



*SEE CROSS SECTIONS FOR SLOPE

LEGEND:

- ① EXISTING AGGREGATE SHOULDER
 - ② EXISTING AGGREGATE SUBGRADE
 - ③ EXISTING HMA BINDER COURSE 18"- 19.5" (BASED ON PHASE I CORES)
 - ④ EXISTING HMA BINDER COURSE 6.5"-8"
 - ⑤ EXISTING PCC PAVEMENT 7.5"-8.5"
 - ⑥ EXISTING HMA BINDER 5.5"-6.75" (SMITH RD.)
 - ⑦ PROPOSED M-4.24 MOUNTABLE CURB & GUTTER (SEE PLAN FOR LOCATION)
 - ⑧ PROPOSED HMA SHOULDER (HMA BINDER IL-19 mm), 5 1/2"
 - ⑨ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ⑩ PROPOSED HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm, N90), 9"
 - ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F" N90 (IL 9.5 mm), 2 1/2"
 - ⑫ PROPOSED HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm, N90), 4 1/2" (SMITH RD. FROM STA. 117+54 TO STA. 119+88)
 - ⑬ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 3 1/2"
 - ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - ⑯ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - ⑰ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ⑱ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90, 2 1/4"
 - ⑲ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90, 4"
 - ⑳ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
 - ㉑ PROPOSED HMA SHOULDER (HMA BINDER IL-19 mm), 4 1/2"
 - ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- PROPOSED GUARDRAIL (NOT SHOWN-SEE PLAN AND CROSS SECTIONS)

FILE NAME =	USER NAME = obreueh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 176 AT SMITH ROAD TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1142\obreueh\dms99207\p114205-DESIGN.dgn	DRAWN -	REVISED -	335					146N-2	MCHENRY	65	13	
PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -	CONTRACT NO. 60K20									
PLOT DATE = 12/12/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				