

SEC. 26, T. 3N., R. 1E., W.M.
CITY OF VANCOUVER

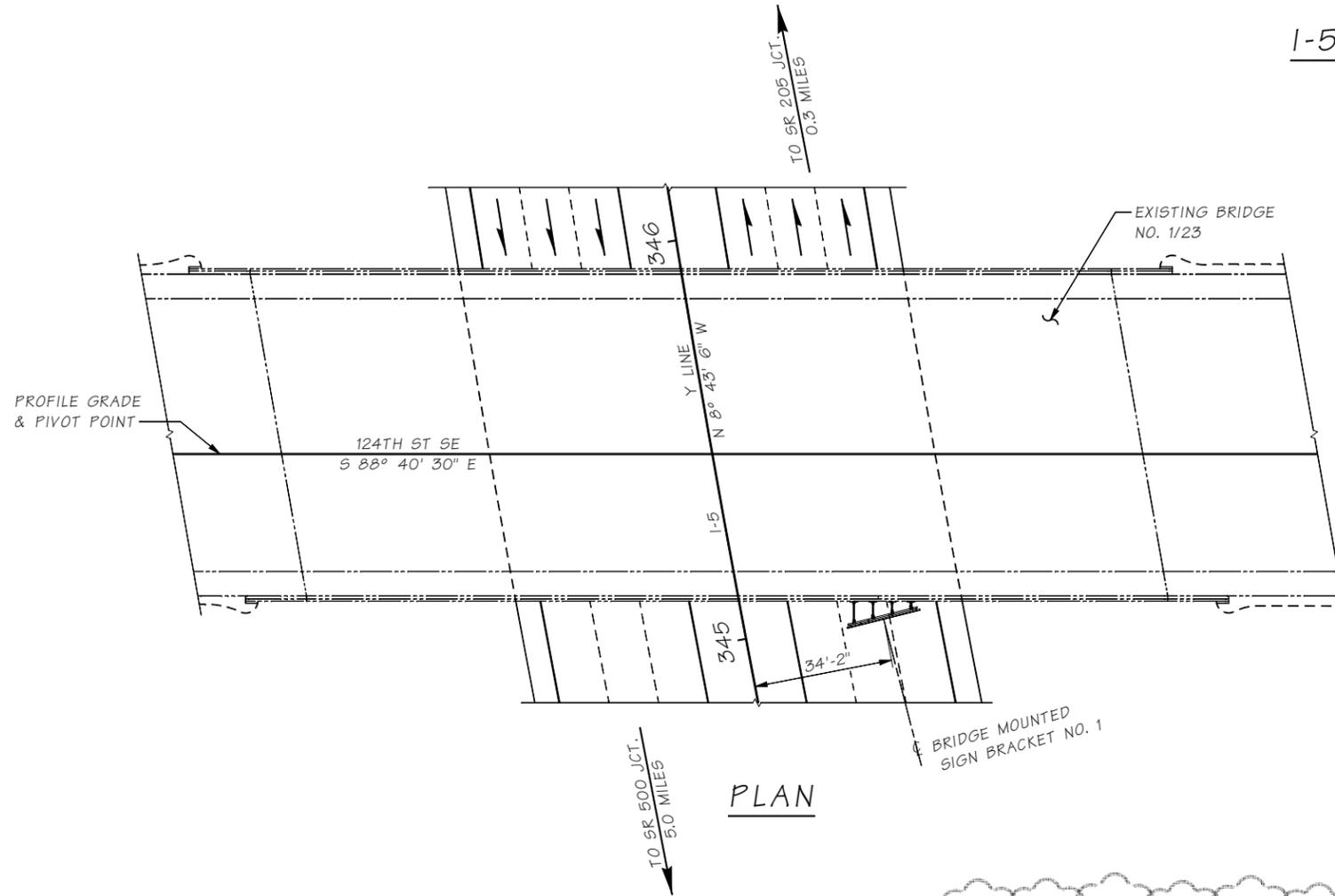
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GENERAL NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2018 AND AMENDMENTS.
- SIGN SUPPORT COMPONENTS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, DATED 2009 AND INTERIMS, USING BASIC WIND SPEED OF 90 MPH AND 50 YEARS OF DESIGN LIFE.
- MATERIAL SPECIFICATIONS:

PLATES AND BARS	ASTM A 36
PIPES	ASTM A 53, GRADE B, OR ASTM A 500, GRADE B
BRACING ROD	ASTM A 307
BOLTS, NUTS & WASHERS (UNLESS NOTED OTHERWISE)	STD SPEC. 9-06.5(1)
U-BOLTS, LOCKNUTS & WASHERS (UNLESS NOTED OTHERWISE)	STAINLESS STEEL CONFORMING TO STD SPEC. 9-28.11
RESIN BONDED ANCHORS (ALL THREAD)	ALL THREADED ROD: ASTM F 593, TYPE 304 NUT: ASTM F 594, TYPE 304 WASHERS: ASTM A 240, TYPE 304
EPOXY BONDING AGENT	STD SPEC. 9-26.1 (TYPE IV)
- ALL NON-STAINLESS STEEL PARTS SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M111 AFTER FABRICATION. BOLTS AND HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M232.
- SIZE OF FILLET WELDS SHALL BE 1/4" MINIMUM EXCEPT WHERE NOTED OTHERWISE.
- FOR W4X13 DETAILS SEE STANDARD PLAN G-90.10 AND G-90.40. WHERE W4X13 SPACING CONFLICTS WITH THE VERTICAL AND HORIZONTAL PIPE CONNECTION, THE SPACING MAY BE MODIFIED SO THE MAXIMUM SPACING DOES NOT EXCEED 6 FEET AND THE EDGE DISTANCE DOES NOT EXCEED 3 FEET.
- THE DIMENSIONS SHOWN IN THE PLANS ARE BASED ON CONTRACT RECORDS. THESE DIMENSIONS SHALL BE FIELD MEASURED AND VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.
- RESIN BONDED ANCHOR HOLES SHALL NOT BE CORE DRILLED.



PLAN

NOTE TO DESIGNER:
UPDATE PLAN VIEW TO MATCH YOUR PROJECT.
INCLUDE ONLY PROJECT ALIGNMENT INFORMATION
NECESSARY TO LOCATE THE SIGN AND BRACKET
ON THE BRIDGE.

LEGEND

- IDENTIFIES SECTION OR VIEW
- TAKEN OR SHOWN ON BRIDGE SHEET 15
- IDENTIFIES DETAIL
- TAKEN OR SHOWN ON THE SAME SHEET

LAST REVISED ON: 1/17/2018

10.1-A6-1
SR FILE NO. JOB SHEET 1

Bridge Design Engr.	M:\STANDARDS\Bridge Mounted Sign Bracket\1 - BMSB LAYOUT.MAN						
Supervisor			REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Designed By			10	WASH.			
Checked By			JOB NUMBER				
Detailed By							
Bridge Projects Engr.							
Prelim. Plan By							
Architect/Specialist	DATE	REVISION	BY	APP'D			

BRIDGE AND STRUCTURES OFFICE



STANDARD
BRIDGE MOUNTED SIGN BRACKET
BRIDGE MOUNTED SIGN BRACKET NO. 1
LAYOUT

BRIDGE SHEET NO. 1 OF SHEETS