

NOTES

- 1) DETAILS AND DIMENSIONS ON THIS SITE PLAN ARE FROM ARCHIVED PLANS AND SHOULD BE USED FOR REFERENCE ONLY.
- 2) SEE SHEET 6 FOR ROADWAY PLAN AND DRAINAGE DETAILS
- 3) ESTIMATED QUANTITIES FOR -ITEM 519 PATCHING SHALL BE INCREASED BY 50% OVER MEASURED QUANTITIES TO ALLOW FOR ADDITIONAL DETERIORATION.

DESIGN TRAFFIC

WOODBURN AVE.

2026 ADT = 2,200	2026 ADTT = 44
2038 ADT = 2,600	2038 ADTT = 52
DIRECTIONAL DISTRIBUTION = 0.55	

IR - 71

2026 ADT = 117,000	2026 ADTT = 12,870
2038 ADT = 118,000	2038 ADTT = 12,980
DIRECTIONAL DISTRIBUTION = 0.70	

RAMP TO SB IR-71

2026 ADT = 4,400	2026 ADTT = 88
2038 ADT = 5,100	2038 ADTT = 102
DIRECTIONAL DISTRIBUTION = 1.00	

LEGEND

- 16.50' REQUIRED MINIMUM VERTICAL CLEARANCE
14.63" ACTUAL MINIMUM VERTICAL CLEARANCE
- ▨ - SEAL WEARING SURFACE WITH GRAVITY FED RESIN
- ▩ - PATCHING CONCRETE STRUCTURE
- - DRAINAGE SYSTEM CLEANING

EXISTING STRUCTURE

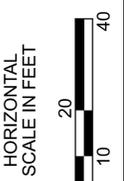
TYPE: CONTINUOUS STEEL PLATE GIRDERS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE

SPANS: 64'-9"±, 99'-3"±, 92'-0"±, 60'-0"± C/C BEARINGS
 ROADWAY: 44'-0" F/F CURB WITH 6'-0" SIDEWALKS
 LOADING: HS 20-44
 SKEW: 15°00'00" R.F.
 WEARING SURFACE: 1¾ MICRO-SILICA MODIFIED CONCRETE
 APPROACH SLABS: AS-1-67 (20'-0" LONG)
 ALIGNMENT: TANGENT
 CROWN: NORMAL
 STRUCTURE FILE NUMBER: 3114600
 DATE BUILT: 1972
 DISPOSITION: TO BE REHABILITATED
 DECK AREA: 18,688 SF

COORDINATES: LATITUDE 39° 08' 37.11"
 LONGITUDE -84° 28' 29.58"

PROPOSED WORK

- 1) REPLACE EXISTING STRIP SEAL GLAND IN EXPANSION JOINT.
- 2) REPLACE THE EXISTING DOWNSPOUTS FROM THE REDUCER DOWN TO THE TOP OF BARRIER.
- 3) CLEAN OUT EXISTING BRIDGE DRAINAGE TO NEAREST CATCH BASIN.
- 4) FIELD PAINT ALL STRUCTURAL STEEL WITH THREE COAT OZEU PAINT SYSTEM.
- 5) SEAL CONCRETE BARRIERS, ABUTMENTS, AND PIERS WITH PERMANENT GRAFFITI PROTECTION COATING. SEAL SIDEWALK SURFACES WITH NON-EPOXY SEALER.
- 6) SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN.
- 7) REPAIR PORTIONS OF EXISTING VANDAL PROTECTION FENCE.
- 8) PERFORM CONCRETE PATCHING REPAIR ON DETERIORATED PORTIONS OF THE SUBSTRUCTURE, SIDEWALK AND SUPERSTRUCTURE
- 9) REMOVE EXISTING APPROACH GUARDRAIL AT PIER 3 AND REPLACE WITH NEW CONCRETE BARRIER PIER PROTECTION AND APPROACH GUARDRAIL



SITE PLAN
 BRIDGE No.: HAM-71-0505
 WOODBURN AVE. OVER IR-71

SFN	3114600
DESIGN AGENCY	
DESIGNER	GTF
CHECKER	BCP
REVIEWER	CAH
DATE	11/15/25
PROJECT ID	105220
SUBSET	TOTAL
1	9
SHEET	TOTAL
12	20

