

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

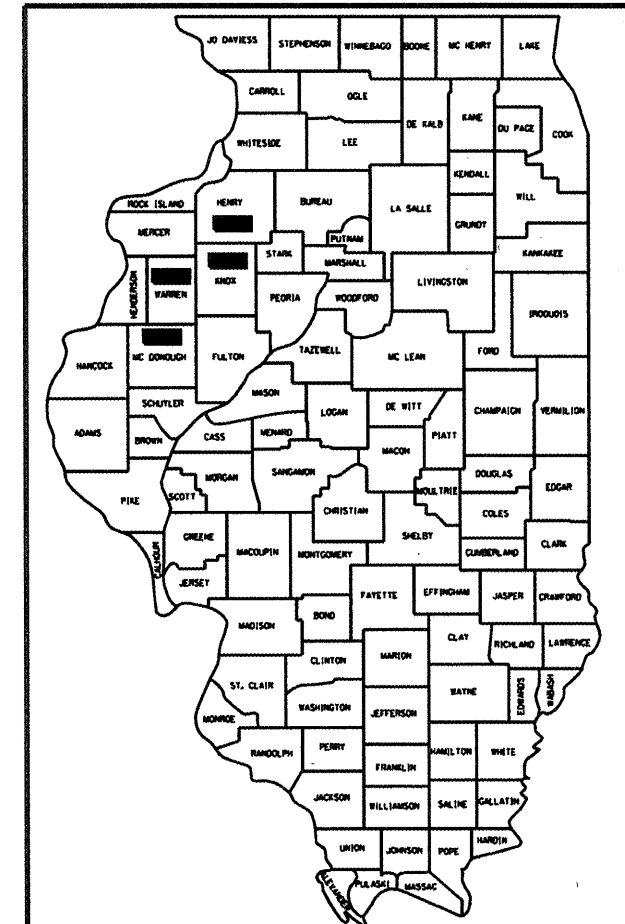
VARIOUS ROUTES
SECTION D4 FIBER OPTIC 2012
VARIOUS COUNTIES

C-94-089-12

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 FIBER OPTIC 2012	VARIOUS	220	1
ILLINOIS			CONTRACT NO. 68B03	

220 +1 = 221

D-94-049-12



LOCATION OF SECTION INDICATED THUS: -

HIGHWAY STANDARDS

701001-02
701006-03
701011-02
701101-02
701106-02
701406-06
701421-04
701602-05
701901-02

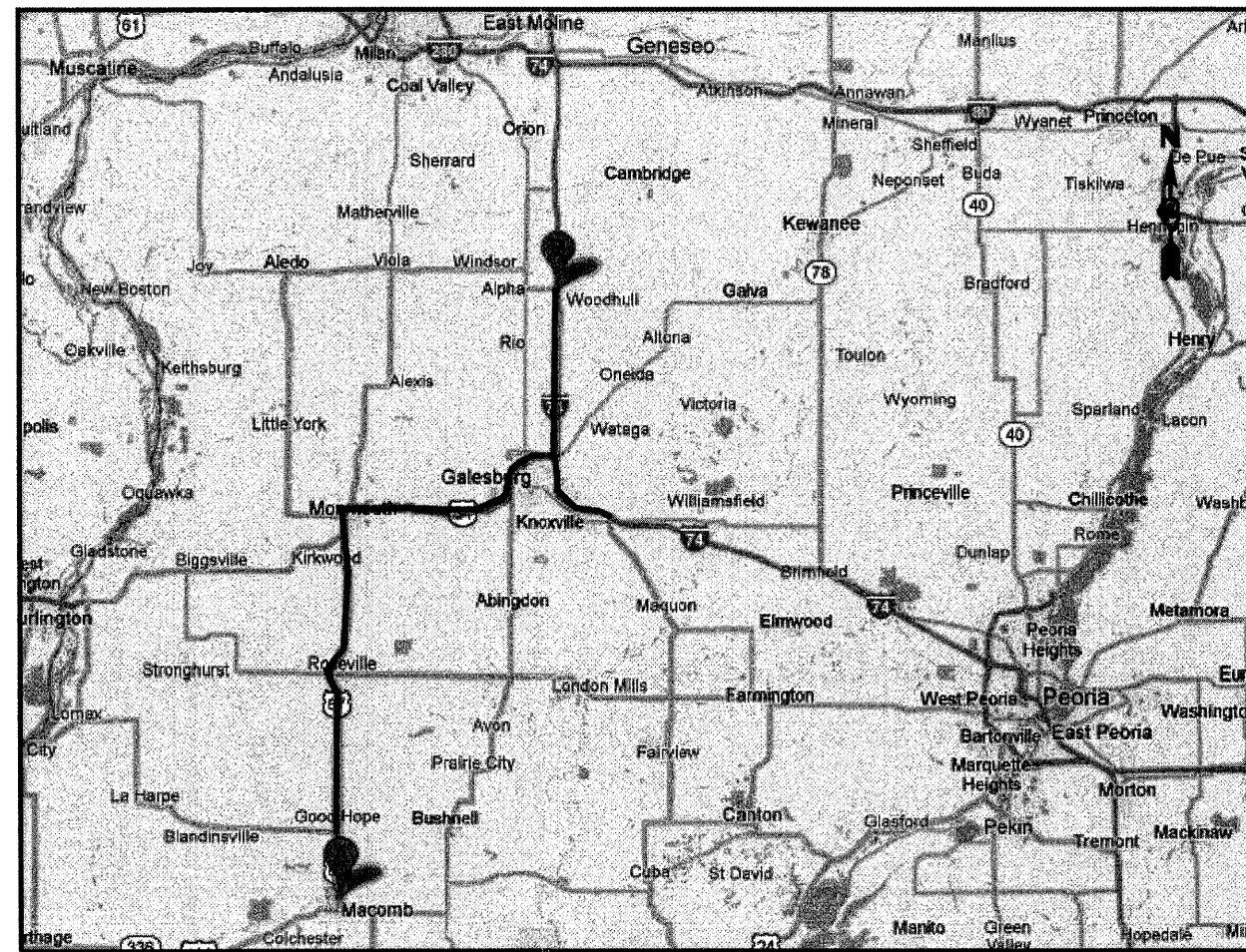
PROJECT DESCRIPTION

INSTALLATION OF COMMUNICATIONS DUCT, COMMUNICATIONS VAULTS, AND FIBER OPTIC CABLE ALONG US 67 FROM MACOMB TO MONMOUTH, ALONG US 34 FROM MONMOUTH TO GALESBURG, AND ALONG I-74 FROM GALESBURG TO EXIT 32 (IL 17 - WOODHULL) AND FROM GALESBURG TO EXIT 51 (CH 9 - KNOXVILLE)

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: ERIC HOWALD (309) 671-4481
PROJECT MANAGER: RANDY LANINGA (309) 671-4477

