.

PHASE 3 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE REAR ABUTMENT TO THE I.R. 675 SOUTHBOUND LANE LINE OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 AND MT-98.10 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY. MAINTAIN THE I.R. 70 EASTBOUND TO I.R. 675 SOUTHBOUND ENTRANCE RAMP TRAFFIC AT ALL TIMES PER MT-98.10.

PER MT-95.30, I.R. 675 SOUTHBOUND OUTSIDE SHOULDER AND LANE CLOSURE STARTS AT THE GORE OF I.R. 675 SOUTHBOUND RAMP TO I.R. 70 EASTBOUND.

PER MT-98.10, I.R. 675 SOUTHBOUND ON-RAMP DECISION SIGHT DISTANCE STARTS AT THE GORE OF I.R. 70 EASTBOUND TO I.R. 675 SOUTHBOUND RAMP. MERGING TAPER ENDS AT STRUCTURE CLA-675-0079. MERGING TAPER STARTS AT THE MIDPOINT BETWEEN START OF THE DECISION POINT AND MERGING TAPER END.

CLOSE THE I.R. 675 SOUTHBOUND OUTSIDE SHOULDER USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS FOR DURATION OF WORK.

MOT-075-0259

RAMP U OVER I.R. 75 (I.R. 75 SOUTH TO I.R. 675 NORTH)

RAMP U: TRAFFIC TO BE MAINTAINED AT ALL TIMES.
I.R. 75: TRAFFIC TO BE MAINTAINED AT ALL TIMES.

PAINT EQUIPMENT STAGING TO BE IN THE MEDIAN BEHIND EXISTING GUARDRAILS.

MOT-675-0296

GENERAL
MCEWEN RD: TRAFFIC WILL BE MAINTAINED AT ALL TIMES.
I.R. 675: TRAFFIC WILL BE MAINTAINED AT ALL TIMES, EXCEPT AS DESCRIBED BELOW, USING STANDARD DRAWING MT-95.30 AND MT-95.45.

TEMPORARY MINIMUM VERTICAL CLEARANCES:
MAINTAIN MINIMUM VERTICAL CLEARANCE AS LISTED ON P.15.

PHASE 1 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE REAR ABUTMENT TO THE I.R. 675 NORTHBOUND OUTSIDE LANE LINE OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY. MAINTAIN THE YANKEE ST TO I.R. 675 NORTHBOUND ENTRANCE RAMP TRAFFIC AT ALL TIMES BY REDUCING THE BUFFER SPACE, STARTING THE MERGE TAPER AT THE END OF THE ENTRANCE RAMP TAPER.

CLOSE THE I.R. 675 NORTHBOUND OUTSIDE SHOULDER USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS FOR DURATION OF WORK.

PHASE 2 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE I.R. 675 NORTHBOUND OUTSIDE LANE LINE TO THE I.R. 675 SOUTHBOUND OUTSIDE LANE LINE OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY.

CLOSE THE I.R. 675 SOUTHBOUND INSIDE SHOULDER USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS FOR DURATION OF WORK. STAGING IN THE MEDIAN ON THE CABLE RAIL SIDE IS PROHIBITED.

PHASE 3 CONSTRUCTION
PAINT STRUCTURAL STEEL FROM THE I.R. 675 SOUTHBOUND OUTSIDE LANE LINE TO FORWARD ABUTMENT OVER TRAFFIC. INSTALL AND REMOVE FALSEDECKING AND CONTAINMENT USING MT-95.30 DURING PERMITTED LANE CLOSURE SCHEDULE ONLY.

