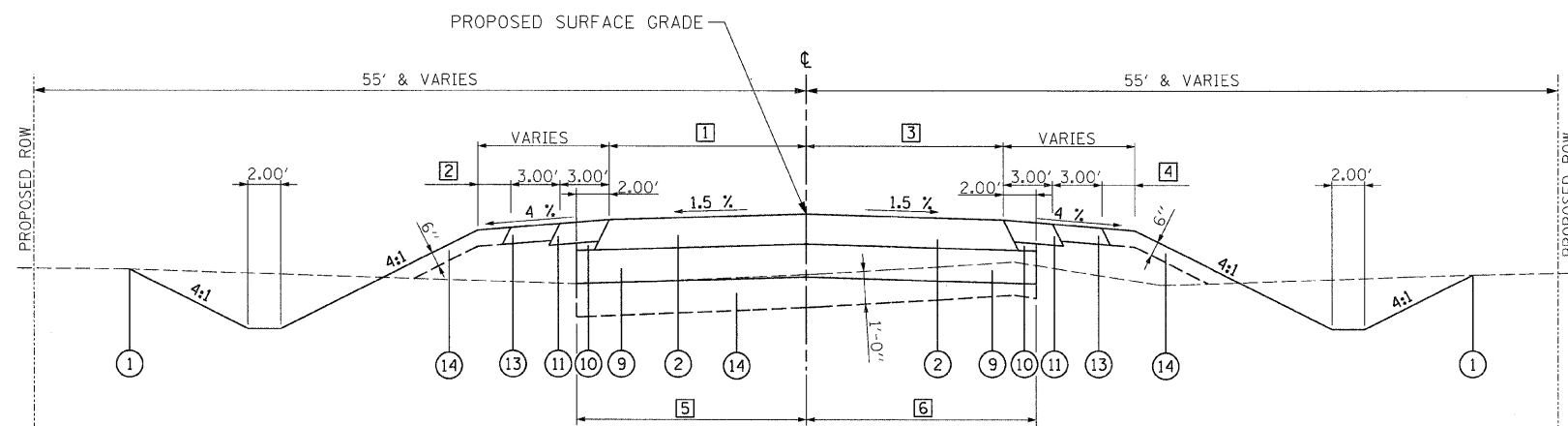


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT DESIGN INFORMATION
 C.H. 18:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 5080 (YEAR 2015)
 P.V. = 4572, S.U. = 305, M.U. = 203
 CLASS II ROAD
 SUBGRADE SUPPORT RATING = POOR

• HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11" CONSISTS OF:
 HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50, 2"
 HOT-MIX ASPHALT BINDER COURSE, IL 19, N50, 2 1/4"
 HOT-MIX ASPHALT BINDER COURSE, IL-19, N-50, 6 3/4"

•• HOT-MIX ASPHALT SHOULDERS 8" CONSISTS OF:
 HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50, 2"
 HOT-MIX ASPHALT SHOULDERS 6"



COUNTY HIGHWAY 18 (A)
 (BEG. OF PROJECT) STA. 278+00.00 TO STA. 394+50.00 (END OF PROJECT)

- ① EXISTING GROUND
- ② • HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 11"
- ③ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 8"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑨ PROCESSING MODIFIED SOIL 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ •• HOT-MIX ASPHALT SHOULDERS, 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ TOPSOIL EXCAVATION AND PLACEMENT

① STA. 278+00.00 TO STA. 328+71.44 = 12'
 STA. 328+71.44 TO STA. 329+89.46 = SEE INTERSECTION DETAIL FOR 1000E, SHEET NO. 32
 STA. 329+89.46 TO STA. 380+41.49 = 12.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 394+50.00 = 12.00'

③ STA. 278+00.00 TO STA. 315+84.59 = 12.00'
 STA. 315+84.59 TO STA. 317+02.59 = SEE INTERSECTION DETAIL FOR 980E, SHEET NO. 32
 STA. 317+02.59 TO STA. 380+41.49 = 12.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 394+50.00 = 12.00'

② STA. 278+00.00 TO STA. 328+71.44 = 2.00'
 STA. 328+71.44 TO STA. 329+89.46 = SEE INTERSECTION DETAIL FOR 1000E, SHEET NO. 32
 STA. 329+89.46 TO STA. 373+54.47 = 2.00'
 STA. 373+54.47 TO STA. 376+68.22 = TRANSITION FROM 2.00' TO 8.00'
 STA. 376+68.22 TO STA. 380+41.49 = 8.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 385+10.29 = 20.00'
 STA. 385+10.29 TO STA. 387+89.86 = TRANS. FROM 20.00' TO 8.00'
 STA. 387+89.86 TO STA. 390+89.22 = TRANS. FROM 8.00' TO 2.00'
 STA. 390+89.22 TO STA. 394+50.00 = 2.00'

④ STA. 278+00.00 TO STA. 315+84.59 = 2.00'
 STA. 315+84.59 TO STA. 317+02.59 = SEE INTERSECTION DETAIL FOR 980E, SHEET NO. 32
 STA. 317+02.59 TO STA. 373+54.47 = 2.00'
 STA. 373+54.47 TO STA. 376+68.22 = TRANSITION FROM 2.00' TO 8.00'
 STA. 376+68.22 TO STA. 379+47.91 = TRANSITION FROM 8.00' TO 20.00'
 STA. 379+47.91 TO STA. 380+41.49 = 20.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 388+00.17 = 8.00'
 STA. 388+00.17 TO STA. 390+89.22 = TRANS. FROM 8.00' TO 2.00'
 STA. 390+89.22 TO STA. 394+50.00 = 2.00'

⑤ STA. 278+00.00 TO STA. 328+00.00 = 28.83'
 STA. 328+00.00 TO STA. 330+00.00 = 0.00'
 STA. 330+00.00 TO STA. 340+00.00 = 28.83'
 STA. 340+00.00 TO STA. 350+00.00 = 0.00'
 STA. 350+00.00 TO STA. 356+00.00 = 28.83'
 STA. 356+00.00 TO STA. 394+50.00 = 0.00'

⑥ STA. 278+00.00 TO STA. 328+00.00 = 28.83'
 STA. 328+00.00 TO STA. 330+00.00 = 0.00'
 STA. 330+00.00 TO STA. 340+00.00 = 28.83'
 STA. 340+00.00 TO STA. 350+00.00 = 0.00'
 STA. 350+00.00 TO STA. 356+00.00 = 28.83'
 STA. 356+00.00 TO STA. 394+50.00 = 0.00'

- NOTES :
- 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - 2 PAVE THE 2" SURFACE COURSE LIFT OF THE HOT-MIX ASPHALT SHOULDER SIMULTANEOUSLY WITH THE 2" SURFACE COURSE LIFT OF THE HOT-MIX ASPHALT PAVEMENT TO ELIMINATE THE JOINT AT THE EDGE OF PAVEMENT.
 - 3 SEE CROSS SECTIONS FOR TOPSOIL EXCAVATION AND PLACEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTION
 C.H. 18
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY SKM
 CHECKED BY JWM



LAYOUT	SKM	12/26/03
DRAWN	SKM	12/26/03
REVIEWED	JWM	01/05/04