CONTRACT NO. 68B03



GROSS LENGTH = 381247.0 FT. = 72.2 MILE
NET LENGTH = 381247.0 FT. = 72.2 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED April 24 2012
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 11 2012
William D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2012
William R. Frey, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONSTRUCTION NOTES	
1.	EXISTING UTILITY LOCATION INFORMATION IS NOT SHOWN ON THE PLAN SHEETS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND TERRAIN PRIOR TO COMMENCING WORK ON THE PROJECT.
2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
3.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
4.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
5.	THE COMMUNICATION VAULT SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE. COMMUNICATION VAULTS SHALL BE INSTALLED AT 4000 FEET MINIMUM INTERVALS.
6.	THE CONTRACTOR WILL BE ALLOWED TO INCREASE THE DISTANCE BETWEEN COMMUNICATION VAULTS AS NEEDED TO OPTIMIZE INSTALLATION AND TO MAKE ADJUSTMENTS FOR COMMUNICATION DUCT AND FIBER OPTIC CABLE REEL SIZES. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED CHANGES TO THE DEPARTMENT FOR REVIEW PRIOR TO ORDERING MATERIALS.
7.	AFTER INSTALLING THE FIRST THREE MILES OF COMMUNICATIONS DUCT ALONG WITH COMMUNICATION VAULTS, THE CONTRACTOR SHALL CONDUCT A TEST TO DEMONSTRATE TO THE DEPARTMENT THAT THE PROPOSED COMMUNICATION VAULT SPACING IS OPTIMAL FOR EFFICIENT FIBER INSTALLATION. AS PART OF THE TEST, THE CONTRACTOR SHALL INSTALL FIBER OPTIC CABLE IN THE MICRODUCT ALONG THE ENTIRE THREE MILE DUCT LENGTH. IN THE EVENT THAT THE TEST IS UNSUCCESSFUL, THE CONTRACTOR CAN ADJUST COMMUNICATION VAULT SPACING AS REQUIRED FOR FIBER INSTALLATION.
8.	THE CONTRACTOR SHALL SUBMIT A FIBER SPLICING PLAN TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLING COMMUNICATIONS DUCT AND FIBER.
9.	FIBER OPTIC CABLE SHALL BE SPLICED TO CREATE A CONTINUOUS LINK THROUGH THE ENTIRE PROJECT LIMITS. ALL FIBERS WITHIN THE CABLE SHALL BE FUSION SPLICED AND ALL SPLICES SHALL BE PROTECTED BY A WEATHERPROOF SPLICE ENCLOSURE. SPLICES SHALL BE MADE ONLY IN COMMUNICATION VAULTS.
10.	THE CONTRACTOR SHALL INSTALL A #12 (XLP-TYPE USE OR THHN) TRACER WIRE ALONG WITH THE FIBER OPTIC CABLE FOR LOCATING PURPOSES. THE TRACER WIRE SHALL BE CONTINUOUS AND BE ACCESSIBLE FROM THE COMMUNICATION VAULTS. THE COST OF FURNISHING AND INSTALLING THE TRACER WIRE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE PAY ITEM "FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE". AT THE CONTRACTOR'S OPTION, THE CONTRATOR MAY ELECT TO UTILIZE COMMUNICATION DUCT THAT CONTAINS AN INTEGRATED WIRE THAT CAN BE USED FOR UNDERGROUND LOCATING PURPOSES.
11.	ALL COMMUNICATIONS DUCT SHALL BE INSTALLED IN AND WILL BE PAID FOR IN ACCORDANCE WITH SECTION 810 "UNDERGROUND RACEWAYS" OF THE STANDARD SPECIFICATIONS.
12.	THE LOCATION OF THE CONDUIT AS SHOWN ON THE PLAN SHEETS IS APPROXIMATE AND NOT DRAWN TO SCALE. CONDUIT INSTALLED ALONG THE INTERSTATE AND ROADWAYS SHALL BE LOCATED A MAXIMUM OF 10 FT. FROM THE EDGE OF THE R.O.W UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER. THE CONDUIT SHALL BE INSTALLED AT A 36" MINIMUM DEPTH EXCEPT WHEN CROSSING WATERWAYS AND DRAINAGE FLOW LINES WHERE IT SHALL BE INSTALLED AT A 60" MINIMUM DEPTH.
13.	ALL COSTS ASSOCIATED WITH INSTALLING CONDUIT THROUGH ROCKY TERRAIN (TRENCHING, BORING, SAW-CUTTING, AND OTHER INSTALLATION METHODS AS REQUIRED) AND ROCK EXCAVATION, ROCK DISPOSAL, BACKFILL, AND RESTORATION (INCLUDING TOP SOIL IF NEEDED) SHALL BE INCLUDED IN THE PAY ITEM "UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS". THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.
14.	THE PLAN SHEETS IDENTIFY AREAS WHERE COMMUNICATION DUCT WILL NEED TO BE DIRECTIONALLY BORED UNDER ROADWAYS, DRIVEWAYS, BRIDGES, CREEKS, RIVERS, AROUND TREES AND TREE GROVES, AND UNDER DRAINAGE STRUCTURES. THE DEPARTMENT HAS ATTEMPTED TO IDENTIFY THESE AREAS AS ACCURATELY AS POSSIBLE BY UTILIZING ALL AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL FIELD CONDITIONS PRIOR TO BIDDING. THIS INFORMATION HAS BEEN PROVIDED FOR REFERENCE ONLY AND THERE WILL BE NO ADDITIONAL COMPENSATION FOR ERRORS OR OMISSIONS.
15.	POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE COMMUNICATION DUCT PAY ITEM.
16.	REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, PAVEMENT, AND ISLANDS FOR UTILITY LOCATING PURPOSES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE COMMUNICATION DUCT PAY ITEM.
17.	NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN THE REQUIRED MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
18.	THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE COMMUNICATIONS DUCT.
19.	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED TO ATTACH THE CONDUITS AND JUNCTION BOXES TO THE STRUCTURE, INCLUDING, BUT NOT LIMITED TO UNI-STRUT, BRACKETS, SEAL-TITE, LBS, FITTINGS, HARDWARE, AND OTHER MISCELLANEOUS ITEMS. THESE ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE CONDUIT ATTACHED TO STRUCTURE PAY ITEM.
20.	CONDUIT ATTACHMENT BRACKETS SHALL BE INSTALLED AT 8 FT. SPACINGS (MAXIMUM) ON STRUCTURES.
21.	THE CONTRACTOR SHALL FURNISH AND INSTALL EXPANSION/DEFLECTION COUPLINGS (OR OTHER EQUIPMENT AND METHODS AS APPROVED BY THE ENGINEER) FOR ALL BRIDGE JOINTS AS REQUIRED AND DIRECTED BY THE ENGINEER.
22.	THE CONTRACTOR SHALL SUBMIT A COMPLETE PACKAGE (INCLUDING CONDUIT BRACKETS, HARDWARE, ATTACHMENT POINTS, ATTACHMENT METHODS, ETC.) TO THE DEPARTMENT FOR REVIEW AND SUBSEQUENT APPROVAL PRIOR TO COMMENCING WORK.
23.	ALL SEAL-TITE CONDUIT SHALL BE NON-METALLIC AND SHALL INCLUDE CONNECTORS WITH INTEGRAL STAINLESS STEEL KELLUM GRIPS AT THE ENDS FOR INCREASED STRENGTH AND DURABILITY.
24.	ALL CONDUIT ATTACHMENT BRACKETS SHALL BE FULLY GALVANIZED AND ALL HARDWARE SHALL BE EITHER GALVANIZED OR STAINLESS STEEL.
25.	THE CONTRACTOR SHALL INSTALL THREAD LOCKER ON ALL ATTACHED CONDUIT THREADED CONNECTIONS TO PREVENT LOOSENING THROUGH VIBRATION.
26.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING FIELD TILE, UNDERDRAIN, AND DRAINAGE STRUCTURE LOCATIONS. THE CONTRACTOR SHALL MAKE AN EFFORT TO MINIMIZE DAMAGE TO THESE FACILITIES DURING THE INSTALLATION OF CONDUIT AND COMMUNICATION VAULTS. IN THE EVENT THAT THESE FACILITIES ARE DAMAGED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING REPAIRS TO THESE ITEMS TO RESTORE FUCTIONALITY TO THE SATISFACTION OF THE ENGINEER.
27.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MOWING, BRUSH AND SHRUB REMOVAL, AND SMALL TREE (10" DIAMETER OR LESS) REMOVAL REQUIRED TO INSTALL THE PROPOSED CONDUIT AND COMMUNICATION VAULTS. THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED ITEMS OFF OF THE JOB SITE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICES FOR THE COMMUNICATION DUCT PAY ITEM.
28.	THE CONTRACTOR SHALL PLAN AND CONDUCT CONDUIT AND FIBER INSTALLATION OPERATIONS TO MINIMIZE THE NUMBER OF INTERSTATE AND ROAD LANE CLOSURES AND TO MINIMIZE TRAFFIC DISRUPTIONS AND DELAYS FOR THE MOTORING PUBLIC.
29.	THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR INSTALLING COMMUNICATIONS DUCT AND COMMUNICATION VAULTS UNDER AND ALONG COUNTY AND TOWNSHIP ROADWAYS.

COMMITMENTS: THERE ARE NO COMMITMENTS MADE IN CONJUNCTION WITH THIS PROJECT.

