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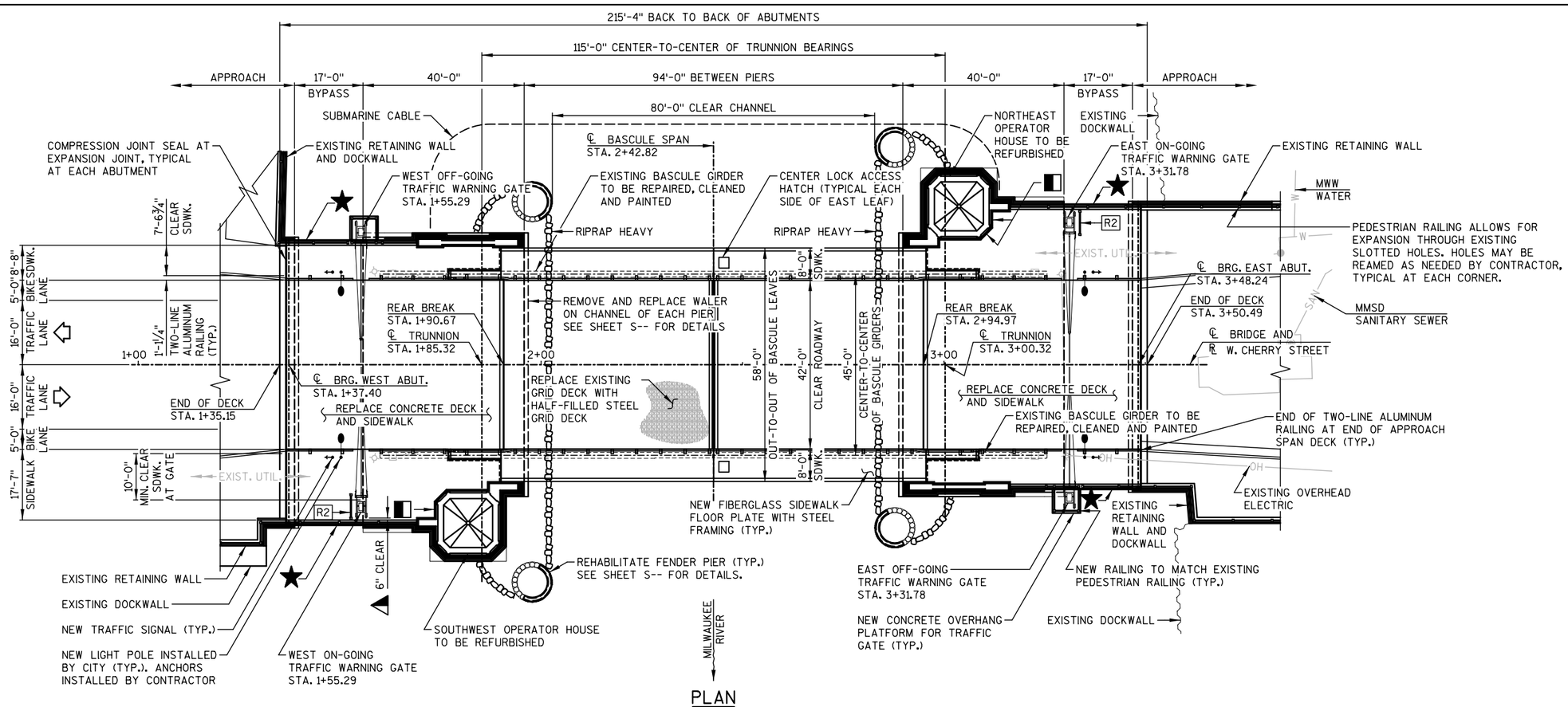
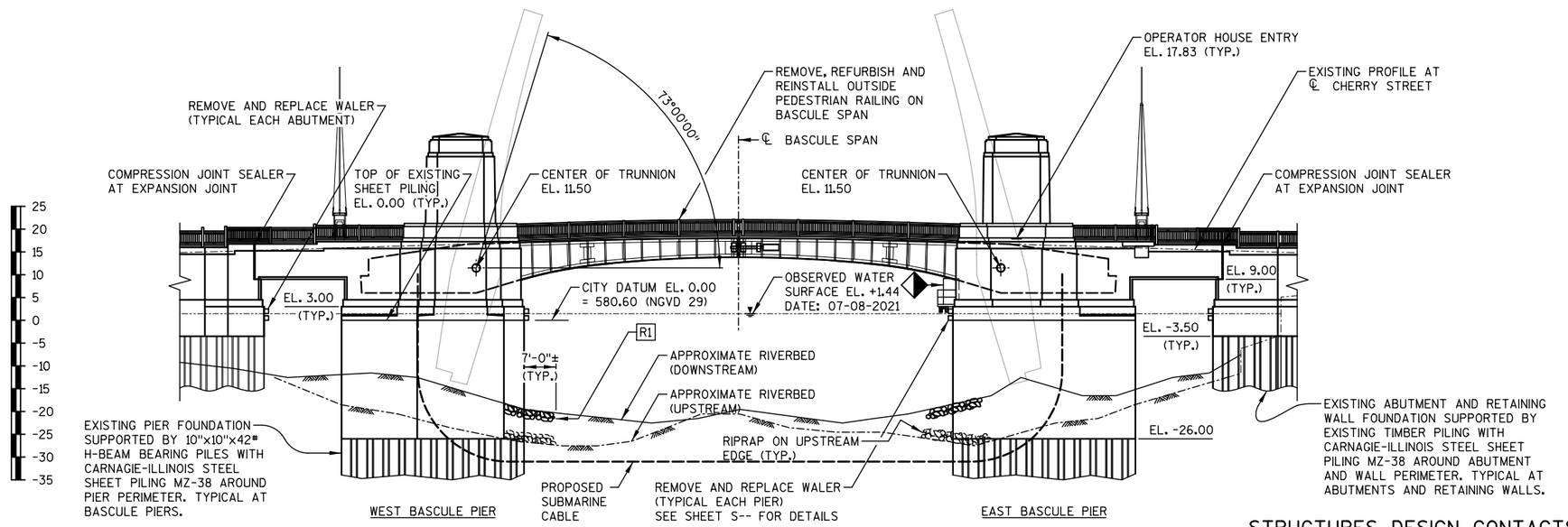
PLOT DATE: 4/19/2023
PLOT TIME: 11:16:20 PM
BATCH PRINT SHEET 1 OF 7

