F.A. RTE. 338/IL 59	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	~~2011-030-1~~	DUPAGE	0	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT 60P42		

SEE SHEET 6

SEE SHEET 4

STA: 3943+00

STA: 3956+00

ELECTRIC LINE

NICOR-GAS LINE

COMED-ELECTRIC LINE

AT&T-TELEPHONE LINE

QWEST INC FIBER OPTIC LINE

MERIDIAN PARKWAY

GLACIER PARK DR.

TO 4212U962
FROM 4212M941
TO 4212M962
FROM 4212M941

E-4-6" PVC
I-8-6" PVC
CONCRETE ENCASEMENT
CA-6 BACKFILL
PER C30-1900
(30')
SECTION H-H

E-9-WAY DUCT

CONSTRUCTION NOTE:
BYPASS MANHOLE 4212M962
WITH COM-ED, KDL AND AT&T CONDUITS.

CONSTRUCTION NOTE:
CONTRACTOR TO CORE DRILL
2-6" HOLE INTO 4212M952.

I-12-22° 6" STEEL BENDS
STA: 3945+59.69
EAST 82.3'

I-8-22° 6" STEEL BENDS
STA: 3945+12.99
EAST 94.24'

CONSTRUCTION NOTE:
CONTRACTOR TO LOCATE END OF EXISTING 6-WAY DUCT BANK. CONTRACTOR TO CONNECT NEW 6-WAY TO EXISTING CONDUIT. CONTRACTOR TO ROLL EXISTING CONDUIT FROM 3 HIGH BY 2 WIDE TO 2 HIGH BY 3 WIDE. THIS IS CONSIDERED AS PART OF THE WORK. SEE DETAIL 1

STA. 3944+90
98' RT.

4212M941
E-TYPE "G"
MANHOLE

4212M951
E-TYPE "C"
MANHOLE

5' COMED

5' NICOR

5' COM

STA. 3945+20
95' RT.

4212M952
E-TYPE "D"
MANHOLE

I-6-6" PVC
(40' BYPASS)
I-6-30° 6" STEEL
BENDS

REMOVE AND REPLACE
40' OF CURB AND GUTTER

REMOVE AND REPLACE
PAVED ASPHALT
= 45 SQ. YRD.

LANDSCAPE AREA
SEED = .014 ACRES

4212M881
E-TYPE "C"
MANHOLE

4212N871
E-TRANSMISSION
POLE

4212M981
E-TYPE "C"
MANHOLE

I-12-22° 6" STEEL
BENDS
STA: 3955+59.22
EAST 62.6'

I-6-8" PVC
(40' BYPASS)
I-6-30° 6" STEEL
BENDS

I-6-22° 6" STEEL
BENDS
STA: 3954+23.64
EAST 83.9'

I-14-11° 6" STEEL
BENDS
STA: 3946+97.95
EAST 78.58'

I-14-11° 6" STEEL
BENDS
STA: 3948+23.9
EAST 92'

I-6-6" PVC
(40' BYPASS)
I-6-30° 6" STEEL
BENDS

E-750MCM
U.G. DIRECT BURIED
CABLE

CONSTRUCTION NOTE:
CONTRACTOR TO REMOVE SWITCH GEAR VAULT AND DISPOSE. IF DUCT BANK CAN NOT BE INSTALLED BETWEEN EXISTING DUCT BANK AND EXISTING 750MCM DIRECT BURIED CABLE.

4212U962
I-SWITCH GEAR
VAULT & GROUND
PER C30-0013
60468-110 AND
60468-130
STA: 3948+40.83
EAST 91.8'
I-6-6" 30° FIBER
GLASS BENDS
I-6-6" BELL FITTINGS
I-6-6" PLUGS

4212M962
I-TYPE "E"
MANHOLE
PER M30-1160
AND SPECIFICATIONS
(TYPICAL ELEVATIONS
DETAIL)
STA: 3949+25.11
EAST 91.47'
I-4-12" CONCRETE COLLARS
I-2-FRAMES & COVERS
I-GROUNDING
PER C30-1160

4212M961
E-TYPE "C"
MANHOLE
MANHOLE ROOF
TO BE LOWERED
SEE SPEC PAGE
62

STA. 3951+19
86' RT.