LEGEND	
---	UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS
.....	UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS (PUSHED UNDER ROADWAYS, STRUCTURES, ETC.)
---	3" GALVANIZED STEEL CONDUIT ATTACHED TO STRUCTURE
▣	COMMUNICATIONS VAULT
⊙	24" X 24" X 10" STAINLESS STEEL JUNCTION BOX ATTACHED TO STRUCTURE

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USER NAME = howslder
PLOT SCALE = 1/16216" = 1" / in.
PLOT DATE = 5/24/2012

DESIGNED -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMMITMENTS AND CONSTRUCTION NOTES

SCALE: STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	2
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				

VARIOUS COUNTIES

SUMMARY OF QUANTITIES										
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) URBAN	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) URBAN	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) RURAL	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) URBAN	CONST. TYPE CODE 0021 (100% STATE BROADBAND FIBER PROGRAM FUNDS) RURAL
67100100	MOBILIZATION	L SUM	1.0	0.03	0.19	0.17	0.03	0.12	0.07	0.39
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1.0							1.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0			1.0				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0				1.0			
81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	240.0				240.0			
81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	2.0				2.0			
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	386267.0	11075.0	73539.0	64141.0	12117.0	47924.0	27057.0	150414.0
Z0033052	COMMUNICATIONS VAULT	EACH	100.0	3.0	21.0	15.0	5.0	12.0	7.0	37.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0		0.5			0.2		0.3
X8101100	UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	381247.0	10925.0	72489.0	63391.0	11847.0	47324.0	26707.0	148564.0

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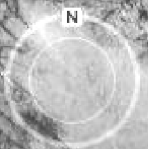
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	PLOT SCALE = 1/16" = 1' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	3
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 1		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1428.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1478.0
COMMUNICATIONS VAULT	EACH	1.0

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	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH)			
SCALE:	SHEET NO. 1 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	4
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 2		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1795.0
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALV STEEL	FOOT	240.0
JUNCTION BOX, SS, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	2.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1915.0
COMMUNICATIONS VAULT	EACH	2.0

Imagery Date: 3/31/2010 1998

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40°28'46.16"N 80°40'25.89"W elev 611 ft

Eye alt 2794 ft

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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 2 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	5
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 3		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1557.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1557.0

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USER NAME = keithbr
DESIGNED -
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DATE -
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

DESIGNED -
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DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED
SCALE: SHEET NO. 3 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	6
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



E 1200th St



Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 4		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1601.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1651.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

40°29'18.15" N 90°40'32.39" W elev 671 ft

Eye alt 2794 ft

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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 4 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	7
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
381 FT.

UNDRGRD C MD
322 FT.

UNDRGRD C MD
67 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
869 FT.

E 1200th St

67

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Google earth

Eye alt 2794 ft

40°29'33.93"N 90°40'30.63"W elev 685 ft

Imagery Date: 3/31/2010 1998

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 5

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1639.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1639.0

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	PROJECT : 68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final	CHECKED -	REVISED -
	PLOT SCALE : 171.6216 ' / in.	DATE -	REVISED -
	PLOT DATE : 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 5 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	8
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SPRING LAKE RD.

N 1500th RD.

E 1200th St

UNDRGRD C MD
136 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
744 FT.

UNDRGRD C MD
88 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
632 FT.

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 6		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1600.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1600.0

Imagery Date: 3/31/2010 1998

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40°29'49.19" N 90°40'28.97" W elev 709 ft

Eye alt 2794 ft

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	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 6 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	9
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
665 FT.

UNDRGRD C MD
68 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
378 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
482 FT.

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Google earth

Eye alt 2794 ft

40°30'04.65" N 90°40'27.88" W elev 700 ft

Imagery Date: 3/31/2010 1998

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 7

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1593.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1643.0
COMMUNICATIONS VAULT	EACH	1.0

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 7 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	10
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
101 FT.
UNDRGRD C MD
89 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
1148 FT.

UNDRGRD C MD
103 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
140 FT.

RURAL
URBAN

RURAL
URBAN

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 8		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1581.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1581.0

67 E 1200th St

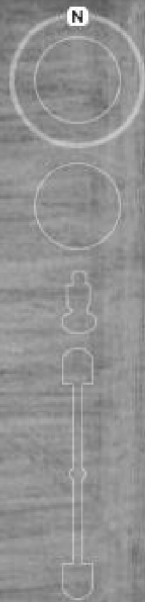
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Google earth

Imagery Date: 3/31/2010 1998

40°30'19.91" N 90°40'27.77" W elev 700 ft

Eye alt 2794 ft



UNDRGRD C MD
275 FT.

COMMUNICATIONS VAULT
1.0 EACH

E 1200th St

UNDRGRD C MD
1308 FT.

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Image McDonough County GIS Consortium

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 9		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1633.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

40°30'35.32" N 90°40'26.72" W elev 701 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -					VAR	D4 FIBER OPTIC 2012	VARIOUS	220	12
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -					CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 9 OF 106 SHEETS		STA.		TO STA.						



UNDRGRD C MD
317 FT.

UNDRGRD C MD
584 FT.

UNDRGRD C MD
187 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
535 FT.

N. 1600TH RD.

N 1600th Rd

W Airport Rd W. AIRPORT RD.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 10		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1623.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1623.0

Imagery Date: 3/31/2010 1998

© 2011 Google
Image McDonough County GIS Consortium
67

40°30'51.11"N 90°40'27.26"W elev 697 ft

Google earth

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DWG	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DWG	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	13
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



E 1200th St

UNDRGRD C MD
357 FT.

UNDRGRD C MD
54 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
1185 FT.

67

© 2011 Google

Image McDonough County GIS Consortium

Google earth

40°31'06.59" N 90°40'27.02" W elev 700 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 11

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1596.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1596.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	PROJECT SHEET 11 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 11 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	14
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1045 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
506 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 12		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1551.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1601.0
COMMUNICATIONS VAULT	EACH	1.0

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Image McDonough County GIS Consortium

Google earth

Imagery Date: 3/31/2010 1998

40°31'22.05" N 90°40'27.08" W elev 709 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DRAWN -	REVISED -
	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 12 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	15
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
211 FT.

N 1700th Rd N. 1700TH RD.

UNDRG C MD
235 FT. (PUSHED)
UNDER ROADWAY

E 1200th St

UNDRGRD C MD
1164 FT.

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 13		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1610.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1610.0

Imagery Date: 3/31/2010 1998

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Image McDonough County GIS Consortium

40°31'37.63" N 90°40'26.40" W elev 694 ft

Eye alt 2794 ft

FILE NAME =
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USER NAME = keithbr
DESIGNED -
CHECKED -
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

REVISOR -
REVISOR -
REVISOR -
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 13 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	16
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD

262 FT.

COMMUNICATIONS VAULT

1.0 EACH

UNDRGRD C MD

1345 FT.

E 1200th St

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 14		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1607.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1657.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

40°31'53.26" N 90°40'26.36" W elev 693 ft

Eye alt 2794 ft

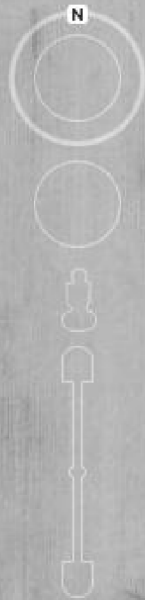
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		CHECKED	REVISED
		-	-
		DATE	REVISED
		-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 14 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	17
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



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Image McDonough County GIS Consortium

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 15		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1619.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1619.0

Imagery Date: 3/31/2010 1998

40°32'08.83" N 90°40'26.22" W elev 678 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 15 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	18
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1602 FT.

67

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Image McDonough County GIS Consortium

Google earth

40°32'26.00" N 90°40'30.10" W elev 698 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 16		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1602.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1602.0

Imagery Date: 3/31/2010 1998

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 16 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	19
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



E 1200th St 67

UNDRGRD C MD
1100 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
131 FT.

UNDRGRD C MD
183 FT. (PUSHED)
UNDER ROADWAY

N 1800th Rd

N. 1800TH RD.

UNDRGRD C MD
203 FT.

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Image McDonough County GIS Consortium

Google earth

40°32'40.18" N 90°40'25.63" W elev 702 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 17

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1617.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1667.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

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c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn		REVISED -	
PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -	
PLOT DATE = 4/23/2012	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED**

SCALE: SHEET NO. 17 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	20
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



327 FT.

Image McDonough County GIS Consortium

Google earth

Eye alt 2794 ft

Imagery Date: 3/31/2010 1998

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	21
		CONTRACT NO. 68B03		
ILLINOIS FED. AID PROJECT				



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
282 FT.