CLOSE THE I.R. 675 SOUTHBOUND OUTSIDE SHOULDER USING MT-95.45. STAGE ALL EQUIPMENT BEHIND PORTABLE BARRIERS FOR DURATION OF WORK.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED)	GENERAL/REGULAR ELECTION DAY (NOV)
MEMORIAL DAY	CHRISTMAS (OBSERVED)
FOURTH OF JULY (OBSERVED)	
LABOR DAY	
THANKSGIVING	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

LANE VALUE CONTRACT TABLE			
DESCRIPTION OF CRITICAL LANE	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
1 LANE OF CLA I.R. 675 UNDERNEATH CLA-675-0079 (HADDIX RD)	PER PLCS	EACH MINUTE	\$100
2 LANES OF MOT I.R. 675 UNDERNEATH MOT-675-0296 (MCEWEN RD)	PER PLCS	EACH MINUTE	\$100

SHOULD THE CONSTRUCTION FOR CLA-068-0773R EXCEEDS 30 DAYS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE FLEXIBLE START WINDOW CONTRACT (PN 129).

WINDOW CONTRACT TABLE				
DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
RAMP FROM U.S. 40 WEST TO U.S. 68 NORTH (CLA-068-0773R)	30	\$2,000 PER DAY	04/15/2026	10/15/2026

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERRECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERRECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERRECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERRECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERRECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

RAMP WILL BE
CLOSED MMM-DD
FOR 60 DAYS
INFO: 1-888-200-9919

W20-H13-60
FOR CLA-068-0773R

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

ON-RAMP FROM U.S. 40 WEST BOUND TO U.S. 68 NORTH BOUND.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION IN THE STD. DRWGS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

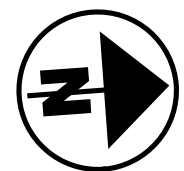
THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

GENERAL SUMMARY	
DESIGN AGENCY	
 DISTRICT 7 ENGINEERING	
DESIGNER	
JX	
REVIEWER	
LCG	01-28-25
PROJECT ID	
110152	
SHEET	TOTAL
P.8	16