STATE PROJECT NUMBER
2984-26-73



PLAN

DOUBLE-LEAF BASCULE BRIDGE (CENTER SPAN)
STEEL GIRDER BRIDGE (FIXED APPROACH SPAN EACH SIDE)



SOUTH ELEVATION

(LOOKING NORTH)
(LOOKING UPSTREAM NORMAL TO MILWAUKEE RIVER)

PLAN NORTH

LEGEND

- REMOVE, REFURBISH AND REINSTALL EXISTING PLAQUES AND INSTALL NEW PLAQUES
- LOCATE GATE SUCH THAT CLEARANCE BETWEEN GATE COUNTERWEIGHT AND RAILING IN THE CLOSED POSITION IS NO MORE THAN 6" AND PROVIDE A MINIMUM OF 3" CLEARANCE DURING OPERATION.
- ★ REPLACE FASCIA GIRDER
- MMSD SEWERAGE STATION TO BE REMOVED
- R1 PLACE HEAVY RIPRAP 2 FT. THICK ALONG THE FRONT OF EACH PIER UP TO ELEVATION -24.0. DO NOT EXTEND RIPRAP INTO NAVIGABLE CHANNEL.
- R2 6'-3" PEDESTRIAN RAILING. NEW RAILING MATCH EXISTING PEDESTRIAN RAILING. SEE SHEET S-- FOR ADDITIONAL DETAILS.

PRELIMINARY PLANS FOR REVIEW ONLY

STRUCTURES DESIGN CONTACTS

SE REGION CONTACT - GREG HAFEMAN (262) 548-8677
BUREAU OF STRUCTURES CONTACT - AARON BONK (608) 261-0261
CONSULTANT CONTACT - MICHAEL ARNOLD (414) 559-9885

NO.	DATE	REVISION	BY

AECOM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE P-40-0864

WEST CHERRY STREET OVER THE MILWAUKEE RIVER

COUNTY	~~TOWN~~/CITY/~~VILLAGE~~
MILWAUKEE	MILWAUKEE

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
		DNJ	

GENERAL PLAN AND ELEVATION

SHEET S1 OF S7

8

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BASCULE SPAN - STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL BE AASHTO M270 OR ASTM A709 (GRADE 50) UNLESS NOTED OTHERWISE.
2. SHOP CONNECTIONS TO BE WELDED OR BOLTED AS SHOWN ON THE PLANS. PROVIDE ALL GALVANIZED BOLTED CONNECTIONS WITH 7/8" DIAMETER ASTM A-325 BOLTS, IN SLIP CRITICAL CONNECTIONS, UNLESS NOTED OTHERWISE ON THE PLANS.
3. EXERCISE CARE WHILE REMOVING THE EXISTING RIVETS AND INSTALLING NEW BOLTS NOT TO DAMAGE THE EXISTING STEEL AND RIVET HOLES. REPLACE ANY DAMAGE CAUSED AT NO ADDITIONAL COST TO THE CITY.
4. WELDING NOT SHOWN ON THE PLANS WILL NOT BE PERMITTED, EXCEPT BY WRITTEN PERMISSION FROM THE ENGINEER AND WITH AN APPROVED WELD PROCEDURE PROVIDED BY THE CONTRACTOR.
5. FIELD WELDING WILL NOT BE PERMITTED UNLESS SHOWN ON THE PLANS OR AUTHORIZED IN WRITING BY THE ENGINEER.
6. PROVIDE A MINIMUM RADIUS OF 1" AT ALL INTERIOR AND RE-ENTRANT CUTS, UNLESS NOTED OTHERWISE ON THE PLANS, AND NOTE ON THE SHOP DRAWINGS WHERE THEY OCCUR.
7. GALVANIZE AND PAINT ALL NEW STRUCTURAL STEEL UNLESS OTHERWISE NOTED AND PAINT IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE COLOR OF THE FINISH COAT FOR NEW AND EXISTING STRUCTURAL STEEL SHALL BE SHERWIN WILLIAMS HC172 (MUDDY GRAY, 50% OF THIS COLOR).
8. GRIND OR PLANE ALL FLAME CUT EDGES OF PLATES THAT WILL BE PAINTED TO REMOVE THE HARDENED SURFACE CAUSED BY THE FLAME. REMOVAL OF THIS SURFACE IS NECESSARY TO OBTAIN A PROPER BLASTED SURFACE FOR THE ADHESION OF THE PAINT.
9. FOR BENT PLATES, CONFORM TO ASTM A143 TO PREVENT EMBRITTLEMENT CAUSED BY THE GALVANIC PROCESS.
10. GALVANIZED PARTS THAT ARE TO BE SHOP ASSEMBLED WITH BOLTS SHALL BE GALVANIZED BEFORE SHOP ASSEMBLY.