UNDRGRD C MD
86 FT. (PUSHED)
UNDER DRIVEWAY
Douglas St

UNDRGRD C MD
756 FT.

UNDRGRD C MD
388 FT. (PUSHED)
UNDER DRIVEWAYS

UNDRGRD C MD
71 FT.

S Monmouth St

200th St

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Google earth

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 19		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1633.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

40°33'11.19" N 90°40'25.14" W elev 699 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 19	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 19 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	22
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



THE CONTRACTOR SHALL INSTALL A 3" DIAMETER GALVANIZED STEEL CONDUIT UNDER THE RAILROAD TRACKS IN ACCORDANCE WITH RAILROAD REQUIRMENTS. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE BID PRICE FOR "UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS"

UNDRGRD C MD
25 FT. (PUSHED)
UNDRGRD C MD
317 FT.

UNDRGRD C MD
65 FT. (PUSHED)

UNDRGRD C MD
267 FT.

UNDRGRD C MD
121 FT. (PUSHED)

UNDRGRD C MD
271 FT.

KEOKUK JUNCTION RAILROAD

UNDRGRD C MD
416 FT. (PUSHED UNDER ROADWAYS
AND RAILROAD TRACKS)

UNDRGRD C MD
148 FT. (PUSHED)

UNDRGRD C MD
18 FT.

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 20

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1648.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1648.0

Imagery Date: 3/31/2010 1998

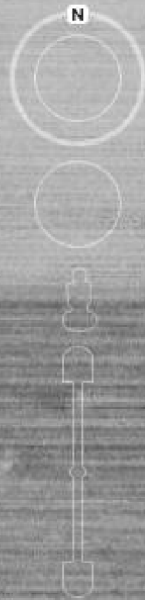
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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 20 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	23
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
880 FT.

N Monmouth St

67

UNDRGRD C MD
753 FT. (PUSHED)
UNDER CONCRETE APRON

E North St

N Union St

© 2011 Google
Image McDonough County GIS Consortium
E Vine St

Google earth

40°33'42.63" N 90°40'24.42" W elev 721 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 21		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1633.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1633.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DRAWN -	REVISED -
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 21 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	24
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
465 FT.

UNDRGRD C MD
778 FT. (PUSHED)
ALONG CEMENTARY
AND UNDER STRUCTURE

COMMUNICATIONS VAULTS
1.0 EACH

UNDRGRD C MD
356 FT.

UNDRGRD C MD
35 FT. (PUSHED)

67

Co Rd 1200 E

N 1950th Rd

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Image Map
McDonough County GIS Consortium

Google earth

40°33'58.15" N 90°40'23.30" W elev 709 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 22

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1634.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1684.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn		CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 22 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	25
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



CR 1975 N

Co Rd 1975 N

Co Rd 1200 E

UNDRGRD C MD
709 FT.

UNDRGRD C MD
30 FT. (PUSHED)
UNDER DRIVEWAY

67

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Image McDonough County GIS Consortium

Google earth

SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 23

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	739.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	739.0

Imagery Date: 3/31/2010 1998

40°34'05.16" N 90°40'24.77" W elev 719 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -			VAR	D4 FIBER OPTIC 2012	VARIOUS	220	26
	PLOT DATE = 4/23/2012	DATE -	REVISED -			CONTRACT NO. 68B03				
						ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 23 OF 106 SHEETS		STA.		TO STA.				



UNDRGRD C MD

671 FT.

UNDRGRD C MD

94 FT. (PUSHED)
UNDER ROADWAY

Co Rd 2000 N

CR 2000 N

67

UNDRGRD C MD

762 FT.

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Google earth

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 24

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1527.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1527.0

Imagery Date: 3/31/2010 1998

40°34'20.14" N 90°40'24.81" W elev 731 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED**

SCALE: SHEET NO. 24 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	27
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1048 FT.

COMMUNICATIONS VAULTS
1.0 EACH

UNDRGRD C MD
491 FT.

67

Co Rd 1200 E

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Image McDonough County GIS Consortium

Google earth

40°34'35.39"N 90°40'23.56"W elev 740 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 25

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1539.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1589.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DESIGNED -	REVISED -
	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 25 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	28
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
655 FT.

UNDRGRD C MD
79 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
876 FT.

Go Rd 1200 E

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 26		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1610.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1610.0

© 2011 Google
Image McDonough County GIS Consortium

Google earth

Imagery Date: 9/31/2010 1998

40°34'50.71" N 90°40'22.62" W elev 740 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DRAWN -	REVISED -
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 26 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	29
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 27		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1467.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1517.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

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Image McDonough County GIS Consortium

40°35'06.06" N 90°40'24.17" W elev 747 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 27 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	30
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1476 FT.

UNDRGRD C MD
135 FT. (PUSHED)

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 28		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1611.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1611.0

Imagery Date: 3/31/2010 1998

CR 2100 N

© 2011 Google
Image McDonough County GIS Consortium

67 Co Rd 2100 N

CR 2100 N Google earth

40°35'21.39" N 90°40'25.64" W elev 742 ft

Eye alt 2794 ft

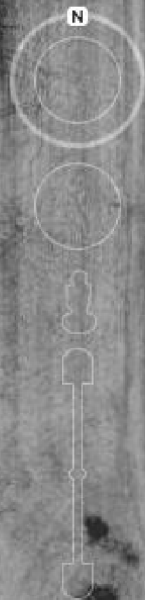
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cr:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final	DRAWN -	REVISED -
	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 28 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	31
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDERGRD C MD
1598 FT.

67

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Image McDonough County GIS Consortium

Google earth

40°35'36.71" N 90°40'25.56" W elev 721 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 29

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1598.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1598.0

Imagery Date: 3/31/2010 1998

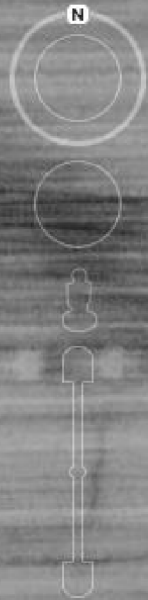
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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 29 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	32
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
968 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
667 FT.

Co Rd 1200 E

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 30		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1635.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1685.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

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Google earth

40°35'52.06" N 90°40'24.93" W elev 752 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 30 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	33
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 31		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1583.0

Imagery Date: 3/31/2010 1998

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67

40°36'07.34" N 90°40'25.14" W elev 757 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 31	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 31 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	34
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
85 FT.

UNDRGRD C MD
34 FT. (PUSHED) UNDER DRIVEWAY
UNDRGRD C MD
332 FT.

UNDRGRD C MD
348 FT.

UNDRGRD C MD
80 FT. (PUSHED)
UNDER STRUCTURE
AND WATERWAY

UNDRGRD C MD
59 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
626 FT.

67

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Image McDonough County GIS Consortium

Google earth

Eye alt 2794 ft

40°36'22.42"N 90°40'24.41"W elev 740 ft

Imagery Date: 3/31/2010 1998

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 32		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1564.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1614.0
COMMUNICATIONS VAULT	EACH	1.0

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 32 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	35
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



67

UNDRGRD C MD
1609 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 33		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1609.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1609.0

Imagery Date: 3/31/2010 1998

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Image McDonough County GIS Consortium

Google earth

40°36'37.65" N 90°40'25.39" W elev 755 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 33 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	36
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



N. 2300TH RD.

N. 2300TH RD.

UNDRGRD C MD

155 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD

472 FT.

UNDRGRD C MD

183 FT. (PUSHED)
UNDER STRUCTURE
AND WATERWAY

UNDRGRD C MD

799 FT.

Co Rd 1200 E

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Image McDonough County GIS Consortium

Google earth

40°36'53.02" N 90°40'25.15" W elev 731 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 34		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1609.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1609.0

Imagery Date: 3/31/2010 1998

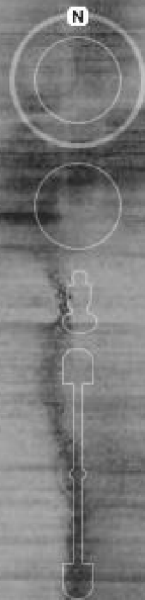
FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 34 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	37
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
972 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
663 FT.