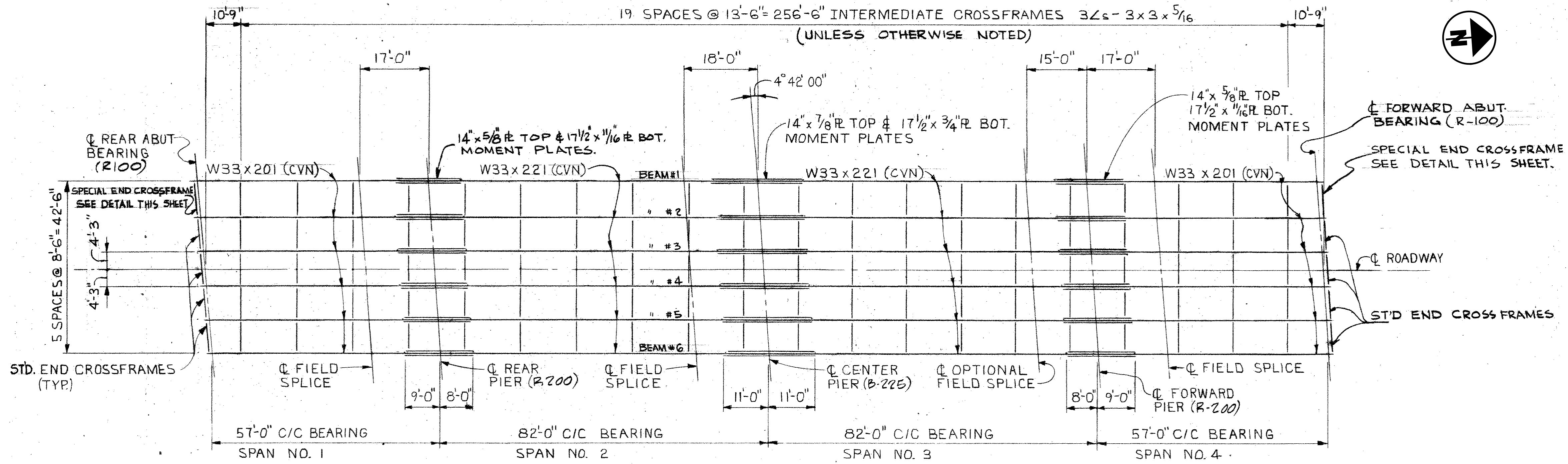


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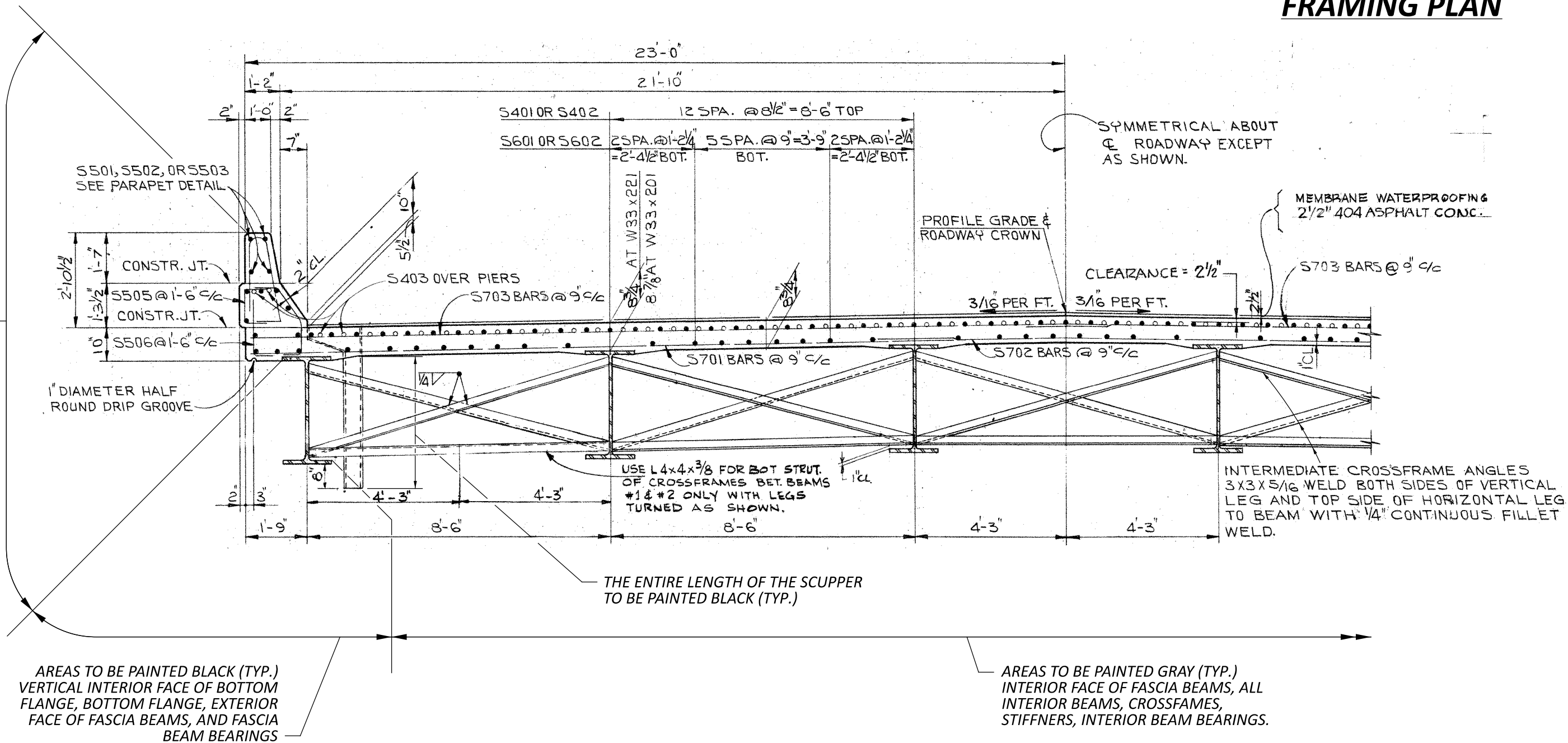
DND = DO NOT DISTURB

