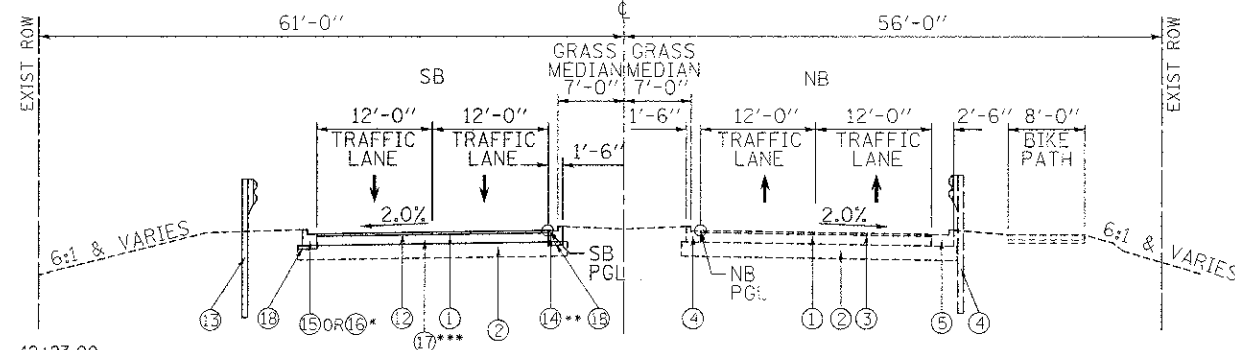


**EXISTING TYPICAL ROADWAY SECTION**

STA. 38+45.31 TO STA. 40+11.36  
 STA. 40+52.52 TO STA. 43+46.38



**PROPOSED TYPICAL ROADWAY SECTION**

STA. 38+45.31 TO STA. 39+75.36  
 STA. 40+88.52 TO STA. 43+46.38

- \* STA. 39+40 TO STA. 42+23.00
- \*\* STA. 38+45.31 TO STA. 43+46.38
- \*\*\* STA. 39+75.36 TO STA. 39+81.36  
 STA. 40+82.52 TO STA. 40+88.52

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

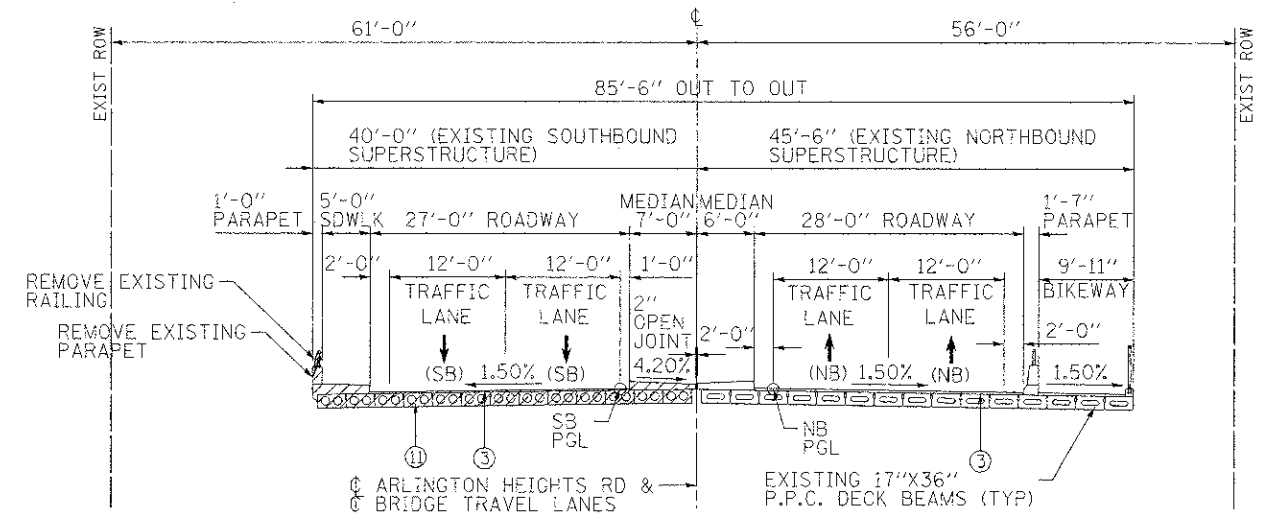
MIXTURE TYPE	AIR VOIDS @ NDES
ARLINGTON HEIGHTS ROAD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5MM), 3"	4% @ 90 GYR.
TEMPORARY ROAD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.
TEMPORARY PAVEMENT (HOT-MIX ASPHALT BINDER COURSE, 1L-19 mm), 8", 3 LIFTS	
TEMPORARY OVERLAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1 1/2"	4% @ 50 GYR.