STA. 3951+62
92' RT.

4212M983
I-TYPE "E"
MANHOLE
PER M30-1160
STA: 3954+04.41
EAST 83.87'
I-4-12" CONCRETE COLLARS
I-2-FRAMES & COVERS
I-GROUNDING
PER C30-1160

I-6-6" PVC
CONCRETE ENCASE
CA-6 BACKFILL
PER C30-1900
(150')
SECTION D-D

I-6-11° 6" STEEL
BENDS
STA: 3944+86.25
EAST 109'

I-6-6" PVC
FA-2 ENCASE
SPOILS BACKFILL
PER C30-1900
(40')
SECTION D-D

I-12-6" PVC
FA-2 ENCASE BOTTOM
6-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
SPOILS BACKFILL
PER C30-1900
(300')
SECTION K-K

I-2-6" PVC
FA-2 ENCASEMENT
SPOILS BACKFILL
PER C30-1900
(20')
SECTION A-A

I-14-6" PVC
FA-2 ENCASE BOTTOM
8-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
SPOILS BACKFILL
PER C30-1900
(400')
SECTION X-X

I-12-6" PVC
FA-2 ENCASE BOTTOM
6-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
SPOILS BACKFILL
PER C30-1900
(200')
SECTION K-K

I-12-6" PVC
CONCRETE ENCASE BOTTOM
6-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
CA-6 BACKFILL
PER C30-1900
(55')
SECTION K-K

I-12-6" PVC
FA-2 ENCASE BOTTOM
6-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
SPOILS BACKFILL
PER C30-1900
(225')
SECTION K-K

I-12-6" PVC
CONCRETE ENCASE BOTTOM
6-CONDUITS
CONCRETE ENCASE
TOP 6-CONDUITS
CA-6 BACKFILL
PER C30-1900
(140')
SECTION K-K

CONSTRUCTION NOTE:
BYPASS MANHOLE 4212M983
WITH COM-ED, KDL AND AT&T CONDUITS.

EXISTING
P.U. & D.E.
BLANKET
EASEMENT
PER DOC R97-026000

TO 4212M932
FROM 4212M941
COM-ED
BYPASS 4212M941
KDL
BYPASS 4212M941
AT&T
BYPASS 4212M941

TO 4212M932
FROM 4212M941

E-6-6" PVC
CONTRACTOR TO CONNECT
TO EXISTING CONDUITS

TO 4212M932
FROM 4212M941
COM-ED
BYPASS 4212M932
KDL
BYPASS 4212M932
AT&T
BYPASS 4212M932

TO 4212M952
FROM 4212U962

TO 4212M962
FROM 4212M983
COM-ED
BYPASS 4212M962
KDL
BYPASS 4212M962
AT&T
BYPASS 4212M962

TO 4212M962
FROM 4212M983
COM-ED
BYPASS 4212M983
KDL
BYPASS 4212M983
AT&T
BYPASS 4212M983

TO 4212M962
FROM 4212M983
COM-ED
BYPASS 4212M962
KDL
BYPASS 4212M962
AT&T
BYPASS 4212M962

TO 4212M962
FROM 4212M983
COM-ED
BYPASS 4212M983
KDL
BYPASS 4212M983
AT&T
BYPASS 4212M983

TO 4212M983
FROM 4212M991
COM-ED
BYPASS 4212M983
KDL
BYPASS 4212M983
AT&T
BYPASS 4212M983

E-6-6" PVC
CONTRACTOR TO ROLL
TO EXISTING CONDUITS
BEFORE

E-6-6" PVC
CONTRACTOR TO ROLL
OUTSIDE MIDDLE CONDUITS
DURING

E-6-6" PVC
CONTRACTOR TO ROLL
OUTSIDE MIDDLE CONDUITS
AFTER

DETAIL 1

REMOVE AND REPLACE
620 SQ. FT. OF SIDEWALK

REMOVE AND REPLACE
13' OF CURB AND GUTTER

REMOVE AND REPLACE
75 SQ. FT. OF SIDEWALK

REMOVE AND REPLACE
PAVED ASPHALT
= 20 SQ. YRD.