STRUCTURAL REPAIR WORK SCOPE

1. REMOVE AND REPLACE ANY RIVETS CONNECTING THE BOTTOM FLANGE ANGLES TO THE BASCULE GIRDER WEBS AND RIVETS CONNECTING THE BOTTOM FLANGE ANGLES TO THE BUILT-UP PLATE SECTIONS WHICH EXHIBIT SIGNIFICANT LOSS OF MATERIAL WITH HIGH STRENGTH BOLTS. BUTTON HEAD BOLTS WILL BE REQUIRED IN LOCATIONS VISIBLE TO THE PUBLIC TO MATCH THE APPEARANCE OF A RIVET FROM ONE DIRECTION.
2. IN AREAS OF THE BASCULE GIRDER STIFFENERS WHERE THE CORROSION IS MORE ADVANCED, CAUSING MAJOR SECTION LOSS OF THE STIFFENER AT ITS BASE, CUTOFF THESE STIFFENER BASES AND REPLACE WITH PIECES OF ANGLES. USE RIVET HOLES FOR CONNECTION WITH NEW HIGH STRENGTH BOLTS. PROVIDE SPLICE BETWEEN THE EXISTING AND NEW ANGLES. SPLICE THE OUTSTANDING LEGS OF THE ANGLES WITH FULL PENETRATION WELDS.
3. FILL ANY NEW OR EXISTING HOLES WITH HIGH STRENGTH BOLTS.
4. ALL BEAMS SHALL BE JACKED SIMULTANEOUSLY FOR BEARING REPLACEMENT.
5. REMOVE AND REPLACE STEEL ROADWAY GRID INCLUDING FILLED PORTION ABOVE FLOORBEAM 5. PROVIDE HALF-FILLED CONCRETE STEEL GRID.
6. REMOVE AND REPLACE ROADWAY STRINGERS, FLOORBEAMS 1 THROUGH 5, LATERAL BRACINGS, CENTER BREAK, REAR ROADWAY BREAK, REAR AND LONGITUDINAL SIDEWALK BREAKS, SIDEWALK BRACKETS AND MACHINERY SUPPORTS.
7. REPLACE ACCESS HATCHES, MACHINERY ENCLOSURE.
8. BALANCE BASCULE LEAVES.
9. REPLACE EXPANSION JOINTS ON APPROACH SPAN DECKS AND SIDEWALKS.
10. REPLACE BEARINGS AT APPROACH SPANS WITH ELASTOMERIC BEARINGS.
11. PERFORM CONCRETE CRACK AND SURFACE REPAIRS ON SUBSTRUCTURES.

DESIGN SPECIFICATIONS

AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES, 17TH EDITION.

AASHTO LRFD MOVABLE HIGHWAY BRIDGE DESIGN SPECIFICATIONS 7TH EDITION 2015 AND INTERIMS THROUGH 2016, FOR MECHANICAL AND ELECTRICAL DESIGN.

AASHTO STANDARD SPECIFICATIONS FOR MOVABLE HIGHWAY BRIDGES, 5TH EDITION, FOR STRUCTURAL DESIGN

CONSTRUCTION SPECIFICATIONS

WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

AWS BRIDGE WELDING CODE D1.5, LATEST EDITION.

AWS STRUCTURAL WELDING CODE-STEEL D1.1, LATEST EDITION.

GENERAL NOTES BASCULE SPAN AND APPROACH SPANS

1. DO NOT SCALE THE DRAWINGS.
2. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE CITY OF MILWAUKEE DATUM. EL. 0.00 = EL. 580.60 (NGVD 29).
3. DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS AND NOT "AS BUILT" DIMENSIONS. THE EXISTING STRUCTURE (P-40-864) IS A FOUR SPAN BASCULE BRIDGE WITH A CLEAR ROADWAY WIDTH OF 42 FEET AND AN OVERALL LENGTH OF APPROXIMATELY 208 FEET AND IS TO BE REHABILITATED AS SHOWN IN THESE PLANS.
4. IF THERE IS A CONFLICT BETWEEN THE STANDARD SPECIFICATIONS AND THE PLANS OR SPECIAL PROVISIONS, THE PLANS OR SPECIAL PROVISIONS SHALL GOVERN.
5. IN THE EVENT THAT THERE IS A DISCREPANCY IN THE PLANS AND SPECIAL PROVISIONS, BRING IT TO THE ATTENTION OF THE ENGINEER FOR HIS INTERPRETATION AND HIS DECISION SHALL GOVERN.
6. IF AN ITEM IS LISTED OR DESCRIBED IN THE SPECIAL PROVISIONS AND IS NOT SPECIFICALLY SHOWN ON THE PLANS, CONSIDER IT AS A PART OF THE WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IF IT IS NOT OBVIOUS AS TO WHICH BID ITEM IT BELONGS, CONSULT THE ENGINEER FOR INTERPRETATION, AND HIS DECISION SHALL GOVERN.
7. LOCATE AND WORK AROUND ALL UTILITIES THAT MAY BE ATTACHED OR EMBEDDED UNLESS NOTED OTHERWISE.
8. DEFINE ALL CONCRETE REMOVALS BY A 1" DEEP SAW CUT AROUND THE PERIMETER.
9. CLEAN, STRAIGHTEN, AND INCORPORATE EXISTING REINFORCING STEEL INTO NEW WORK, WHERE APPLICABLE AND EXTEND 24 BAR DIAMETERS INTO NEW WORK UNLESS SPECIFIED OTHERWISE.
10. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
11. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
12. BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.
13. COST OF FORMING INSET AREAS AND INSET LINES IN CONCRETE OF PIERS AND ABUTMENTS WILL BE CONSIDERED AS INCLUDED IN UNIT COST BID FOR BID ITEM "CONCRETE MASONRY BRIDGES".
14. FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153 TYPES I, II, OR III OR M213.
15. ELASTOMERIC BEARINGS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.
16. VARIATIONS TO THE NEW GRADE LINE OVER 1/4" MUST BE SUBMITTED BY THE FIELD ENGINEER TO THE STRUCTURE DESIGN SECTION FOR REVIEW.
17. APPLY PROTECTIVE SURFACE TREATMENT TO EXPOSED SURFACES OF THE DECK, CURB, AND SIDEWALKS, EDGE OF DECK AND UNDERSIDE OF DECK TO THE LIMITS SHOWN IN THE PLANS.
18. MATERIALS, EQUIPMENT, ETC. SHALL NOT BE STOCKPILED ON THE BRIDGE DECK WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
19. THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR OF 1940.
20. BAR CHAIRS FOR REINFORCING WITH OPENINGS LESS THAN 2" WIDTH, EXCEPT AT THE BOTTOM OF DECK SLAB, ARE NOT ACCEPTABLE AND ARE NOT ALLOWED IN ANY APPLICATIONS. IN ADDITION, BAR CHAIRS MUST BE STRONG ENOUGH TO SUPPORT THE WEIGHT OF WORKERS WALKING ON THEM WITHOUT INDUCING PERMANENT DEFORMATIONS OR BREAKING.