Co Rd 1200 E

67

© 2011 Google
Image McDonough County GIS Consortium

Google earth

40°37'08.40" N 90°40'24.71" W elev 753 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 35		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1635.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1685.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	REVISOR -	REVISOR -
	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISOR -
	PLOT DATE = 4/23/2012	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 35 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	38
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



Co Rd 1200 E

67

UNDRGRD C MD
587 FT.

UNDRGRD C MD
80 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
787 FT.

UNDRGRD C MD
41 FT. (PUSHED) UNDER DRIVEWAY
UNDRGRD C MD
139 FT.

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Image McDonough County GIS Consortium

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 36		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1634.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1634.0

Imagery Date: 3/31/2010 1998

40°37'23.63" N 90°40'24.26" W elev 761 ft

Eye alt 2794 ft

FILE NAME = S:\GEN\DRAWING\ITS Fiber Project\68B03\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final 4-19-12.dgn	USER NAME = howalder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED	SCALE:	SHEET NO. 36 OF 106 SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLT SCALE = 171.6216' / in.	CHECKED -	REVISED -							VAR	D4 FIBER OPTIC 2012	VARIOUS	220	39
	PLT DATE = 5/23/2012	DATE -	REVISED -							CONTRACT NO. 68B03				ILLINOIS FED. AID PROJECT



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
228 FT.

UNDRGRD C MD
505 FT.

UNDRGRD C MD
57 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
832 FT.

67

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Image McDonough County GIS Consortium

Google earth

40°37'38.79" N 90°40'24.13" W elev 769 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 37

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1622.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1672.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DRAWN -	REVISED -
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 37 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	40
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



WARREN COUNTY
MCDONOUGH COUNTY

WARREN COUNTY
MCDONOUGH COUNTY

CR 2400 N

CR 2400 N

60th St

67

Co Rd 2400 N

UNDRGRD C MD
777 FT.

UNDRGRD C MD
181 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
660 FT.

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Image McDonough County GIS Consortium

Google earth

40°37'53.78" N 90°40'24.09" W elev 779 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 38		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1618.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1618.0

Imagery Date: 3/31/2010 1998

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT		
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED		
SCALE:	SHEET NO. 38 OF 106 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	41
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1226 FT.

60th St

UNDRGRD C MD
80 FT. (PUSHED)
UNDER DRIVEWAY
UNDRGRD C MD
234 FT.

© 2011 Google
Image McDonough County GIS Consortium

Google earth

40°38'08.79" N 90°40'23.98" W elev 773 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 39		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1540.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1540.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 39 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	42
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1000 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
614 FT.

60th St

67

© 2011 Google
Image McDonough County GIS Consortium

Google earth

40°38'23.86" N 90°40'23.14" W elev 772 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 40		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1614.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1664.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
ct:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn -		REVIS	REVIS
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 40 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	43
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



10 Ave

UNDRGRD C MD
1460 FT.

67

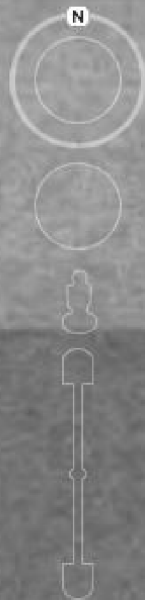
Google™ earth

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\erics plans\68B03 - D4 Fiber Project Sheets-1-109 (Macomb to Monmouth) - Final.dgn		DATE = 11/12/2012	REVISED -
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

**FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	44
		CONTRACT NO. 68B03		
		ILLINOIS FED. AID PROJECT		



UNDRGRD C MD
1152 FT.

60th St

UNDRGRD C MD
82 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
323 FT.

© 2011 Google

Image USDA Farm Service Agency

Google earth

SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 43

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1557.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1557.0

Imagery Date: 6/27/2009 1998

40°39'08.70"N 90°40'21.99"W elev 788 ft

Eye alt 2794 ft

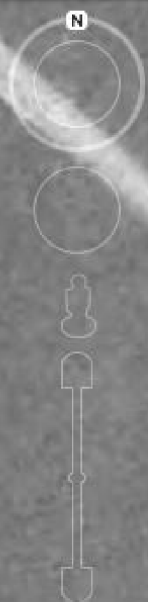
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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 43 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	46
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
65 FT.

UNDRGRD C MD
1540 FT.

67

60th St

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Image McDonough County GIS Consortium
Image USDA Farm Service Agency

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 42		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1605.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1655.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 3/31/2010 1998

10 Ave

40°38'53.83" N 90°40'21.76" W elev 789 ft

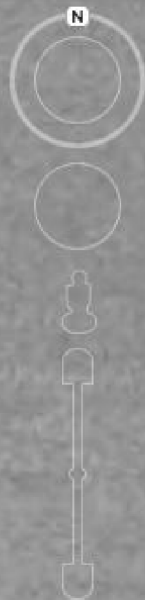
Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 42	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 42 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	45
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



60th St

UNDRGRD C MD
1478 FT.

67

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Google earth

SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 44

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1478.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1478.0

Imagery Date: 6/27/2009 1998

40°39'23.61"N 90°40'22.42"W elev 782 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			VAR	D4 FIBER OPTIC 2012	VARIOUS	220	47				
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68B03								
	PLOT DATE = 4/23/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:	SHEET NO. 44 OF 106 SHEETS			STA.		TO STA.						



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
651 FT.

UNDRGRD C MD
94 FT.

UNDRGRD C MD
145 FT. (PUSHED)
UNDER ROADWAY

CH 9

Co Hwy 9

20TH AVE.

67

UNDRGRD C MD
663 FT.

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Image USDA Farm Service Agency

Google earth

Imagery Date: 6/27/2009 1998

40°39'38.72" N 90°40'23.01" W elev 783 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 45		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1553.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1603.0
COMMUNICATIONS VAULT	EACH	1.0

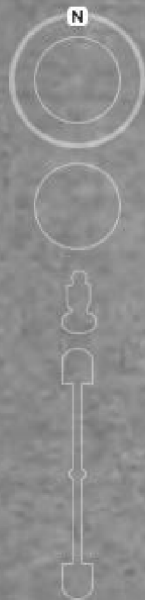
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	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 45 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	48
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



67

UNDRGRD C MD
1447 FT.

67th St

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Google earth

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 46

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1447.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1447.0

Imagery Date: 6/27/2009 1998

40°39'53.78" N 90°40'22.55" W elev 766 ft

Eye alt 2794 ft

FILE NAME =
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

USER NAME = keithbr
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

DESIGNED -
CHECKED -
DATE -

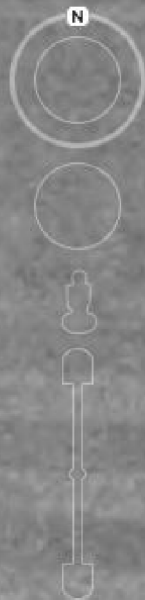
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 46 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	49
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1499 FT.

60th St

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SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 47		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1499.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1499.0

Imagery Date: 6/27/2009 1998

40°40'08.90"N 90°40'23.40"W elev 750 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 47 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	50
		CONTRACT NO. 68B03		
ILLINOIS		FED. AID PROJECT		



30TH AVE.

30 Ave

UNDRGRD C MD
87 FT.

30th Ave

UNDRGRD C MD
138 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
895 FT.

65th St

60th St

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
221 FT.
UNDRGRD C MD

154 FT. (PUSHED)
UNDER STRUCTURE
AND WATERWAY

UNDRGRD C MD
28 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 48		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1523.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1573.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°40'19.94"N 90°40'19.94"W elev 736 ft

Eye alt 2794 ft

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Google earth



60th St

67

UNDRGRD C MD
1507 FT.

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Image USDA Farm Service Agency

Google earth

Imagery Date: 6/27/2009 1998

40°40'32.83"N 90°40'21.65"W elev 761 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 49		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1507.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1507.0

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 49 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	52
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
201 FT.

35TH AVE.

