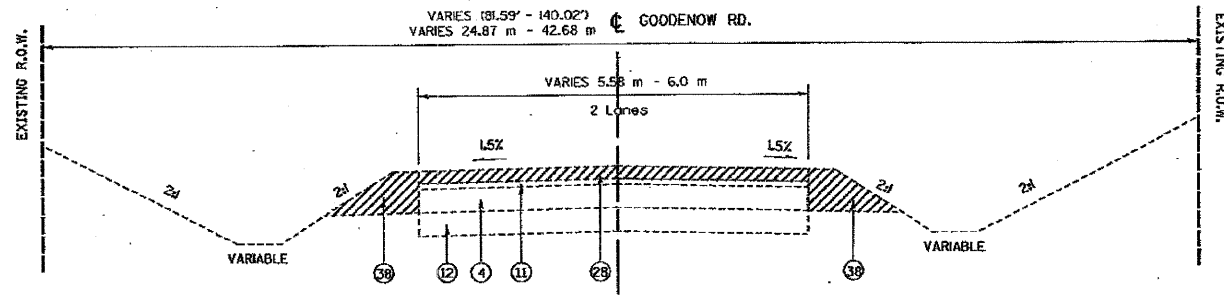
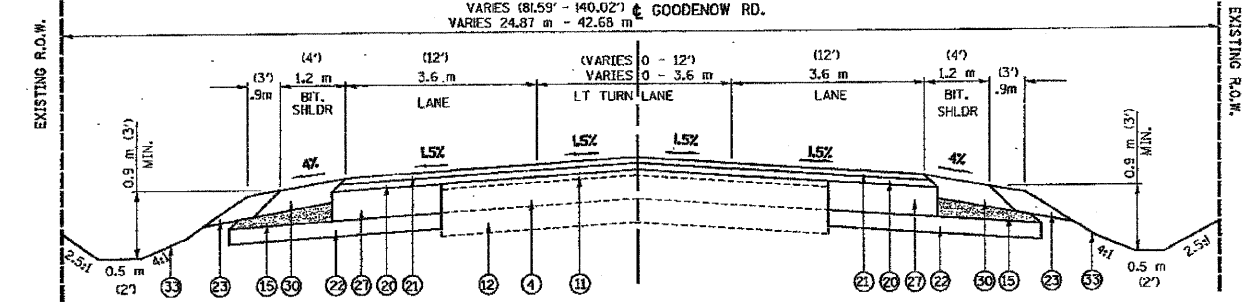


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	21
STA. 4+100	TO STA. 4+311			
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



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:

- | | | | | |
|--|---|---|---|--|
| <ul style="list-style-type: none"> ① EXIST. PCC PAVEMENT 140 mm (5.5") ② EXIST. PCC PAVEMENT 265 mm (10.5") ③ EXIST. PCC PAVEMENT 260 mm (10.25") ④ EXIST. CAM/PCC PAVEMENT 165 mm (6.5") ⑤ EXIST. HMA PAVEMENT 250 mm (9.75") ⑥ EXIST. HMA PAVEMENT, 210 mm (8.25") ⑦ EXIST. HMA PAVEMENT, 90 mm (3.5") ⑧ EXIST. HMA PAVEMENT, 180 mm (7.25") ⑨ EXIST. HMA PAVEMENT, 240 mm (9.375") ⑩ EXIST. HMA PAVEMENT, 127 mm (5") ⑪ EXIST. HMA PAVEMENT, 120 mm (4.625") ⑫ EXIST. AGGREGATE BASE, 165 mm (6.5") | <ul style="list-style-type: none"> ⑬ PROP. PAVEMENT REMOVAL (STA. 61+375-61+475) ⑭ PROP. AGGREGATE SUBGRADE, 300 mm (12") ⑮ PROP. SUBBASE GRANULAR MATERIAL, TYPE C ⑯ PROP. POLYMERIZED HMA BINDER CRSE. IL-19, N90, 395 mm (15.5"), (IN 4 LIFTS) ⑰ PROP. HMA SHOULDER, 255 mm (10") (IN 3 LIFTS) ⑱ PROP. STABILIZED SUBBASE (HMA BINDER, IL-19.00 mm) ⑲ PROP. JOINTED PCC PAVEMENT, 240 mm (9.375") ⑳ PROP. LEVELING BINDER (MM), N70, 25 mm (1") ㉑ PROP. HMA SURF. CRSE., MIX "D", N70, 38 mm (1.5") ㉒ PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 100 mm (4") ㉓ PROP. AGGREGATE SHOULDER, TYPE B, 6" | <ul style="list-style-type: none"> ㉔ PROP. LEVELING BINDER (MM), N70, 19 mm (0.75") ㉕ PROP. POLYMERIZED HMA SURFACE CRSE, MIX "F", N90, 44 mm (1.75") ㉖ PROP. HMA SHOULDER, 160 mm (6.3") ㉗ PROP. HMA BINDER CRSE, 185 mm (7 1/4") ㉘ PROP. HMA SURFACE REMOVAL 65 mm (2.5") ㉙ PROP. STEEL PLATE BEAM GUARDRAIL ㉚ PROP. HMA SHOULDER, 200 mm (8") ㉛ PROP. COMBINATION CURB & GUTTER TYPE M-10.30 ㉜ PROP. COMBINATION CURB & GUTTER TYPE B-15.30 ㉝ PROP. TOPSOIL FURNISH & PLACE, 100mm (FORESLOPE) SEEDING CLASS 2A ㉞ PROP. COMPOST FURNISH & PLACE, 100mm (BLACKSLOPE) SEEDING CLASS 4 ㉟ EROSION CONTRIL BLANKET | <ul style="list-style-type: none"> ㊳ PROP. SODDING, SALT TOLERANT WITH 100 mm TOPSOIL PLACEMENT ㊴ PROP. HMA SURFACE REMOVAL 40 mm (1.5") ㊵ PROP. HMA SURFACE REMOVAL, 60 mm (2.25") ㊶ PROP. HMA SURFACE REMOVAL, 25 mm (1") ㊷ PROP. PAVED SHOULDER REMOVAL ㊸ PROP. AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL), TYP ㊹ No. 19 TIE BARS GROUTED IN PLACE AT 600 mm (24") O.C. INCLUDED IN COST OF PCC PAVEMENT AND PCC SHOULDER | <ul style="list-style-type: none"> ㊺ PROP. HMA SURF. CRSE., MIX "D", N50, 38 mm (1.5") ㊻ PROP. NORSE ABUTEMENT WALL, GROUND MOUNTED ㊼ PROP. HMA BASE CRSE., N50, 115 mm ㊽ PROP. HMA SURF. CRSE., MIX "C", N50, 50 mm (2.0"), TYP. ㊾ PROP. HMA BASE CRSE., 200 mm ㊿ PROP. HMA SURF. CRSE., MIX "C", N50, 50 mm (2.0") |
|--|---|---|---|--|

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 CRSE, 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/50 YD³/IN
 FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION GOODENOW ROAD EXISTING AND PROPOSED TYPICAL SECTIONS
NAME	DATE	

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

REVISION Δ 10/28/09 SHB