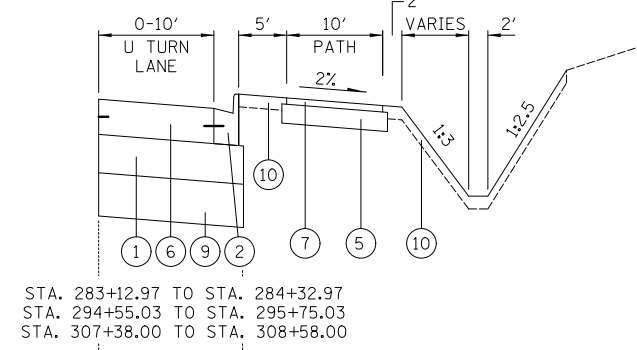
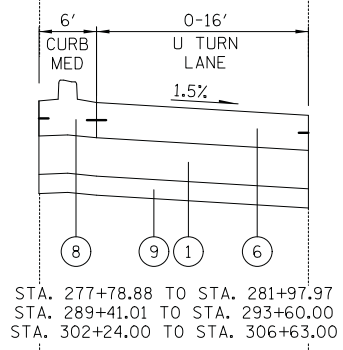
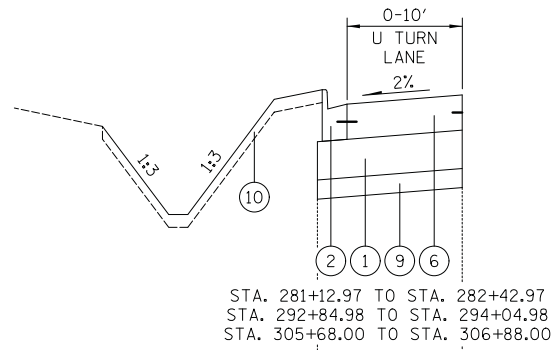
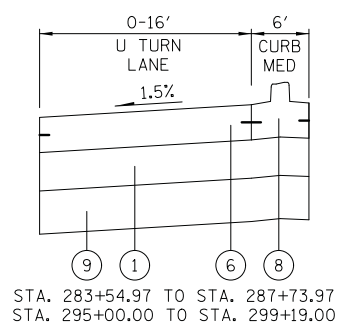
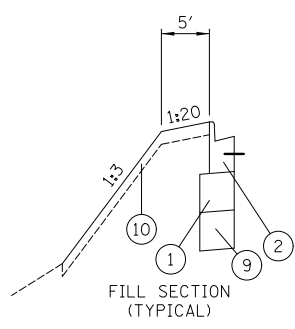


ILLINOIS ROUTE 31
STA. 274+23.14 TO STA. 277+50.00

- PROPOSED LEGEND**
- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ② COMBINATION CONCRETE CURB AND GUTTER, B-6.24
 - ③ CONCRETE MEDIAN SURFACE, 4"
 - ④ TOPSOIL FURNISH AND PLACE, 24"
SEEDING, FERTILIZER, AND EROSION MAT
 - ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
 - ⑥ PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
 - ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
 - ⑧ CONCRETE MEDIAN, TYPE SB-6.12
 - ⑨ AGGREGATE SUBGRADE IMPROVEMENT, VARIABLE DEPTH
- SEE TABLE THIS SHEET
 - ⑩ TOPSOIL FURNISH AND PLACE, 4"
SEEDING, FERTILIZER, AND EROSION MAT



