RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	46-15&471WRS-2	LAKE	234	122
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT. NO. 60956

FOR INFORMATION ONLY

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	DRAWN		
	CHECKED		
NOTE BOOK	R.O.W. AGREEMENT CHECKED		
NO.	R.O.W. CHECKED		
	CADD FILE NAME		

MATCH LINE STA. 1138+00

+00 110′ | +10 100′ | +10 110′

PROPOSED R.O.W.

PROPOSED CURVE #14

375′ STORAGE | 150′ TAPER

EXISTING R.O.W.

+50 100′ | +50 60′

B-1 10 | B-1 11 | B-1 12 | B-1 13 | B-1 14

SPEED LIMIT 40

TEMPORARY CONSTRUCTION EASEMENT REQUIRED TO CONSTRUCT OVERLAND FLOOD ROUTE. LIMITS TO BE DETERMINEDIN DESIGN

U.S. ROUTE 45

10′R | 25′R | 15′ R. | 15′ 15′ | 25′R | 40′R | 18′R (TYP.) | 3′R

TEMPORARY CONSTRUCTION EASEMENT (TYP.) 90′X380′

GRASSED MEDIAN

225′ TAPER | 150′ STORAGE | 210′ TAPER | 210′ TAPER

+00 60′ | +00 55′ | +00 R.O.W.

LIMITS OF EXISTING RETAINING WALL STA. 1138+00 TO 1141+50

COMB. CONC. C&G, TYPE B-6.24

PROPOSED GUARDRAIL STA. 1141+50 TO STA. 1145+00

END GRASSED MEDIAN STA. 1147+60

CONCRETE MEDIAN TYPE SB-6.12

EXISTING SHORELINE

BOTH DIRECTIONS

MATCH LINE STA. 1152+00

HORIZONTAL SCALE: 1"=50'-0"

VERTICAL SCALE: 1"=5'-0"

US ROUTE 45
PROPOSED CURVE #14
PI STA. = 1139+87.93
Δ = 14°22'55.94"
D = 3°30'00"
R = 1,637.02'
T = 206.55'
L = 410.92'
E = 12.98'
SE = 0.040 '/,
PC STA. = 1137+81.39
PT STA. = 1141+92.31

GAGES LAKE

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	DRAWN		
	CHECKED		
NOTE BOOK	BEAM NOTED		
NO.	STRUCTURE NOTATING CHKD.		

Dark Br to Organic Silty Clay Loam A-7-6

Stiff to Very Stiff Dark Gr&Br to Br Clay A-7-6

B-1 10 | 1 141+00 | 21′LT | NO GWT

12″ Bituminous Concrete

FILL: Br Sand A-1-b

EXISTING GRADE LINE

PROPOSED PROFILE GRADE LINE

+0.588% | -0.885%

P.V.I. STA. 1140+40.00 EL. 787.00

P.V.C. STA. 1139+25.00 EL. 786.32

P.V.T. STA. 1141+55.00 EL. 785.99

P.V.C. STA. 1152+00.00 EL. 776.77

Stiff to Very Stiff Dark Gr to Br&Gr Clay A-7-6

B-1 11 | 1 141+00 | 8′RT | NO GWT

B-1 12 | 1 144+00 | 21′RT | NO GWT

Stiff to Very Stiff Br to Gr Clay A-7-6

B-1 13 | 1 147+00 | 23′LT

EVALUATE SUBGRADE PER CONE PENETROMETER TESTS AND INSTALL GEOTEXTILE FABRIC (AS NECESSARY) WITH OVER-LYING GRANULAR BLANKET

Soft Br Silty Loam A+4

Br Sandy Loam A+4

Stiff to Very Stiff Br to Gr Silty Loam A-4

B-1 14 | 1 150+00 | 27′RT | NO GWT

EXIST. GRADE LINE ELEV. / (PROP. PROFILE GRADE LINE)

	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152
EXIST. GRADE LINE ELEV.	785.49	785.74	786.21	786.10	785.55	784.99	783.97	783.09	782.08	781.19	780.28	779.32	778.46	777.60	776.78
(PROP. PROFILE GRADE LINE)	785.59	786.18	786.58	786.37	785.58	784.70	783.81	782.93	782.04	781.16	780.27	779.39	778.51	777.65	776.77

MIRZA ENGINEERING, INC.

GENERALIZED SOIL PROFILE