LEGEND

 - REMOVAL LIMITS OF EXISTING DOWNSPOUTS

NOTES:

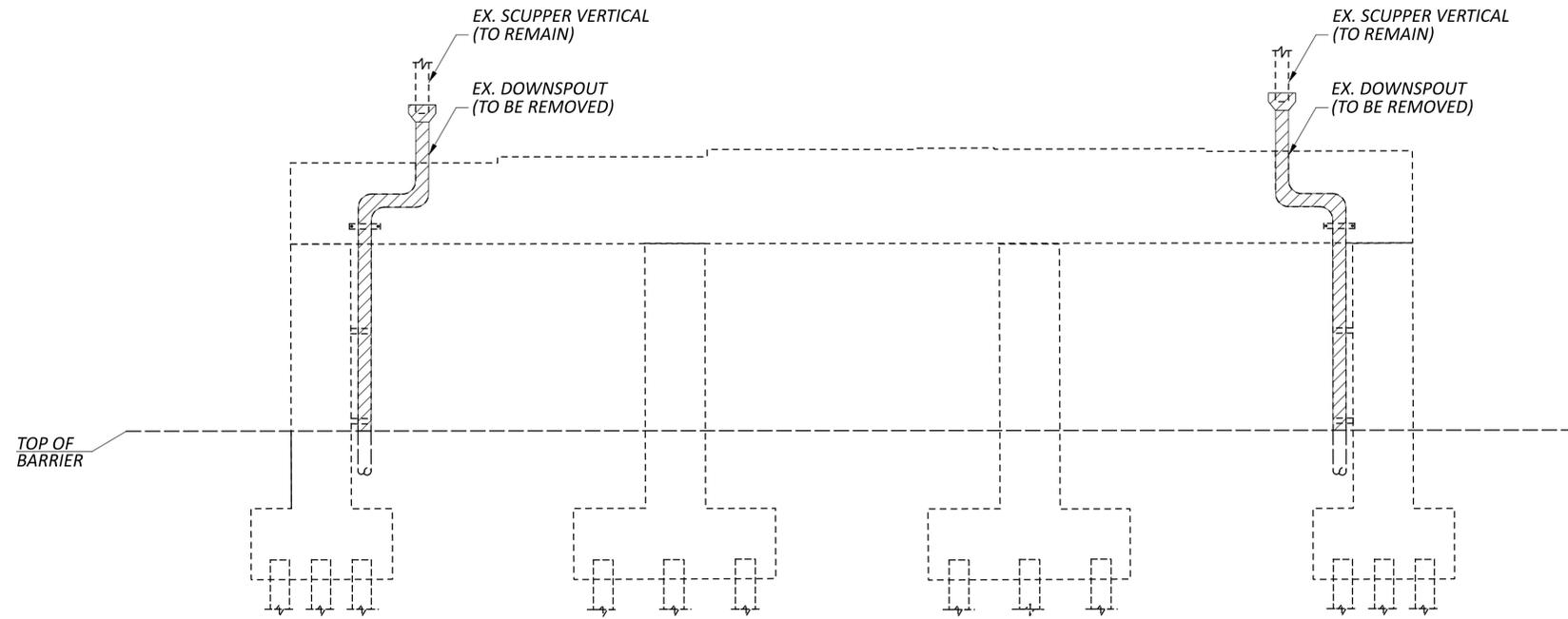
1. DIMENSIONS SHOWN SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT PROPOSED DRAINAGE SYSTEM LOCATIONS & PREPARE DETAILED SHOP DRAWINGS INDICATING THE PROPOSED SIZES, FITTINGS, CONNECTIONS AND OTHER PERTINENT INFORMATION PRIOR TO COMMENCING REPAIR WORK. SHOP DRAWINGS SHALL BE SUBMITTED TO THE DEPARTMENT FOR ACCEPTANCE PRIOR TO ORDERING MATERIALS.

2. REMOVAL LOCATIONS TO COINCIDE WITH PROPOSED WORK LOCATIONS SHOWN. REMOVALS TO BE PAID UNDER ITEM 202 - PORTIONS OF STRUCTURE REMOVED.

