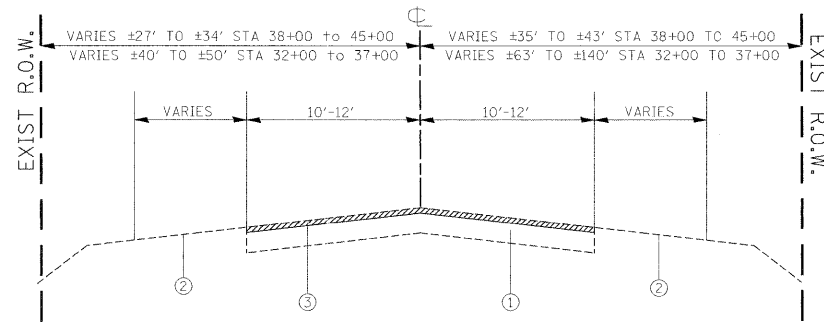


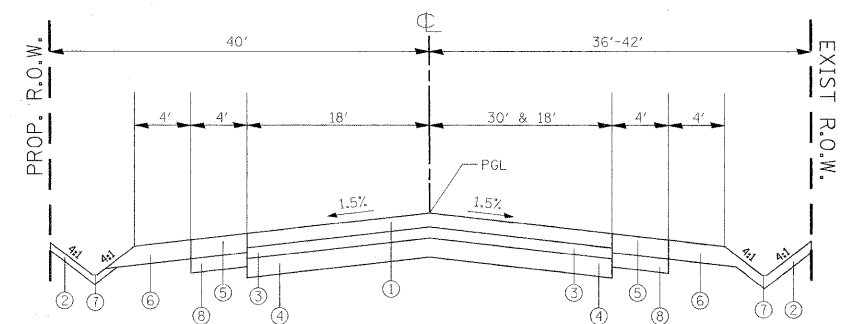
- ① EXISTING PCC BASE COURSE 7 1/2"
- ② EXISTING HMA OVERLAY 7"
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING GUARDRAIL STA 109+00 TO 117+50
- ⑤ HMA SURFACE REMOVAL, VARIABLE DEPTH

Typical Existing Cross Section
IL 176 STATION 109+50 TO 129+01



- ① EXISTING HMA PAVEMENT 4 1/2" TO 7"
- ② EXISTING SHOULDER
- ③ HMA SURFACE REMOVAL VARIABLE DEPTH STA. 31+90 TO 33+00, 35+00 TO 35+50, 39+50 TO 40+75, 40+75 TO 44+54

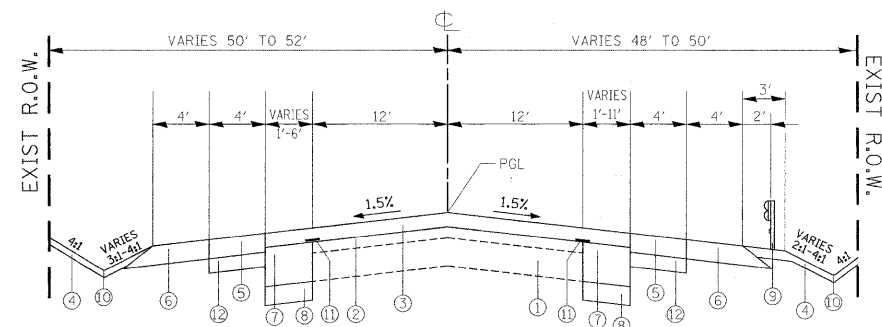
Typical Existing Cross Section
BRIARWOOD ROAD/OHNSTAD ROAD
STATION 31+90 TO 44+54



- ① 2" HMA SURFACE COURSE, MIX D, N70, IL 9.5
- ② TOPSOIL, 4" AND SEED
- ③ 10.25" HMA BASE COURSE
- ④ 12" AGGREGATE SUBGRADE
- ⑤ HMA SHOULDER, 8"
- ⑥ AGGREGATE SHOULDER, 8"
- ⑦ SWALE
- ⑧ AGGREGATE BASE COURSE, 4"

NOTE: REMOVAL OF EXISTING HMA PAVEMENT SHALL BE INCLUDED IN THE ITEM EARTH EXCAVATION

Typical Proposed Cross Section
BRIARWOOD ROAD/OHNSTAD ROAD
STATION 35+50 TO 39+50

