RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	146-1S&471WRS-2	LAKE	234	124
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT. NO. 60956

FOR INFORMATION ONLY

WASHINGTON STREET
℄ STA. 1169+20.81

WRIGHT AVE.
℄ STA. 1166+25.16

MATCH LINE STA. 1166+00

MATCH LINE STA. 1179+00

U.S. ROUTE 45

CONC. MEDIAN, TYPE SB-6.12

TWO-CENTERED CURVE
50'-230'R
10' OFFSET

PAVED BUS STOP & WAITING AREA (25' X 13' TYP.)

SPEED LIMIT 40

SPEED LIMIT 45

STA. 1169+19.83 U.S. ROUTE 45 = STA. 100+00.00 WASHINGTON ST.

PROPOSED R.O.W.

EXISTING R.O.W.

300' STORAGE

200' STORAGE

50' STORAGE

225' TAPER

EXISTING DRIVEWAY TO BE CLOSED

CANOPY

10' X 135'

PROPOSED CURVE #15

PT Sta 1169+03.32

LIMIT OF ROADWAY IMPROVEMENT STA. 1011+51

BEGIN GRASSED MEDIAN STA. 1172+67

TEMPORARY CONSTRUCTION EASEMENT (TYP.) 10' X 75'

20' X 60'

MEET EXISTING R.O.W.

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

EXISTING EDGE OF PAVEMENT

U.S. ROUTE 45
PROPOSED CURVE #15
P.I. STA. = 1166+11.34
Δ = 08^46'36.03"
D = 01^30'00"
R = 3819.72'
T = 293.13'
L = 585.11'
E = 11.23'
SE = 0.024'/',
P.C. STA. = 1163+18.21
P.T. STA. = 1169+03.32

NOTE: IDS LOCATION
FOR INTERSECTION DETAILS
SEE INTERSECTION DESIGN STUDY

SEE REPORT FOR RECOMMENDATIONS IN THIS AREA

IN SOUTHBOUND WIDENED PORTION OF ROADWAY REMOVE UNSTABLE (ORGANIC) SUBGRADE TO AN ESTIMATED DEPTH OF 1 FOOT BELOW BOTTOM OF AGGREGATE SUBGRADE LEVEL AND REPLACE W/PGES PER CONE PENETROMETER TESTS

10" Bituminous Concrete
4" Br Sand A-1-a

FILL: Br Sand A-1-b

HORIZONTAL SCALE: 1"=50'-0"

VERTICAL SCALE: 1"=5'-0"

PLAN

SURVEYED	BY
DRAWN	
ALIGNMENT CHECKED	
ELEV. OF BEN. MARK CHECKED	
ROAD PLAN NAME	
NOTE BOOK	
NO.	

DATE	BY

PROFILE

SURVEYED	BY
DRAWN	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NO'S/PINS CHKD	
NOTE BOOK	
NO.	

DATE	BY

FILL: Intermixed Dark Br to Br Clay A-6

Br & Gr Sandy Loam A-4

Black Organic Silty Clay Loam A-7-6

Black to Br Peat

Stiff to Very Stiff Br to Gr Clay or Clay Loam A-6

Very Soft Gr to Br Clay A-6

Stiff to Very Stiff Br to Gr Clay or Clay Loam A-6 NO GWT

FILL: Br and Dark Gr Silty Clay A-6 and Br & Gr Sandy Loam A-2-4

FILL: Dark Br Organic Silty Clay Loam A-7-6

Br to Gr Sandy Loam A-4

Black Organic Silty Clay Loam A-7-6

Very Soft Gr Clay Loam A-6

Black to Br Peat

Very Soft Gr Clay A-6

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

Stiff to Hard Br & Gr to Gr Clay or Clay Loam A-6

EXIST. GRADE LINE ELEV.

PROP. PROFILE GRADE LINE

AP-122A 1165+60 44'Lt NO GWT

AP-122B 1167+10 41'Lt NO GWT

AP-122C 1167+30 43'Rt NO GWT

AP-122D 1167+60 42'Lt NO GWT

AP-122E 1168+05 50'Lt

AP-122G 1168+16 28'Rt

B-122 1168+30 70'Lt NO GWT

AP-122I 1168+85 37'Rt NO GWT

AP-123E 1169+55 52'Lt NO GWT

AP-123F 1170+08 55'Rt

AP-123H 1170+50 33'Lt NO GWT

AP-123J 1171+00 29'Rt

AP-123M 1171+50 28'Rt

AP-123N 1171+75 23'Lt NO GWT

AP-123O 1172+00 33'Rt NO GWT

B-123 1171+00 29'Rt

B-124 1174+00 21'Lt NO GWT

B-125 1177+00 9'Lt NO GWT

B-126 1177+00 23'Rt NO GWT

PROPOSED PROFILE GRADE LINE

EXISTING GRADE LINE

P.V.I. STA. 1170+25 EL. 776.30

P.V.I. STA. 1173+00 EL. 780.80

-0.63%

+0.71%

-0.500%

	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179
EXIST. GRADE LINE ELEV.	777.87	777.96	777.70	777.51	777.84	778.13	778.49	778.91	778.34	779.06	779.33	779.50	779.60	779.77
PROP. PROFILE GRADE LINE	779.11	778.55	777.92	777.29	776.85	777.05	777.74	778.45	779.17	779.88	780.59	781.00	780.80	780.30

785 780 775 770 765

MIRZA ENGINEERING, INC.

GENERALIZED SOIL PROFILE