35th Ave

35 Ave

67

UNDRGRD C MD
1373 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 50		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1574.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1624.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

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40°40'48.58" N 90°40'21.58" W elev 785 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 50 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	53
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 51		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1557.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1557.0

Imagery Date: 6/27/2009 1998

40°41'01.67" N 90°40'20.42" W elev 781 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	REVISOR -	REVISOR -
	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISOR -
	PLOT DATE = 4/23/2012	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 51 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	54
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



SCHEDULE OF QUANTITIES			
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 52			
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1540.0	
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1540.0	

Imagery Date: 6/27/2009 1998

40°41'16.81" N 90°40'20.63" W elev 764 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = howalder	DESIGNED -	REVISED -
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	PLOT DATE = 5/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 52 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	55
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



60th St

UNDRGRD C MD
361 FT.

UNDRGRD C MD
62 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
400 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
702 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 53		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1525.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°41'32.77"N 90°40'20.88"W elev 756 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
		REVISIONS	
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 53 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	56
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
203 FT.

UNDRGRD C MD
71 FT. (PUSHED) UNDER STRUCTURE

UNDRGRD C MD
377 FT.

UNDRGRD C MD
93 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
760 FT.

67

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40°41'46.83" N 90°40'20.26" W elev 771 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 54		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1504.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1504.0

Imagery Date: 6/27/2009 1998

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg		DRAWN -	REVISED -
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT			
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			
SCALE:	SHEET NO. 54 OF 106 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	57
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



50TH AVE.

50th Ave

50 Ave

67

60th St

UNDRGRD C MD

1542 FT.

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Imagery Date: 6/27/2009 1998

40°42'02.05" N 90°40'20.06" W elev 771 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 55		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1542.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1542.0

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

USER NAME = keithbr
PLOT SCALE = 171.6216 ' / in.
PLOT DATE = 4/23/2012

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 55 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	58
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
820 FT.

UNDRGRD C MD
115 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
521 FT.

UNDRGRD C MD
131 FT.

60th St

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Google earth

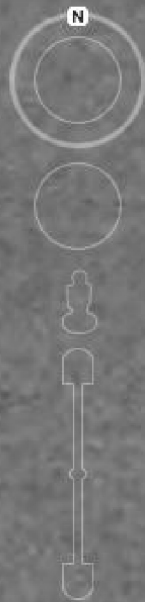
SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 56		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1587.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1637.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°42'18.67" N 90°40'19.73" W elev 778 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	DESIGNED -	REVISED -				VAR	D4 FIBER OPTIC 2012	VARIOUS	220	59
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -				CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 56 OF 106 SHEETS		STA.		TO STA.					



UNDRGRD C MD
622 FT.

UNDRGRD C MD
115 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
727 FT.

60th St

67

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SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 57		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1464.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1464.0

Imagery Date: 6/27/2009 1998

40°42'32.48"N 90°40'19.29"W elev 780 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 57	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 57 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	60
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
668 FT.

UNDRGRD C MD
186 FT. (PUSHED)

60TH ST

UNDRGRD C MD
226 FT.

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Google™ earth

Eye alt 2794 ft

FILE NAME =
c:\notes\erics plans\68B03 - D4 Fiber Pr

USER NAME	= keithbr
Project Sheets 1-109 (Macomb to Monmouth) - Final	
PLOT SCALE	= 171.6216' / in.
PLOT DATE	= 4/23/2012

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

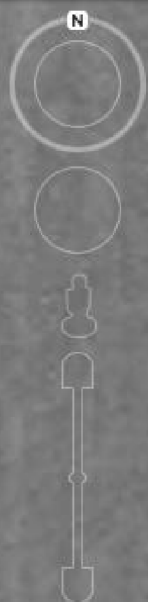
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE:	SHEET NO. 58 OF 106 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	61
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1500 FT.

UNDRGRD C MD
242 FT. (PUSHED)
UNDER ROADWAY

60 TH AVE.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 59		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1742.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1742.0

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Imagery Date: 6/27/2009 1998

40°43'01.65" N 90°40'23.96" W elev 761 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 59 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	62
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
239 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
1595 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 60		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1834.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1884.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°43'15.37" N 90°40'40.97" W elev 760 ft

Eye alt 2794 ft

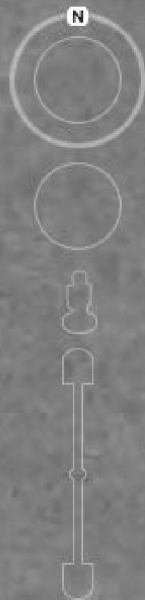
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FILE NAME : c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME : keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -					VAR	D4 FIBER OPTIC 2012	VARIOUS	220	63
	PLOT SCALE : 171.6216 ' / in.	DATE -	REVISED -		CONTRACT NO. 68B03			ILLINOIS FED. AID PROJECT				
	PLOT DATE : 4/23/2012	DATE -	REVISED -		SCALE:	SHEET NO. 60 OF 106 SHEETS	STA.	TO STA.				



UNDRGRD C MD
1751 FT.

67

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Imagery Date: 6/27/2009 1998

40°43'29.75" N 90°40'55.05" W elev 739 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 61		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1751.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1751.0

FILE NAME =
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USER NAME = keithbr
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 61 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	64
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



IL 116

W Penn Ave

116

IL 116 (W PENN AVE.)

UNDRGRD C MD
78 FT.

UNDRGRD C MD
221 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
1373 FT.

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Image USDA Farm Service Agency

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Google earth

Eye alt 2794 ft

40°43'44.88" N 90°41'07.39" W elev 745 ft

Imagery Date: 6/27/2009 1998

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 62		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1672.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1672.0

FILE NAME =
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

USER NAME = keithbr	DESIGNED -	REVISED -
PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	DRAWN -	REVISED -
PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 62 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	65
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1335 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
338 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 63		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1673.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1723.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°43'59.27" N 90°41'09.27" W elev 760 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	66
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 63 OF 106 SHEETS STA. TO STA.



UNDRGRD C MD
1973 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 64		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1973.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1973.0

Imagery Date: 6/27/2009 1998

40°44'16.78" N 90°41'01.86" W elev 743 ft

Eye alt 2794 ft

FILE NAME : c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED	F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -			VAR	D4 FIBER OPTIC 2012	VARIOUS	220	67	
	PLOT DATE = 4/23/2012	DATE -	REVISED -			CONTRACT NO. 68B03					
	ILLINOIS FED. AID PROJECT										
SCALE:		SHEET NO. 64 OF 106 SHEETS		STA.		TO STA.					



UNDRGRD C MD
1246 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
692 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 65		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1938.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1988.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 6/27/2009 1998

40°44'29.23" N 90°40'51.00" W elev 733 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 65 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	68
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



80TH AVE.

UNDRGRD C MD
1943 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 66		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1943.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1943.0

Imagery Date: 6/27/2009 1998

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40°44'45.09" N 90°40'33.62" W elev 719 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

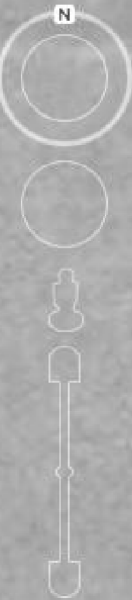
USER NAME = keithbr	DESIGNED -	REVISED -
PROJECT SHEET = 66	CHECKED -	REVISED -
PLOT SCALE = 1/16" = 1' / in.	DATE -	REVISED -
PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 66 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	69
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1214 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
811 FT.



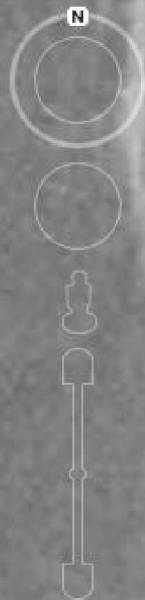
SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 67		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	2025.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	2075.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°44'59.79" N 90°40'18.56" W elev 738 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -						VAR	D4 FIBER OPTIC 2012	VARIOUS	220	70
	PLOT DATE = 4/23/2012	DATE -	REVISED -		CONTRACT NO. 68B03								
	SCALE:		SHEET NO. 67 OF 106 SHEETS		STA.		TO STA.		ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1956 FT.

67

U.S. 67 Bus

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Eye alt 2794 ft

40°45'15.23" N 90°40'02.45" W elev 731 ft

SCHEDULE OF QUANTITIES

ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 68

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1956.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1956.0

Imagery Date: 6/27/2009 1998

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	PLOT SCALE = 171.6216" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 68 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	71
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
468 FT.

UNDRGRD C MD
156 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
80 FT.

UNDRGRD C MD
830 FT.