DESIGN DATA

LIVE LOAD:

HS 20
INVENTORY RATING = HS __
OPERATING RATING = HS __
MAXIMUM STANDARD PERMIT VEHICLE LOAD = ___KIPS

MATERIAL PROPERTIES:

CONCRETE SUPERSTRUCTURE.....f'c = 4,000 PSI
CONCRETE SUBSTRUCTURE.....f'c = 3,500 PSI
BAR STEEL REINFORCEMENT.....fy = 60,000 PSI
STRUCTURAL STEEL.....fy = 50,000 PSI
ROADWAY GRID.....fy = 50,000 PSI

TRAFFIC DATA:

ADT = 2,908 (2015)
= 3,198 (2035)
RDS = 30 MPH

HYDRAULIC DATA

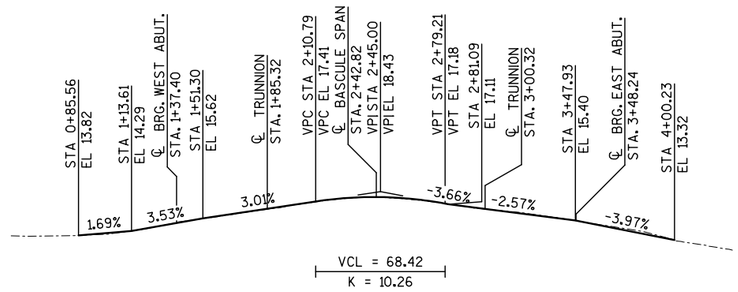
(TAKEN FROM "WEST CHERRY STREET SCOUR CRITICAL BRIDGE - PLAN OF ACTION," DATED APRIL 2020)

Q100	14,800 CFS
HW100	EL. +3.27 (CITY DATUM) EL. 583.87 (NGVD)
ROADWAY OVERTOPPING	N/A
SCOUR CRITICAL DEPTH	-31.0 FT.
SCOUR CRITICA CODE	3

LIST OF DRAWINGS

STATE PROJECT NUMBER

2984-26-73



PROPOSED PROFILE GRADE LINE

PRELIMINARY PLANS FOR REVIEW ONLY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE P-40-0864