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

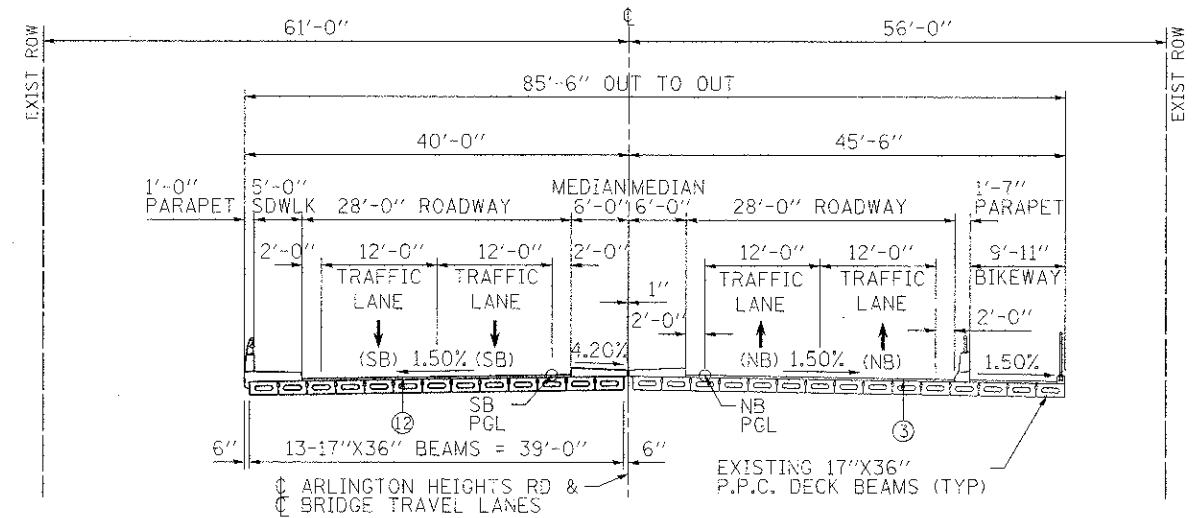
**STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: YEAR 2030  
 PV = 30,127 SU = 962 MU = 961  
 ROAD/STREET CLASSIFICATION: CLASS 1  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 94 S = 3 M = 3  
 TRAFFIC FACTOR: ACTUAL TF = 5.47 AC TYPE = N/A  
 MINIMUM TF = N/A  
 PG GRADE: BINDER = N/A SURFACE = N/A  
 SUBGRADE SUPPORT RATING:  
 SSR = POOR



**EXISTING TYPICAL BRIDGE SECTION**

STA. 40+11.36 TO STA. 40+52.52



**PROPOSED TYPICAL BRIDGE SECTION**

STA. 39+81.36 TO STA. 40+82.52

**LEGEND**

- ① EXISTING PCC PAVEMENT
- ② EXISTING SUBGRADE
- ③ EXISTING HMA OVERLAY
- ④ EXISTING GUARDRAIL
- ⑤ EXISTING CURB AND GUTTER, TYPE B-6.12
- ⑥ EXISTING CURB AND GUTTER, TYPE B-6.24
- ⑦ EXISTING BRIDGE APPROACH SLAB
- ⑧ PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1/2"
- ⑨ COMBINATION CURB AND GUTTER REMOVAL
- ⑩ GUARDRAIL REMOVAL
- ⑪ REMOVE PORTLAND CEMENT CONCRETE DECK BEAMS
- ⑫ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 3"
- ⑬ STEEL PLATE BEAM GUARDRAIL
- ⑭ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑮ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ⑰ BRIDGE APPROACH PAVEMENT CONNECTOR
- ⑱ AGGREGATE BASE COURSE, TYPE B 4"