EXISTING STRUCTURE	
TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE SPANS: 57'-0", 82'-0", 82'-0", 57'-0" C/C BRGS. ROADWAY: 42'-6" T/T PARAPET LOADING: HS 20-44 CASE II & ALTERNATE MILITARY LOADING SKEW: 4°42'00" RIGHT FORWARD WEARING SURFACE: 1¼" MICROSILICA CONCRETE APPROACH SLABS: AS-1-72 (25' LONG) ALIGNMENT: TANGENT CROWN: ¾"/FT STRUCTURE FILE NUMBER: 5711150 DATE BUILT: 1983, REHABILITATED: 1993 DISPOSITION: TO BE PAINTED	
PROPOSED WORK 1. PAINT STRUCTURAL STEEL: BEAMS, INTERMEDIATE AND END CROSSFRAMES, SCUPPERS, AND BEARINGS 2. SEAL CONCRETE SURFACES	

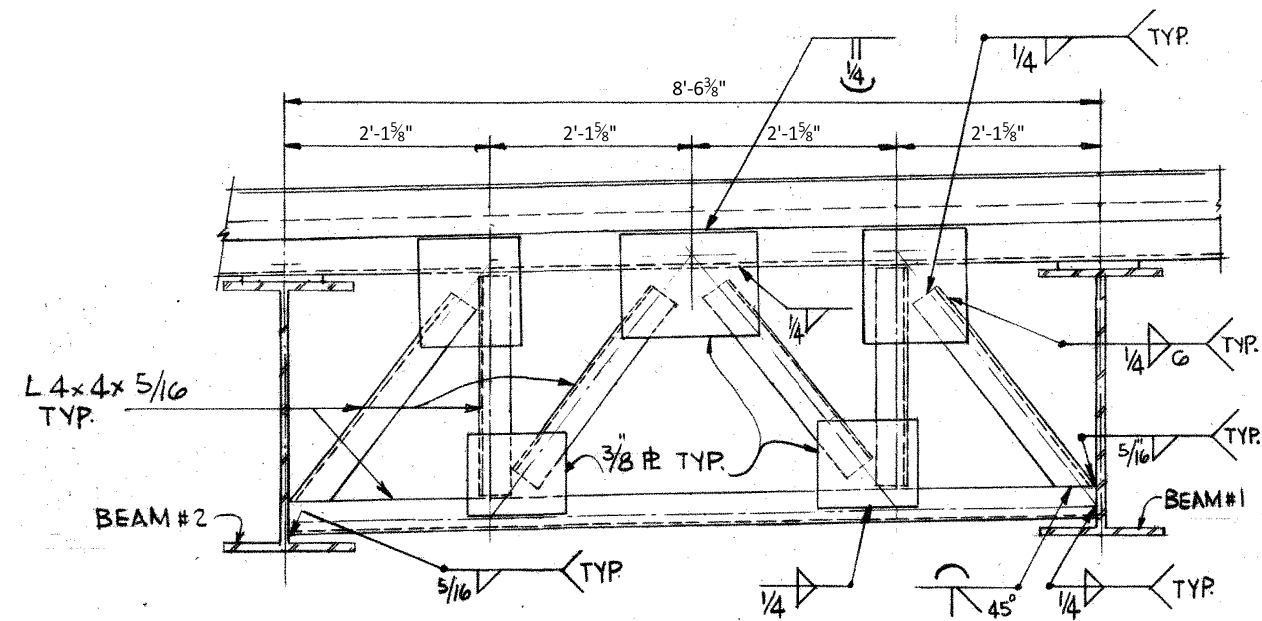
SFN	
5711150	
DESIGN AGENCY	
	
DISTRICT 7 ENGINEERING	
DESIGNER	CHECKER
JX	LCG
REVIEWER	
MRB 01-27-25	
PROJECT ID	
110152	
SUBSET	TOTAL
1	2
SHEET	TOTAL
P.15	16