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GENERAL NOTES

SHEET S2 OF S7

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TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEM	UNIT	SUBSTRUCTURE								SUPERSTRUCTURE			TOTAL
			NW RETAINING WALL	SW RETAINING WALL	WEST ABUTMENT	WEST BASCULE PIER	EAST BASCULE PIER	EAST ABUTMENT	NE RETAINING WALL	SE RETAINING WALL	WEST APPROACH SPAN	BASCULE SPAN	EAST APPROACH SPAN	
203.0211.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL P-40-864	EACH												
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS P-40-864	EACH												
206.1001	EXCAVATION FOR STRUCTURES BRIDGES P-40-864	EACH												
210.1500	BACKFILL STRUCTURE TYPE A	TON												
502.0100	CONCRETE MASONRY BRIDGES	CY												
502.2000	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC 1-INCH	LF												
502.2000	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC 2-INCH	LF												
502.2000	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC 3-INCH	LF												
502.3200	PROTECTIVE SURFACE TREATMENT	SY												
502.4106	ADHESIVE ANCHORS 3/4-INCH	EACH												
502.4204	ADHESIVE ANCHORS NO. 4 BAR	EACH												
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH												
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH												
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB												
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH												
506.3015	WELDED STUD SHEAR CONNECTORS 7/8X6-INCH	EACH												
506.7050.S	REMOVING BEARINGS P-40-864	EACH												
509.1500	CONCRETE SURFACE REPAIR	SF												
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF												
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH												
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY												
517.0601	PAINTING EPOXY SYSTEM P-40-864	EACH												
517.0901.S	PREPARATION AND COATING OF TOP FLANGES P-40-864	EACH												
517.1010.S	CONCRETE STAINING P-40-864	SF												
517.1801.S	STRUCTURE REPAINTING RECYCLED ABRASIVE P-40-864	EACH												
517.4501.S	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS, P-40-864	EACH												
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH												
531.8990	ANCHOR ASSEMBLIES POLES ON STRUCTURES	EACH												
606.0100	RIPRAP LIGHT	CY												
616.0210	FENCE CHAIN LINK 10-FT	LF												
650.6501	CONSTRUCTION STAKING STRUCTURE LAYOUT P-40-864	EACH												
SPV.0025.01	CONCRETE REMOVAL AND REPLACEMENT AT MACHINERY FLOOR	CF												
SPV.0025.02	COUNTERWEIGHT CONCRETE MODIFICATION	CF												
SPV.0025.03	WATERLINE CONCRETE SURFACE REPAIR	CF												
SPV.0060.01	BASCULE GIRDER STIFFENER ANGLE REPAIRS	EACH												
SPV.0060.02	LOADING GIRDER BASE REPAIRS	EACH												
SPV.0060.03	BASCULE GIRDER TRUNNION WEB STIFFENER REPLACEMENTS	EACH												
SPV.0060.04	COLUMN BASE REPAIRS	EACH												
SPV.0060.05	STIFFENER REPLACEMENTS AT PINION BEARING SUPPORT	EACH												
SPV.0060.06	LADDER AND RAILING REPAIRS	EACH												
SPV.0060.07	RIVET REMOVAL AND REPLACEMENT	EACH												
SPV.0060.08	HEEL BLOCK REFURBISHMENT	EACH												
SPV.0060.09	MACHINERY ENCLOSURES	EACH												
SPV.0060.10	ACCESS HATCH FOR CENTERLOCK	EACH												
SPV.0085.01	BRIDGE STRUCTURAL STEEL	LB												
SPV.0090.01	TWO-LINE ALUMINUM RAILING	LF												
SPV.0090.02	PEDESTRIAN RAILING REHABILITATION	LF												
SPV.0090.03	TRAFFIC GATE RAILING	LF												
SPV.0090.04	MARINE DOCK FENDER	LF												
SPV.0090.05	FLASHING STAINLESS STEEL	LF												
SPV.0090.06	URETHANE INJECTION CRACK REPAIR	LF												
SPV.0105.01	TEMPORARY SHORING FOR BASCULE LEAVES	LS												
SPV.0105.02	NAMEPLATE	LS												
SPV.0105.03	COUNTERWEIGHT CALCULATIONS AND SPAN BALANCING	LS												
SPV.0105.04	TIMBER FENDER REMOVAL	LS												
SPV.0105.05	FENDER PIER REPAIRS	LS												
SPV.0105.06	SPAN DRIVE MACHINERY REFURBISHMENT	LS												
SPV.0105.07	CENTER LOCK MACHINERY	LS												
SPV.0105.08	TRUNNION AND TRUNNION BEARING REFURBISHMENT	LS												
SPV.0105.09	BRIDGE ELECTRICAL WORK	LS												
SPV.0105.10	SPAN DRIVES AND MOTORS	LS												
SPV.0105.11	CONTROL CONSOLE - CHERRY STREET	LS												
SPV.0105.12	PLC CONTROLS - CHERRY STREET	LS												
SPV.0105.13	PLC AND COMMUNICATION MODIFICATIONS - KNAPP STREET	LS												
SPV.0105.14	LIGHTNING AND SURGE SURPRESSION	LS												
SPV.0105.15	TRAFFIC GATES AND SIGNALS	LS												
SPV.0105.16	POWER DISTRIBUTION AND MOTOR CONTROL CENTER	LS												
SPV.0105.17	LIMITS AND SENSORS	LS												
SPV.0105.18	TRAINING, MANUALS AND SPARE PARTS	LS												
SPV.0105.19	AUXILIARY ELECTRICAL EQUIPMENT	LS												
SPV.0105.20	SUBMARINE CABLE	LS												
SPV.0105.21	ARCHITECTURAL EXTERIOR BRIDGE LED LIGHTING	LS												
SPV.0105.22	OPERATOR HOUSE REFURBISHMENT	LS												
SPV.0105.23	OPERATOR HOUSE HVAC	LS												
SPV.0105.24	PLUMBING SYSTEMS	LS												
SPV.0105.25	FIELD VERIFICATION SURVEY	LS												
SPV.0165.01	STEEL GRID FLOOR 5-INCH HALF-FILLED	SF												
SPV.0165.02	LIGHTWEIGHT CONCRETE FILL FOR GRID DECK	SF												
SPV.0165.03	FIBERGLASS SIDEWALK FLOOR PLATES	SF												
	NON-BID ITEMS													
	FILLER													

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DEPARTMENT OF TRANSPORTATION

STRUCTURE P-40-0864

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ESTIMATED QUANTITIES

SHEET S3 OF S7

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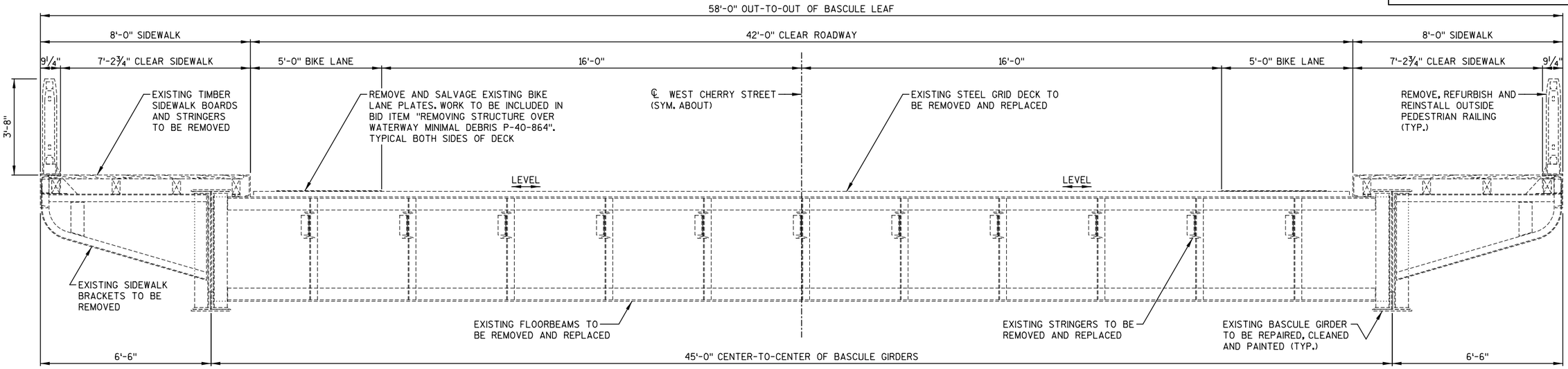
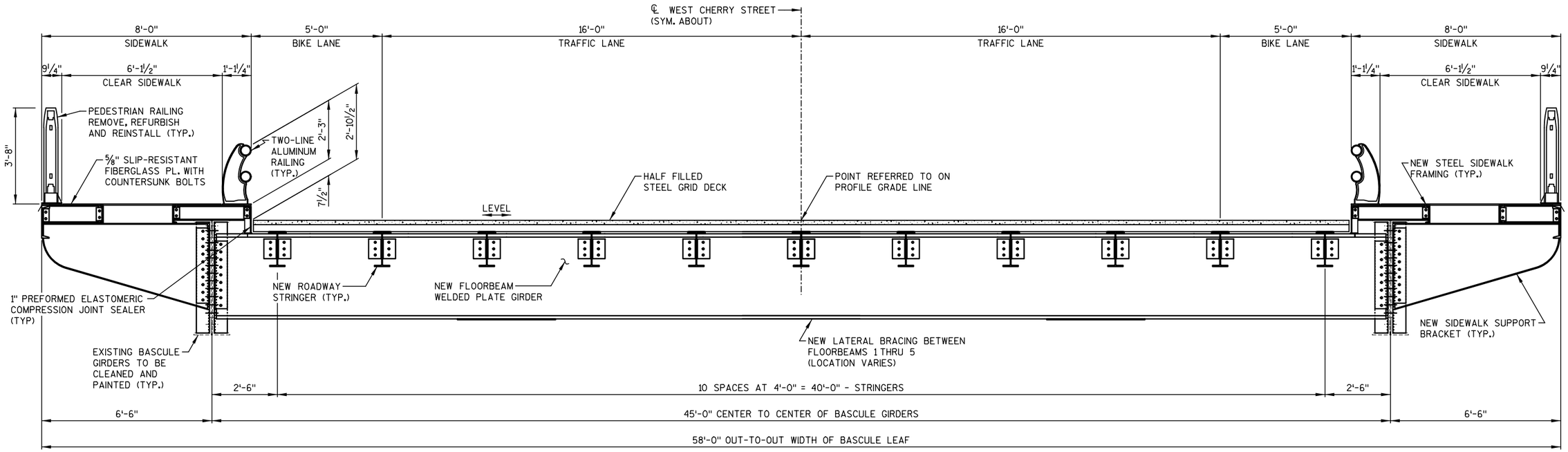
2984-26-73