LANDSCAPE AREA
SEED = .026 ACRES

LANDSCAPE AREA
SEED = .145 ACRES

4212M941
E-TYPE G"
MANHOLE

4212U962
I-SWITCH GEAR
VAULT

4212M962
I-TYPE "E"
MANHOLE

REMOVE AND REPLACE
PAVED ASPHALT
= 20 SQ. YRD.

LANDSCAPE AREA
SEED = .028 ACRES

LANDSCAPE AREA
SEED = .011 ACRES

4212M983
I-TYPE "E"
MANHOLE

LANDSCAPE AREA
SEED = .022 ACRES

REMOVE AND REPLACE
15' OF CURB AND GUTTER

REMOVE AND REPLACE
PAVED ASPHALT
= 40.0 SQ. YRD.

REMOVE AND REPLACE
55' OF CURB AND GUTTER

REMOVE AND REPLACE
13' OF CURB AND GUTTER

REMOVE AND REPLACE
13' OF CURB AND GUTTER

LEGEND

EXISTING		INSTALL	
E-SW. VAULT		I-SW. VAULT	
E-SW. MOD.		I-TRANSFORMER VAULT	
E-TRANSFORMER		I-TYPE "A" MANHOLE	
E-TYPE "A" MANHOLE		I-TYPE "E" DOUBLE OPENING MANHOLE	
E-TYPE "C" MANHOLE			
E-TYPE "C" DOUBLE OPENING MANHOLE		I-TYPE "G" DOUBLE OPENING MANHOLE	
E-TYPE "D" MANHOLE		I-TYPE "G" SINGLE OPENING MANHOLE	
E-TYPE "E" MANHOLE		I-CONDUIT	
E-CONDUIT			
E-DISTRIBUTION/ TRANSMISSION POLE		ABANDON	
		A-CONDUIT	

CALL **JULIE** 48 HRS. PRIOR TO CONSTRUCTION
1 - 800 - 892 - 0123 OR CALL 811

NOTES:
1. THE PROJECT ENGINEER FOR THIS JOB IS BRIAN CHAMBERLAIN AT (630)420-6053.
2. THE PROJECT COORDINATOR FOR THIS PROJECT IS PAUL MICHALOWSKI AT (630)305-5227.
3. CONTRACTOR IS RESPONSIBLE FOR MANHOLE PHOTOS TAKEN OF ALL CLEARLY MARKED CABLE AND ALL WALLS OF MANHOLES. PHOTOS WILL BE GIVEN TO THE GIS GROUP WITH THE AS-BUILTS.

LOCATION MAP

ROUTE 59

GLACIER PARK AV

HIGG

DESIGN REVISION DATES

A ADDENDUM A 7-16-12

PROJECT TITLE: ROUTE 59 ROAD IMPROVEMENTS

PROJECT DESCRIPTION: TO RELOCATE AND INSTALL NEW DUCTBANK AND 34kV FEEDERS

DESIGNED	DRAWING DATE	MAP #	SCALE
BCC	5-11-12	4211,4212,4223	1 = 40
GIS DESIGN BY: DL	DRAFTED BY: PSM	REVISION DATE:	AT&T JOINT AGREEMENT #: N/A
PROJECT #: EU-12	CHECKED BY:	APPROVED BY:	CAD FILE: 0060468001C5.DWG
SHEET #: 5 OF 63			

Naperville — Department of Public Utilities, Electric Division

WORK REQUEST #: 60468