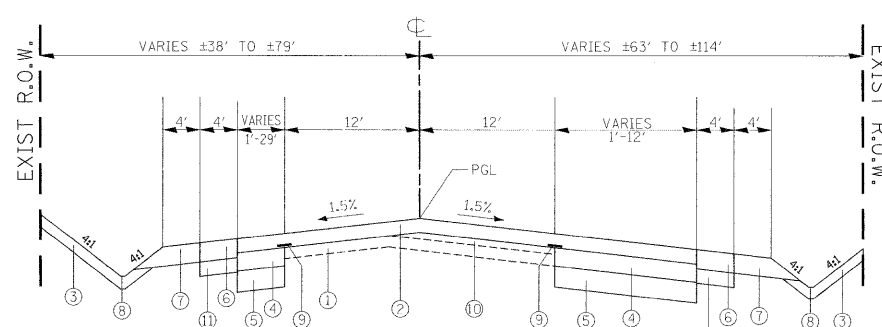


- ① EXISTING PCC BASE COURSE 7 1/2"
- ② EXISTING HMA OVERLAY
- ③ 2" HMA SURFACE COURSE, MIX D, N70, IL 9.5
- ④ TOPSOIL, 4" AND SEED
- ⑤ HMA SHOULDER, 8"
- ⑥ AGGREGATE SHOULDER, 8"
- ⑦ 10.25" HMA BASE COURSE WIDENING OR HMA BASE COURSE, SEE NOTE BELOW
- ⑧ 12" AGGREGATE SUBGRADE
- ⑨ GUARDRAIL STA 109+50 TO 117+55
- ⑩ SWALE
- ⑪ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ AGGREGATE BASE COURSE, 4"

Typical Proposed Cross Section
IL 176 STATION 109+50 TO 129+01

NOTE: THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE WIDENING, 10.25"
STA. 109+50 TO 117+80 LT
STA. 109+50 TO 111+30 RT
STA. 119+60 TO 129+01 LT
STA. 125+90 TO 129+01 RT

THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE, 10.25"
STA. 111+30 TO 125+90 RT
STA. 117+80 TO 119+60 LT

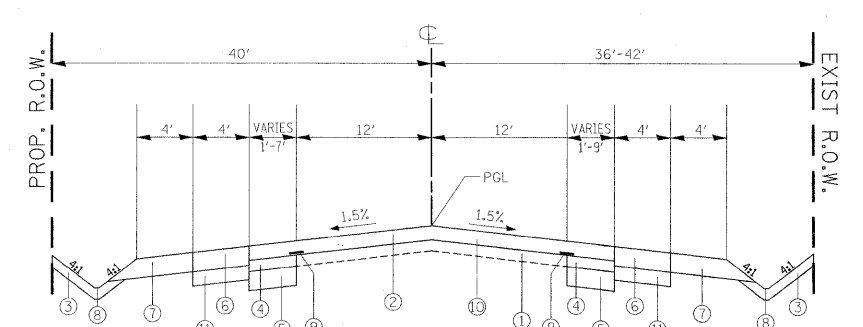


- ① EXISTING HMA PAVEMENT 4 1/2" TO 7"
- ② 2" HMA SURFACE COURSE, MIX D, N70, IL 9.5
- ③ TOPSOIL, 4" AND SEED
- ④ 10.25" HMA BASE COURSE WIDENING OR HMA BASE COURSE, SEE NOTE BELOW
- ⑤ 12" AGGREGATE SUBGRADE
- ⑥ HMA SHOULDER, 8"
- ⑦ AGGREGATE SHOULDER, 8"
- ⑧ SWALE
- ⑨ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑩ LEVELING BINDER, STA. 33+00 TO 35+00
- ⑪ AGGREGATE BASE COURSE, 4"

Typical Proposed Cross Section
BRIARWOOD ROAD
STATION 31+90 TO 35+50

NOTE: THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE WIDENING, 10.25"
STA. 32+00 TO 33+85 LT
STA. 32+00 TO 33+05 RT
STA. 34+40 TO 34+70 RT

THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE, 10.25"
STA. 33+65 TO 35+50 LT
STA. 33+05 TO 34+40 RT



- ① EXISTING HMA PAVEMENT 4 1/2" TO 7"
- ② 2" HMA SURFACE COURSE, MIX D, N70, IL 9.5
- ③ TOPSOIL, 4" AND SEED
- ④ 10.25" HMA BASE COURSE WIDENING OR HMA BASE COURSE, SEE NOTE BELOW
- ⑤ 12" AGGREGATE SUBGRADE
- ⑥ HMA SHOULDER, 8"
- ⑦ AGGREGATE SHOULDER, 8"
- ⑧ SWALE
- ⑨ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑩ LEVELING BINDER STA. 40+75 TO 41+75
- ⑪ AGGREGATE BASE COURSE, 4"

Typical Proposed Cross Section
OHNSTAD ROAD
STATION 39+50 TO 44+54

NOTE: THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE WIDENING, 10.25"
STA. 42+50 TO 44+54 LT
STA. 43+50 TO 44+54 RT

THE FOLLOWING AREAS SHALL BE PAID FOR AS HMA BASE COURSE, 10.25"
STA. 39+50 TO 42+50 LT
STA. 39+50 TO 43+50 RT

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL ROUTE 176 AND BRIARWOOD RD.			F.A.P. RTE. 335	SECTION 11-00114-00-CH	COUNTY McHENRY	TOTAL SHEETS 56	SHEET NO. 4
P:\2010\100174\cod\phase 2\dwg\100174-shc-typical.dgn	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 63551	
	PLOT DATE = 7/19/2011	CHECKED -	REVISED -									
		DATE -	REVISED -									