90 Ave 90TH AVE.

COMMUNICATIONS VAULT
1.0 EACH

67

U.S. 67 Bus

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40°45'30.24" N 90°39'48.60" W elev 723 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 69		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1534.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1584.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 69 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	72
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1633 FT.

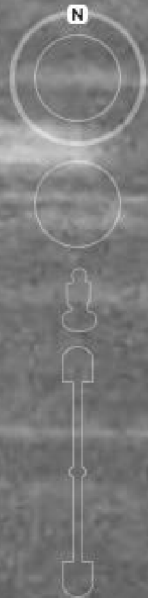
SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 70		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1633.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1633.0

Imagery Date: 6/27/2009 1998

40°45'46.44"N 90°39'46.62" W elev 704 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -				VAR	D4 FIBER OPTIC 2012	VARIOUS	220	73
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -				CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012						ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 70 OF 106 SHEETS		STA.		TO STA.					



67

UNDRGRD C MD
1579 FT.

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SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 71		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1579.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1579.0

Imagery Date: 6/27/2009 1998

40°46'01.06" N 90°39'45.96" W elev 725 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	REVIS	REVISED -
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 71 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	74
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1457 FT.

UNDRGRD C MD
84 FT.

COMMUNICATIONS VAULT
1.0 EACH

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 72		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1541.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1591.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°46'17.02" N 90°39'45.92" W elev 726 ft

Eye alt 2794 ft

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		CHECKED -	REVISED -			VAR	D4 FIBER OPTIC 2012	VARIOUS	220	75
	PLOT SCALE = 171.6216' / in.					CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 72 OF 106 SHEETS		STA.		TO STA.				



UNDRGRD C MD
1658 FT.

100TH AVE.

67

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Imagery Date: 6/27/2009 1998

40°48'31.21"N 90°39'45.62" W elev 725 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 73		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1658.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1658.0

FILE NAME =
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

USER NAME = keithbr
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC ITS FIBER AND JOINTABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 73 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	76
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



105 AVE.

UNDRGRD C MD
339 FT.

UNDRGRD C MD
165 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
333 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
885 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 74		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1722.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1772.0
COMMUNICATIONS VAULT	EACH	1.0

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Imagery Date: 6/27/2009 1998

40°46'46.67" N 90°39'39.12" W elev 722 ft

Eye alt 2794 ft

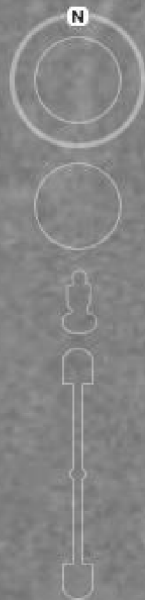
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	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 74 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	77
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1597 FT.

67

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SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 75		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1597.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1597.0

Imagery Date: 6/27/2009 1998

40°47'02.03" N 90°39'30.77" W elev 715 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 75 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	78
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
254 FT.

UNDRGRD C MD
203 FT. (PUSHED)
UNDER STRUCTURE
AND WATERWAY

UNDRGRD C MD
1109 FT.

67

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SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 76		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1566.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1566.0

Imagery Date: 6/27/2009 1998

40°47'17.56"N 90°39'23.42"W elev 711 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 76 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	79
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1593 FT.

COMMUNICATIONS VAULT
1.0 EACH

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 77		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1593.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1643.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°47'33.16" N 90°39'23.89" W elev 695 ft

Eye alt 2794 ft



UNDRGRD C MD
581 FT.

UNDRGRD C MD
183 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
738 FT.

67

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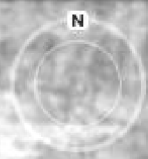
SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 78		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1502.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1502.0

Imagery Date: 6/27/2009 1998

40°47'48.69" N 90°39'28.45" W elev 714 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	DESIGNED -	REVISED -					VAR	D4 FIBER OPTIC 2012	VARIOUS	220	81
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -		CONTRACT NO. 68B03			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/23/2012	DATE -	REVISED -		SCALE:	SHEET NO. 78 OF 106 SHEETS	STA.	TO STA.				



120th Ave

120TH AVE.

120TH AVE.

UNDRGRD C MD
104 FT.

UNDRGRD C MD
170 FT.(PUSHED)
UNDER ROADWAY

UNDRGRD C MD
435 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
905 FT.

67

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SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 79

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1614.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1664.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°48'04.68" N 90°33'28.54" W elev 712 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

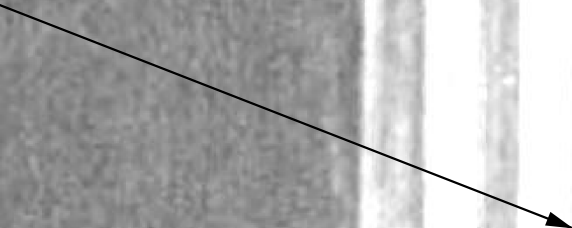
FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 79 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	82
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1519 FT.



67

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Imagery Date: 6/27/2009 1998

40°48'21.33"N 90°39'27.66"W elev 722 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 80		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1519.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1519.0

FILE NAME =
c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg

USER NAME = keithbr
PLOT SCALE = 171.6216' / in.
PLOT DATE = 4/23/2012

DESIGNED -
CHECKED -
DATE -

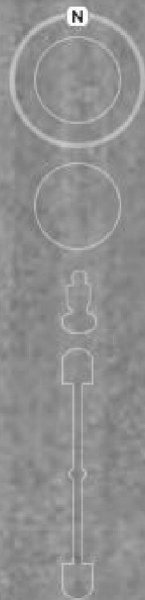
REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

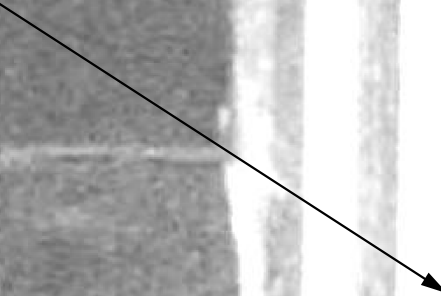
FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 80 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	83
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1576 FT.



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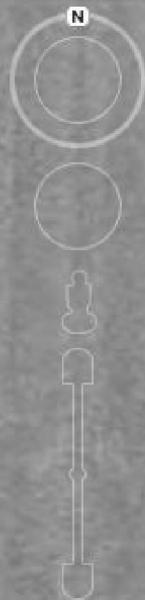
SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 81		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1576.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1576.0

Imagery Date: 6/27/2009 1998

40°48'35.11" N 90°39'23.98" W elev 721 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -				VAR	D4 FIBER OPTIC 2012	VARIOUS	220	84
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -				CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012						ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 81 OF 106 SHEETS		STA.		TO STA.					



UNDRGRD C MD
1498 FT.

COMMUNICATIONS VAULT
1.0 EACH

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 82		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1498.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1548.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°48'50.44" N 90°39'26.49" W elev 726 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dwg	CHECKED -	REVISED -
	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	85
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 82 OF 106 SHEETS STA. TO STA.



UNDRGRD C MD
1056 FT.

UNDRGRD C MD
198 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
344 FT.

130 Ave

130TH AVE.

130TH AVE.

67

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 83		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1598.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1598.0

Imagery Date: 6/27/2009 1998

40°49'05.99"N 90°39'26.99"W elev 730 ft

Eye alt 2794 ft

FILE NAME =	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 83 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	86
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
711 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
463 FT.

UNDRGRD C MD
146 FT. (PUSHED)
UNDER DRAINAGE STRUCTURE

UNDRGRD C MD
295 FT.

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Imagery Date: 6/27/2009 1998

40°49'28.90" N 90°39'28.00" W elev 732 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 84		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1615.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1665.0
COMMUNICATIONS VAULT	EACH	1.0

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	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 84 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	87
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1218 FT.

UNDRGRD C MD
97 FT. (PUSHED)
UNDER DRIVEWAY

UNDRGRD C MD
253 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 85		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1568.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1568.0

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Imagery Date: 6/27/2009 1998

40°49'36.91"N 90°39'26.43"W elev 734 ft

Eye alt 2794 ft

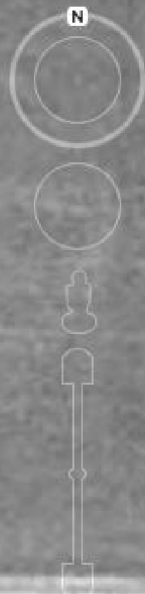
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	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 85 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	88
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



140TH AVE.