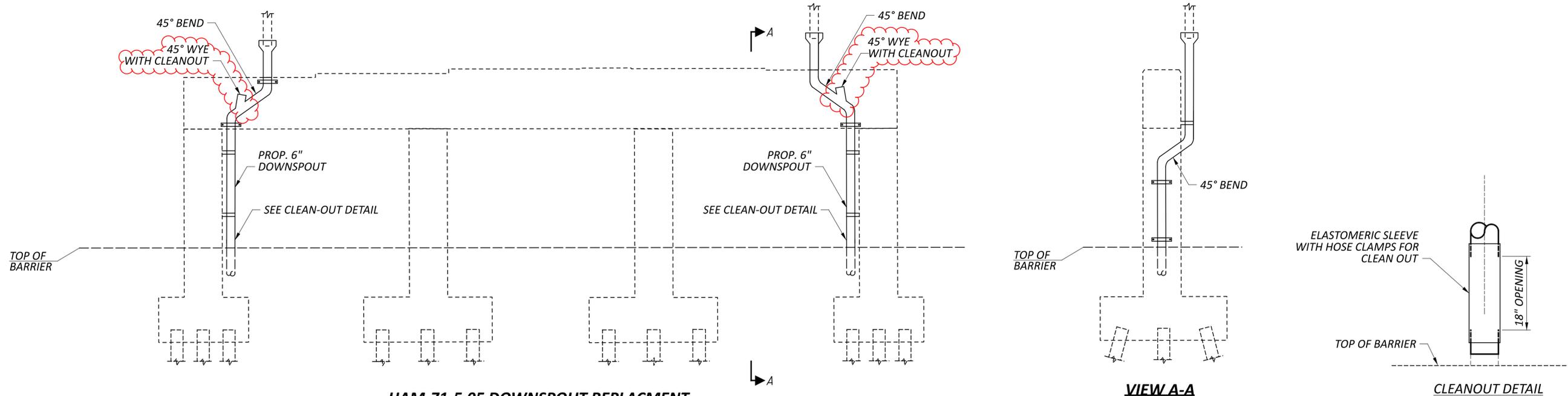
3. ALL PROPOSED DRAIN PIPES AND FITTINGS SHALL BE FINISHED IN FEDERAL STANDARD COLOR NO. 26622 IN ACCORDANCE WITH SAE-AMS-STD-595. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SELECT MATERIALS THAT ARE COMPATIBLE WITH THIS COLOR FINISH AND CAPABLE OF ACCEPTING AND RETAINING THE SPECIFIED COLOR THROUGH APPROPRIATE COATING OR MANUFACTURING PROCESSES.

ALL DRAIN PIPES AND FITTINGS SHALL CONFORM TO THE MATERIAL REQUIREMENTS OF C&MS 518.07. FITTINGS SHALL BE OF THE SAME MATERIAL AND QUALITY AS THE PIPE, WITH WATERTIGHT JOINTS OF ADEQUATE STRENGTH, AND SHALL BE FINISHED TO MATCH THE SPECIFIED COLOR.

PAYMENT FOR ALL WORK DESCRIBED HEREIN, INCLUDING FURNISHING, FINISHING, AND INSTALLING THE DRAIN PIPES AND FITTINGS IN THE SPECIFIED COLOR, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROPRIATE PIPE PAY ITEM. NO ADDITIONAL PAYMENT WILL BE MADE FOR COATINGS OR FINISHES, REGARDLESS OF THE METHOD USED TO ACHIEVE THE SPECIFIED COLOR.



HAM-71-5.05 DOWNSPOUT REMOVAL



HAM-71-5.05 DOWNSPOUT REPLACEMENT

VIEW A-A

CLEANOUT DETAIL

HAM IR 71 5.05

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/16/2026 TIME: 1:31:29 PM USER: gfreeman
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DOWNSPOUT REPLACEMENT DETAILS
BRIDGE No.: HAM-71-0505
WOODBURN AVE. OVER IR-71

SFN 3114600
DESIGN AGENCY



DESIGNER	CHECKER
BCP	GTF
REVIEWER	CAH
PROJECT ID	105220
SUBSET	TOTAL
9	9
SHEET	TOTAL
20	20