ILLINOIS ROUTE 31
AGGREGATE SUBGRADE IMPROVEMENT
VARIABLE DEPTH

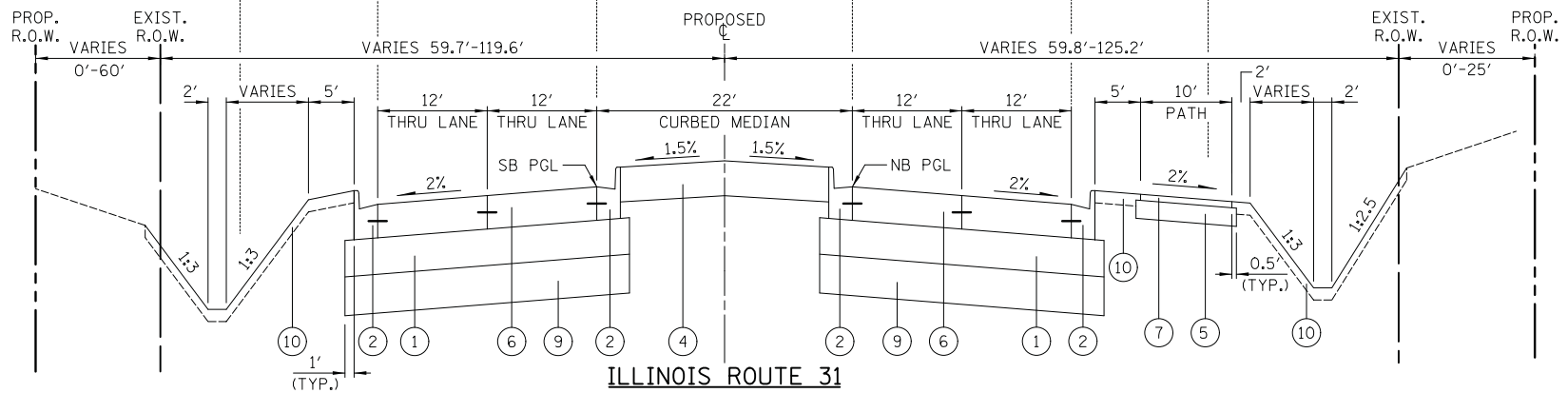
STATION	DEPTH	DESCRIPTION
BOP TO 285+50	6"	AGGREGATE SUBGRADE IMPROVEMENT
285+50 TO 288+50	12"	AGGREGATE SUBGRADE IMPROVEMENT
288+50 TO 294+50	6"	AGGREGATE SUBGRADE IMPROVEMENT
294+50 TO 297+50	12"	AGGREGATE SUBGRADE IMPROVEMENT
297+50 TO 315+50	6"	AGGREGATE SUBGRADE IMPROVEMENT
315+50 TO 318+20	12"	AGGREGATE SUBGRADE IMPROVEMENT
318+20 TO EOP	6"	AGGREGATE SUBGRADE IMPROVEMENT

• STATIONS RANGES ARE RECOMMENDED AREAS OF ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT AND MAY BE ADJUSTED TO FIELD CONDITIONS. A MINIMUM DEPTH OF 6" IS REQUIRED.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE USED IN ALL AREAS WITH AN AGGREGATE SUBGRADE IMPROVEMENT DEPTH OF 12 INCHES OR GREATER.

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR ILLINOIS ROUTE 31 - STA. 274+33 TO STA. 320+83

STRUCTURAL TRAFFIC:	YEAR 2029
	PV = 28,092 SU = 591 MU = 887
ROAD/STREET CLASSIFICATION:	CLASS I
	P = 32% S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 9.53
	MINIMUM TF = 9.04
AC GRADE:	BINDER = SBS/SBR SURFACE = SBS/SBR PG 58-22 PG 58-28
SUBGRADE SUPPORT RATING:	SSR = POOR



ILLINOIS ROUTE 31
STA. 277+50.00 TO STA. 277+78.88
STA. 287+73.97 TO STA. 289+41.01
STA. 299+19.00 TO STA. 302+24.00

FILE NAME =	USER NAME = kwh	DESIGNED - DTE	REVISED -
... \2278NG.PRTYP_01.dgn		DRAWN - DTE	REVISED -
	PLOT SCALE = 1.0000' / 1in.	CHECKED - GAB	REVISED -
	PLOT DATE = 8/5/2013	DATE - 06/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	McHENRY	151	13
CONTRACT NO. 60V72			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	