EXISTING TYPICAL SECTION THRU BASCULE SPAN

WEST LEAF LOOKING UPSTATION (EAST LEAF MIRRORED)



PROPOSED TYPICAL SECTION THRU BASCULE SPAN

WEST LEAF LOOKING UPSTATION (EAST LEAF MIRRORED)

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TYPICAL SECTIONS AT BASCULE SPAN

SHEET S4 OF S7

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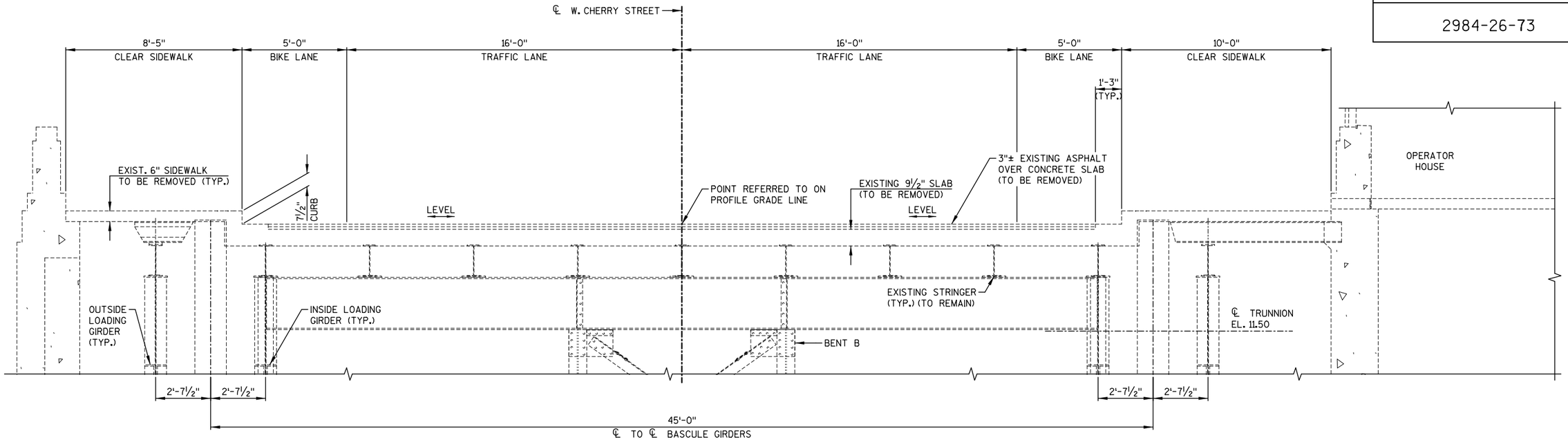
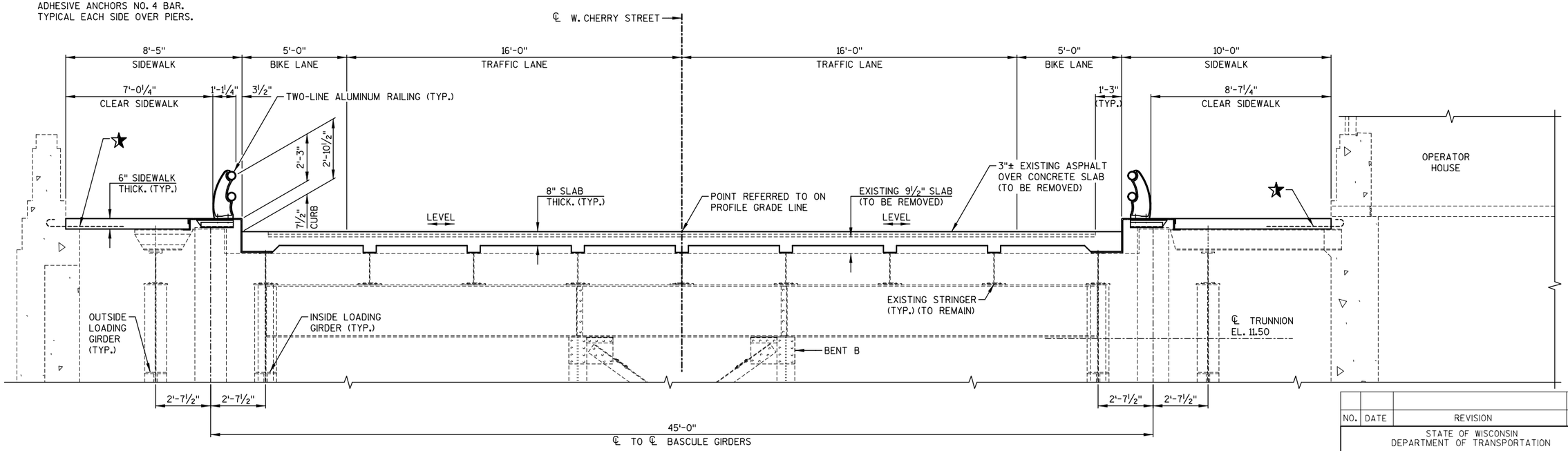