UNDRGRD C MD
450 FT.

UNDRGRD C MD
138 FT. (PUSHED)
UNDER ROADWAY

140th Ave

140TH AVE.

Grq Rd

UNDRGRD C MD
987 FT.

67

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Imagery Date: 6/27/2009 1998

40°49'51.86"N 90°39'26.52"W elev 740 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 86		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1575.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1575.0

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT SCALE = 171.6216" / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 86 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	89
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



THE CONTRACTOR SHALL INSTALL A 3" DIAMETER GALVANIZED STEEL CONDUIT UNDER THE RAILROAD TRACKS IN ACCORDANCE WITH RAILROAD REQUIRMENTS. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE BID PRICE FOR "UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS"

BNSF RAILROAD

BNSF RAILROAD

UNDRGRD C MD
283 FT.

UNDRGRD C MD
192 FT. (PUSHED)
UNDER RAILROAD OVERPASS

UNDRGRD C MD
939 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
146 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 87		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1560.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1610.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°50'07.20" N 90°39'25.71" W elev 742 ft

Eye alt 2794 ft

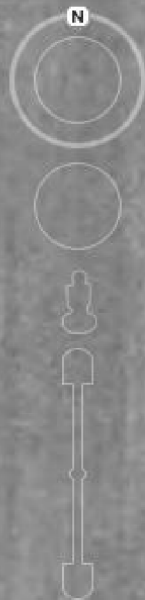
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	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 87 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	90
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1507 FT.

67

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40°50'22.89" N 90°39'25.53" W elev 751 ft

Eye alt 2794 ft

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 88		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1507.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1507.0

Imagery Date: 6/27/2009 1998

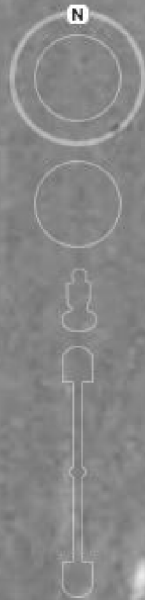
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	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 88 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	91
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
414 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
1079 FT.

67

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SCHEDULE OF QUANTITIES
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 89

UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1493.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1543.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°50'37.47" N 90°39'24.91" W elev 760 ft

Eye alt 2794 ft

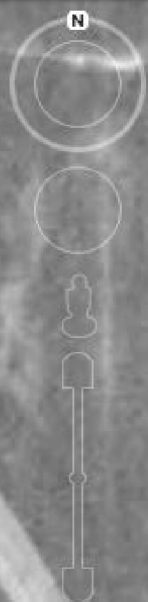
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	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
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FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 89 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	92
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
210 FT. (PUSHED)

UNDRGRD C MD
303 FT. (PUSHED)
UNDER HENDERSON CREEK

UNDRGRD C MD
288 FT.

UNDRGRD C MD
497 FT.

UNDRGRD C MD
171 FT. (PUSHED)
UNDER ROADWAY

UNDRGRD C MD
143 FT.

150TH AVE.

150 Ave

150th Ave

150TH AVE.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 90		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1612.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1612.0

Imagery Date: 6/27/2009 1998

40°50'52.03"N 90°39'32.44"W elev 761 ft

Eye alt 2794 ft

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67

UNDRGRD C MD
1728 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 91		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1728.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1728.0

Imagery Date: 6/27/2009 1998

40°51'07.99"N 90°39'24.71" W elev 733 ft

Eye alt 2794 ft

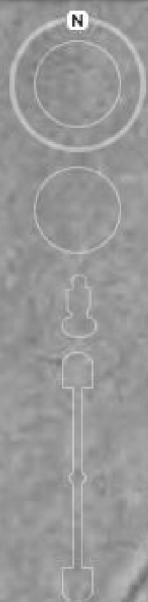
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	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	REVIS	REVISED -
	PLOT SCALE = 171.6216' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 91 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	94
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1400 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
246 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 92		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1646.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1696.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°51'22.86" N 90°39'28.09" W elev 762 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 92 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	95
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				

UNDRGRD C MD
757 FT.

160TH AVE.

Imagery Date: 6/27/2009 1998

Eye alt 2794 ft

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	96
		CONTRACT NO. 68B03		
		ILLINOIS FED. AID PROJECT		



UNDRGRD C MD
540 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
1069 FT.



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 94		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1609.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1659.0
COMMUNICATIONS VAULT	EACH	1.0

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Image USDA Farm Service Agency

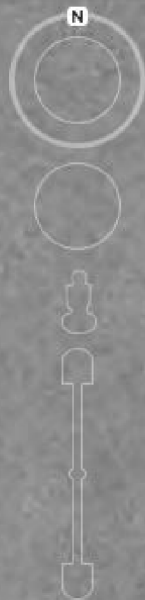
Google earth

Imagery Date: 6/27/2009 1998

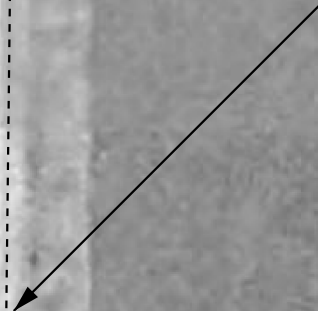
40°51'53.22" N 90°39'38.02" W elev 764 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.DWG	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CONDUIT AND CABLE PROJECT US 67 (FROM MACOMB TO MONMOUTH) CONTINUED		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DWG	CHECKED -	REVISED -				VAR	D4 FIBER OPTIC 2012	VARIOUS	220	97
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -				CONTRACT NO. 68B03				
	PLOT DATE = 4/23/2012						ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 94 OF 106 SHEETS		STA.		TO STA.					



UNDRGRD C MD
1583 FT.



SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 95		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1583.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1583.0

Imagery Date: 6/27/2009 1998

40°52'09.18"N 90°39'41.04"W elev 771 ft

Eye alt 2794 ft

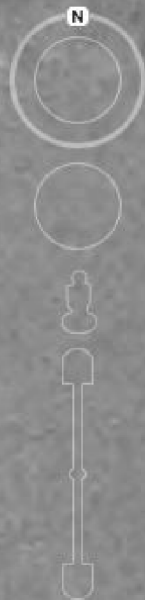
FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	REVIS	REVISED -
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/23/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 95 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	98
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1550 FT.

67

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Image USDA Farm Service Agency

Google earth

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 96		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1550.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1550.0

Imagery Date: 6/27/2009 1998

40°52'22.97"N 90°39'37.54"W elev 770 ft

Eye alt 2794 ft

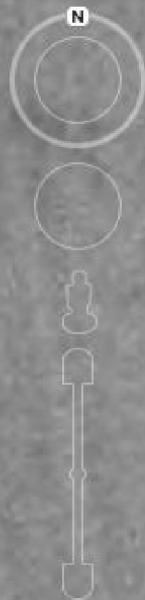
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	PROJECT SHEETS 1-109 (Macomb to Monmouth) - Final.DRAWN2.dgn	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 96 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	99
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				



UNDRGRD C MD
1273 FT.

COMMUNICATIONS VAULT
1.0 EACH

UNDRGRD C MD
327 FT.

SCHEDULE OF QUANTITIES		
ITS FIBER (US 67 FROM MACOMB TO MONMOUTH) - SHEET 97		
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	1600.0
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1650.0
COMMUNICATIONS VAULT	EACH	1.0

Imagery Date: 6/27/2009 1998

40°52'45.25" N 90°39'36.42" W elev 781 ft

Eye alt 2794 ft

FILE NAME = c:\notes\series plans\68B03 - D4 Fiber Project Sheets 1-109 (Macomb to Monmouth) - Final.dwg	USER NAME = keithbr	DESIGNED -	REVISED -
	PROJECT SHEET = 97	CHECKED -	REVISED -
	PLOT SCALE = 171.6216' / in.	DATE -	REVISED -
	PLOT DATE = 4/23/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT AND CABLE PROJECT
US 67 (FROM MACOMB TO MONMOUTH) CONTINUED

SCALE: SHEET NO. 97 OF 106 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2012	VARIOUS	220	100
CONTRACT NO. 68B03				
ILLINOIS FED. AID PROJECT				