

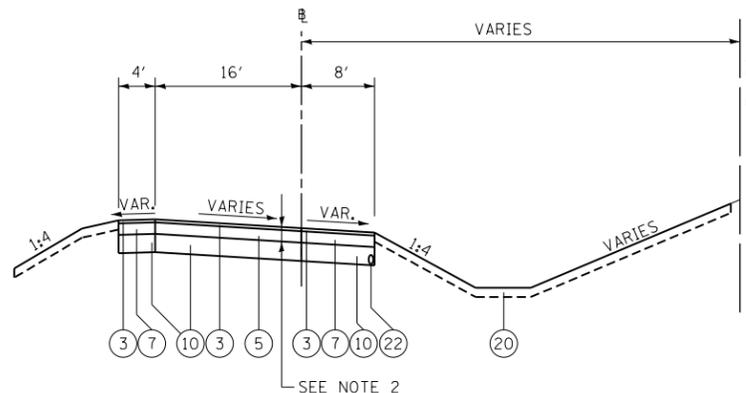
PROPOSED TYPICAL SECTION

INTERSTATE 94
 STATION 420+27.00 TO STATION 437+39.26
 • WB AUXILIARY LANE RECONSTRUCTION LIMITS FROM STATION 850+00.00 TO STATION 863+43.12
 VARIES 1' AT STATION 850+00.00 TO 12' AT STATION 852+75.22
 • EB AUXILIARY LANE RECONSTRUCTION LIMITS FROM STATION 810+77.35 TO STATION 822+63.79
 VARIES 12' AT STATION 817+13.68 TO 1' AT STATION 822+63.79

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

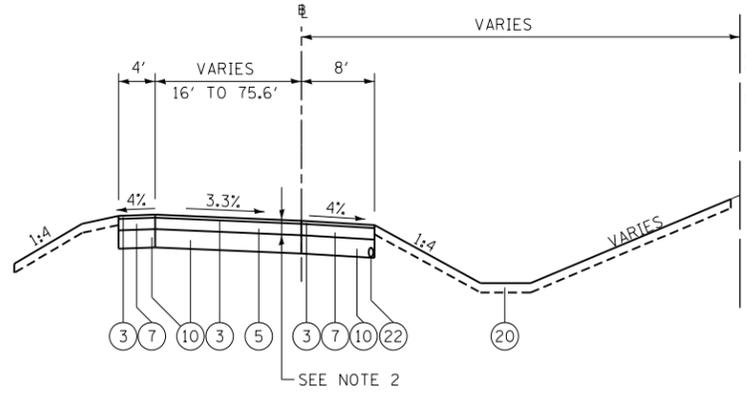
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
SUNSET RIDGE RD (SOUTH LEG), OLD WILLOW RD, SOMERSET LN, CHAPEL HILL LN, WAGNER RD, EATON ST, DICKENS ST, CHURCHILL ST, NORTH BRISTOL ST, BRISTOL ST, ALICE PLACE, NORTHFIELD RD, WALNUT ST	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 1 1/2"	4% @ 50 GYRATIONS
SUNSET RIDGE RD (NORTH LEG), HAPP RD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 1 1/2"	4% @ 70 GYRATIONS
WILLOW RD, IL RTE 43	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 1 3/4"	4% @ 90 GYRATIONS
FULL DEPTH PAVEMENT	
INTERSTATE 94 AUXILIARY LANES	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 2"	4% @ 90 GYRATIONS
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 12 1/4" (IN 5 LIFTS)	4% @ 90 GYRATIONS
INTERSTATE 94 RAMP D	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 2"	4% @ 70 GYRATIONS
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 7 1/2" (IN 3 LIFTS)	4% @ 70 GYRATIONS
SHOULDER RECONSTRUCTION	
INTERSTATE 94 AUXILIARY LANES	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 2"	4% @ 90 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 12 1/4" (IN 5 LIFTS)	4% @ 70 GYRATIONS
INTERSTATE 94 RAMP D	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 2"	4% @ 70 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 7 1/2" (IN 3 LIFTS)	4% @ 70 GYRATIONS
OLD WILLOW ROAD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"	4% @ 50 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 6" (IN 2 LIFTS)	4% @ 50 GYRATIONS
GUARDRAIL AND CURB AND GUTTER TRANSITION TO SHOULDER LOCATIONS	
HMA SHOULDER (HMA BINDER IL-19 mm) 6" (IN 2 LIFTS)	4% @ 50 GYRATIONS
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)	
TEMP PAVEMENT (HMA BINDER IL-19 mm) 8" (IN 3 LIFTS)	4% @ 50 GYRATIONS
DRIVEWAY	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL-19 mm) PE - 6", CE - 8"	4% @ 50 GYRATIONS
BIKEWAY (MULTI-USE PATH)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 3"	4% @ 50 GYRATIONS
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATIONS
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATIONS

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.
 PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION

INTERSTATE 94 RAMP D
 STATION 871+65.12 TO STATION 872+80.41
 NOTE: TRANSITION RAMP D SUPERELEVATION FROM 6.0% TO 3.3% UNIFORMLY OVER THE STATION RANGE LISTED. MAX ROLLOVER FOR LEFT RAMP SHOULDER SHALL NOT EXCEED 8%.



PROPOSED TYPICAL SECTION

INTERSTATE 94 RAMP D
 STATION 872+80.41 TO STATION 873+27.01

- NOTES:
- INTERSTATE 94 AUXILIARY LANE PAVEMENT TO BE PAID AS ITEM NUMBER 40701966, HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14-1/4", PAID IN SQUARE YARDS.
 - INTERSTATE 94 RAMP D PAVEMENT TO BE PAID AS ITEM NUMBER 40701871, HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-1/2", PAID IN SQUARE YARDS.

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EXPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EXPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\160T35-SHT-TYPICAL.dgn		DRAWN - MNB	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 34 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	34
				CONTRACT NO. 60T35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				