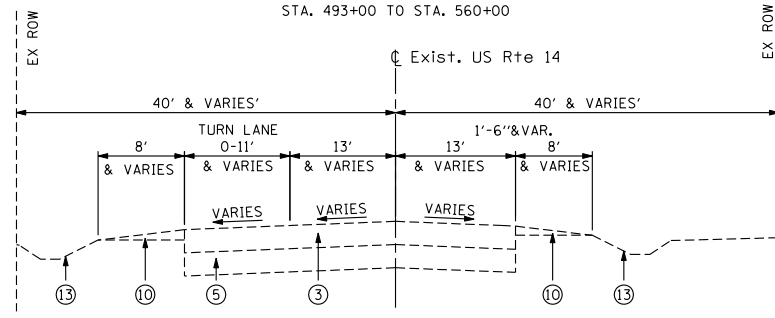
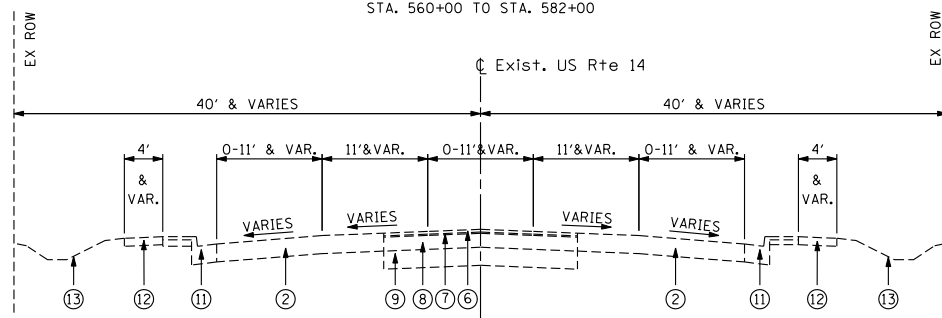


**TYPICAL EXISTING CROSS SECTION  
U.S. ROUTE 14  
STA. 493+00 TO STA. 560+00**



**TYPICAL EXISTING CROSS SECTION  
U.S. ROUTE 14  
STA. 560+00 TO STA. 582+00**



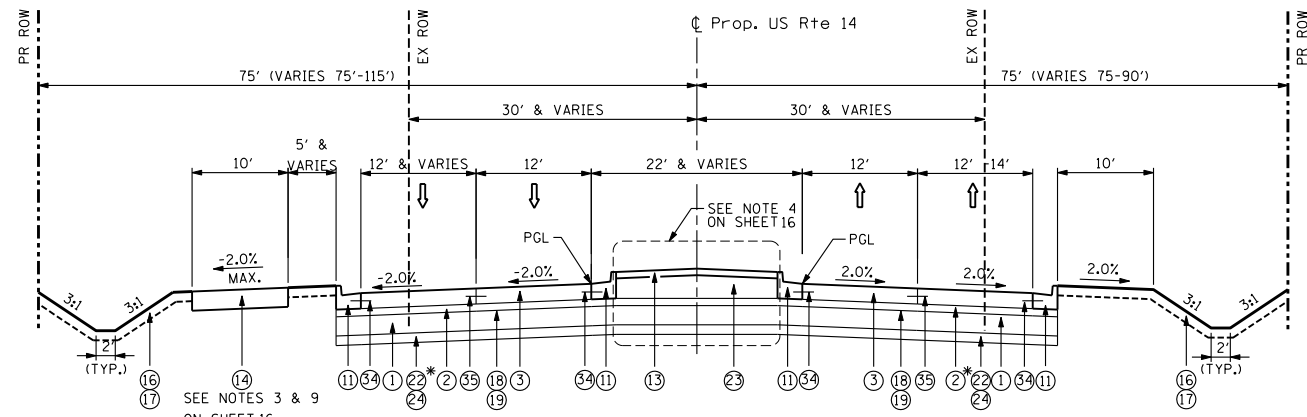
**TYPICAL EXISTING CROSS SECTION  
U.S. ROUTE 14  
STA. 582+00.00 TO STA. 619+25.58**

**EXISTING LEGEND**

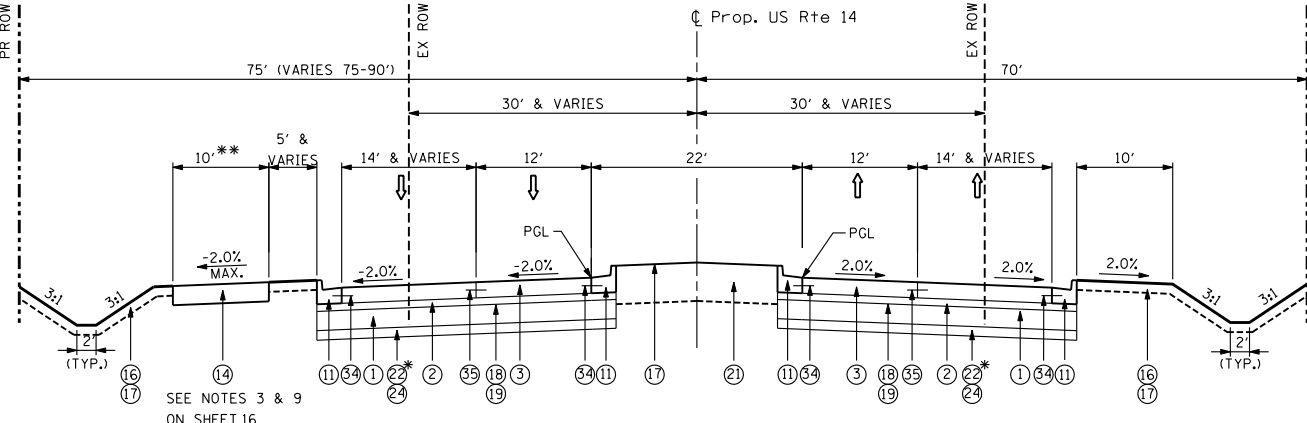
- ① EXISTING HMA PAVEMENT (VARIES 12"-18")
- ② EXISTING HMA PAVEMENT (VARIES 12"-16")
- ③ EXISTING HMA PAVEMENT (VARIES 9"-12")
- ④ EXISTING AGGREGATE SUBGRADE (VARIES 6"-18")
- ⑤ EXISTING PCC PAVEMENT (VARIES 6"-8")
- ⑥ EXISTING HMA SURFACE COURSE, 1 3/4"
- ⑦ EXISTING HMA BINDER, 3/4"
- ⑧ EXISTING HMA SURFACE, 5"
- ⑨ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9"
- ⑩ EXISTING AGGREGATE SHOULDER, 6"
- ⑪ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING TOPSOIL, 6"

