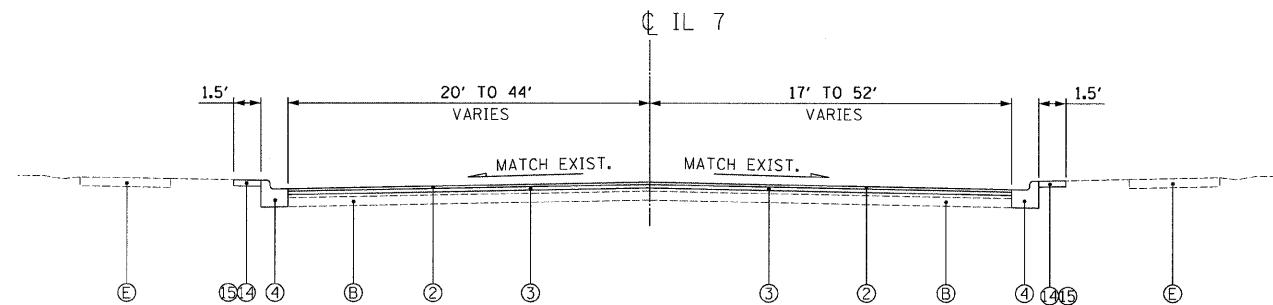


EXISTING TYPICAL SECTION
STA. 140+30 TO STA. 144+28
STA. 189+80 TO STA. 214+40
STA. 226+30 TO STA. 238+29
STA. 246+46 TO STA. 262+52
STA. 288+30 TO STA. 300+18



PROPOSED TYPICAL SECTION
STA. 140+30 TO STA. 144+28
STA. 189+80 TO STA. 214+40
STA. 226+30 TO STA. 238+29
STA. 246+46 TO STA. 262+52
STA. 288+30 TO STA. 300+18

EXISTING CONDITIONS:

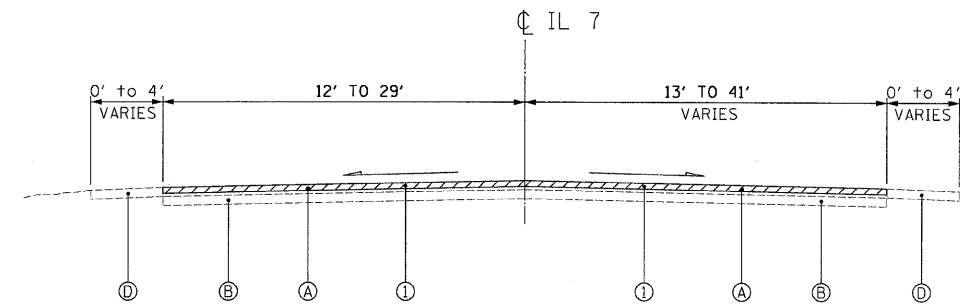
- A HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" AND VARIES
- B PCC BASE COURSE, 10" +/-
- C COMBINATION CONCRETE CURB AND GUTTER
- D AGGREGATE SHOULDER 6" AND VARIES
- E PCC SIDEWALK
- F PRIVATE DRIVEWAYS

PROPOSED IMPROVEMENTS:

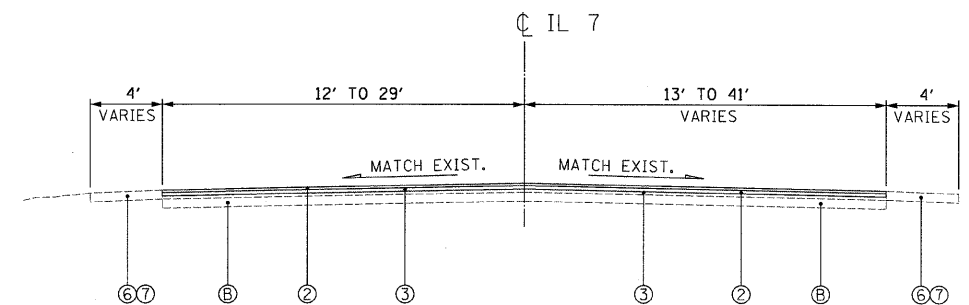
- 1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- 2 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- 3 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 4 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY ENGINEER)
- 5 CLASS D PATCHES, 10" (DETERMINED BY ENGINEER IN FIELD)
- 6 AGGREGATE WEDGE SHOULDER, TYPE B
- 7 GRADING AND SHAPING SHOULDERS
- 8 PAVEMENT REMOVAL
- 9 PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- 10 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2-1/4"
- 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, DEPRESSED CURB (TYPICAL)
- 12 HOT-MIX ASPHALT BASE COURSE, 6" (AT DRIVEWAYS ONLY)
- 13 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (AT DRIVEWAYS ONLY)
- 14 TOPSOIL FURNISH AND PLACE, 4"
- 15 SODDING, SALT TOLERANT

A QUANTITY FOR LEVELING BINDER (HAND METHOD) HAS BEEN PROVIDED FOR USE AT PRIVATE ENTRANCES, AROUND HAND HOLES, PRIVATE UTILITY STRUCTURE FRAMES, AND ANY OTHER STRUCTURE FRAMES THAT ARE NOT ABLE TO BE LOWERED UNDER THE ITEM "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)" AFTER GRINDING OF EXISTING PAVEMENT.

¹ QUANTITIES FOR EARTH EXCAVATION AND AGGREGATE BASE REPAIR HAVE BEEN INCLUDED FOR SUBGRADE FAILURES BELOW THE CLASS D PATCHES



EXISTING TYPICAL SECTION
STA. 146+83 TO STA. 151+91
STA. 184+10 TO STA. 186+79
STA. 214+40 TO STA. 226+30
STA. 238+29 TO STA. 246+46
STA. 262+52 TO STA. 288+30



PROPOSED TYPICAL SECTION
STA. 146+83 TO STA. 151+91
STA. 184+10 TO STA. 186+79
STA. 214+40 TO STA. 226+30
STA. 238+29 TO STA. 246+46
STA. 262+52 TO STA. 288+30

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART

OPERATIONS	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY RESURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR
ROADWAY RECONSTRUCTION	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	4% @ 90 GYR
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90	4% @ 90 GYR
MAINTENANCE OF TRAFFIC	LEVELING BINDER (HAND METHOD), N70 (IL-9.5MM)	4% @ 70 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 10" (HMA BINDER IL-19 MM)	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR
DRIVES BEHIND CURB	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5MM) 2" THICKNESS	4% @ 50 GYR
	HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19 MM)	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

CONTRACTOR SHALL PATCH BEFORE MILLING

FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

FILE NAME: N:\PROJECTS\3368\3368-28-Design\ProposedPlan\3368-28-04-Typical.bds



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CONSULTING ENGINEERS
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USER NAME = alau	DESIGNED - AL	REVISED -
PLOT SCALE = 5,0000' / IN.	DRAWN - AL	REVISED -
PLOT DATE = 12/15/2009	CHECKED - SNS	REVISED -
	DATE = 12/11/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 7 /159TH STREET IL 53 (INDEPENDENCE BLVD) TO I-355 (VETERANS MEMORIAL TOLLWAY) TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(535 B-6R & 536) RS-4	WILL	35	5
CONTRACT NO. 60H62				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				