EXISTING TYPICAL SECTION THRU BASCULE PIER AT BENT B

(WEST PIER SHOWN, LOOKING EAST, EAST PIER SIMILAR, OPPOSITE HAND)

LEGEND

★ EXISTING ⅜"ϕ DOWELS AT 6" CTRS. SALVAGE EXISTING REINFORCEMENT, CLEAN AND REINCORPORATE INTO NEW CONCRETE. SUPPLEMENT WITH ADHESIVE ANCHORS NO. 4 BAR. TYPICAL EACH SIDE OVER PIERS.



PROPOSED TYPICAL SECTION THRU BASCULE PIER AT BENT B

(WEST PIER SHOWN, LOOKING EAST, EAST PIER SIMILAR, OPPOSITE HAND)

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TYPICAL SECTIONS AT BASCULE PIERS

SHEET S5 OF S7

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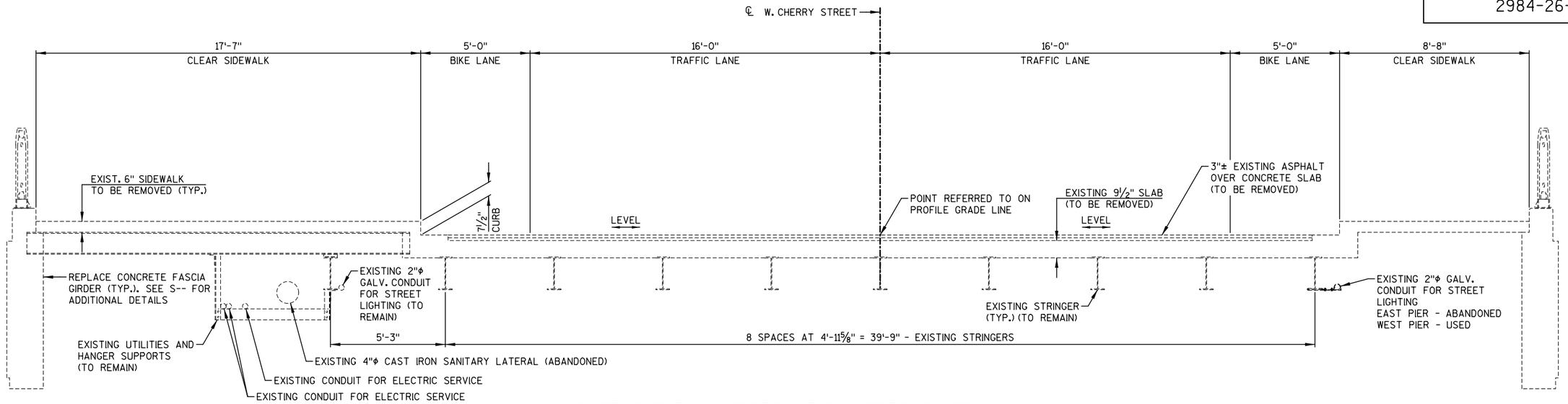
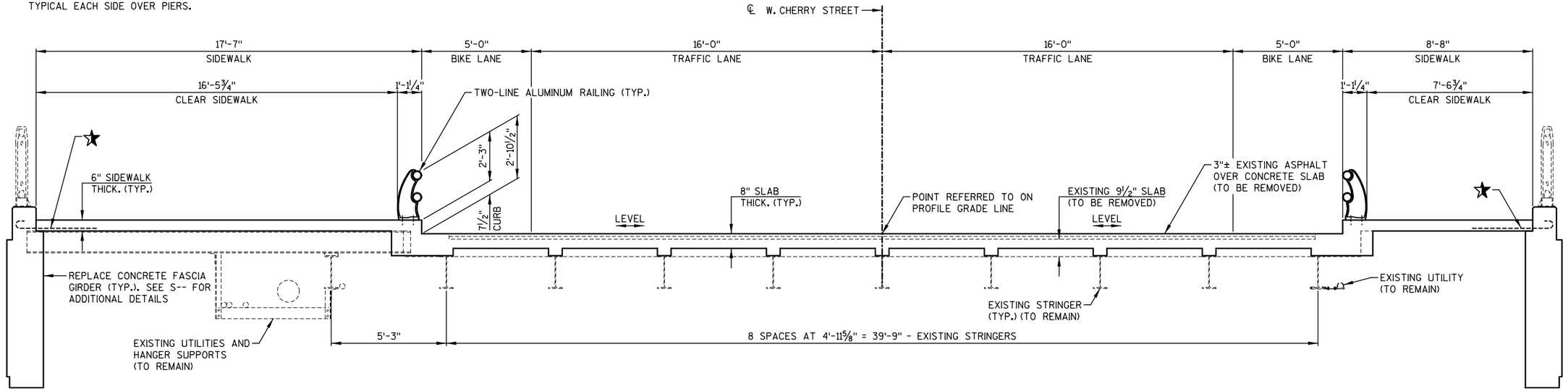


EXISTING TYPICAL SECTION THRU APPROACH SPAN

(EAST APPROACH SHOWN, LOOKING EAST, WEST APPROACH SIMILAR, OPPOSITE HAND)

LEGEND

★ EXISTING ⅜"ϕ DOWELS AT 6" CTRS. SALVAGE EXISTING REINFORCEMENT, CLEAN AND REINCORPORATE INTO NEW CONCRETE. SUPPLEMENT WITH ADHESIVE ANCHORS NO. 4 BAR. TYPICAL EACH SIDE OVER PIERS.