**PROPOSED LEGEND**

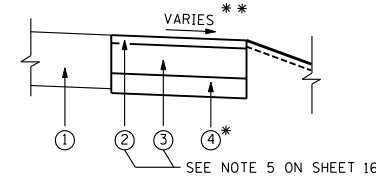
- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ③ PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑥ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑧ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑨ AGGREGATE SHOULDERS, TYPE B 9"
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ M.C.C.D. BIKETRAIL (SEE NOTE 3 ON SHEET 16)
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ PROPOSED TOPSOIL, 6" (SEE NOTE 6 ON SHEET 16)
- ⑰ SEEDING, CLASS 2A
- ⑱ BITUMINOUS MATERIALS (PRIME COAT)
- ⑲ AGGREGATE (PRIME COAT)
- ⑳ LONGITUDINAL CONSTRUCTION JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- ㉑ TOPSOIL FURNISH AND PLACE, 24"
- ㉒ POROUS GRANULAR EMBANKMENT
- ㉓ COURSE AGGREGATE FILL
- ㉔ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉕ ADDITIONAL 1 FOOT PAVEMENT RECONSTRUCTION
- ㉖ SODDING, SALT TOLERANT
- ㉗ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- ㉘ HOT-MIX ASPHALT BASE COURSE WIDENING, 4 1/2"
- ㉙ HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"
- ㉚ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- ㉛ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")
- ㉜ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- ㉝ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ㉞ NO. 6 EPOXY COATED TIE BARS 24" LONG @ 24" CTS
- ㉟ LONGITUDINAL SAW JOINT, WITH NO. 6 EPOXY COATED TIE BARS 30" LONG AT 30" CENTERS



**TYPICAL PROPOSED CROSS SECTION  
U.S. ROUTE 14  
STA. 493+00.00 TO STA. 509+76.62**



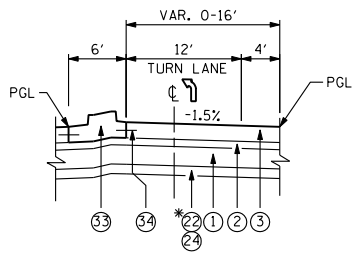
**TYPICAL PROPOSED CROSS SECTION  
U.S. ROUTE 14  
STA. 509+76.62 TO STA. 512+14.37**



- ① EXISTING PAVEMENT
  - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
  - ③ TEMPORARY PAVEMENT (HMA BINDER IL-19mm) (8 1/4")
  - ④ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- \* USE 12" THICKNESS AT LOCATIONS OF UNSUITABLE SOILS (SEE SHEET 18 FOR SUBGRADE TREATMENT RECOMMENDATIONS SCHEDULE)
- \*\* MATCH EXISTING PAVEMENT SLOPE

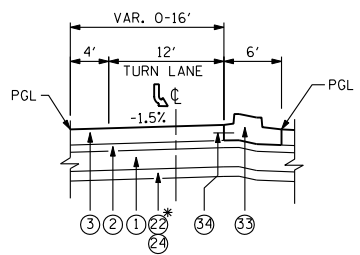
**DETAIL - TEMPORARY PAVEMENT**

(USED ON: US RTE 14, LUCAS RD, RIDGEFIELD RD SOUTH, LENNY DR, AND IL 176)



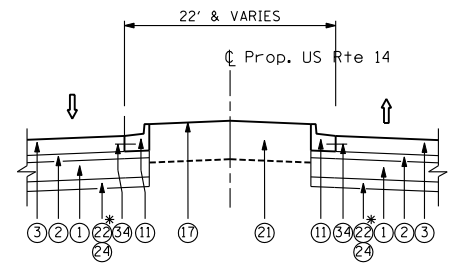
**MEDIAN TURNLANE - DETAIL A**

\* SEE PGES LIMITS ON SHEET 18



**MEDIAN TURNLANE - DETAIL B**

\* SEE PGES LIMITS ON SHEET 18



**LANDSCAPED MEDIAN DETAIL**

\* SEE PGES LIMITS ON SHEET 18

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		DRAWN - JPW	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 6/5/2014	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
U.S. ROUTE 14**

SCALE: NONE SHEET NO. 12 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	12
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				