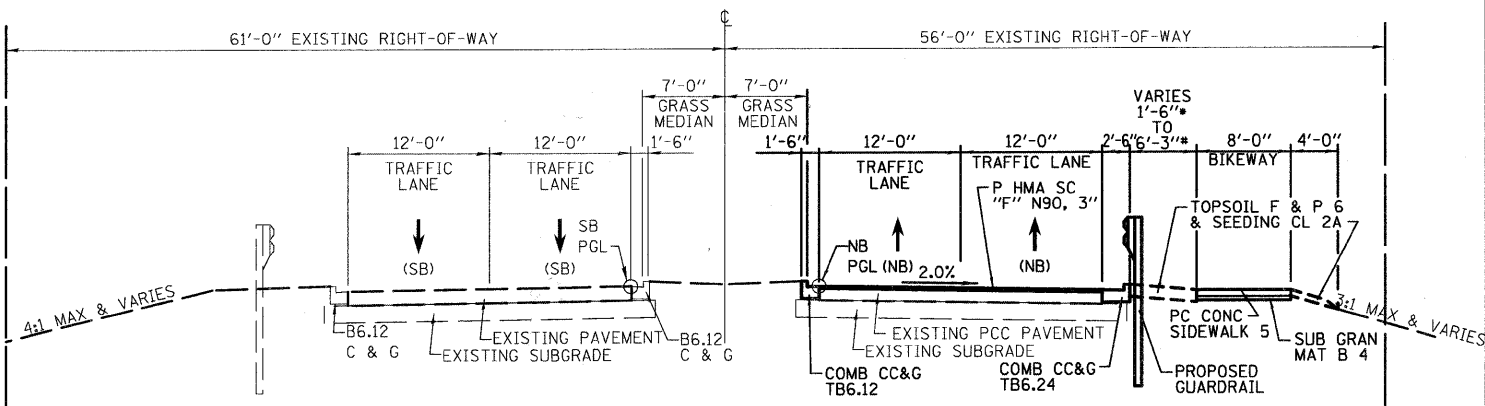


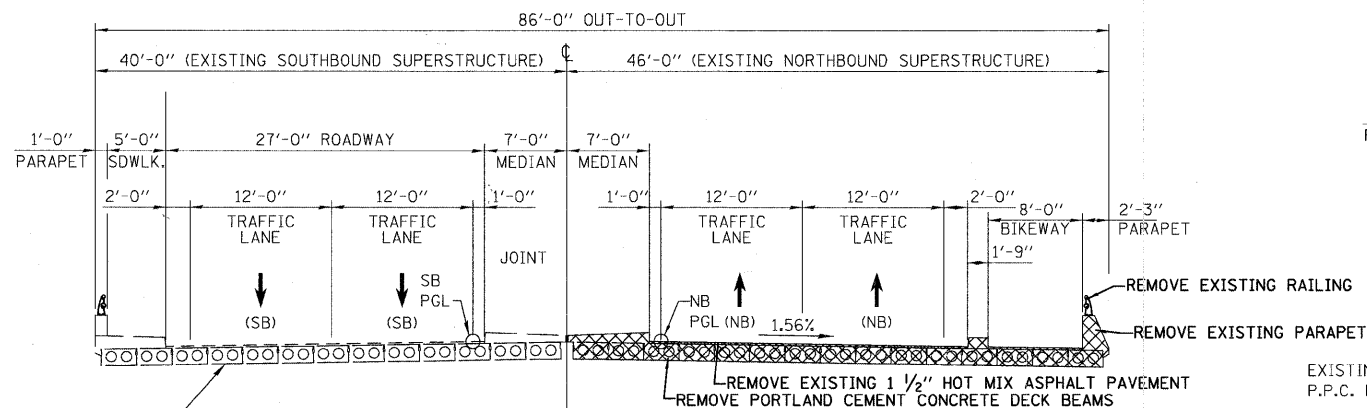
ARLINGTON HEIGHTS ROAD
EXISTING TYPICAL ROADWAY SECTION

STA. 38+93.00 TO STA. 39+81.33
STA. 40+82.49 TO STA. 42+40.00



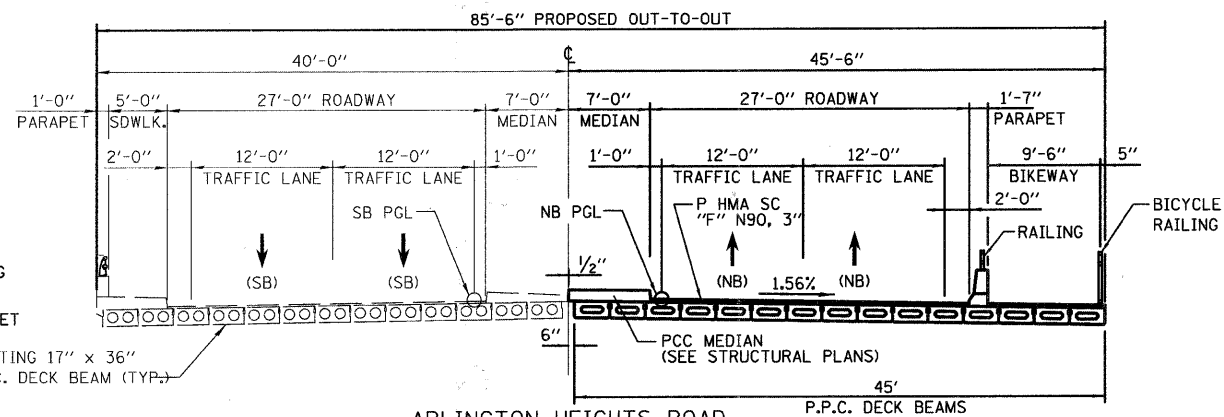
ARLINGTON HEIGHTS ROAD OVER BUFFALO CREEK
PROPOSED TYPICAL ROADWAY SECTION

STA. 31+93.00 TO STA. 39+81.33
STA. 40+82.49 TO STA. 42+40.00
* STA. 31+93.00 TO STA. 38+87.88
* STA. 38+87.88 TO STA. 39+81.33 AND
STA. 40+82.49 TO STA. 42+40.00



ARLINGTON HEIGHTS ROAD
EXISTING TYPICAL BRIDGE SECTION

STA. 39+81.33 TO STA. 40+82.49



ARLINGTON HEIGHTS ROAD
PROPOSED TYPICAL BRIDGE SECTION

STA. 39+81.33 TO STA. 40+82.49

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 SURFACE = N/A
PG GRADE: BINDER = N/A
SUBGRADE SUPPORT RATING:
SSR = POOR

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	VOIDS
ARLINGTON HEIGHTS ROAD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5MM), 3"	4% @ 90 GYR.
TEMPORARY ROAD	
TEMPORARY PAVEMENT (HOT-MIX ASPHALT BINDER COURSE, IL-19 mm), 6"	4% @ 50 GYR.
TEMPORARY OVERLAY	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5MM), 1 1/2"	4% @ 90 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 70-22" 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.

FILE NAME =
LC0907-sht-typical.dgn

USER NAME = 320200707
PLOT SCALE = 20.0000 "/ IN.
PLOT DATE = 10/25/2010

DESIGNED - TC
DRAWN - PWL
CHECKED - MRH
DATE - 10/25/2010

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2626	05-00193-04-BR	LAKE	36	5

CONTRACT NO. 63531
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT