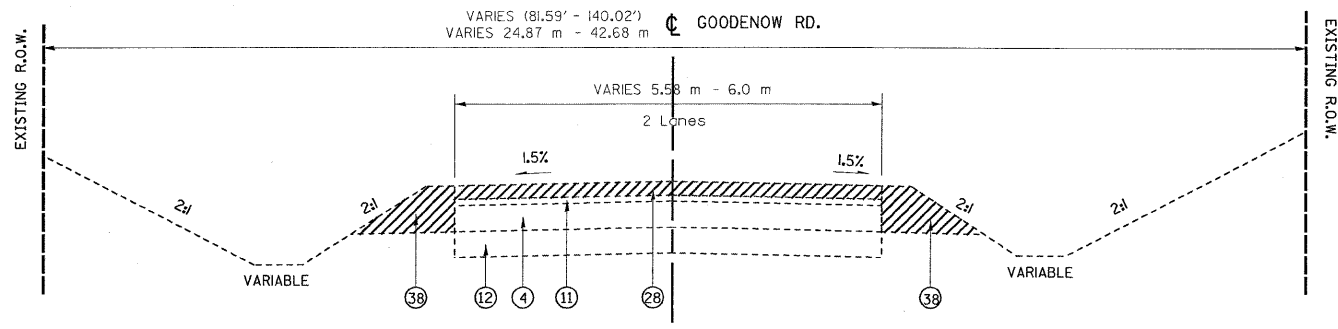
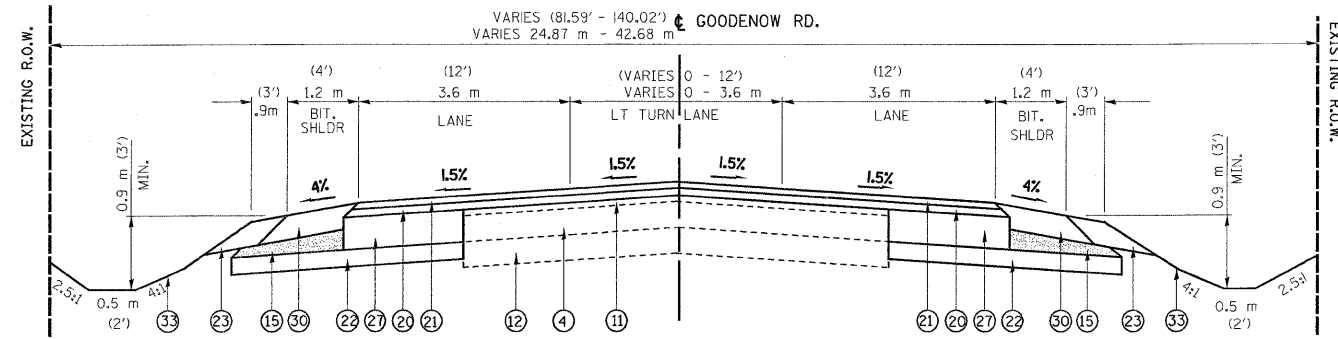


\*REF-  
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	21
STA. 4+100	TO STA. 4+311			
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION  
GOODENOW RD.  
STA 4+100 TO STA 4+311



PROPOSED TYPICAL SECTION  
GOODENOW RD.  
STA 4+100 TO STA 4+311

LEGEND:

- |   |  |  |  |   |
|---|--|--|--|---|
| 1 EXIST. PCC PAVEMENT 140 mm (5.5")     | 13 PROP. PAVEMENT REMOVAL (STA. 61+375-61+475)                                 | 24 PROP. LEVELING BINDER (MM), N70, 19 mm (0.75")  | 34 PROP. SODDING, SALT TOLERANT WITH 100 mm TOPSOIL PLACEMENT  | 41 PROP. HMA SURF. CRSE., MIX "D", N50, 38 mm (1.5")    |
| 2 EXIST. PCC PAVEMENT 265 mm (10.5")    | 14 PROP. AGGREGATE SUBGRADE, 300 mm (12")                                      | 25 PROP. POLYMERIZED HMA SURFACE CRSE, MIX "F", N90, 44 mm (1.75")   | 35 PROP. HMA SURFACE REMOVAL 40 mm (1.5")  | 42 PROP. NORSE ABUTEMENT WALL, GROUND MOUNTED           |
| 3 EXIST. PCC PAVEMENT 260 mm (10.25")   | 15 PROP. SUBBASE GRANULAR MATERIAL, TYPE C                                     | 26 PROP. HMA SHOULDER, 150 mm (6")   | 36 PROP. HMA SURFACE REMOVAL, 60 mm (2.25")  | 43 PROP. HMA BASE CRSE., N50, 115 mm                    |
| 4 EXIST. CAM/PCC PAVEMENT 165 mm (6.5") | 16 PROP. POLYMERIZED HMA BINDER CRSE. IL-19, N90, 395 mm (15.5"), (IN 4 LIFTS) | 27 PROP. PCC BASE COURSE, 245 mm (9.5")  | 37 PROP. HMA SURFACE REMOVAL, 25 mm (1")   | 44 PROP. HMA BASE CRSE., 200 mm                         |
| 5 EXIST. HMA PAVEMENT 250 mm (9.75")    | 17 PROP. HMA SHOULDER, 255 mm (10") (IN 3 LIFTS)                               | 28 PROP. HMA SURFACE REMOVAL 65 mm (2.5")  | 38 PROP. PAVED SHOULDER REMOVAL  | PROP. HMA SURF. CRSE., MIX "C", N50, 50 mm (2.0"), TYP. |
| 6 EXIST. HMA PAVEMENT, 210 mm (8.25")   | 18 PROP. STABILIZED SUBBASE (HMA BINDER, IL-19.00 mm)                          | 29 PROP. STEEL PLATE BEAM GUARDRAIL  | 39 PROP. AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL), TYP         | PROP. HMA SURF. CRSE., MIX "C", N50, 50 mm (2.0")       |
| 7 EXIST. HMA PAVEMENT, 90 mm (3.5")     | 19 PROP. JOINTED PCC PAVEMENT, 240 mm (9.375")                                 | 30 PROP. HMA SHOULDER, 200 mm (8")   | 40 No. 19 TIE BARS GROUTED IN PLACE AT 600 mm (24") O.C. INCLUDED IN COST OF PCC PAVEMENT AND PCC SHOULDER |   |
| 8 EXIST. HMA PAVEMENT, 180 mm (7.25")   | 20 PROP. LEVELING BINDER (MM), N70, 25 mm (1")                                 | 31 PROP. COMBINATION CURB & GUTTER TYPE M-10.30  |  |   |
| 9 EXIST. HMA PAVEMENT, 240 mm (9.375")  | 21 PROP. HMA SURF. CRSE., MIX "D", N70, 38 mm (1.5")                           | 32 PROP. COMBINATION CURB & GUTTER TYPE B-15.30  |  |   |
| 10 EXIST. HMA PAVEMENT, 127 mm (5")     | 22 PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 100 mm (4")                        | 33 PROP. TOPSOIL FURNISH & PLACE, 100mm (FORESLOPE) SEEDING CLASS 2A COMPOST FURNISH & PLACE, 100mm (BLACKSLOPE) SEEDING CLASS 4 EROSION CONTRIL BLANKET |  |   |
| 11 EXIST. HMA PAVEMENT, 120 mm (4.625") | 23 PROP. AGGREGATE SHOULDER, TYPE B, 6"  |  |  |   |
| 12 EXIST. AGGREGATE BASE, 165 mm (6.5") |  |  |  |   |

NOTE: 1 • TOP OF THE 395 mm (15-1/2) HMA BINDER CRSE LIFT SHALL BE LEVEL WITH TOP OF MILLED SURFACE OF EXISTING AC OVERLAY  
2 • TOP OF NEW BASE COURSE SHALL BE LEVEL WITH TOP OF MILLED SURFACE OF EXISTING AC OVERLAY.  
3 • ILL. RTE. 1 STATION INCREASES FROM NORTH TO SOUTH

	HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
	MIXTURE TYPE	AIR VOIDS @ NDES
WIDENING / RESURFACING - IL 394	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, IL 9.5 mm, N90	4% @ 90 GYR
	LEVELING BINDER (MACHINE METHOD) IL-19.0, N70	4% @ 70 GYR
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR
WIDENING - GOODENOW ROAD	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR
	LEVELING BINDER, (MACHINE METHOD), N70 (IL 9.5 mm)	4% @ 70 GYR
DRIVEWAYS	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL 9.5 mm	4% @ 50 GYR
	HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	4% @ 50 GYR
TEMPORARY PAVEMENTS	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 GYR
	HMA BINDER (IL-19mm)	4% @ 70 GYR
CLASS D PATCHES	HMA BINDER (IL-19mm)	4% @ 70 GYR
HMA SHOULDER	HMA BINDER (IL-19mm)	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN  
FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
GOODENOW ROAD  
EXISTING AND PROPOSED  
TYPICAL SECTIONS

SCALE: NONE  
DATE: 8/27/2009  
DRAWN BY C.F.  
CHECKED BY R.K.