

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	BRO-0327(005)	2021	1	68

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SHEET NO.	DESCRIPTION
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R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS
 SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED MARCH 2018, WITH ALL REVISIONS AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, AMENDED MARCH 2018, WITH ALL REVISIONS.

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN, PROFILE AND SECTIONS OF PROPOSED STATE HIGHWAY RESERVOIR AVENUE RR BRIDGE NO. 327 (59C) SUPERSTRUCTURE REPLACEMENT

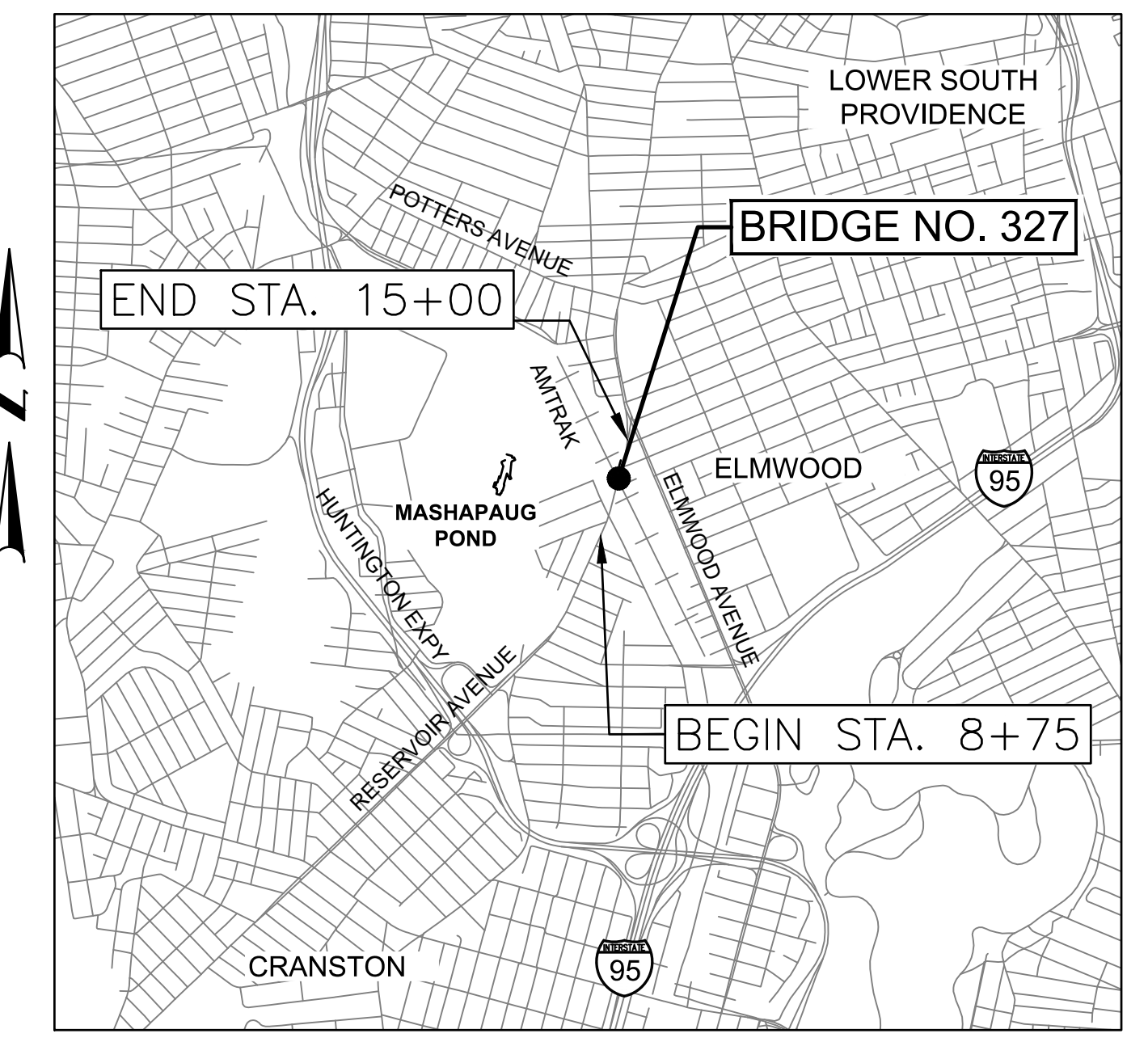
RESERVOIR AVENUE OVER AMTRAK MP 181.66 VOLUME 1 OF 2 - HIGHWAY PLANS