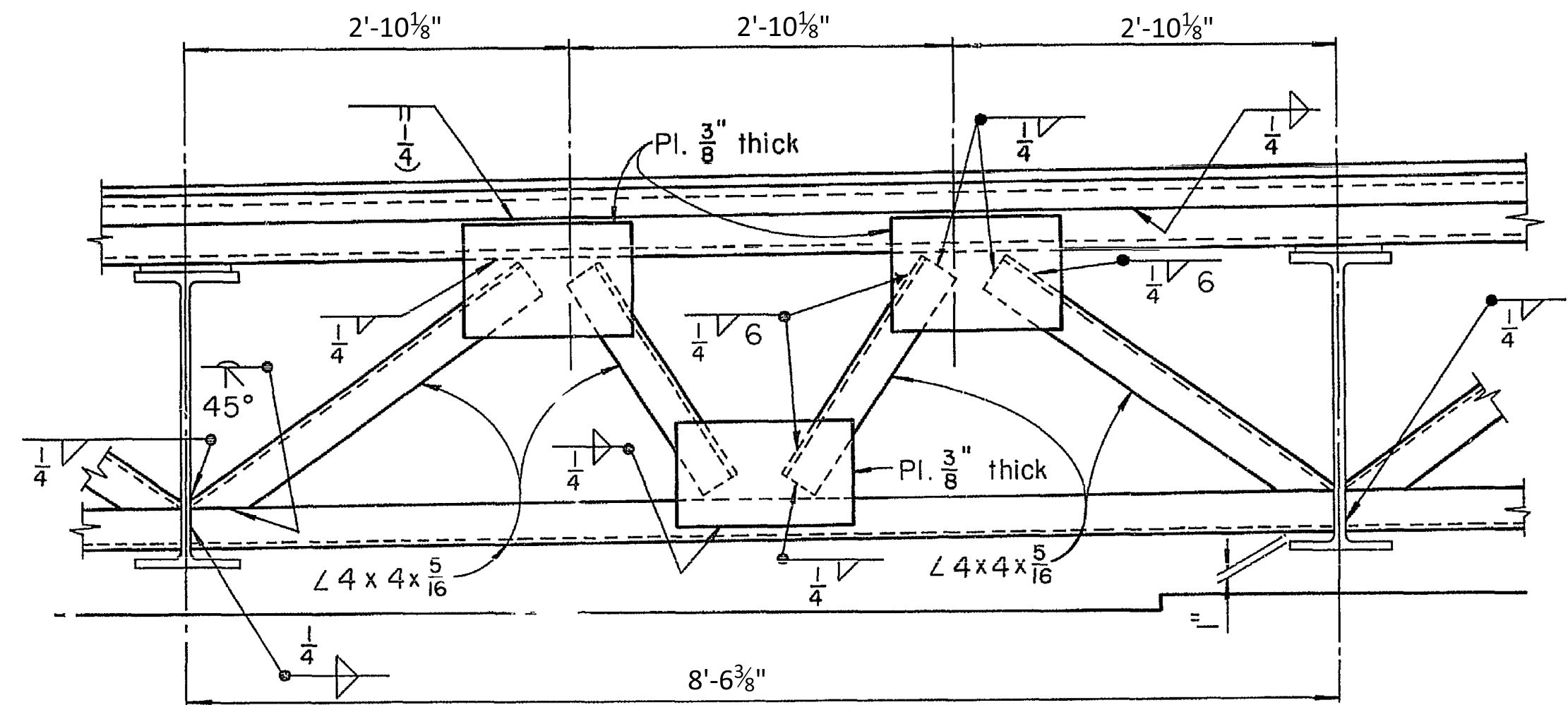
FRAMING PLAN



TRANSVERSE SECTION



SPECIAL END FRAME SECTION



STANDARD END FRAME SECTION

NOTES

- DIMENSIONS AND DATA ARE TAKEN FROM EXISTING PLANS. ALL DIMENSIONS ARE TO BE CONSIDERED +/- AND FOR REFERENCE ONLY.
- THE STRUCTURAL STEEL FINISH COAT COLOR SHALL BE 27040 (BLACK) AND 16440 (GRAY)