PROPOSED TYPICAL SECTION THRU APPROACH SPAN

(EAST APPROACH SHOWN, LOOKING EAST, WEST APPROACH SIMILAR, OPPOSITE HAND)

PRELIMINARY PLANS FOR REVIEW ONLY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE P-40-0864

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TYPICAL SECTIONS AT APPROACH SPANS

SHEET S6 OF S7

8

8

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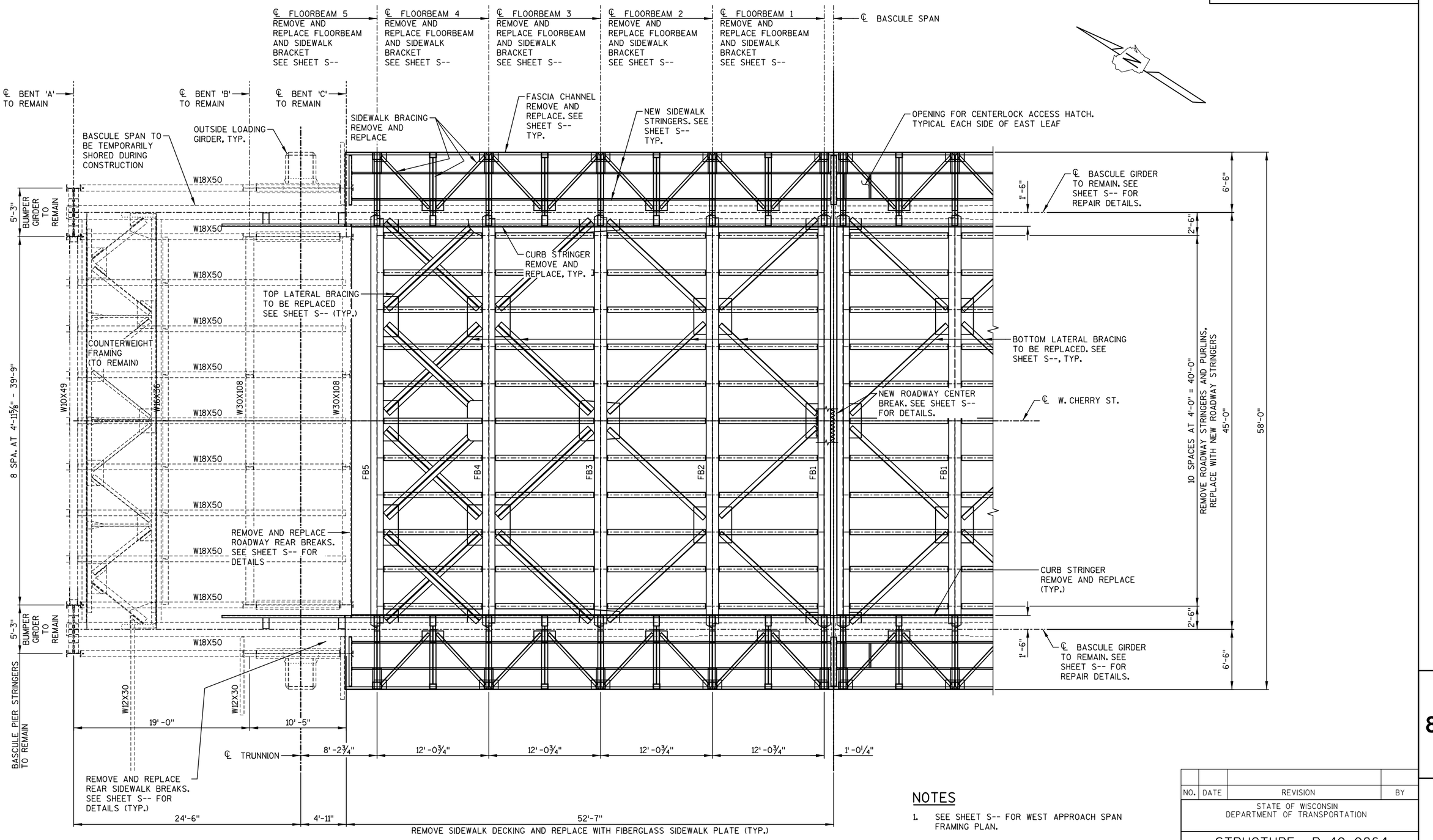
STATE PROJECT NUMBER

2984-26-73



PROPOSED STEEL FRAMING PLAN

(REPAIRS REQUIRED ON BOTH LEAVES, WEST LEAF SHOWN, PROPOSED FRAMING ON EAST LEAF OPPOSITE HAND)

NOTES

1. SEE SHEET S-- FOR WEST APPROACH SPAN FRAMING PLAN.
2. SEE SHEET S-- FOR SIDEWALK DETAILS.
3. SEE SHEET S-- FOR RAILING DETAILS.
4. SEE SHEET S-- FOR LATERAL BRACING DETAILS.

PRELIMINARY PLANS FOR REVIEW ONLY

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DEPARTMENT OF TRANSPORTATION

STRUCTURE P-40-0864

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BASCULE SPAN FRAMING PLAN

SHEET S7 OF S7

8

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