CITY OF PROVIDENCE
 COUNTY OF PROVIDENCE

R.I. CONTRACT NO. 2021-CB-012 F.A. PROJECT NO. BRO-0327 (005)

PAVEMENT STRUCTURE (FDC)
 1.5" MODIFIED CLASS 9.5 HMA
 10.5" CLASS 19 HMA
 12" (MINIMUM) GRAVEL BORROW SUBBASE

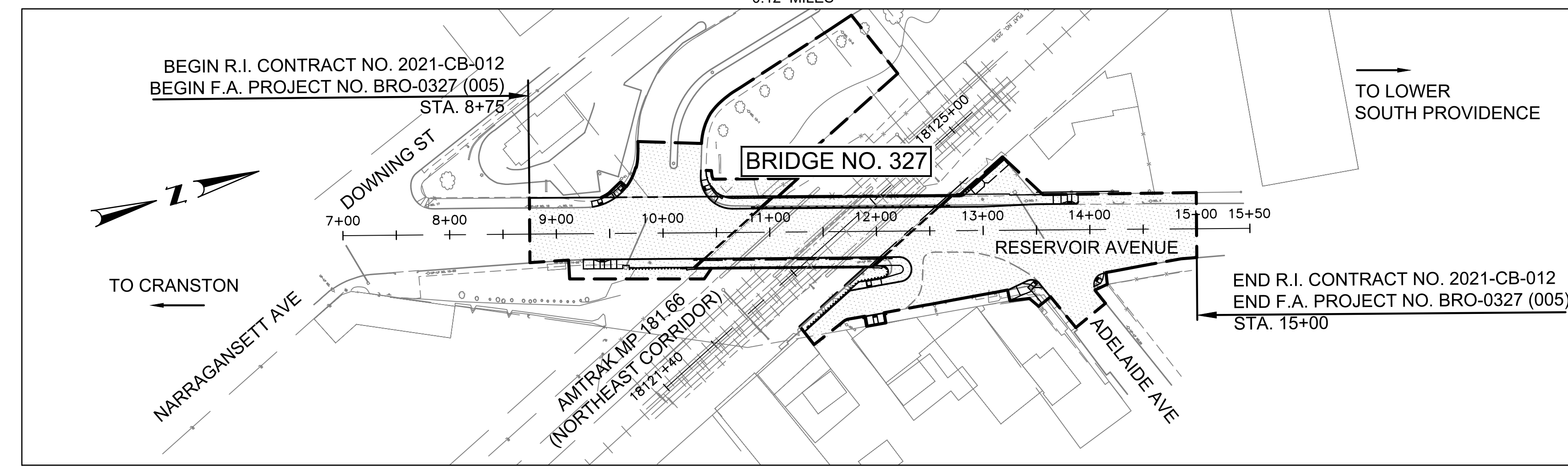
PAVEMENT STRUCTURE (MMO)
 1.5" MICRO-MILLING
 1.5" MODIFIED CLASS 9.5 HMA



LOCATION MAP
 SCALE: 1"=2,000'

DESIGN DESIGNATION

RESERVOIR AVENUE	
AADT (2017)	12,690 V.P.D.
AADT (2037)	14,300 V.P.D.
D	51%
K	0.045%
T	10%
DDHV	320 V.P.H.
DHV	7,220 V.P.H.
DESIGN SPEED	30 M.P.H.



LAYOUT PLAN
 SCALE: 1" = 80'

SCALES OF DRAWINGS

Plans	1 inch = 20 & 40 feet
Profiles	1 inch = 20 feet Horizontal
Profiles	1 inch = 4 feet Vertical
Cross Sections	1 inch = 4 feet Horizontal
Cross Sections	1 inch = 4 feet Vertical

BASE OF LEVELS
 NAVD 88 VERTICAL
 RI STATE PLANE COORDINATE SYSTEM
 NAD 83 HORIZONTAL

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 166 VALLEY STREET, BUILDING 5
 PROVIDENCE, RI 02909
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Contract Number 2021-CB-012
 Number of Sheet 1
 Total Sheets 68

R.I. DEPARTMENT OF TRANSPORTATION	
APPROVED	
ADMINISTRATOR, PROJECT MANAGEMENT	DATE
APPROVED	
CHIEF ENGINEER OF INFRASTRUCTURE	DATE
APPROVED	
DIRECTOR	DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	
DIVISION ADMINISTRATOR	DATE